

Emerson Motors HVACR Standard Motor Catalog

May 2009

Emerson Motors



Commercial • Residential • Refrigeration

HVACR Standard Motor Catalog



EMERSON. CONSIDER IT SOLVED.™

New Product Spotlight



Expanded IHP Motor Offering

- Complete Inverter Duty Motor Section
- 1/3 to 400 Horsepower

See Page 109



Rescue EcoTech™

- High Efficient Direct Drive Blower Motor
- Up to 82% Efficient
- Fits a wide variety of direct drive blower applications
- Easy as a PSC blower motor to connect and install

See Page 7



VariTough™ Commercial Condenser Fan Motor

- 3 Phase
- 56 Frame
- 70°C (158°F) Maximum Ambient Rated
- Thermostat Overload Protection
- Exclusive mounting provision for AEGIS Bearing Protection Ring

See Page 40



EMERSON. CONSIDER IT SOLVED.™

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- Seven days a week
- 24 hours per day
- 866-244-1074

Round the clock information at EmersonClimate.com

The Emerson Climate Technologies website provides easy access to a variety of useful tools and information, including:

- Motors and HVACR related literature and catalogs
- The latest news concerning Emerson Climate Technologies related products and services
- Training supplies, tools and information
- Contact and warranty information
- Product availability and order tracking
- Product support
- Industry links and information
- Location of the nearest Emerson Climate Technologies distributor



To access the Emerson Climate Technologies customer portal visit: www.EmersonClimate.com

Find what you need with just a click of your mouse!



Our eCatalog makes your job easier

- www.emersonmotors.com
- www.emersonclimate.com

Our new online catalog brings together power and ease. We've combined fast, easy-to-use search capabilities with our expanded product offering. And, with comprehensive motor data, you're sure to find the product you need.

This dynamic application includes:

- All standard Emerson® and US Motors® brand motors
- Up-to-date details on the latest product line additions
- **Category** or **Application** browsing
- Search by **Features**
- Search by **ID#**, including extensive OEM and Competitor **Cross References**
- Access to **Technical Data**
 - Nameplate data
 - Connection diagrams
 - Dimension prints
 - Performance data
 - Additional technical documents



Plus, you can create your own custom data package and generate performance curves and CAD drawings.





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HVACR Motor Cross Reference

Quick Summary

Motor Description	Model Emerson	 Upgrade	 Upgrade	Model AOS	Model Fasco	Model GE	Model Magnetek	Model Marathon
Condenser Fan, Totally Enclosed, All Position Mounting								
1/6 HP	1859	5462		FSE1016SV1	D917	3727	184	X411
1/4 HP	1860	5462		FSE1026SV1	D909	3728	176	X412
1/3 HP	1861	5462		FSE1036SV1	D908	3729	175	X413
1/2 HP	1862	5465		FSE1056SV1	D907	3730	187	X414
3/4 HP	1868	5482H		FSE1076SV1	D933	3731	779	X095
Condenser Fan, Open Dripproof, Shaft Up or Horizontal Applications								
1/6 HP	8661	5462		FS1016S	D927	3327		
1/4 HP	3851	5462		FS1026S	D749	3328	0500	X213
1/3 HP	6880	5462		FS1036S	D748	3329	0501	X214
1/2 HP	3852	5465		FS1056S	D745	3330	0502	X221
3/4 HP	3097	5482H		FS1076S	D929	3331	738	X298
Direct Drive 115V								
1/4 HP	1863	5460	5520ET	DL1026	D721	3583	0533	X000
1/3 HP	1864	5460	5520ET	DL1036	D727	3585	0532	X002
1/2 HP	1865	5460	5530ET	DL1056	D701	3587	0531	X004
3/4 HP	8904	5470	5540ET	DL1076	D728	3589	0678	X009
1 HP	8906		5550ET					
Direct Drive 208-230V								
1/4 HP	1971	5461	5521ET	D1026	D725	3584	0530	X001
1/3 HP	1972	5461	5521ET	D1036	D923	3586	0529	X003
1/2 HP	1973	5461	5531ET	D1056	D703	3588	0528	X005
3/4 HP	8905	5471	5541ET	D1076	D729	3590	0679	X010
1 HP	8907		5551ET					
Belt Drive 115V								
1/4 HP	8000			GF2024		4701	933	B206
1/3 HP	8100			GF2034		4706	934	B207
1/2 HP	8200			GF2054		4708	935	B208
Oil Burner								
1/8 HP 1725 rpm	3196			EL2005		4782	723	O600
1/7 HP 3450 RPM (PSC 3.7")	3274			OBK6002		4777		O701
1/7 HP 3450 rpm	5866			EL2002V1		4779	F225	O100
1/7 HP 3450 rpm	3083			EL2002		4779	F225	O100
1/6 HP 1725 rpm	3252			EL2014		4784	726	O601
1/4 HP 3450 rpm	2302			EL2022		4785	F335	O004
Three Phase GP ODP 1800 RPM 208-230/460V NEMA Premium								
1HP 143T	D1E2D			D1P2B	E100	K2005	E100	E715
1-1/2HP 145T	D32E2D			D32P2B	E101	K2006	E101	E716
2HP 145T	D2E2D			D2P2B	E102	K2007	E102	E717
3HP 182T	D3E2D			D3P2B	E226	S2504	E226	E718
5HP 184T	D5E2D			D5P2B	E227	S2511	E227	E719
7-1/2HP 213T	D7E2D			D7P2B	E300	S2518	E300	E720
10HP 215T	D10E2D			D10P2B	E301	S2525	E301	E721
15HP 254T	D15E2D			D15P2B	E449	S2532	E449	E722
20HP 256T	D20E2D			D20P2B	E457	S2539	E457	E723
25HP 284T	D25E2D			D25P2B	E546	S2127	E546	E724

Safety Instructions

WARNING: Failure to follow safety instructions may cause serious or fatal injury.

General Safety Guidelines

Codes: Consult and follow all local electrical and safety codes, as well as the National Electrical Code (NEC) or Canadian Electrical Code (CEC) and the Occupational Safety and Health Act (OSHA), when installing the motor and related equipment.

Grounding: Motor frame should be grounded to a continuous earth ground, such as a metal cold water pipe, to reduce potential electrical shock. Grounding termination means are provided.

Mechanical Hazards: Do not insert foreign objects into motor. Make sure that fans, pulleys, and belts are properly guarded.

Motor Service: Disconnect electrical power before servicing motor or related equipment.

Overhung Loads: The motor base or attachment is designed to withstand the weight and operating forces of the motor and drive arrangement only.

Power Failure: Turn off electrical supply to motors when a “brown out” or “power failure” condition exists. This will prevent motor burnouts or unexpected restarting which may be hazardous.

Over Temperature Protection

Motors that may automatically start in their intended installations, or motors that are unattended or out of sight of the operator, should be protected from dangerous overheating due to overloading or failure to start. Such protection requires one of the following: a separate overcurrent device selected in accordance with codes, an integral motor thermal protector, or an impedance protected motor.

Motors with integral automatic reset thermal protectors should

not be used in installations where unexpected starting of the motor may be hazardous.

Motors which are intended for use in fan applications where a stalled condition may go undetected, such as attic ventilators, should not use automatic reset protectors. They should use either manual reset protectors or non-resettable (one shot) protectors and be identified by the marking “U.L. 507 Approvable” on the nameplate.

Hazardous or Potentially Hazardous Locations

Use only those motors specifically designed and marked as approved by “Class” and “Group” as defined in the National Electrical Code for potentially hazardous locations.

Articles 500 through 504 of the National Electrical Code (NEC) and Section 18 of the Canadian Electrical Code (CEC) cover the

requirements for electrical equipment and wiring for all voltages in locations where fire or explosion hazards may exist due to flammable gases or vapors, flammable liquids, combustible dust, particles or fibers.

Limited Warranty

All Emerson products identified in this catalog, other than those specifically identified below, shall carry the limited warranty specified in the Emerson's Terms and Conditions of Sale on page 160 for 12 months from the date of installation, not to exceed 24 months from the date of manufacture.

The motors listed in the accompanying table carry Emerson's limited warranty for the extended time period referenced for each motor type.

Warranty Period (whichever expires first)

Motor Type	From Install	From Mfg. Date
EPACT Efficient Motors	24 months	30 months
Titan® II	24 months	30 months
Varidyne® (VFD)	24 months	30 months
Automotive Duty Premium Efficient	36 months	42 months
Inverter Duty (PWM Power)	36 months	42 months
Premium Efficient Motors	36 months	42 months
Vertical (RUS & TUS)	36 months	42 months
841 PLUS® Motors	60 months	66 months
e-LINE® Motors	Refer to: www.e-linemotors.com	

Important Notice

Emerson has made every effort to ensure the integrity of the contents of this catalog. However, Emerson cannot accept responsibility for errors which may have been caused by changing model/part numbers, typographical or clerical errors in the preparation of the manual. The motor data and dimensions provided are for reference only. Certified dimensions and performance data will be furnished upon request.

Prices are subject to change without notice.

How To Use Motor Listings

Select the application

Air Conditioner, Fan, Pump, etc.

Select the motor type

Capacitor start, split phase, shaded pole, permanent split capacitor, or three phase.

Select the enclosure

Open Drip-proof, Totally Enclosed, etc.

Select the mounting type

Resilient Base, Rigid Base, Stud, etc.

Select other parameters

Horsepower, Voltage, Speeds, Service Factors, Bearing type, etc.

Features

Various features common to the motors of a given application are specified above the listings.

Order motors by catalog number

Permanent Split Capacitor Condenser Fan 5.6" Diameter, Open Dripproof, Air Over



APPLICATIONS:

FEATURES:

- High Efficiency Economizer[®] Rated (except as noted)
- 60 Hz
- Capacitor Mounting Holes in Frame Band
- Continuous Duty, Air Over
- Water Slinger
- Designed for use with 370V Capacitors
- Automatic Reset Thermal Overload Protector
- Sleeve Bearings have All Angle Thrust System
- Green Ground Lead
- Reversible Rotation
- Class B Insulation
- Extended Studs are 8-32 UNC Thread unless otherwise noted
- 3/8" Leads
- Double Flats on Shaft
- Enclosed Endshield at Shaft End

Stud Mount, Shaft Up or Horizontal, Without Capacitor

Catalog Number	List Price	HP	RPM/ Spd.	Volts	Bearings	Cap. MFD	Amps	Shaft N	Base XD	Shell XI	Total C	Ship Wgt. L	Notes	OEM
1675	\$105	1/8	1550	230	Slv	5.0	0.8	3.0	3.8	6.8	9		TR	
8661	\$64	1/6	1075	208-230	Slv	3.0	1.3	6.0	4.4	3.8	10.9	10	1, LA	
3400	\$158	1/5	825	208-230	Slv	7.5	1.2	1.6	-		5.7	12	LA	CA
8666	\$132	1/4	825	230	Slv	5.0	1.9	6.0	5.1	4.6	11.6	14		
3851	\$65	1/4	1075	208-230	Slv	5.0	1.7	5.0	4.4	3.8	9.9	14	1	
8230	\$67	1/4	1075	208-230	Slv	5.0	1.6	3.3	-	3.8	7.1	10	2, 3, 4, 5	
8302	\$114	1/4	1075/2	230	Slv	5.0	1.9	6.0	4.9	4.3	11.3	16	LA	
1545	\$103	1/4	1625	208-230	Slv	5.0	1.4	3.5	-	3.8	7.3	13	LA	CA
2342	\$154	1/3	825	115	Ball	5.0	4.5	3.2	-	4.6	7.7	14	LA	AR
8667	\$137	1/3	825	230	Slv	7.5	2.0	6.0	5.6	5.1	12.1	16	2	
6880	\$68	1/3	1075	208-230	Slv	5.0	2.2	5.0	4.9	4.3	9.4	12	1	
1443	\$95	1/3	1075	230	Ball	7.5	2.2	6.0	5.4	4.8	11.8	15	LA	
8301	\$218	1/3	1075/2	230	Slv	7.5	2.2	6.0	5.4	4.8	11.8	15	LA	
3225	\$112	1/3	1075/2	208-230	Ball	5.0	2.8	4.2	-	4.3	8.5	14	LA	CA
3852	\$75	1/2	1075	208-230	Slv	7.5	3.1	5.0	5.4	4.8	10.9	15	1	
1444	\$102	1/2	1075	230	Ball	7.5	3.1	6.0	5.6	5.1	12.2	18		
8348	\$130	1/2	1075/2	230	Slv	10.0	3.3	6.0	5.9	5.3	12.3	16		
9393	\$162	1/2	1075/2	230	Ball	10.0	3.3	6.0	5.9	5.3	12.4	19	LA	
3042	\$92	3/4	1075	208-230	Slv	10.0	4.8	5.0	6.6	6.1	12.1	20		
8665	\$115	3/4	1075	230	Ball	12.5	4.4	6.0	5.9	5.3	12.4	23		
8068	\$320	1	1080	200	Ball	30.0	5.9	4.5	-	6.1	11.1	25	3, 6	LE
1888	\$160	1	1075	208-230	Ball	15.0	5.2	6.0	6.8	6.3	13.4	25	1	

- Note 1 Not Economizer[®]
 Note 2 Stud Extensions Out Both Sides of Motor
 Note 3 No Hub on Lead End
 Note 4 Shaft-End Ventilated, Lead-End Enclosed, Shaft-down Mounting Only
 Note 5 Includes 4 Holes in Shell for Rheem Mount.
 Note 6 5/8" Shaft.
 Note LA Limited Availability
 ★ -- Suggested Distributor Stock Item

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All dimensions given in inches unless otherwise noted.

HVAC Motor OEM Code Reference

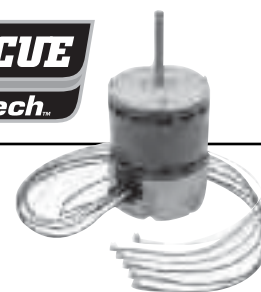
Many HVAC motors have been designed as direct replacement for OEM applications. Such ratings are identified by a two digit code in the right most column of the motors listings. These codes correspond with the following original equipment manufacturers.

Additional information about each of the OEM motors in the OEM Replacement section of the catalog, pages 11-27.

Code	O.E. Manufacturer
AA	Aaron
AD	Addison
SE	Sears
AM	Amana
AR	Arkla
BO	Bohn
CA	Carrier
CO	Copeland
DB	Dunham Bush
FE	Fedders
HR	Hill Refrigeration
HU	Hussman

Code	O.E. Manufacturer
IC	ICP
IE	IEC
LE	Lennox
MQ	McQuay
MI	Miller
RH	Rheem
TE	Tecumseh
TR	Trane
TY	Tyler
WP	Whirlpool
YK	York

RESCUE EcoTech™ High Efficient Direct Drive Blower Motor



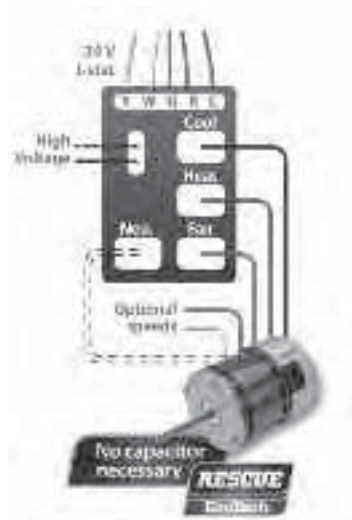
APPLICATIONS:

Drop-in replacement for PSC Direct Drive Commercial and Residential Air Handlers and Furnaces.

FEATURES:

- Electronically Controlled Brushless Permanent Magnet Motor
- 40° C Ambient Rated
- Reversible Rotation
- 48 Frame (5.6" Diameter)
- No Capacitor Required
- 2 Year Warranty
- Electronically Protected Motor
- Continuous Duty, Air Over
- Ball Bearing
- Class B Insulation
- 36" Leads

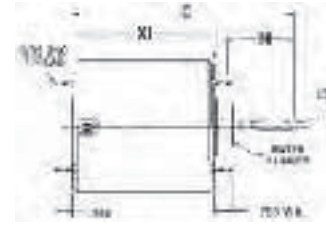
Catalog Number	List Price	HP	RPM	Recommended Cooling Speed	Recommended Heating Speed	Volts	Shaft Dia U x N	Shell XI	Total C	Ship Wgt.
5520ET	\$394	1/3	1075	High (Blk)	Med-Hi (Bl)	115	.50 x 4	5.75	9.75	12.2
		1/4	1075	Med (Pur)	Med-Low (Yel)					
5521ET	\$394	1/3	1075	High (Blk)	Med-Hi (Bl)	208-230	.50 x 4	5.75	9.75	12.2
		1/4	1075	Med (Pur)	Med-Low (Yel)					
5530ET	\$418	1/2	1075	High (Blk)	Med-Hi (Bl)	115	.50 x 4	5.75	9.75	12.2
5531ET	\$418	1/2	1075	High (Blk)	Med-Hi (Bl)	208-230	.50 x 4	5.75	9.75	12.2
5540ET	\$464	3/4	1075	High (Blk)	Med-Hi (Bl)	115	.50 x 4	6.75	10.75	17.8
5541ET	\$464	3/4	1075	High (Blk)	Med-Hi (Bl)	208-230	.50 x 4	6.75	10.75	17.8
5550ET	\$494	1	1075	High (Blk)	Med-Hi (Bl)	115	.50 x 4	7.25	11.25	17.9
5551ET	\$494	1	1075	High (Blk)	Med-Hi (Bl)	208-230	.50 x 4	7.25	11.25	17.9



For illustration purposes only. Actual connections may vary.

- **Up to 82% Efficient** – provides a 29% increase in peak efficiency compared to a conventional PSC blower motors
- **Exclusive Speed-sensing technology** – allows the RESCUE EcoTech motor to connect just like a traditional PSC motor
- **Fits a Wide Variety of Applications** – Will work in both air handlers and furnaces and accepts several mounting methods, including flex mounts
- **Wide Speed Range** – 5 available speeds insure contractors are able to easily meet the system's airflow needs while a low 600 RPM fan speed provides quiet, efficient air circulation.
- **Active Airflow Management** – The RESCUE EcoTech motor's advanced electronic control allows the motor to react to changes in the system, helping to maintain airflow as static pressures change.

RESCUE® Motors Permanent Split Capacitor Condenser Fan 5.6" Diameter, Totally Enclosed Air Over (TEAO)



APPLICATIONS:

Commercial and Residential Condensing Units. Can replace a range of horsepower application and a variety of mounting styles.

FEATURES:

- High 158°F (70°C) Or 140°F (60°C) Ambient Designs
- Automatic Reset Thermal Overload Protector
- Designed For Use With 370V Capacitors
- Special Treated Rotor For Corrosion Protection
- Includes Lead End Mounting Holes For Rheem® Or Trane® Units
- 48" Leads
- Extended Mounting Studs
- Ball Bearings
- Reversible Rotation
- High Efficiency Design
- Continuous Duty, Air Over
- Reversible Rotation



RESCUE® Condenser Motors available in 158°F (70°C) ambient ratings!

Catalog Number	List Price	HP	RPM	Max. Ambient	Speed Tap (RPM)	Volts	Cap. MFD @ 208V	Cap. MFD @ 230V	Amps	Shaft N	Shell XI	Total C	Ship Wgt.	Notes
★ 5464	\$142	1/3	825	140°F(60°C)	High (825)	208-230	10	7.5	1.9	5	5.3	10.3	18	1
		1/4			High (835)		10	7.5	1.5					
		1/5			Low (825)		10	7.5	1.2					
		1/6			Low (825)		10	7.5	1.0					
★ 5464H	\$145	1/3	825	158°F(70°C)	High (825)	208-230	10	7.5	1.9	5	5.3	10.3	18	1
		1/4			High (835)		10	7.5	1.5					
		1/5			Low (825)		10	7.5	1.2					
		1/6			Low (835)		10	7.5	1.0					
★ 5462	\$109	1/3	1075	140°F(60°C)	High (1110)	208-230	7.5	5	2.6	5	4.6	9.6	14	1
		1/4			High (1135)		7.5	5	2.5					
		1/5			Low (1110)		7.5	5	2.0					
		1/6			Low (1125)		7.5	5	1.8					
★ 5462H	\$114	1/3	1075	158°F(70°C)	High (1110)	208-230	7.5	5	2.6	5	4.6	9.6	14	1
		1/4			High (1135)		7.5	5	2.5					
		1/5			Low (1110)		7.5	5	2.0					
		1/6			Low (1125)		7.5	5	1.8					
★ 5465	\$138	1/2	1075	140°F(60°C)	High (1110)	208-230	12.5	10	3.0	5	5.3	10.3	19	1
		1/3			High (1135)		12.5	10	2.2					
		1/4			Low (1110)		12.5	10	1.6					
		1/6			Low (1125)		12.5	10	1.3					
★ 5465H	\$148	1/2	1075	158°F(70°C)	High (1110)	208-230	12.5	10	3	5	5.3	10.3		1
		1/3			High (1135)		12.5	10	2.2					
		1/4			Low (1110)		12.5	10	1.6					
		1/6			Low (1125)		12.5	10	1.3					
★ 5482H	\$160	3/4	1075	158°F(70°C)	High (1115)	208-230	15	15	4	5	6.3	11.875		1
		1/2			High (1145)		15	15	2.8					
		1/3			Low (1115)		15	15	1.9					
		1/4			Low (1145)		15	15	1.4					

460 Volt Rescue Condenser Fan Motors

Catalog Number	List Price	HP	RPM	Max. Ambient	Speed Tap (RPM)	Volts	Cap. MFD	Amps	Shaft N	Shell XI	Total C	Ship Wgt.	Notes
★ 5480H	\$240	1/2	1075	158°F(70°C)	High (1095)	460	10	1.3	5	5.562	11.1	19	1
		1/3			High (1145)			0.9					
		1/4			Low (1100)			0.7					
		1/5			Low (1140)			0.5					
		1/6			Low (1150)			0.5					
★ 5481H	\$260	3/4	1075	158°F(70°C)	High (105)	460	15	2.2	5	6.3	11.857	22	1
		1/2			High (1135)			1.3					
		1/3			Low (1070)			1.1					
		1/4			Low (1130)			0.7					

Note 1 Side Shell & Lead End Mounting Screws Included In Carton

★ — Suggested Distributor Stock Item

RESCUE® Motors Permanent Split Capacitor Direct Drive Fan & Blower, 5.6" Diameter, Open, Air Over

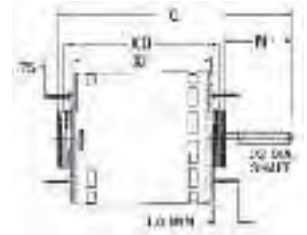


APPLICATIONS:

Commercial and Residential Air Handlers and Furnaces. Can replace a range of horsepower applications and a variety of mounting styles.

FEATURES:

- Extended Mounting Studs
- Designed For Use With 370v Capacitors
- Class B Insulation
- 36" Leads
- High Efficiency Design®
- Includes Side Shell Holes For Rheem® Units
- Continuous Duty, Air Over
- Reversible Rotation
- Automatic Reset Thermal Overload Protector
- 2.5" Dia. Hub Rings Included



Catalog Number	List Price	HP	Cool Speed Tap (Approx. RPM)	Heat Speed Tap (Approx. RPM)	Volts	Bearings	Cap MFD	Amps	Shaft N	Base XD	Shell XI	Total C	Ship Wgt.	Notes	
★ 5469	\$170	1/3	High (825)	Med-Hi (825)	208-230	Slv	7.5	2.4	2.2		4.6	6.74	17	1	
		1/4	Med-Hi (825)	Med-Lo (825)				7.5	1.7						
		1/8	Med-Lo (825)	Low (825)				7.5	0.9						
★ 5460	\$115	1/2	High (1100)	Med-Hi (1050) or Med-Low (825)	115	Slv	10	7.3	5.0	5.4	4.8	9.8	15	1, 2	
		1/3	High (1120)	Med-Hi (1090) or Med-Low (1030)				5	6.9						
		1/4	Med-Hi (1125)	Med-Low (1090) or Low (1010)				5	5.5						
		1/5	Med-Low (1110)	Low (1060)				5	3.6						
		1/6	Low (1085)	Low (1085)				5	2.8						
★ 5461	\$118	1/2	High (1100)	Med-Hi (1050) or Med-Low (825)	208-230	Slv	10	3.6	5.0	5.4	4.8	9.8	15	1, 2	
		1/3	High (1120)	Med-Hi (1090) or Med-Low (1030)				5	3.5						
		1/4	Med-Hi (1125)	Med-Low (1090) or Low (1010)				5	2.8						
		1/5	Med-Low (1110)	Low (1060)				5	1.9						
		1/6	Low (1085)	Low (1085)				5	1.3						
★ 5470	\$138	3/4	High (1110)	Med-Hi (1080) or Med-Low (1010)	115	Ball	20	8.1	5.0	6.6	6.1	11.6	22	1	
		1/2	High (1130)	Med-Low (1090) or Low (1035)				10	6.6						
		1/3	Med-Hi (1150)	Med-Low (1130) or Low (1100)				10	4.6						
		1/4	Med-Low (1150)	Low (1130)				10	3.8						
		1/5	Low (1140)	Low (1140)				10	3.1						
★ 5471	\$141	3/4	High (1110)	Med-Hi (1080) or Med-Low (1010)	208-230	Ball	20	3.8	5.0	6.6	6.1	11.6	21	1	
		1/2	High (1130)	Med-Low (1090) or Low (1035)				10	3.7						
		1/3	Med-Hi (1150)	Med-Low (1130) or Low (1100)				10	2.5						
		1/4	Med-Low (1150)	Low (1130)				10	1.8						
		1/5	Low (1140)	Low (1140)				10	1.7						

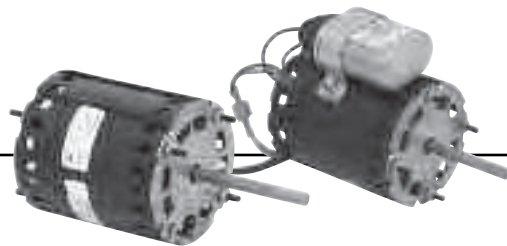
Note 1 Screws For Shell Mounting Included In Carton

Note 2 For 1/3 To 1/6 HP, if more air flow is needed, a 7.5 mfd capacitor may be used.

★ — Suggested Distributor Stock Item

Shaded Pole & PSC OEM Direct Replacements

3.3" Diameter, Open, Air Over



APPLICATIONS:

OEM replacements for use on direct drive fan & blowers.

FEATURES:

- Four 8-32 x 3/4" Stud Extensions At Each End
- Sleeve Bearings Have All Angle Thrust System
- Automatic Reset Thermal Overload Protector
- 12" Leads

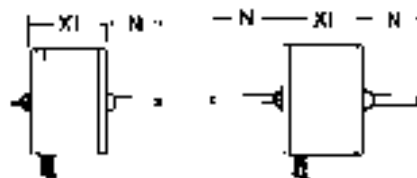


Figure A

Figure B

Catalog Number	List Price	HP	RPM	Volts	Enclosure	Rotation Shaft End	Amps	Figure	Shell XI	Shaft Dia. x N*	Ship Wgt.	Notes
Bohn												
★ 9650	\$99	1/15	1550	208-230	OAO	CW	1.10	A	3.5	0.31 x 3	4	1, 5
★ 9656	\$117	1/15	1550	208-230	OAO	CCW/Rev	0.60	A	4.15	0.31 x 2.56	4	1, 4, 5
★ 9664	\$131	1/12-1/20	1550	115/230	OAO	CW/Rev	1.3/0.7	A	4.15	0.31 x 2.5	4	4, 5
★ 9651	\$98	1/20	1550	115	OAO	CW	1.90	A	3.4	0.31 x 3	4	1, 5
★ 9662	\$115	1/20	1550	115	OAO	CCW	1.3	A	4.2	0.31 X 3.0	4	1, 4, 5
Fedders												
★ 9648	\$80	1/20	1550	208-230	OAO	CW	0.87	A	3.15	0.31 x 2.25	4	
Krack												
★ 9654	\$120	1/20	1550	115/208-230	TEAO	CW	1.50/0.75	A	3.4	0.31 x 1.63	4	2, 5
★ 9663	\$189	1/20	1550	115/230	OAO	CCW	1.4/0.7	A	4.1	0.31 X 1.6	4	2, 5
Kramer/Trenton												
★ 9655	\$97	1/20	1550	230	OAO	CW	0.81	A	3	0.31 x 2.25	4	1
Larkin												
★ 9653	\$105	1/20	1550	115	OAO	CCW	1.80	A	3.15	0.31 x 2.25	4	1, 5
★ 9652	\$109	1/20	1550	230	OAO	CCW	0.87	A	3.15	0.31 x 2.25	4	1, 5
Tecumseh												
★ 9665	\$145	1/30	1500	230	OFC		0.86	A	4.38	.31 x 1.8	4	

- Note 1 Includes Special Cord And Plug
 Note 2 Includes Special Mounting Lugs, No Threaded Studs
 Note 3 Includes Conduit Box Mounted On Side Of Motor
 Note 4 PSC With Capacitor

- Note 5 Ball Bearings
 *As Measured From Motor Face

★ — Suggested Distributor Stock Item

OEM Replacement Draft Inducer Blowers & Motors

APPLICATIONS:

80+, 90+ natural gas furnaces and package units to induce a draft through the heat exchanger.

FEATURES:

- OEM approved designs
- Sleeve and ball bearing models
- Automatic reset thermal reset overload protector
- Shaded pole design

Catalog Number	List Price	Volts	Amps	Speeds	Bearings	OEM	Industry Number
3104	\$209	208-230	0.6	1	Sleeve	Rheem	70-100331-01, 119258-00
3105	\$162	115	1.4	1	Sleeve	Goodman	B40590-00, J238-11195, A182, 7002-3036
3106	\$177	115	1.4	1	Ball	Goodman	B18590-05, J238-11128, A157, 7002-2307, 7002-2771, 7002-3219, 4MH09, R7-RFB185
3108	\$251	208-230	1.4	1	Ball	Goodman	B29590-00, J238-1366, A162, 7021-8656
3111	\$218	115	1.6	1	Ball	ICP	1013833, J238-1393
3113	\$254	208-230	0.66	1	Sleeve	ICP	1054268, 119253-00, A148, 9446
3114	\$243	208-230	0.98	1	Sleeve	ICP	1110008, 119254-00, A169, 7021-10048, 7021-10580, 1085571P
3120	\$171	115	1.3	1	Ball	Lennox	88K8401, J238-8171
3121	\$294	115	3.3	1	Ball	Lennox	67K0401, 117813-00, 7021-9450, A163
3122	\$311	115	1.2	1	Ball	Armstrong	40404-003, 117521-01
3124	\$189	115	1	1	Ball	Trane	787P01, J238-1344, A143, 944, 7021-8013, 7021-8428, 7021-8924, 7021-9055, 7021-9913, 7021-10281, BLW473, D330787P01



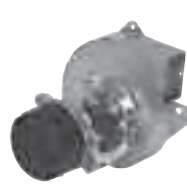
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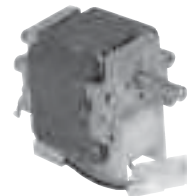
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3106



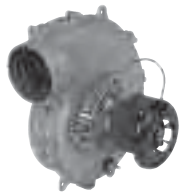
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3109



3110



3111



3113



3114



3115



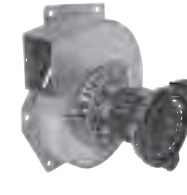
3120



3121



3122



3124

OEM Replacement for Specific Manufacturers



AAON

Commercial Condenser Fan

Replaces: K55HXTSD9941, F48F37A27, F48SP6V9, OAN1076

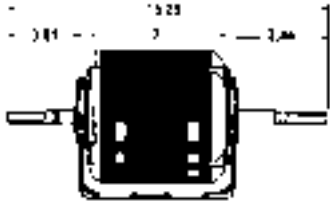
HP: 3/4
RPM: 1075
Volts: 460

Amps: 2.7
Dia. 5.6"
Wt. 19 lbs.

PSC, ball bearings, enclosed shaft end, four 98" leads, reversible rotation, thermally protected, 12.5 MFD capacitor – not supplied.

8233

List Price: **\$244**



ADDISON/SEARS

PC-29 Mobile Home Packaged A/C

Replaces: 8101-338, K55TXGGP3933

HP: 3/4
RPM: 1625
Volts: 230

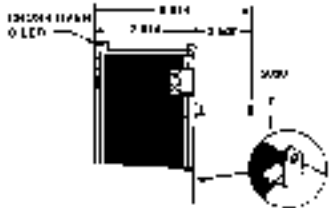
Amps: 5.2
Dia. 5.6"
Wt. 22 lbs.

PSC, open air over, automatic reset thermal overload protector, sleeve bearings, double flats on 1/2" dia. shaft, 34" leads, Class B, 48Y frame, CWLE, 7.5 MFD capacitor — not supplied.

8231

List Price: **\$265**

LIMITED STOCK



AMANA

Packaged Terminal Air Conditioner

Replaces: C6397901, K48HXBLF1001

HP: 1/20
RPM: 1075/3
Volts: 208-230

Amps: 0.5
Dia. 5.0"
Wt. 10 lbs.

PSC, open air over, automatic reset thermal overload protector, sleeve bearings, 34" leads, CWLE, 3 Lugs (one notched) on S.E., 4.0 MFD capacitor — not supplied.

3034

List Price: **\$131**

LIMITED STOCK



AMANA

Packaged Terminal Air Conditioner

Replaces: D98432-02Q

HP: 1/12
RPM: 1200/2
Volts: 208-230

Amps: .56
Dia. 5.6"
Wt. 10 lbs.

PSC, totally enclosed air over, sleeve bearings, 18" leads, CWLE, automatic reset thermal overload protector, 1/2" dia. shaft with flat. 4.0 MFD capacitor — not supplied.

3033

List Price: **\$176**

LIMITED STOCK



AMANA

Packaged Terminal Air Conditioner

Replaces: K33HXCDR-934, 10292803

HP: 1/15
RPM: 1475/1375
Volts: 265

Amps: .46
Dia. 3.3"
Wt. 5 lbs.

PSC, enclosed end shield lead end, 2 lugs shaft end 60° apart, third lug at 180°, 1/4" holes on 5" bolt circle, 2 5/16" x 5/16" shaft.

3037

List Price: **\$145**

Unless otherwise noted, all capacitors are 370 volts.

OEM Replacement for Specific Manufacturers

GENERAL INFORMATION

HVACR

VENTILATION

COOLING TOWER

PUMP MOTORS

GEN. PURPOSE SINGLE PHASE

GEN. PURPOSE THREE PHASE

ACCESSORIES & PARTS

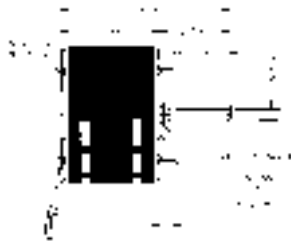
MOTOR TERMINOLOGY

CROSS REFERENCE

MOTOR SELECTION GUIDE

TERMS & CONDITIONS

INDEX



BOHN

Condenser Fan

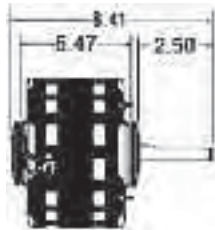
1176

List Price: **\$227**

Replaces: K48HXBWG1176, F48HXCNF1506, 5024T

HP: 1/8 Amps: 1.1
 RPM: 1550/1 Dia. 5.0"
 Volts: 208-230 Wt. 9 lbs.

Features 60" leads, extended tie rods SE, automatic reset thermal overload protector, BX connector, rotation CCW lead end, 2 3/4" x 1/2" shaft.



CARRIER

Direct Drive Blower

1410

List Price: **\$191**

Replaces: 62814-D5, K55HXFBK5867

HP: 1/3 Amps: 5.3
 RPM: 1075/4 Dia. 5.6"
 Volts: 115 Wt. 16 lbs.

PSC, open air over, automatic reset thermal overload protector, sleeve bearings, 30" leads with molex plug, CCWLE reversible rotation, 2 1/2" hub rings, 7.5 MFD capacitor — not supplied.



CARRIER

Condenser Fan – "The Round One"

1545

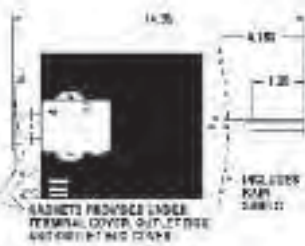
List Price: **\$155**

LIMITED STOCK

Replaces: KA55HXECD672

HP: 1/4 Amps: 1.4
 RPM: 1625 Dia. 5.6"
 Volts: 208-230 Wt. 13 lbs.

PSC, open air over, automatic reset thermal overload protector, sleeve bearings, 20" leads, CCWLE, single flat on 1/2" dia. shaft, 5.0 MFD capacitor — not supplied.



CARRIER

Commercial Condenser

1816

List Price: **\$450**

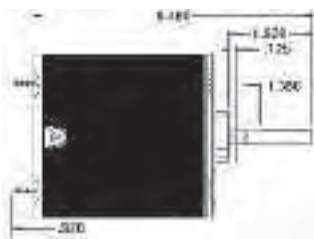
Replaces: HD52VE214, 5K49UN6084S

HP: 1 Amps: 3.5-3.3/1.7
 RPM: 1140 Dia. 6.3"
 Volts: 208-230/460 Wt. 35 lbs.

Three phase, open drip-proof, rain shield on shaft end, automatic reset thermal overload protector, shaft-up mounting, 5/8" x 3" shaft.

Unless otherwise noted, all capacitors are 370 volts.

OEM Replacement for Specific Manufacturers



CARRIER

Condenser Fan

Replaces: HC37GE208, 5KCP39GFR62BAS

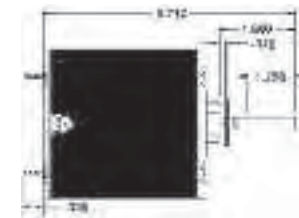
HP: 1/5 Amps: 1.2
RPM: 825 Dia. 5.6"
Volts: 208-230 Wt. 12 lbs.

PSC, open air over, automatic reset thermal overload protector, sleeve bearings, 48" leads, CWLE, single flat on 1/2" dia. shaft, 7.5 MFD capacitor — not supplied.

3400

List Price: **\$232**

LIMITED STOCK



CARRIER

Condenser Fan

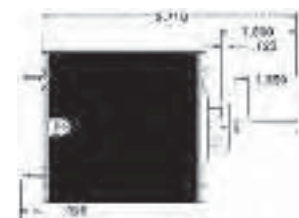
Replaces: HC31GE232, 5KCP39BGS162S

HP: 1/12 Amps: 0.7
RPM: 1100 Dia. 5.6"
Volts: 208-230 Wt. 9 lbs.

PSC, totally enclosed air over, automatic reset thermal overload protector, sleeve bearings, 48" leads, CWLE, single flat on 1/2" dia. shaft, 5 MFD capacitor — not supplied.

3401★

List Price: **\$118**



CARRIER

Condenser Fan

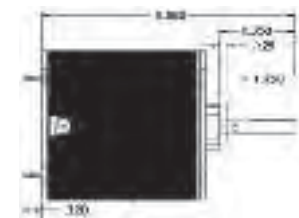
Replaces: HC33GE233, 5KCP39BGS069S

HP: 1/10 Amps: 0.8
RPM: 1100 Dia. 5.6"
Volts: 208-230 Wt. 9 lbs.

PSC, totally enclosed air over, automatic reset thermal overload protector, sleeve bearings, 48" leads, CWLE, single flat on 1/2" dia. shaft, 5 MFD capacitor — not supplied.

3402★

List Price: **\$125**



CARRIER

Condenser Fan

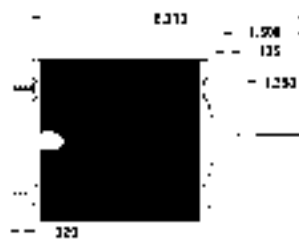
Replaces: HC39GE237, 5KCP39EGS070S

HP: 1/4 Amps: 1.8
RPM: 1100 Dia. 5.6"
Volts: 208-230 Wt. 11 lbs.

PSC, totally enclosed air over, sleeve bearings, 48" leads, CWLE, automatic reset thermal overload protector, 1/2" dia. shaft, 5.0 MFD capacitor — not supplied.

3403★

List Price: **\$134**



CARRIER

Condenser Fan

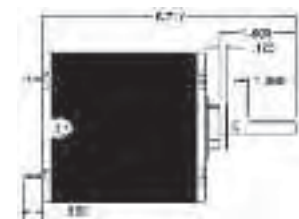
Replaces: HC39GE236, 5KCP39BGS071S

HP: 1/4 Amps: 1.8
RPM: 1100 Dia. 5.6"
Volts: 208-230 Wt. 12 lbs.

PSC, totally enclosed air over, automatic reset thermal overload protector, sleeve bearings, 45" leads, CWLE, 1/2" dia. shaft, 5 MFD capacitor — not supplied.

3404★

List Price: **\$157**



CARRIER

Condenser Fan

Replaces: HC33GE208, 5KCP39BGR201BS

HP: 1/6 Amps: 0.8
RPM: 1500 Dia. 5.6"
Volts: 208-230 Wt. 9 lbs.

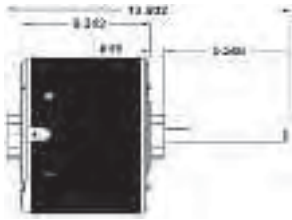
PSC, totally enclosed air over, automatic reset thermal overload protector, sleeve bearings, 48" leads, CWLE, 1/2" dia. shaft, 5 MFD capacitor — not supplied.

3405★

List Price: **\$144**

★ — Suggested Distributor Stock Item Unless otherwise noted, all capacitors are 370 volts.

OEM Replacement for Specific Manufacturers



CARRIER

Condenser Fan

Replaces: D804, 5KCP39PGC238S

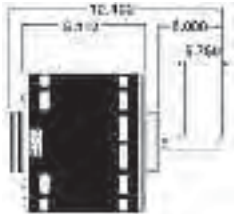
3330

List Price: **\$203**

LIMITED STOCK

HP: 1/2
RPM: 1075
Volts: 208-230
Amps: 5.1
Dia.: 5.6"
Wt.: 20 lbs.

PSC, totally enclosed air over, automatic reset thermal overload protector, ball bearings, 16" leads, CCWLE, 7.5 MFD capacitor — not supplied.



CARRIER

Direct Drive Blower

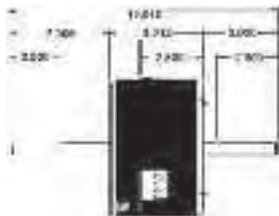
Replaces: D838, HC45SE116, SC435X101, HC435SE116

3340

List Price: **\$265**

HP: 3/4
RPM: 1075/4
Volts: 115
Amps: 12.1
Dia.: 5.6"
Wt.: 18 lbs.

PSC, open air over, automatic reset thermal overload protector, sleeve bearings, 27" leads, reversible rotation, 7.5 MFD capacitor — not supplied.



CARRIER

Packaged Terminal Air Conditioner

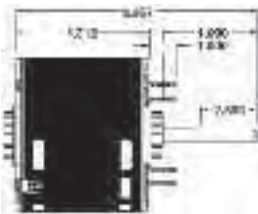
Replaces: D848, HC37MB-730, 51PH124275

3360

List Price: **\$165**

HP: 1/5
RPM: 1040/3
Volts: 265-277
Amps: 1.3
Dia.: 5.6"
Wt.: 12 lbs.

PSC, totally enclosed air over, sleeve bearings, 3 speeds, automatic reset thermal overload protector, 51" leads, 3.0 MFD capacitor — not supplied.



COLEMAN, ARVIN, BOHN, DELTA THERM, FRIEDRICH

Direct Drive Blower

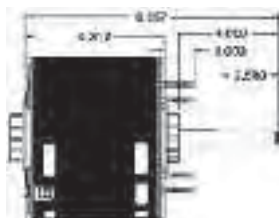
Replaces: 390, D150, A935, 5002-L, 4070-311

1390★

List Price: **\$125**

HP: 1/4
RPM: 1050/3
Volts: 115
Amps: 2.8
Dia.: 5.0"
Wt.: 11 lbs.

PSC, automatic reset thermal overload protector, sleeve bearings, 33" leads, CCWLE, reversible rotation, 4 additional mounting studs included separately, endshields open, both ends, 7.5 MFD capacitor — not supplied.



COLEMAN, ARVIN, BOHN

Direct Drive Blower

Replaces: 391, D151, A6262, 5002-M 3400A312

1391★

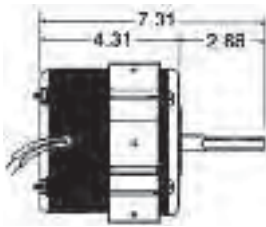
List Price: **\$127**

HP: 1/4
RPM: 1050/3
Volts: 208-230
Amps: 1.5
Dia.: 5.0"
Wt.: 12 lbs.

PSC, automatic reset thermal overload protector, sleeve bearings, 33" leads, CCWLE, reversible rotation, 4 additional mounting studs included separately, endshields open, both ends, 7.5 MFD capacitor — not supplied.

★ — Suggested Distributor Stock Item Unless otherwise noted, all capacitors are 370 volts.

OEM Replacement for Specific Manufacturers



COPELAND

Condenser Fan

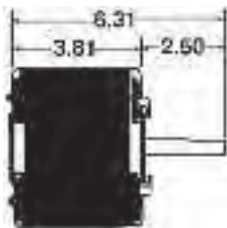
Replaces: 050-0242-00, 050-0103-00, F48NY741

HP: 1/6 Amps: 2.8
RPM: 1550 Dia.: 5.0"
Volts: 230 Wt.: 13 lbs.

Shaded pole, open air over, automatic reset thermal overload protector, sleeve bearings, 26" leads, CWLE, double flats on 1/2" dia. shaft, special mounting ring on shell.

1527

List Price: **\$200**



COPELAND

Condenser Fan - Head Cooling

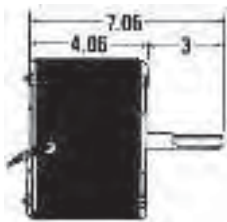
Replaces: 050-0167-002, F48BGP1092, 5KSP29BG5012S, 5KSP21DG2162

HP: 1/20 Amps: 1.3
RPM: 1550/1300 Dia.: 5.0"
Volts: 230 Wt.: 10 lbs.

Shaded pole, 60/50 Hz, enclosed except shaft end, automatic reset thermal overload protector, sleeve bearings, CWLE, tapped mounting bracket on 1/2 dia. shaft end.

1989

List Price: **\$175**



COPELAND

Condenser Fan

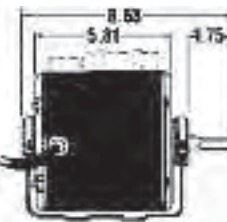
Replaces: 050-0238-00, K55BZY1439, 5KCP39GG-3537S, 050-0107-01

HP: 1/4 Amps: 2.1
RPM: 1550 Dia.: 5.6"
Volts: 230 Wt.: 13 lbs.

PSC, open air over, automatic reset thermal overload protector, sleeve bearings, 32" leads, CWLE, double flats on 1/2" dia. shaft, 5.0 MFD capacitor included.

6124

List Price: **\$189**



COPELAND

Condenser Fan

Replaces: 050-0108-00, K55HXECE2645, 050-0018-00

HP: 1/3 Amps: 2.4
RPM: 1625 Dia.: 5.6"
Volts: 230 Wt.: 17 lbs.

PSC, 50/60 Hz, totally enclosed air over, automatic reset thermal overload protector, sleeve bearings, 36" leads, CWLE, motor to be mounted in a horiz. position only, 4.0 MFD capacitor included and mounted.

6127

List Price: **\$206**



COPELAND

Condenser Fan

Replaces: 050-0251-00

HP: 1/6 Amps: 1.1
RPM: 1550 Dia.: 5.6"
Volts: 208-230 Wt.: 17 lbs.

PSC, 50/60 Hz, open air over, automatic reset thermal overload protector, sleeve bearings, 32" leads, CWLE, double flats on 1/2" dia. shaft, horizontal mount only, 3.0 MFD capacitor included.

6128

List Price: **\$205**



COPELAND

Condenser Fan

Replaces: 050-0250-00

HP: 1/4 Amps: 1.5
RPM: 1625 Dia.: 5.6"
Volts: 208-230 Wt.: 17 lbs.

PSC, 50/60 Hz, open air over, automatic reset thermal overload protector, sleeve bearings, 36" leads, CWLE, double flats on 1/2" dia. shaft, horizontal mount only, 5.0 MFD capacitor included and mounted.

6129

List Price: **\$213**

Unless otherwise noted, all capacitors are 370 volts.



DUNHAM BUSH

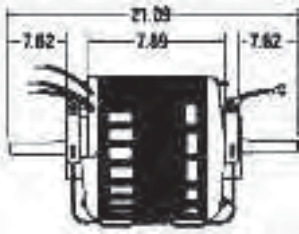
Commercial Condenser Fan - Three Phase

1326

List Price: **\$378**

Replaces: PO55SYTLN1326, MM-2860-305

HP: 1 **Amps:** 3.5-3.3/1.7 Open end shield opposite shaft end, terminal board shaft end, three phase, reversible rotation, 1/2" diameter shaft, automatic thermal protector.
RPM: 1140 **Dia.:** 5.6"
Volts: 200-230/460 **Wt.:** 19 lbs.



FEDDERS

Packaged Terminal Air Conditioner

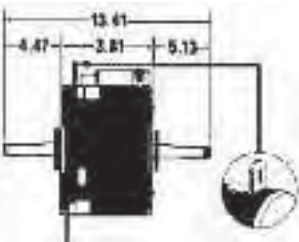
2328

List Price: **\$402**

Replaces: S199-00011-001, S119-00011-002, K63TXMR1109, 5KCP45PG-133T

LIMITED STOCK

HP: 3/4 **Amps:** 4.0 PSC, open air over, automatic reset thermal overload protector, sleeve bearings, 22" leads, CCWLE, resilient base, 5/8" dia. shaft, with single flats, 10 MFD capacitor — not supplied.
RPM: 1075 **Dia.:** 6.3"
Volts: 208-230 **Wt.:** 34 lbs.



GIBSON, KELVINATOR

Room A/C

1152

List Price: **\$155**

Replaces: RE133, 80431

LIMITED STOCK

HP: 1/5 **Amps:** 1.4 PSC, open air over, automatic reset thermal overload protector, sleeve bearings, 33" leads, CCWLE, 120° mounting lugs, 5.0 MFD capacitor included and mounted.
RPM: 1075/3 **Dia.:** 5.6"
Volts: 230 **Wt.:** 13 lbs.



HEATCRAFT



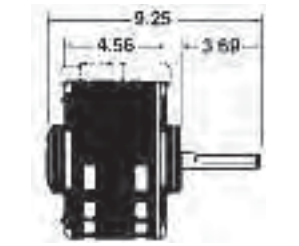
Condenser Fan

6986

List Price: **\$179**

Replaces: 7071208, K55HXPZZ-7698

HP: 1/3 **Amps:** 3.5 PSC, open air over, enclosed shaft end, resilient mount, automatic reset thermal overload protector, 1/2" x 4" shaft, capacitor included, 50/60Hz.
RPM: 1075 **Dia.:** 5.6"
Volts: 208-230 **Wt.:** 18 lbs.



HILL REFRIGERATION

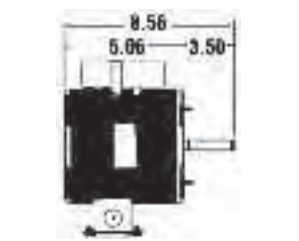
Condenser Fan

7232

List Price: **\$209**

Replaces: K55HXHCN4370, KCP39KG1369S, 3001, 82001, M-Z-008, F112, D801

HP: 1/3 **Amps:** 2.9 PSC, open air over, automatic reset thermal overload protector, sleeve bearings, 32" leads, 2 1/2" hub rings, CWLE reversible rotation, 3/8" flexible connector, 6.0 MFD capacitor included and mounted.
RPM: 1625 **Dia.:** 5.6"
Volts: 208-230 **Wt.:** 16 lbs.



HUSSMANN

Condenser Fan

644

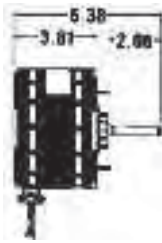
List Price: **\$195**

Replaces: 259983, K55HXCTP9963, D890

HP: 1/2 **Amps:** 2.7 PSC, 50/60 Hz, open end shield-OLE, automatic reset thermal overload protector, ball bearings, 36" leads, CWLE, 0.44" studs, 5.0 MFD capacitor supplied and mounted.
RPM: 1725 **Dia.:** 5.6"
Volts: 208-230 **Wt.:** 15 lbs.

Unless otherwise noted, all capacitors are 370 volts.

OEM Replacement for Specific Manufacturers



HUSSMANN

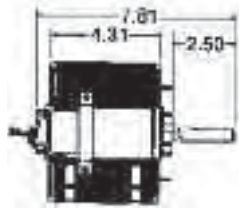
Condenser Fan

1645
List Price: \$205

Replaces: PO11-96202, K55HXKWB8574, K55HXHWR4884, D807, 3057, 174

HP: 1/6 **Amps:** 1.4 PSC, open air over, automatic reset thermal overload protector, ball bearings, 36" leads, CWLE, 1/2" studs, 3.0 MFD capacitor supplied.
RPM: 1550 **Dia.:** 5.6"

Volts: 208-230 **Wt.:** 12 lbs.



HUSSMANN

Condenser Fan

1648
List Price: \$190

Replaces: PO11-96203, K55HXKWA8573, K55HXCLN1782

HP: 1/5 **Amps:** 2.0 Open air over, automatic reset thermal overload protector, ball bearings, 24" leads, CWLE, 0.44" leads, 4.0 MFD capacitor supplied and mounted.
RPM: 1075 **Dia.:** 5.6"

Volts: 208-230 **Wt.:** 13 lbs.



ICP

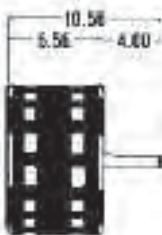
Condenser Fan

1123
List Price: \$200

Replaces: K055HXJZW3138, 1052820

HP: 1/4 **Amps:** 1.4 Totally enclosed, 39" leads with amp connector, clockwise rotation lead end, 5.0 MFD capacitor not supplied, 5/8" x 2 1/2" shaft, thermally protected.
RPM: 840/1 **Dia.:** 5.6"

Volts: 208-230 **Wt.:** 16 lbs.



ICP

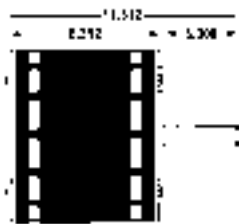
Direct Drive Blower

1125
List Price: \$225

Replaces: K55HXBLW6108, ICP#1008619, K55HXFFA7697

HP: 3/4 **Amps:** 11.9 PSC, open air over, automatic reset thermal overload protector, sleeve bearings, 30" leads, CCWLE, 1/2" dia. shaft x 4" with flat, 10 MFD capacitor — not supplied.
RPM: 900/4 **Dia.:** 5.6"

Volts: 115 **Wt.:** 20 lbs.



ICP

Direct Drive Blower

4670
List Price: \$216

Replaces: K55HXNHN4665, ICP HQ1054586EM

HP: 1 **Amps:** 6.0 PSC, open air over, automatic reset thermal overload protector, sleeve bearings, 21" leads, CCWLE, terminal plug on side of motor, 5/8" dia. shaft, 20.0 MFD capacitor — not supplied.
RPM: 1100/4 **Dia.:** 5.6"

Volts: 208-230 **Wt.:** 20 lbs.



LENNOX

Condenser Fan

1901
List Price: \$139

Replaces: K48HXEMG3494, 31L1901

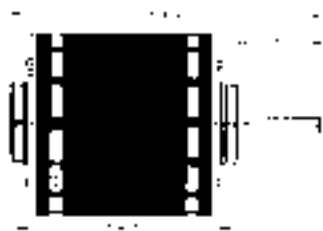
HP: 1/6 **Amps:** 1.0 PSC, totally enclosed air over, automatic reset thermal overload protector, sleeve bearing, 35" leads, CCWLE, 5.0 MFD capacitor — not supplied.
RPM: 1075 **Dia.:** 5"

Volts: 208-230 **Wt.:** 10 lbs.

Unless otherwise noted, all capacitors are 370 volts.

OEM Replacement for Specific Manufacturers

GENERAL INFORMATION
HVACR
VENTILATION
COOLING TOWER
PUMP MOTORS
GEN. PURPOSE SINGLE PHASE
GEN. PURPOSE THREE PHASE
ACCESSORIES & PARTS
MOTOR TERMINOLOGY
CROSS REFERENCE
MOTOR SELECTION GUIDE
TERMS & CONDITIONS
INDEX



LENNOX

Direct Drive Fan & Blower

Replaces: K55HXTMS9565, 28F0101

3275

List Price: **\$192**

HP: 3/4 Amps: 10.0
RPM: 1075/4 Dia. 5.6"
Volts: 115 Wt. 17 lbs.

Totally open, mounting rings both ends, 46" leads, CCWLE, 40 MFD capacitor — not supplied, 1/2" x 2 1/2" shaft, 2 1/2" hubs, ball bearings, thermally protected.



LENNOX

Belt Drive Blower

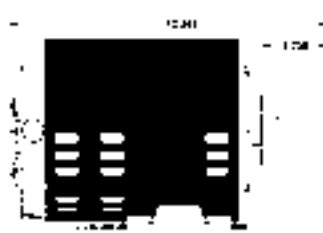
Replaces: 23G3901, P63PYCJD2723

7913

List Price: **\$393**

HP: 1 1/2 Amps: 5.0/2.5
RPM: 1725 Dia. 6.3"
Volts: 200-230/460 Wt. 39 lbs.

Polyphase, ODP, 56HZ frame, automatic reset thermal overload protector, ball bearings, reversible rotation, 7/8" x 2 1/4" shaft.



LENNOX

Commercial Blower

Replaces: 23G4001, P63TYCJE2724

7914

List Price: **\$420**

HP: 2 Amps: 7.6-7.8/3.9
RPM: 1725 Dia. 6.3"
Volts: 200-230/460 Wt. 45 lbs.

Single speed, three phase, automatic reset thermal overload protector, ODP, rigid welded base, reversible rotation, 7/8" x 2 1/4" shaft with key way.



LENNOX

Belt Drive Blower

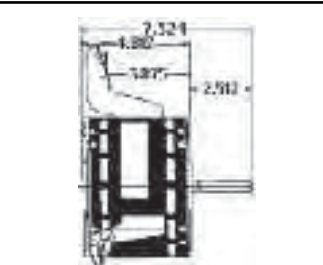
Replaces: 23G4101, P63MZCJF2725

7915

List Price: **\$519**

HP: 3 Amps: 9.0-9.2/4.6
RPM: 1725 Dia. 6.3"
Volts: 200-230/460 Wt. 47 lbs.

Polyphase, ODP, 56HZ frame, automatic reset thermal overload protector, ball bearings, reversible rotation, 7/8" x 2 1/4" shaft.



LENNOX

Direct Drive Blower

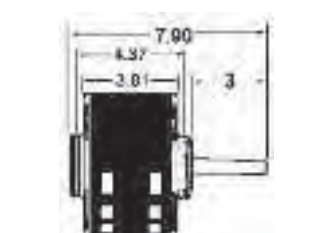
Replaces: 65G5901, KA55HXJAK2549, 5KCP39NGM981AS

8052

List Price: **\$149**

HP: 1/3 Amps: 1.9
RPM: 825/3 Dia.: 5.6"
Volts: 230 Wt.: 14 lbs.

PSC, open air over, flexible (3) ear mount, automatic reset thermal overload protector, sleeve bearings, CCWLE, 3 speed, 15 MFD capacitor — not supplied.



LENNOX

Condenser Fan

Replaces: P-8-3132, K55HXBMJ1121

8053

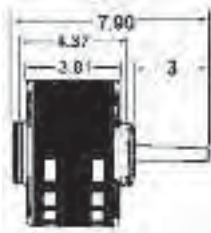
List Price: **\$141**

HP: 1/6 Amps: 1.4
RPM: 1075 Dia.: 5.6"
Volts: 230 Wt.: 10 lbs.

PSC, open air over, automatic reset thermal overload protector, sleeve bearings, 40" leads, CCWLE, 2 1/2" hub rings, 5.0 MFD capacitor — not supplied.

★ — Suggested Distributor Stock Item Unless otherwise noted, all capacitors are 370 volts.

OEM Replacement for Specific Manufacturers

**LENNOX**

Condenser Fan

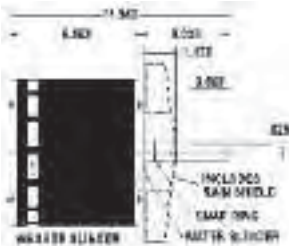
Replaces: P-8-2702, K55HXBWE1351, KCP39GGA124S

8054★**List Price: \$163**

HP: 1/4
RPM: 1075
Volts: 230

Amps: 1.9
Dia.: 5.6"
Wt.: 12 lbs.

PSC, open air over, automatic reset thermal overload protector, sleeve bearings, 40" leads, CCWLE, 2 1/2" hub rings, 4.0 MFD capacitor — not supplied.

**LENNOX**

Condenser Fan

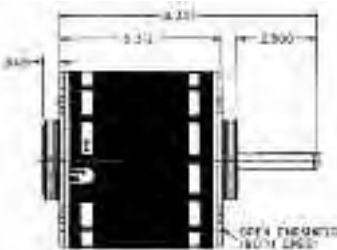
Replaces: 88C7301, K55HXBSF-9500

**8055****List Price: \$415**

HP: 1
RPM: 1080
Volts: 460

Amps: 2.5
Dia.: 5.6"
Wt.: 20 lbs.

PSC, open lead end, ball bearing, automatic reset thermal overload protector, shaft up mount with shield, 5/8" x 5" shaft, 15.0 MFP capacitor — not supplied.

**LENNOX**

Direct Drive Fan & Blower

Replaces: K055HXTNL9630, 43G5201

8056**List Price: \$314**

HP: 3/4
RPM: 1075/3
Volts: 460

Amps: 2.3
Dia.: 5.6"
Wt.: 19 lbs.

PSC, single phase, sleeve bearings, totally open, mounting rings both ends, 36" leads, 20 MFD 370V capacitor — not supplied, CCWLE, 1/2" x 2 1/2" shaft.

**LENNOX**

Commercial Condenser Fan

Replaces: P63SYTNN4087, 94G0001

8058**List Price: \$360**

HP: 1
RPM: 1140
Volts: 200-230/460

Amps: 3.6/1.8
Dia.: 6.3"
Wt.: 30 lbs.

Three phase, enclosed end shield shaft end, automatic reset thermal overload protector, ball bearings, vertical shaft up application, 56Z frame, reversible rotation, 5/8" dia. shaft.

**LENNOX**

Direct Drive Fan & Blower

Replaces: K055HXTNT9653, 70C1601

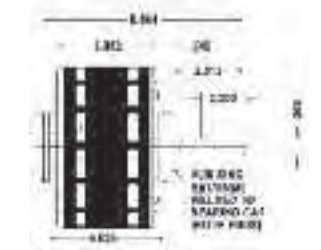
8060**List Price: \$231**

LIMITED STOCK

HP: 1/3
RPM: 1075/3
Volts: 208-230

Amps: 2.0
Dia.: 5.6"
Wt.: 11 lbs.

PSC, sleeve bearings, totally open, mounting ring shaft end, extended studs lead end, CCWLE, 5 MFD capacitor — not supplied, 1/2" x 2 1/2" shaft.

**LENNOX**

Direct Drive Blower

Replaces: 81G5101, K55HXJJT-2904

8064**List Price: \$194**

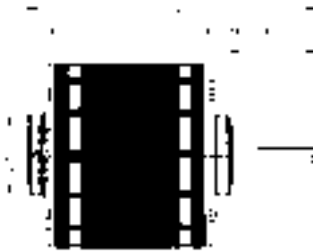
HP: 1/2
RPM: 825/3
Volts: 208-230

Amps: 4.4
Dia.: 5.6"
Wt.: 21 lbs.

PSC, open air over, sleeve bearings, automatic reset thermal overload protector, ring/stud mount, 1/2" x 2-1/2" shaft, 20 MFD capacitor — not included.

★ — Suggested Distributor Stock Item Unless otherwise noted, all capacitors are 370 volts.

OEM Replacement for Specific Manufacturers



LENNOX

Direct Drive Fan & Blower

Replaces: K55HXTNW9654, 18J9601

8066

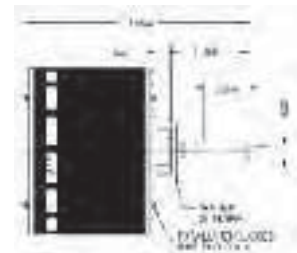
List Price: **\$225**

LIMITED STOCK

HP: 3/4
RPM: 1075/3
Volts: 208-230

Amps: 4.5
Dia.: 5.6"
Wt.: 18 lbs.

Open ventilation, terminal block connector, automatic reset thermal overload protector, 2 1/2" mounting rings each end, CCWLE, 10 MFD capacitor — not supplied, 1/2" x 2 1/2" shaft.



LENNOX

Direct Drive Fan & Blower

Replaces: 88C7501, K55HXBSF-9468

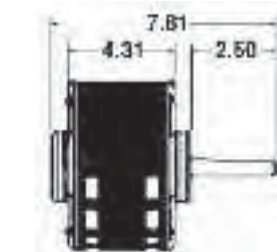
8068

List Price: **\$400**

HP: 1
RPM: 1080
Volts: 200

Amps: 5.9
Dia.: 5.6"
Wt.: 20 lbs.

PSC, open lead end, ball bearing, automatic reset thermal overload protector, shaft up mount, 5/8" x 4-1/2" shaft, 30.0 MFD capacitor — not supplied



LENNOX

Condenser Fan

Replaces: P-8-3140, K55HXBZW1438

9993

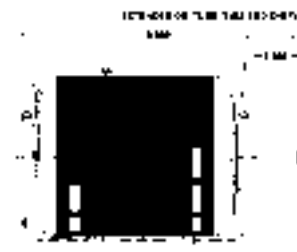
List Price: **\$161**

LIMITED STOCK

HP: 1/3
RPM: 1075
Volts: 208-230

Amps: 3.0
Dia.: 5.6"
Wt.: 14 lbs.

PSC, open air over, automatic reset thermal overload protector, sleeve bearings, 20" leads, CCWLE, 2 1/2" hub rings, 5.0 MFD capacitor — not supplied.



MCQUAY

Blower Motor

Replaces: K55HXMDP4133, 057076501

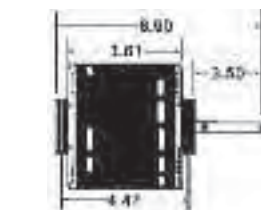
4153

List Price: **\$175**

HP: 1/4
RPM: 1020
Volts: 115

Amps: 4.5
Dia.: 5.6"
Wt.: 16 lbs.

PSC, motor capacitor mounted, resilient base mounted, automatic reset thermal overload protector, CWLE, 1/2" x 1 1/2" shaft.



MILLER

Direct Drive Blower

Replaces: D156, 326, 301543, 305313

2166★

List Price: **\$115**

HP: 1/6
RPM: 1050
Volts: 115

Amps: 5.2
Dia.: 5.0"
Wt.: 10 lbs.

Shaded pole, open air over, automatic reset thermal overload protector, sleeve bearings, 24" cord and plug, 1/2" dia. shaft, CCWLE, non-reversible rotation



MILLER

Direct Drive Fan & Blower

Replaces: F48HXTPM2867, OML6435

2867

List Price: **\$113**

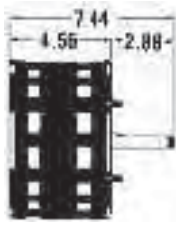
HP: 1/5
RPM: 1050
Volts: 115

Amps: 6.5
Dia.: 5.0"
Wt.: 10 lbs.

Shaded pole, single speed, totally open, flexmount kit included, two 24" leads, CCWLE, 1/2" x 3 3/4" shaft.

Unless otherwise noted, all capacitors are 370 volts.

OEM Replacement for Specific Manufacturers



RHEEM

Direct Drive Blower

Replaces: 19572-01, K55HXGZD4276

591

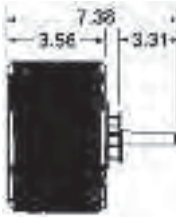
List Price: **\$168**

LIMITED STOCK

HP: 1/3
RPM: 1075/3
Volts: 115

Amps: 7.0
Dia.: 5.6"
Wt.: 14 lbs.

PSC, open air over, automatic reset thermal overload protector, sleeve bearings, 26" leads, CCWLE, 0.31" extended studs shaft end, 7.5 MFD capacitor — not supplied.



RHEEM

Condenser Fan

Replaces: 51-20682, K55HXMPZ6560, ORM1016

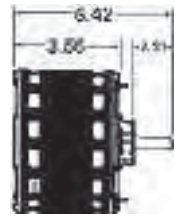
8537

List Price: **\$112**

HP: 1/5 - 1/6
RPM: 1075
Volts: 208-230

Amps: 1.4/.08
Dia.: 5.6"
Wt.: 10 lbs.

PSC, open air over LE only, automatic reset thermal overload protector, sleeve bearings, 32" leads, 0.25 extended studs shaft end, CWLE, 3.0 MFD capacitor — not supplied.



RHEEM

Direct Drive Blower

Replaces: 51-20671-01, F55HXCWT1579

3484

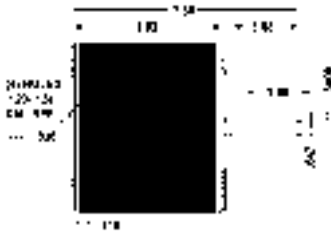
List Price: **\$148**

LIMITED STOCK

HP: 1/8
RPM: 1075
Volts: 230

Amps: 1.0
Dia.: 5.6"
Wt.: 9 lbs.

PSC, open air over, automatic reset thermal overload protector, sleeve bearings, 28" leads, CCWLE, 1/4" extended studs, 5.0 MFD capacitor — not supplied.



RHEEM

Condenser Fan

Replaces: 51-21854-02

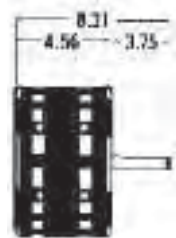
5450

List Price: **\$131**

HP: 1/5
RPM: 1075
Volts: 208-230

Amps: 1.3
Dia.: 5.6"
Wt.: 11 lbs.

PSC, totally enclosed air over, 4 drain holes, automatic reset thermal overload protector, sleeve bearings, 39" leads, CCWLE, 3.0 MFD capacitor — not supplied.



RHEEM

Direct Drive Blower

Replaces: K55HXNMF4760, Rheem 51-22686-01

5451

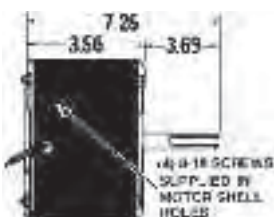
List Price: **\$161**

LIMITED STOCK

HP: 1/2
RPM: 1075/3
Volts: 115

Amps: 6.8
Dia.: 5.6"
Wt.: 14 lbs.

PSC, open air over, automatic reset thermal overload protector, sleeve bearings, 18" leads, CCWLE, 1/2" dia. shaft with flat, includes 8 holes for mounting brackets, 7.5 MFD capacitor — not supplied.



RHEEM

Condenser Fan

Replaces: K55HXJGH2667, Rheem 51-21854-01

5453

List Price: **\$131**

LIMITED STOCK

HP: 1/6
RPM: 1075
Volts: 208-230

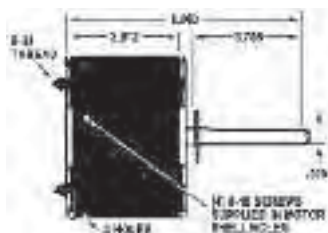
Amps: 0.7
Dia.: 5.6"
Wt.: 7 lbs.

PSC, totally enclosed air over, automatic reset thermal overload protector, sleeve bearings, 39" leads, CCWLE, 1/2" dia x 3.7" shaft with flat, 3.0 MFD capacitor — not supplied.

★ — Suggested Distributor Stock Item Unless otherwise noted, all capacitors are 370 volts.

OEM Replacement for Specific Manufacturers

GENERAL INFORMATION
 HVACR
 VENTILATION
 COOLING TOWER
 PUMP MOTORS
 GEN. PURPOSE SINGLE PHASE
 GEN. PURPOSE THREE PHASE
 ACCESSORIES & PARTS
 MOTOR TERMINOLOGY
 CROSS REFERENCE
 MOTOR SELECTION GUIDE
 TERMS & CONDITIONS
 INDEX



RHEEM

Condenser Fan

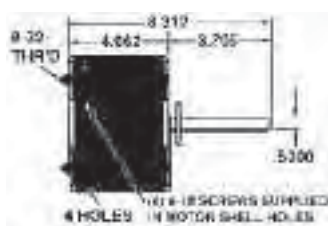
5454★

List Price: **\$105**

Replaces: 51-20672-01, 51-20673-01, 51-20674-01, 51-20675-01, 51-20679-01, 51-20680-01, 51-20681-01, 51-20682-01, 51-21826-01, 51-21827-01, 51-21828-01, 51-21829-01, 51-21830-01, 51-21831-01

HP: 1/5 Amps: 1.7
 RPM: 1075 Dia.: 5.6"
 Volts: 208-230 Wt.: 11 lbs.

PSC, totally enclosed air over, automatic reset thermal overload protector, sleeve bearings, 41" leads, four holes and screws supplied in shell, four 8-32 studs opposite shaft end, single flat on 1/2" dia. shaft, reversible rotation, 3.0 MFD capacitor — not supplied. (5.0 MFD capacitor acceptable alternate)



RHEEM

Condenser Fan

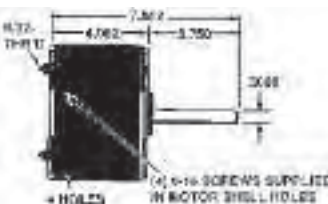
5455★

List Price: **\$112**

Replaces: 51-20687-01, 51-20688-01, 51-20689-01, 51-20690-01, 51-21836-01, 51-21837-01, 51-21838-01, 51-21839-01, 51-21845-03, 51-23053-11, 51-41315-01, 51-41316-01, 51-41317-01

HP: 1/3 Amps: 2.0
 RPM: 1075 Dia.: 5.6"
 Volts: 208-230 Wt.: 13 lbs.

PSC, totally enclosed air over, automatic reset thermal overload protector, sleeve bearings, 41" leads, four holes and screws supplied in shell, four 8-32 studs opposite shaft end, single flat on 1/2" dia. shaft, reversible rotation, 5.0 MFD capacitor — not supplied.



RHEEM

Condenser Fan

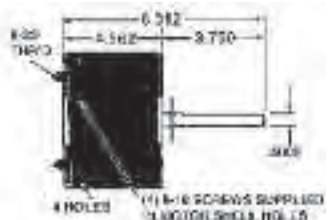
5456★

List Price: **\$130**

Replaces: 51-20761-91

HP: 1/8 Amps: 1.2
 RPM: 825 Dia. 5.6"
 Volts: 208-230 Wt. 11 lbs.

PSC, totally enclosed air over, automatic reset thermal overload protector, sleeve bearings, 41" leads, four holes and screws supplied in shell, four 8-32 studs opposite shaft end, single flat on 1/2" dia. shaft, reversible rotation, 5.0 MFD capacitor — not supplied.



RHEEM

Condenser Fan

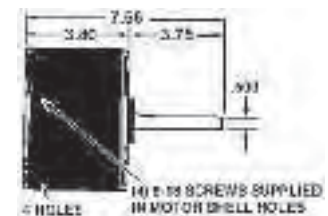
5457★

List Price: **\$138**

Replaces: 51-20760-91, 51-23055-12, K55HXMAB4123, K55HXPZG5379

HP: 1/6 Amps: 1.2
 RPM: 825 Dia. 5.6"
 Volts: 208-230 Wt. 13 lbs.

PSC, totally enclosed air over, automatic reset thermal overload protector, sleeve bearings, 41" leads, four holes and screws supplied in shell, four 8-32 studs opposite shaft end, single flat on 1/2" dia. shaft, reversible rotation, 7.5 MFD capacitor — not supplied.



RHEEM

Condenser Fan

5459

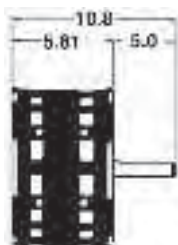
List Price: **\$136**

LIMITED STOCK

Replaces: P-8-2702, K55HXBWE1351, K55HXLGH3703, KCP39GGA124S, 51-21854-06

HP: 1/15 Amps: 0.5
 RPM: 1050 Dia. 5.6"
 Volts: 208-230 Wt. 9 lbs.

PSC, totally enclosed air over, automatic reset thermal overload protector, sleeve bearings, 41" leads, four holes and screws supplied in shell, single flat on 1/2" dia. shaft, CCWLE, 3.0 MFD capacitor — not supplied.



RHEEM

Direct Drive Blower

5463★

List Price: **\$212**

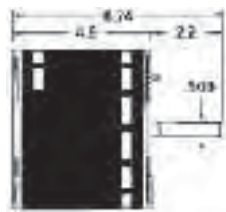
Replaces: K55HXPAD4962, Rheem 51-22700-01, 51-23017-42, K55BWDRJ7033, ICP HQ1010263EM, 5452, K55HXDRJ0011

HP: 3/4 Amps: 10.6
 RPM: 1075/4 Dia.: 5.6"
 Volts: 115 Wt.: 20 lbs.

PSC, open air over, automatic reset thermal overload protector, ball bearings, 17" leads, CCWLE, reversible rotation, 1/2" dia. x 5" shaft with flat, includes 8 holes for mounting brackets, 15 MFD capacitor — not supplied.

★ — Suggested Distributor Stock Item Unless otherwise noted, all capacitors are 370 volts.

OEM Replacement for Specific Manufacturers



RHEEM



Direct Drive Blower

5469

List Price: **\$218**

Replaces: 51-23101-07, K055HXPGM5102, KA55HXKTG8559

LIMITED STOCK

HP: 1/3

Amps: 2.8

PSC, open air over, automatic reset thermal overload protector, sleeve bearings, 14" leads,

RPM: 825/2

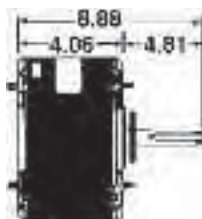
Dia.: 5.6"

CCWLE, 8 holes in shell for mounting, uses 10 MFD 370V capacitor — not supplied. See motor

Volts: 208-230

Wt.: 17 lbs.

label.



RHEEM

Condenser Fan

9735

List Price: **\$141**

Replaces: 51-21276-01, 51-21276-02, 51-20763-01, 51-2076091, K55MFG6350, K55PAK7253, K55CNW9833

LIMITED STOCK

HP: 1/8

Amps: 1.1

PSC, totally enclosed air over, automatic reset thermal overload protector, sleeve bearings, 36"

RPM: 825

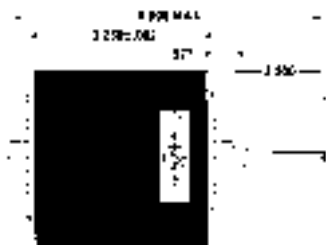
Dia.: 5.6"

leads, CCWLE, extended studs both ends, double flats on 1/2" dia. shaft, 5.0 MFD capacitor — not

Volts: 208-230

Wt.: 11 lbs.

supplied.



TECUMSEH

Condenser Fan

1775

List Price: **\$114**

Replaces: F48DEF1775, TFM372, 810E037A84

HP: 1/20

Amps: 1.1

Shaded pole, single speed, attaches by four machine screws shaft end, two 30" leads,

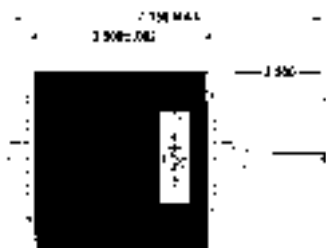
RPM: 1300/1500

Dia.: 5.0"

sleeve bearings, CCWSE, 3/8" x 2 1/2" shaft with flat, 50/60Hz.

Volts: 230

Wt.: 7 lbs.



TECUMSEH

Condenser Fan

1779

List Price: **\$113**

Replaces: F48HXDEJ1779, TFM502, 810E050A85

HP: 1/15

Amps: 1.9

Shaded pole, single speed, sleeve bearings, mounting hubs both ends, four machine

RPM: 1300/1500

Dia.: 5.0"

screws shaft end for attaching mounting plate, two 36" leads, CCWSE, 3/8" x 2 1/2"

Volts: 230

Wt.: 8 lbs.

shaft, 50/60Hz.

★ — Suggested Distributor Stock Item Unless otherwise noted, all capacitors are 370 volts.



TECUMSEH

Commercial Condenser Fan

2387

List Price: **\$394**

Replaces: P55SYNP-387, 810E249A88

HP: 1/3 Amps: 1.0
RPM: 1400/1600 Dia.: 5.6"
Volts: 380/460 Wt.: 14 lbs.

Three phase, three lugs 120° apart, shaft end 5/16", mounting holes on 7 1/4" bolt circle, reversible rotation, 1/2" x 2" shaft, mount oil cups facing up, 50/60Hz.



TECUMSEH

Condenser Fan

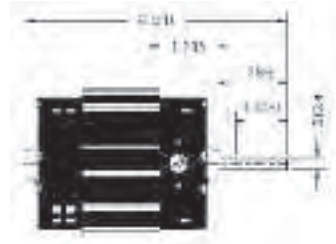
8330

List Price: **\$188**

Replaces: KA55HXKGD8330, TFM1862, 810E186A82

HP: 1/4 Amps: 1.9
RPM: 1350/1625 Dia.: 5.6"
Volts: 230 Wt.: 12 lbs.

PSC, sleeve bearing, single speed, 3 lugs 120° apart, 5/16" mounting holes on a 7-1/4" diameter bolt circle, CWLE, capacitor mounted, open end bell shaft end, enclosed end bell lead end, horizontal mount, 1/2" x 2 1/8" shaft, 50/60Hz.



TECUMSEH

Condenser Fan

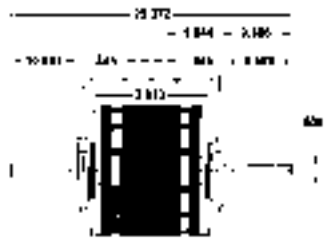
9665

List Price: **\$145**

Replaces: TFM262, 810E026A81, F33HXJDJ-3668, 9487

HP: 1/30 Amps: .86
RPM: 1500 Dia.: 3.3"
Volts: 230 Wt.: 4 lbs.

Shaded Pole, open fan cooled, sleeve bearings, automatic reset thermal overload protector, 3/8" x 1-3/4" shaft, 50/60Hz.



TRANE

Fan & Blower

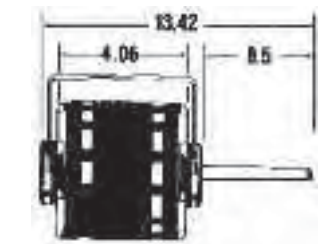
1090★

List Price: **\$229**

Replaces: K48HXBJA0956, X70500149-04, MOT1877, D1090

HP: 1/15 Amps: 0.8
RPM: 1100/3 Dia.: 5.0"
Volts: 115 Wt.: 7 lbs.

PSC, open, 44" leads, CWLE, 5.0 MFD capacitor supplied and mounted.



TRANE

Fan Coil

1374

List Price: **\$195**

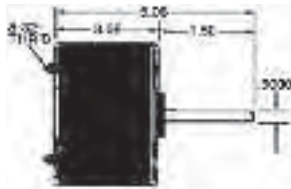
Replaces: X70500149-01-7, K48HXBHY954, 5KSP29DK1507S, MOT1878

HP: 1/30 Amps: 0.5
RPM: 1075/3 Dia. 5.0"
Volts: 115 Wt. 10 lbs.

PSC, open air over, automatic reset thermal overload protector, sleeve bearings, 37" leads, CWLE, resilient base, 5.0 MFD capacitor supplied and mounted.

★ — Suggested Distributor Stock Item Unless otherwise noted, all capacitors are 370 volts.

OEM Replacement for Specific Manufacturers



TRANE

Condenser Fan

Replaces: K55HXDJK6905, Trane D149098P01

1673

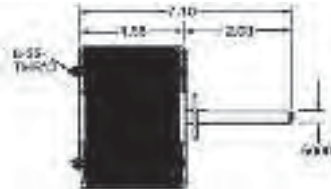
List Price: **\$131**

LIMITED STOCK

HP: 1/8
RPM: 1625
Volts: 230

Amps: 0.7
Dia.: 5.6"
Wt.: 9 lbs.

PSC, totally enclosed air over, automatic reset thermal overload protector, sleeve bearings, 24" leads, CCWLE, 1/2" dia. x 1-1/2" shaft with flat, 4.0 MFD capacitor — not supplied.



TRANE

Condenser Fan

Replaces: K55DJL6906, Trane D146983P01

1674

List Price: **\$149**

LIMITED STOCK

HP: 1/4
RPM: 825
Volts: 230

Amps: 1.7
Dia.: 5.6"
Wt.: 14 lbs.

PSC, totally enclosed air over, automatic reset thermal overload protector, sleeve bearings, 35" leads, CCWLE, 1/2" dia. x 2" shaft with flat, 12.5 MFD capacitor — not supplied.



TRANE

Condenser Fan

Replaces: WW94X936PSC, 5KSP29DK1728S/2198S

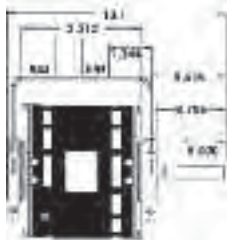
1675★

List Price: **\$131**

HP: 1/8
RPM: 1550
Volts: 230

Amps: 0.8
Dia.: 5.0"
Wt.: 9 lbs.

PSC, open air over, band mounting, automatic reset thermal overload protector, sleeve bearings, 32" leads, CCWLE, auto protector, 1/2" dia. shaft, 5.0 MFD capacitor supplied and mounted.



TRANE

Fan & Blower

Replaces: K48HXBHZ-955, K48HXSTY-3509, Trane X70500149-02

1676★

List Price: **\$219**

HP: 1/20
RPM: 1100/3
Volts: 115

Amps: 0.55
Dia.: 5.0"
Wt.: 9 lbs.

PSC, open air over, 44" leads, CWLE, 5.0 MFD capacitor supplied and mounted, reversible.



TRANE

Fan & Blower

Replaces: K48HXCNN1468, X70500269-01, MOT2852

1678

List Price: **\$148**

HP: 1/16
RPM: 850/3
Volts: 277

Amps: 0.5
Dia.: 5.0"
Wt.: 12 lbs.

PSC, open, 3 mounting brackets at 120° apart, 9.25" bolt circle, CWLE, 4.0 MFD capacitor supplied and mounted.



TRANE

Fan & Blower

Replaces: KA55HXHAB2059, X70500270-01, MOT2853

1679

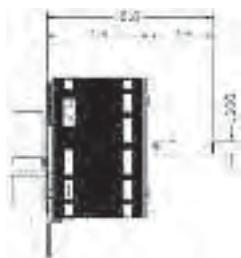
List Price: **\$160**

HP: 1/10
RPM: 810/3
Volts: 277

Amps: 0.6
Dia.: 5.6"
Wt.: 12 lbs.

PSC, open, 3 mounting brackets at 120° apart, 11" bolt circle, CWLE, 5.0 MFD capacitor supplied and mounted.

★ — Suggested Distributor Stock Item Unless otherwise noted, all capacitors are 370 volts.



TRANE

Fan & Blower

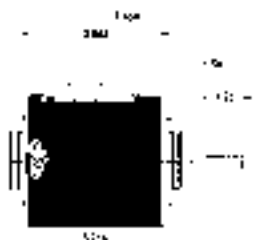
Replaces: KA55HXHAA2058, X70500271-01, MOT2854

1680

List Price: **\$154**

LIMITED STOCK

HP: 1/5 **Amps:** 0.8 PSC, open, 3 mounting brackets at 120° apart, 11" bolt circle, CWLE, 5.0 MFD capacitor supplied and mounted.
RPM: 970/3 **Dia.:** 5.6"
Volts: 277 **Wt.:** 12 lbs.



TYLER

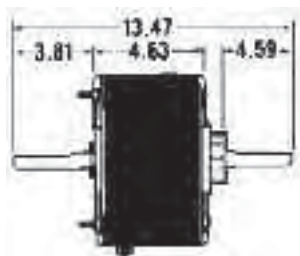
Condenser Fan

Replaces: 4KCP39EG755S, 5KCP39EN81S, 03042

3042

List Price: **\$186**

HP: 1/4 **Amps:** 1.4 PSC, enclosed shell only, 4 MFD/370V capacitor included, 2-1/4" resilient rings on both ends to fit existing base.
RPM: 1625 **Dia.:** 5.6"
Volts: 230 **Wt.:** 12 lbs.



WHIRLPOOL

Room A/C

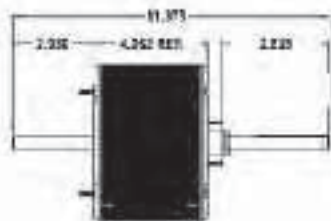
Replaces: 997346, K55HDJ4396, K55RGW7901, K55RHM7916, K55RHP7917, K55KFK8314, K55KFL8315

8558

List Price: **\$172**

LIMITED STOCK

HP: 1/3 **Amps:** 1.9 PSC, totally enclosed air over, automatic reset thermal overload protector, sleeve bearings, 42" leads, CCWLE, 3/8" studs on LE, 5.0 MFD capacitor — not supplied.
RPM: 1075/3 **Dia.:** 5.6"
Volts: 230 **Wt.:** 16 lbs.



WHIRLPOOL

Room A/C

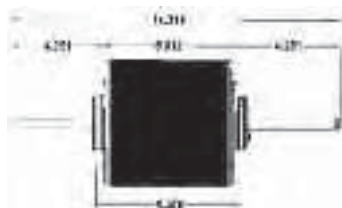
Replaces: K55HXPAC7231, K55HXCGB6432, 1164696, 947852

8681

List Price: **\$101**

LIMITED STOCK

HP: 1/5 **Amps:** 1.6 PSC, totally enclosed air over, automatic reset thermal overload protector, sleeve bearings, 21" leads, CCWLE, 0.43" studs LE, 7.5 MFD capacitor — not supplied.
RPM: 1650/3 **Dia.:** 5.6"
Volts: 115 **Wt.:** 12 lbs.



WHIRLPOOL

Room A/C

Replaces: K55HXDDS6795, 1166225

8682★

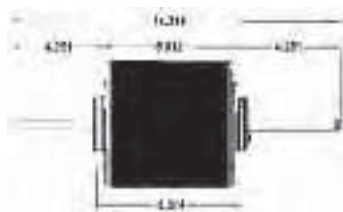
List Price: **\$104**

LIMITED STOCK

HP: 1/5 **Amps:** 1.9 PSC, totally enclosed air over, automatic reset thermal overload protector, sleeve bearings, 23" leads, CCWLE, 2 1/2" hub rings, 7.5 MFD capacitor — not supplied.
RPM: 1000/3 **Dia.:** 5.6"
Volts: 208-230 **Wt.:** 13 lbs.

★ — Suggested Distributor Stock Item Unless otherwise noted, all capacitors are 370 volts.

OEM Replacement for Specific Manufacturers



WHIRLPOOL

Room A/C

Replaces: K55HXDDM6791, 1166221

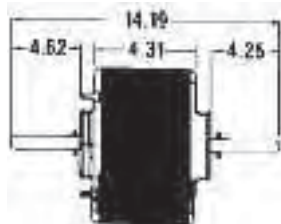
HP: 1/2 Amps: 2.0
RPM: 1100/3 Dia.: 5.6"
Volts: 208-230 Wt.: 16 lbs.

PSC, totally enclosed air over, automatic reset thermal overload protector, sleeve bearings, 23" leads, CCWLE, 2 1/2" hub rings, 10.0 MFD capacitor — not included.

8683★

List Price: \$128

LIMITED STOCK



WHIRLPOOL/SEARS

Room A/C

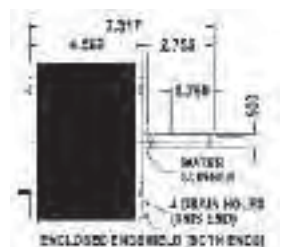
Replaces: Various

HP: 1/3 Amps: 2.3
RPM: 1075/3 Dia.: 5.6"
Volts: 230 Wt.: 16 lbs.

PSC, totally enclosed air over, automatic reset thermal overload protector, sleeve bearings, 33" leads, CCWLE, 2 1/2" hub rings, mounting studs, adapter base, and 5.0 MFD capacitor included.

5108

List Price: \$161



YORK

Condenser Fan

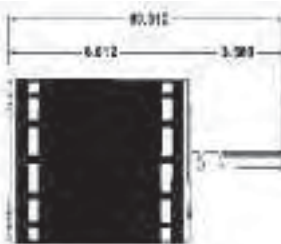
Replaces: 17435, 024-27596-000, K55HXKWA-9803

HP: 1/4 Amps:
RPM: 850 Dia. 5.6"
Volts: 208-230 Wt. 10 lbs.

PSC, totally enclosed air over, sleeve bearings, automatic reset thermal overload protector, 1/2 x 2-3/4" shaft, 5.0 MFD capacitor — not supplied.

1743

List Price: \$130



YORK

Direct Drive Blower

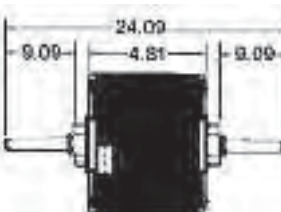
Replaces: K55HXJFJ-2832, 024-21673, 024-25000-001, 5KCP39SGH913BS

HP: 1 Amps: 3.3
RPM: 1100/3 Dia. 5.6"
Volts: 460 Wt. 20 lbs.

PSC, open air over, automatic reset thermal overload protector, sleeve bearings, 16" leads with plug, CCWLE, reversible rotation, 1/2" dia. shaft, 25.0 MFD capacitor — not supplied.

2553

List Price: \$313



YORK

Room A/C

Replaces: 024-20797, K55RKD7948

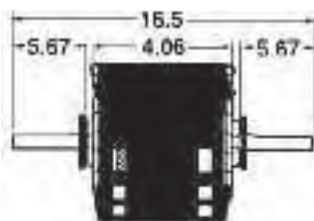
HP: 1/2 Amps: 2.4
RPM: 1075 Dia. 5.6"
Volts: 208-230 Wt. 18 lbs.

PSC, totally enclosed air over, automatic reset thermal overload protector, sleeve bearings, 41" leads, CWLE, single flat on 1/2" dia. shaft, 7.5 MFD capacitor — not supplied.

2554

List Price: \$205

LIMITED STOCK



YORK

Condenser Fan

Replaces: F47BGM927, D1041, S2091

HP: 1/5 Amps: 1.3
RPM: 1075 Dia. 5.0"
Volts: 208-230 Wt. 12 lbs.

PSC, 50/60 Hz, open air over, automatic reset thermal overload protector, sleeve bearings, one 32" and two 25" leads, CWLE, 5.0 MFD capacitor — not supplied.

1124★

List Price: \$163

★ — Suggested Distributor Stock Item Unless otherwise noted, all capacitors are 370 volts.

Shaded Pole Unit Bearing Fan Totally Enclosed

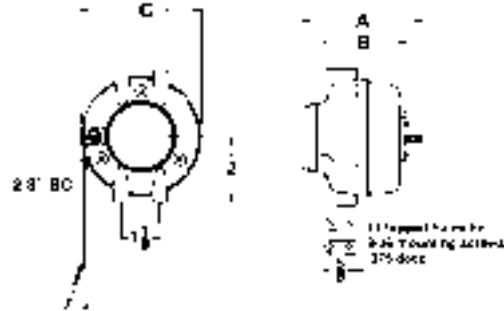


APPLICATIONS:

Evaporator or condenser fan motors to meet manufacturer's requirements for refrigerated display cases and vending machines.

FEATURES:

- Permanently lubricated bearings
- Individually boxed
- Impedance protected
- 6W & Under Are 60/50 Hertz Rated
- Suitable For All Angle Operation
- 24" Cord With Molded Strain Relief
- Cast Iron Housing
- Includes vibration dampener hub washer, speed nut, 4 mounting screws (2 to 35 watt)

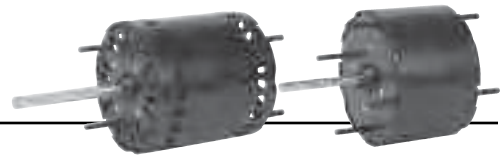


Catalog Number	List Price	HP	RPM	Volts	Shaft Amps	Dia. Rotation	Total A	Body B	Dia. C	Shaft Dia. & Length	Ship Wgt.	Industry Number
2102	\$36	2.5W	1550	115	0.3	CWLE	3.8	3.4	3.6	1/4 x 20THD x 0.5	3	5111
2115	\$38	4W	1550	115	0.3	CWLE	3.8	3.4	3.6	1/4 x 20THD x 0.5	3	5211
★ 2103	\$38	4W	1550	115	0.3	CCWLE	3.8	3.4	3.6	1/4 x 20THD x 0.5	3	5212
2122	\$39	4W	1550	230	0.2	CCWLE	3.8	3.4	3.6	1/4 x 20THD x 0.5	3	5222
2123	\$55	4W	1550	208-277	0.2	CWLE	3.8	3.4	3.6	1/4 x 20THD x 0.5	3	5221
2119	\$52	5W	1550	115	0.6	CWLE	3.8	3.4	3.6	1/4 x 20THD x 0.5	3	PP7577M, D582
★ 2120	\$52	5W	1550	115	0.6	CCWLE	3.8	3.4	3.6	1/4 x 20THD x 0.5	3	D583
2116	\$39	6W	1550	115	0.4	CCWLE	4.3	3.8	3.6	1/4 x 20THD x 0.5	3.3	5312
2117	\$39	6W	1550	115	0.4	CWLE	4.3	3.8	3.6	1/4 x 20THD x 0.5	3.3	5311
1226	\$98	6W	1550	208-240	0.3	CWLE	4.3	3.8	3.6	1/4 x 20THD x 0.5	3.3	3900-2008-00
1227	\$116	6W	1550	277	0.2	CWLE	4.3	3.8	3.6	1/4 x 20THD x 0.5	3.3	3900-2008-01
2118	\$40	9W	1550	115	0.6	CCWLE	4.3	3.8	3.6	1/4 x 20THD x 0.5	3.5	5412
2108	\$40	9W	1550	115	0.6	CWLE	4.3	3.8	3.6	1/4 x 20THD x 0.5	3.5	5411
2109	\$44	9W	1550	230	0.3	CCWLE	4.3	3.8	3.6	1/4 x 20THD x 0.5	3.5	5422
2110	\$44	9W	1550	230	0.3	CWLE	4.3	3.8	3.6	1/4 x 20THD x 0.5	3.5	5421
2111	\$55	16W	1550	115	1	CCWLE	4.5	4.1	3.6	1/4 x 20THD x 0.5	4.5	5812
2114	\$56	16W	1550	230	0.5	CWLE	4.5	4.1	3.6	1/4 x 20THD x 0.5	4.5	5821
2113	\$56	16W	1550	230	0.5	CCWLE	4.5	4.1	3.6	1/4 x 20THD x 0.5	4.5	5822
2112	\$55	16W	1550	115	1	CWLE	4.5	4.1	3.6	1/4 x 20THD x 0.5	4.5	5811
2124	\$123	25W	1550	115	1.1	CCWLE	4.5	4	3.9	1/4 x 20THD x 0.5	5	ESPL25EMR1
2125	\$123	25W	1550	115	1.1	CWLE	4.5	4	3.9	1/4 x 20THD x 0.5	5	ESPL25EM1
2126	\$127	25W	1550	230	0.6	CWLE	4.5	4	3.9	1/4 x 20THD x 0.5	5	ESPL25EM2
★ 2127	\$127	25W	1550	230	0.6	CCWLE	4.5	4	3.9	1/4 x 20THD x 0.5	5	ESPL25EMR2
2128	\$123	35W	1550	115	1.4	CCWLE	4.5	4	3.9	1/4 x 20THD x 0.5	5	ESPL35EMR1
2129	\$123	35W	1550	115	1.4	CWLE	4.5	4	3.9	1/4 x 20THD x 0.5	5	ESPL35EM1
2130	\$127	35W	1550	230	0.7	CCWLE	4.5	4	3.9	1/4 x 20THD x 0.5	5	ESPL35EMR2
2131	\$127	35W	1550	230	0.7	CWLE	4.5	4	3.9	1/4 x 20THD x 0.5	5	ESPL35EM2
2132	\$142	50W	1550	115	1.7	CCWLE	6.2	4.7	4	.375 x 1.5	7	ESPOL50EMR1
2133	\$137	50W	1550	115	1.7	CWLE	7.2	5.7	4	.375 x 1.5	7	ESPOL50EM1
2134	\$142	50W	1550	230	0.9	CCWLE	8.2	6.7	4	.375 x 1.5	7	ESPOL50EMR2
2135	\$142	50W	1550	230	0.9	CWLE	9.2	7.7	4	.375 x 1.5	7	ESPOL50EM2

★ — Suggested Distributor Stock Item

Shaded Pole & PSC Direct Drive Fan

3.3" Diameter, Open and Totally Enclosed Designs

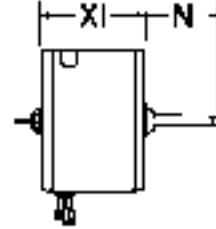


APPLICATIONS:

Designed to meet manufacturer's requirements for fans & blowers.

FEATURES:

- Four 8-32 x 3/4" Stud Extensions At Each End
- Sleeve Bearings Have All Angle Thrust System
- Automatic Reset Thermal Overload Protector
- 12" Leads



Open Air Over

Catalog Number	List Price	HP	RPM	Volts	Enclosure	Rotation Shaft End	Amps	Shell XI	Shaft Dia. x N*	Ship Wgt.	Notes
9661	\$59	1/70	3000	115	OAO	CW	0.82	2.46	.25 x 2.00	3	3
9603	\$59	1/70	3000	115	OAO	CCW	0.82	2.25	.25 x 2.50	3	
9622	\$75	1/70	1550	115	OAO	CCW	0.80	2.25	.25 x 2.25	3	4
9624	\$84	1/50	1550	115	OAO	CW	0.70	2.46	.25 x 2.50	3	
9625	\$81	1/40	1550	115	OAO	CW	1.10	2.46	.31 x 2.25	4	4
9626	\$81	1/40	1550	115	OAO	CCW	1.00	2.46	.31 x 2.38	4	4
3803	\$69	1/40	1550	115	OAO	CW	2.00	3.40	.25 x 2.00	4	1
9628	\$88	1/30	1550	115	OAO	CW	1.20	3.00	.31 x 2.50	4	
9627	\$88	1/30	1550	115	OAO	CCW	1.20	3.00	.31 x 2.50	4	
9632	\$89	1/20	1550	115	OAO	CW	1.80	3.15	.31 x 2.38	4	4
★ 9631	\$89	1/20	1550	115	OAO	CCW	1.80	3.15	.31 x 2.38	4	4
★ 9664	\$131	1/12-1/20	1550	115/230	OAO	CCW/Rev	1.3/0.7	4.15	.31 x 2.50	4	2, 4
9657	\$199	1/10	1550	230	OAO	Rev	1.00	4.5	.31 x 3.75	6	2, 3

Totally Enclosed Air Over

Catalog Number	List Price	HP	RPM	Volts	Enclosure	Rotation Shaft End	Amps	Shell XI	Shaft Dia. x N*	Ship Wgt.	Notes
9642	\$74	1/50	1550	115	TEAO	CW	0.70	2.46	.25 x 2.25	3	4
9641	\$74	1/50	1550	115	TEAO	CCW	0.70	2.46	.25 x 2.25	3	4

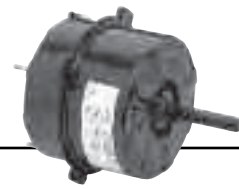
- Note 1 Open Fan Cooled Design, Air Over not required, 2 stud extensions
 Note 2 PSC, Capacitor included and attached
 Note 3 Includes Hex Mounting Hub Both Ends
 Note 4 Ball Bearings

- Note LA Limited Availability
 *As measured from motor face

★ — Suggested Distributor Stock Item

Permanent Split Capacitor Condenser Fan

5.0" Diameter, Totally Enclosed Air Over (TEAO)



APPLICATIONS:

Residential condensing unit fan motor.

FEATURES:

- 42" Leads
- Shaft Down Mount
- #8-32 Studs
 - Fig A: 4.312" dia bolt circle
 - Fig B: 4.464" dia bolt circle
- Designed for use with 370V Capacitor
- 1/2" Dia. Shaft with Flat
- Reversible Rotation
- Automatic Reset Thermal Overload Protector



Figure A

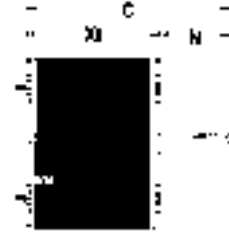


Figure B

"Clam Shell" Single Speed, Stud Mount, Without Capacitor (Fig A)

Catalog Number	List Price	HP	RPM	Volts	Bearings	Cap. MFD	Amps	Shaft N	Shell XI	Total C	Ship Wgt.	Notes	OEM
2243	\$97	1/10	1075	208-230	Ball	5.0	0.75	2.7	4.1	6.8	9		
2249	\$98	1/8	1075	208-230	Ball	5.0	0.90	2.7	4.1	6.8	10		
★ 2246	\$99	1/5	1075	208-230	Ball	5.0	1.60	2.7	4.1	6.8	10		
2250	\$100	1/4	1075	208-230	Ball	7.5	1.70	2.7	4.1	6.8	11		

5.0" Single Speed, Stud Mount, Without Capacitor (Fig B) 4.464 BC

Catalog Number	List Price	HP	RPM	Volts	Bearings	Cap. MFD	Amps	Shaft N	Shell XI	Total C	Ship Wgt.	Notes	OEM
1989	\$148	1/20	1550	230	Slv	-	1.3	2.5	3.8	6.3	10	1, 3, 5	CO
1176	\$188	1/8	1550	208-230	Ball	5.0	1.1	2.8	3.7	6.4	9	2	BO
1527	\$161	1/6	1550	230	Slv	-	2.8	2.9	4.3	7.3	13	1, 3, 4, LA	CO
1901	\$139	1/6	1075	208-230	Slv	5.0	1.0	2.0	3.8	5.8	10		LE

Note 1 Shaded Pole Design
 Note 2 Open Drip Proof
 Note 3 Open Air Over
 Note 4 Special mounting ring

Note 5 Shaft-down mounting
 Note LA Limited Availability

★ — Suggested Distributor Stock Item

Refrigeration Condenser Fan 5.0 and 5.6" Diameter

Open Drip-proof, Totally Enclosed Air Over and Open Air Over



APPLICATIONS:

Condenser cooling fan motors to meet manufacturer's requirements for commercial refrigeration units.

FEATURES:

- OEM Direct Replacements
- Single Speed
- Automatic Reset Thermal Overload Protector
- Designed for use with 370V Capacitors

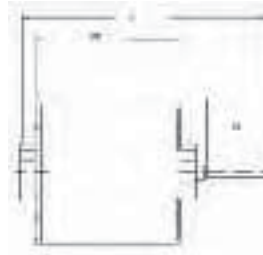


Figure A

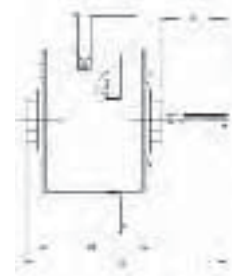


Figure B

5.0" Diameter, 3/8" Diameter Shaft

Catalog Number	List Price	HP	RPM	Volts	Bearings	Cap. MFD	Amps	Shaft N	Shell XI	Total C	Mount	Ship Wgt.	Notes	OEM
1775	\$109	1/20	1500	230	Slv	-	1.1	2.5	3.3	6.9	Hub Ring	7	1	TE
1779	\$113	1/15	1500	230	Slv	-	1.9	2.5	3.5	7.2	Hub Ring	8	1	TE

5.6" Permanent Split Capacitor

Catalog Number	List Price	HP	RPM	Volts	Bearings	Cap. MFD	Amps	Shaft N	Shell XI	Total C	Mount	Ship Wgt.	Notes	OEM
6128	\$174	1/6	1550	208-230	Slv	3.0	1.1	2.3	3.6	7.2	Resilient	17	2, 5	CO
1645	\$181	1/6	1550	208-230	Ball	3.0	1.4	2.1	3.8	6.4	Stud	12	3	HU
1648	\$185	1/5	1075	208-230	Ball	4.0	2.0	2.5	4.3	7.8	Stud	13	3	HU
6124	\$161	1/4	1550	230	Slv	5.0	2.1	3.0	4.1	7.1	Band	13	2, 5	CO
6129	\$200	1/4	1625	208-230	Slv	5.0	1.5	2.3	4.3	7.6	Resilient	17	2, 5	CO
3042	\$186	1/4	1625	230	Ball	4.0	1.4	1.5	5.1	7.7	Hub Ring	12	2, 5, 6	TY
8330	\$188	1/4	1625	230	Slv	4.0	1.9	2.2	4.3	7.7	3 Lugs	12	1, 2, 5, 7	TE
8331	\$200	1/4	1625	380-420/460	Slv	4.0	.95	2.2	4.3	7.7	3 Lugs	12	1, 2, 5, 7	TE
6127	\$193	1/3	1625	230	Slv	4.0	2.4	1.75	5.8	8.7	Resilient	17	4, 5	CO
7232	\$173	1/3	1625	208-230	Slv	6.0	2.9	3.7	4.6	9.63	Hub Ring	16	3, 5	HR
644	\$161	1/2	1725	208-230	Ball	5.0	2.7	3.5	5.1	8.6	Stud	15	2, 8	HU

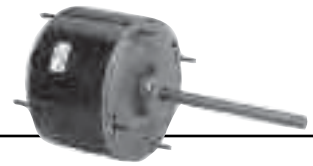
Note 1 50/60 Hz
 Note 2 Open Drip-proof
 Note 3 Open Air Over
 Note 4 Totally Enclosed Air Over
 Note 5 Capacitor Included

Note 6 2-1/4" hub rings
 Note 7 Shaft Down
 Note 8 Conduit box

★ — Suggested Distributor Stock Item

Permanent Split Capacitor Condenser Fan

5.6" Diameter, Totally Enclosed Air Over (TEAO)

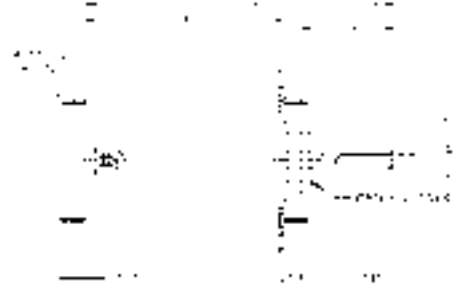


APPLICATIONS:

Residential and commercial condensing unit fan motors to meet manufacturer's requirements.

FEATURES:

- 140°F (60°C) Ambient Design
- Sleeve Bearings have All Angle Thrust System
- Class B Insulation
- Designed for use with 370V Capacitors
- Extended Studs
- 30" Leads
- Hubless Lead End
- Drain Holes Both Ends
- Reversible Rotation
- Automatic Reset Thermal Overload Protector
- Continuous Duty



Stud Mount, Without Capacitor, High Ambient Design, All Angle Mount

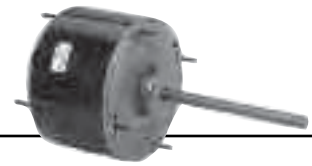
Catalog Number	List Price	HP	RPM/Spd.	Volts	Bearings	Cap. MFD	Amps	Shaft N	Shell XI	Total C	Ship Wgt.	Notes	OEM
5459	\$136	1/15	1050	208-230	Slv	3.0	0.5	3.8	3.8	7.6	9	2, LA	RH
3401	\$116	1/12	1100	208-230	Slv	5.0	0.7	1.6	4.1	5.7	9		CA
1871	\$116	1/10	825	208-230	Slv	3.0	1.0	6.0	3.8	10.4	10		
★ 3402	\$116	1/10	1100	208-230	Slv	5.0	0.8	1.6	4.1	5.7	9		CA
1872	\$117	1/8	825	208-230	Slv	5.0	0.8	6.0	4.1	10.6	11	2	
5456	\$130	1/8	825	208-230	Slv	5.0	1.2	3.8	4.1	7.8	11	2	RH
9735	\$141	1/8	825	208-230	Slv	5.0	1.1	4.8	4.1	8.9	11	LA	RH
1673	\$131	1/8	1625	230	Slv	4.0	0.7	1.5	3.6	5.1	9	LA	TR
★ 1873	\$128	1/6	825	208-230	Slv	5.0	1.0	6.0	4.1	10.6	12	2	
5457	\$138	1/6	825	208-230	Slv	7.5	1.2	3.8	4.6	8.3	13	2	RH
8673	\$167	1/6	825/2	208-230	Slv	5.0	1.0	6.0	4.4	10.9	14		
★ 1859	\$79	1/6	1075	208-230	Slv	5.0	1.0	5.0	3.8	9.4	11		
5453	\$131	1/6	1075	208-230	Slv	3.0	0.7	3.7	3.6	7.3	7	2, LA	RH
3405	\$130	1/6	1500	208-230	Slv	5.0	0.8	1.6	4.1	5.7	9		CA
5450	\$131	1/5	1075	208-230	Slv	3.0	1.3	3.7	3.8	7.5	11	2	RH
★ 5454	\$105	1/5	1075	208-230	Slv	3.0	1.7	3.7	3.8	8.1	11	2	RH
★ 1874	\$128	1/4-1/8	825	208-230	Slv	5.0	2.0	6.0	4.3	10.9	13	2	
1674	\$149	1/4	825	230	Slv	12.5	1.7	2.0	4.6	7.1	14	LA	TR
1880	\$198	1/4	825	460	Ball	5.0	1.0	6.0	5.1	11.6	14		
1123	\$200	1/4	840	208-230	Slv	5.0	1.4	2.5	4.6	7.6	16		IC
★ 1743	\$125	1/4	850	208-230	Slv	5.0	1.5	2.8	4.6	7.3	10		YK
8674	\$189	1/4	825/2	208-230	Slv	7.5	2.0	6.0	4.6	11.1	15		
★ 1860	\$82	1/4	1075	208-230	Slv	5.0	1.7	5.0	4.1	9.6	12		
1876	\$133	1/4	1075	208-230	Ball	5.0	1.7	5.0	4.1	9.6	11		
3736	\$183	1/4	1075	460	Ball	7.5	0.8	6.0	4.6	11.1	12		
8669	\$145	1/4	1075/2	208-230	Slv	5.0	1.9	6.0	4.3	10.8	12	1, LA	
★ 3403	\$134	1/4	1100	208-230	Slv	5.0	1.8	1.4	4.6	6.0	11	LA	CA

Note 1 1.5" Stud Ext., Shaft End only, 104°F (40°C) Ambient, Double Flats
 Note 2 Includes 4 Holes in Shell for Rheem Mount

Note LA Limited Availability
 ★ — Suggested Distributor Stock Item

Permanent Split Capacitor Condenser Fan

5.6" Diameter, Totally Enclosed Air Over (TEAO)



APPLICATIONS:

Residential and commercial condensing unit fan motors to meet manufacturer's requirements.

Catalog Number	List Price	HP	RPM/ Spd.	Volts	Bearings	Cap. MFD	Amps	Shaft N	Shell XI	Total C	Ship Wgt.	Notes	OEM
3404	\$134	1/4	1100	208-230	Slv	5.0	1.8	1.6	4.6	6.2	12		CA
1890	\$180	1/4	1625	208-230	Slv	5.0	1.4	5.0	4.3	9.9	12		
★ 1875	\$145	1/3	825	208-230	Slv	7.5	2.4	6.0	5.1	11.6	17	2	
1881	\$260	1/3	825	460	Ball	7.5	1.0	6.0	5.6	12.1	17		
8675	\$197	1/3	825/2	208-230	Slv	7.5	2.0	6.0	5.4	11.9	17		
★ 1861	\$87	1/3	1075	208-230	Slv	7.5	2.1	5.0	4.6	10.1	14		
★ 5455	\$106	1/3	1075	208-230	Slv	5.0	2.0	3.7	4.1	8.3	13	2	RH
1877	\$134	1/3	1075	208-230	Ball	7.5	2.1	5.0	4.6	10.1	14		
3737	\$210	1/3	1075	460	Ball	7.5	1.3	6.0	5.4	11.9	17		
8670	\$173	1/3	1075/2	208-230	Slv	7.5	2.2	6.0	4.8	11.4	16	1	
1891	\$205	1/3	1625	208-230	Slv	5.0	1.9	5.0	4.6	10.1	13		
1870	\$185	1/2	825	208-230	Slv	12.5	2.8	6.0	6.4	12.4	20		
1882	\$300	1/2	825	460	Ball	10.0	1.6	6.0	6.3	12.9	21		
3320	\$166	1/2	1050	460	Ball	10.0	1.3	3.4	5.8	9.1	13	LA	CA
★ 1862	\$97	1/2	1075	208-230	Slv	10.0	3.0	6.0	5.3	11.9	18		
3330	\$156	1/2	1075	208-230	Slv	7.5	5.1	5.5	6.3	12.9	20	LA	CA
1878	\$152	1/2	1075	208-230	Ball	10.0	3.0	6.0	5.3	11.9	18		
★ 3738	\$216	1/2	1075	460	Ball	10.0	1.5	6.0	5.9	12.4	19		
8671	\$200	1/2	1075/2	208-230	Slv	10.0	2.9	6.0	4.3	10.8	21	1	
1892	\$250	1/2	1625	208-230	Slv	5.0	3.0	5.0	5.1	10.6	15		
★ 1868	\$119	3/4	1075	208-230	Slv	10.0	4.5	5.0	5.8	10.3	20		
1879	\$166	3/4	1075	208-230	Ball	10.0	4.7	5.0	5.8	11.4	21		
★ 3742	\$249	3/4	1075	460	Ball	10.0	2.0	6.0	6.4	12.9	22		

Note 1 1.5" Stud Ext., Shaft End only, 104°F (40°C) Ambient, Double Flats
 Note 2 Includes 4 Holes in Shell for Rheem Mount

Note LA Limited Availability
 ★ — Suggested Distributor Stock Item

Permanent Split Capacitor MOJAVE™ Series Condenser Fan 5.6" Diameter, Totally Enclosed Air Over (TEAO)

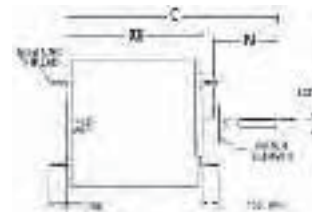


APPLICATIONS:

Residential and commercial condensing unit fan motors to meet manufacturer's requirements in extreme temperature locations.

FEATURES:

- 158°F (70°C) Ambient Design
- Ball Bearings Have All Angle Thrust System
- Class F Insulation
- Designed For Use With 370V Capacitors
- Extended Studs
- 48" Leads
- Hubless Lead End
- Drain Holes Both Ends
- Reversible Rotation
- Automatic Reset Thermal Overload Protector
- Continuous Duty



Stud Mount, Without Capacitor, Extreme High Ambient Design, All Angle Mount

Catalog Number	List Price	HP	RPM/Spd.	Volts	Bearings	Cap. MFD	Amps	Shaft N	Shell XI	Total C	Ship Wgt.	Notes
NEW! 1872H	\$122	1/8	825	208-230	Ball	5.0	0.78	6.0	4.3	10.6	13.7	
1874H	\$135	1/4-1/8	825	208-230	Ball	5.0	2.1	6.0	4.4	10.9	13.0	1
NEW! 1873H	\$138	1/6	825	208-230	Ball	5.0	1.2	6.0	4.3	10.6	17.0	
NEW! 1859H	\$84	1/6	1075	208-230	Ball	5.0	1	5.0	4.0	9.4	18.1	
1860H	\$88	1/4	1075	208-230	Ball	5.0	1.7	6.0	4.1	10.6	12.0	
1861H	\$93	1/3	1075	208-230	Ball	7.5	2.1	6.0	4.6	11.1	14.0	
1862H	\$104	1/2	1075	208-230	Ball	10.0	3.2	6.0	5.3	11.9	18.0	
NEW! 1875H	\$150	1/3	825	208-230	Ball	7.5	2.4	6.0	5.3	11.6	17.0	
1868H	\$126	3/4	1075	208-230	Ball	10.0	4.7	6.0	5.8	12.4	20.0	
NEW! 1870H	\$192	1/2	825	208-231	Ball	10.0	3.3	6.0	6.1	12.4	17.0	

460 Volt

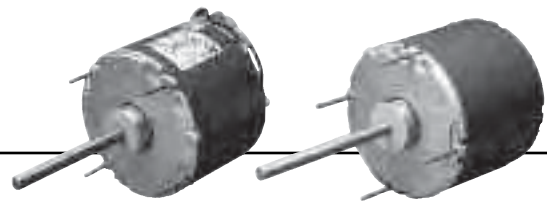
Catalog Number	List Price	HP	RPM/Spd.	Volts	Bearings	Cap. MFD	Amps	Shaft N	Shell XI	Total C	Ship Wgt.	Notes
NEW! 3736H	\$188	1/4	1075	460	Ball	7.5	0.8	6	4.8	11.1	18.1	
NEW! 3737H	\$216	1/3	1075	460	Ball	7.5	1.3	6	5.6	11.9	18.1	
NEW! 3738H	\$222	1/2	1075	460	Ball	10	1.5	6	5.8	12	18.1	
NEW! 3742H	\$255	3/4	1075	460	Ball	10	2	6	6.6	12.9	18.1	

See page 8 for additional RESCUE MOJAVE models.

Note 1 Includes 4 Holes With Screws In Shell For Rheem Mount

Permanent Split Capacitor Condenser Fan

5.6" Diameter, Open Drip-proof, Air Over



APPLICATIONS:

Designed to meet manufacturer's requirements for condenser cooling fans.

FEATURES:

- High Efficiency Economizer® Rated (except as noted)
- 60 Hz
- Capacitor Mounting Holes in Frame Band
- Continuous Duty, Air Over
- Water Slinger
- Designed for use with 370V Capacitors
- Automatic Reset Thermal Overload Protector
- Sleeve Bearings have All Angle Thrust System
- Green Ground Lead
- Reversible Rotation
- Class B Insulation
- Extended Studs are 8-32 UNC Thread unless otherwise noted
- 30" Leads
- Double Flats on Shaft
- Enclosed Endshield at Shaft End



Stud Mount, Shaft Up or Horizontal, Without Capacitor

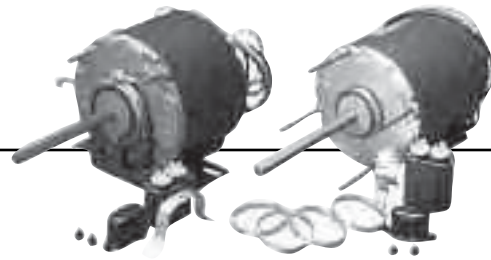
Catalog Number	List Price	HP	RPM/Spd.	Volts	Bearings	Cap. MFD	Amps	Shaft N	Base XD	Shell XI	Total C	Ship Wgt.	Notes	OEM
1675	\$131	1/8	1550	230	Slv	5.0	0.8	3.0		3.8	6.8	9		TR
8666	\$189	1/4	825	230	Slv	5.0	1.9	6.0	5.1	4.6	11.6	14		
★ 3851	\$81	1/4	1075	208-230	Slv	5.0	1.7	5.0	4.4	3.8	9.9	14	1	
8230	\$98	1/4	1075	208-230	Slv	5.0	1.6	3.3	-	3.8	7.1	10	2, 3, 4, 5	
8302	\$201	1/4	1075/2	230	Slv	5.0	1.9	6.0	4.9	4.3	11.3	16	LA	
1545	\$129	1/4	1625	208-230	Slv	5.0	1.4	3.5	-	3.8	7.3	13	LA	CA
2342	\$260	1/3	825	115	Ball	5.0	4.5	3.2	-	4.6	7.7	14	LA	AR
8667	\$197	1/3	825	230	Slv	7.5	2.0	6.0	5.6	5.1	12.1	16	2	
★ 6880	\$88	1/3	1075	208-230	Slv	5.0	2.2	5.0	4.9	4.3	9.4	12	1	
8301	\$283	1/3	1075/2	230	Slv	7.5	2.2	6.0	5.4	4.8	11.8	15	LA	
3225	\$140	1/3	1075/2	208-230	Ball	5.0	2.8	4.2	-	4.3	8.5	14	LA	CA
★ 3852	\$94	1/2	1075	208-230	Slv	7.5	3.1	5.0	5.4	4.8	10.9	15	1	
1444	\$142	1/2	1075	230	Ball	7.5	3.1	6.0	5.6	5.1	12.2	18		
9393	\$203	1/2	1075/2	230	Ball	10.0	3.3	6.0	5.9	5.3	12.4	19	LA	
3097	\$115	3/4	1075	208-230	Slv	10.0	4.8	5.0	6.6	6.1	12.1	20		
8665	\$159	3/4	1075	230	Ball	12.5	4.4	6.0	5.9	5.3	12.4	23		
8068	\$400	1	1080	200	Ball	30.0	5.9	4.5	—	6.1	11.1	25	3, 6	LE
1888	\$279	1	1075	208-230	Ball	15.0	5.2	6.0	6.8	6.3	13.4	25	1	

- Note 1 Not an Economizer® model
 Note 2 Stud Extensions Out Both Sides of Motor
 Note 3 No Hub on Lead End
 Note 4 Shaft-end Ventilated, Lead-end Enclosed, Shaft-down Mounting Only

- Note 5 Includes 4 Holes in Shell for Rheem Mount.
 Note 6 5/8" Shaft.
 Note LA Limited Availability
 ★ — Suggested Distributor Stock Item

Permanent Split Capacitor Condenser Fan

5.6" Diameter, Open Drip-proof, Air Over



APPLICATIONS:

Designed to meet manufacturer's requirements for condenser cooling fans.

FEATURES:

- High Efficiency Economizer® Rated (except as noted)
- 20" or 30" Leads unless otherwise noted
- Double Flats on Shaft—Economizer® Models
- Capacitor Mounting Holes in Frame Band
- Designed for use with 370V Capacitors
- Automatic Reset Thermal Overload Protector
- Sleeve Bearings have All Angle Thrust System
- Enclosed Endshield at Shaft End
- Continuous Duty, Air Over
- Class B Insulation
- Green Ground Lead
- Extended Studs
- 60 Hz
- Reversible Rotation
- Water Slinger

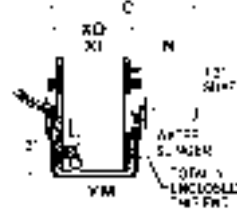


Figure A



Figure B

Resilient Base, Shaft Up or Horizontal, With Capacitor

Catalog Number	List Price	HP	RPM/ Spds.	Volts	Bearings	Cap MFD	Amps	Shaft N	Base XD	Shell XI	Total C	Stud YM	Ship Wgt.	Notes	OEM
3846	\$200	1/4	1075	230	Slv	5.0	1.9	4.9	5.1	4.6	10.4	1	15	1	
★ 4811	\$202	1/3	1625	230	Slv	5.0	1.8	4.9	5.1	4.6	10.7	1	16		
4961	\$281	1/3	1625	230	Ball	5.0	1.8	4.9	5.1	4.6	10.7	1	17	1	
3847	\$210	1/3	1075	230	Slv	7.5	2.2	4.9	5.5	4.9	10.9	1	16		
★ 4960	\$230	1/3	1075	230	Ball	7.5	2.2	4.9	5.4	4.8	10.9	1	16		
3849	\$231	1/3	825	230	Slv	10.0	2.3	5.0	7.1	6.5	12.4	1	24	1, LA	
3848	\$218	1/2	1075	230	Slv	7.5	3.1	5.0	6.5	5.9	12.0	1	19		
7025	\$272	1/2	1075	230	Ball	7.5	3.1	4.9	6.4	6.0	11.9	1	18		

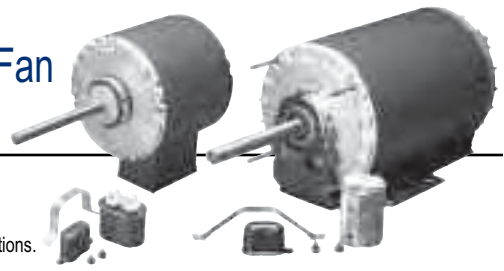
Hub Ring Mount (2 1/4"), Shaft Up or Horizontal, Without Capacitor (unless otherwise noted)

Catalog Number	List Price	HP	RPM/ Spds.	Volts	Bearings	Cap MFD	Amps	Shaft N	Base XD	Shell XI	Total C	Stud YM	Ship Wgt.	Notes	OEM
8053	\$141	1/6	1075	230	Slv	5.0	1.4	3.0	4.4	3.8	7.9	-	10		LE
136	\$108	1/5	1075	208-230	Slv	3.0	1.3	3.3	4.1	3.6	7.4	-	10	1, LA	RH
8054	\$163	1/4	1075	230	Slv	4.0	1.9	3.0	4.4	3.8	7.9	-	12		LE
8042	\$203	1/3	825	115	Ball	6.0	6.0	6.0	6.9	6.4	12.9	1	12	2, LA	
5345	\$208	1/3	825	230	Ball	5.0	3.0	6.0	6.9	6.4	12.9	1	19	2	
7040	\$189	1/3	825	208-230	Ball	7.5	2.6	6.0	6.4	6.0	12.4	1	18		
9993	\$161	1/3	1075	208-230	Slv	5.0	3.0	2.5	4.8	4.3	7.8	-	14	LA	LE
7041	\$279	1/2	825	230	Ball	12.5	2.8	6.0	6.7	5.8	13.2	1	21		

Note 1 Not an Economizer® model
 Note 2 Capacitor Supplied Detached

Note LA Limited Availability
 ★ — Suggested Distributor Stock Item

Permanent Split Capacitor Commercial Condenser Fan Open Drip-proof & Totally Enclosed, Air Over



APPLICATIONS:

Designed to meet manufacturer's requirements for condenser cooling fans in commercial air conditioning applications.

FEATURES:

- Capacitor and Outlet Box Included, unless noted
- Reversible Rotation
- Double-sealed Ball Bearing
- Continuous Duty, Air Over
- 40°C Ambient
- Dual Voltage
- Class B Insulation
- Automatic Reset Thermal Overload Protector

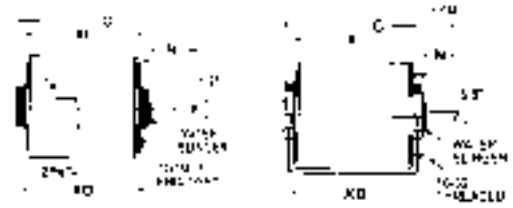


Figure A

Figure B

5.6" Diameter, All Angle Mounting, Hub Ring Mount (2 1/4") (Fig. A)

Catalog Number	List Price	HP	RPM/ Spds.	Volts	Bearings	Cap MFD	Amps	Shaft N	Base XD	Shell XI	Total C	Stud YM	Ship Wgt.	Notes	OEM
6838	\$213	1/4	1075	208-230/460	Ball	5	2.0/1.0	5	5.6	5.1	11.3	N/A	15	LA	
6727	\$224	1/3	1075	208-230/460	Ball	5	2.4/1.2	5	5.9	5.3	11.4	N/A	17		
7475	\$285	1/2	1075	208-230/460	Ball	10	2.8/1.4	5	6.4	5.8	11.9	N/A	20		
2201	\$322	1/2	1075	208-230/460	Ball	10	3.2/1.6	5	7.4	6.8	12.8	N/A	20	3	
8868	\$188	1/2	1075	208-230	Ball	10	3.8	3.0	--	6.3	9.3	.63	21	5, 6	
8869	\$190	1/2	1075	460	Ball	10	1.5	3.0	--	6.3	9.3	.63	21	2, 5, 6, 8	LA
2202	\$315	3/4	1075	208-230/460	Ball	12.5	4.6/2.3	5	8.4	7.8	13.8	N/A	23	2, 3	
6603	\$334	3/4	1075	208-230/460	Ball	7.5	5.0/2.5	5	6.9	6.3	12.4	N/A	22	2, 8	
5489	\$334	3/4	1075	208-230/460	Ball	7.5	5.0/2.5	5	6.9	6.3	12.3	N/A	22	1, 2, 5	
8233	\$244	3/4	1075	460	Ball	12.5	2.7	3	6.6	6.0	10.2	N/A	19	1, 2, 5	AA
8055	\$415	1	1080	460	Ball	15.0	2.5	5.0	--	6.6	11.6	N/A	20	7	LE

6.3" Diameter, All Angle Mounting, Hub or Stud Mount (4) (Fig. A with 5/8" shaft)

Catalog Number	List Price	HP	RPM/ Spds.	Volts	Bearings	Cap MFD	Amps	Shaft N	Base XD	Shell XI	Total C	Stud YM	Ship Wgt.	Notes	OEM
3568	\$376	1/2	825	208-230	Ball	10.0	3.6	6.0	7.0	6.0	13.4	1.5	25	1, 2, 5	
3566	\$402	3/4	1075	208-230	Ball	15.0	3.8	6.0	7.0	6.0	13.4	1.5	26	1, 2, 5	
3567	\$439	3/4	825	208-230	Ball	17.5	5.3	6.0	8.2	7.8	14.6	1.5	32	1, 2, 5	
3565	\$357	1	1075	208-230	Ball	17.5	5.2	6.0	7.5	6.5	13.9	1.5	30	1, 2, 5	
2203	\$355	1	1075	208-230/460	Ball	17.5	5.2/2.6	6.0	10.4	9.9	16.9	1.5	40	3	
8431	\$334	1	1075	208-230/460	Ball	12.5	5.8-5.4/2.7	6.0	9.9	9.4	16.4	1.8	41	1, 3	
2204	\$368	1-1/2	1075	208-230/460	Ball	20.0	7.6/3.8	6.0	10.9	10.3	16.9	1.5	43	3	

6.3" Diameter, Resilient Base (Fig. B)

Catalog Number	List Price	HP	RPM/ Spds.	Volts	Bearings	Cap MFD	Amps	Shaft N	Base XD	Shell XI	Total C	Stud YM	Ship Wgt.	Notes	OEM
2193	\$568	3/4	1075	208-230/460	Ball	30.0	4.8/2.5	4.1	8.3	7.8	13.1	--	28	5, 8	
2686	\$444	1	1075	208-230/460	Ball	17.5	5.1/2.6	5.0	10.5	9.3	15.8	1.5	38	4	
2896	\$475	1-1/2	1075	208-230/460	Ball	20.0	7.5/3.8	5.0	11.0	9.8	16.3	1.5	47	3, 4	

Note 1 Ventilated (In wet applications, position vent holes at bottom of motor; use rain shield if used shaft up.)

Note 2 No Outlet Box. Includes Leads

Note 3 Capacitor not included, Internal Conduit Box

Note 4 Quick Change Voltage Receptacle, No Outlet Box

Note 5 Capacitor Not Included

Note 6 Stud Mount

Note 7 Includes Rain Shield, Shaft-up Mounting

Note 8 CCWLE Rotation Only

Note LA Limited Availability

Three Phase Commercial Condenser Fan

Open Drip-proof, Air Over

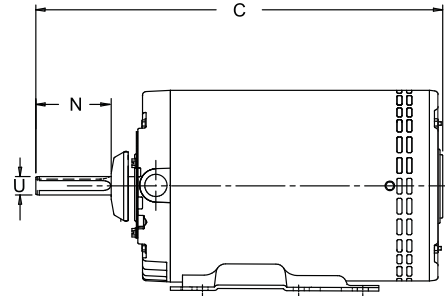


APPLICATIONS:

Designed to meet manufacturer's requirements for condenser cooling fans in commercial air conditioning applications where 3 phase power is required.

FEATURES:

- Automatic Reset Thermal Overload Protector
- Reversible Rotation
- Continuous Duty, Air Over
- Double-sealed Ball Bearings
- Dual Voltage
- Class B Insulation
- 140°F (60°C) Ambient Rated
- Shaft-up Mounting



Belly Band Mount, Flat and Keyway on Shaft

Catalog Number	List Price	HP	RPM	Volts	Bearings	NEMA Frame	Amps	Shaft Length (N)	Shaft Dia. (U)	SF	Total Length (C)	Ship Wgt.	Notes	OEM
1817	\$337	3/4	1140	208-230/460	Ball	56YZ	3.6/1.8	6.0	.625	1.00	16.8	28		
★ 1828	\$473	1	850	208-230/460	Ball	56YZ	5.0/2.5	6.0	.625	1.00	17.2	33		
★ 1829	\$543	1	850	575	Ball	56YZ	2.1	6.0	.625	1.00	17.2	33		
★ 1818	\$350	1	1140	208-230/460	Ball	56YZ	4.8/2.4	6.0	.625	1.00	16.8	29	LA	
★ 1816	\$388	1	1140	200-230/460	Ball	56YZ	6.0/3.0	3.0	.625	1.00	13.6	35		CA
1326	\$313	1	1140	200-230/460	Ball	48YZ	3.5-3.3/1.7	5.0	.500	1.00	14.5	19		DB
8058	\$360	1	1140	200-230/460	Ball	48YZ	3.6/1.8	3.4	.625	1.00	13.7	30		LE
★ 1819	\$384	1-1/2	1140	208-230/460	Ball	56YZ	7.1/3.6	6.0	.625	1.00	16.8	36		
8987	\$433	2	1140	208-230/460	Ball	56YZ	7.8/3.9	6.0	.625	1.00	16.8	43		

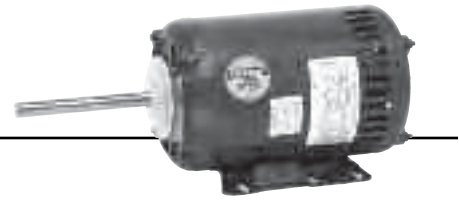
Rigid Base Mount, Flat and Keyway on Shaft

Catalog Number	List Price	HP	RPM	Volts	Bearings	NEMA Frame	Amps	Shaft Length (N)	Shaft Dia. (U)	SF	Total Length (C)	Ship Wgt.	Notes	OEM
4088	\$344	1/3	1140	230	Ball	56YZ	1.5	3.5	.500	1.00	12.2	20	2, LA	
★ 1820	\$391	1	1140	208-230/460	Ball	56YZ	4.8/2.4	6.0	.625	1.00	16.8	32		
★ 1821	\$430	1-1/2	1140	208-230/460	Ball	56YZ	7.2/3.6	6.0	.625	1.00	16.8	39		
1822	\$470	2	1140	208-230/460	Ball	56YZ	7.8/3.9	6.0	.625	1.00	17.3	45		

Note 1 50/60 Hz
 Note 2 Totally Enclosed Air Over

Note LA Limited Availability
 ★ — Suggested Distributor Stock Item

Three Phase Varitough™ Inverter Duty Commercial Condenser Fan, Open Air Over

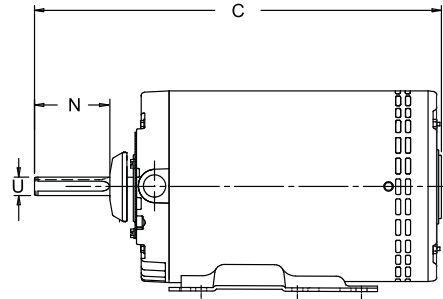


APPLICATIONS:

Designed for use on condenser cooling fans in commercial air conditioning applications, where 3 phase power and variable frequency drives (VFD's) are required.

FEATURES:

- Inverter Duty
- Designed to NEMA MG1-Part 31
- Open Drip-Proof, Shaft-up Design
- Continuous Duty, Air Over
- Class F Insulation



Belly Band Mount

Catalog Number	List Price	HP	RPM	NEMA Frame	Volts	Amps	Shaft Length (N)	Shaft Dia. (U)	Total (C)	Ship Wgt.
1830V	\$399	1	850	56YZ	460	2.6	3.25	.625	15.8	33
1828V	\$ 530	1	850	56YZ	208-230/460	5.3-5.3/2.6	6.00	.625	16.8	42
1818V	\$394	1	1140	56YZ	208-230/460	4.3-4.3/201	6.00	.625	15.8	33
1819V	\$ 425	1-1/2	1140	56YZ	208-230/460	7.8-7.8/3.9	6.00	.625	16.3	40
8987V	\$ 472	2	1140	56YZ	208-230/460	5.4-5.7/2.6	6.00	.625	17.3	43

Rigid Base Mount

Catalog Number	List Price	HP	RPM	NEMA Frame	Volts	Amps	Shaft Length (N)	Shaft Dia. (U)	Total (C)	Ship Wgt.
1820V	\$ 417	1	1140	56YZ	208-230/460	4.3-4.3/2.1	6.00	.625	15.8	34
1831V	\$442	1-1/2	850	56YZ	460	3.6	3.5	.625	15.8	40
1821V	\$ 456	1-1/2	1140	56YZ	208-230/460	5.3-5.3/2.6	6.00	.625	16.3	41
1822V	\$ 497	2	1140	56YZ	208-230/460	7.8-7.8/3.9	6.00	.625	17.3	44

Three Phase Commercial Belt-Drive Blower Motor

Open Drip-proof, Air Over Not Required

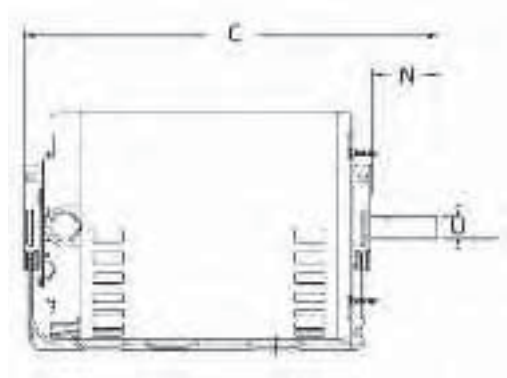


APPLICATIONS:

Designed to meet manufacturer's requirements for belt-drive blowers in commercial air conditioning applications where 3 phase power is required.

FEATURES:

- Automatic Reset Thermal Overload Protector
- Reversible Rotation
- Continuous Duty
- Double-sealed Ball Bearings
- Dual Voltage
- Class B Insulation
- 104°F (40°C) Ambient



Rigid Base Mount

Catalog Number	List Price	HP	RPM	Volts	Bearings	NEMA Frame	Amps	Shaft Length (N)	Shaft Dia. (U)	SF	Total Length (C)	Ship Wgt.	Notes	OEM
1813	\$351	1	1725	208-230/460	Ball	56	3.4/1.7	1.9	.625	1.15	11.9	24	1	
1814	\$396	1-1/2	1725	208-230/460	Ball	56H	5.0/2.5	1.9	.625	1.15	12.4	27	1, 5	
7913	\$393	1-1/2	1725	200-230/460	Ball	56HZ	5.0/2.5	2.3	.875	1.15	12.4	39		LE
1815	\$432	2	1725	208-230/460	Ball	56H	6.6/3.3	1.9	.625	1.15	12.4	29	1	
7914	\$420	2	1725	200-230/460	Ball	56HZ	7.6-7.8/3.9	2.3	.875	1.15	12.4	45		LE
8461	\$594	2	1725	208-230/460	Ball	145T	6.3-6.2/3.1	2.3	.875	1.00	12.5	37	2, 4, 6	
7915	\$519	3	1725	200-230/460	Ball	56HZ	9.0-9.2/4.6	2.3	.875	1.15	13.3	48		LE

Resilient Mount



Catalog Number	List Price	HP	RPM	Volts	Bearings	NEMA Frame	Amps	Shaft Length (N)	Shaft Dia. (U)	SF	Total Length (C)	Ship Wgt.	Notes	OEM
8496	\$294	1/3	1725	208-230/460	Ball	56	1.5-1.6/0.8	1.9	.625	1.0	10.3	18	2, 3	
8458	\$511	1/2	1140	208-230/460	Ball	56	2.4-2.4/1.2	1.9	.625	1.0	11.1	26	4	
8488	\$391	1/2	1725	208-230/460	Ball	56	2.1-2.2/1.1	1.9	.625	1.25	10.3	20		
8489	\$429	3/4	1725	208-230/460	Ball	56	2.9-2.9/1.5	1.9	.625	1.25	10.8	22		
8498	\$378	1	1725	208-230/460	Ball	56	4.3/2.2	1.9	.625	1.25	11.3	26		
8460	\$402	1	1725	208-230/460	Ball	56	3.0/1.5	1.9	.625	1.00	11.1	27	4	
8490	\$475	1-1/2	1725	208-230/460	Ball	56H	5.2-5.1/2.6	1.9	.625	1.15	12.8	32		
8491	\$609	1-1/2	1725	208-230/460	Ball	145T	5.0-4.6/2.4	2.3	.875	1.15	13.2	40		
8493	\$545	2	1725	208-230/460	Ball	56H	6.1-6.3/3.1	1.9	.625	1.15	12.8	41		
8494	\$612	2	1725	208-230/460	Ball	145T	6.1-6.3/3.1	2.3	.875	1.15	13.2	44		

Note 1 Quick Voltage Change Device

Note 2 Conduit Box

Note 3 5.6" Diameter

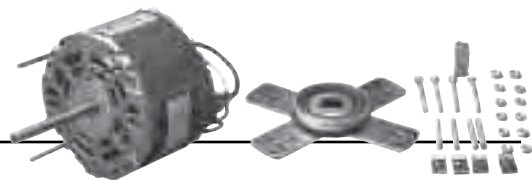
Note 4 Totally Enclosed Air Over

Note 5 Base Has Holes For 56 & 56H

Note 6 No Protector

21/29 Frame Replacement Motor

5.0" Diameter, Open Drip-proof, Air Over

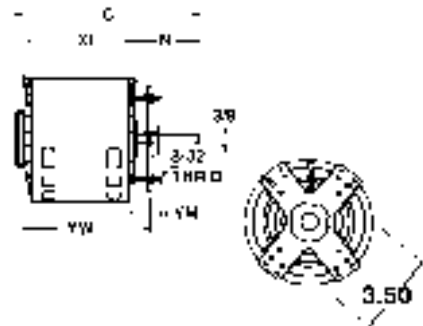


APPLICATIONS:

Designed to replace most original 21 and 29 frame GE motors.

FEATURES:

- Four Motors Replace Most Original 21 Frame GE Motors (see below)
- Sleeve Bearings
- Holes Provided for Attaching a BX Connector
- Resilient Hub Rings, 2 1/4" Diameter
- Rotation CCW Lead End except 1468
- 30" Leads
- Dual Voltage Easily Changed by Quick Connects
- Class B Insulation
- 3/8" Diameter Shafts with 1/2" Adapters
- Extended Thru-bolts
- Automatic Reset Thermal Overload Protector
- Mounting Bracket Provided at Shaft End
- Can be Moved on Extended-Thru bolts to Fit Most Existing Bases
- Has Mounting Holes and Bolts to Match 21 Frame Bolt Circle for Stud Mounting
- Can be Resilient Mounted, Band Mounted or End Mounted



Hub Mount Bracket (2-1/4") Single Speed

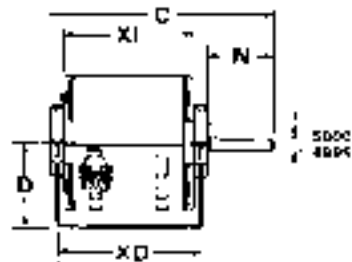
Catalog Number	List Price	HP	RPM	Volts	Bearings	Amps	Shaft N	Shaft Dia.	Shell XI	Total C	Stud YM	Max. Ext. YW	Ship Wgt.	Notes
1468P	\$134	1/20	1550	115/208-230	Slv	2.2/1.1	3.3	0.375	3.3	7.1	1.5	5.6	7	2
1469	\$141	1/15	1550	115/208-230	Slv	2.8/1.4	3.5	0.375	3.3	7.4	1.5	5.8	7	
1470P	\$143	1/10	1550	115/208-230	Slv	3.8/1.9	3.5	0.375	3.6	7.6	1.5	6.1	7	2
1471	\$144	1/10	1050	115/208-230	Slv	3.8/1.9	3.3	0.375	3.8	7.6	1.5	6.1	7	

Replacement Cross Reference

Catalog Number	GE Number
1468	DG3001, DG3002, DG3003, DG3004, DG3021, DG3022, DG3023, DG3024
1469	FG3101, FG3102, FG3103, FG3104, FG3121, FG3122, FG3123, FG3124
1470	HG3201, HG3202, HG3203, HG3204, HG3221, HG3222, HG3223, HG3224
1471	HG3253, HG3254, HG3275, HG3263, HG3264

FEATURES:

- 36" Leads
- Reversible Rotation
- Sleeve Bearings have All Angle Thrust System
- BX Connector
- CW Lead End
- Class B Insulation
- Continuous Duty, Air Over
- Automatic Reset Thermal Overload Protector
- Connection Instructions Included in Nameplate Data
- Green Ground Lead



Resilient Base Single Speed

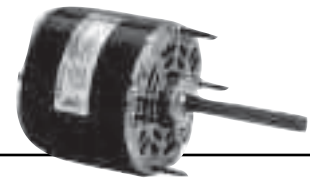
Catalog Number	List Price	HP	RPM	Volts	Bearings	Frame	Amps	Shaft N	Shell XD	Shell XI	Total C	D	Ship Wgt.	Notes
721P	\$200	1/10	1550	115/230	Slv	42Y	2.6	2.4	3.9	3.3	6.9	2.6	9	
722P	\$194	1/6	1550	115/230	Slv	42Z	2.7	2.4	4.4	3.8	7.4	2.6	11	

Note 1 Rotation CWLE

Note LA Limited Availability

Direct Drive Fan

Single & Double Shaft, 5.0" Diameter, Open, Air Over



APPLICATIONS:

Designed to meet manufacturer's requirements for direct drive fans & blowers.

FEATURES:

- Sleeve Bearings have All Angle Thrust System
- Continuous Duty, Air Over
- 24" Line Leads unless otherwise noted
- Automatic Reset Thermal Overload Protector
- Connection Information Furnished in the Nameplate Data

NOTE: Shaded Pole design except where noted

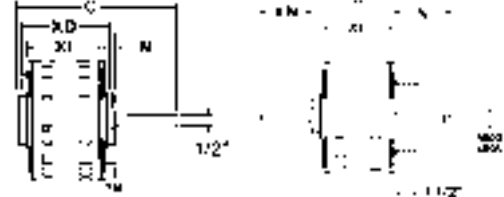


Figure A



Figure B

5.0" Diameter, Stud or Hub Ring Mount (2.5") (Fig. A)

Catalog Number	List Price	HP	RPM/ Spds.	Volts	Bearings	NEMA Frame	Amps	Shaft N	Base XD	Shell XI	Total C	Stud YM	Ship Wgt.	Notes	OEM
1334	\$147	1/15	1050	115	Slv	42	2.8	1.9	N/A	3.3	5.2	0.6	10	1, 2, 3, 6	
1335	\$177	1/15	1050	115	Slv	42	2.8	1.3	3.8	3.3	5.7	N/A	12	2, 3, 4	
1342	\$160	1/15	1050	115	Slv	42	2.6	2.8	N/A	3.8	6.6	0.6	10	2, 3, 5	
1333	\$186	1/15	1050/2	115	Slv	42	3	1.9	N/A	3.3	5.2	0.6	11	1, 2, 3	
1336	\$158	1/10	1050	115	Slv	42	3.7	1.8	N/A	3.8	5.7	0.6	11	1, 2, 3	
985	\$156	1/10	1050/3	115	Slv	42	3.5	4.0	4.1	3.6	8.6	N/A	7	1, 2, 3	
1337	\$116	1/8	1050	115	Slv	42	7.3	5	5	4.5	10.4	0.9	13	1, 2, 3	
★ 1127P	\$101	1/6	1050	115	Slv	42	6.0	4.0	5.0	4.3	9.4	N/A	12	1, 2, 3, 10	
2166	\$85	1/6	1050	115	Slv	42	5.2	3.5	4.5	3.8	8.9	N/A	10	2, 3	MI
1631	\$153	1/6	1050	230	Slv	42	2.9	6.0	4.9	4.3	11.3	N/A	12	1, 2, 3	
1340	\$134	1/5	1050	115	Slv	42	7.1	2.2	5.2	4.7	7.9	0.9	14	1, 2, 3	
1338P	\$133	1/5	1050/3	115	Slv	42	7.3	4.9	5.5	5.0	10.9	0.9	14	1, 2, 3, 10	
1339	\$123	1/5	1050/3	208-230	Slv	42	3.9	4.9	5.5	5.0	10.9	0.9	14	1, 2, 3	
1341	\$181	1/4	1050	115	Slv	42	8.9	2.6	5.7	5.2	8.7	0.9	15	1, 2, 3	

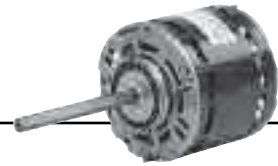
5.0" Diameter, Resilient Base, Double Shaft (Fig. B)

Catalog Number	List Price	HP	RPM/ Spds.	Volts	Bearings	Rotation LE	Amps	Shaft N	Shaft XN	Shell XI	Total C	Ship Wgt.	Notes	OEM
2819	\$175	1/10	1050/2	115	Slv	CCW	4.8	4.0	4.0	3.8	14.3	10		
2820	\$190	1/10	1050/2	230	Slv	CCW	4.6	4.0	4.0	3.3	14.3	10		
2818	\$207	1/10	1050/4	115	Slv	CCW	4.8	8.4	8.4	4.1	21.9	11		
2827	\$207	1/10	1050/5	115	Slv	CW	4.8	10.0	10.0	4.1	25.2	9	8	
2817	\$213	1/10	1550/3	115	Slv	CCW	3.8	8.4	8.4	4.6	22.4	8		
3996	\$121	1/8	1550/4	115	Slv	CW	1.8	10.5	10.5	3.3	25.4	7	10	
1238	\$115	1/6	1625/2	115	Slv	CCW	2.3	7.0	7.0	3.9	18.9	11	10	
1124	\$90	1/5	1075	208-230	Slv	CW	1.3	5.7	5.7	4.1	16.5	12	11	YK
1221P	\$204	1/4	1550/3	230	Slv	CCW	3.4	8.0	8.0	4.3	20.9	14	7, 9	

- Note 1 21" Line Leads
 Note 2 Rotation CCW L.E.
 Note 3 Non-reversible
 Note 4 Includes Base
 Note 5 Conduit Box on Motor
 Note 6 3/8" Shaft

- Note 7 Fig. B Type, Includes Mounting Kit; Non-Reversible
 Note 8 Non-Reversible; 54" Leads; Includes Resilient Base
 Note 9 20" Leads
 Note 10 PSC, Capacitor Included and Attached
 Note 11 PSC, 5.0 MFD Capacitor Required
 ★ — Suggested Distributor Stock Item

Permanent Split Capacitor Direct Drive Fan Single Shaft 5.0" Dia., Open, Air Over

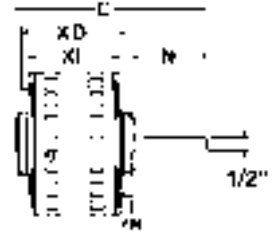


APPLICATIONS:

Designed to meet manufacturer's requirements for use on direct drive fan & blowers.

FEATURES:

- Reversible Unless Noted
- Sleeve Bearings have All Angle Thrust System
- Designed for use with 370V Capacitors
- Continuous Duty, Air Over
- 24" Line Leads unless otherwise noted
- Automatic Reset Thermal Overload Protector
- Connection and Capacitor Information Furnished in the Nameplate Data



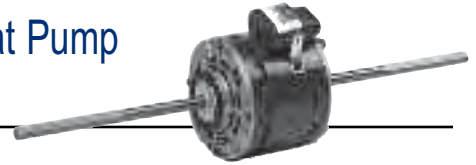
Permanent Split Capacitor, 5.0" Diameter, Stud or Hub Ring Mount (2.5")

Catalog Number	List Price	HP	RPM/ Spds.	Volts	Bearings	Cap. MFD	Amps	Shaft N	Base XD	Shell XI	Total C	Stud YM	Ship Wgt.	Notes
8956	\$102	1/10	1625/3	115	Slv	5.0	1.2	5.3	4.8	4.3	10.7	.75	9	
8950	\$127	1/8	1075/3	115	Slv	5.0		4.0	4.4	3.9	8.9	.75	9	
6479	\$126	1/6	1075	115	Slv	4.0	2.8	4.1	--	3.8	7.9	N/A	-	3
8951	\$116	1/5	1075/3	115	Slv	5.0	2.7	4.0	5.3	4.8	9.9	.75	11	
8952	\$161	1/5	1075/3	203-230	Slv	5.0	1.6	4.0	5.3	4.9	9.9	N/A	11	
★ 1268	\$117	1/5	1075/4	115	Slv	4.0	3.5	3.5	4.6	4.1	8.7	1	10	2
6480	\$87	1/4	1050	115	Slv	7.5	4.0	5.0	--	4.1	9.1	N/A	-	3
★ 1390	\$94	1/4	1050/3	115	Slv	7.5	2.8	4.0	4.9	4.3	8.9	1	13	1
★ 1391	\$95	1/4	1050/3	208-230	Slv	7.5	1.5	4.0	4.9	4.3	8.9	1	13	1
8955	\$106	1/3	1075/3	115	Slv	15.0	3.8	4.0	5.1	-	10.2	.75	13	

Note 1 Hub Rings not included
Note 2 Class B Insulation

Note 3 Band Mounting
★ — Suggested Distributor Stock Item

Permanent Split Capacitor Packaged Terminal A/C-Heat Pump 5.0" Diameter, Open, Air Over



APPLICATIONS:

Designed to meet manufacturer's requirements for use in package terminal air conditioners or heat pump units.

FEATURES:

- Sleeve Bearings have All Angle Thrust System
- Continuous Duty, Air Over
- Designed for use with 370V Capacitors
- Automatic Reset Thermal Overload Protector

Single Shaft, Direct Drive Blower

Catalog Number	List Price	HP	RPM/ Spds.	Volts	Bearings	Cap MFD	Amps	Shaft N	Shaft XN	Shell XI	Total C	Mount	Ship Wgt.	Notes	OEM
1374	\$165	1/30	1075/3	115	Slv	5.0	.50	8.5	-	4.1	13.4	Resilient	10	1	TR
4125	\$156	1/30	1100/3	115	Slv	4.0	.53	8.0	-	4.1	13.7	Resilient	6	1	IE
4126	\$126	1/30	1075/3	265	Slv	3.0	.39	7.0	-	3.8	10.8	Flex	6		IE
1676	\$219	1/20	1100/3	115	Slv	5.0	.55	8.7	-	3.3	13.1	Resilient	9	1	TR
1965	\$134	1/20	1100/3	265	Slv	4.0	.45	3.5	-	4.3	7.8	3 Lugs	10	3	AM
3034	\$131	1/20	1075/3	208-230	Slv	4.0	.50	3.5	-	3.8	6.8	3 Lugs	10	LA	AM
4136	\$165	1/20	1075/3	208-230	Slv	5.0	.55	6.5	-	4.1	10.6	Flex	8		IE
1959	\$140	1/20	1075/3	265	Slv	3.0	.40	6.5	-	4.1	10.6	Flex	8		IE
4137	\$145	1/20	1075/3	277	Slv	4.0	.55	6.5	-	3.4	9.9	3 Lugs	8		IE
1678	\$148	1/16	850/3	277	Slv	4.0	.50	2.3	-	4.1	6.3	3 Lugs	12	1	TR
1961	\$144	1/15	1075/3	265	Slv	4.0	.60	7.0	-	3.8	10.8	Flex	12		IE
1958	\$137	1/10	1050/3	277	Slv	4.0	.65	4.0	-	4.1	8.1	Flex	12	1	
4129	\$137	1/5	925/3	208-240	Slv	6.0	1.9	7.0	-	4.6	11.6	Flex	12		IE
4130	\$149	1/4	925/3	115	Slv	12.5	6.0	7.0	-	4.8	11.8	Flex	13		IE
1962	\$157	1/4	1050/3	277	Slv	7.5	1.6	7.0	-	5.1	12.6	Flex	13		IE
4131	\$155	1/4	1075/3	265	Slv	10.0	1.6	5.25	-	4.8	10.1	Flex	13		IE

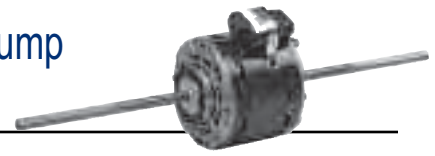
Dual Shaft, Direct Drive Blower

Catalog Number	List Price	HP	RPM/ Spds.	Volts	Bearings	Cap MFD	Amps	Shaft N	Shaft XN	Shell XI	Total C	Mount	Ship Wgt.	Notes	OEM
1090	\$170	1/15	1100/3	115	Slv	5.0	.8	9.7	10.8	3.8	25.4	Resilient	7		TR
1960	\$147	1/12	1150/3	277	Slv	5.0	.7	7.6	8.3	4.3	21.2	Hub Ring	9	1	IE
4127	\$161	1/12	1375/3	115-127	Slv	6.0	1.35	8.0	8.25	3.8	21.2	Hub Ring	9	1	IE
1957	\$150	1/10	1050/3	277	Slv	4.0	.7	8.0	8.0	3.8	20.9	Hub Ring	9	1	
1963	\$167	1/8	1500/3	277	Slv	-	2.3	6.5	6.5	3.8	17.9	Resilient	10	2	
1964	\$170	1/8	1500/3	277	Slv	4.0	.8	7.8	8.3	4.1	21.2	Resilient	10	1	
1955	\$157	1/6	1050/3	115	Slv	4.0	2.8	8.0	8.0	3.8	20.9	Hub Ring	11	1	
4128	\$172	1/6	1450/3	115-127	Slv	5.0	2.55	8.0	8.3	4.1	21.4	Hub Ring	11	1	IE
8525	\$186	1/6	1625/4	115	Slv	5.0	2.2	8.0	8.0	4.2	21.2	Resilient	12		

Note 1 Capacitor Supplied
Note 2 Shaded Pole

Note 3 Reversible
Note LA Limited Availability

Permanent Split Capacitor Packaged Terminal A/C-Heat Pump 5.6" and 6.3" Diameter, Open, Air Over

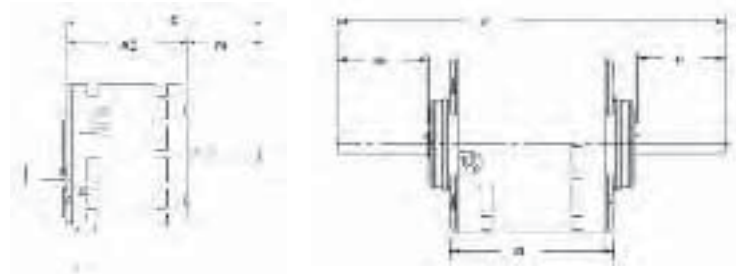


APPLICATIONS:

Designed for use in package terminal air conditioners or heat pump units.

FEATURES:

- Sleeve Bearings have All Angle Thrust System
- Designed for use with 370V Capacitors
- Continuous Duty, Air Over
- Automatic Reset Thermal Overload Protector



5.6" Diameter, Single Shaft, Direct Drive Blower (Fig. A)

Catalog Number	List Price	HP	RPM/ Spds.	Volts	Bearings	Cap MFD	Amps	Shaft N	Shaft XN	Shell XI	Total C	Mount	Ship Wgt.	Notes	OEM
3033	\$146	1/12	1200/2	208-230	Slv	4.0	.56	4.5	-	3.6	8.1	3 Lugs	10		AM
1954	\$129	1/12	1250/2	265	Slv	4.0	0.6	2.25	-	3.8	6.1	Band	10		
1679	\$160	1/10	810/3	277	Slv	5.0	0.6	2.5	-	4.1	6.6	3 Lugs	12	1	TR
1680	\$154	1/5	970/3	277	Slv	5.0	0.8	2.5	-	4.3	6.8	3 Lugs	12	1, LA	TR
1956	\$177	1/3	825	230/460	Ball	5.0	2.7/1.4	6.5	-	5.3	11.7	Stud	18		

5.6" Diameter, Dual Shaft, Direct Drive Blower (Fig. B)

Catalog Number	List Price	HP	RPM/ Spds.	Volts	Bearings	Cap MFD	Amps	Shaft N	Shaft XN	Shell XI	Total C	Mount	Ship Wgt.	Notes	OEM
1042	\$161	1/8	1075/3	277	Slv	5.0	0.8	8.4	8.4	3.7	21.7	Hub Ring	10		
3360	\$138	1/5	1040/3	265-277	Slv	3.0	1.3	3.0	7.0	3.8	13.8	Lug	12		CA
1043	\$220	1/4	1075/3	277	Slv	5.0	1.5	7.5	7.8	4.4	20.1	Stud/Hub Ring	14		
8231	\$220	3/4	1625	230	Slv	7.5	5.2	3.4	3.8	7	15.3	Resilient	22	LA	AD/SE

6.3" Diameter, Dual Shaft, Direct Drive Blower (Fig. C)

Catalog Number	List Price	HP	RPM/ Spds.	Volts	Bearings	Cap MFD	Amps	Shaft N	Shaft XN	Shell XI	Total C	Mount	Ship Wgt.	Notes	OEM
2328	\$323	3/4	1075	208-230	Slv	10	4.0	7.6	7.6	7.9	24.1	Resilient	34		FE

PTAC OEM Cross Reference

Emerson Catalog Number	OEM Number	Industry Number
4127	700215-16	5KCP29BK6777S
4128	700215-17	5KCP29DK6774S
4130	700215-21	5KCP29MK6102S
4129	700215-42	5KCP29KK4878AS
4137	700215-45	5KCP29FK977S
1962	700215-48	5KCP29MK6109S
4125	700216-92	5KCP29BK5875S
4126	705563-07	5KCP29BK6016AS
1959	705563-08	5KCP29FK6017S
1961	705563-09	5KCP29DK6018S
4131	705563-12	5KCP29MK6021S

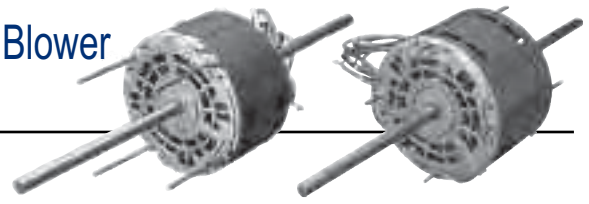
Emerson Catalog Number	OEM Number	Industry Number
4136	705563-14	5KCP29FK6023S
1960	705563-26	5KCP29BK6366S
1954	C61148-2	5KCP39CGD588BS
1965	C61174-8	5KCP29FK2632S
1964		5KCP29CK8613S
1963		5KSP29HK7136S
1957		D277
1958		D277 (Rev. rotation)
1955		D354
1956		D921

Note 1 Capacitor Supplied

Note LA Limited Availability

Permanent Split Capacitor Double Shaft Fan & Blower

5.6" Diameter, Open Drip-proof, Air Over



APPLICATIONS:

Design to meet manufacturer's requirements for blowers utilizing a double-shaft motor.

FEATURES:

- Automatic Reset Thermal Overload Protector
- CCW Rotation Lead End
- Sleeve Bearings have All Angle Thrust System
- Continuous Duty, Air Over
- Green Ground Lead
- Connection and Capacitor Information Furnished on Nameplate
- Three Speed
- Designed for use with 370V Capacitors
- Mounting Holes in Shell for Mounting Capacitor
- When supplied, Capacitor and Mounting Hardware are supplied detached
- Hub Rings are 2 1/4" Diameter, furnished detached, with extra Metal Outer Rings for adapting to 2 1/2" Diameter
- 20" Leads
- Class B Insulation

Hub or Stud Mount, Without Capacitor and Mounting Kit, Single Speed

Catalog Number	List Price	HP	RPM/ Spds.	Volts	Bearings	Cap MFD	Amps	Shaft N	Shaft XN	Shell XI	Total C	Ship Wgt.	Notes	OEM
2554	\$184	1/2	1075	208-230	Slv	7.5	2.4	9.1	9.1	4.8	24.1	18	LA	YK

Hub or Stud Mount, With Capacitor and Mounting Kit, Two Speed

Catalog Number	List Price	HP	RPM/ Spds.	Volts	Bearings	Cap MFD	Amps	Shaft N	Shaft XN	Shell XI	Total C	Ship Wgt.	Notes	OEM
1244	\$156	1/4	1075/2	115	Slv	5.0	4.4	7.0	7.0	4.4	19.4	16	2	
1242	\$165	1/4	1625/2	115	Slv	3.0	3.6	7.0	7.0	3.9	18.9	13	2	
1243	\$170	1/4	1625/2	230	Slv	3.0	1.8	7.0	7.0	3.9	18.9	12	2	
1248	\$116	1/2	1075/2	230	Slv	5.0	3.8	7.0	7.0	4.9	19.9	19	2	

Hub or Stud Mount, With Capacitor and Mounting Kit, Three Speed

Catalog Number	List Price	HP	RPM/ Spds.	Volts	Bearings	Cap MFD	Amps	Shaft N	Shaft XN	Shell XI	Total C	Ship Wgt.	Notes	OEM
1216	\$152	1/6	1075/3	115	Slv	5.0	3.0	8.0	8.0	3.6	20.1	12		
1215	\$135	1/6	1075/3	230	Slv	4.0	1.5	8.0	8.0	4.1	20.1	12		
1240	\$146	1/6	1075/3	115	Slv	5.0	2.9	7.0	7.0	3.7	18.7	12	2	
1885	\$228	1/6	1625/3	230	Slv	5.0	1.4	8.0	8.0	3.8	20.3	14		
1887	\$211	1/3	1625/3	230	Slv	5.0	2.2	8.0	8.0	4.3	20.8	13		
1213	\$157	1/3	1075/3	230	Slv	5.0	2.5	8.0	8.0	4.3	20.1	18		
5108	\$161	1/3	1075/3	230	Slv	5.0	2.3	4.3	4.6	4.3	14.2	16		WP
1247	\$175	1/3	1075/3	230	Slv	5.0	2.5	7.0	7.0	4.7	19.7	18	2	
5824	\$190	1/2	1075/3	230	Slv	5.0	4.5	5.7	5.7	6.3	18.9	18	1	LA
1824	\$183	1/2	1075/3	230	Slv	5.0	4.5	8.0	8.0	5.4	22.0	19		

Note 1 With Two 5/8" Shaft Adapters and Hubs on Both Ends.
Length Adapter Not Supplied

Note 2 Resilient Mounting

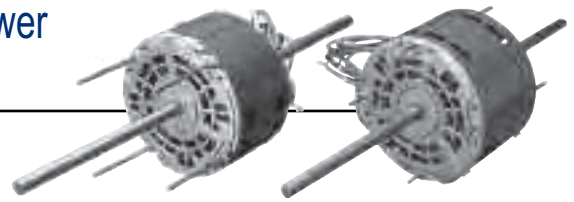
Note 3 Totally Enclosed Air Over

Note LA Limited Availability

★ — Suggested Distributor Stock Item

Permanent Split Capacitor Double Shaft Fan & Blower

5.6" Diameter, Open Drip-proof, Air Over



APPLICATIONS:

Design for blowers utilizing a double-shaft motor.

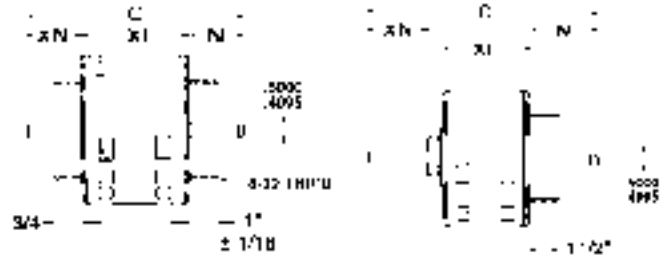


Figure A

Figure B

Hub or Stud Mount, Without Capacitor and Mounting Kit, Three Speed (Fig. B)

Catalog Number	List Price	HP	RPM/ Spds.	Volts	Bearings	Cap MFD	Amps	Shaft N	Shaft XN	Shell XI	Total C	Ship Wgt.	Notes	OEM
8523	\$155	1/8	1075/3	115	Slv	5.0	2.1	7.0	9.0	3.7	20.1	11		
12160	\$97	1/6	1075/3	115	Slv	5.0	3.0	8.0	8.0	3.6	20.1	11		
★ 3133	\$98	1/6	1075/3	230	Slv	4.0	1.5	8.0	8.0	3.8	20.4	12		
8682	\$104	1/5	1000/3	208-230	Slv	7.5	1.9	4.3	4.3	5.8	14.3	13	LA	WP
8681	\$101	1/5	1650/3	115	Slv	7.5	1.6	3.8	2.9	4.1	11.4	12	LA	WP
★ 3134	\$147	1/4	1075/3	230	Slv	5.0	1.9	8.0	8.0	4.6	20.1	13		
★ 3135	\$113	1/3	1075/3	230	Slv	5.0	2.5	8.0	8.0	4.6	21.1	14		
★ 3136	\$123	1/2	1075/3	230	Slv	5.0	4.5	8.0	8.0	5.4	22.0	20		
8683	\$128	1/2	1100/3	208-230	Slv	10.0	2.0	4.3	4.3	5.8	12.3	16	LA	WP

Stud Mount, Without Capacitor and Mounting Kit, Three Speed, Economizer® High Efficiency (Fig. A)

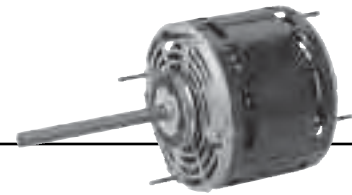
Catalog Number	List Price	HP	RPM/ Spds.	Volts	Bearings	Cap MFD	Amps	Shaft N	Shaft XN	Shell XI	Total C	Ship Wgt.	Notes	OEM
8725	\$204	1/4	1625/3	230	Slv	6.0	1.6	7.0	7.0	4.1	18.1	12		
1186	\$202	1/8	1075/3	115	Slv	5.0	2.1	6.0	6.0	3.9	15.8	12	3	
1187	\$205	1/8	1075/3	208-230	Slv	5.0	0.9	6.0	6.0	3.9	15.8	12	3	
8726	\$211	1/3	1625/3	230	Slv	7.5	1.9	7.0	7.0	4.3	18.3	13		
1188	\$262	1/5	1075/3	208-230	Slv	5.0	1.4	6.0	6.0	3.9	15.8	12	LA	

Note 1 With Two 5/8" Shaft Adapters and Hubs on Both Ends.
Length Adapter Not Supplied

Note 2 Resilient Mounting
Note 3 Totally Enclosed Air Over

Permanent Split Capacitor Direct Drive Fan & Blower

5.6" Diameter, Open, Air Over

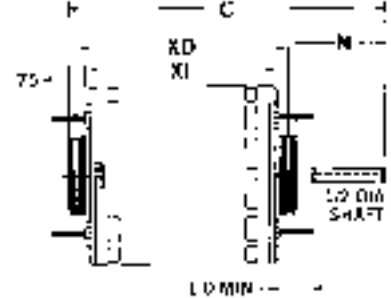


APPLICATIONS:

Residential and commercial condensing unit fan motors.

FEATURES:

- Stud Extensions On Popular Models
- Designed for use with 370V Capacitors
- Class B Insulation
- 24" Leads
- Continuous Duty, Air Over
- Sleeve Bearings Have All Angle Thrust System
- Reversible Rotation
- Automatic Reset Thermal Overload Protector
- Connection And Capacitor Information Furnished In The Nameplate Data
- 2.5" Dia. Hub Rings Included



Hub Ring Mount (2.5") except as noted, Without Capacitor

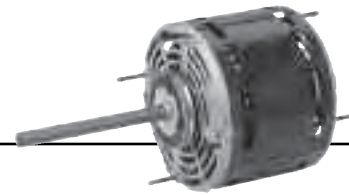
Catalog Number	List Price	HP	RPM/Spd.	Volts	Cap. MFD	Amps	Shaft N	Base XD	Shell XI	Total C	Ship Wgt.	Notes	OEM
3484	\$148	1/8	1075	230	5.0	1.0	2.3	-	3.6	6.4	9	LA	RH
★ 1863	\$87	1/4	1075/3	115	5.0	3.9	5.0	4.9	4.3	10.4	12		
1690	\$167	1/4	1625/3	115	10.0	2.7	5.0	4.9	4.3	10.4	13		
★ 1971	\$89	1/4	1075/3	208-230	5.0	1.8	5.0	4.9	4.3	10.4	11		
600	\$184	1/4	1075/3	277	4.0	1.6	5.0	5.1	4.6	10.7	14	3	
★ 1864	\$90	1/3	1075/3	115	7.5	5.0	5.0	5.1	4.6	10.7	12		
591	\$168	1/3	1050/3	115	7.5	7.0	2.9	-	4.6	7.44	14	7, LA	RH
1692	\$178	1/3	1625/3	115	15.0	3.7	5.0	5.1	4.6	10.7	13		
1410	\$191	1/3	1075/4	115	7.5	5.3	2.5	5.5	4.8	8.4	16		CA
★ 1972	\$92	1/3	1075/3	208-230	5.0	2.4	5.0	4.9	4.3	10.4	13		
8060	\$231	1/3	1075/3	208-230	5.0	2.0	2.5	-	3.8	6.9	11	LA	LE
601	\$170	1/3	1075/3	277	4.0	2.2	5.0	5.2	4.7	10.7	14	3	
1693	\$213	1/3	1625/3	208-230	5.0	2.1	5.0	5.1	4.6	10.7	13		
8064	\$194	1/2	825/2	208-230	20.0	4.4	2.5	5.6	6.1	9.0	21	3	LE
★ 1865	\$108	1/2	1075/3	115	10.0	7.4	4.0	6.0	5.4	10.4	19		
5451	\$161	1/2	1075/3	115	7.5	6.8	3.8	-	4.6	8.31	14	LA	RH
1694	\$198	1/2	1625/3	115	15.0	5.5	5.0	5.9	5.3	11.4	17	6	
★ 1973	\$112	1/2	1075/3	208-230	7.5	3.3	5.0	5.9	5.3	11.4	19		
602	\$233	1/2	1075/3	277	6.0	3.4	5.0	5.5	4.9	10.9	16	3	

Note 2 Class B Insulation, Studs Shaft Side Only, Ball Bearings
 Note 3 No Stud Extension
 Note 4 36" Leads, 2.25" Dia. Hubs With 2.5" Dia. Kit Included.
 Note 5 Shaft-End Studs Only

Note 6 Class A Insulation
 Note 7 Band Mount
 Note LA Limited Availability
 ★ — Suggested Distributor Stock Item

Permanent Split Capacitor Direct Drive Fan & Blower

5.6" Diameter, Open, Air Over

**APPLICATIONS:**

Residential and commercial condensing unit fan motors.

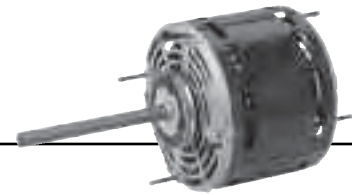
Catalog Number	List Price	HP	RPM/Spd.	Volts	Cap. MFD	Amps	Shaft N	Base XD	Shell XI	Total C	Ship Wgt.	Notes	OEM
1695	\$202	1/2	1625/3	208-230	7.5	3.0	5.0	5.9	5.3	11.4	17		
1696	\$263	3/4	1625/3	115	15.0	8.6	5.0	6.1	5.6	11.7	20		
1697	\$235	3/4	1625/3	208-230	10.0	4.0	5.0	6.1	5.6	11.7	18	6	
★ 8904	\$124	3/4	1075/3	115	15.0	9.1	4.0	6.0	5.4	10.4	19	3	
★ 8905	\$125	3/4	1075/3	208-230	10.0	4.6	4.0	6.0	5.4	10.4	19	3	
8066	\$225	3/4	1075/3	208-230	10.0	4.5	2.5	4.6	5.1	8.7	18	LA	LE
3340	\$214	3/4	1075/4	115	7.5	12.1	6.0	4.8	5.3	12.4	18		CA
6452	\$172	3/4	1075/4	115	15.0	11.2	5.0	-	5.8	10.8	18	3, 7	
★ 8906	\$232	1	1075/3	115	20.0	12.1	5.0	6.6	6.1	12.2	20	2	
★ 8907	\$235	1	1075/3	208-230	20.0	5.2	5.0	6.6	6.1	12.2	21	2	
1699	\$205	1	1625/3	115	25.0	11.1	6.0	6.4	5.9	12.9	21	4	
1700	\$217	1	1625/3	208-230	20.0	5.1	6.0	5.9	5.4	12.4	21	4, LA	

Note 2 Class B Insulation, Studs Shaft Side Only, Ball Bearings
 Note 3 No Stud Extension
 Note 4 36" Leads, 2.25" Dia. Hubs With 2.5" Dia. Kit Included.
 Note 5 Shaft-End Studs Only

Note 6 Class A Insulation
 Note 7 Band Mount
 Note LA Limited Availability
 ★ — Suggested Distributor Stock Item

Permanent Split Capacitor Direct Drive Fan & Blower

5.6" Diameter, Open, Air Over, High Efficiency

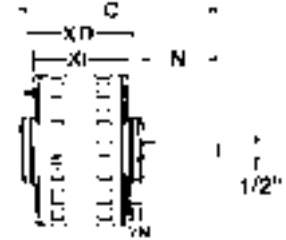


APPLICATIONS:

Designed to meet manufacturer's requirements for use on direct drive fans & blowers.

FEATURES:

- Reversible Unless Noted
- Class B Insulation
- Sleeve Bearings Have All Angle Thrust System
- Continuous Duty, Air Over
- Designed For Use With 370V Capacitors
- 36" Line Leads Unless Otherwise Noted
- High Efficiency Economizer® Motors
- Automatic Reset Thermal Overload Protector
- Connection And Capacitor Information Furnished In The Nameplate Data
- When Furnished, The Capacitor And Its Mounting Hardware Is Supplied Detached
- 2.5" Dia. Hub Rings Included – See Notes



Stud or Hub Ring Mount (2.5"), Single Speed

Catalog Number	List Price	HP	RPM/ Spds.	Volts	Bearings	Cap MFD	Amps	Shaft N	Base XD	Shell XI	Total C	Stud YM	Ship Wgt.	Notes	OEM
★ 6873	\$208	1/3	825	208-230	Ball	5.0	3.0	4.5	6.4	5.8	11.4	N/A	17	1	

Stud or Hub Ring Mount (2.5"), Two Speed

Catalog Number	List Price	HP	RPM/ Spds.	Volts	Bearings	Cap MFD	Amps	Shaft N	Base XD	Shell XI	Total C	Stud YM	Ship Wgt.	Notes	OEM
5469	\$170	1/3	825/2	208-230	Slv	10.0	2.8	2.2	-	4.6	6.7	-	17	7, 9, LA	RH
3183	\$274	1/2	825/2	208-230	Slv	10.0	3.9	4.0	6.2	5.6	10.7	0.8	23	2, 3, LA	
8944	\$321	1/4	1625/2	460	Ball	5.0	0.8	6.0	N/A	4.6	10.6	0.8	13		
8945	\$368	1/3	1075/2	460	Ball	5.0	1.3	6.0	5.3	4.8	11.9	0.8	14	3	
8947	\$393	3/4	1075/2	460	Ball	20.0	2.1	6.0	6.1	5.6	12.7	0.8	21	3	

Stud or Hub Ring Mount (2.5"), Three Speed

Catalog Number	List Price	HP	RPM/ Spds.	Volts	Bearings	Cap MFD	Amps	Shaft N	Base XD	Shell XI	Total C	Stud YM	Ship Wgt.	Notes	OEM
8056	\$314	3/4	1075/3	460	Slv	20.0	2.3	2.5	5.8	5.3	8.4		19	7	LE
2553	\$220	1	1100/3	460	Slv	25.0	3.3	3.5	-	6.8	10.3	N/A	20	5, 7	YK

Four Speed

Catalog Number	List Price	HP	RPM/ Spds.	Volts	Bearings	Cap MFD	Amps	Shaft N	Base XD	Shell XI	Total C	Stud YM	Ship Wgt.	Notes	OEM
★ 5825	\$109	1/6	1075/4	115	Slv	4.0	2.2	6.0	4.6	4.1	11.1	1.5	11	6	
5826	\$110	1/6	1075/4	208-230	Slv	5.0	1.1	6.0	4.6	4.1	11.1	1.5	11	6	
5830	\$110	1/4	1075/4	115	Slv	5.0	3.8	6.0	4.9	4.4	11.4	1.5	12	6	
5831	\$113	1/4	1075/4	208-230	Slv	5.0	1.8	6.0	4.9	4.4	11.4	1.5	12	6	
★ 5835	\$124	1/3	1075/4	115	Slv	7.5	4.6	6.0	5.4	4.9	11.9	1.5	13	6	
5836	\$125	1/3	1075/4	208-230	Slv	6.0	2.3	6.0	5.2	4.7	11.7	1.5	13	6	
★ 5840	\$133	1/2	1075/4	115	Slv	7.5	7.1	6.0	5.8	5.3	12.4	1.5	19	6	
★ 5841	\$143	1/2	1075/4	208-230	Slv	7.5	3.3	6.0	5.6	5.1	12.2	1.5	19	6	
1125	\$225	3/4	900/4	115	Slv	10.0	11.9	4.0	-	6.6	10.6	-	20	5, 7	IC
★ 5845	\$177	3/4	1075/4	115	Slv	15.0	10.6	6.0	6.2	5.7	12.7	1.5	20	6	
3275	\$163	3/4	1075/4	115	Ball	40.0	10.0	2.5	5.9	5.4	8.9	-	17	8	LE
5463	\$118	3/4	1075/4	115	Ball	15.0	10.6	5.0	-	5.8	10.8	-	20	7, 9	RH
★ 5846	\$186	3/4	1075/4	208-230	Slv	10.0	5.1	6.0	6.2	5.7	12.7	1.5	20	6	
★ 4670	\$216	1	1100/4	208/230	Slv	20.0	6.0	5.0	-	6.3	11.3	-	20	5, 7, 10	IC

Note 1 50" Line Leads

Note 2 5/8" Shaft Adapter, 24" Leads

Note 3 Includes Capacitor Unmounted

Note 4 CCWLE, Non-Reversible, Hubless, 21" Leads

Note 5 Band Mount

Note 6 2.25" Dia. Hub Rings With Kit For 2.5" Included

Note 7 Not Economizer®

Note 8 2.5" Hub Rings

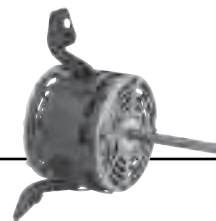
Note 9 Includes 4 Holes In Shell For Rheem Mount

Note 10 Non-Reversible

Note LA Limited Availability

★ — Suggested Distributor Stock Item

Permanent Split Capacitor & Shaded Pole Flex Mount Direct Drive Fan & Blower 5.0" & 5.6" Diameter, Open, Air Over

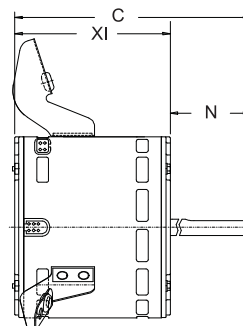


APPLICATIONS:

Designed to meet manufacturer's requirements for use on direct drive fan & blowers with flexible ear mounts.

FEATURES:

- Class B Insulation Unless Noted
- 5.0" Diameter Motors CWLE Rotation
- 5.6" Diameter Motors Reversible Rotation
- Sleeve Bearings, All Angle Thrust System
- Continuous Duty, Air Over
- 24" Leads
- Automatic Reset Thermal Overload Protector
- PSC Motors Designed For 370V Capacitors



Shaded Pole 5.0" Diameter

Catalog Number	List Price	HP	RPM/Spd.	Volts	Amps	Shaft N	Shell XI	Total C	Ship Wgt.	Cap Mfd.	Notes	OEM
2829	\$181	1/10	1050/3	115	3.5	5.0	4.1	9.1	8	N/A	2, LA	
2830	\$197	1/6	1050/3	115	5.2	5.0	4.1	9.1	8	N/A	LA	
2867	\$94	1/5	1050/1	115	6.5	3.8	4.6	8.3	10	N/A	1	MI
2831	\$290	1/4	1050/3	115	8.4	5.0	4.8	9.8	11	N/A	LA	

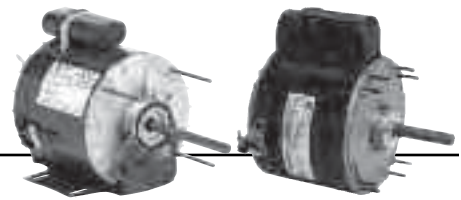
Permanent Split Capacitor 5.6" Diameter

Catalog Number	List Price	HP	RPM/Spd.	Volts	Amps	Shaft N	Shell XI	Total C	Ship Wgt.	Cap Mfd.	Notes	OEM
3783	\$160	1/4	1075/3	115	3.8	5.0	4.3	9.3	11	5.0		
3784	\$170	1/4	1075/3	208-230	1.7	5.0	4.3	9.3	10	5.0		
8052	\$149	1/3	825/3	230	1.9	2.5	4.8	7.3	14	15.0		LE
9377	\$173	1/3	1000/4	115	6.0	5.3	4.6	9.8	13	5.0		
3785	\$167	1/3	1075/3	115	5.0	5.0	4.6	9.6	13	7.5		
3786	\$180	1/3	1075/3	208-230	2.4	5.0	4.3	9.3	12	5.0		
3787	\$191	1/2	1075/3	115	7.5	5.0	5.6	10.7	18	10.0		
3788	\$202	1/2	1075/3	208-230	3.3	5.0	5.3	10.3	17	7.5		

Note 1 Flex Mount is Removable
Note 2 Class A Insulation

Note LA Limited Availability

Shaded Pole & Permanent Split Capacitor Unit Heater Fan 5.0", 5.6" & 6.3" Diameter, Totally Enclosed, Air Over



APPLICATIONS:

Designed to meet manufacturer's requirements for use on unit heaters.

FEATURES:

- Continuous Duty, Air Over
- Reversible Motors Are Easily Reversed With Quick Connects
- 2 1/2" Diameter Hub Rings When Furnished
- Automatic Reset Thermal Overload Protector
- Green Ground Lead
- 48 Frame Has 8-32 NF-2A Thread, 56 Frame Has 10-32 NF-2A Thread
- 370V Capacitor Is Furnished
- Leads Are SJO Cord
- Extended Mounting Studs

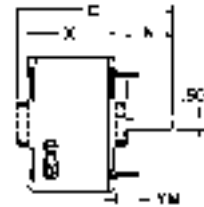


Figure A

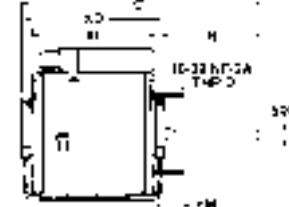


Figure B

Stud Mount, Single Speed (Fig. A)

Catalog Number	List Price	HP	RPM/Spd.	Volts	Diameter (In.)	Cap. MFD	Amps	Shaft N	Base XD	Shell XI	Total C	Stud YM	Ship Wgt.	Notes
3791	\$358	1/15	1050	115/230/277	5.0	5.0	1.1/0.6/0.5	4.3	--	3.3	8.1	0.8	10	1, 3, LA
3790	\$336	1/10	1550	480	5.0	3.0	.35	4.3	--	4.3	8.7	0.8	10	3, LA
★ 9034	\$160	1/6	1075	115	5.6	4.0	2.6	2.5	4.9	4.3	7.9	0.8	12	
8976	\$135	1/6	1075	115	5.6	4.0	2.4	5.0	5.4	4.9	10.9	0.8	12	2, 4, LA
★ 9035	\$174	1/4	1075	115	5.6	5.0	3.6	2.5	5.8	5.1	8.7	0.8	15	
8977	\$187	1/4	1075	115	5.6	5.0	3.6	5.0	5.4	4.9	10.9	0.8	12	2, 4, LA
★ 9036	\$177	1/3	1075	115	5.6	4.0	5.1	2.5	5.8	5.1	8.7	0.8	15	
8979	\$178	1/3	1075	115	5.6	4.0	5.1	5.0	5.4	4.9	10.9	0.8	15	2, 4, LA

Stud Mount, Two Speed

Catalog Number	List Price	HP	RPM/Spd.	Volts	Diameter (In.)	Cap. MFD	Amps	Shaft N	Base XD	Shell XI	Total C	Stud YM	Ship Wgt.	Notes
4856	\$202	1/6	1075/2	115	5.6	4.0	2.4	5.0	4.6	4.3	10.4	2.5	12	2
1052	\$192	1/3	1075/2	115	5.6	4.0	4.6	5.0	5.4	4.9	10.9	2.5	14	2
4855	\$222	1/3	1075/2	230	5.6	4.0	2.4	5.0	5.5	4.8	10.9	2.5	14	2, LA

Resilient Base (Fig. B)

Catalog Number	List Price	HP	RPM/Spd.	Volts	Diameter (In.)	Cap. MFD	Amps	Shaft N	Base XD	Shell XI	Total C	Stud YM	Ship Wgt.	Notes
1343	\$100	1/15	1050	115	5.0	--	2.6	2.7	4.4	4.0	7.6	--	10	5, 6, LA
1044	\$144	1/8	1075	115	5.0	4.0	2.3	2.4	4.9	4.4	7.8	0.6	12	LA
1045	\$161	1/6	1075	115	5.6	5.0	2.3	2.7	5.2	4.7	8.4	--	11	LA
1046	\$178	1/3	1075	115	5.6	10.0	4.2	2.7	5.5	5.0	8.7	--	18	LA
1048	\$189	1/3	1075	230	5.6	10.0	1.8	2.8	5.9	4.9	8.7	--	17	1
1810	\$315	1/2	1075/2	230	6.3	10.0	2.5	4.9	7.5	6.3	12.8	2.5	26	
1809	\$326	3/4	1075	115/230	6.3	3.0	9.2/4.6	1.9	9.2	8.9	11.3	--	32	5, LA
1811	\$319	3/4	1075/2	230	6.3	12.5	3.7	4.9	8.5	7.3	13.8	2.5	34	

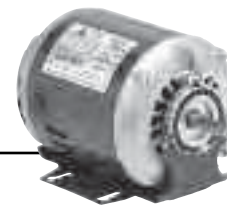
- Note 1 Capacitor mounted OSE, 3/8" shaft
 Note 2 Capacitor shipped detached
 Note 3 CWLE Rotation
 Note 4 BX Connector

- Note 5 CCWLE Rotation
 Note 6 Shaded Pole

★ — Suggested Distributor Stock Item

Split Phase Belted Fan & Blower

Open Drip-proof (unless noted)

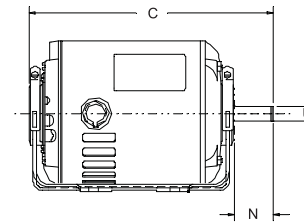


APPLICATIONS:

Designed to meet manufacturer's requirements for belted fans and blowers.

FEATURES:

- Resilient Base
- Class B Insulation Unless Otherwise Noted
- With Threaded Conduit Hole
- Reversible Rotation
- Automatic Reset Thermal Overload Protector



Single Speed, NEMA 48 Frame

Catalog Number	List Price	HP	RPM	Volts	Bearings	NEMA Frame	Amps	Shaft Length (N)	Shaft Dia. (U)	Protector	Total Length (C)	SF	Ship Wgt.	Notes
8438	\$235	1/3	1725	115/208-230	Ball	48	6.8/3.1-3.4	2.0	.625	Auto	10.2	1.35	17	
★ 8000	\$90	1/4	1725	115	Slv	48	5.3	1.5	.500	Auto	8.9	1.35	13	1, 3
840CV	\$97	1/4	1725	115	Slv	48	4.8	1.6	.500	Auto	9.4	1.35	16	4, 6
2889	\$196	1/4	1725	115	Ball	48	4.4	1.5	.500	Auto	9.9	1.35	21	7, 2
8505	\$150	1/4	1725	115	Ball	48	5.0	1.5	.500	Auto	10.7	1.00	17	9
★ 3617	\$139	1/4	1725	115/208-230	Ball	48	5.2/2.5-2.6	1.5	.500	Auto	9.4	1.35	17	
★ 8100	\$98	1/3	1725	115	Slv	48	6.7	1.5	.500	Auto	9.4	1.35	15	1, 3
841CV	\$105	1/3	1725	115	Slv	48	5.6	1.6	.500	Auto	9.9	1.35	18	4, 6
2888	\$210	1/3	1725	115	Ball	48	5.4	1.5	.500	Auto	9.9	1.35	18	7, 2
★ 3623	\$139	1/3	1725	115/208-230	Ball	48	6.6/3.1-3.3	1.9	.500	Auto	10.3	1.35	19	
★ 8200	\$123	1/2	1725	115	Slv	48	8.7	1.5	.500	Auto	10.0	1.25	18	1, 3
1542C	\$131	1/2	1725	115	Slv	48	7.8	1.6	.500	Auto	9.9	1.25	21	4
2887	\$238	1/2	1725	115	Ball	48	7.8	1.5	.500	Auto	9.9	1.25	21	7, 2
3626	\$171	1/2	1725	115/208-230	Ball	48	8.6/4.2-4.3	1.9	.500	Auto	10.3	1.25	20	
3627	\$171	1/2	1725	115/208-230	Ball	48	8.6/4.2-4.3	1.9	.500	Auto	10.3	1.25	20	10
2695	\$252	1/2	1725	115/230	Slv	48	7.8/3.9	1.5	.500	Auto	10.4	1.25	20	

Two Speed, NEMA 48 Frame

Catalog Number	List Price	HP	RPM	Volts	Bearings	NEMA Frame	Amps	Shaft Length	Shaft Dia.	Protector	Total Length	SF	Ship Wgt.	Notes
1786	\$303	1/3	1725/1140	115	Slv	48	5.8	1.5	.500	Auto	10.4	1.35	22	2
1789	\$315	1/3	1725/1140	230	Slv	48	2.9	1.6	.500	Auto	10.4	1.35	22	2

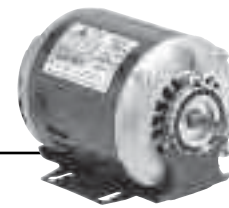
- Note 1 With Shaft Adapter For 5/8" Shaft.
 Note 2 Class A Insulation.
 Note 3 Combination Mounting Holes For NEMA 48 & 56 Frame Dimensions
 Note 4 Canadian Standard — Connected CCWLE (Reversible)
 Note 5 Canadian Standard — May Be Used With Single Pole Single Throw Switch, Not Stocked For US Distribution
 Note 6 Open, Ventilated

- Note 7 Enclosed Shell, Ventilation Through End Shields By Internal Fan.
 Note 8 Totally Enclosed, Air Over
 Note 9 Totally Enclosed Fan Cooled
 Note 10 Keyed Shaft
 Note LA Limited Availability

★ — Suggested Distributor Stock Item

Split Phase Belted Fan & Blower

Open Drip-proof (unless noted)



APPLICATIONS:

Designed to meet manufacturer's requirements for belted fans and blowers.

Single Speed, NEMA 56 Frame

Catalog Number	List Price	HP	RPM	Volts	Bearings	NEMA Frame	Amps	Shaft Length (N)	Shaft Dia. (U)	Protector	Total Length (C)	SF	Ship Wgt.	Notes
4253	\$218	1/3	1725	115	Slv	56Z	5.8	1.5	.500	Auto	8.9	1.35	18	1, 2
2766	\$268	1/3	1725	115	Slv	56	5.7	1.9	.625	Auto	10.3	1.35	19	2
4114	\$287	1/2	1725	115/230	Slv	56	8.0/4.0	1.9	.625	Auto	9.8	1.25	22	
3958	\$315	3/4	1725	115	Slv	56	11.2	1.9	.625	Auto	9.8	1.25	25	LA
★ 4115	\$302	3/4	1725	115/230	Slv	56	11.2/5.6	1.9	.625	Auto	9.8	1.25	24	

Two Speed, NEMA 56 Frame

Catalog Number	List Price	HP	RPM	Volts	Bearings	NEMA Frame	Amps	Shaft Length (N)	Shaft Dia. (U)	Protector	Total Length (C)	SF	Ship Wgt.	Notes
5792C	\$225	1/4	1725/1140	115	Slv	56Z	5.1	1.5	.500	Auto	9.9	1.00	18	5
5793C	\$241	1/3	1725/1140	115	Slv	56Z	6.4	1.5	.500	Auto	10.4	1.00	19	5
6470	\$228	1/3	1725/1140	115	Ball	56Z	6.9	1.6	.500	Auto	8.9	1.00	20	
5794C	\$312	1/2	1725/1140	115	Slv	56Z	8.7	1.5	.500	Auto	10.4	1.00	25	5
4293	\$321	1/2	1725/1140	115	Slv	56	9.2	1.9	.625	Auto	10.8	1.25	26	2
4293H	\$317	1/2	1725/1140	230	Slv	56	4.6	1.9	.625	Auto	10.8	1.25	26	2
1832	\$375	3/4	1725/1140	115	Slv	56	11.4	1.9	.625	Auto	11.3	1.00	23	
5795C	\$376	3/4	1725/1140	115	Slv	56	11.5	1.9	.625	Auto	11.3	1.00	23	5

Note 1 With Shaft Adapter For 5/8" Shaft.

Note 2 Class A Insulation.

Note 3 Combination Mounting Holes For NEMA 48 & 56 Frame Dimensions

Note 4 Canadian Standard — Connected CCWLE (Reversible)

Note 5 Canadian Standard — May Be Used With Single Pole Single Throw Switch, Not Stocked For US Distribution

Note 6 Open, Ventilated

Note 7 Enclosed Shell, Ventilation Through End Shields By Internal Fan.

Note 8 Totally Enclosed, Air Over

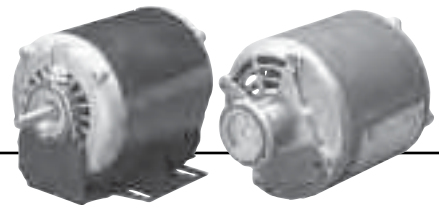
Note 9 Totally Enclosed Fan Cooled

Note 10 Keyed Shaft

Note LA Limited Availability

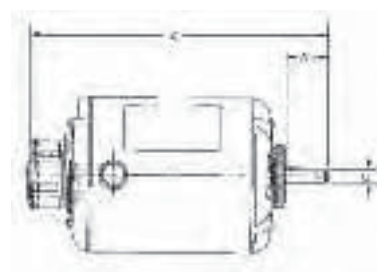
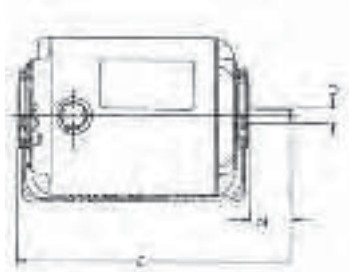
★ — Suggested Distributor Stock Item

Split Phase Belted Fan & Blower Open Drip-proof



APPLICATIONS:

Designed to meet manufacturer's requirements for belted fans and blowers.



FEATURES:

EZ-Fit®

- Extra Long Hub With Sliding Hub Ring At Terminal End
- Adjusts To Most Base Lengths
- Includes Shaft Adapter For Conversion To 5/8" Shaft
- Additional Expanding Metal Outer Rings Allow Fit To Either 2-1/4" Or 2-1/2" Dia. Mounting
- Reversible Rotation

Dual Base

- 48 Frame Diameter Motor Supplied With Both 56 And 48 Frame Bases
- Includes Shaft Adapter For Conversion To 5/8" Shaft
- Reversible Rotation

48/56 Frame

- 48 Frame Diameter Motor On NEMA 56 Base
- Includes Shaft Adapter For Conversion To 5/8" Shaft
- 3 1/2" Shaft Height
- Reversible Rotation

Single Speed, EZ-Fit®, Base Not Included

Catalog Number	List Price	HP	RPM	Volts	Bearings	NEMA Frame	Amps	Shaft Length (N)	Shaft Dia. (U)	Protector	Total Length (C)	SF	Ship Wgt.	Notes
3863	\$118	1/4	1725	115	Slv	48Y	5.0	1.6	0.5	Auto	9.5	1.35	12	1
3864	\$124	1/3	1725	115	Slv	48Y	5.3	1.6	0.5	Auto	10.0	1.35	15	1
3865	\$148	1/2	1725	115	Slv	48Y	7.8	1.6	0.5	Auto	11.0	1.25	18	2

Single Speed, Dual Base

Catalog Number	List Price	HP	RPM	Volts	Bearings	NEMA Frame	Amps	Shaft Length (N)	Shaft Dia. (U)	Protector	Total Length (C)	SF	Ship Wgt.	Notes
3022	\$248	1/2	1725	115/230	Slv	56Z	7.8/3.9	1.6	0.5	Auto	10.4	1.25	22	2, LA

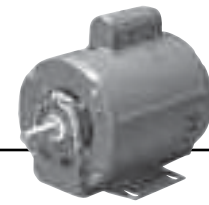
Single Speed, 48/56 Frame

Catalog Number	List Price	HP	RPM	Volts	Bearings	NEMA Frame	Amps	Shaft Length (N)	Shaft Dia. (U)	Protector	Total Length (C)	SF	Ship Wgt.	Notes
1194	\$175	1/4	1725	115	Slv	56Z	4.4	1.6	0.5	Auto	9.4	1.35	16	1, LA
3617	\$139	1/4	1725	115/208-230	Ball	48	5.2/2.5-2.6	1/5	0.5	Auto	9.4	1.35	16	1
1193	\$188	1/3	1725	115	Slv	56Z	5.4	1.6	0.5	Auto	9.9	1.35	18	1, LA
3622	\$135	1/3	1725	115/208-230	Ball	48	6.6/3.1-3.3	1.5	0.5	Auto	9.9	1.35	18	1
3625	\$157	1/2	1725	115/208-230	Ball	48	8.6/4.2-4.3	1.5	0.5	Auto	9.9	1.25	20	1

Note 1 Class B Insulation.
Note 2 Class A Insulation.

Note LA Limited Availability

Capacitor Start Belted Fan & Blower Open Drip-proof

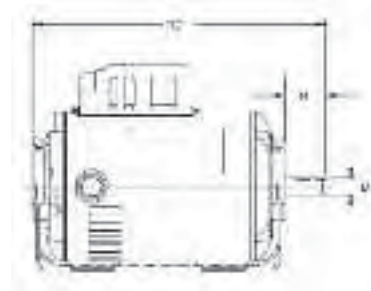


APPLICATIONS:

Designed to meet manufacturer's requirements for belted fans and blowers.

FEATURES:

- 40°C Ambient
- Class A Insulation
- Reversible Rotation
- Suitable For All Angle Operation (Within Blower Housing)
- Automatic Reset Thermal Overload Protector (unless noted)
- Threaded Conduit Hole, Except 299



Resilient Base

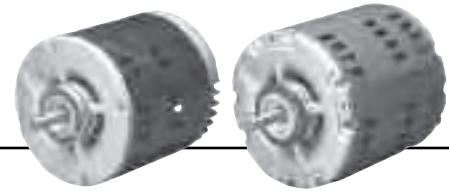
Catalog Number	List Price	HP	RPM	Volts	Bearings	NEMA Frame	Amps	Shaft Length (N)	Shaft Dia. (U)	Protector	Total Length (C)	SF	Ship Wgt.	Notes
180	\$196	1/3	1725	115/208-230	Slv	48	6.0/3.0	1.5	.500	Auto	9.9	1.35	20	
298	\$233	1/2	3450	115/208-230	Slv	48	8.6/4.3	1.5	.500	Auto	9.9	1.25	16	
1790	\$247	1/2	1725	115/208-230	Slv	56	7.4/3.7	1.9	.625	Auto	9.3	1.25	22	
430	\$246	3/4	3450	115/208-230	Slv	48	9.2/4.6	1.5	.500	Auto	10.4	1.25	22	
1893	\$303	3/4	1725	115/208-230	Slv	56	11.4/5.7	1.9	.625	Auto	10.8	1.25	27	
431	\$268	1	3450	115/208-230	Slv	48Z	11.6/5.8	1.9	.625	Auto	11.3	1.25	22	
3187C	\$325	1	1725	115/230	Slv	56	14.0/7.0	1.9	.625	Auto	11.8	1.25	29	1
1769	\$371	1	1725	115/208-230	Slv	56	14.0/7.0	1.9	.625	Auto	11.8	1.25	30	
299	\$362	1-1/2	3450	115/230	Ball	56	17.0/8.5	1.9	.625	Auto	11.9	1.15	32	
4242	\$401	1-1/2	1725	115/208-230	Ball	56	22.4/11.2	1.9	.625	Auto	12.8	1.15	35	
399	\$376	2	3450	115/208-230	Ball	56	18.4/10.1-9.2	1.9	.625	Auto	12.8	1.15	37	2, LA

Note 1 Canadian Standard — Connected CCWLE (Reversible)

Note 2 Capacitor Start, Capacitor Run

Split Phase Evaporative Cooler

6.3" Diameter, Open Drip-proof



APPLICATIONS:

Designed to meet manufacturer's requirements for evaporative cooling units.

FEATURES:

- Re-Oilable Bearings
- Class B Insulation
- CW Rotation Shaft End
- Zinc-Phosphate Stator Studs And Nuts
- Corrosion Resistant Rotor Core And Actuator Assembly
- Industry Standard Hub To Hub Dimension
- Automatic Reset Thermal Overload Protector



NOTE: Base Kit #51 and Mounting
Clamp Kit #52 available. See pg. 86-87.

Single Speed

Catalog Number	List Price	HP	RPM	Volts	Bearings	NEMA Frame	Amps	Shaft Length (N)	Shaft Dia. (U)	Protector	Total Length (C)	SF	Ship Wgt.	Notes
7094	\$136	1/3	1725	115	Slv	56Z	6.0	1.6	.500	Auto	9.4	1	15	1
6764	\$128	1/3	1725	115	Slv	56Z	6.6	1.6	.500	Auto	9.4	1	14	
7095	\$140	1/2	1725	115	Slv	56Z	7.9	1.6	.500	Auto	9.4	1	17	1
6768	\$121	1/2	1725	115	Slv	56Z	8.2	1.6	.500	Auto	9.4	1	15	
6766	\$156	1/2	1725	230	Slv	56Z	4.8	1.6	.500	Auto	9.4	1	19	
7096	\$157	3/4	1725	115	Slv	56Z	11.0	1.6	.500	Auto	9.4	1	19	1
6769	\$144	3/4	1725	115	Slv	56Z	10.5	1.6	.500	Auto	9.4	1	18	
6771	\$188	3/4	1725	230	Slv	56Z	5.4	1.6	.500	Auto	9.4	1	20	
5149	\$286	1	1725	115/230	Ball	56	15.1/7.5	1.9	.625	Auto	11.8	1	27	1, 2, 3, 4
7072	\$306	1-1/2	1725	115/230	Ball	56Z	14.5/6.3	2.3	.875	Auto	13.6	1	34	1, 2, 3, 4, LA
7073	\$315	2	1725	115/230	Ball	56Z	19.0/8.5	2.3	.875	Auto	13.6	1	36	1, 2, 3, 4, LA

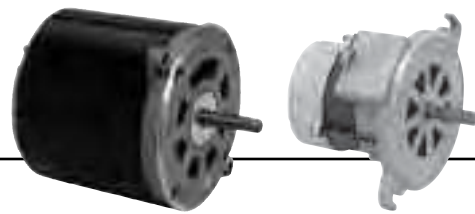
Two Speed

Catalog Number	List Price	HP	RPM	Volts	Bearings	NEMA Frame	Amps	Shaft Length (N)	Shaft Dia. (U)	Protector	Total Length (C)	SF	Ship Wgt.	Notes
7097	\$150	1/3	1725/1140	115	Slv	56Z	6.4	1.6	.500	Auto	9.4	1	17	1
6767	\$125	1/3	1725/1140	115	Slv	56Z	6.4	1.6	.500	Auto	9.4	1	17	
7098	\$156	1/2	1725/1140	115	Slv	56Z	8.2	1.6	.500	Auto	9.4	1	19	1
6765	\$130	1/2	1725/1140	115	Slv	56Z	8.2	1.6	.500	Auto	9.4	1	16	
6795	\$163	1/2	1725/1140	230	Slv	56Z	4.5	1.6	.500	Auto	9.4	1	19	
7099	\$180	3/4	1725/1140	115	Slv	56Z	10.9	1.6	.500	Auto	9.4	1	19	1
6770	\$180	3/4	1725/1140	115	Slv	56Z	10.9	1.6	.500	Auto	9.4	1	19	
7068	\$218	3/4	1725/1140	115	Slv	56	11.4	1.9	.625	Auto	10.3	1	25	1, 3, 4, LA
6796	\$209	3/4	1725/1140	230	Slv	56Z	5.5	1.6	.500	Auto	9.4	1	19	
2574	\$281	1	1725/1140	115	Slv	56	13.6	1.9	.625	Auto	11.8	1	35	1, 2, 3, 4
2423	\$280	1	1725/1140	230	Slv	56	7.2	1.9	.625	Auto	11.8	1	34	1, 2, 3, 4

Note 1 All copper wound.
Note 2 Capacitor start.

Note 3 Reversible rotation by easy reconnection.
Note 4 Includes resilient base.

Split Phase and Capacitor Start Oil Burner Totally Enclosed When Mounted

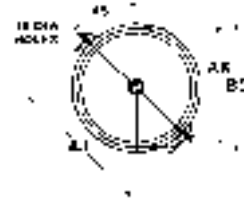


APPLICATIONS:

Designed to meet manufacturer's requirements for oil burners.

FEATURES:

- 40°C Ambient
- 20" Leads, Located At 3 O'clock Viewed From End Opposite Shaft
- 1.0 Service Factor
- Reversible Rotation, Except As Noted
- Manual Reset Thermal Overload Protector
- 56N Frame Has 2 Holes And Screws For Mounting Outlet Box
- Class A Insulation
- 56N Flange Is Enclosed, 48M And 48N Flange Are Ventilated
- Sleeve Bearings Have All Angle Thrust System



NEMA Frame	Bolt Circle AJ	Flange Dia. AK	Outside Dia. BD
48M	6.75"	5.500"	6.25" max
48N, 56N	7.25"	6.275"	7.00" max

OEM Direct Replacements: Beckett, Carlin, Ducane, Wayne Home

Catalog Number	List Price	HP	RPM	Volts	Bearings	NEMA Frame	Amps	Shaft Length (N)	Shaft Dia. (U)	Protector	Total Length (C)	Ship Wgt.	Notes
3274	\$93	1/7	3450	115	Ball	48M	1.7	2.0	.500	Auto	6.7	10	1, 6, 7
5866	\$87	1/7	3450	115	Slv	48M	2.3	2.0	.500	Man	7.2	11	1
2808	\$149	1/5	3450	115	Slv	48M	3.2	2.0	.500	Man	7.8	15	1, LA

OEM Direct Replacements: Lennox Furnace

Catalog Number	List Price	HP	RPM	Volts	Bearings	NEMA Frame	Amps	Shaft Length (N)	Shaft Dia. (U)	Protector	Total Length (C)	Ship Wgt.	Notes
3251	\$149	1/6	1725	115	Slv	56N	3.4	2.0	.500	Man	7.9	14	2, LA

Flange Mounted, Totally Enclosed, Non-Ventilated When Mounted, Without Base

Catalog Number	List Price	HP	RPM	Volts	Bearings	NEMA Frame	Amps	Shaft Length (N)	Shaft Dia. (U)	Protector	Total Length	Ship Wgt.	Notes
1981	\$97	1/8	3450	115	Slv	48M	2.4	2.0	.500	Man	7.1	12	LA
2097	\$97	1/8	3450	115	Slv	48N	2.4	2.0	.500	Man	7.1	11	
3196	\$109	1/8	1725	115	Slv	48N	2.4	2.0	.500	Man	7.6	14	3
3083	\$92	1/7	3450	115	Slv	48M	2.4	2.0	.500	Man	7.3	11	
3253	\$117	1/6	3450	115	Slv	48M	2.8	2.0	.500	Man	7.4	14	LA
3252	\$113	1/6	1725	115	Slv	48N	3.1	2.0	.500	Man	7.6	15	
2302	\$126	1/4	3450	115	Slv	48N	3.7	2.0	.500	Man	8.3	15	
2319	\$148	1/3	3450	115	Slv	48N	4.8	2.0	.500	Man	10.5	18	5
3580	\$256	1/3	1725	115	Slv	56N	5.0	2.3	.500	Man	10.5	25	4

OEM Direct Replacements: Beckett, Carlin, Ducane, Wayne Home

Catalog Number	List Price	HP	RPM	Volts	Bearings	NEMA Frame	Amps	Shaft Length	Shaft Dia.	Protector	Total Length	Ship Wgt.	Notes
3268	\$153	1/3	3450	115/230	Slv	48N	4.8/2.4	2.0	.500	Man	9.2	16	LA
3269	\$164	1/3	3450	115/208-230	Ball	56C	6.4/3.2	2.0	.625	Man	10.4	16	LA
3267	\$161	1/2	3450	115/230	Slv	48N	7.6/3.8	2.0	.500	Man	9.7	20	LA
3272	\$172	1/2	3450	115/208-230	Ball	56C	8.0/4.0	2.0	.625	Man	10.4	18	LA
3270	\$170	3/4	3450	115/208-230	Ball	56C	10.5/5.25	2.0	.625	Man	11.0	21	LA

- | | | | |
|--------|--|---------|-------------------------------|
| Note 1 | Non-Reversible | Note 5 | Class B Insulation System |
| Note 2 | Similar To 3250, Except 4 Holes In Frame Band For Mounting Transformer Box | Note 6 | PSC Motor, Capacitor Included |
| Note 3 | Removable Face Plate | Note 7 | 3.7" Body |
| Note 4 | 5/8" Shaft Adapter And Key Packed With Motor. | Note LA | Limited Availability |

Shaded Pole & Permanent Split Capacitor Ventilation Direct Drive Blower 5.0", 5.6" & 6.3 Diameter, Open, Air Over

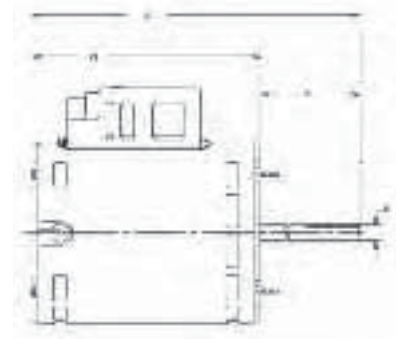


APPLICATIONS:

Designed to meet manufacturer's requirements for direct drive ventilation units.

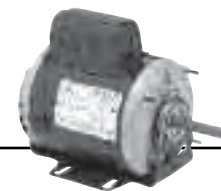
FEATURES:

- Capacitor Included And Mounted On PSC Models
- Automatic Reset Thermal Overload Protector
- Continuous Duty
- Ball Bearings Unless Noted
- 40°C Ambient Rated
- 1.0 Service Factor



Catalog Number	List Price	HP	RPM/ Spd.	Volts	Amps	NEMA Frame	Motor Type	Shaft Length (N)	Shaft Dia. (U)	Rotation Lead End	Body Length (XI)	Total Length (C)	Ship Wgt.	Notes
4742	\$95	1/6	1650	115	2.7	42YZ	PSC	3.25	1/2	CW	5.81	9.06	10	
4745	\$130	1/3	1650	115	4.0	48YZ	PSC	3.25	1/2	CW	6.06	9.31	14	
4749	\$170	1/2	1100	115/230	6.2/3.1	48YZ	PSC	3.30	5/8	CCW	6.60	9.90	20	
4748	\$163	1/2	1650	115/230	8.0/4.0	48YZ	PSC	3.25	5/8	CW	6.31	9.56	18	
4750	\$183	3/4	1100	115/230	10.0/5.0	48YZ	PSC	3.25	5/8	CCW	6.56	9.81	24	

Permanent Split Capacitor Ventilation Direct Drive Blower 5.6" & 6.3" Diameter, Totally Enclosed, Air Over (TEAO)

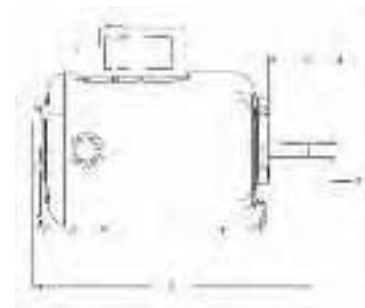


APPLICATIONS:

Design to meet manufacturer's requirements for direct drive ventilation units requiring a totally enclosed motor.

FEATURES:

- Continuous Duty
- 1/2" Dia. x 2 1/2" Shaft
- Reversible Rotation
- Studs For Mounting Fan Guard
- Terminal Board With Side Conduit Plug
- Automatic Thermal Protection
- Includes Capacitor Mounted With Cover



Catalog Number	List Price	HP	RPM/Spd.	Volts	NEMA Frame	Amps	Eff.	SF	Bearings	Insul. Class	Total Length	Ship Wgt.	Notes	OEM
4153	\$175	1/4	1020	115	48Y	4.5	Std	1.0	Slv	B	10.0	8.5		MQ
4812	\$177	1/4	1075/2	115	48Z	3.3	Std	1.0	Slv	A	9.9	18		
4814	\$171	1/4	1075	115	48Z	3.4	High	1.0	Ball	B	9.9	15		
6326	\$192	1/4	1725	115	56Z	5.0	Std	1.0	Ball	A	9.8	18	1	
4815	\$162	1/3	1075	115	48Z	4.6	High	1.0	Slv	A	10.5	18		
8511	\$163	1/3	1725	115	48Z	5.2	Std	1.0	Ball	B	10.2	15	1	
6328	\$235	1/3	1725	115	56Z	5.4	Std	1.0	Ball	A	9.8	21	1	
4816	\$179	1/2	1075	115	48Z	7.0	High	1.0	Slv	B	10.9	2		
6330	\$148	1/2	1725	115	56Z	7.4	Std	1.0	Ball	A	10.3	23	1	
1850	\$230	1/2	1700	115/230	48Z	5.0/2.5	High	1.0	Ball	B	10.9	25		

Note 1 Split Phase

Split Phase Ventilation Direct Drive Blower

5.6 or 6.3 Diameter, Open Drip-proof, Air Over

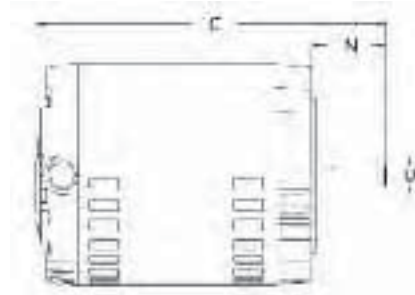


APPLICATIONS:

Design to meet manufacturer's requirements for direct drive ventilation units with a C-Face mount.

FEATURES:

- Continuous Duty
- Reversible Rotation
- Class B Insulation
- Threaded Conduit Hole
- Internal Conduit Box Opposite Shaft End
- Keyway On Shaft
- 6.3" Diameter Unless Noted



Single Speed

Catalog Number	List Price	HP	RPM	Volts	NEMA Frame	SF	Bearings	Amps	Protector	Shaft Dia. (U)	Shaft Length (N)	C Dim.	Ship Wgt.	Notes
1204	\$340	1/12	850	115	56CZ	1.4	Ball	3.2	None	.625	2.3	11.0	24	
1205	\$406	1/8	850	115	56CZ	1.4	Ball	4.6	None	.625	2.3	11.0	24	LA
1206	\$456	1/6	850	115	56CZ	1.35	Ball	4.7	None	.625	2.3	11.2	25	LA
1207	\$572	1/4	850	115	56CZ	1.35	Ball	6.9	Auto	.625	2.3	12.0	30	
1208	\$598	1/3	850	115	56CZ	1.35	Ball	9.0	Auto	.625	2.3	12.7	40	

Two Speed

Catalog Number	List Price	HP	RPM	Volts	NEMA Frame	SF	Bearings	Amps	Protector	Shaft Dia.	Shaft Length	C Dim.	Ship Wgt.	Notes
1236	\$318	1/4-1/12	1725/1140	115	56CZ	1.35	Ball	4.6/2.4	Auto	.625	2.3	10.9	17	1
1237	\$494	1/2-1/6	1725/1140	115	56CZ	1.25	Ball	8.2/4.1	Auto	.625	2.3	11.0	22	

Note 1 5.6" Diameter

Note LA Limited Availability

Single & Three Phase Ventilation Belted Blower 5.6" & 6.3" Diameter, Open Drip-proof



APPLICATIONS:

Design to meet manufacturer's requirements for belt-drive ventilation units.

FEATURES:

- Reversible Rotation
- Continuous Duty
- Ball Bearings Unless Noted
- 40°C Ambient Rated
- F1 Assembly
- Automatic Thermal Protection Unless Noted

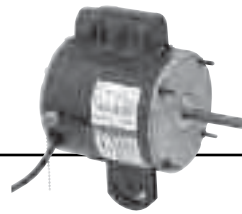
Catalog Number	List Price	HP	Phase	RPM	Volts	Amps	NEMA Frame	Base Type	Shaft Length (N)	Shaft Dia. (U)	SF	Body Length (X)	Total Length (C)	Ship Wgt.	Notes
T14CA2J9	\$176	1/4	1	1725	115/208-230	5.6/2.8	56	Resilient	1.94	5/8	1	9.5	11.44	21	2
T13CA2J9	\$231	1/3	1	1725	115/208-230	7.6/3.8	56	Resilient	1.9	5/8	1	9.5	11.4	23	2
T12CA2P9	\$238	1/2	1	1725	115/230	9.0/4.5	56	Resilient	1.9	5/8	1	9.5	11.5	24	2
T32S2AH	\$309	1-1/2	3	1725	208-220/440	4.9/2.4	56	Rigid	2.1	5/8	1	9.7	11.8	34	2
D2CA2PH	\$508	2	1	1725	115/230	19.4/9.7	56	Rigid	1.9	5/8	1.15	10.5	12.4	41	

Note 1 Sleeve Bearing
 Note 2 TEFC Design
 Note 3 Cap. Start, Cap. Run
 Note 4 No Thermal Protector

Note 5 Hazardous Duty Rated
 Note 6 TEAO Design
 Note 7 Non-reversing, CWSE

PSC, Split Phase & Three Phase Ventilation Circulator Motor

4.8", 5.6" & 6.3" Dia., Totally Enclosed Air Over (TEAO)



APPLICATIONS:

Designed to meet manufacturer's requirements for air circulators where motor is mounted directly to fan column.

FEATURES:

- Continuous Duty
- PSC Models Include Capacitor Mounted With Cover
- Clockwise Drive End Rotation
- Automatic Thermal Protection
- Studs For Mounting Fan Guard
- 1.0 Service Factor Except Where Noted
- Terminal Board With Side Conduit Plug Unless Noted

Catalog Number	List Price	Frame	HP	RPM/Spd.	Volts	Amps	Motor Type	Bearings	Enclosure	Mounting	Shaft Dia.	Ship Wgt.	Notes
1932	\$167	48YZ	1/4	1100/2	115	2.0	PSC	Slv	TEAO	Yoke	1/2"	13	1
1935	\$170	48YZ	1/3	1075/2	115	5.3	PSC	Slv	TEAO	Yoke	1/2"	20	

Oscillating Circulator Replacement Fan Motors

Catalog Number	List Price	Frame	HP	RPM/Spd.	Volts	Amps	Motor Type	Bearings	Enclosure	Mounting	Shaft Dia.	Ship Wgt.	Notes
1849	\$273	48YZ	1/4	1075/2	115	4.4	PSC	Ball	TEAO	Oscillator	1/2"	22	1
1941	\$310	48YZ	1/2	1075/2	115	6.0	PSC	Ball	TEAO	Oscillator	5/8"	31	1

Washdown Replacement Circulator Motors

Catalog Number	List Price	Frame	HP	RPM/Spd.	Volts	Amps	Motor Type	Bearings	Enclosure	Mounting	Shaft Dia.	Ship Wgt.	Notes
WD14AA2PZ7	\$400	56Y	1/4	1700	115/230	3.2/1.6	PSC	Ball	TEAO	Yoke	1/2"	19	2, 3, 4
WD13AA2PZ7	\$371	56Y	1/3	1700	115/230	4.4/2.2	PSC	Ball	TEAO	Yoke	5/8"	27	2, 3, 4

Note 1 Includes Cord & Pull Chain
 Note 2 Conduit Box
 Note 3 1.35 Service Factor

Note 4 Wash Down Motor Enclosure, USDA Approved White Epoxy Paint
 Note LA Limited Availability

Cooling Tower Duty

Designed to operate in 100% humidity conditions and corrosive environments typically found inside cooling towers.

HP – 2 through 100 hp

Phase – Three Phase

Pole Options –

- 4 pole and 6 pole
- 4/8 (2-speed, 1-winding and 2-winding)
- 6/12 (2-speed, 1-winding and 2-winding)

Voltage – 200, 230/460 and 575 Volt
(multi-speed motors are single voltage only)

Efficiency – EPACT & Premium Efficient

Enclosure –

- Totally Enclosed Fan Cooled (TEFC)
- Totally Enclosed Air Over (TEAO)

Construction – Cast Iron Frame
(140 frame: Rolled Steel)

Mounting – Designed for both vertical and horizontal mounting. (W8 Mount available)

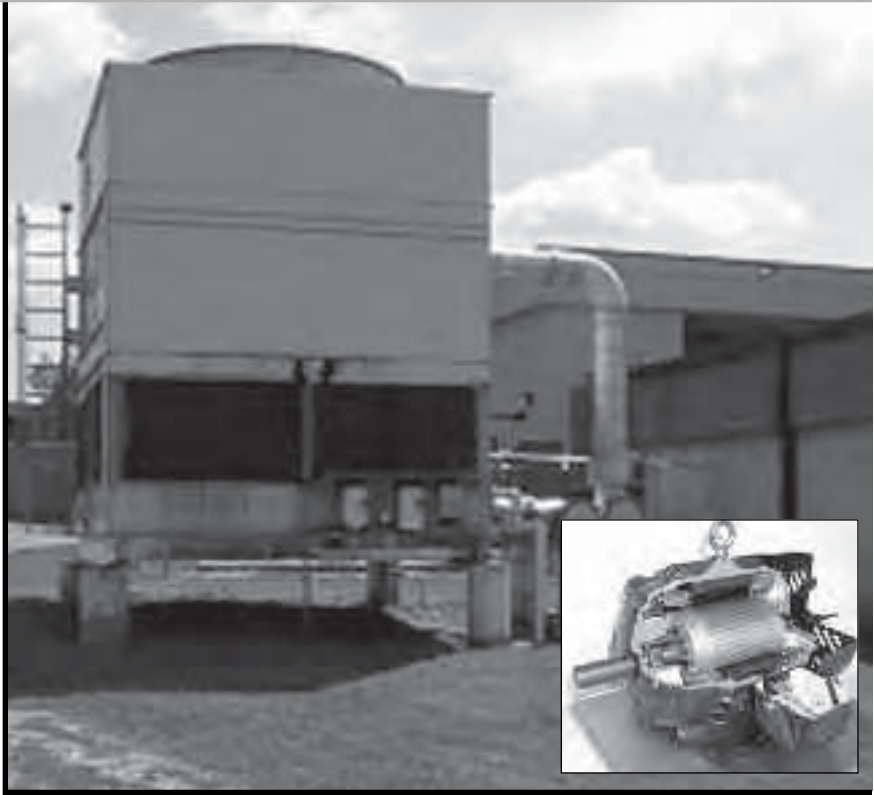
Conduit Box – Standard NEMA Conduit Box

Bearings – Double sealed bearings for minimal field maintenance

Temp Rise – NEMA Class B Rise

Inverter Duty – Premium Efficient Inverter Grade® brand motors are full inverter duty design to meet NEMA MG-1 Part 31 requirements for use with inverters **without cable length restrictions** in the field.

Agency – UL Recognized and CSA Certified



EMERSON. CONSIDER IT SOLVED.™

A manufacturer needed to replace the motor in the plant's cooling tower. In an attempt to cut costs, the manufacturer installed a general purpose, fully enclosed motor. After three failed attempts with similar motors in this high-humidity environment, the manufacturer ultimately called on Emerson for the solution. An Emerson Cooling Tower Duty motor designed to meet manufacturer's requirements for high humidity and corrosive environments keeps their tower up and running.

FEATURES AND BENEFITS

- All single speed Premium Efficient models meet NEMA Premium efficiency levels.
- Versatile multi-position mount design
- Totally Enclosed Fan Cooled motors can be mounted in the air stream horizontally or shaft up
- Operates in 100% humid environments
- Special balance on Premium Efficient models
- Breadth of Inverter Duty & two speed models assist customers in meeting ASHRAE Std. 90.1

When Reliability Counts.

Ready LineSM Customization Options

Ordering Instructions

Need something special? Customization is standard with Ready LineSM Assembly!

With the Ready LineSM process, cooling tower motors are assembled to order from specially engineered component kits. Each motor is assembled, tested, painted, packaged and shipped, using a lean process, giving you access to thousands of custom motor ratings and configurations in less time.

Assembled to order to meet your exact requirement:

- VBXX[®] seal inserted at 'wet' end for vertical mounts to provide maximum protection
- The correct drain plugs are pulled prior to shipment
- Lead entry sealed for best moisture proofing

Add on accessories:

- Space Heaters
- Thermistors
- Shaft Grounding

**All of this customization is now available to you without the usual wait for custom builds!
Emerson makes it easy to create the Cooling Tower Motor you need.**

Step 1:

Order by Horsepower, RPM, Voltage, and Frame Size from the catalog price page. Select your Catalog Number — and yes, include the question mark!

For Example:

2 HP, 4 Pole, 200 Volt, Inverter Duty Cooling Tower Motor,
Catalog Number: HW2V2H?

Step 2:

Select required mounting position (see charts). The mounting position determines the base list price. For mounting positions F1, F2, C1, C2, W1 or W2, choose List A in the list price column. For mounting positions W5, W6, W7 or W8, choose List B in the list price column.

For Example:

Catalog number HW2V2H?

For mounting position F1, the list price would be \$631.

For mounting position W5, the list price would be \$706.

Step 3:

Determine if you need optional accessories. Optional Accessories Include: Space Heaters, Thermistors and Shaft Grounding. List price adders are determined by frame size.

For Example:

HW2V2H? is a 145 frame.

List price adder for the space heater would be \$220.

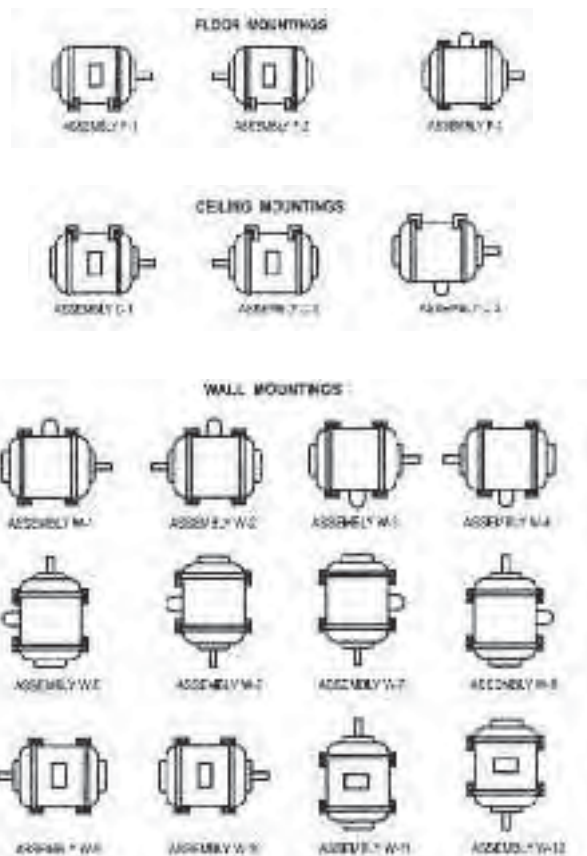
Catalog Example: HW2V2H?

	List Price
Base Catalog Model with F2 Assembly:	\$631
Space Heater Adder (145 Frame):	\$220
Total List Price:	\$851

Step 4:

Apply your discount symbol multiplier for this product for your net price!

MOTOR MOUNTING ASSEMBLY GUIDE



† All non-Emerson Electric Co. marks shown within this document are properties of their other respective owners

Ready Line™ Cooling Tower Duty, Three Phase, Totally Enclosed Fan Cooled (TEFC), Inverter Duty 10:1 (6-60Hz Variable Torque)



APPLICATIONS:

Designed to meet manufacturer's requirements for use in Cooling Tower, Evaporative Condenser and other commercial and industrial applications requiring protection from harsh operating conditions with up to 100% humidity.

FEATURES:

- Pulse Endurance "Tough Coat" INVERTER GRADE® Motors
- Double Dip & Bake, 100% Solids, Polyester Insulation On Windings
- Class F Insulation, 40°C Ambient
- Cast Iron Frame
- VBXX® by InproSeal on "wet" end for vertical mounting positions
- Double-Sealed, same-size bearings both ends
- Corrosion Resistant Mill and Chemical Duty Paint
- Sealed Bracket-to-Frame Registers & Leads
- Stainless Steel Nameplate & Zinc Plated Hardware
- 1.15 Service Factor
- Rotor Balance better than 0.08 in/sec
- NEMA® Design B Performance on 60 Hertz Sine Wave Power
- Inverter Compatible: Exceeds NEMA® MG-1 Part 31 (10:1 Variable Torque)

Discount Symbol DS-3HTL

Option List Prices: Add motor & required options list prices, then use applicable multiplier to calculate net price.

Options	Frame Size								
	140	180	210	250	280	320	360	400	440
Space Heater	\$220	\$275	\$300	\$410	\$430	\$450	\$470	\$500	\$510
Thermistor	\$490	\$490	\$490	\$490	\$490	\$490	\$490	\$490	\$490
Shaft Grounding	Refer to Emerson								

List A: For mounting positions F1, F2, C1, C2, W1, W2. List B: For mounting positions W5, W6, W7, W8.

HP	RPM	Voltage	Frame	Catalog Number	List A	List B	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
2	1800	200	145T	HW2V2H?	\$631	\$706	13.1	70	86.5	6.6	-
	1800	230/460	145T	HW2V2E?	\$584	\$659	13.1	70	86.5	5.7/2.8	-
	1800	575	145T	HW2V2G?	\$672	\$747	13.1	70	86.5	2.3	-
	1200	200	184T	HW2V3H?	\$1,167	\$1,272	15.5	110	88.5	7.2	-
	1200	230/460	184T	HW2V3E?	\$1,080	\$1,185	15.5	110	88.5	6.2/3.1	-
	1200	575	184T	HW2V3G?	\$1,242	\$1,347	15.5	110	88.5	2.5	-
3	1800	200	182T	HW3V2H?	\$949	\$1,054	14.5	100	89.5	9.2	-
	1800	230/460	182T	HW3V2E?	\$879	\$984	14.5	100	89.5	7.9/3.9	-
	1800	575	182T	HW3V2G?	\$1,011	\$1,116	14.5	100	89.5	3.2	-
	1200	200	213T	HW3V3H?	\$1,756	\$1,871	17.6	160	89.5	10.1	-
	1200	230/460	213T	HW3V3E?	\$1,626	\$1,741	17.6	160	90.2	8.7/4.4	-
	1200	575	213T	HW3V3G?	\$1,870	\$1,985	17.6	160	89.5	3.5	-
5	1800	200	184T	HW5V2H?	\$990	\$1,095	15.5	110	89.5	14.4	-
	1800	230/460	184T	HW5V2E?	\$917	\$1,022	15.5	110	89.5	12.5/6.3	-
	1800	575	184T	HW5V2G?	\$1,055	\$1,160	15.5	110	89.5	5.0	-
	1200	200	215T	HW5V3H?	\$1,832	\$1,947	19.1	175	89.5	16.3	-
	1200	230/460	215T	HW5V3E?	\$1,696	\$1,811	19.1	175	90.2	14.0/7.0	-
	1200	575	215T	HW5V3G?	\$1,951	\$2,066	19.1	175	90.2	5.6	-
7-1/2	1800	200	213T	HW7V2H?	\$1,364	\$1,479	17.6	160	91.7	21.1	-
	1800	230/460	213T	HW7V2E?	\$1,263	\$1,378	17.6	160	91.7	18.6/9.3	-
	1800	575	213T	HW7V2G?	\$1,452	\$1,567	17.6	160	91.7	7.5	-
	1200	200	254T	HW7V3H?	\$2,523	\$2,668	23.8	300	91.0	21.5	-
	1200	230/460	254T	HW7V3E?	\$2,337	\$2,482	23.8	300	91.0	18.6/9.3	-
	1200	575	254T	HW7V3G?	\$2,687	\$2,832	23.8	300	91.0	7.5	-

Products on this page are configured by application – catalog number for reference only. Please contact customer service for ordering and pricing information. 866-298-2482

Ready Line™ Cooling Tower Duty, Three Phase, Totally Enclosed Fan Cooled (TEFC), Inverter Duty 10:1 (6-60Hz Variable Torque)



APPLICATIONS:

Designed to meet manufacturer's requirements for use in Cooling Tower, Evaporative Condenser and other commercial and industrial applications requiring protection from harsh operating conditions with up to 100% humidity.

List A: For mounting positions F1, F2, C1, C2, W1, W2. List B: For mounting positions W5, W6, W7, W8.

HP	RPM	Voltage	Frame	Catalog Number	List A	List B	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
10	1800	200	215T	HW10V2H?	\$1,615	\$1,730	19.1	180	91.7	27.3	-
	1800	230/460	215T	HW10V2E?	\$1,495	\$1,610	19.1	175	91.7	23.8/11.9	-
	1800	575	215T	HW10V2G?	\$1,719	\$1,834	19.1	180	91.7	9.6	-
	1200	200	256T	HW10V3H?	\$2,987	\$3,132	25.5	340	91.0	28.3	-
	1200	230/460	256T	HW10V3E?	\$2,766	\$2,911	25.5	360	91.7	24.5/12.3	-
	1200	575	256T	HW10V3G?	\$3,181	\$3,326	25.5	340	91.0	9.8	-
15	1800	200	254T	HW15V2H?	\$2,318	\$2,463	23.8	300	92.4	42.0	-
	1800	230/460	254T	HW15V2E?	\$2,146	\$2,291	23.8	300	92.4	37.0/18.4	-
	1800	575	254T	HW15V2G?	\$2,468	\$2,613	23.8	300	92.4	14.5	-
	1200	200	284T	HW15V3H?	\$4,288	\$4,473	25.5	385	91.7	43.0	-
	1200	230/460	284T	HW15V3E?	\$3,970	\$4,155	25.5	385	91.7	37.0/18.7	-
	1200	575	284T	HW15V3G?	\$4,566	\$4,751	25.5	390	91.7	14.8	-
20	1800	200	256T	HW20V2H?	\$2,651	\$2,796	25.5	360	93.0	54.0	-
	1800	230/460	256T	HW20V2E?	\$2,455	\$2,600	25.5	360	93.0	47.0/23.7	-
	1800	575	256T	HW20V2G?	\$2,823	\$2,968	25.5	360	93.0	19.0	-
	1200	200	286T	HW20V3H?	\$4,905	\$5,090	27.0	420	91.7	56.0	-
	1200	230/460	286T	HW20V3E?	\$4,542	\$4,727	27.0	420	91.7	49.0/24.5	-
	1200	575	286T	HW20V3G?	\$5,223	\$5,408	27.0	420	91.7	19.6	-
25	1800	200	284T	HW25V2H?	\$3,600	\$3,785	25.5	390	93.6	67.0	-
	1800	230/460	284T	HW25V2E?	\$3,333	\$3,518	25.5	390	93.6	60.0/29.8	-
	1800	575	284T	HW25V2G?	\$3,833	\$4,018	25.5	390	93.6	23.3	-
	1200	200	324T	HW25V3H?	\$6,659	\$6,894	30.6	540	93.0	68.0	-
	1200	230/460	324T	HW25V3E?	\$6,166	\$6,401	30.6	540	93.0	59.0/29.4	-
	1200	575	324T	HW25V3G?	\$7,091	\$7,326	30.6	555	93.0	23.5	-
30	1800	200	286T	HW30V2H?	\$3,801	\$3,986	27.0	440	93.6	79.0	-
	1800	230/460	286T	HW30V2E?	\$3,519	\$3,704	27.0	440	93.6	69.0/34.0	-
	1800	575	286T	HW30V2G?	\$4,047	\$4,232	27.0	440	93.6	27.6	-
	1200	200	326T	HW30V3H?	\$7,031	\$7,266	31.6	610	93.0	80.0	-
	1200	230/460	326T	HW30V3E?	\$6,510	\$6,745	31.6	610	93.0	70.0/35.0	-
	1200	575	326T	HW30V3G?	\$7,487	\$7,722	31.6	610	93.0	28.0	-
40	1800	200	324T	HW40V2H?	\$4,798	\$5,033	30.6	600	94.1	105.0	-
	1800	230/460	324T	HW40V2E?	\$4,443	\$4,678	30.6	600	94.1	92.0/46.0	-
	1800	575	324T	HW40V2G?	\$5,109	\$5,344	30.6	600	94.1	37.0	-
	1200	200	364T	HW40V3H?	\$8,877	\$9,137	32.6	800	94.1	107.0	-
	1200	230/460	364T	HW40V3E?	\$8,220	\$8,480	32.6	800	94.1	93.0/46.0	-
	1200	575	364T	HW40V3G?	\$9,452	\$9,712	32.6	800	94.1	37.0	-
50	1800	200	326T	HW50V2H?	\$5,600	\$5,835	31.6	625	94.5	129.0	-
	1800	230/460	326T	HW50V2E?	\$5,185	\$5,420	31.6	625	94.5	112.0/56.0	-
	1800	575	326T	HW50V2G?	\$5,963	\$6,198	31.6	625	94.5	45.0	-
	1200	200	365T	HW50V3H?	\$10,360	\$10,620	33.6	890	94.1	133.0	-
	1200	230/460	365T	HW50V3E?	\$9,592	\$9,852	33.6	925	94.1	116.0/58.0	-
	1200	575	365T	HW50V3G?	\$11,031	\$11,291	33.6	925	94.1	46.0	-

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Please contact customer service for ordering and pricing information. 866-298-2482

Ready Line™ Cooling Tower Duty, Three Phase, Totally Enclosed Fan Cooled (TEFC), Inverter Duty 10:1 (6-60Hz Variable Torque)



APPLICATIONS:

Designed to meet manufacturer's requirements for use in Cooling Tower, Evaporative Condenser and other commercial and industrial applications requiring protection from harsh operating conditions with up to 100% humidity.

List A: For mounting positions F1, F2, C1, C2, W1, W2. List B: For mounting positions W5, W6, W7, W8.

HP	RPM	Voltage	Frame	Catalog Number	List A	List B	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
60	1800	200	364T	HW60V2H?	\$7,502	\$7,762	32.6	830	95.0	159.0	-
	1800	230/460	364T	HW60V2E?	\$6,946	\$7,206	32.6	830	95.0	137.0/69.0	-
	1800	575	364T	HW60V2G?	\$7,988	\$8,248	32.6	830	95.0	55.0	-
	1200	200	404T	HW60V3H?	\$13,878	\$14,228	36.1	1050	94.5	161.0	-
	1200	230/460	404T	HW60V3E?	\$12,850	\$13,200	36.1	1200	94.5	140.0/70.0	-
	1200	575	404T	HW60V3G?	\$14,778	\$15,128	36.1	1050	94.5	56.0	-
75	1800	200	365T	HW75V2H?	\$8,706	\$8,966	33.6	910	95.4	194.0	-
	1800	230/460	365T	HW75V2E?	\$8,061	\$8,321	33.6	920	95.4	169.0/84.0	-
	1800	575	365T	HW75V2G?	\$9,270	\$9,530	33.6	900	95.4	68.0	-
	1200	200	405T	HW75V3H?	\$16,106	\$16,456	37.7	1260	94.5	201.0	-
	1200	230/460	405T	HW75V3E?	\$14,913	\$15,263	37.7	1260	94.5	173.0/87.0	-
	1200	575	405T	HW75V3G?	\$17,150	\$17,500	37.7	1260	94.5	70.0	-
100	1800	200	405T	HW100V2H?	\$13,019	\$13,369	37.7	1250	95.4	261.0	-
	1800	230/460	405T	HW100V2E?	\$12,055	\$12,405	37.7	1250	95.4	226.0/113.0	-
	1800	575	405T	HW100V2G?	\$13,863	\$14,213	37.7	1260	95.4	91.0	-
	1200	200	444T	HW100V3H?	\$24,086	\$24,486	43.4	1635	95.0	284.0	-
	1200	230/460	444T	HW100V3E?	\$22,302	\$22,702	43.4	1635	95.0	248.0/124.0	-
	1200	575	444T	HW100V3G?	\$25,647	\$26,047	43.4	1660	95.0	99.0	-

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- GENERAL INFORMATION
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- VENTILATION
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- PUMP MOTORS
- GEN. PURPOSE SINGLE PHASE
- GEN. PURPOSE THREE PHASE
- ACCESSORIES & PARTS
- MOTOR TERMINOLOGY
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- MOTOR SELECTION GUIDE
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Ready Line™ Cooling Tower Duty, Three Phase, Totally Enclosed Fan Cooled (TEFC), Premium Efficient, 2-Speed, 1-Winding



APPLICATIONS:

Designed to meet manufacturer's requirements for use in Cooling Tower, Evaporative Condenser and other commercial and industrial applications requiring protection from harsh operating conditions with up to 100% humidity.

FEATURES:

- Pulse Endurance "Tough Coat" INVERTER GRADE® Motors
- Double Dip & Bake, 100% Solids, Polyester Insulation On Windings
- Class F Insulation, 40°C Ambient
- Cast Iron Frame
- VBXX® by InproSeal on "wet" end for vertical mounting positions
- Double-Sealed, same-size bearings both ends
- Corrosion Resistant Mill and Chemical Duty Paint
- Sealed Bracket-to-Frame Registers & Leads
- Stainless Steel Nameplate & Zinc Plated Hardware
- 1.15 Service Factor
- Rotor Balance better than 0.08 in/sec
- NEMA® Design B Performance on 60 Hertz Sine Wave Power

Discount Symbol DS-3HTL

Option List Prices: Add motor & required options list prices, then use applicable multiplier to calculate net price.

Options	Frame Size								
	140	180	210	250	280	320	360	400	440
Space Heater	\$220	\$275	\$300	\$410	\$430	\$450	\$470	\$500	\$510
Thermistor	\$490	\$490	\$490	\$490	\$490	\$490	\$490	\$490	\$490
Shaft Grounding	Refer to Emerson								

List A: For mounting positions F1, F2, C1, C2, W1, W2. List B: For mounting positions W5, W6, W7, W8.

HP HP (Low)	RPM/RPM Low (# Windings)	Voltage	Frame	Catalog Number	List A	List B	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
2 (1/2)	1800/900 (1)	200	145T	HW2PL9H?	\$851	\$926	13.1	70	82.5	4.1/6.5	-
	1800/900 (1)	460	145T	HW2PL9C?	\$788	\$863	13.1	70	84.0	1.8/2.8	-
	1800/900 (1)	575	145T	HW2PL9G?	\$907	\$982	13.1	70	84.0	1.4/2.2	-
	1200/600 (1)	200	215T	HW2PL36H?	\$1,388	\$1,503	19.1	175	86.5	4.7/7.2	-
	1200/600 (1)	460	215T	HW2PL36C?	\$1,285	\$1,400	19.1	175	84.0	2.0/3.1	-
	1200/600 (1)	575	215T	HW2PL36G?	\$1,478	\$1,593	19.1	175	86.5	1.6/2.5	-
3 (3/4)	1800/900 (1)	200	182T	HW3PL9H?	\$1,282	\$1,387	14.5	100	86.5	4.0/9.7	-
	1800/900 (1)	460	182T	HW3PL9C?	\$1,187	\$1,292	14.5	100	85.5	1.8/4.5	-
	1800/900 (1)	575	182T	HW3PL9G?	\$1,365	\$1,470	14.5	100	0	0/0	-
	1200/600 (1)	200	215T	HW3PL36H?	\$2,089	\$2,204	19.1	175	85.5	5.3/9.7	-
	1200/600 (1)	460	215T	HW3PL36C?	\$1,934	\$2,049	19.1	175	85.5	2.3/4.2	-
	1200/600 (1)	575	215T	HW3PL36G?	\$2,224	\$2,339	19.1	175	85.5	1.8/3.4	-
5 (1-1/4)	1800/900 (1)	200	184T	HW5PL9H?	\$1,337	\$1,442	15.5	100	86.5	5.5/16.2	-
	1800/900 (1)	460	184T	HW5PL9C?	\$1,238	\$1,343	15.5	110	86.5	2.6/6.6	-
	1800/900 (1)	575	184T	HW5PL9G?	\$1,424	\$1,529	15.5	110	86.5	2.0/5.2	-
	1200/600 (1)	200	254T	HW5PL36H?	\$2,179	\$2,324	23.8	300	87.5	8.5/17.7	-
	1200/600 (1)	460	254T	HW5PL36C?	\$2,017	\$2,162	23.8	300	87.5	3.5/7.3	-
	1200/600 (1)	575	254T	HW5PL36G?	\$2,320	\$2,465	23.8	300	87.5	2.8/5.9	-
7-1/2 (1-3/4)	1800/900 (1)	200	213T	HW7PL9H?	\$1,841	\$1,956	17.6	160	87.5	8.9/23.6	-
	1800/900 (1)	460	213T	HW7PL9C?	\$1,705	\$1,820	17.6	160	88.5	3.6/9.5	-
	1800/900 (1)	575	213T	HW7PL9G?	\$1,961	\$2,076	17.6	160	87.5	2.8/7.5	-
	1200/600 (1)	200	256T	HW7PL36H?	\$3,001	\$3,146	25.5	340	0	0/0	-
	1200/600 (1)	460	256T	HW7PL36C?	\$2,779	\$2,924	25.5	340	0	0/0	-
	1200/600 (1)	575	256T	HW7PL36G?	\$3,195	\$3,340	25.5	340	0	0/0	-

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Ready Line™ Cooling Tower Duty, Three Phase, Totally Enclosed Fan Cooled (TEFC), Premium Efficient, 2-Speed, 1-Winding



APPLICATIONS:

Designed to meet manufacturer's requirements for use in Cooling Tower, Evaporative Condenser and other commercial and industrial applications requiring protection from harsh operating conditions with up to 100% humidity.

List A: For mounting positions F1, F2, C1, C2, W1, W2. List B: For mounting positions W5, W6, W7, W8.

HP HP (Low)	RPM/RPM Low (# Windings)	Voltage	Frame	Catalog Number	List A	List B	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
10 (2-1/2)	1800/900 (1)	200	215T	HW10PL9H?	\$2,180	\$2,295	19.1	200	88.5	10.8/28.4	-
	1800/900 (1)	460	215T	HW10PL9C?	\$2,018	\$2,133	19.1	190	89.5	4.8/12.5	-
	1800/900 (1)	575	215T	HW10PL9G?	\$2,321	\$2,436	19.1	200	90.2	3.8/9.9	-
	1200/600 (1)	200	284T	HW10PL36H?	\$3,552	\$3,737	25.5	385	87.5	14.5/40.0	-
	1200/600 (1)	460	284T	HW10PL36C?	\$3,289	\$3,474	25.5	385	89.5	5.8/14.8	-
	1200/600 (1)	575	284T	HW10PL36G?	\$3,782	\$3,967	25.5	385	89.5	4.5/11.5	-
15 (3-3/4)	1800/900 (1)	200	254T	HW15PL9H?	\$3,129	\$3,274	23.8	310	91.0	16.8/43.0	-
	1800/900 (1)	460	254T	HW15PL9C?	\$2,897	\$3,042	23.8	310	91.0	7.7/19.3	-
	1800/900 (1)	575	254T	HW15PL9G?	\$3,332	\$3,477	23.8	310	91.0	6.2/15.4	-
	1200/600 (1)	200	286T	HW15PL36H?	\$5,099	\$5,284	27.0	410	90.2	21.8/43.0	-
	1200/600 (1)	460	286T	HW15PL36C?	\$4,721	\$4,906	27.0	410	90.2	7.6/18.9	-
	1200/600 (1)	575	286T	HW15PL36G?	\$5,429	\$5,614	27.0	410	91.0	10.0/16.0	-
20 (5)	1800/900 (1)	200	256T	HW20PL9H?	\$3,579	\$3,724	25.5	360	91.0	19.9/56.0	-
	1800/900 (1)	460	256T	HW20PL9C?	\$3,314	\$3,459	25.5	360	91.0	9.1/24.1	-
	1800/900 (1)	575	256T	HW20PL9G?	\$3,811	\$3,956	25.5	360	91.0	7.2/19.2	-
	1200/600 (1)	200	324T	HW20PL36H?	\$5,833	\$6,068	30.6	555	91.0	20.6/55.0	-
	1200/600 (1)	460	324T	HW20PL36C?	\$5,401	\$5,636	30.6	555	90.2	9.1/24.1	-
	1200/600 (1)	575	324T	HW20PL36G?	\$6,211	\$6,446	30.6	555	89.5	7.2/19.5	-
25 (6-1/4)	1800/900 (1)	200	286T	HW25PL9H?	\$4,860	\$5,045	27.0	430	92.4	25.5/68.0	-
	1800/900 (1)	460	286T	HW25PL9C?	\$4,500	\$4,685	27.0	430	92.4	11.1/29.6	-
	1800/900 (1)	575	286T	HW25PL9G?	\$5,174	\$5,359	27.0	430	92.4	9.0/23.8	-
	1200/600 (1)	200	326T	HW25PL36H?	\$7,919	\$8,154	30.6	600	91.0	34.0/70.0	-
	1200/600 (1)	460	326T	HW25PL36C?	\$7,333	\$7,568	30.6	600	91.7	15.6/30.0	-
	1200/600 (1)	575	326T	HW25PL36G?	\$8,432	\$8,667	30.6	600	91.7	12.1/24.3	-
30 (7-1/2)	1800/900 (1)	200	324T	HW30PL9H?	\$5,131	\$5,366	30.6	605	91.7	28.7/81.0	-
	1800/900 (1)	460	324T	HW30PL9C?	\$4,751	\$4,986	30.6	605	92.4	12.8/35.0	-
	1800/900 (1)	575	324T	HW30PL9G?	\$5,463	\$5,698	30.6	605	93.0	10.6/28.0	-
	1200/600 (1)	200	364T	HW30PL36H?	\$8,361	\$8,621	30.6	790	92.4	32.0/91.0	-
	1200/600 (1)	460	364T	HW30PL36C?	\$7,742	\$8,002	32.6	790	92.4	14.0/41.0	-
	1200/600 (1)	575	364T	HW30PL36G?	\$8,903	\$9,163	32.6	790	92.4	11.3/33.0	-
40 (10)	1800/900 (1)	200	326T	HW40PL9H?	\$6,478	\$6,713	32.6	620	93.0	39.0/106.0	-
	1800/900 (1)	460	326T	HW40PL9C?	\$5,998	\$6,233	30.6	620	93.0	16.7/46.0	-
	1800/900 (1)	575	326T	HW40PL9G?	\$6,898	\$7,133	30.6	620	92.4	13.3/37.0	-
	1200/600 (1)	200	364T	HW40PL36H?	\$10,557	\$10,817	32.6	875	91.7	41.0/126.0	-
	1200/600 (1)	460	364T	HW40PL36C?	\$9,775	\$10,035	32.6	875	91.7	18.0/54.0	-
	1200/600 (1)	575	364T	HW40PL36G?	\$11,241	\$11,501	32.6	875	91.0	14.3/43.0	-
50 (12-1/2)	1800/900 (1)	200	364T	HW50PL9H?	\$7,560	\$7,820	32.6	830	93.6	45.0/136.0	-
	1800/900 (1)	460	364T	HW50PL9C?	\$7,000	\$7,260	32.6	830	93.6	21.3/59.0	-
	1800/900 (1)	575	364T	HW50PL9G?	\$8,050	\$8,310	32.6	830	93.6	15.7/47.0	-
	1200/600 (1)	200	365T	HW50PL36H?	\$12,320	\$12,580	33.6	920	92.4	55.0/144.0	-
	1200/600 (1)	460	365T	HW50PL36C?	\$11,407	\$11,667	33.6	890	93.0	22.9/60.0	-
	1200/600 (1)	575	365T	HW50PL36G?	\$13,118	\$13,378	33.6	890	92.4	18.3/49.0	-

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Ready Line™ Cooling Tower Duty, Three Phase, Totally Enclosed Fan Cooled (TEFC), Premium Efficient, 2-Speed, 1-Winding



APPLICATIONS:

Designed to meet manufacturer's requirements for use in Cooling Tower, Evaporative Condenser and other commercial and industrial applications requiring protection from harsh operating conditions with up to 100% humidity.

List A: For mounting positions F1, F2, C1, C2, W1, W2. List B: For mounting positions W5, W6, W7, W8.

HP HP (Low)	RPM/RPM Low (# Windings)	Voltage	Frame	Catalog Number	List A	List B	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
60 (15)	1800/900 (1)	200	365T	HW60PL9H?	\$10,127	\$10,387	33.6	925	92.4	61.0/169.0	-
	1800/900 (1)	460	365T	HW60PL9C?	\$9,377	\$9,637	33.6	925	94.1	24.9/69.0	-
	1800/900 (1)	575	365T	HW60PL9G?	\$10,784	\$11,044	33.6	925	94.1	20.0/55.0	-
	1200/600 (1)	200	405T	HW60PL36H?	\$16,504	\$16,854	37.7	1180	93.6	63.0/164.0	-
	1200/600 (1)	460	405T	HW60PL36C?	\$15,281	\$15,631	37.7	1180	94.1	29.0/72.0	-
	1200/600 (1)	575	405T	HW60PL36G?	\$17,573	\$17,923	37.7	1180	94.1	23.0/58.0	-
75 (18-3/4)	1800/900 (1)	200	405T	HW75PL9H?	\$11,753	\$12,103	37.7	1260	93.6	69.0/198.0	-
	1800/900 (1)	460	405T	HW75PL9C?	\$10,882	\$11,232	37.7	1350	94.1	30.0/86.0	-
	1800/900 (1)	575	405T	HW75PL9G?	\$12,515	\$12,865	37.7	1350	0	0/0	-
	1200/600 (1)	200	444T	HW75PL36H?	\$19,153	\$19,553	43.4	1640	92.4	74.0/204.0	-
	1200/600 (1)	460	444T	HW75PL36C?	\$17,734	\$18,134	43.4	1640	93.0	33.0/89.0	-
	1200/600 (1)	575	444T	HW75PL36G?	\$20,394	\$20,794	43.4	1640	92.4	26.4/72.0	-
100 (25)	1800/900 (1)	200	444T	HW100PL9H?	\$17,576	\$17,976	43.4	1640	93.6	88.0/262.0	-
	1800/900 (1)	460	444T	HW100PL9C?	\$16,274	\$16,674	43.4	1660	93.6	39.0/115.0	-
	1800/900 (1)	575	444T	HW100PL9G?	\$18,715	\$19,115	43.4	1660	93.6	32.0/92.0	-
	1200/600 (1)	200	445T	HW100PL36H?	\$28,643	\$29,043	45.4	1660	94.1	129.0/296.0	-
	1200/600 (1)	460	445T	HW100PL36C?	\$26,521	\$26,921	45.4	1750	94.1	55.0/127.0	-
	1200/600 (1)	575	445T	HW100PL36G?	\$30,499	\$30,899	45.4	1660	94.1	46.0/104.0	-

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Ready Line™ Cooling Tower Duty, Three Phase, Totally Enclosed Fan Cooled (TEFC), Premium Efficient, 2-Speed, 2-Winding, 2-100 HP



APPLICATIONS:

Designed to meet manufacturer's requirements for use in Cooling Tower, Evaporative Condenser and other commercial and industrial applications requiring protection from harsh operating conditions with up to 100% humidity.

FEATURES:

- Pulse Endurance "Tough Coat" INVERTER GRADE® Motors
- Double Dip & Bake, 100% Solids, Polyester Insulation On Windings
- Class F Insulation, 40°C Ambient
- Cast Iron Frame
- VBXX® by InproSeal on "wet" end for vertical mounting positions
- Double-Sealed, same-size bearings both ends
- Corrosion Resistant Mill and Chemical Duty Paint
- Sealed Bracket-to-Frame Registers & Leads
- Stainless Steel Nameplate & Zinc Plated Hardware
- 1.15 Service Factor
- Rotor Balance better than 0.08 in/sec
- NEMA® Design B Performance on 60 Hertz Sine Wave Power

Option List Prices: Add motor & required options list prices, then use applicable multiplier to calculate net price.

Options	Frame Size								
	140	180	210	250	280	320	360	400	440
Space Heater	\$220	\$275	\$300	\$410	\$430	\$450	\$470	\$500	\$510
Thermistor	\$490	\$490	\$490	\$490	\$490	\$490	\$490	\$490	\$490
Shaft Grounding	Refer to Emerson								

List A: For mounting positions F1, F2, C1, C2, W1, W2. List B: For mounting positions W5, W6, W7, W8.

HP HP (Low)	RPM/RPM Low (# Windings)	Voltage	Frame	Catalog Number	List A	List B	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
2 (1/2)	1800/900 (2)	200	184T	HW2PK9H?	\$1,388	\$1,493	15.5	100	84	7.0/3.5	-
	1800/900 (2)	460	184T	HW2PK9C?	\$1,285	\$1,390	15.5	100	84	3.4/1.7	-
	1800/900 (2)	575	184T	HW2PK9G?	\$1,478	\$1,583	15.5	100	84	2.7/1.4	-
	1200/600 (2)	200	215T	HW2PK36H?	\$1,924	\$2,039	19.1	220	82.5	8.3/5.0	-
	1200/600 (2)	460	215T	HW2PK36C?	\$1,781	\$1,896	19.1	175	81.5	3.7/2.3	-
	1200/600 (2)	575	215T	HW2PK36G?	\$2,048	\$2,163	19.1	220	82.5	2.8/1.8	-
3 (3/4)	1800/900 (2)	200	213T	HW3PK9H?	\$2,089	\$2,204	17.6	110	87.5	9.2/9.3	-
	1800/900 (2)	460	213T	HW3PK9C?	\$1,934	\$2,049	17.6	110	86.5	4.4/4.3	-
	1800/900 (2)	575	213T	HW3PK9G?	\$2,224	\$2,339	17.6	110	86.5	3.5/3.5	-
	1200/600 (2)	200	254T	HW3PK36H?	\$2,895	\$3,040	23.8	300	86.5	10.3/4.3	-
	1200/600 (2)	460	254T	HW3PK36C?	\$2,681	\$2,826	23.8	300	85.5	4.3/2.1	-
	1200/600 (2)	575	254T	HW3PK36G?	\$3,083	\$3,228	23.8	300	85.5	3.4/1.7	-
5 (1-1/4)	1800/900 (2)	200	215T	HW5PK9H?	\$2,179	\$2,294	19.1	225	88.5	14.7/6.9	-
	1800/900 (2)	460	215T	HW5PK9C?	\$2,017	\$2,132	19.1	225	87.5	6.6/4.3	-
	1800/900 (2)	575	215T	HW5PK9G?	\$2,320	\$2,435	19.1	225	87.5	5.4/2.8	-
	1200/600 (2)	200	256T	HW5PK36H?	\$3,021	\$3,166	25.5	360	86.5	16.4/8.1	-
	1200/600 (2)	460	256T	HW5PK36C?	\$2,797	\$2,942	25.5	360	86.5	8.6/4.1	-
	1200/600 (2)	575	256T	HW5PK36G?	\$3,216	\$3,361	25.5	360	86.5	6.8/3.1	-
7-1/2 (1-3/4)	1800/900 (2)	200	254T	HW7PK9H?	\$3,001	\$3,146	23.8	340	91	21.8/8.8	-
	1800/900 (2)	460	254T	HW7PK9C?	\$2,779	\$2,924	23.8	340	91	9.5/3.8	-
	1800/900 (2)	575	254T	HW7PK9G?	\$3,195	\$3,340	23.8	340	91	7.5/2.9	-
	1200/600 (2)	200	284T	HW7PK36H?	\$4,160	\$4,345	25.5	390	88.5	26.8/12.4	-
	1200/600 (2)	460	284T	HW7PK36C?	\$3,852	\$4,037	25.5	390	87.5	12.2/5.7	-
	1200/600 (2)	575	284T	HW7PK36G?	\$4,430	\$4,615	25.5	390	86.5	10.3/4.7	-

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**Products on this page are configured by application – catalog number for reference only.
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GENERAL INFORMATION
HVACR
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Ready Line™ Cooling Tower Duty, Three Phase, Totally Enclosed Fan Cooled (TEFC), Premium Efficient, 2-Speed, 2-Winding, 2-100 HP



APPLICATIONS:

Designed to meet manufacturer's requirements for use in Cooling Tower, Evaporative Condenser and other commercial and industrial applications requiring protection from harsh operating conditions with up to 100% humidity.

List A: For mounting positions F1, F2, C1, C2, W1, W2. List B: For mounting positions W5, W6, W7, W8.

HP HP (Low)	RPM/RPM Low (# Windings)	Voltage	Frame	Catalog Number	List A	List B	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
10 (2-1/2)	1800/900 (2)	200	256T	HW10PK9H?	\$3,552	\$3,697	25.5	360	91	27.6/12.1	-
	1800/900 (2)	460	256T	HW10PK9C?	\$3,289	\$3,434	25.5	360	91	12.0/5.2	-
	1800/900 (2)	575	256T	HW10PK9G?	\$3,782	\$3,927	25.5	360	91.7	9.8/4.1	-
	1200/600 (2)	200	286T	HW10PK36H?	\$4,925	\$5,110	27	440	88.5	30/12.6	-
	1200/600 (2)	460	286T	HW10PK36C?	\$4,560	\$4,745	27	440	89.5	15.0/7.1	-
	1200/600 (2)	575	286T	HW10PK36G?	\$5,244	\$5,429	27	440	89.5	11.3/5.5	-
15 (3-3/4)	1800/900 (2)	200	284T	HW15PK9H?	\$5,099	\$5,284	25.5	390	91	44/15.9	-
	1800/900 (2)	460	284T	HW15PK9C?	\$4,721	\$4,906	25.5	390	92.4	18.9/7.6	-
	1800/900 (2)	575	284T	HW15PK9G?	\$5,429	\$5,614	25.5	400	92.4	14.8/5.6	-
	1200/600 (2)	200	324T	HW15PK36H?	\$7,069	\$7,304	30.6	600	89.5	44/17.4	-
	1200/600 (2)	460	324T	HW15PK36C?	\$6,545	\$6,780	30.6	600	88.5	19.0/7.5	-
	1200/600 (2)	575	324T	HW15PK36G?	\$7,527	\$7,762	30.6	600	89.5	15.0/5.9	-
20 (5)	1800/900 (2)	200	286T	HW20PK9H?	\$5,833	\$6,018	27	440	92.4	56/20.4	-
	1800/900 (2)	460	286T	HW20PK9C?	\$5,401	\$5,586	27	440	92.4	24.3/8.9	-
	1800/900 (2)	575	286T	HW20PK9G?	\$6,211	\$6,396	27	440	91.7	20.4/7.7	-
	1200/600 (2)	200	326T	HW20PK36H?	\$8,087	\$8,322	30.6	610	90.2	62/24.2	-
	1200/600 (2)	460	326T	HW20PK36C?	\$7,488	\$7,723	30.6	610	90.2	26.3/10.7	-
	1200/600 (2)	575	326T	HW20PK36G?	\$8,611	\$8,846	30.6	610	89.5	20.4/8.4	-
25 (6-1/4)	1800/900 (2)	200	324T	HW25PK9H?	\$7,919	\$8,154	30.6	600	91.7	71/28.1	-
	1800/900 (2)	460	324T	HW25PK9C?	\$7,333	\$7,568	30.6	600	91.7	31/11.0	-
	1800/900 (2)	575	324T	HW25PK9G?	\$8,432	\$8,667	30.6	600	92.4	24/8.3	-
	1200/600 (2)	200	364T	HW25PK36H?	\$10,979	\$11,239	32.6	810	92.4	72/31	-
	1200/600 (2)	460	364T	HW25PK36C?	\$10,166	\$10,426	32.6	810	91	35/13.1	-
	1200/600 (2)	575	364T	HW25PK36G?	\$11,690	\$11,950	32.6	810	91	26.8/11.0	-
30 (7-1/2)	1800/900 (2)	200	326T	HW30PK9H?	\$8,361	\$8,596	30.6	625	92.4	81/30	-
	1800/900 (2)	460	326T	HW30PK9C?	\$7,742	\$7,977	30.6	625	93.6	36/15.2	-
	1800/900 (2)	575	326T	HW30PK9G?	\$8,903	\$9,138	30.6	625	93	29.3/11.4	-
	1200/600 (2)	200	365T	HW30PK36H?	\$11,592	\$11,852	33.6	925	91.7	86/32	-
	1200/600 (2)	460	365T	HW30PK36C?	\$10,733	\$10,993	33.6	925	91	37/14.4	-
	1200/600 (2)	575	365T	HW30PK36G?	\$12,343	\$12,603	33.6	925	91	32/11.8	-
40 (10)	1800/900 (2)	200	364T	HW40PK9H?	\$10,557	\$10,817	32.6	820	92.4	118/38	-
	1800/900 (2)	460	364T	HW40PK9C?	\$9,775	\$10,035	32.6	810	93	50/18.5	-
	1800/900 (2)	575	364T	HW40PK9G?	\$11,241	\$11,501	32.6	820	93	40/15.2	-
	1200/600 (2)	200	404T	HW40PK36H?	\$14,635	\$14,985	36.1	1050	91.7	127/45	-
	1200/600 (2)	460	404T	HW40PK36C?	\$13,551	\$13,901	36.1	1050	90.2	51/18.9	-
	1200/600 (2)	575	404T	HW40PK36G?	\$15,584	\$15,934	36.1	1050	91.7	42/15.8	-

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Ready Line™ Cooling Tower Duty, Three Phase, Totally Enclosed Fan Cooled (TEFC), Premium Efficient, 2-Speed, 2-Winding, 2-100 HP



APPLICATIONS:

Designed to meet manufacturer's requirements for use in Cooling Tower, Evaporative Condenser and other commercial and industrial applications requiring protection from harsh operating conditions with up to 100% humidity.

List A: For mounting positions F1, F2, C1, C2, W1, W2. List B: For mounting positions W5, W6, W7, W8.

HP HP (Low)	RPM/RPM Low (# Windings)	Voltage	Frame	Catalog Number	List A	List B	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
50 (12-1/2)	1800/900 (2)	200	365T	HW50PK9H?	\$12,320	\$12,580	33.6	925	93.6	136/47	-
	1800/900 (2)	460	365T	HW50PK9C?	\$11,407	\$11,667	33.6	925	94.5	58/22.5	-
	1800/900 (2)	575	365T	HW50PK9G?	\$13,118	\$13,378	33.6	925	94.5	46/17.5	-
	1200/600 (2)	200	405T	HW50PK36H?	\$17,079	\$17,429	37.7	1260	93	146/59	-
	1200/600 (2)	460	405T	HW50PK36C?	\$15,814	\$16,164	37.7	1260	92.4	63/26.7	-
	1200/600 (2)	575	405T	HW50PK36G?	\$18,186	\$18,536	37.7	1260	92.4	51/22.2	-
60 (15)	1800/900 (2)	200	405T	HW60PK9H?	\$16,504	\$16,854	37.7	1260	94.1	171/58	-
	1800/900 (2)	460	405T	HW60PK9C?	\$15,281	\$15,631	37.7	1260	94.1	74/26.5	-
	1800/900 (2)	575	405T	HW60PK9G?	\$17,573	\$17,923	37.7	1260	94.1	59/22.2	-
	1200/600 (2)	200	444T	HW60PK36H?	\$22,880	\$23,280	43.4	1660	91.7	180/61	-
	1200/600 (2)	460	444T	HW60PK36C?	\$21,185	\$21,585	43.4	1660	91	77/28	-
	1200/600 (2)	575	444T	HW60PK36G?	\$24,363	\$24,763	43.4	1660	91	64/22.9	-
75 (18-3/4)	1800/900 (2)	200	405T	HW75PK9H?	\$19,153	\$19,503	37.7	1350	94.5	205/74	-
	1800/900 (2)	460	405T	HW75PK9C?	\$17,734	\$18,084	37.7	1660	94.5	89/30	-
	1800/900 (2)	575	405T	HW75PK9G?	\$20,394	\$20,744	37.7	1660	94.5	71/25.1	-
	1200/600 (2)	200	445T	HW75PK36H?	\$26,553	\$26,953	45.4	1750	93.6	255/91	-
	1200/600 (2)	460	445T	HW75PK36C?	\$24,586	\$24,986	45.4	1750	93.6	105/42	-
	1200/600 (2)	575	445T	HW75PK36G?	\$28,274	\$28,674	45.4	1750	93.6	89/35	-
100 (25)	1800/900 (2)	200	445T	HW100PK9H?	\$28,643	\$29,043	45.4	1750	94.5	280/90	-
	1800/900 (2)	460	445T	HW100PK9C?	\$26,521	\$26,921	45.4	1750	94.1	115/38	-
	1800/900 (2)	575	445T	HW100PK9G?	\$30,499	\$30,899	45.4	1750	94.5	94/32	-
	1200/600 (2)	200	447T	HW100PK36H?	\$39,709	\$40,109	48.9	1675	93	304/144	-
	1200/600 (2)	460	447T	HW100PK36C?	\$36,768	\$37,168	48.9	2100	93.6	139/66	-
	1200/600 (2)	575	447T	HW100PK36G?	\$42,283	\$42,683	48.9	1675	93	112/55	-

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Ready Line™ Cooling Tower Duty, Three Phase, Totally Enclosed Air Over (TEAO), NEMA Premium^{®†}, Inverter Duty, 10:1 (6-60Hz Variable Torque), 2-100 HP



CTNI

APPLICATIONS:

Designed to meet manufacturer's requirements for use directly in the air stream in Cooling Tower, Evaporative Condenser and other commercial and industrial applications requiring protection from harsh operating conditions with up to 100% humidity.

FEATURES:

- Pulse Endurance "Tough Coat" INVERTER GRADE[®] Motors
- Double Dip & Bake, 100% Solids, Polyester Insulation On Windings
- Class F Insulation, 40°C Ambient
- Cast Iron Frame
- VBXX[®] by InproSeal on "wet" end for vertical mounting positions
- Double-Sealed, same-size bearings both ends
- Corrosion Resistant Mill and Chemical Duty Paint
- Sealed Bracket-to-Frame Registers & Leads
- Stainless Steel Nameplate & Zinc Plated Hardware
- 1.15 Service Factor
- Rotor Balance better than 0.08 in/sec
- NEMA[®] Design B Performance on 60 Hertz Sine Wave Power
- Inverter Compatible: Exceeds NEMA[®] MG-1 Part 31 (10:1 Variable Torque)

Option List Prices: Add motor & required options list prices, then use applicable multiplier to calculate net price.

Options	Frame Size								
	140	180	210	250	280	320	360	400	440
Space Heater	\$220	\$275	\$300	\$410	\$430	\$450	\$470	\$500	\$510
Thermistor	\$490	\$490	\$490	\$490	\$490	\$490	\$490	\$490	\$490
Shaft Grounding	Refer to Emerson								

List A: For mounting positions F1, F2, C1, C2, W1, W2. List B: For mounting positions W5, W6, W7, W8.

HP	RPM	Voltage	Frame	Catalog Number	List A	List B	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
2	1800	200	145T	HVW2V2H?	\$650	\$725	-	70	86.5	6.6	-
	1800	230/460	145T	HVW2V2E?	\$602	\$677	-	70	86.5	5.7/2.9	-
	1800	575	145T	HVW2V2G?	\$692	\$767	-	70	86.5	2.3	-
	1200	200	184T	HVW2V3H?	\$1,202	\$1,307	13.7	110	88.5	7.2	-
	1200	200	184T	HVW2V3H	\$1,202	-	13.7	110	88.5	7.2	-
	1200	230/460	184T	HVW2V3E?	\$1,113	\$1,218	13.7	110	88.5	6.2/3.1	-
	1200	575	184T	HVW2V3G?	\$1,280	\$1,385	13.7	110	88.5	2.5	-
3	1800	200	182T	HVW3V2H?	\$978	\$1,083	12.7	100	89.5	9.2	-
	1800	230/460	182T	HVW3V2E?	\$905	\$1,010	12.7	100	89.5	7.9/3.9	-
	1800	575	182T	HVW3V2G?	\$1,041	\$1,146	12.7	100	89.5	3.2	-
	1200	200	213T	HVW3V3H?	\$1,809	\$1,924	14.8	160	89.5	10.1	-
	1200	200	213T	HVW3V3H	\$1,809	-	14.8	160	89.5	10.1	-
	1200	230/460	213T	HVW3V3E?	\$1,675	\$1,790	14.8	160	90.2	8.7/4.4	-
	1200	575	213T	HVW3V3G?	\$1,926	\$2,041	14.8	160	89.5	3.5	-
5	1800	200	184T	HVW5V2H?	\$1,020	\$1,125	13.7	110	89.5	14.4	-
	1800	200	184T	HVW5V2H	\$1,020	-	13.7	110	89.5	14.4	-
	1800	230/460	184T	HVW5V2E?	\$945	\$1,050	13.7	110	89.5	12.5/6.3	-
	1800	575	184T	HVW5V2G?	\$1,086	\$1,191	13.7	110	89.5	5.0	-
	1200	200	215T	HVW5V3H?	\$1,887	\$2,002	16.3	175	90.2	16.2	-
	1200	200	215T	HVW5V3H	\$1,887	-	16.3	175	90.2	16.2	-
	1200	230/460	215T	HVW5V3E?	\$1,747	\$1,862	16.3	175	90.2	14.0/7.0	-
7-1/2	1800	200	213T	HVW7V2H?	\$1,405	\$1,520	14.8	160	91.7	21.1	-
	1800	200	213T	HVW7V2H	\$1,405	-	14.8	160	91.7	21.1	-
	1800	230/460	213T	HVW7V2E?	\$1,301	\$1,416	14.8	160	91.7	18.5/9.3	-
	1800	575	213T	HVW7V2G?	\$1,405	\$1,520	14.8	160	91.7	21.1	-

Note: Items in bold font are normally stocked; other motors are assembled to order

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Ready Line™ Cooling Tower Duty, Three Phase, Totally Enclosed Air Over (TEAO), NEMA Premium[†], Inverter Duty, 10:1 (6-60Hz Variable Torque), 2-100 HP



CTNI

APPLICATIONS:

Designed to meet manufacturer's requirements for use directly in the air stream in Cooling Tower, Evaporative Condenser and other commercial and industrial applications requiring protection from harsh operating conditions with up to 100% humidity.

List A: For mounting positions F1, F2, C1, C2, W1, W2. List B: For mounting positions W5, W6, W7, W8.

HP	RPM	Voltage	Frame	Catalog Number	List A	List B	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
7-1/2	1800	575	213T	HVW7V2G?	\$1,496	\$1,611	14.8	160	91.7	7.5	-
	1200	200	254T	HVW7V3H?	\$2,599	\$2,744	20.4	300	91.0	21.5	-
	1200	230/460	254T	HVW7V3E?	\$2,407	\$2,552	20.4	300	91.0	18.6/9.3	-
	1200	575	254T	HVW7V3G?	\$2,768	\$2,913	20.4	300	91.0	7.5	-
10	1800	200	215T	HVW10V2H?	\$1,663	\$1,778	16.3	175	91.7	27.3	-
	1800	230/460	215T	HVW10V2E?	\$1,540	\$1,655	16.3	175	91.7	23.8/11.9	-
	1800	575	215T	HVW10V2G?	\$1,771	\$1,886	16.3	180	91.7	9.6	-
	1200	200	256T	HVW10V3H?	\$3,077	\$3,222	22.1	340	91.0	28.3	-
	1200	230/460	256T	HVW10V3E?	\$2,849	\$2,994	22.1	360	91.7	24.5/12.3	-
	1200	575	256T	HVW10V3G?	\$3,276	\$3,421	22.1	340	91.0	9.8	-
15	1800	200	254T	HVW15V2H?	\$2,387	\$2,532	20.4	300	92.4	42.0	-
	1800	200	254T	HVW15V2H	\$2,387	-	20.4	300	92.4	42.0	-
	1800	230/460	254T	HVW15V2E?	\$2,210	\$2,355	20.4	300	92.4	37.0/18.4	-
	1800	575	254T	HVW15V2G?	\$2,542	\$2,687	20.4	300	92.4	14.4	-
	1200	200	284T	HVW15V3H?	\$4,416	\$4,601	23.3	385	91.7	43.0	-
	1200	230/460	284T	HVW15V3E?	\$4,089	\$4,274	23.3	390	91.7	37.0/18.6	-
	1200	575	284T	HVW15V3G?	\$4,703	\$4,888	23.3	385	91.7	14.8	-
20	1800	200	256T	HVW20V2H?	\$2,731	\$2,876	22.1	360	93.0	54.0	-
	1800	200	256T	HVW20V2H	\$2,731	-	22.1	360	93.0	54.0	-
	1800	230/460	256T	HVW20V2E?	\$2,529	\$2,674	22.1	360	93.0	47.0/23.7	-
	1800	575	256T	HVW20V2G?	\$2,908	\$3,053	22.1	360	93.0	19.1	-
	1200	200	286T	HVW20V3H?	\$5,052	\$5,237	24.8	420	91.7	56.0	-
	1200	230/460	286T	HVW20V3E?	\$4,678	\$4,863	24.8	420	91.7	49.0/24.5	-
	1200	575	286T	HVW20V3G?	\$5,380	\$5,565	24.8	420	91.7	19.6	-
25	1800	200	284T	HVW25V2H?	\$3,708	\$3,893	23.3	390	93.6	67.0	-
	1800	230/460	284T	HVW25V2E?	\$3,433	\$3,618	23.3	390	93.6	60.0/29.8	-
	1800	575	284T	HVW25V2G?	\$3,948	\$4,133	23.3	390	93.6	23.3	-
	1200	200	324T	HVW25V3H?	\$6,859	\$7,094	27.3	555	93.0	68.0	-
	1200	230/460	324T	HVW25V3E?	\$6,351	\$6,586	27.3	555	93.0	59.0/29.3	-
	1200	575	324T	HVW25V3G?	\$7,304	\$7,539	27.3	590	93.0	23.6	-
30	1800	200	286T	HVW30V2H?	\$3,915	\$4,100	24.8	440	93.6	79.0	-
	1800	230/460	286T	HVW30V2E?	\$3,625	\$3,810	24.8	440	93.6	69.0/34.0	-
	1800	575	286T	HVW30V2G?	\$4,168	\$4,353	24.8	440	93.6	27.6	-
	1200	200	326T	HVW30V3H?	\$7,242	\$7,477	28.3	610	93.0	80.0	-
	1200	230/460	326T	HVW30V3E?	\$6,705	\$6,940	28.3	610	93.0	70.0/35.0	-
	1200	575	326T	HVW30V3G?	\$7,711	\$7,946	28.3	610	93.0	28.2	-
40	1800	200	324T	HVW40V2H?	\$4,942	\$5,177	27.3	600	94.1	105.0	-
	1800	230/460	324T	HVW40V2E?	\$4,576	\$4,811	27.3	600	94.1	92.0/46.0	-
	1800	575	324T	HVW40V2G?	\$5,263	\$5,498	27.3	600	94.1	37.0	-
	1200	200	364T	HVW40V3H?	\$9,143	\$9,403	29.4	800	94.1	107.0	-
	1200	230/460	364T	HVW40V3E?	\$8,466	\$8,726	29.4	800	94.1	93.0/46.0	-
	1200	575	364T	HVW40V3G?	\$9,736	\$9,996	29.4	800	94.1	37.0	-

Note: Items in bold font are normally stocked; other motors are assembled to order

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GENERAL INFORMATION
HVACR
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INDEX

Ready Line™ Cooling Tower Duty, Three Phase, Totally Enclosed Air Over (TEAO), NEMA Premium[†], Inverter Duty, 10:1 (6-60Hz Variable Torque), 2-100 HP



CTNI

APPLICATIONS:

Designed to meet manufacturer's requirements for use directly in the air stream in Cooling Tower, Evaporative Condenser and other commercial and industrial applications requiring protection from harsh operating conditions with up to 100% humidity.

List A: For mounting positions F1, F2, C1, C2, W1, W2. List B: For mounting positions W5, W6, W7, W8.

HP	RPM	Voltage	Frame	Catalog Number	List A	List B	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
50	1800	200	326T	HVW50V2H?	\$5,768	\$6,003	28.3	625	94.5	130.0	-
	1800	230/460	326T	HVW50V2E?	\$5,341	\$5,576	28.3	625	94.5	112.0/56.0	-
	1800	575	326T	HVW50V2G?	\$6,142	\$6,377	28.3	625	94.5	45.0	-
	1200	200	365T	HVW50V3H?	\$10,670	\$10,930	30.4	890	94.1	134.0	-
	1200	230/460	365T	HVW50V3E?	\$9,880	\$10,140	30.4	925	94.1	116.0/58.0	-
	1200	575	365T	HVW50V3G?	\$11,362	\$11,622	30.4	925	94.1	46.0	-
60	1800	200	364T	HVW60V2H?	\$7,727	\$7,987	29.4	830	95.0	159.0	-
	1800	230/460	364T	HVW60V2E?	\$7,154	\$7,414	29.4	830	95.0	137.0/69.0	-
	1800	575	364T	HVW60V2G?	\$8,228	\$8,488	29.4	830	95.0	55.0	-
	1200	200	404T	HVW60V3H?	\$14,294	\$14,644	32.4	1160	94.5	161.0	-
	1200	230/460	404T	HVW60V3E?	\$13,236	\$13,586	32.4	1200	94.5	140.0/70.0	-
	1200	575	404T	HVW60V3G?	\$15,221	\$15,571	32.4	1200	94.5	56.0	-
75	1800	200	365T	HVW75V2H?	\$8,967	\$9,227	30.4	910	95.4	193.0	-
	1800	230/460	365T	HVW75V2E?	\$8,303	\$8,563	30.4	920	95.4	169.0/84.0	-
	1800	575	365T	HVW75V2G?	\$9,548	\$9,808	30.4	900	95.4	68.0	-
	1200	200	405T	HVW75V3H?	\$16,589	\$16,939	33.9	1260	94.5	201.0	-
	1200	230/460	405T	HVW75V3E?	\$15,360	\$15,710	33.9	1260	94.5	173.0/87.0	-
	1200	575	405T	HVW75V3G?	\$17,664	\$18,014	33.9	1260	94.5	70.0	-
100	1800	200	405T	HVW100V2H?	\$13,410	\$13,760	33.9	1260	95.4	261.0	-
	1800	230/460	405T	HVW100V2E?	\$12,417	\$12,767	33.9	1260	95.4	226.0/113.0	-
	1800	575	405T	HVW100V2G?	\$14,279	\$14,629	33.9	1260	95.4	91.0	-
	1200	200	444T	HVW100V3H?	\$24,808	\$25,208	37.9	1635	95.0	284.0	-
	1200	230/460	444T	HVW100V3E?	\$22,971	\$23,371	37.9	1635	95.0	248.0/124.0	-
	1200	575	444T	HVW100V3G?	\$26,416	\$26,816	37.9	1660	95.0	99.0	-

Note: Items in bold font are normally stocked; other motors are assembled to order

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Ready Line™ Cooling Tower Duty, Three Phase, Totally Enclosed Air Over (TEAO), Premium Efficient, 2-Speed, 1-Winding



CTEN

APPLICATIONS:

Designed to meet manufacturer's requirements for use directly in the air stream in Cooling Tower, Evaporative Condenser and other commercial and industrial applications requiring protection from harsh operating conditions with up to 100% humidity.

FEATURES:

- Pulse Endurance "Tough Coat" INVERTER GRADE® Motors
- Double Dip & Bake, 100% Solids, Polyester Insulation On Windings
- Class F Insulation, 40°C Ambient
- Cast Iron Frame
- VBXX® by InproSeal on "wet" end for vertical mounting positions
- Double-Sealed, same-size bearings both ends
- Corrosion Resistant Mill and Chemical Duty Paint
- Sealed Bracket-to-Frame Registers & Leads
- Stainless Steel Nameplate & Zinc Plated Hardware
- 1.15 Service Factor
- NEMA® Design B Performance on 60 Hertz Sine Wave Power

Option List Prices: Add motor & required options list prices, then use applicable multiplier to calculate net price.

Options	Frame Size								
	140	180	210	250	280	320	360	400	440
Space Heater	\$220	\$275	\$300	\$410	\$430	\$450	\$470	\$500	\$510
Thermistor	\$490	\$490	\$490	\$490	\$490	\$490	\$490	\$490	\$490
Shaft Grounding	Refer to Emerson								

List A: For mounting positions F1, F2, C1, C2, W1, W2. List B: For mounting positions W5, W6, W7, W8.

HP HP (Low)	RPM/RPM Low (# Windings)	Voltage	Frame	Catalog Number	List A	List B	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
2 (1/2)	1800/900 (1)	200	145T	HVW2PL9H?	\$877	\$952	-	70	84.0	4.1/6.4	-
	1800/900 (1)	460	145T	HVW2PL9C?	\$812	\$887	-	70	84.0	1.9/2.8	-
	1800/900 (1)	575	145T	HVW2PL9G?	\$934	\$1,009	-	70	84.0	1.4/2.2	-
	1200/600 (1)	200	215T	HVW2PL36H?	\$1,429	\$1,544	16.3	175	-	-	-
	1200/600 (1)	460	215T	HVW2PL36C?	\$1,323	\$1,438	16.3	150	85.5	2.0/3.1	-
	1200/600 (1)	575	215T	HVW2PL36G?	\$1,522	\$1,637	16.3	175	86.5	1.6/2.5	-
3 (3/4)	1800/900 (1)	200	182T	HVW3PL9H?	\$1,320	\$1,425	12.7	100	86.5	4.0/9.7	-
	1800/900 (1)	460	182T	HVW3PL9C?	\$1,222	\$1,327	12.7	100	85.5	1.8/4.5	-
	1800/900 (1)	575	182T	HVW3PL9G?	\$1,406	\$1,511	12.7	100	84.0	1.5/3.5	-
	1200/600 (1)	200	215T	HVW3PL36H?	\$2,151	\$2,266	16.3	175	85.5	5.2/9.7	-
	1200/600 (1)	460	215T	HVW3PL36C?	\$1,992	\$2,107	16.3	175	66.0	4.2/2.3	-
	1200/600 (1)	575	215T	HVW3PL36G?	\$2,291	\$2,406	16.3	175	85.5	1.8/3.4	-
5 (1-1/4)	1800/900 (1)	200	184T	HVW5PL9H?	\$1,377	\$1,482	13.7	100	86.5	6.4/16.2	-
	1800/900 (1)	460	184T	HVW5PL9C?	\$1,275	\$1,380	13.7	110	86.5	2.6/6.6	-
	1800/900 (1)	575	184T	HVW5PL9G?	\$1,466	\$1,571	13.7	110	86.5	2.0/5.2	-
	1200/600 (1)	200	254T	HVW5PL36H?	\$2,244	\$2,389	20.4	300	87.5	6.9/17.7	-
	1200/600 (1)	460	254T	HVW5PL36C?	\$2,078	\$2,223	20.4	300	88.5	3.4/7.2	-
	1200/600 (1)	460	254T	HVW5PL36C	\$2,078	-	20.4	300	88.5	3.4/7.2	-
	1200/600 (1)	575	254T	HVW5PL36G?	\$2,390	\$2,535	20.4	320	87.5	2.8/5.9	-
7-1/2 (1-3/4)	1800/900 (1)	200	213T	HVW7PL9H?	\$1,897	\$2,012	14.8	160	87.5	8.9/23.6	-
	1800/900 (1)	460	213T	HVW7PL9C?	\$1,756	\$1,871	14.8	160	88.5	3.6/9.5	-
	1800/900 (1)	460	213T	HVW7PL9C	\$1,756	-	14.8	160	88.5	3.6/9.5	-
	1800/900 (1)	575	213T	HVW7PL9G?	\$2,020	\$2,135	14.8	150	88.5	2.8/7.4	-
	1200/600 (1)	200	256T	HVW7PL36H?	\$3,091	\$3,236	22.1	340	90.2	14.9/23.4	-
	1200/600 (1)	460	256T	HVW7PL36C?	\$2,862	\$3,007	22.1	340	88.5	7.6/11.0	-
	1200/600 (1)	575	256T	HVW7PL36G?	\$3,291	\$3,436	22.1	340	90.2	6.1/8.8	-

Note: Items in bold font are normally stocked; other motors are assembled to order

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Please contact customer service for ordering and pricing information. 866-298-2482**

Ready Line™ Cooling Tower Duty, Three Phase, Totally Enclosed Air Over (TEAO), Premium Efficient, 2-Speed, 1-Winding



APPLICATIONS:

Designed to meet manufacturer's requirements for use directly in the air stream in Cooling Tower, Evaporative Condenser and other commercial and industrial applications requiring protection from harsh operating conditions with up to 100% humidity.

List A: For mounting positions F1, F2, C1, C2, W1, W2. List B: For mounting positions W5, W6, W7, W8.

HP HP (Low)	RPM/RPM Low (# Windings)	Voltage	Frame	Catalog Number	List A	List B	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
10 (2-1/2)	1800/900 (1)	200	215T	HVW10PL9H?	\$2,245	\$2,360	16.3	200	88.5	10.8/28.3	-
	1800/900 (1)	460	215T	HVW10PL9C?	\$2,079	\$2,194	16.3	190	88.5	4.9/12.9	-
	1800/900 (1)	460	215T	HVW10PL9C	\$2,079	-	16.3	190	88.5	4.9/12.9	-
	1800/900 (1)	575	215T	HVW10PL9G?	\$2,391	\$2,506	16.3	200	90.2	3.8/9.9	-
	1200/600 (1)	200	284T	HVW10PL36H?	\$3,659	\$3,844	23.3	380	87.5	14.5/40.0	-
	1200/600 (1)	460	284T	HVW10PL36C?	\$3,388	\$3,573	23.3	385	88.5	5.8/14.9	-
	1200/600 (1)	575	284T	HVW10PL36G?	\$3,896	\$4,081	23.3	380	89.5	4.6/11.4	-
15 (3-3/4)	1800/900 (1)	200	254T	HVW15PL9H?	\$3,223	\$3,368	20.4	310	91.0	16.8/43.0	-
	1800/900 (1)	460	254T	HVW15PL9C?	\$2,984	\$3,129	20.4	310	91.0	7.6/19.3	-
	1800/900 (1)	460	254T	HVW15PL9C	\$2,984	-	20.4	310	91.0	7.6/19.3	-
	1800/900 (1)	575	254T	HVW15PL9G?	\$3,432	\$3,577	20.4	310	91.0	6.1/15.4	-
	1200/600 (1)	200	286T	HVW15PL36H?	\$5,252	\$5,437	24.8	410	90.2	21.8/43.0	-
	1200/600 (1)	460	286T	HVW15PL36C?	\$4,863	\$5,048	24.8	410	90.2	7.6/18.9	-
	1200/600 (1)	575	286T	HVW15PL36G?	\$5,592	\$5,777	24.8	410	91.0	9.9/16.0	-
20 (5)	1800/900 (1)	200	256T	HVW20PL9H?	\$3,687	\$3,832	22.1	360	91.0	21.3/56.0	-
	1800/900 (1)	200	256T	HVW20PL9H	\$3,687	-	22.1	360	91.0	21.3/56.0	-
	1800/900 (1)	460	256T	HVW20PL9C?	\$3,414	\$3,559	22.1	360	91.0	9.1/24.1	-
	1800/900 (1)	460	256T	HVW20PL9C	\$3,414	-	22.1	360	91.0	9.1/24.1	-
	1800/900 (1)	575	256T	HVW20PL9G?	\$3,926	\$4,071	22.1	360	91.0	7.2/19.2	-
	1200/600 (1)	200	324T	HVW20PL36H?	\$6,008	\$6,243	27.3	555	91.0	20.6/55.0	-
	1200/600 (1)	460	324T	HVW20PL36C?	\$5,563	\$5,798	27.3	555	90.2	9.1/24.1	-
	1200/600 (1)	575	324T	HVW20PL36G?	\$6,397	\$6,632	27.3	555	90.2	7.2/19.3	-
25 (6-1/4)	1800/900 (1)	200	286T	HVW25PL9H?	\$5,005	\$5,190	24.8	430	92.4	25.5/68.0	-
	1800/900 (1)	460	286T	HVW25PL9C?	\$4,635	\$4,820	24.8	430	92.4	11.1/29.6	-
	1800/900 (1)	460	286T	HVW25PL9C	\$4,635	-	24.8	430	92.4	11.1/29.6	-
	1800/900 (1)	575	286T	HVW25PL9G?	\$5,330	\$5,515	24.8	430	92.4	9.0/23.8	-
	1200/600 (1)	200	326T	HVW25PL36H?	\$8,157	\$8,392	28.3	600	91.7	33.0/69.0	-
	1200/600 (1)	460	326T	HVW25PL36C?	\$7,553	\$7,788	28.3	600	92.4	15.7/30.0	-
	1200/600 (1)	575	326T	HVW25PL36G?	\$8,685	\$8,920	28.3	600	92.4	12.7/24.1	-
30 (7-1/2)	1800/900 (1)	200	324T	HVW30PL9H?	\$5,285	\$5,520	27.3	605	92.4	30.0/81.0	-
	1800/900 (1)	460	324T	HVW30PL9C?	\$4,893	\$5,128	27.3	605	92.4	12.6/35.0	-
	1800/900 (1)	575	324T	HVW30PL9G?	\$5,627	\$5,862	27.3	605	93.0	10.5/28.1	-
	1200/600 (1)	200	364T	HVW30PL36H?	\$8,612	\$8,872	29.4	790	92.4	32.0/90.0	-
	1200/600 (1)	460	364T	HVW30PL36C?	\$7,974	\$8,234	29.4	790	92.4	14.0/41.0	-
	1200/600 (1)	575	364T	HVW30PL36G?	\$9,170	\$9,430	29.4	790	92.4	11.3/33.0	-
	40 (10)	1800/900 (1)	200	326T	HVW40PL9H?	\$6,672	\$6,907	28.3	620	93.0	39.0/106.0
1800/900 (1)		460	326T	HVW40PL9C?	\$6,178	\$6,413	28.3	620	93.0	16.7/46.0	-
1800/900 (1)		575	326T	HVW40PL9G?	\$7,105	\$7,340	28.3	620	92.4	13.3/37.0	-
1200/600 (1)		200	364T	HVW40PL36H?	\$10,873	\$11,133	29.4	875	91.7	41.0/126.0	-
1200/600 (1)		460	364T	HVW40PL36C?	\$10,068	\$10,328	29.4	875	91.7	17.8/54.0	-
1200/600 (1)		575	364T	HVW40PL36G?	\$11,578	\$11,838	29.4	875	91.0	14.3/43.0	-

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Ready Line™ Cooling Tower Duty, Three Phase, Totally Enclosed Air Over (TEAO), Premium Efficient, 2-Speed, 1-Winding



CTEN

APPLICATIONS:

Designed to meet manufacturer's requirements for use directly in the air stream in Cooling Tower, Evaporative Condenser and other commercial and industrial applications requiring protection from harsh operating conditions with up to 100% humidity.

List A: For mounting positions F1, F2, C1, C2, W1, W2. List B: For mounting positions W5, W6, W7, W8.

HP HP (Low)	RPM/RPM Low (# Windings)	Voltage	Frame	Catalog Number	List A	List B	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
50 (12-1/2)	1800/900 (1)	200	364T	HVV50PL9H?	\$7,787	\$8,047	29.4	830	93.6	45.0/136.0	-
	1800/900 (1)	460	364T	HVV50PL9C?	\$7,210	\$7,470	29.4	830	93.6	21.3/59.0	-
	1800/900 (1)	575	364T	HVV50PL9G?	\$8,291	\$8,551	29.4	830	93.6	15.7/47.0	-
	1200/600 (1)	200	365T	HVV50PL36H?	\$12,689	\$12,949	30.4	900	92.4	55.0/144.0	-
	1200/600 (1)	460	365T	HVV50PL36C?	\$11,749	\$12,009	30.4	900	93.0	22.9/61.0	-
	1200/600 (1)	575	365T	HVV50PL36G?	\$13,512	\$13,772	30.4	890	92.4	18.3/49.0	-
60 (15)	1800/900 (1)	200	365T	HVV60PL9H?	\$10,431	\$10,691	30.4	925	93.6	56.0/158.0	-
	1800/900 (1)	460	365T	HVV60PL9C?	\$9,658	\$9,918	30.4	925	94.1	24.9/69.0	-
	1800/900 (1)	460	365T	HVV60PL9C	\$9,658	-	30.4	925	94.1	24.9/69.0	-
	1800/900 (1)	575	365T	HVV60PL9G?	\$11,107	\$11,367	30.4	925	94.1	20.0/55.0	-
	1200/600 (1)	200	405T	HVV60PL36H?	\$16,999	\$17,349	33.9	1180	94.1	69.0/170.0	-
	1200/600 (1)	460	405T	HVV60PL36C?	\$15,740	\$16,090	33.9	1180	94.1	29.0/72.0	-
	1200/600 (1)	575	405T	HVV60PL36G?	\$18,101	\$18,451	33.9	1180	94.1	23.0/58.0	-
75 (18-3/4)	1800/900 (1)	200	405T	HVV75PL9H?	\$12,106	\$12,456	33.9	1350	94.1	68.0/196.0	-
	1800/900 (1)	460	405T	HVV75PL9C?	\$11,209	\$11,559	33.9	1280	94.1	30.0/86.0	-
	1800/900 (1)	460	405T	HVV75PL9C	\$11,209	-	33.9	1280	94.1	30.0/86.0	-
	1800/900 (1)	575	405T	HVV75PL9G?	\$12,890	\$13,240	33.9	1350	94.1	24.1/69.0	-
	1200/600 (1)	200	444T	HVV75PL36H?	\$19,728	\$20,128	37.9	1640	93.6	74.0/201.0	-
	1200/600 (1)	460	444T	HVV75PL36C?	\$18,266	\$18,666	37.9	1640	93.6	33.0/88.0	-
	1200/600 (1)	575	444T	HVV75PL36G?	\$21,006	\$21,406	37.9	1640	93.6	26.4/71.0	-
100 (25)	1800/900 (1)	200	444T	HVV100PL9H?	\$18,103	\$18,503	37.9	1640	94.1	88.0/261.0	-
	1800/900 (1)	460	444T	HVV100PL9C?	\$16,762	\$17,162	37.9	1640	94.1	39.0/114.0	-
	1800/900 (1)	575	444T	HVV100PL9G?	\$19,277	\$19,677	37.9	1640	93.6	32.0/92.0	-
	1200/600 (1)	200	445T	HVV100PL36H?	\$29,502	\$29,902	40.0	1750	94.5	129.0/294.0	-
	1200/600 (1)	460	445T	HVV100PL36C?	\$27,317	\$27,717	40.0	1750	94.1	55.0/127.0	-
	1200/600 (1)	575	445T	HVV100PL36G?	\$31,414	\$31,814	40.0	1660	94.1	45.0/104.0	-

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Ready Line™ Cooling Tower Duty, Three Phase, Totally Enclosed Air Over (TEAO), Premium Efficient, 2-Speed, 2-Winding, 2-100 HP



APPLICATIONS:

Designed to meet manufacturer's requirements for use directly in the air stream in Cooling Tower, Evaporative Condenser and other commercial and industrial applications requiring protection from harsh operating conditions with up to 100% humidity.

FEATURES:

- Pulse Endurance "Tough Coat" INVERTER GRADE® Motors
- Double Dip & Bake, 100% Solids, Polyester Insulation On Windings
- Class F Insulation, 40°C Ambient
- Cast Iron Frame
- VBXX® by InproSeal on "wet" end for vertical mounting positions
- Double-Sealed, same-size bearings both ends
- Corrosion Resistant Mill and Chemical Duty Paint
- Sealed Bracket-to-Frame Registers & Leads
- Stainless Steel Nameplate & Zinc Plated Hardware
- 1.15 Service Factor
- Rotor Balance better than 0.08 in/sec
- NEMA® Design B Performance on 60 Hertz Sine Wave Power

Option List Prices: Add motor & required options list prices, then use applicable multiplier to calculate net price.

Options	Frame Size								
	140	180	210	250	280	320	360	400	440
Space Heater	\$220	\$275	\$300	\$410	\$430	\$450	\$470	\$500	\$510
Thermistor	\$490	\$490	\$490	\$490	\$490	\$490	\$490	\$490	\$490
Shaft Grounding	Refer to Emerson								

List A: For mounting positions F1, F2, C1, C2, W1, W2. List B: For mounting positions W5, W6, W7, W8.

HP HP (Low)	RPM/RPM Low (# Windings)	Voltage	Frame	Catalog Number	List A	List B	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
2 (1/2)	1800/900 (2)	200	184T	HVW2PK9H?	\$1,429	\$1,534	15.5	100	84	7.0/3.5	-
	1800/900 (2)	460	184T	HVW2PK9C?	\$1,323	\$1,428	15.5	100	84	3.4/1.7	-
	1800/900 (2)	575	184T	HVW2PK9G?	\$1,522	\$1,627	15.5	100	84	2.7/1.4	-
	1200/600 (2)	200	215T	HVW2PK36H?	\$1,981	\$2,096	19.1	220	82.5	8.3/5.0	-
	1200/600 (2)	460	215T	HVW2PK36C?	\$1,835	\$1,950	19.1	175	81.5	3.7/2.3	-
	1200/600 (2)	575	215T	HVW2PK36G?	\$2,110	\$2,225	19.1	220	82.5	2.8/1.8	-
3 (3/4)	1800/900 (2)	200	213T	HVW3PK9H?	\$2,151	\$2,266	17.6	110	87.5	9.2/9.3	-
	1800/900 (2)	460	213T	HVW3PK9C?	\$1,992	\$2,107	17.6	110	87.5	4.3/4.3	-
	1800/900 (2)	575	213T	HVW3PK9G?	\$2,291	\$2,406	17.6	110	86.5	3.5/3.5	-
	1200/600 (2)	200	254T	HVW3PK36H?	\$2,982	\$3,127	23.8	300	86.5	10.3/4.4	-
	1200/600 (2)	460	254T	HVW3PK36C?	\$2,761	\$2,906	23.8	300	85.5	4.3/2.1	-
	1200/600 (2)	575	254T	HVW3PK36G?	\$3,176	\$3,321	23.8	300	85.5	3.4/1.7	-
5 (1-1/4)	1800/900 (2)	200	215T	HVW5PK9H?	\$2,244	\$2,359	19.1	225	88.5	14.7/6.9	-
	1800/900 (2)	460	215T	HVW5PK9C?	\$2,078	\$2,193	19.1	175	87.5	6.6/4.3	-
	1800/900 (2)	575	215T	HVW5PK9G?	\$2,390	\$2,505	19.1	225	87.5	5.4/2.8	-
	1200/600 (2)	200	256T	HVW5PK36H?	\$3,111	\$3,256	25.5	360	86.5	16.4/8.0	-
	1200/600 (2)	460	256T	HVW5PK36C?	\$2,881	\$3,026	25.5	360	86.5	8.6/4.1	-
	1200/600 (2)	575	256T	HVW5PK36G?	\$3,313	\$3,458	25.5	360	86.5	6.9/3.2	-
7-1/2 (1-3/4)	1800/900 (2)	200	254T	HVW7PK9H?	\$3,091	\$3,236	23.8	340	91	21.8/8.8	-
	1800/900 (2)	460	254T	HVW7PK9C?	\$2,862	\$3,007	23.8	340	91.7	9.4/3.8	-
	1800/900 (2)	575	254T	HVW7PK9G?	\$3,291	\$3,436	23.8	340	91	7.5/2.9	-
	1200/600 (2)	200	284T	HVW7PK36H?	\$4,285	\$4,470	25.5	390	88.5	26.7/12.3	-
	1200/600 (2)	460	284T	HVW7PK36C?	\$3,968	\$4,153	25.5	390	87.5	12.2/5.7	-
	1200/600 (2)	575	284T	HVW7PK36G?	\$4,563	\$4,748	25.5	390	86.5	10.3/4.8	-

† All non-Emerson Electric Co. marks shown within this document are properties of their other respective owners

Ready Line™ Cooling Tower Duty, Three Phase, Totally Enclosed Air Over (TEAO), Premium Efficient, 2-Speed, 2-Winding, 2-100 HP



APPLICATIONS:

Designed to meet manufacturer's requirements for use directly in the air stream in Cooling Tower, Evaporative Condenser and other commercial and industrial applications requiring protection from harsh operating conditions with up to 100% humidity.

List A: For mounting positions F1, F2, C1, C2, W1, W2. List B: For mounting positions W5, W6, W7, W8.

HP HP (Low)	RPM/RPM Low (# Windings)	Voltage	Frame	Catalog Number	List A	List B	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
10 (2-1/2)	1800/900 (2)	200	256T	HVV10PK9H?	\$3,659	\$3,804	25.5	360	91.7	27.5/12	-
	1800/900 (2)	460	256T	HVV10PK9C?	\$3,388	\$3,533	25.5	360	91.7	12.0/5.2	-
	1800/900 (2)	575	256T	HVV10PK9G?	\$3,896	\$4,041	25.5	360	91.7	9.8/4.1	-
	1200/600 (2)	200	286T	HVV10PK36H?	\$5,072	\$5,257	27	440	88.5	29.9/12.6	-
	1200/600 (2)	460	286T	HVV10PK36C?	\$4,697	\$4,882	27	440	89.5	15.0/7.2	-
	1200/600 (2)	575	286T	HVV10PK36G?	\$5,401	\$5,586	27	440	89.5	11.3/5.5	-
15 (3-3/4)	1800/900 (2)	200	284T	HVV15PK9H?	\$5,252	\$5,437	25.5	390	91	44/16.1	-
	1800/900 (2)	460	284T	HVV15PK9C?	\$4,863	\$5,048	25.5	390	92.4	24.3/8.9	-
	1800/900 (2)	575	284T	HVV15PK9G?	\$5,592	\$5,777	25.5	400	92.4	14.8/5.6	-
	1200/600 (2)	200	324T	HVV15PK36H?	\$7,281	\$7,516	30.6	600	90.2	43/17.3	-
	1200/600 (2)	460	324T	HVV15PK36C?	\$6,742	\$6,977	30.6	600	89.5	18.8/7.5	-
	1200/600 (2)	575	324T	HVV15PK36G?	\$7,753	\$7,988	30.6	600	89.5	15.0/5.9	-
20 (5)	1800/900 (2)	200	286T	HVV20PK9H?	\$6,008	\$6,193	27	440	92.4	56/20.4	-
	1800/900 (2)	460	286T	HVV20PK9C?	\$5,563	\$5,748	27	440	92.4	24.3/8.9	-
	1800/900 (2)	460	286T	HVV20PK9C	\$5,563	-	27	440	92.4	24.3/8.9	-
	1800/900 (2)	575	286T	HVV20PK9G?	\$6,397	\$6,582	27	440	91.7	20.4/7.7	-
	1200/600 (2)	200	326T	HVV20PK36H?	\$8,329	\$8,564	30.6	610	91	62/24.2	-
	1200/600 (2)	460	326T	HVV20PK36C?	\$7,712	\$7,947	30.6	610	91	26.1/10.9	-
25 (6-1/4)	1200/600 (2)	575	326T	HVV20PK36G?	\$8,869	\$9,104	30.6	610	90.2	20.2/8.3	-
	1800/900 (2)	200	324T	HVV25PK9H?	\$8,157	\$8,392	30.6	600	91.7	71/28	-
	1800/900 (2)	460	324T	HVV25PK9C?	\$7,553	\$7,788	30.6	600	92.4	31/11.2	-
	1800/900 (2)	575	324T	HVV25PK9G?	\$8,685	\$8,920	30.6	610	92.4	24.0/8.2	-
	1200/600 (2)	200	364T	HVV25PK36H?	\$11,308	\$11,568	32.6	810	91.7	73/31	-
	1200/600 (2)	460	364T	HVV25PK36C?	\$10,471	\$10,731	32.6	810	91	35/13.0	-
30 (7-1/2)	1200/600 (2)	575	364T	HVV25PK36G?	\$12,041	\$12,301	32.6	810	91	26.7/11.0	-
	1800/900 (2)	200	326T	HVV30PK9H?	\$8,612	\$8,847	30.6	625	92.4	81/30	-
	1800/900 (2)	460	326T	HVV30PK9C?	\$7,974	\$8,209	30.6	625	93.6	36/15.2	-
	1800/900 (2)	460	326T	HVV30PK9C	\$7,974	-	30.6	625	93.6	36/15.2	-
	1800/900 (2)	575	326T	HVV30PK9G?	\$9,170	\$9,405	30.6	625	93	29.3/11.4	-
	1200/600 (2)	200	365T	HVV30PK36H?	\$11,939	\$12,199	33.6	925	91.7	86/32	-
40 (10)	1200/600 (2)	460	365T	HVV30PK36C?	\$11,055	\$11,315	33.6	925	90.2	38/14.4	-
	1200/600 (2)	575	365T	HVV30PK36G?	\$12,713	\$12,973	33.6	810	91	32/11.7	-
	1800/900 (2)	200	364T	HVV40PK9H?	\$10,873	\$11,133	32.6	810	92.4	118/38	-
	1800/900 (2)	460	364T	HVV40PK9C?	\$10,068	\$10,328	32.6	820	93	50/18.5	-
	1800/900 (2)	460	364T	HVV40PK9C?	\$10,068	\$10,328	32.6	820	93	50/18.5	-
	1800/900 (2)	460	364T	HVV40PK9C	\$10,068	-	32.6	820	93	50/18.5	-
50 (12-1/2)	1200/600 (2)	200	404T	HVV40PK36H?	\$15,074	\$15,424	36.1	1050	92.4	126/45	-
	1200/600 (2)	460	404T	HVV40PK36C?	\$13,958	\$14,308	36.1	1050	91	50/18.9	-
	1200/600 (2)	575	404T	HVV40PK36G?	\$16,051	\$16,401	36.1	925	91.7	42/15.8	-
	1800/900 (2)	200	365T	HVV50PK9H?	\$12,689	\$12,949	33.6	925	93.6	136/47	-
	1800/900 (2)	460	365T	HVV50PK9C?	\$11,749	\$12,009	33.6	925	94.5	58/22.5	-
	1800/900 (2)	575	365T	HVV50PK9G?	\$13,512	\$13,772	33.6	925	93.6	47/15.7	-

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Please contact customer service for ordering and pricing information. 866-298-2482

Ready Line™ Cooling Tower Duty, Three Phase, Totally Enclosed Air Over (TEAO), Premium Efficient, 2-Speed, 2-Winding, 2-100 HP



APPLICATIONS:

Designed to meet manufacturer's requirements for use directly in the air stream in Cooling Tower, Evaporative Condenser and other commercial and industrial applications requiring protection from harsh operating conditions with up to 100% humidity.

List A: For mounting positions F1, F2, C1, C2, W1, W2. List B: For mounting positions W5, W6, W7, W8.

HP HP (Low)	RPM/RPM Low (# Windings)	Voltage	Frame	Catalog Number	List A	List B	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
50 (12-1/2)	1200/600 (2)	200	405T	HVV50PK36H?	\$17,592	\$17,942	37.7	1260	93	146/59	-
	1200/600 (2)	460	405T	HVV50PK36C?	\$16,289	\$16,639	37.7	1260	92.4	63/26.8	-
	1200/600 (2)	575	405T	HVV50PK36G?	\$18,732	\$19,082	37.7	1080	92.4	51/22.2	-
60 (15)	1800/900 (2)	200	405T	HVV60PK9H?	\$16,999	\$17,349	37.7	1260	94.5	170/58	-
	1800/900 (2)	460	405T	HVV60PK9C?	\$15,740	\$16,090	37.7	1260	94.5	74/26.5	-
	1800/900 (2)	575	405T	HVV60PK9G?	\$18,101	\$18,451	37.7	1260	94.5	59/21.9	-
	1200/600 (2)	200	444T	HVV60PK36H?	\$23,567	\$23,967	43.4	1660	93	178/61	-
	1200/600 (2)	460	444T	HVV60PK36C?	\$21,821	\$22,221	43.4	1660	92.4	76/28.1	-
	1200/600 (2)	575	444T	HVV60PK36G?	\$25,094	\$25,494	43.4	1260	91	64/22.7	-
75 (18-3/4)	1800/900 (2)	200	405T	HVV75PK9H?	\$19,728	\$20,078	37.7	1350	94.5	205/74	-
	1800/900 (2)	460	405T	HVV75PK9C?	\$18,266	\$18,616	37.7	1660	94.5	89/30	-
	1800/900 (2)	575	405T	HVV75PK9G?	\$21,006	\$21,356	37.7	1660	94.5	71/25.1	-
	1200/600 (2)	200	445T	HVV75PK36H?	\$27,350	\$27,750	45.4	1750	93.6	255/92	-
	1200/600 (2)	460	445T	HVV75PK36C?	\$25,324	\$25,724	45.4	1750	94.1	105/42	-
	1200/600 (2)	575	445T	HVV75PK36G?	\$29,122	\$29,522	45.4	1750	93.6	89/35	-
100 (25)	1800/900 (2)	200	445T	HVV100PK9H?	\$29,502	\$29,902	45.4	1750	94.5	280/91	-
	1800/900 (2)	460	445T	HVV100PK9C?	\$27,317	\$27,717	45.4	1750	94.5	115/38	-
	1800/900 (2)	575	445T	HVV100PK9G?	\$31,414	\$31,814	45.4	1750	94.5	94/32	-
	1200/600 (2)	200	447T	HVV100PK36H?	\$40,900	\$41,300	48.9	2100	93.6	303/145	-
	1200/600 (2)	460	447T	HVV100PK36C?	\$37,871	\$38,271	48.9	2100	94.1	139/66	-
	1200/600 (2)	575	447T	HVV100PK36G?	\$43,551	\$43,951	48.9	1675	94.1	111/55	-

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Cooling Tower Duty, Three Phase, Totally Enclosed Fan Cooled (TEFC) Energy Efficient, Single Speed



APPLICATIONS:

Designed to meet manufacturer's requirements for use outside the airstream in Cooling Tower, Evaporative Condenser and other commercial and industrial applications requiring protection from harsh operating conditions.

FEATURES:

- Pulse Endurance "Tough Coat" INVERTER GRADE® Motors
- Class F Insulation, 40°C Ambient
- Cast Iron Frame (140: Rolled Steel), Cast Iron End Brackets
- Corrosion Resistant Mill & Chemical Duty Paint
- Stainless Steel Nameplate & Zinc Plated Hardware
- Forsheda V-Ring On Pulley End For IP54 Protection
- Double Dip & Bake 100% Solids Insulation On Windings
- 1.15 Service Factor
- Double Sealed Bearings, Condensation Drains w/Plastic Plugs, Gasketed C/B
- Designed For Horizontal or Vertical (Shaft Up) Mounting (Horizontal Lifting Lugs 180 Frame & Up; Vertical Lifting Lugs Available As Conversion)
- External Umbrella-Type Seal For W8 (Shaft Up) Mounting
- Sealed Bracket-to-Frame Registers & Leads (Lead-Positioning Gasket w/Sealant 140-250 Frame; Potted Leads 280 Frame & Up)
- F2 Assembly Position Standard (F1 Available As Conversion)
- NEMA® Design B Performance on 60 Hertz Sine Wave Power

HP	RPM	Voltage	Frame	Catalog Number	List	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full LoadAmps	Notes
2	1800	200	145T	HW2E2H2	\$574	1.15	13.1	70	84	6.9	-
	1800	230/460	145T	HW2E2E	\$531	1.15	13.1	70	84	5.9/2.9	59
	1800	230/460	145T	HW2E2E2	\$531	1.15	13.1	70	84	5.9/2.9	-
	1800	575	145T	HW2E2G2	\$611	1.15	13.1	70	84	2.4	-
3	1800	200	182T	HW3E2H2	\$864	1.15	14.5	100	87.5	9.1	-
	1800	230/460	182T	HW3E2E2	\$800	1.15	14.5	100	87.5	7.9/4	-
	1800	575	182T	HW3E2G2	\$920	1.15	14.5	100	87.5	3.2	-
5	1800	200	184T	HW5E2H2	\$901	1.15	15.5	110	87.5	14.6	-
	1800	230/460	184T	HW5E2E2	\$834	1.15	15.5	110	87.5	12.7/6.3	-
	1800	575	184T	HW5E2G2	\$960	1.15	15.5	110	87.5	5.1	-
	1200	200	215T	HW5E3H2	\$1,733	1.15	19.1	175	87.5	16.9	-
	1200	230/460	215T	HW5E3E2	\$1,605	1.15	19.1	175	88.5	14.1/7.1	-
	1200	575	215T	HW5E3G2	\$1,845	1.15	19.1	175	87.5	5.8	-
7-1/2	1800	200	213T	HW7E2H2	\$1,241	1.15	17.6	160	89.5	21.5	-
	1800	230/460	213T	HW7E2E2	\$1,149	1.15	17.6	160	91	18.6/9.3	-
	1800	575	213T	HW7E2G2	\$1,322	1.15	17.6	160	90.2	7.6	-
	1200	200	254T	HW7E3H2	\$2,387	1.15	23.8	300	89.5	22	-
	1200	230/460	254T	HW7E3E2	\$2,210	1.15	23.8	300	89.5	19.1/9.6	-
	1200	575	254T	HW7E3G2	\$2,542	1.15	23.8	300	89.5	7.6	-
10	1800	200	215T	HW10E2H2	\$1,469	1.15	19.1	175	89.5	28.3	-
	1800	230/460	215T	HW10E2E2	\$1,360	1.15	19.1	175	91	24.6/12.3	-
	1800	575	215T	HW10E2G2	\$1,565	1.15	19.1	175	89.5	9.9	-
	1200	200	256T	HW10E3H2	\$2,826	1.15	25.5	340	89.5	29.2	-
	1200	230/460	256T	HW10E3E2	\$2,616	1.15	25.5	340	89.5	25.5/12.7	-
	1200	575	256T	HW10E3G2	\$3,009	1.15	25.5	340	89.5	10.5	-
15	1800	200	254T	HW15E2H2	\$2,109	1.15	23.8	300	91	42	-
	1800	230/460	254T	HW15E2E2	\$1,953	1.15	23.8	300	91	37/18.5	-
	1800	575	254T	HW15E2G2	\$2,246	1.15	23.8	300	91	14.7	-
	1200	200	284T	HW15E3H2	\$4,056	1.15	25.5	380	90.2	43	-
	1200	230/460	284T	HW15E3E2	\$3,756	1.15	25.5	380	90.2	38/18.8	-
	1200	575	284T	HW15E3G2	\$4,319	1.15	25.5	380	90.2	15	-
20	1800	200	256T	HW20E2H2	\$2,413	1.15	25.5	360	91	56	-
	1800	230/460	256T	HW20E2E2	\$2,234	1.15	25.5	360	91	50/24.9	-
	1800	575	256T	HW20E2G2	\$2,569	1.15	25.5	360	91	19.5	-

Note 59 F1 Assembly Position

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Cooling Tower Duty, Three Phase, Totally Enclosed Fan Cooled (TEFC) Energy Efficient, Single Speed



APPLICATIONS:

Designed to meet manufacturer's requirements for use outside the airstream in Cooling Tower, Evaporative Condenser and other commercial and industrial applications requiring protection from harsh operating conditions.

HP	RPM	Voltage	Frame	Catalog Number	List	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full LoadAmps	Notes
20	1200	200	286T	HW20E3H2	\$4,640	1.15	27.0	410	91	58	-
	1200	230/460	286T	HW20E3E2	\$4,296	1.15	27.0	410	90.2	49/24.8	-
	1200	575	286T	HW20E3G2	\$4,941	1.15	27.0	410	90.2	19.9	-
25	1800	200	284T	HW25E2H2	\$3,276	1.15	25.5	390	92.4	69	-
	1800	230/460	284T	HW25E2E2	\$3,033	1.15	25.5	390	92.4	60/29.9	-
	1800	575	284T	HW25E2G2	\$3,488	1.15	25.5	390	92.4	23.6	-
	1200	200	324T	HW25E3H2	\$6,299	1.15	30.6	600	91.7	69	-
	1200	230/460	324T	HW25E3E2	\$5,833	1.15	30.6	600	91.7	60/29.8	-
	1200	575	324T	HW25E3G2	\$6,708	1.15	30.6	600	91.7	23.8	-
	30	1800	200	286T	HW30E2H2	\$3,458	1.15	27.0	440	92.4	82
1800		230/460	286T	HW30E2E2	\$3,202	1.15	27.0	440	92.4	71/36	-
1800		575	286T	HW30E2G2	\$3,683	1.15	27.0	440	92.4	28.7	-
1200		200	326T	HW30E3H2	\$6,651	1.15	30.6	675	91.7	82	-
1200		230/460	326T	HW30E3E2	\$6,158	1.15	30.6	610	91.7	71/36	-
1200		575	326T	HW30E3G2	\$7,082	1.15	30.6	675	91.7	28.4	-
40	1800	200	324T	HW40E2H2	\$4,367	1.15	30.6	600	93	106	-
	1800	230/460	324T	HW40E2E2	\$4,043	1.15	30.6	600	93	92/46	-
	1800	575	324T	HW40E2G2	\$4,650	1.15	30.6	600	93	37	-
	1200	200	364T	HW40E3H2	\$8,397	1.15	32.6	875	94.1	106	-
	1200	230/460	364T	HW40E3E2	\$7,775	1.15	32.6	875	94.1	92/46	-
	1200	575	364T	HW40E3G2	\$8,942	1.15	32.6	875	94.1	37	-
50	1800	200	326T	HW50E2H2	\$5,096	1.15	30.6	610	93	131	-
	1800	230/460	326T	HW50E2E2	\$4,718	1.15	30.6	610	93.6	113/57	-
	1800	575	326T	HW50E2G2	\$5,426	1.15	30.6	610	93.6	45	-
	1200	200	365T	HW50E3H2	\$9,800	1.15	32.6	875	94.1	132	-
	1200	230/460	365T	HW50E3E2	\$9,074	1.15	32.6	900	94.1	114/57	-
60	1800	200	364T	HW60E2H2	\$6,827	1.15	32.6	825	94.1	161	-
	1800	230/460	364T	HW60E2E2	\$6,321	1.15	32.6	825	93.6	141/71	-
	1800	575	364T	HW60E2G2	\$7,269	1.15	32.6	825	94.1	56	-
	1200	230/460	404T	HW60E3E2	\$12,156	1.15	36.1	1160	93.6	141/70	-
75	1800	200	365T	HW75E2H2	\$7,922	1.15	32.6	910	94.1	197	-
	1800	230/460	365T	HW75E2E2	\$7,336	1.15	32.6	910	94.1	170/85	-
	1800	575	365T	HW75E2G2	\$8,436	1.15	32.6	910	94.5	68	-
100	1800	200	405T	HW100E2H2	\$11,848	1.15	37.6	1250	95	265	-
	1800	230/460	405T	HW100E2E2	\$10,970	1.15	37.6	1260	94.5	227/113	-

Note 59 F1 Assembly Position

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Cooling Tower Duty, Three Phase Totally Enclosed Air Over (TEAO), Single Speed



APPLICATIONS:

Designed to meet manufacturer's requirements for use directly in the airstream in Cooling Tower, Evaporative Condenser and other commercial and industrial applications requiring protection from harsh operating conditions.

FEATURES:

- Pulse Endurance "Tough Coat" INVERTER GRADE® Motors
- Class F Insulation, 40°C Ambient
- Cast Iron Frame (140: Rolled Steel), Cast Iron End Brackets
- Corrosion Resistant Mill & Chemical Duty Paint
- Stainless Steel Nameplate & Zinc Plated Hardware
- Forsheda V-Ring On Pulley End For IP54 Protection
- Double Dip & Bake 100% Solids Insulation On Windings
- 1.15 Service Factor
- Double Sealed Bearings, Condensation Drains w/Plastic Plugs, Gasketed C/B
- Designed For Horizontal or Vertical (Shaft Up or Shaft Down) Mounting - Horizontal & Vertical Lifting Lugs 180 Frame & Up
- External Umbrella-Type Seal For W8/W5 (Shaft Up/Shaft Down) Mounting
- Sealed Bracket-to-Frame Registers & Leads (Lead-Positioning Gasket w/Sealant 140-250 Frame; Potted Leads 280 Frame & Up)
- F1 Assembly Position Standard (F2 Available As Conversion)
- NEMA^{®†} Design B Performance on 60 Hertz Sine Wave Power

HP	RPM	Voltage	Frame	Catalog Number	List	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
1	900	200	182T	HVV1E4H	\$1,350	1.15	12.7	100	77	4.5	-
	900	230/460	182T	HVV1E4B	\$1,300	1.15	12.7	100	77	4.3/2.2	-
	900	575	182T	HVV1E4G	\$1,500	1.15	12.7	100	77	1.7	-
2	1800	200	145T	HVV2E2H	\$591	1.15	11.5	70	84	6.9	-
	1800	230/460	145T	HVV2E2B	\$547	1.15	11.5	70	84	5.9/2.9	-
	1800	575	145T	HVV2E2G	\$629	1.15	11.5	70	84	2.4	-
	1200	230/460	184T	HVV2E3B	\$1,053	1.15	13.7	110	86.5	6.1/3.1	-
	900	200	213T	HVV2E4H	\$1,559	1.15	14.8	160	82.5	8.7	-
	900	230/460	213T	HVV2E4B	\$1,402	1.15	14.8	160	82.5	7.6/3.8	-
3	900	575	213T	HVV2E4G	\$1,660	1.15	14.8	160	82.5	3	-
	1800	200	182T	HVV3E2H	\$890	1.15	12.7	100	87.5	9.1	-
	1800	230/460	182T	HVV3E2B	\$824	1.15	12.7	100	87.5	7.9/4	-
	1800	575	182T	HVV3E2G	\$947	1.15	12.7	100	87.5	3.2	-
	1200	200	213T	HVV3E3H	\$1,711	1.15	14.8	160	87.5	10.6	-
	1200	230/460	213T	HVV3E3B	\$1,584	1.15	14.8	160	87.5	9.1/4.5	-
5	1200	575	213T	HVV3E3G	\$1,822	1.15	14.8	160	87.5	3.7	-
	1800	200	184T	HVV5E2H	\$928	1.15	13.7	110	87.5	14.6	-
	1800	230/460	184T	HVV5E2B	\$860	1.15	13.7	110	87.5	12.7/6.3	-
	1800	575	184T	HVV5E2G	\$988	1.15	13.7	110	88.5	5	-
	1200	200	215T	HVV5E3H	\$1,785	1.15	16.3	175	87.5	16.9	-
	1200	230/460	215T	HVV5E3B	\$1,653	1.15	16.3	175	87.5	14.6/7.3	-
7-1/2	1200	575	215T	HVV5E3G	\$1,901	1.15	16.3	175	87.5	5.8	-
	1800	200	213T	HVV7E2H	\$1,279	1.15	14.8	160	91	21.5	-
	1800	230/460	213T	HVV7E2B	\$1,184	1.15	14.8	160	91	18.6/9.3	-
	1800	575	213T	HVV7E2G	\$1,361	1.15	14.8	160	90.2	7.6	-
	1200	200	254T	HVV7E3H	\$2,459	1.15	20.4	300	89.5	22	-
	1200	230/460	254T	HVV7E3B	\$2,277	1.15	20.4	300	89.5	19.1/9.6	-
10	1200	575	254T	HVV7E3G	\$2,618	1.15	20.4	300	89.5	7.6	-
	1800	200	215T	HVV10E2H	\$1,513	1.15	16.3	175	91	28.3	-
	1800	230/460	215T	HVV10E2B	\$1,401	1.15	16.3	175	91	24.6/12.3	-
	1800	575	215T	HVV10E2G	\$1,611	1.15	16.3	175	91	9.9	-
	1200	200	256T	HVV10E3H	\$2,910	1.15	22.1	340	89.5	29.2	-
	1200	230/460	256T	HVV10E3B	\$2,695	1.15	22.1	340	89.5	25.5/12.7	-
	1200	575	256T	HVV10E3G	\$3,099	1.15	22.1	340	89.5	10.5	-

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Cooling Tower Duty, Three Phase Totally Enclosed Air Over (TEAO), Single Speed



APPLICATIONS:

Designed to meet manufacturer's requirements for use directly in the airstream in Cooling Tower, Evaporative Condenser and other commercial and industrial applications requiring protection from harsh operating conditions.

HP	RPM	Voltage	Frame	Catalog Number	List	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
15	1800	200	254T	HVV15E2H	\$2,172	1.15	20.4	300	91.7	42	-
	1800	230/460	254T	HVV15E2B	\$2,011	1.15	20.4	300	91	37/18.6	-
	1800	575	254T	HVV15E2G	\$2,313	1.15	20.4	300	91	14.7	-
	1200	200	284T	HVV15E3H	\$4,178	1.15	23.3	380	90.2	43	-
	1200	230/460	284T	HVV15E3B	\$3,868	1.15	23.3	380	90.2	38/18.9	-
	1200	575	284T	HVV15E3G	\$4,448	1.15	23.3	380	90.2	15	-
20	1800	200	256T	HVV20E2H	\$2,485	1.15	22.1	360	91.7	56	-
	1800	230/460	256T	HVV20E2B	\$2,301	1.15	22.1	360	91	50/24.9	-
	1800	575	256T	HVV20E2G	\$2,646	1.15	22.1	360	91.7	19.5	-
	1200	200	286T	HVV20E3H	\$4,779	1.15	24.8	410	90.2	58	-
	1200	230/460	286T	HVV20E3B	\$4,425	1.15	24.8	410	90.2	50/24.9	-
	1200	575	286T	HVV20E3G	\$5,089	1.15	24.8	410	90.2	20.2	-
25	1800	200	284T	HVV25E2H	\$3,374	1.15	23.3	350	92.4	69	-
	1800	230/460	284T	HVV25E2B	\$3,124	1.15	23.3	390	92.4	60/29.9	-
	1800	575	284T	HVV25E2G	\$3,593	1.15	23.3	390	92.4	23.6	-
	1200	200	324T	HVV25E3H	\$6,488	1.15	27.3	600	91.7	69	-
	1200	230/460	324T	HVV25E3B	\$6,008	1.15	27.3	600	91.7	60/29.8	-
	1200	575	324T	HVV25E3G	\$6,909	1.15	27.3	600	91.7	23.8	-
30	1800	200	286T	HVV30E2H	\$3,562	1.15	24.8	440	92.4	82	-
	1800	230/460	286T	HVV30E2B	\$3,298	1.15	24.8	440	92.4	71/36	-
	1800	575	286T	HVV30E2G	\$3,793	1.15	24.8	440	92.4	28.7	-
	1200	200	326T	HVV30E3H	\$6,850	1.15	27.3	675	91.7	82	-
	1200	230/460	326T	HVV30E3B	\$6,343	1.15	27.3	675	91.7	71/36	-
	1200	575	326T	HVV30E3G	\$7,294	1.15	27.3	675	91.7	28.4	-
40	1800	200	324T	HVV40E2H	\$4,498	1.15	27.3	600	93	106	-
	1800	230/460	324T	HVV40E2B	\$4,164	1.15	27.3	600	93	92/46	-
	1800	575	324T	HVV40E2G	\$4,789	1.15	27.3	600	93	37	-
	1200	200	364T	HVV40E3G	\$9,210	1.15	29.4	875	94.1	106	-
	1200	230/460	364T	HVV40E3B	\$8,009	1.15	29.4	875	94.1	92/46	-
	1200	575	364T	HVV40E3G	\$8,009	1.15	29.4	875	94.1	92/46	-
50	1800	200	326T	HVV50E2H	\$5,249	1.15	27.3	610	93.6	130	-
	1800	230/460	326T	HVV50E2B	\$4,860	1.15	27.3	610	93.6	113/57	-
	1800	575	326T	HVV50E2G	\$5,589	1.15	27.3	610	93.6	45	-
	1200	200	365T	HVV50E3H	\$10,094	1.15	29.4	875	94.5	131	-
	1200	230/460	365T	HVV50E3B	\$9,346	1.15	29.4	900	94.1	114/57	-
	1200	575	365T	HVV50E3G	\$9,346	1.15	29.4	900	94.1	114/57	-
60	1800	200	364T	HVV60E2H	\$7,031	1.15	29.4	825	94.1	161	-
	1800	230/460	364T	HVV60E2B	\$6,510	1.15	29.4	825	94.1	139/70	-
	1800	575	364T	HVV60E2G	\$7,487	1.15	29.4	825	94.1	56	-
	1200	230/460	404T	HVV60E3B	\$12,520	1.15	32.4	1160	93.6	141/70	-
75	1800	200	365T	HVV75E2H	\$8,160	1.15	29.4	910	94.5	197	-
	1800	230/460	365T	HVV75E2B	\$7,556	1.15	29.4	910	94.1	170/85	-
	1800	575	365T	HVV75E2G	\$8,689	1.15	29.4	910	94.5	68	-
100	1800	230/460	405T	HVV100E2B	\$11,299	1.15	33.9	1250	94.5	227/113	-
	1200	230/460	444T	HVV100E3B	\$21,729	1.15	37.9	1660	94.5	255/127	-

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Cooling Tower Duty

Minimum Air Velocities & Conversion/Modification Options

Minimum Air Velocity Required for TEAO Models

Horsepower	Velocity (FPM) 4 Pole	Velocity (FPM) 6 Pole	Horsepower	Velocity (FPM) 4 Pole	Velocity (FPM) 6 Pole
2	1000	580	25	1500	950
3	1000	600	30	1600	1000
5	1054	700	40	1700	1100
7.5	1023	650	50	1800	1150
10	975	600	60	1800	1150
15	1500	650	75	2000	1300
20	1700	850	100	2000	1300

Note: Use 1/2 of these velocities for 8 Pole (900 RPM). Use the above velocities for 50 Hz motors (Customer to make adjustments for lower motor speed in order to maintain fan speed).

Conversion Options

(Performed on Standard Stock Models at Southaven, MS Conversion Center)

The following conversions apply to and may be required for normally stocked Energy Efficient Cooling Tower duty motors only. Premium Efficient and Inverter Duty (Ready Line™ Assembly) Cooling Tower duty motors are assembled to order for any specific mounting position and with any of the specified options.

Rotate Conduit Box Lead Opening

- Standard is 6 o'clock (toward feet)
- Specify desired direction of lead opening (12 o'clock, 3 o'clock or 9 o'clock)
- Refer to the Conversion & Accessories section for pricing and additional information.

Configure for Specific Mounting Position

- Move Conduit Box if necessary
- Add or Move Lifting Lugs
- Pull Drain Plugs at Lowest Point
- Re-Nameplate
- Refer to the Conversion & Accessories section for pricing and additional information.

Mounting Position Options

Mounting Position	Conduit Box Position	Shaft	TEFC	TEAO
F1	F1	Horiz./Floor	Conversion	Standard
F2	F2	Horiz./Floor	Standard	Conversion
W5	F2	Vertical/Up	Conversion	Conversion
W6	F1	Vertical/Down	Not Available	Conversion
W7	F2	Vertical/Down	Not Available	Conversion
W8	F1	Vertical/Up	Conversion	Conversion
C1	F2	Horiz./Ceiling	Conversion	Conversion
C2	F1	Horiz./Ceiling	Conversion	Conversion

Modification Options

(Custom Built at Emerson Manufacturing Facility)

Due to the various seals employed, addition of Space Heaters, Winding Thermal Protection, and any option requiring intrusion into the motor frame must be completed at the time of manufacture. Ready Line™ Motors (Premium Efficient and Inverter Duty) can be assembled to order with any of these options.

Consult Emerson's Custom Motor Catalog (PB202) or www.usmotors.com for a complete listing of motor modification options and pricing.

Split Phase Carbonator Pump

Open Drip-proof

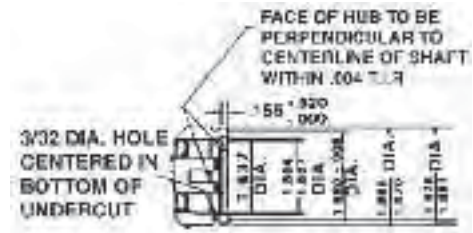
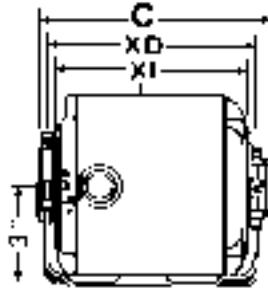


APPLICATIONS:

Specially designed end shield with extended hub and short slotted shaft for close coupling carbonator pump to motor.
Also can be used to meet manufacturer's requirements for liquid transfer pumps and other close coupling pump applications.

FEATURES:

- For Carbonator Duty Only
- 1.0 Service Factor
- Reversible Rotation
- Automatic Reset Thermal Overload Protector
- Threaded Conduit Hole
- Sleeve Bearings Have All Angle Thrust System
- Green Ground Lead
- Special Slotted Shaft



Catalog Number	List Price	HP	RPM	Volts	Bearings	NEMA Frame	Amps	Protector	Shell XI	Base XD	Total C	Ship Wgt.	Notes
1004	\$129	1/4	1725	115	Slv	48Y	4.6	Auto	6.5	6.9	7.7	15	
1004H	\$151	1/4	1725	230	Slv	48Y	2.3	Auto	6.5	6.9	7.7	15	
6001	\$152	1/4	1725	115/230	Slv	48Y	4.4/2.2	Auto	6.5	6.9	7.7	16	1
1003	\$126	1/3	1725	115	Slv	48Y	6.0	Auto	7.0	7.4	8.2	16	
6079	\$160	1/3	1725	115/230	Slv	48Y	6.2/3.1	Auto	7.5	7.9	8.8	16	1
6078	\$193	1/2	1725	115/230	Slv	48Y	7.5/3.6	Auto	7.5	7.9	8.7	17	1
6080	\$138	1/2	1725	115	Slv	48Y	7.8	Auto	7.5	7.9	8.7	17	
872	\$234	3/4	1725	115/230	Slv	48Y	9.8/4.9	Auto	8.5	9.0	9.7	20	1

Note 1 60/50 Hz

Split Phase Hot Water Circulating Pump Open Drip-proof



APPLICATIONS:

Designed to meet manufacturer's requirements for use on hot water circulating pumps.

FEATURES:

- Painted Red To Indicate Hot-Water Usage
- 40°C Ambient
- Reversible Rotation
- Resilient Hub Rings
- Special Balance For Quiet Operation
- Class B Insulation
- 1725 RPM
- Automatic Reset Thermal Overload Protector
- Sleeve Bearings Have All Angle Thrust System
- Units Match OEM Performance And Mechanical Features
- Sleeve Bearings Unless Noted

Split Phase, NEMA Frame 48YZ

Catalog Number	List Price	HP	Volts	Amps	Bolt Circle	Rings OC	SF	Rotation Shaft End	Ship Wgt.	Notes	Industry Numbers
3255	\$150	1/12	115	2.5	4.63	5.94	1.75	CW	10		111034, 805316-010
3266	\$143	1/12	115	2.2	--	5.94	1.40	Rev	9	LA	
3640	\$124	1/12	115	2.9	--	5.78	1.00	Rev	8	1, LA	
2736	\$240	1/8	115	2.7	4.63	--	1.00	Rev	12		
8994	\$94	1/8	115	4.0	--	7.00	1.40	CW	11	LA	
3256	\$166	1/6	115	3.8	4.63	6.94	1.75	CW	13		111061, 817025-005
3257	\$168	1/6	115	3.8	5.00	6.94	1.75	CW	14		111036, 111031, 817025-001
2762	\$128	1/6	115	3.5	--	7.63	1.35	CCW	21	LA	
2777	\$128	1/6	115	3.5	--	7.94-9.13	1.00	CCW	14	LA	
3740	\$199	1/6	115	2.9	--	6.50	1.00	Rev	18	1, LA	
3259	\$172	1/4	115	4.6	5.00	6.94	1.25	CW	15		111040, 817025-007, 111050
3260	\$258	1/3	115	6.0	5.86	6.94	1.30	CCW	15		169226, 816141-002, 169038

Capacitor Start, NEMA Frame 56YZ

Catalog Number	List Price	HP	Volts	Amps	Bolt Circle	Rings OC	SF	Rotation Shaft End	Ship Wgt.	Notes	Industry Numbers
3258	\$305	1/2	115/208-230	5.7/3.0-2.9	5.86	7.94	1.50	Rev	27	2	111044, 169228, 811757-001
3261	\$283	3/4	115/208-230	8.2/4.7-4.2	5.86	8.44	1.50	Rev	33	2	111047, 169230, 811757-002

Three Phase, Ball Bearing, C-Face, NEMA Frame 56CZ

Catalog Number	List Price	HP	Volts	Amps	Bolt Circle	Rings OC	SF	Rotation Shaft End	Ship Wgt.	Notes	Industry Numbers
3263	\$238	3/4	208-230/460	3.0-2.9/1.5	5.86	-	1.50	Rev	23	2, LA	111049, 169231, 831012-083
3264	\$267	1	208-230/460	3.7-3.6/1.8	5.86	-	1.40	Rev	25	2, LA	169090, 169233, 816676-069
3265	\$283	1-1/2	208-230/460	5.0-4.9/2.4	5.86	-	1.35	Rev	28	2, LA	169092, 169237, 816678-069

Note 1 Fits "Steel" Type Base
Note 2 Coupler assembly required for proper Bell & Gossett replacement

Note LA Limited Availability

Special Application Close Coupled Pump Three Phase

Open Dripproof (ODP) Energy Efficient



FD4

APPLICATIONS:

Designed to meet manufacturer's specific requirements of centrifugal pumps where the pump impeller is mounted directly on the motor shaft. Used where dirt and moisture are minimal.

FEATURES:

- Class F Insulation, Class B Rise At Service Factor
- Rolled Steel Frame
- Aluminum End Shields 140-250, Cast Iron End Shields 280-320
- Oversized Ball Bearings w/Locked Shaft End Construction
- Premasked Mylar Nameplate (with CE Mark)
- F1 Assembly Position
- Regreasable Bearings 180 Frame & Up, Lifting Provisions 210 Frame & Up
- Double Shielded Bearings
- 40C Ambient, NEMA[†] Design B Performance (4)
- "JP" Shaft For Packing Seal, "JM" Shaft For Mechanical Seal
- Full 50 & 60 Hertz Operating Data On Nameplate (3)
- Conversion Kits: Canopy Kits

JM Shaft — Footed

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
1	1800	208-230/460	143JM	DJ1E2DM	\$390	DS-3FPO	1.15	15.4	30	82.5	3.1-3.0/1.5	16
1-1/2	3600	208-230/460	143JM	DJ32E1DM	\$421	DS-3FPO	1.15	15.4	30	82.5	4.3-4/2	16
	1800	208-230/460	145JM	DJ32E2DM	\$401	DS-3FPO	1.15	15.4	35	84.0	4.5-4.4/2.2	16
	1800	575	145JM	DJ32E2GM	\$401	DS-3FPO	1.15	15.4	35	85.5	1.7	
2	3600	208-230/460	145JM	DJ2E1DM	\$449	DS-3FPO	1.15	15.4	35	84.0	5.6-5.1/2.5	16
	1800	208-230/460	145JM	DJ2E2DM	\$413	DS-3FPO	1.15	15.4	35	84.0	6.0/5.9/3	16
	1800	575	145JM	DJ2E2GM	\$413	DS-3FPO	1.15	15.4	35	84.0	2.4	
3	3600	208-230/460	145JM	DJ3E1DM	\$471	DS-3FPO	1.15	15.4	40	84.0	8.3-7.5/3.7	16
	1800	208-230/460	182JM	DJ3E2DM	\$486	DS-3FPO	1.15	17.4	50	86.5	8.6-8.4/4.2	16
	1800	575	182JM	DJ3E2GM	\$486	DS-3FPO	1.15	17.4	50	86.5	3.4	
5	3600	208-230/460	182JM	DJ5E1DM	\$615	DS-3FPO	1.15	17.4	64	85.5	14.0-12.7/6.4	16
	3600	575	182JM	DJ5E1GM	\$615	DS-3FPO	1.15	17.4	70	85.5	5.1	
	1800	208-230/460	184JM	DJ5E2DM	\$570	DS-3FPO	1.15	17.4	75	87.5	14.0-12.7/6.4	16
	1800	575	184JM	DJ5E2GM	\$570	DS-3FPO	1.15	17.4	75	87.5	5.1	
7-1/2	3600	208-230/460	184JM	DJ7E1DM	\$662	DS-3FPO	1.15	17.4	85	87.5	20.4-18.1/9.1	16
	3600	575	184JM	DJ7E1GM	\$662	DS-3FPO	1.15	17.4	85	88.5	7.2	
	1800	208-230/460	213JM	DJ7E2DM	\$756	DS-3FPO	1.15	17.8	113	88.5	21-19.2/9.6	16
	1800	575	213JM	DJ7E2GM	\$756	DS-3FPO	1.15	17.8	100	88.5	7.6	
10	3600	208-230/460	213JM	DJ10E1DM	\$922	DS-3FPO	1.15	17.8	110	88.5	27.5-25.3/12.6	16
	3600	575	213JM	DJ10E1GM	\$922	DS-3FPO	1.15	17.8	110	88.5	10.2	
	1800	208-230/460	215JM	DJ10E2DM	\$888	DS-3FPO	1.15	19.3	100	89.5	27.2-24.6/12.3	16
15	3600	208-230/460	215JM	DJ15E1DM	\$1,083	DS-3FPO	1.15	19.3	140	89.5	41-36/18.1	16
	1800	208-230/460	254JM	DJ15E2DM	\$1,176	DS-3FPO	1.15	24.6	160	91.0	41-38/19.0	16
	1800	575	254JM	DJ15E2GM	\$1,176	DS-3FPO	1.15	24.6	160	91.0	15.1	
20	3600	208-230/460	254JM	DJ20E1DM	\$1,381	DS-3FPO	1.15	24.6	170	90.2	54-47/23.6	16
	3600	575	254JM	DJ20E1GM	\$1,381	DS-3FPO	1.15	24.6	170	90.2	18.9	
	1800	208-230/460	256JM	DJ20E2DM	\$1,353	DS-3FPO	1.15	25.2	195	91.0	55-50/24.8	16
25	3600	208-230/460	256JM	DJ25E1DM	\$1,795	DS-3FPO	1.15	25.2	200	91.0	66-58/29	16
	1800	208-230/460	284JM	DJ25E2DM	\$2,062	DS-3FPO	1.15	25.8	210	92.4	66-60/30	16
	1800	575	284JM	DJ25E2GM	\$2,062	DS-3FPO	1.15	25.8	210	91.7	24.4	

Note 03 60/50 Hz rated with no derate on HP; 230/460 volt 60 Hz ratings operate on 190/380 volt 50 Hz, 460V 60 Hz ratings operate on 380V 50 Hz; Full 60 & 50 Hz data on Nameplate

Note 04 On 60 Hertz Sine Wave power

Note 16 Motors marked 208-230/460 volts may not meet all NEMA (MG-1) performance standards when operated at 208 volts

Note 17 Twelve leads for across-the-line or wye-delta start on either voltage, part winding start on lower voltage

† All non-Emerson Electric Co. marks shown within this document are properties of their other respective owners

Special Application Close Coupled Pump Three Phase Open Dripproof (ODP) Energy Efficient



FD4

APPLICATIONS:

Designed to meet manufacturer's specific requirements for centrifugal pumps where the pump impeller is mounted directly on the motor shaft. Used where dirt and moisture are minimal.

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
30	3600	208-230/460	284JM	DJ30E1DM	\$2,737	DS-3FPO	1.15	25.8	230	91.0	80-70/35	16
	3600	575	284JM	DJ30E1GM	\$2,737	DS-3FPO	1.15	25.8	230	91.0	27.9	
	1800	208-230/460	286JM	DJ30E2DM	\$2,372	DS-3FPO	1.15	25.8	280	92.4	78-71/35	16
	1800	575	286JM	DJ30E2GM	\$2,372	DS-3FPO	1.15	25.8	280	92.4	28.4	
40	3600	208-230/460	286JM	DJ40E1DM	\$3,010	DS-3FPO	1.15	25.8	320	91.7	103-90/45	16
	3600	575	286JM	DJ40E1GM	\$3,010	DS-3FPO	1.15	25.8	320	91.7	36.0	
	1800	230/460	324JM	DJ40E2EM	\$3,083	DS-3FPO	1.15	27.5	395	93.0	92/46	
50	3600	230/460	324JM	DJ50E1EM	\$4,139	DS-3FPO	1.15	27.5	400	92.4	58	
	1800	230/460	326JM	DJ50E2EM	\$3,546	DS-3FPO	1.15	27.5	450	93.0	114/57	17
	1800	575	326JM	DJ50E2GM	\$3,546	DS-3FPO	1.15	27.5	450	93.6	46	
60	3600	230/460	326JM	DJ60E1EM	\$4,760	DS-3FPO	1.15	27.5	460	93.0	136/68	17

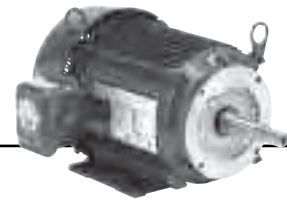
Note 03 60/50 Hz rated with no derate on HP; 230/460 volt 60 Hz ratings operate on 190/380 volt 50 Hz, 460V 60 Hz ratings operate on 380V 50 Hz;
Full 60 & 50 Hz data on Nameplate

Note 04 On 60 Hertz Sine Wave power

Note 16 Motors marked 208-230/460 volts may not meet all NEMA (MG-1) performance standards when operated at 208 volts

Note 17 Twelve leads for across-the-line or wye-delta start on either voltage, part winding start on lower voltage

Special Application Close Coupled Pump Three Phase Totally Enclosed Fan Cooled (TEFC) Standard Efficient



UT4

APPLICATIONS:

Designed to meet manufacturer's specific requirements for centrifugal pumps where the pump impeller is mounted directly on the motor shaft.
Used in damp, dusty or dirty environments.

FEATURES:

- Class F Insulation, Class B Rise At Full Load (4)
- Extruded Aluminum Frame (140: Rolled Steel)
- Aluminum End Shields With Steel Bearing Inserts
- 40C Ambient, NEMA[®] Design B Performance (4)
- Regreasable Shaft End Bearing 180 Frame & Up
- "CE" Mark On Nameplate
- Double Shielded Bearings
- Removable Base 180 Frame & Up
- Lifting Provisions 180 Frame & Up
- "JM" Shaft For Mechanical Seal
- Conversion Kits: Canopy Kits

JM Shaft — Footed

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
1	1800	200	143JM	UJ1S2HM	\$366	DS-3PT	1.25	14.3	40	78.5	3.9	
	1800	208-230/460	143JM	UJ1S2AM	\$366	DS-3PT	1.25	14.3	30	80.0	3.4-3.4/1.7	16
1-1/2	3600	208-230/460	143JM	UJ32S1AM	\$406	DS-3PT	1.25	14.3	35	78.5	4.6-4.0/2.0	16
	3600	575	143JM	UJ32S1GM	\$406	DS-3PT	1.15	14.3	35	80.0	1.7	
	1800	208-230/460	145JM	UJ32S2AM	\$387	DS-3PT	1.25	14.3	100	80.0	5.1-5.0/2.5	16
	1800	575	145JM	UJ32S2GM	\$387	DS-3PT	1.25	14.3	40	81.5	1.9	
2	3600	208-230/460	145JM	UJ2S1AM	\$432	DS-3PT	1.25	14.3	35	80.0	6.0/5.3/2.7	16
	3600	575	145JM	UJ2S1GM	\$432	DS-3PT	1.15	14.3	40	82.5	2.2	
	1800	200	145JM	UJ2S2HM	\$398	DS-3PT	1.25	14.3	46	81.5	6.9	
	1800	208-230/460	145JM	UJ2S2AM	\$398	DS-3PT	1.25	14.3	37	82.5	6.5-6.2/3.1	16
	1800	575	145JM	UJ2S2GM	\$398	DS-3PT	1.25	14.3	110	84.0	2.4	
3	3600	208-230/460	145JM	UJ3S1AFM	\$497	DS-3PT	1.25	14.3	45	82.5	8.5-7.5/3.8	16
	3600	200	182JM	UJ3S1HM	\$497	DS-3PT	1.25	17.8	54	78.5	9.7	
	3600	208-230/460	182JM	UJ3S1AM	\$497	DS-3PT	1.25	17.8	53	80.0	9.2-8.4/4.2	16
	3600	575	182JM	UJ3S1GM	\$497	DS-3PT	1.25	17.8	50	80.0	3.4	
	1800	200	182JM	UJ3S2HM	\$512	DS-3PT	1.25	17.8	61	82.5	10.7	
	1800	208-230/460	182JM	UJ3S2AM	\$512	DS-3PT	1.25	17.8	68	84.0	8.9-8.3/4.2	16
	1800	575	182JM	UJ3S2GM	\$512	DS-3PT	1.15	17.8	68	82.5	3.6	
	5	3600	200	184JM	UJ5S1HM	\$649	DS-3PT	1.25	17.8	70	84.0	14.7
7-1/2	3600	208-230/460	184JM	UJ5S1AM	\$649	DS-3PT	1.25	17.8	70	85.5	14.3-12.7/6.4	16
	3600	575	184JM	UJ5S1GM	\$649	DS-3PT	1.15	17.8	110	85.5	5.0	
	1800	200	184JM	UJ5S2HM	\$602	DS-3PT	1.25	17.8	70	84.0	15.4	
	1800	208-230/460	184JM	UJ5S2AM	\$602	DS-3PT	1.25	17.8	66	84.0	14.6-13.7/6.8	16
	1800	575	184JM	UJ5S2GM	\$602	DS-3PT	1.15	17.8	70	84.0	5.4	
	3600	200	184JM	UJ7S1HFM	\$728	DS-3PT	1.15	17.8	74	85.5	21.5	
	3600	230/460	184JM	UJ7S1BFM	\$728	DS-3PT	1.15	17.8	75	84.0	21.5-19/9.5	
	3600	575	184JM	UJ7S1GFM	\$728	DS-3PT	1.15	17.8	110	84.0	7.6	
MOTOR SELECTION GUIDE	3600	200	213JM	UJ7S1HM	\$850	DS-3PT	1.25	19.8	102	85.5	21.6	
	3600	208-230/460	213JM	UJ7S1AM	\$850	DS-3PT	1.25	19.8	102	86.5	21.6-19.4/9.7	16
	3600	575	213JM	UJ7S1GM	\$850	DS-3PT	1.25	19.8	102	87.5	7.3	
	1800	200	213JM	UJ7S2HM	\$797	DS-3PT	1.25	19.8	120	86.5	23.5	
	1800	208-230/460	213JM	UJ7S2AM	\$797	DS-3PT	1.25	19.8	110	85.5	21.9-20.8/10.4	16
	1800	575	213JM	UJ7S2GM	\$797	DS-3PT	1.15	19.8	180	86.5	8.1	

Note 04 On 60 Hertz Sine Wave power

Note 16 Motors marked 208-230/460 volts may not meet all NEMA (MG-1) performance standards when operated at 208 volts

† All non-Emerson Electric Co. marks shown within this document are properties of their other respective owners

Special Application Close Coupled Pump Three Phase Totally Enclosed Fan Cooled (TEFC) Standard Efficient



UT4

APPLICATIONS:

Designed to meet manufacturer's specific requirements for centrifugal pumps where the pump impeller is mounted directly on the motor shaft.
Used where dirt and moisture are minimal.

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
10	3600	200	215JM	UJ10S1HM	\$1,015	DS-3PT	1.25	21.3	129	88.5	27.7	
	3600	208-230/460	215JM	UJ10S1AM	\$1,015	DS-3PT	1.25	21.3	123	88.5	27.4-24.2/12.1	16
	3600	575	215JM	UJ10S1GM	\$1,015	DS-3PT	1.25	21.3	180	88.5	9.6	
	1800	200	215JM	UJ10S2HM	\$937	DS-3PT	1.25	21.3	121	88.5	30.0	
	1800	208-230/460	215JM	UJ10S2AM	\$937	DS-3PT	1.25	21.3	120	87.5	28.8-26.9/13.5	16
	1800	575	215JM	UJ10S2GM	\$937	DS-3PT	1.25	21.3	210	87.5	10.5	
15	3600	200-208	215JM	UJ15S1HFM	\$1,143	DS-3PT	1.25	22.3	150	87.5	41	
	3600	208-203/460	215JM	UJ15S1AFM	\$1,143	DS-3PT	1.25	22.3	140	88.5	41-36/18.0	16
	3600	575	215JM	UJ15S1GFM	\$1,143	DS-3PT	1.15	22.3	110	87.5	14.3	
	3600	200	254JM	UJ15S1HM	\$1,589	DS-3PT	1.25	25.4	194	89.5	41	
	3600	208-230/460	254JM	UJ15S1AM	\$1,589	DS-3PT	1.25	25.4	202	87.5	41-36/18.1	16
	3600	575	254JM	UJ15S1GM	\$1,589	DS-3PT	1.15	25.4	250	88.5	14.4	
	1800	200	254JM	UJ15S2HM	\$1,403	DS-3PT	1.25	25.4	190	88.5	43	
	1800	208-230/460	254JM	UJ15S2AM	\$1,403	DS-3PT	1.25	25.4	255	88.5	42-37/18.7	
1800	575	254JM	UJ15S2GM	\$1,403	DS-3PT	1.25	25.4	250	88.5	14.9		
20	3600	200	256JM	UJ20S1HM	\$2,026	DS-3PT	1.25	27.1	210	88.5	55	
	3600	208-230/460	256JM	UJ20S1AM	\$2,026	DS-3PT	1.25	27.1	225	88.5	55-48/24	
	3600	575	256JM	UJ20S1GM	\$2,026	DS-3PT	1.15	27.1	150	88.5	19.3	
	1800	200-208	256JM	UJ20S2FM	\$1,613	DS-3PT	1.2	27.1	248	89.5	56	
	1800	208-230/460	256JM	UJ20S2AM	\$1,613	DS-3PT	1.25	27.1	255	89.5	55-48/24	16
	1800	575	256JM	UJ20S2GM	\$1,613	DS-3PT	1.25	27.1	250	89.5	19.5	
25	3600	200-208	256JM	UJ25S1HFM	\$2,264	DS-3PT	1.25	27.1	235	88.5	54	
	3600	208-230/460	256JM	UJ25S1AFM	\$2,264	DS-3PT	1.25	27.1	186	89.5	67-59/29.4	16
	3600	575	256JM	UJ25S1GFM	\$2,264	DS-3PT	1.15	27.1	194	88.5	24.3	
	3600	200	284JM	UJ25S1HM	\$2,773	DS-3PT	1.25	27.6	274	88.5	67	
	3600	208-230/460	284JM	UJ25S1AM	\$2,773	DS-3PT	1.25	27.6	260	88.5	68-58/29.2	16
	1800	200	284JM	UJ25S2HM	\$2,318	DS-3PT	1.25	27.6	210	90.2	70	
	1800	208-230/460	284JM	UJ25S2AM	\$2,318	DS-3PT	1.25	27.6	290	91.0	61/31	16
	1800	575	284JM	UJ25S2GM	\$2,318	DS-3PT	1.15	27.6	300	91.0	24.5	
30	3600	200-208	286JM	UJ30S1HM	\$2,887	DS-3PT	1.25	29.1	318	90.2	80	
	3600	208-230/460	286JM	UJ30S1AM	\$2,887	DS-3PT	1.25	29.1	265	90.2	80-70/35	16
	3600	575	286JM	UJ30S1GM	\$2,887	DS-3PT	1.15	29.1	192	90.2	27.8	
	1800	208-230/460	286JM	UJ30S2AM	\$2,502	DS-3PT	1.25	29.1	268	90.2	83-73/37	16
	1800	575	286JM	UJ30S2GM	\$2,502	DS-3PT	1.15	29.1	310	91.0	29.4	

Note 04 On 60 Hertz Sine Wave power

Note 16 Motors marked 208-230/460 volts may not meet all NEMA (MG-1) performance standards when operated at 208 volts

Special Application Close Coupled Pump Three Phase Totally Enclosed Fan Cooled (TEFC) Premium Efficient



UTE4

APPLICATIONS:

Designed to meet manufacturer's specific requirements for centrifugal pumps where the pump impeller is mounted directly on the motor shaft. Used in damp, dusty or dirty environments.

FEATURES:

- Class F Insulation, Class B Rise At Full Load (4)
- Cast Iron Frame 280 & Up, Aluminum 180-250, Rolled Steel 140
- Cast Iron End Brackets 280 & Up, Aluminum With Steel Bearing Inserts
- 40C Ambient, NEMA®† Design B Performance (4)
- Regreasable Shaft End Bearing 180 Frame & Up
- Double Shielded Bearings
- Removable Base (180 - 250 Frame)
- Lifting Provisions 180 Frame & Up
- "JM" Shaft For Mechanical Seal
- "CE" Mark On Nameplate
- Conversion Kits: Canopy Kits

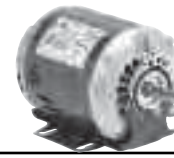
JM Shaft — Footed

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
1	1800	230/460	143JM	UJ1P2BM	\$421	DS-3PT	1.25	14.3	35	86.5	2.8/1.4	
1-1/2	3600	230/460	143JM	UJ32P1BM	\$467	DS-3PT	1.25	14.3	30	84.0	3.9/1.9	
	1800	230/460	145JM	UJ32P2BM	\$445	DS-3PT	1.25	14.3	42	86.5	4.2/2.1	
2	3600	575	145JM	UJ2P1GM	\$497	DS-3PT	1.15	14.3	45	85.5	2.0	
	1800	230/460	145JM	UJ2P2BM	\$458	DS-3PT	1.25	14.3	40	86.5	5.8/2.9	
3	3600	230/460	182JM	UJ3P1BM	\$571	DS-3PT	1.25	17.8	100	88.5	7.8/3.9	
	1800	230/460	182JM	UJ3P2BM	\$589	DS-3PT	1.25	17.8	40	89.5	8.0/4.0	
	1800	575	182JM	UJ3P2GM	\$589	DS-3PT	1.15	17.8	150	88.5	3.2	
5	3600	230/460	184JM	UJ5P1BM	\$747	DS-3PT	1.25	17.8	100	89.5	12.2/6.1	
	3600	575	184JM	UJ5P1GM	\$747	DS-3PT	1.15	17.8	150	87.5	4.9	
	1800	230/460	184JM	UJ5P2BM	\$692	DS-3PT	1.25	17.8	100	90.2	6.3/3.2	
	1800	575	184JM	UJ5P2GM	\$692	DS-3PT	1.15	17.8	150	88.5	5.0	
7-1/2	3600	230/460	213JM	UJ7P1BM	\$977	DS-3PT	1.25	19.8	120	91.7	17.9/8.9	
	3600	575	213JM	UJ7P1GM	\$977	DS-3PT	1.15	19.8	150	88.5	7.7	
	1800	230/460	213JM	UJ7P2BM	\$917	DS-3PT	1.25	19.8	120	91.7	18.3/9.2	
	1800	575	213JM	UJ7P2GM	\$917	DS-3PT	1.25	19.8	140	91.0	7.3	
10	3600	230/460	215JM	UJ10P1BM	\$1,167	DS-3PT	1.25	21.3	166	91.7	23.5/11.7	
	3600	575	215JM	UJ10P1GM	\$1,167	DS-3PT	1.15	21.3	180	89.5	9.7	
	1800	230/460	215JM	UJ10P2BM	\$1,077	DS-3PT	1.25	21.3	166	91.7	23.8/11.9	
	1800	575	215JM	UJ10P2GM	\$1,077	DS-3PT	1.15	21.3	180	91.0	9.5	
15	3600	230/460	254JM	UJ15P1BM	\$1,987	DS-3PT	1.25	25.4	220	91.7	36.0/17.7	
	3600	575	254JM	UJ15P1GM	\$1,987	DS-3PT	1.15	25.4	250	90.2	14.5	
	1800	230/460	254JM	UJ15P2BM	\$1,823	DS-3PT	1.25	25.4	220	93.0	37.0/18.4	
	1800	575	254JM	UJ15P2GM	\$1,823	DS-3PT	1.15	25.4	192	92.4	14.6	
20	3600	230/460	256JM	UJ20P1BM	\$2,533	DS-3PT	1.25	27.1	244	92.4	46/23	
	3600	575	256JM	UJ20P1GM	\$2,533	DS-3PT	1.15	27.1	220	90.2	18.9	
	1800	230/460	256JM	UJ20P2BM	\$2,097	DS-3PT	1.25	27.1	250	93.0	47/23.7	
	1800	575	256JM	UJ20P2GM	\$2,097	DS-3PT	1.15	27.1	196	93.0	19.6	
25	3600	230/460	284JM	HJ25P1BM	\$3,466	DS-3PT	1.15	27.0	350	92.4	60/30	
	1800	230/460	284JM	HJ25P2BM	\$3,013	DS-3PT	1.15	27.0	350	93.0	59/29.3	
30	3600	230/460	286JM	HJ30P1BM	\$3,609	DS-3PT	1.15	28.5	275	92.4	34.0	
	1800	230/460	286JM	HJ30P2BM	\$3,003	DS-3PT	1.15	28.5	475	94.1	69/35	

Note 04 On 60 Hertz Sine Wave power

† All non-Emerson Electric Co. marks shown within this document are properties of their other respective owners

General Purpose Single Phase Open Drip-proof (ODP), Split Phase, Resilient Base



APPLICATIONS:

Designed to meet manufacturer's requirements for commercial and industrial ventilation systems.

FEATURES:

- 40°C Ambient, 60 Hertz
- Reversible Rotation
- Continuous Duty
- Class A or B Insulation
- Sleeve Bearings Have All Angle Thrust System
- 56Z has 1/2" x 1-1/2" Shaft

Highlighted ratings typically available for immediate shipment

HP	RPM	Voltage	Frame	Catalog Number	List	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Amps	Notes
1/12	1800	115	42	D0112B2N429	\$130	1.40	7	9.8	3	25
1/6	1800	115/208-230	48	D16BA2J49	\$200	1.35	8	13	3.6/1.7-1.8	24
	1800	115	48Z	D16B2N4Z9	\$98	1.35	9	15	3.5	20, 25
	1200	115	48Z	D16B3N4Z9	\$159	1.35	10	17	4	20, 25
	1200	115	56Z	D16B3NZA9	\$147	1.35	9	18	4.6	25
	900	115	56	D16B4N9	\$265	1.35	9	29	5.9	21, 25
1/4	1800	115	48	D14B2N4A9	\$83	1.35	8	14	5.1	20, 25
	1800	115	48	D14B2N4A9S	\$82	1.00	9	14	5.4	20, 25
	1800	230	48	D14B2K4A9	\$92	1.335	9	15	2.2	25
	1800	115	48Z	D14B2N4Z9	\$108	1.35	9	14	5.1	20, 25
	1800	115	56Z	D14B2NZA9	\$100	1.00	9	15	5.4	20, 25
	1800	115	56Z	D14BA2NZ9	\$118	1.35	-	20	5.1	15, 24
	1200	115	56	D14B3N9	\$189	1.35	10	25	5.4	21, 25
	1200	208-230	56	7998	\$220	1.00	-	25	2.9	24
	900	115	56	D14B4N9	\$324	1.25	14	32	6.9	21, 25
1/3	3600	115	48	D13B1N49	\$114	1.35	10	15	5.3	25
	1800	115	48	D13B2N4A9	\$88	1.00	9	15	6.8	25
	1800	230	48	D13B2K4A9	\$97	1.00	9	15	3	25
	1800	115	48Z	D13B2N4Z9	\$120	1.35	9	16	6.5	20, 25
	1800	115	56Z	2876	\$147	1.00	9.4	18	6.0	15, 24, LA
	1800	115	56Z	D13B2NZA9	\$100	1.00	10	15	6	25
	1800	115	56Z	D13BA2NZ9	\$138	1.00	10	25	6.1	15, 24
	1200	115/230	56	D13B3P9	\$220	1.00	10	25	7.5/3.8	21, 25
1/2	1800	115	48	D12B2N49	\$156	1.353	10	18	8.8	25
	1800	115	56	6737	\$183	1.00	10	17	8.6	24
	1800	115	56	D12B2NA9	\$140	1.00	10	21	8.6	25
	1800	230	56	D12B2K9	\$148	1.00	9	21	4.6	25
	1800	115	56Z	D12B2NZA9	\$129	1.00	9	18	8.1	25
3/4	1800	115	56	D34B2N9	\$171	1.00	10	21	11	25

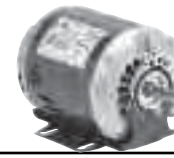
Note 15 Split Phase, sleeve bearings with 48/56 Frame: 48 Frame Motor diameter, 3.5" Shaft Height, 0.5" Shaft Diameter with flat, includes shaft adaptor for conversion to 5/8" Shaft

Note 20 Stud Extensions in 3 5/8" Square Pattern

Note 21 Stud Extensions in 4 3/16" Square Pattern
Note 24 Automatic Reset Thermal Overload Protector

Note 25 Non-protected
Note LA Limited Availability

General Purpose Single Phase Open Drip-proof (ODP), Split Phase, Resilient Base



APPLICATIONS:

Designed to meet manufacturer's requirements for commercial and industrial ventilation systems.

FEATURES:

- 40°C Ambient, 60 Hertz
- Reversible Rotation
- Continuous Duty
- Class A or B Insulation
- Sleeve Bearings Have All Angle Thrust System
- 56Z has 1/2" x 1-1/2" Shaft

Two Speed

Highlighted ratings typically available for immediate shipment

HP (HP Low)	RPM/RPM Low	Voltage	Frame	Catalog Number	List	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Amps	Notes
1/6 (1/18)	1800/1200	115	48	D16B10N4A9	\$111	1.35	9.0	15	3.9/2.8	25
	1800/1200	115	48Z	D16B10N4Z9	\$125	1.35	10.0	17	3.9/2.8	20, 25
1/4 (1/12)	1800/1200	115	48Z	D14B10N4Z9	\$158	1.35	10.0	17	4.7/2.2	20, 25
1/4 (1/10)	1200/900	115	56	D14B34N9	\$279	1.35	12.0	29	4.9/3.3	25, LA
1/4 (1/8)	1800/1200	115	48Y	D14B10N4A9	\$134	1.00	10.0	18	5.2/4.2	25
	1800/1200	115	56Z	D14B10NZA9	\$134	1.00	9.0	18	5.2/3.6	25
1/3 (1/9)	1800/1200	115	48	D13B10N4A9	\$133	1.00	10.0	19	6.4/4.0	20, 25
	1800/1200	115	56	D13B10N9	\$189	1.35	9.0	20	6.8/4.5	21, 25
	1800/1200	115	56Z	3053	\$190	1.00	10.0	19	7.1	25
	1800/1200	115	56Z	D13B10NZA9	\$147	1.00	9.0	19.8	6.8/4.5	25
1/2 (1/6)	1800/1200	115	56	3306	\$226	1.00	11.0	26	9.2	25
	1800/1200	115	56	D12B10N9	\$228	1.25	11.0	23	8.2/4.1	21, 25
	1800/1200	230	56	D12B10K9	\$237	1.25	11.0	23	5.0/3.1	21, 25
1/2 (1/4)	1800/1200	115	56	D12B10NA9	\$190	1.00	11.0	23	9.2/6.0	25
	1800/1200	230	56	D12B10KA9	\$198	1.00	11.0	23	4.6/3.0	25

Note 20 Stud Extensions in 3 5/8" Square Pattern
Note 21 Stud Extensions in 4 3/16" Square Pattern

Note 25 Non-protected
Note LA Limited Availability

General Purpose Single Phase Open Drip-proof (ODP), Split Phase, Rigid Base



APPLICATIONS:

Designed to meet manufacturer's requirements for commercial and industrial ventilation systems.

FEATURES:

- 40°C Ambient, 60 Hertz
- Reversible Rotation
- Continuous Duty
- Class A or B Insulation
- Sleeve Bearings Have All Angle Thrust System
- 56Z has 1/2" x 1-1/2" Shaft

Highlighted ratings typically available for immediate shipment

HP	RPM	Voltage	Frame	Catalog Number	List	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Amps	Notes
1/4	1800	110/220	48	D14BA2L4	\$125	1.00	9.0	15	4.7/2.3&5.5/2.7	24
	1800	115	48	D14B2N4A	\$79	1.00	9.0	14	5.4	25
	1800	115	48	D14BA2N4A	\$102	1.00	10.0	14	5.4	24
	1800	115/230	48	4117	\$156	1.00	9.0	16	6.2/3.1	24,60
	1800	115	48Z	D14B2N4Z	\$69	1.00	9.0	14	5.1	25
	1800	115	56Z	D14B2NZA	\$96	1.00	9.0	14	5.4	25,60
1/3	3600	115	48	D13B1N4	\$111	1.00	9.0	14	6.6	25
	1800	115	48	D13B2N4A	\$85	1.00	10.0	16	6.8	25
	1800	115	48	D13BA2N4A	\$113	1.00	9.0	16	6	25
	1800	115/230	48	4139	\$204	1.00	10.0	17	6.5/3.3 & 7.3/3.6	24, 60
	1800	230	48	D13BA2K4A	\$121	1.00	9.0	15	3	25
	1800	115	48Z	D13B2N4Z	\$71	1.00	10.0	14	5.9	25
	1800	115	56Z	2911	\$134	1.00	9.0	17	6.0	25
	1800	115	56Z	D13B2NZA	\$93	1.00	9.0	15	6	25
	1800	115	56Z	D13BA2NZ	\$129	1.00	9.0	15	6	24
1/2	3600	115	48	D12B1N4A	\$142	1.00	10.0	15	8.6	25
	1800	115/230	48	4141	\$200	1.00	11.0	26	8.2/4.1	24, 60, LA
	1800	115	48	D12B2N4	\$136	1.00	10.0	18	8.8	25
	1800	115	56	D12B2NA	\$136	1.00	9.0	20	8.6	25
	1800	115	56	D12BM2N	\$165	1.00	9.0	21	8.6	23
	1800	115	56Z	D12B2NZ	\$83	1.00	10.0	21	8.6	25
3/4	1800	115	56Z	D34B2NZ	\$102	1.00	11.0	24	11.3	25

Note 23 Manual Reset Thermal Overload Protector
 Note 24 Automatic Reset Thermal Overload Protector
 Note 25 Non-protected

Note 60 Capacitor Start
 Note LA Limited Availability

General Purpose Single Phase Open Drip-proof (ODP) Capacitor Start, Resilient Base



APPLICATIONS:

Designed to meet manufacturer's requirements for air compressors, pumps, conveyors, blowers and general industrial equipment.

FEATURES:

- Class A or B Insulation
- Reversible Rotation
- 40°C Ambient, 60 Hz
- Continuous Duty

Single Speed

Highlighted ratings typically available for immediate shipment

HP	RPM	Voltage	Frame	Catalog Number	List	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Amps	Notes
1/6	1200	115	48	3701	\$191	1.35	9.9	15	5.0	24
	900	115	48	3700	\$322	1.35	8.9	15	4.5	25
1/4	3600	115/208-230	48	D14CA1J49	\$157	1.25	10.1	15	5.6/2.6-2.8	24
	1800	115/230	48	6295	\$114	1.35	9.4	15	6.2/3.1	25
	1800	115/208-230	48	D14C2J49	\$114	1.35	9.4	15	7/3.3-3.5	25
	1800	115/230	56	6290	\$129	1.35	9.6	17	6.2/3.1	24
	1800	115/230	56	6291	\$146	1.35	10.4	21	2.8/1.4	25
	1200	115	48Y	3704	\$229	1.35	9.9	16	5.3	24
	1200	115/230	56	6305	\$196	1.35	10.7	25	6.2/3.1	24
	900	115	48	3703	\$378	1.35	10.4	23	5.9	25
1/3	3600	115/208-230	48	D13CA1J49	\$163	1.35	10	17	6/2.9-3.0	24
	3600	115/208-230	56	D13CA1J9	\$163	1.00	10.4	19	6/2.9-3.0	24
	1800	115/230	48	D13CA2P4A9	\$126	1.35	9.4	16	6.8/3.4	24
	1800	115/208-230	48	D13C2J49	\$135	1.35	9	16	8.8/3.9-4.4	25
	1800	115/230	48	4145	\$161	1.35	9.4	17	6.8/3.4	25
	1800	115/230	48	6300	\$145	1.35	8.9	21	6.5/3.3 & 7.3/3.6	25
	1800	115/230	56	1659	\$216	1.35	9.8	18	6.8/3.4	24, LA
	1800	115/230	56	6294	\$148	1.00	9.7	18	6.8/3.4	23, LA
	1800	115/230	56	2547	164	1.35	10.3	20	6.2/3.1	24
	1800	100-120/200-240	56	6312	\$170	1.35	10.9	20	4.3-4.3/2.2-2.2	24
	1800	115/208-230	56	D13C2J9	\$165	1.35	9.8	20	8.8/3.9-4.4	25
	1800	115/208-230	56	D13CA2J9	\$190	1.35	10.3	25	8.8/3.9-4.4	24
	1800	115/230	56	6292	\$176	1.35	10.3	22	6.5/3.3	25
	1200	115/208-230	56	D13CA3J9	\$270	1.35	11.3	27	6.8/3.4-3.4	24
	1200	115/230	56	3706	\$261	1.35	11.1	21	6.6/3.3	24
	1200	115/230	56	6306	\$236	1.35	10.8	27	7.4/3.7	25
900	115/230	56	3705	\$474	1.35	11.8	33	8.0/4.0	25	
1/2	3600	115/208-230	48	D12CA1J49	\$175	1.25	10.9	22	7.0/3.4-3.5	24
	3600	115/230	56	D12CA1J9	\$140	1.25	10.4	22	8.0/4.0	24
	1800	115/230	48	6301	\$146	1.25	9.9	22	8.2/4.1	25
	1800	115/230	48	6302	\$170	1.25	9.9	21	8.2/4.1	24
	1800	115/230	56	D12C2J9	\$185	1.25	10.4	22	9.9/4.5-4.9	25
	1800	115/230	56	1661	\$162	1.25	9.3	21	9.2/4.6	24, LA
	1800	100-120/200-240	56	6309	\$205	1.25	11.8	26	6.3-5.6/3.1-2.8	24
	1200	115/230	56	3709	\$352	1.25	10.8	28	11.0/5.5	24, LA

Note 18 Incorporates Run Capacitor
 Note 23 Manual Reset Thermal Overload Protector
 Note 24 Automatic Reset Thermal Overload Protector

Note 25 Non-protected
 Note LA Limited Availability

General Purpose Single Phase Open Drip-proof (ODP) Capacitor Start, Resilient Base



APPLICATIONS:

Designed to meet manufacturer's requirements for air compressors, pumps, conveyors, blowers and general industrial equipment.

Single Speed

HP	RPM	Voltage	Frame	Catalog Number	List	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Amps	Notes
1/2	1200	115/208-230	56	D12CA3J9	\$352	1.25	12.3	28	10.4/5.1-5.2	24
	1200	115/230	56	6310	\$274	1.25	10.2	28	10.3/5.2	25
	900	115/230	56	3708	\$534	1.15	13.5	45	8.6/4.3	18, 25, LA
3/4	3600	115/230	56	D34CA1P9	\$158	1.25	11.8	26	9.8/4.9	24
	1800	115/230	56	1660	\$198	1.00	10.8	27	11.6/5.8	24
	1800	115/230	56	3753	\$235	1.00	9.8	25	11.6/5.8	24
	1800	115/208-230	56	D34CM2J9	\$238	1.25	9	27	11.4/5.3-5.7	23
	1800	115/230	56	D34C2J9	\$210	1.25	11.3	27	11.4/5.7	25
	1800	100-120/200-240	56	6313	\$234	1.25	11.3	32	9.2-8.4/4.6-4.2	24
	1800	115-208/230	56H	D34CA2JH9	\$223	1.25	9.8	27	11.4/5.7-5.7	24
	1200	115/230	56	3711	\$421	1.15	13.3	42	13.4/6.7	24, LA
	1200	115/208-230	56H	D34CA3J9	\$421	1.25	13.3	40	10.6/5.4-5.3	24
1	3600	115/208-230	56	D1C1J9	\$244	1.25	10.4	31	14.6/6.9-7.3	25
	3600	115/208-230	56	D1CA1J9	\$223	1.25	11.8	25	14.6/6.9-7.3	24
	1800	115/230	56	3754	\$242	1.15	11.8	34	16.4/8.2	25
	1800	115/208-230	56H	D1CA2JH9	\$331	1.00	12.0	31	14.8/7.5-7.3	24
	1800	115/230	56	4241	\$241	1.25	11.8	30	14.8/7.4	24, LA
	1800	115/230	56	4151	\$331	1.25	11.9	32	13.6/6.8	24
	1800	100-120/200-240	56	6317	\$290	1.15	12.3	38	12.3-10.8/6.2-5.4	24
	1800	115/208-230	56H	D1C2JH9	\$250	1.25	12.3	32	14.8/7.5-7.3	25
	1200	115/208-230	56H	D1CA3JH9	\$452	1.25	13.8	42	12.6/6.4-6.3	24
	1800	115/208-230	56	D1CA2JH9	\$331	1.25	12.3	32	14.8/7.5-7.3	24
1-1/2	1800	115/208-230	145T	D32C2J149	\$364	1.15	13.7	45	19.2/10.0-9.6	25
	1800	115/208-230	56	4242	\$401	1.15	12.8	35	22.4/11.2	24
	1800	115/230	56	6296	\$274	1.00	12.7	41	20.0/10.0	25
	1800	115/230	56	D32CA2P9	\$405	1.15	12.9	38	20.4/10.2	24
2	3600	115/208-230	56H	D2CA1JH9	\$395	1.15	13.3	36	22.4/12.4-11.2	24
	1800	115/208-230	145T	D2C2J149	\$497	1.15	14.2	39	20.0/11.3-10.0	25
	1800	115/208-230	56H	D2C2JH9	\$487	1.15	13.8	39	20.0/11.3-10.0	25
	1800	115/208-230	56H	D2CA2JH9	\$512	1.15	14.3	39	20.0/11.3-10.0	24
3	3600	208-230	56H	D3CA1JH9	\$445	1.15	13.9	42	16.3-14.7	24

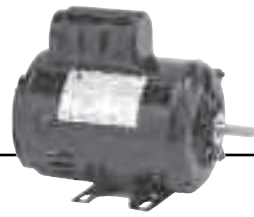
Two Speed

HP	RPM	Voltage	Frame	Catalog Number	List	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Amps	Notes
3/4	1800/1200	115	56	6311	\$260	1.25	10.8	26	8.9/6.1	25
1	1800/1200	115	56	6315	\$285	1.15	11.8	33	11.2/7.8	25
	1800/1200	208-230	56	6316	\$291	1.15	11.8	32	7.4-7.4/4.0-4.3	25

Note 18 Incorporates Run Capacitor
 Note 23 Manual Reset Thermal Overload Protector
 Note 24 Automatic Reset Thermal Overload Protector

Note 25 Non-protected
 Note LA Limited Availability

General Purpose Single Phase, Capacitor Start Open Drip-proof (ODP) Rigid Base



APPLICATIONS:

Designed to meet manufacturer's requirements for air compressors, pumps, conveyors, blowers and general industrial equipment.

FEATURES:

- Double Shielded Ball Bearings
- Rigid Base Standard
- Resilient Mount
- Class B Insulation, Continuous Duty, 40°C Ambient
- F1 Assembly
- Reversible Rotation

Single Speed

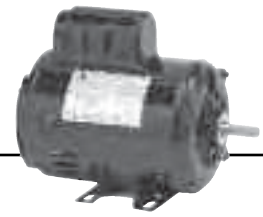
Highlighted ratings typically available for immediate shipment

HP	RPM	Voltage	Frame	Catalog Number	List	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Amps	Notes
1/4	1800	115/208-230	48	D14C2J4	\$172	1.35	8.6	18	4.8/2.4	25
	1800	115/208-230	48	D14CA2J4	\$197	1.00	9	18	7/3.3-3.5	24
	1800	115/208-230	48	D14CM2J4	\$212	1.00	9	18	7/3.3-3.5	23
	1800	115/230	48	6347	\$187	1.35	8.8	17	4.4/2.2 & 4.6/2.5	24
	1800	115/208-230	56	D14C2J	\$188	1.00	9	17	7/3.3-3.5	25
	1800	115/208-230	56	D14CA2J	\$213	1.00	9	17	7/3.3-3.5	24
	1200	115/230	56	6338	\$327	1.35	10.2	23	6.2/3.1	25
1/3	3600	115/230	48	6335	\$155	1.35	9.1	16	6.8/3.4	24
	3600	115/208-230	48	D13C1J4	\$128	1.00	9	18	6/2.9-3.0	25
	3600	115/208-230	56	D13C1J	\$128	1.00	9	18	6/2.9-3.0	25
	1800	115/208-230	48	D13C2J4	\$203	1.00	7.5	22	6.2/3.1	25
	1800	115/208-230	48	D13CA2J4	\$228	1.00	9	22	8.8/3.9-4.4	24
	1800	115/230	48	6349	\$243	1.35	9.1	20	6.5/3.3 & 7.3/3.6	24
	1800	115/230	56	D13C2P	\$208	1.35	9	25	6.0/3.0	25
	1800	115/208-230	56	D13CA2J	\$233	1.00	9	19	8.8/3.9-4.4	24
	1800	115/208-230	56	D13CM2J	\$223	1.35	9	16	6.0/3.0	23
	1800	115/230	56	6336	\$220	1.35	9.9	20	6.5/3.3 & 7.3/6.3	25
	1800	115/230	56	6337	\$252	1.35	9.2	19	6.5/3.3 & 7.3/6.3	24
	1200	115/208-230	56	D13C3J	\$340	1.00	11	16	6.8/3.4-3.4	25
	1/2	3600	115/230	48	6345	\$248	1.25	10.4	17	9.8/4.9
3600		115/230	48	6341	\$220	1.25	9.5	17	9.8/4.9&12.3/6.2	25
3600		115/208-230	48	D12CA1J4	\$165	1.00	10	17	7/3.4-3.5	24
3600		115/208-230	56	D12C1J	\$140	1.25	9.4	27	8.0/4.0	25
1800		115/208-230	56	D12CM2J	\$261	1.35	9.5	29	8.6/4.3	23
1800		115/208-230	48	D12C2J4	\$242	1.25	7.5	24	8.2/4.1	25
1800		115/230	48	6343	\$271	1.25	9.8	20	8.2/4.1	24
1800		115/208-230	48	D12CA2J4	\$271	1.00	9	20	10.3/4.8-5.3	24
1800		115/230	56	8758	\$170	1.00	9	21	9.0/4.5	25, LA
1800		115/230	56	D12C2P	\$246	1.25	9.5	27	8.6/4.3	25
1800		115/230	56	8752	\$250	1.25	9.7	20	9.0/4.5	24, LA
1800		115/208-230	56	D12CA2J	\$250	1.00	11	20	9.0/4.3-4.5	24
1200		115/208-230	56	D12C3J	\$506	1.00	12	34	10.4/5.1-5.2	25

Note 23 Manual Reset Thermal Overload Protector
Note 24 Automatic Reset Thermal Overload Protector

Note 25 Non-protected
Note LA Limited Availability

General Purpose Single Phase, Capacitor Start Open Drip-proof (ODP) Rigid Base



APPLICATIONS:

Designed to meet manufacturer's requirements for air compressors, pumps, conveyors, blowers and general industrial equipment.

HP	RPM	Voltage	Frame	Catalog Number	List	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Amps	Notes
3/4	3600	115/208-230	48	D34C1J4	\$178	1.00	10.2	18	11.3/5.6-5.7	25
	3600	115/230	56	6333	\$220	1.25	10.6	19	11.8/5.9	24
	3600	115/208-230	56	D34C1J	\$185	1.25	9.9	27	11.2/5.6	25
	3600	115/208-230	56	D34CM1J	\$230	1.00	11.4	23	10.4/5.3-5.2	23
	1800	115/230	56	4454	\$310	1.25	10	25	12.4/6.2	24
	1800	115/230	56	D34CM2P	\$328	1.25	10	24	11.2/5.6	23
	1800	115/208-230	56	D34C2J	\$303	1.25	9	27	11.4/5.7	25
	1200	115/230	56H	4396	\$384	1.25	12.8	38	11.6/5.8	25
1	3600	115/208-230	56	6344	\$248	1.00	11.2	31	13.4/6.7	25
	3600	115/208-230	56	D1CM1J	\$260	1.00	11.4	31	14.6/6.9-7.3	23
	1800	115/208-230	143T	D1C2J14	\$306	1.00	12	32	14.8/7.5-7.3	25
	1800	115/208-230	143T	D1CA2J14	\$331	1.00	12	30	14.8/7.5-7.3	24
	1800	115/208-230	143T	D1CM2J14	\$346	1.00	12	35	14.8/7.5-7.3	23
	1800	115/230	182	D1C2P18Z	\$542	1.00	12.8	69	14.4/7.2	25
	1800	115/208-230	56H	D1CM2JH	\$346	1.00	12	31	14.8/7.5-7.3	23
	1800	115/230	56H	4328	\$340	1.25	10.7	28	13.6/6.8	25
	1800	115/230	56H	8753	\$345	1.25	10.7	28	13.6/6.8	24, LA
	1800	115/208-230	56H	D1CA2JH	\$345	1.00	12	28	14.8/7.5-7.3	24
	1800	115/208-230	56H	D1C2JH	\$340	1.15	12	31	14.8/7.5-7.3	25
	1800	115/208-230	56H	D1CM2JH	\$346	1.00	12	31	14.8/7.5-7.3	23
1-1/2	1200	115/208-230	56H	D1C3JH	\$420	1.00	13	44	12.6/6.4-6.3	25
	3600	115/230	56	D32CA1P9	\$328	1.00	11.9	39	17.5/8.8	24
	3600	115/208-230	143T	D32C1J14	\$275	1.00	12.3	31	18.6/9.8-9.3	25
	3600	115/208-230	56H	D32C1JH	\$275	1.00	11.9	31	18.6/9.8-9.3	25
	3600	115/208-230	56H	D32CM1JH	\$315	1.00	11.9	32	18.6/9.8-9.3	23
	1800	115/230	145T	D32C2P14	\$357	1.15	12.9	45	20.4/10.2	25, LA
	1800	115/230	184	D32C2P18Z	\$614	1.15	15.1	71	22.0/11.0	25
	1800	115/208-230	56H	D32C2JH	\$400	1.00	13	37	19.2/10.0-9.6	25
	1800	115/208-230	56H	D32CA2JH	\$410	1.00	13	40	19.2/10.0-9.6	24
	1800	115/208-230	56H	D32CM2JH	\$420	1.00	13	37	19.2/10.0-9.6	23
	1800	115/230	56HZ	6354	\$406	1.15	12.9	39	20.4/10.2	25
	1800	115/230	56HZ	D32CM2PHZ	\$405	1.15	12.4	39	20.4/10.2	23
2	3600	115/208-230	145T	D2C1J14	\$459	1.00	12.8	36	22.4/12.4-11.2	25
	3600	115/230	56H	4362	\$480	0.00	13	35	22.0/11.0	23
	3600	115-208/230	56H	D2C1JH	\$360	1.00	12.4	35	22.4/12.4-11.2	25
	1800	115/208-230	145T	D2CM2J14	\$524	1.00	14	42	20.0/11.3-10.0	23
	1800	115/230	182T	D2C2P18	\$468	1.15	14.8	70	23.2/11.6	25
	1800	115/230	213	D2C2P21Z	\$779	1.15	15	75	24.6/12.3	25
	1800	115/230	56H	D2CA2PH	\$508	1.00	12	41	19.4/9.7	24
	1800	115/208-230	56H	D2C2JH	\$480	1.00	13	40	20.0/11.3-10.0	25

Note 23 Manual Reset Thermal Overload Protector
 Note 24 Automatic Reset Thermal Overload Protector

Note 25 Non-protected
 Note LA Limited Availability

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General Purpose Single Phase, Capacitor Start Open Drip-proof (ODP) Rigid Base



APPLICATIONS:

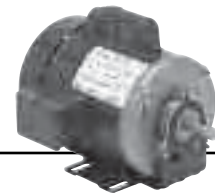
Designed to meet manufacturer's requirements for air compressors, pumps, conveyors, blowers and general industrial equipment.

HP	RPM	Voltage	Frame	Catalog Number	List	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Amps	Notes
2	1800	115/208-230	56H	D2CM2JH	\$524	1.00	14	42	20.0/11.3-10.0	23
	1800	115/208-230	56HZ	6355	\$509	1.00	14	42	21.4/12.2-10.7	24
	1800	115/230	56HZ	D2C2PHZ	\$490	1.15	14.3	42	21.4/12.2-10.7	25
3	3600	115/230	182	D3C1P18	\$631	1.15	17.3	81	32.0/16.0	25
	3600	208-230	56	D3CM1K	\$525	1.00	13	121	15.0-15.0	23
	1800	115/230	184T	D3C2P18	\$590	1.15	15.8	66	38.0/19.0	25
	1800	115/230	215	D3C2P21	\$984	1.15	16.9	72	35.6/17.8	25
5	3600	230	184T	D5C1K18	\$650	1.15	18	82	19.6	25
	1800	230	184T	D5C2K18	\$893	1.15	16.3	76	22	25
	1800	230	213T	D5C2K21	\$896	1.15	17.3	86	22	25
	1800	230	215	D5C2K21Z	\$1,304	1.15	18.9	86	22	25
7-1/2	3600	230	213T	D7C1K21	\$813	1.15	19.1	89	30.3	25
	1800	230	215T	D7C2K21	\$1,026	1.15	19.9	105	35.5	25
10	3600	230	215T	D10C1K21	\$1,470	1.15	20.6	92	40	25
	1800	230	215T	D10C2K21	\$1,153	1.15	19.9	150	42	25

Note 23 Manual Reset Thermal Overload Protector
 Note 24 Automatic Reset Thermal Overload Protector

Note 25 Non-protected
 Note LA Limited Availability

General Purpose Single Phase, Totally Enclosed Fan Cooled (TEFC), Capacitor Start



APPLICATIONS:

Designed to meet manufacturer's requirements for fans, blowers, tools, conveyors, pumps and general industrial equipment.

FEATURES:

- Resilient Mount
- Reversible Rotation
- Continuous Duty
- F1 Assembly
- 40C Ambient Rated

Highlighed ratings typically available for immediate shipment

HP	RPM	Voltage	Frame	Catalog Number	List	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Amps	Notes
1/4	1800	115/230	48	6308	\$144	1.00	11.4	18	4.6/2.3	25
	1800	115/208-230	56	T14CA2J9	\$176	1.15	11.4	21	6.5/2.8-3.2	24
1/3	1800	115/230	56	T13CA2J9	\$231	1.15	11.4	22	7.6/3.8	24
1/2	1800	115/230	56	T12CA2P9	\$238	1.15	11.4	24	9.0/4.5	24
3/4	1800	115/230	56	T34CA2P9	\$289	1.15	13.2	30	11.4/5.7	24
1	1800	115/230	56	T1CA2P9	\$325	1.15	13.2	32	13.6/6.8	24

Note 24 Automatic Reset Thermal Overload Protector

Note 25 Non-protected

- GENERAL INFORMATION
- HVACR
- VENTILATION
- COOLING TOWER
- PUMP MOTORS
- GEN. PURPOSE SINGLE PHASE
- GEN. PURPOSE THREE PHASE
- ACCESSORIES & PARTS
- MOTOR TERMINOLOGY
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General Purpose Single Phase, Totally Enclosed Fan Cooled (TEFC), Rigid Base



APPLICATIONS:

Designed to meet manufacturer's requirements for fans, blowers, tools, conveyors, pumps and general industrial equipment.

FEATURES:

- Double Shielded Ball Bearings
- Class B Insulation, Continuous Duty, 40C Ambient
- Capacitor Start, Induction Run
- F1 Assembly
- Reversible Rotation
- T14CA2P49 is a Resilient Base

Highlighted ratings typically available for immediate shipment

HP	RPM	Voltage	Frame	Catalog Number	List	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Amps	Notes
1/4	1800	115/230	48	T14CA2P49	\$240	1.00	10.0	17	4.6/2.3	24
	1800	115/208-230	48	T14C2J4	\$197	1.00	10.0	20	6.5/2.8-3.2	25
	1800	115/208-230	48	T14CM2J4	\$237	1.15	10.0	20	6.6/2.9-3.3	23
	1800	115/208-230	56	T14C2J	\$230	1.00	11.0	20	6.5/2.8-3.2	25
	1800	115/208-230	56	T14CA2J	\$246	1.00	11.0	20	6.5/2.9-3.3	24
1/3	1200	115/208-230	56	T14C3J	\$348	1.00	11.0	23	6.4/3.0-3.2	25
	3600	115/230	48	6165	\$214	1.00	10.0	18	5.4/2.7	24, LA
	1800	115/208-230	48	T13CA2J4	\$262	1.15	10.0	20	7.2/3.3-3.6	24
	1800	115/208-230	48	T13C2J4	\$229	1.15	10.0	19	6.6/3.0-3.3	25
	1800	115/208-230	48	T13CM2J4	\$269	1.00	10.0	20	6.6/3.0-3.3	23
	1800	115/230	56	1950	\$200	1.00	10.0	21	6.0/3.0	23, 92, LA
	1800	115/230	56	4005	\$190	1.15	10.0	19	6.0/3.0	24, 92, LA
	1800	100-120/200-240	56	6169	\$238	1.35	12.0	23	4.3-4.3/2.2-2.2	25
	1800	115/208-230	56	T13C2J	\$233	1.15	11.0	30	6.6/2.9-3.3	25
	1800	115/208-230	56	T13CM2J	\$248	1.15	10.6	22	6.6/3.0-3.3	23
1/2	1200	115/208-230	56	T13C3J	\$336	1.00	11.0	23	6.8/3.4-3.4	25
	3600	115/208-230	48	T12C1J4	\$168	1.15	11.3	28	8.0/3.8-4.0	25
	3600	115/230	56	6173	\$243	1.00	11.0	21	7.2/3.6	24
	3600	115/208-230	56	T12C1J	\$168	1.15	11.6	30	8.0/3.8-4.0	25
	3600	115/208-230	56	T12CM1J	\$208	1.15	11.6	28	8.0/3.8-4.0	23
	1800	115/208-230	48	T12C2J4	\$267	1.25	10.7	21	9/4.3-4.5	25
	1800	115/208-230	48	T12CM2J4	\$307	1.00	11.0	21	9.0/4.3-4.5	23
	1800	115/208-230	56	T12CA2J	\$299	1.15	11.4	20	9.0/4.3-4.5	24, LA
	1800	115/208-230	56	T12C2J	\$271	1.15	11.0	30	9.0/4.3-4.5	25
	1800	115/208-230	56	T12CM2J	\$305	1.15	11.1	28	9.0/4.3-4.5	23
3/4	1200	115/208-230	56	T12C3J	\$477	1.15	12.4	37	10.6/5.1-5.3	25
	3600	115/230	56	T34CA1P	\$248	1.00	11.0	26	9.8/4.9	24
	3600	115/208-230	56	T34C1J	\$222	1.15	11.89	25	10.4/5.3-5.2	25
	3600	115/208-230	56	T34CM1J	\$262	1.15	11.89	25	10.4/5.3-5.2	23
	1800	100-120/200-240	56	6172	\$323	1.25	11.0	30	9.2-8.4/4.6-4.2	25
	1800	115/208-230	56	T34C2J	\$329	1.15	12.1	33	11.4/5.7-5.7	25
	1800	115/208-230	56	T34CA2J	\$335	1.00	12.0	28	11.4/5.7-5.7	24
	1800	115/208-230	56	T34CM2J	\$344	1.15	12.1	31	11.4/5.7-5.7	23
1	1200	115/208-230	56H	T34C3JH	\$599	1.00	13.0	39	10.6/5.4-5.3	25
	3600	115/208-230	56	T1CA1J	\$289	1.15	12.4	27	13.6/6.9-6.8	24
	3600	115/208-230	56	T1C1J	\$264	1.15	12.39	30	13.6/6.9-6.8	25

Note 18 Incorporates Run Capacitor

Note 19 Also rated for 190/380, 220/415 volt 50 Hz at 1.0 Service Factor

Note 23 Manual Reset Thermal Overload Protector

Note 24 Automatic Reset Thermal Overload Protector

Note 25 Non-protected

Note 92 Rigid base, removable; Accepts C-Face kit #56

Note LA Limited Availability

General Purpose Single Phase, Totally Enclosed Fan Cooled (TEFC), Rigid Base



APPLICATIONS:

Designed for fans, blowers, tools, conveyors, pumps and general industrial equipment.

HP	RPM	Voltage	Frame	Catalog Number	List	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Amps	Notes
1	3600	115/208-230	56	T1CM1J	\$304	1.15	12.39	27	13.6/6.9-6.8	23
	1800	115/208-230	143T	T1CA2J14	\$433	1.00	13.0	36	14.0/6.9-7.0	24
	1800	115-208/230	143T	T1C2J14	\$370	1.00	13.0	33	14.0/6.9-7.0	25
	1800	115/230	182	T1C2P18Z	\$641	1.00	14.0	72	13.8/6.9	25
	1800	115/230	56	3963	\$284	1.15	13.0	40	14.4/7.2	24, LA
	1800	115/230	56	3985	\$280	1.15	13.0	40	14.4/7.2	25, LA
	1800	115/208-230	56	T1CM2J	\$371	1.15	13.0	40	14.2/7.1	23
	1800	100-120/200-240	56	6178	\$372	1.15	12.0	42	11.0-9.2/5.5-4.7	25
	1800	115/230	56H	3449	\$380	1.15	12.0	33	14.0/7.0	24
	1800	115/208-230	56H	T1C2JH	\$356	1.00	12.0	28	14.0/6.9-7.0	25
	1800	115/230	56HZ	T1CM2PHZ	\$405	1.15	13.0	36	14.0/7.0	23
	1200	115/208-230	56H	T1C3JH	\$504	1.00	14.0	44	12.6/6.6-6.3	25
1-1/2	3600	115/208-230	143T	T32C1J14	\$330	1.15	13.25	34	14.6/8.1-7.4	25
	3600	115/208-230	56H	T32CM1JH	\$370	1.15	12.89	34	14.6/8.1-7.4	23
	3600	115-208/230	56H	T32C1JH	\$330	1.15	12.89	32	14.6/8.1-7.4	25
	1800	115/208-230	145T	T32C2J14	\$373	1.00	13.2	41	14.4/8.0-7.2	25
	1800	115/208-230	145T	T32CA2J14	\$398	1.00	14.0	40	14.4/8.0-7.2	24
	1800	115/208-230	145TC	T32C2J14C	\$470	1.15	13.4	45	14.4/8.0-7.2	25
	1800	115/230	184	T32C2P18Z	\$696	1.00	15.0	79	18.4/9.2	25
	1800	115/208-230	56	T32C2J	\$407	1.15	13.0	30	16.6/8.3	25
	1800	115/208-230	56H	T32CA2JH	\$415	1.00	12.8	41	14.4/8.0-7.2	24
	1800	115/208-230	56H	T32CM2JH	\$418	1.00	14.0	28	14.4/8.0-7.2	23
	1800	115/230	56HZ	6177	\$450	1.15	13.0	46	16.2/8.1	23
	2	3600	115/208-230	145T	T2C1J14	\$432	1.15	13.25	41	19.5/10.8-9.7
3600		115/208-230	145T	T2CM1J14	\$472	1.15	13.75	40	19.5/10.8-9.7	23
3600		115/208-230	56H	T2C1JH	\$432	1.15	12.98	40	19.5/10.8-9.7	25
3600		115/208-230	56H	T2CM1JH	\$472	1.00	12.89	39	19.5/10.8-9.7	23
1800		115/208-230	145T	T2C2J14	\$539	1.00	14.0	54	18.9/10.3-9.4	25
1800		115/208-230	145T	T2CA2J14	\$564	1.00	15.0	54	18.9/10.3-9.4	24
1800		115/208-230	145T	T2CM2J14	\$579	1.00	14.0	54	18.9/10.3-9.4	23
1800		115/230	182T	T2C2P18	\$526	1.00	15.0	50	23.6/11.8	18, 25
1800		115/230	213	T2C2P21Z	\$859	1.00	18.0	72	24.0/12.0	18, 25
1800		115/230	56H	T2C2PH	\$539	1.00	-	54	19.0/9.5	25
1800		115/208-230	56H	T2CA2JH	\$564	1.00	14.0	54	18.9/10.3-9.4	24
1800		115/208-230	56H	T2CM2JH	\$579	1.00	14.0	54	18.9/10.3-9.4	23
3	3600	115/230	182T	T3C1P18	\$648	1.00	17.0	83	32.0/16.0	18, 25
	1800	115/230	184T	T3C2P18	\$613	1.00	18.0	119	30.0/15.0	18, 25
	1800	115/230	215	T3C2P21	\$1,292	1.00	20.0	83	33.6/16.8	18, 25
5	3600	230	184T	T5C1K18	\$876	1.00	17.0	91	19.6	18, 25
	1800	230	213T	T5C2K21	\$732	1.00	20.0	121	23.0	18, 25
	1800	230	215	T5C2K21Z	\$1,479	1.00	20.0	90	20.0	18, 25
7-1/2	3600	230	213T	T7C1K21	\$1,150	1.00	20.0	92	30.3	18, 25
	1800	230	215T	T7C2K21	\$1,167	1.00	22.0	90	30.0	18, 25

Note 18 Incorporates Run Capacitor
 Note 19 Also rated for 190/380, 220/415 volt 50 Hz at 1.0 Service Factor
 Note 23 Manual Reset Thermal Overload Protector
 Note 24 Automatic Reset Thermal Overload Protector

Note 25 Non-protected
 Note 92 Rigid base, removable; Accepts C-Face kit #56
 Note LA Limited Availability

GENERAL INFORMATION
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General Purpose Single Phase, Capacitor Start Totally Enclosed Fan Cooled (TEFC) C-Face Footless



APPLICATIONS:

Designed to meet manufacturer's requirements for air compressors, pumps, conveyors, blowers and general industrial equipment.

FEATURES:

- Double Shielded Ball Bearings
- Class B Insulation, Continuous Duty, 40°C Ambient
- Capacitor Start, Induction Run
- F1 Assembly
- Reversible Rotation

Highlighted ratings typically available for immediate shipment

HP	RPM	Voltage	Frame	Catalog Number	List	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Amps	Notes
1/6	1800	115/230	42CZ	T16C2P42ZCR	\$194	1.00	11.6	17	3.8/2.0	25
	1800	115/208-230	56C	6181	\$247	1.15	11.5	18	4.5/2.1-2.2	23
1/4	1800	115/230	48CZ	T14C2P42ZCR	\$222	1.00	11.6	19	4.7/2.4	25
	1800	115/208-230	56C	T14C2JCR	\$212	1.15	11.5	31	6.5/2.8-3.2	25
1/3	1800	115/230	42CZ	T13C2P42ZCR	\$229	1.00	12.0	21	6.2/3.1	25
	1800	115/230	56C	T13C2JCR	\$244	1.15	11.6	20	6.6/3.0-3.3	25
	1800	115/230	56C	8769	\$198	1.00	10.3	20	6.6/3.3	25
	1800	100-120/200-240	56C	6191	\$262	1.35	12.0	20	4.2-3.9/2.1-2.0	25, 98
	1800	115/208-230	56C	T13CA2JCR	\$244	1.15	11.0	31	6.6/3.0-3.3	24
	1800	115/208-230	56C	T13CM2JCR	\$259	1.15	11.5	20	6.6/3.0-3.3	23
1/2	1800	115/208-230	56C	T12C2JCR	\$282	1.15	11.9	22	9.0/4.3-4.5	25
	1800	115/208-230	56C	T12CA2JCR	\$319	1.15	11.0	23	9.0/4.3-4.5	24
	1800	115/208-230	56C	T12CM2JCR	\$297	1.15	11.0	20	9.0/4.3-4.5	23
3/4	1800	100-120/200-240	56C	T34C2ZCR	\$406	1.25	12.0	32	9.2-8.4/4.6-4.2	25, 98
	1800	115/208-230	56C	T34C2JCR	\$339	1.15	11.9	25	11.4/5.7-5.7	25, LA
	1800	115/208-230	56C	T34CM2JCR	\$354	1.15	11.6	24	11.4/5.7-5.7	23
1	1800	115/208-230	143TC	T1C2J14CR	\$410	1.15	13.1	30	14.4/7.2	25
	1800	115/208-230	143TC	T1CA2J14CR	\$448	1.15	12.0	33	14.0/6.9-7.0	24
	1800	115/208-230	143TC	T1CM2J14CR	\$463	1.15	13.1	30	14.0/6.9-7.0	23
	1800	115/208-230	56C	T1C2JCR	\$367	1.15	13.1	43	14.0/6.9-7.0	25
	1800	115/208-230	56C	T1CA2JCR	\$392	1.15	12.0	43	14.0/6.9-7.0	24
	1800	115-208/230	56C	T1CM2JCR	\$382	1.15	13.1	24	14.0/6.9-7.0	23
1-1/2	1800	115/208-230	145TC	T32C2J14CR	\$465	1.15	13.0	47	16.6/8.3	25
	1800	115/208-230	145TC	T32CA2J14CR	\$490	1.15	14.0	47	14.4/8.0-7.2	24
	1800	115/208-230	145TC	T32CM2J14CR	\$505	1.15	14.0	47	14.4/8.0-7.2	23
	1800	115/208-230	56C	T32C2JCR	\$418	1.15	13.0	31	16.6/8.3	25
1-1/2	1800	115/208-230	56C	T32CA2JCR	\$443	1.15	14.0	31	14.4/8.0-7.2	24
	1800	115/208-230	56C	T32CM2JCR	\$458	1.15	14.0	31	14.4/8.0-7.2	23
2	1800	115/208-230	145TC	T2CM2J14CR	\$594	1.15	14.0	40	18.9/10.3-9.4	23
	1800	115/208-230	145TC	T2C2J14CR	\$623	1.15	14.0	35	18.9/10.3-9.4	25
	1800	115/208-230	145TC	T2CA2J14CR	\$579	1.15	14.0	40	18.9/10.3-9.4	24
	1800	115/208-230	56C	T2C2JCR	\$475	1.15	14.0	31	18.9/10.3-9.4	25
	1800	115/208-230	56C	T2CA2JCR	\$500	1.15	14.0	31	18.9/10.3-9.4	24
	1800	115/208-230	56C	T2CM2JCR	\$515	1.15	14.0	31	18.9/10.3-9.4	23

Note 23 Manual Reset Thermal Overload Protector
 Note 24 Automatic Reset Thermal Overload Protector
 Note 25 Non-protected

Note 98 50/60 Hertz
 Note LA Limited Availability

Suitability of Integral Horsepower (IHP)* Motors on Variable Frequency Drives

Variable Frequency Drives (VFD)

Emerson's Inverter Grade® insulated motors exceeded NEMA MG-1 Part 30 & 31 before the standards were established.

Emerson was a leader in the development of electric motors to withstand pulse width modulated (PWM) drives evolution from power transistors to higher switching frequency insulated gate bipolar transistors (IGBT).

Today, as the need for light and medium duty motor inverter applications grow, Emerson provides products to meet this demand.

Through continued research and development, Emerson has included the addition of Emerson's Inverter Grade® insulation wire on all Premium, Energy, & Standard Efficient motors, resulting in inverter compatibility.

Determining Motor Suitability for Inverter Compatibility

Inverter compatibility of motors is complex. With this being stated, many variables must be considered when determining the suitability of certain types of motors. These variables include:

- Torque requirements (Constant or Variable)
- Speed Range
- Line/System Voltage
- Cable Length between VFD & Motor
- Drive Switching (Carrier) Frequency
- Motor Construction

Wider speed ranges, higher voltages, higher switching frequencies and increased cable lengths all add to the severity of the application and therefore the potential for premature motor failure. Emerson Motor Company has differentiated its products into families for your ease of selection for various inverter applications.

Warranty Guidelines

The information within this section refers to the motor and drive application guidelines and limitations for warranty.

When applying a variable frequency drive to explosionproof motors, only the explosionproof motors (FLC type) with temperature code of T2B are suitable for 2:1 Constant Torque or 10:1 Variable Torque. No other stock explosionproof motors are inverter suitable.

Applying Inverter Grade® Insulated Motors on Variable Frequency Drives

The products within this catalog labeled "Inverter Duty" or "Vector Duty" are considered Inverter Grade® insulated motors. Inverter Grade® insulation exceeds the NEMA MG-1 Part 31 standard and has been proven in thousands of inverter installations for reliability.

Emerson provides a minimum 3-year limited warranty on all Inverter Grade® insulated motors and allows long cable runs between the motor and the VFD (limited to 400 feet without output filters). These are the most appropriate motors for any severe inverter application or when the factors affecting a motor's suitability are undefined (such as spares).

Emerson's U.S. Motors® brand is available in the following Inverter Grade® insulated motors:

- Inverter Duty motors good for 10:1 Variable Torque & 5:1 Constant Torque, including Vertical Type RUSI
- Inverter Duty motors good for 10:1 Constant Torque
- Vector Duty Motors with full torque to 0 Speed & 1024 PPR, 5-28VDC Encoder
- 841 Plus® motors that meet IEEE 841 Standards and are suitable for 5:1 Constant Torque

Applying Premium Efficient Motors on Variable Frequency Drives

Meet NEMA MG-1, Section IV, Part 31.4.4.2. They are suitable for use with adjustable frequency drives under the following parameters: Up to 4:1 speed range on constant torque loads, standard two-year limited warranty.

Maximum Cable Distance VFD to Motor			
Switching Frequency	460 Volt	230 Volt	380 Volt
3 Khz	196 ft	481 ft	295 ft
6 Khz	168 ft	340 ft	209 ft
9 Khz	113 ft	278 ft	170 ft
12 Khz	98 ft	241 ft	148 ft
15 Khz	88 ft	215 ft	132 ft
20 Khz	76 ft	186 ft	114 ft

Applying Standard & Energy Efficient Motors on Variable Frequency Drives

Meet NEMA MG-1, Section IV, Part 30.2.2.8. They are suitable for use with adjustable frequency drives under the following parameters: Up to 2:1 speed range on constant torque loads, one year limited warranty.

Maximum Cable Distance VFD to Motor			
Switching Frequency	460 Volt	230 Volt	380 Volt
3 Khz	103 ft	435 ft	218 ft
6 Khz	73 ft	307 ft	154 ft
9 Khz	59 ft	251 ft	126 ft
12 Khz	51 ft	217 ft	109 ft
15 Khz	46 ft	194 ft	98 ft
20 Khz	40 ft	168 ft	85 ft

All motors have 40C ambient, 1.0 SF on Inverter Power, 3300 ft. max altitude, 460 voltage or less line power, up to 10:1 speed range on Variable Torque and Class F Insulation. 575-volt motors can be applied on inverters when output filters are used.

* This information applies only to Integral Horsepower (IHP) motors as defined on the Agency Approval page, under UL & CSA listings where indicated.

General Purpose Three Phase, Open Drip-proof (ODP) Energy Efficient, Resilient Base



APPLICATIONS:

Designed to meet manufacturer's requirements for pumps, fans, compressors, material handling and other general purpose applications where contaminants are minimal.

FEATURES:

- Resilient Mount
- Reversible Rotation
- Continuous Duty
- F1 Assembly
- 40°C Ambient Rated

Highlighed ratings typically available for immediate shipment

HP	RPM	Voltage	Frame	Catalog Number	List	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
1/2	1800	208-230/460	56	8746	\$209	1.25	11.2	22	78.2	2.0-2.0/1.0	26, LA
	1800	208-230/460	56	D12S2A9	\$209	1.25	11.8	22	-	1.98-1.9/98	26
3/4	1800	208-230/460	56	D34S2A9	\$222	1.25	12.3	23	78.6	2.8-2.7/1.4	-
	1800	208-230/460	56H	8750	\$222	1.25	11.2	24	80.6	2.8-2.7/1.3	26, LA
1	1800	208-230/460	56H	D1S2AH9	\$253	1.25	12.8	27	82.5	3.2-3.0/1.5	26
1-1/2	1800	208-230/460	56H	D32S2AH9	\$265	1.25	12.8	29	80	4.9-5.0/2.5	26

Note 26 Does not include World Motor® features

Note LA Limited Availability

General Purpose Three Phase Open Drip-proof (ODP) Energy Efficient



APPLICATIONS:

Designed to meet manufacturer's requirements for pumps, fans, compressors, material handling and other general purpose applications where contaminants are minimal.

FEATURES:

- Class F Insulation, Class B Rise at Service Factor (140 Frame & Larger)
- Rolled Steel Frame 56-320, Cast Iron Frame 360-440
- Aluminum End Shields 56-250, Cast Iron End Shields 280-440
- "CE" Mark on Nameplate (140 Frame & Larger)
- Full 50 & 60 Hertz Operating Data on Nameplate (3) (140 Frame & Larger)
- 40°C Ambient, NEMA[®] Design B Performance (4)
- Full HP @ 50 Hz
- Regreaseable Bearings 180 Frame & Up, Lifting Provisions 210 Frame & Up
- Double Shielded Bearings 48-400; Open on 440
- Suitable for Wye-Delta Start 250 Frame & Larger
- Dual Voltage Ratings Suitable for Part Winding Start (PWS) on Low Voltage
- F1 Assembly Position
- Conversion Kits: Canopy Kits (140-320 Frame)
- Catalog Number Identifies Those That Are Standard Efficient

Highlighted ratings typically available for immediate shipment

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
1/4	1800	208-230/460	48	D14S2D4	\$200	DS-3FMP	1.35	9.6	14	56	1.3-1.3/0.65	26
	1800	208-230/460	56	D14S2A	\$200	DS-3FMP	1.35	9.6	16	68	1.5-1.5/0.75	26
	1200	208-230/460	56	D14S3A	\$326	DS-3F	1.35	9.6	17	0	1.4-1.4/0.7	-
1/3	3600	208-230/460	48	D13S1D4	\$203	DS-3FMP	1.35	9.4	27	64	1.3-1.4/0.7	26
	3600	208-230/460	56	D13S1A	\$226	DS-3FMP	1.35	9.6	16	-	1.4-1.5/0.75	26
	1800	208-230/460	48	D13S2D4	\$215	DS-3FMP	1.35	9.6	16	62	1.5-1.7/0.8	26
	1800	208-230/460	56	D13S2A	\$191	DS-3F	1.35	9.9	25	-	1.5-1.7/0.8	26
	1200	208-220/440	56	D13S3M	\$340	DS-3FMP	1.35	10.3	22	-	1.7-1.8/0.9	26, LA
1/2	3600	208-230/460	48	D12S1D4	\$215	DS-3FMP	1.25	9.4	18	64	1.8-1.8/0.9	26
	1800	208-230/460	56	D12S2A	\$235	DS-3F	1.25	10.0	25	-	1.98-1.9/98	26
	1200	208-230/460	56	D12S3A	\$352	DS-3F	1.25	12.0	25	-	2.2-2.2/1.1	-
3/4	3600	230/460	48	D34S1B	\$258	DS-3FMP	1.25	8.9	21	74	2.4/1.2	26
	1800	208-230/460	56	D34S2A	\$240	DS-3F	1.25	10.0	27	-	2.7-2.8/1.4	26
	1200	208-230/460	143T	D34S3D14	\$369	DS-3FMP	1.25	12.2	32	80	3.4-3.5/1.7	26
1	3600	208-230/460	56	D1S1A	\$242	DS-3F	1.15	10.4	27	-	2.8-2.9/1.4	26
	1800	200	143T	D1E2H	\$261	DS-3FOP	1.15	12.8	30	82.5	3.4	-
	1800	208-230/460	143T	D1E2D	\$261	DS-3FOP	1.15	12.8	30	82.5	3.1-3.0/1.5	03
	1800	575	143T	D1E2G	\$261	DS-3FOP	1.15	12.8	30	82.5	1.2	-
	1800	208-230/460	56HZ	D1E2DHZ	\$261	DS-3FMP	1.15	12.0	29	82.5	4.0-3.8/1.9	26
	1200	208-230/460	145T	D1E3D	\$430	DS-3FOP	1.15	12.8	35	80	3.7-3.6/1.8	03
	1200	575	145T	D1E3G	\$430	DS-3FOP	1.15	12.8	35	80	1.5	-
	1200	208-230/460	145T	D1E3D	\$430	DS-3FOP	1.15	12.8	35	80	1.5	-
1-1/2	3600	208-230/460	143T	D32E1D	\$352	DS-3FOP	1.15	12.8	30	82.5	4.3-4/2	03
	3600	575	143T	D32E1G	\$352	DS-3FOP	1.15	12.8	30	82.5	1.6	-
	3600	208-220/440	56	D32S1M	\$329	DS-3FMP	1.15	11.1	26	-	4.8/2.3 5.1/2.0	26
	1800	200	145T	D32E2H	\$278	DS-3FOP	1.15	12.8	35	84	5.0	-
	1800	208-230/460	145T	D32E2D	\$278	DS-3FOP	1.15	12.8	35	84	4.8-4.7	03
	1800	575	145T	D32E2G	\$278	DS-3FOP	1.15	12.8	35	84	1.7	-
	1800	208-230/460	56H	D32S2AH	\$265	DS-3F	1.15	11.6	32	-	5.0-5.0/2.5	26
	1800	208-230/460	56HZ	D32E2DHZ	\$278	DS-3FMP	1.15	12.5	34	84	5.0-4.9/2.5	26
	1200	208-230/460	182T	D32E3D	\$494	DS-3FOP	1.15	15.0	50	84	5.4-5.3/2.6	03
	1200	575	182T	D32E3G	\$494	DS-3FOP	1.15	15.0	50	84	2.1	-
	1200	208-230/460	56H	D32S3DH	\$491	DS-3FMP	1.15	13.1	33	-	6.2-6.3/3.1	26

Note 02 Suitable for Wye-Delta start on voltages shown
 Note 03 60/50 Hz rated with no derate on HP; 230/460 volt 60 Hz ratings operate on 190/380 volt 50 Hz, 460V 60 Hz ratings operate on 380V 50 Hz; Full 60 & 50 Hz data on Nameplate
 Note 04 On 60 Hertz Sine Wave power

Note 05 F2 Assembly Position
 Note 24 Automatic Reset Thermal Overload Protector
 Note 26 Does not include World Motor[®] features
 Note 57 Not suitable for Belted Applications
 Note LA Limited Availability

† All non-Emerson Electric Co. marks shown within this document are properties of their other respective owners

GENERAL INFORMATION
 HVACR
 VENTILATION
 COOLING TOWER
 PUMP MOTORS
 GEN. PURPOSE SINGLE PHASE
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General Purpose Three Phase Open Dripproof (ODP) Energy Efficient



FD, FR

APPLICATIONS:

Designed to meet manufacturer's requirements for pumps, fans, compressors, material handling and other general purpose applications where contaminants are minimal.

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
1-1/2	3600	208-230/460	143T	D32E1D	\$352	DS-3FOP	1.15	12.8	30	82.5	4.3-4/2	03
	3600	575	143T	D32E1G	\$352	DS-3FOP	1.15	12.8	30	82.5	1.6	-
	3600	208-220/440	56	D32S1M	\$329	DS-3FMP	1.15	11.1	26	-	4.8/2.3 5.1/2.0	26
	1800	200	145T	D32E2H	\$278	DS-3FOP	1.15	12.8	35	84	5.0	-
	1800	208-230/460	145T	D32E2D	\$278	DS-3FOP	1.15	12.8	35	84	4.8-4.7	03
	1800	575	145T	D32E2G	\$278	DS-3FOP	1.15	12.8	35	84	1.7	-
	1800	208-230/460	56H	D32S2AH	\$265	DS-3F	1.15	11.6	32	-	5.0-5.0/2.5	26
	1800	208-230/460	56HZ	D32E2DHZ	\$278	DS-3FMP	1.15	12.5	34	84	5.0-4.9/2.5	26
	1200	208-230/460	182T	D32E3D	\$494	DS-3FOP	1.15	15.0	50	84	5.4-5.3/2.6	03
	1200	575	182T	D32E3G	\$494	DS-3FOP	1.15	15.0	50	84	2.1	-
2	3600	208-230/460	56H	D32S3DH	\$491	DS-3FMP	1.15	13.1	33	-	6.2-6.3/3.1	26
	3600	208-230/460	145T	D2E1D	\$390	DS-3FOP	1.15	12.8	35	84	5.6-5.1/2.5	03
	3600	575	145T	D2E1G	\$390	DS-3FOP	1.15	12.8	35	84	2.0	-
	1800	200	145T	D2E2H	\$299	DS-3FOP	1.15	12.8	35	84	6.9	-
	1800	208-230/460	145T	D2E2D	\$299	DS-3FOP	1.15	12.8	35	84	6.1-6.2/3.1	03
	1800	575	145T	D2E2G	\$299	DS-3FOP	1.15	12.8	35	84	2.4	-
	1800	230/460	56H	D2S2BH	\$323	DS-3FMP	1.15	11.5	33	-	6.0/3.0	26
	1800	208-230/460	56HZ	D2E2DHZ	\$299	DS-3FMP	1.15	12.4	36	85.5	6.6-6.6/3.3	26
	1200	208-230/460	184T	D2E3D	\$485	DS-3FOP	1.15	15.0	60	85.5	6.8-6.6/3.3	03
	1200	575	184T	D2E3G	\$485	DS-3FOP	1.15	15.0	60	85.5	2.6	-
3	3600	208-230/460	145T	D3E1D	\$415	DS-3FOP	1.15	12.8	35	84	8.3-7.5/3.7	03
	3600	575	145T	D3E1G	\$415	DS-3FOP	1.15	12.8	35	84	3.0	-
	3600	208-230/460	56HZ	D3E1AHZ	\$430	DS-3F	1.15	13.0	35	-	8.5-7.3/3.6	-
	1800	208-230/460	145T	D3E2D14	\$327	DS-3FMP	1.15	13.5	41	86.5	9.7-9.4/4.6	26
	1800	200	182T	D3E2H	\$327	DS-3FOP	1.15	15.0	50	86.5	9.6	-
	1800	208-230/460	182T	D3E2D	\$327	DS-3FOP	1.15	15.0	50	86.5	8.6-8.7/4.4	03
	1800	575	182T	D3E2G	\$327	DS-3FOP	1.15	15.0	50	86.5	3.4	-
	1800	208-230/460	56HZ	D3E2DHZ	\$419	DS-3FMP	1.15	13.5	45	86.5	9.7-9.4/4.6	26
	1200	208-230/460	213T	D3E3D	\$569	DS-3FOP	1.15	16.0	90	86.5	9.8-9.1/4.6	03
	1200	575	213T	D3E3G	\$569	DS-3FOP	1.15	16.0	90	86.5	3.6	-
5	3600	208-230/460	182T	D5E1D	\$428	DS-3FOP	1.15	15.0	50	85.5	14.1-12.8/6.4	03
	3600	575	182T	D5E1G	\$428	DS-3FOP	1.15	15.0	50	85.5	5.1	-
	1800	200	184T	D5E2H	\$361	DS-3FOP	1.15	15.0	60	87.5	14.5	-
	1800	208-230/460	184T	D5E2D	\$361	DS-3FOP	1.15	15.0	60	87.5	14.0-12.7/6.4	03
	1800	208-230/460	184T	D5EA2A	\$544	DS-3FOP	1.15	15.4	60	87.5	13.9-12.7/6.4	24, 26
	1800	575	184T	D5E2G	\$361	DS-3FOP	1.15	15.0	60	88.5	5.0	-
	1200	208-230/460	215T	D5E3D	\$747	DS-3FOP	1.15	17.5	100	87.5	15.7-14.5/7.3	03
	1200	575	215T	D5E3G	\$747	DS-3FOP	1.15	17.5	100	87.5	5.8	-

Note 02 Suitable for Wye-Delta start on voltages shown
 Note 03 60/50 Hz rated with no derate on HP; 230/460 volt 60 Hz ratings operate on 190/380 volt 50 Hz, 460V 60 Hz ratings operate on 380V 50 Hz; Full 60 & 50 Hz data on Nameplate
 Note 04 On 60 Hertz Sine Wave power

Note 05 F2 Assembly Position
 Note 24 Automatic Reset Thermal Overload Protector
 Note 26 Does not include World Motor® features
 Note 57 Not suitable for Belted Applications
 Note LA Limited Availability

General Purpose Three Phase Open Dripproof (ODP) Energy Efficient



FD, FR

APPLICATIONS:

Designed to meet manufacturer's requirements for pumps, fans, compressors, material handling and other general purpose applications where contaminants are minimal.

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
7-1/2	3600	208-230/460	184T	D7E1D	\$589	DS-3FOP	1.15	15.0	60	87.5	20.4-18.1/9.1	03
	3600	575	184T	D7E1G	\$589	DS-3FOP	1.15	15.0	60	87.5	7.2	-
	1800	200	213T	D7E2H	\$513	DS-3FOP	1.15	16.0	90	88.5	22.0	-
	1800	208-230/460	213T	D7E2D	\$513	DS-3FOP	1.15	16.0	90	88.5	21.1-20.0/10.0	03
	1800	208-230/460	213T	D7EA2A	\$748	DS-3FOP	1.15	16.0	90	88.5	21.2-18.9/9.5	24, 26
	1800	575	213T	D7E2G	\$513	DS-3FOP	1.15	16.0	90	88.5	7.6	-
	1200	208-230/460	254T	D7E3D	\$923	DS-3FOP	1.15	22.6	150	88.5	21.1-19.2/9.6	02, 03
	1200	575	254T	D7E3G	\$923	DS-3FOP	1.15	22.6	150	88.5	7.7	02
10	3600	208-230/460	213T	D10E1D	\$740	DS-3FOP	1.15	16.0	90	88.5	27.5-25.3/12.6	03
	3600	575	213T	D10E1G	\$740	DS-3FOP	1.15	16.0	90	88.5	10.2	-
	1800	200	215T	D10E2H	\$628	DS-3FOP	1.15	17.5	100	89.5	28.4	-
	1800	208-230/460	215T	D10E2D	\$628	DS-3FOP	1.15	17.5	100	89.5	27.3-25.3/12.7	03
	1800	575	215T	D10E2G	\$628	DS-3FOP	1.15	17.5	100	89.5	9.9	-
	1200	208-230/460	256T	D10E3D	\$1,194	DS-3FOP	1.15	23.2	160	90.2	27.4-25/12.5	02, 03
	1200	575	256T	D10E3G	\$1,194	DS-3FOP	1.15	23.2	160	90.2	10.0	02
15	3600	208-230/460	215T	D15E1D	\$1,083	DS-3FOP	1.15	17.5	100	90.2	40-36/18	03
	3600	575	215T	D15E1G	\$1,083	DS-3FOP	1.15	17.5	100	89.5	14.5	-
	1800	200	254T	D15E2H	\$951	DS-3FOP	1.15	22.6	150	91	44	02
	1800	208-230/460	254T	D15E2D	\$951	DS-3FOP	1.15	22.6	150	91	41-39/19.5	02, 03
	1800	575	254T	D15E2G	\$951	DS-3FOP	1.15	22.6	150	91	15.1	02
	1200	208-230/460	284T	D15E3D	\$1,563	DS-3FOP	1.15	24.9	225	90.2	41-38/18.8	02, 03
	1200	575	284T	D15E3G	\$1,563	DS-3FOP	1.15	24.9	225	90.2	15.0	02
20	3600	208-230/460	254T	D20E1D	\$1,386	DS-3FOP	1.15	22.6	150	90.2	54-47/23.6	02, 03
	3600	575	254T	D20E1G	\$1,386	DS-3FOP	1.15	22.6	150	90.2	18.9	02
	1800	200	256T	D20E2H	\$1,398	DS-3FOP	1.15	23.2	160	91	57	02
	1800	208-230/460	256T	D20E2D	\$1,398	DS-3FOP	1.15	23.2	160	91	55-51/25.6	02, 03
	1800	575	256T	D20E2G	\$1,398	DS-3FOP	1.15	23.2	160	91	20.1	02
	1200	208-230/460	286T	D20E3D	\$1,918	DS-3FOP	1.15	24.9	275	91	55-50/25	02, 03
	1200	575	286T	D20E3G	\$1,918	DS-3FOP	1.15	24.9	275	91	19.9	02
	25	3600	208-230/460	256T	D25E1D	\$1,677	DS-3FOP	1.15	23.2	160	91	66-58/29
25	3600	575	256T	D25E1G	\$1,677	DS-3FOP	1.15	23.2	160	91	23.2	02
	1800	200	284T	D25E2H	\$1,695	DS-3FOP	1.15	24.9	225	91.7	70	02
	1800	208-230/460	284T	D25E2D	\$1,695	DS-3FOP	1.15	24.9	225	92.4	66-60/30	02, 03
	1800	575	284T	D25E2G	\$1,695	DS-3FOP	1.15	24.9	225	91.7	24.4	02
	1200	208-230/460	324T	D25E3D	\$2,694	DS-3FOP	1.15	27.3	420	91.7	67-59/29.7	02, 03
	1200	575	324T	D25E3G	\$2,694	DS-3FOP	1.15	27.3	420	91.7	23.6	02
	30	3600	208-230/460	284TS	D30E1DS	\$1,775	DS-3FOP	1.15	23.5	225	91	80-70/35
3600		575	284TS	D30E1GS	\$1,775	DS-3FOP	1.15	23.5	225	91	27.9	02
1800		200	286T	D30E2H	\$1,981	DS-3FOP	1.15	24.9	250	92.4	81	02

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 Note 03 60/50 Hz rated with no derate on HP; 230/460 volt 60 Hz ratings operate on 190/380 volt 50 Hz, 460V 60 Hz ratings operate on 380V 50 Hz; Full 60 & 50 Hz data on Nameplate
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General Purpose Three Phase Open Dripproof (ODP) Energy Efficient



FD, FR

APPLICATIONS:

Designed to meet manufacturer's requirements for pumps, fans, compressors, material handling and other general purpose applications where contaminants are minimal.

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
30	1800	208-230/460	286T	D30E2D	\$1,981	DS-3FOP	1.15	24.9	250	92.4	78-71/35	02, 03
	1800	575	286T	D30E2G	\$1,981	DS-3FOP	1.15	24.9	250	92.4	28.4	02
	1200	208-230/460	326T	D30E3D	\$2,840	DS-3FOP	1.15	27.3	460	92.4	80-71/35	02, 03
	1200	575	326T	D30E3G	\$2,840	DS-3FOP	1.15	27.3	460	92.4	28.3	02
40	3600	208-230/460	286TS	D40E1DS	\$2,501	DS-3FOP	1.15	23.5	275	91.7	104-90/45	02, 03
	3600	575	286TS	D40E1GS	\$2,501	DS-3FOP	1.15	23.5	275	91.7	36.0	02
	1800	200	324T	D40E2H	\$2,459	DS-3FOP	1.15	27.3	420	93	106	02
	1800	208-230/460	324T	D40E2D	\$2,459	DS-3FOP	1.15	27.3	420	93.6	102-91/46	02, 03
	1800	575	324T	D40E2G	\$2,459	DS-3FOP	1.15	27.3	420	93	37.0	02
	1800	208-230/460	324TS	D40E2DS	\$2,459	DS-3FOP	1.15	25.8	420	93.6	102-91/46	02, 03
	1800	575	324TS	D40E2GS	\$2,459	DS-3FOP	1.15	25.8	420	93	37.0	02
	1200	230/460	364T	D40E3E	\$4,168	DS-3FOP	1.15	28.7	580	93.6	93/46	02, 03
	1200	575	364T	D40E3G	\$4,168	DS-3FOP	1.15	28.7	580	93.6	37.0	02
	50	3600	208-230/460	324TS	D50E1DS	\$2,591	DS-3FOP	1.15	25.8	420	92.4	129-116/58
3600		575	324TS	D50E1GS	\$2,591	DS-3FOP	1.15	25.8	420	92.4	46	02
1800		200	326T	D50E2H	\$2,967	DS-3FOP	1.15	27.3	460	93	131	02
1800		208-230/460	326T	D50E2D	\$2,967	DS-3FOP	1.15	27.3	420	93.6	128-116/58	02, 03
1800		575	326T	D50E2G	\$2,967	DS-3FOP	1.15	27.3	460	93	46	02
1800		208-230/460	326TS	D50E2DS	\$2,967	DS-3FOP	1.15	25.8	460	93.6	128-116/58	02, 03
1800		460	326TS	D50E2SS	\$2,967	DS-3FOP	1.15	25.8	460	93	58	-
1200		230/460	365T	D50E3E	\$5,017	DS-3FOP	1.15	29.7	600	93.6	58	02, 03
1200		575	365T	D50E3G	\$5,017	DS-3FOP	1.15	29.7	600	93.6	46	02
60		3600	208-230/460	326TS	D60E1DS	\$3,621	DS-3FOP	1.15	25.8	460	93	155-136/68
	3600	575	326TS	D60E1GS	\$3,621	DS-3FOP	1.15	25.8	460	93	54	02
	1800	230/460	364T	D60E2E	\$3,661	DS-3FOP	1.15	28.7	580	93.6	150/75	02, 03
	1800	575	364T	D60E2G	\$3,661	DS-3FOP	1.15	28.7	580	94.1	55	02
	1800	230/460	364TS	D60E2ES	\$3,661	DS-3FOP	1.15	26.6	580	93.6	150/75	02, 03
	1800	575	364TS	D60E2GS	\$3,661	DS-3FOP	1.15	26.6	580	94.1	55	02
	1200	230/460	404T	D60E3E	\$5,852	DS-3FOP	1.15	32.6	750	94.1	69	02, 03
	75	3600	230/460	364TS	D75E1ES	\$4,320	DS-3FOP	1.15	26.6	580	94.1	171/85
75	3600	575	364TS	D75E1GS	\$4,320	DS-3FOP	1.15	26.6	580	94.1	68	02
	1800	230/460	365T	D75E2E	\$4,494	DS-3FOP	1.15	29.7	600	94.1	172/86	02, 03
	1800	575	365T	D75E2G	\$4,494	DS-3FOP	1.15	29.7	600	95	70	02
	1800	230/460	365TS	D75E2ES	\$4,494	DS-3FOP	1.15	27.6	600	94.1	172/86	02, 03
	1800	575	365TS	D75E2GS	\$4,494	DS-3FOP	1.15	27.6	600	95	70	02
	1200	230/460	405T	D75E3E	\$6,911	DS-3FOP	1.15	34.1	800	94.1	172/86	02, 03
	1200	575	405T	D75E3G	\$6,911	DS-3FOP	1.15	34.1	800	93.6	69	02
	100	3600	230/460	365TS	D100E1ES	\$4,885	DS-3FOP	1.15	27.6	600	93.6	112
3600		575	365TS	D100E1GS	\$4,885	DS-3FOP	1.15	27.6	600	94.1	89	02

Note 02 Suitable for Wye-Delta start on voltages shown
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General Purpose Three Phase Open Dripproof (ODP) Energy Efficient



FD, FR

APPLICATIONS:

Designed to meet manufacturer's requirements for pumps, fans, compressors, material handling and other general purpose applications where contaminants are minimal.

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
100	1800	230/460	404T	D100E2E	\$4,905	DS-3FOP	1.15	32.6	750	94.5	226/113	02, 03
	1800	575	404T	D100E2G	\$4,905	DS-3FOP	1.15	32.6	750	95	90	02
	1800	230/460	404TS	D100E2ES	\$4,905	DS-3FOP	1.15	29.6	750	94.5	226/113	02, 03
	1800	575	404TS	D100E2GS	\$4,905	DS-3FOP	1.15	29.6	750	95	90	02
	1200	230/460	444T	D100E3E	\$7,471	DS-3FOP	1.15	37.8	1100	94.1	244/122	02, 03
	1200	575	444T	D100E3G	\$7,471	DS-3FOP	1.15	37.8	1100	95	98	02
125	3600	460	404TS	D125E1FS	\$5,575	DS-3FOP	1.15	29.6	750	94.1	137	02, 03
	3600	575	404TS	D125E1GS	\$5,575	DS-3FOP	1.15	29.6	750	94.1	110	02
	1800	460	405T	D125E2F	\$5,640	DS-3FOP	1.15	34.1	800	95	140	02, 03
	1800	575	405T	D125E2G	\$5,640	DS-3FOP	1.15	34.1	800	95	112	02
	1800	460	405TS	D125E2FS	\$5,640	DS-3FOP	1.15	31.1	800	95	140	02, 03
	1800	460	405TS	D125E2SS	\$5,640	DS-3FOP	1.15	31.1	800	95	140	-
	1800	575	405TS	D125E2GS	\$5,640	DS-3FOP	1.15	31.1	800	95	112	02
	1200	460	445T	D125E3F	\$7,994	DS-3FOP	1.15	39.8	1200	95	151	02, 03
	1200	575	445T	D125E3G	\$7,994	DS-3FOP	1.15	39.8	1200	95	122	02
	900	460	445T	D125E4F	\$11,987	DS-3FOP	1.15	39.8	1200	94.1	154	02, 03
150	900	575	445T	D125E4G	\$11,987	DS-3FOP	1.15	39.8	1200	93.6	124	02
	3600	460	405TS	D150E1FS	\$7,525	DS-3FOP	1.15	31.1	800	93.6	165	-
	3600	575	405TS	D150E1GS	\$7,525	DS-3FOP	1.15	31.1	800	93.6	132	02
	1800	460	444T	D150E2F	\$7,300	DS-3FOP	1.15	37.8	1100	95.4	172	02, 03
	1800	575	444T	D150E2G	\$7,300	DS-3FOP	1.15	37.8	1100	95.4	138	02
	1800	460	444TS	D150E2FS	\$7,300	DS-3FOP	1.15	34.0	1100	95	171	-
	1800	460	444TS	D150E2SS	\$7,300	DS-3FOP	1.15	34.0	1100	95.4	172	-
	1800	575	444TS	D150E2GS	\$7,300	DS-3FOP	1.15	34.0	1100	95.4	138	02
	1200	460	445T	D150E3F	\$8,641	DS-3FOP	1.15	39.8	1200	95.4	185	02, 03
	900	460	447T	D150E4F	\$13,524	DS-3FOP	1.15	43.3	1700	94.1	183	02, 03
200	900	575	447T	D150E4G	\$13,524	DS-3FOP	1.15	43.3	1700	94.1	146	02
	3600	460	444TS	D200E1FS	\$8,302	DS-3FOP	1.15	34.0	1100	94.5	226	02, 03
	3600	575	444TS	D200E1GS	\$8,302	DS-3FOP	1.15	34.0	1100	94.5	181	02
	1800	460	445T	D200E2F	\$8,518	DS-3FOP	1.15	39.8	1200	95	235	02, 03
	1800	575	445T	D200E2G	\$8,518	DS-3FOP	1.15	39.8	1200	95.8	184	02
	1800	460	445TS	D200E2FS	\$8,518	DS-3FOP	1.15	36.0	1400	95	235	02, 03
	1800	575	445TS	D200E2GS	\$8,518	DS-3FOP	1.15	36.0	1200	95.8	184	02
	1200	460	445T	D200E3F	\$11,001	DS-3FOP	1.15	39.8	1200	94.5	234	02, 03
	1200	575	445T	D200E3G	\$11,001	DS-3FOP	1.15	39.8	1200	94.5	186	02
	900	460	449T	D200E4F	\$13,755	DS-3FOP	1.15	48.3	2000	93.6	255	02, 03, 57
250	900	575	449T	D200E4G	\$13,755	DS-3FOP	1.15	48.3	2000	93.6	202	02, 57
	3600	460	445TS	D250E1FS	\$10,139	DS-3FOP	1.15	36.0	1200	95	281	02, 03
	3600	575	445TS	D250E1GS	\$10,139	DS-3FOP	1.15	36.0	1200	94.5	225	02

Note 02 Suitable for Wye-Delta start on voltages shown
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General Purpose Three Phase Open Dripproof (ODP) Energy Efficient



FD, FR

APPLICATIONS:

Designed to meet manufacturer's requirements for pumps, fans, compressors, material handling and other general purpose applications where contaminants are minimal.

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
250	1800	460	445T	D250E2F	\$10,094	DS-3FOP	1.15	39.8	1200	95.4	277	02, 03
	1800	575	445T	D250E2G	\$10,094	DS-3FOP	1.15	39.8	1200	95.4	221	02
	1800	460	445TS	D250E2FS	\$10,094	DS-3FOP	1.15	36.0	1200	95.4	277	02, 03
	1800	575	445TS	D250E2GS	\$10,094	DS-3FOP	1.15	36.0	1200	95.4	221	02
	1200	460	447T	D250E3F	\$13,031	DS-3FOP	1.15	43.3	1700	95.4	284	02, 03
	1200	575	447T	D250E3G	\$13,031	DS-3FOP	1.15	43.3	1700	95.4	229	02
300	3600	460	445TS	D300E1FS	\$15,851	DS-3FOP	1.15	36.0	1200	95.4	326	02, 03
	3600	575	445TS	D300E1GS	\$15,851	DS-3FOP	1.15	36.0	1200	95.4	256	02
	1800	460	447T	D300E2F	\$13,230	DS-3FOP	1.15	43.3	1700	95.4	329	02, 03
	1800	575	447T	D300E2G	\$13,230	DS-3FOP	1.15	43.3	1700	95.4	262	02
	1800	460	447TS	D300E2FS	\$13,230	DS-3FOP	1.15	39.5	1700	95.4	329	02, 03
	1800	575	447TS	D300E2GS	\$13,230	DS-3FOP	1.15	39.5	1700	95.4	263	02
	1200	460	449T	D300E3F	\$15,132	DS-3FOP	1.15	48.3	2000	95	350	02, 03, 57
350	3600	460	447TS	D350E1FS	\$18,142	DS-3FOP	1.15	39.5	1700	95.4	377	02, 03
	3600	575	447TS	D350E1GS	\$18,142	DS-3FOP	1.15	39.5	1700	95.4	297	02
	1800	460	447T	D350E2F	\$17,924	DS-3FOP	1.15	43.3	1700	95.8	383	02, 03
	1800	575	447T	D350E2G	\$17,924	DS-3FOP	1.15	43.3	1700	95.4	305	02
	1800	460	447TS	D350E2FS	\$17,924	DS-3FOP	1.15	39.5	1700	95.8	383	02, 03
	1800	575	447TS	D350E2GS	\$17,924	DS-3FOP	1.15	39.5	1700	95.4	307	02
400	3600	575	447TS	D400E1GS	\$21,284	DS-3FOP	1.15	39.5	1700	95.4	343	02
	3600	460	449TS	D400E1FS	\$21,284	DS-3FOP	1.15	44.5	2000	95.4	434	-
	1800	460	449TM	D400E2F	\$19,454	DS-3FOP	1.15	44.5	2000	95.8	441	02, 03, 57
	1800	575	449TM	D400E2GT	\$19,454	DS-3FOP	1.15	44.5	2000	95.8	349	02, 57

Note 02 Suitable for Wye-Delta start on voltages shown
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General Purpose Three Phase Open Dripproof (ODP) Energy Efficient



FD, FR

APPLICATIONS:

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FEATURES:

- Class F Insulation, Class B Rise At Service Factor
- Rolled Steel Frame 56-320, Cast Iron Frame 360-440
- Aluminum End Shields 56-250, Cast Iron End Shields 280-440
- "CE" Mark on Nameplate (140 Frame & Larger)
- 40°C Ambient, NEMA® Design B Performance (4)
- Regreasable Bearings 180 Frame & Up
- Double Shielded Bearings 140-400, Open On 440
- F1 Assembly Position
- Conversion Kits: Canopy Kits (140-320 Frame)
- Lifting Provisions 210 Frame & Up

Highlighted ratings typically available for immediate shipment

Discount Symbol DS-3E

HP	RPM	Voltage	Frame	Catalog Number	List	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
1	1800	200	143T	D1P2H	\$414	1.15	12.8	35	85.5	3.6	-
	1800	230/460	143T	D1P2B	\$414	1.15	12.8	35	85.5	3.1/1.5	-
	1800	575	143T	D1P2G	\$414	1.15	12.8	35	85.5	1.3	-
	1200	230/460	145T	D1P3B	\$486	1.15	14.1	40	82.5	4.0/2.0	-
	1200	575	145T	D1P3G	\$486	1.15	14.1	40	82.5	1.6	-
1-1/2	3600	230/460	143T	D32P1B	\$408	1.15	12.8	35	85.5	3.8/1.9	-
	3600	575	143T	D32P1G	\$408	1.15	12.8	35	84	1.5	-
	1800	200	145T	D32P2H	\$434	1.15	12.8	40	86.5	4.8	-
	1800	230/460	145T	D32P2B	\$434	1.15	12.8	40	86.5	4.2/2.1	-
	1800	230/460	145T	D32P2B2	\$434	1.15	12.8	40	86.5	4.2/2.1	05
	1800	575	145T	D32P2G	\$434	1.15	12.8	40	86.5	1.7	-
	1200	230/460	182T	D32P3B	\$569	1.15	15.0	45	86.5	5/2.5	-
2	1200	575	182T	D32P3G	\$569	1.15	15.0	45	86.5	2.0	-
	3600	230/460	145T	D2P1B	\$478	1.15	12.8	40	85.5	5/2.5	-
	3600	575	145T	D2P1G	\$478	1.15	12.8	40	85.5	2.0	-
	1800	200	145T	D2P2H	\$464	1.15	12.8	45	86.5	6.4	-
	1800	200	145T	D2P2H2	\$464	1.15	12.8	45	86.5	6.4	05
	1800	230/460	145T	D2P2B	\$464	1.15	12.8	45	86.5	5.5/2.8	-
	1800	230/460	145T	D2P2B2	\$464	1.15	12.8	45	86.5	5.5/2.7	05
	1800	575	145T	D2P2G	\$464	1.15	12.8	45	86.5	2.2	-
	1200	230/460	184T	D2P3B	\$581	1.15	15.0	60	87.5	6.3/3.1	-
3	1200	575	184T	D2P3G	\$581	1.15	15.0	60	87.5	2.5	-
	3600	230/460	145T	D3P1B	\$486	1.15	12.8	40	85.5	7.4/3.7	-
	3600	575	145T	D3P1G	\$486	1.15	12.8	40	85.5	2.9	-
	1800	200	182T	D3P2H	\$501	1.15	15.0	50	89.5	9.1	-
	1800	230/460	182T	D3P2B	\$501	1.15	15.0	50	90.2	7.9/3.9	-
	1800	575	182T	D3P2G	\$501	1.15	15.0	50	90.2	3.1	-
	1200	230/460	213T	D3P3B	\$740	1.15	16.0	90	89.5	8.8/4.4	-
5	1200	575	213T	D3P3G	\$740	1.15	16.0	90	88.5	3.6	-
	3600	230/460	182T	D5P1B	\$531	1.15	15.0	50	89.5	12.3/6.2	-
	3600	575	182T	D5P1G	\$531	1.15	15.0	50	89.5	4.9	-
	1800	200	184T	D5P2H	\$549	1.15	15.0	100	89.5	14.8	-
	1800	230/460	184T	D5P2B	\$549	1.15	15.0	60	89.5	12.9/6.5	-
	1800	575	184T	D5P2G	\$549	1.15	15.0	60	89.5	5.2	-
	1200	230/460	215T	D5P3B	\$971	1.15	17.5	100	89.5	14.5/7.3	-
1200	575	215T	D5P3G	\$971	1.15	17.5	100	89.5	5.7	-	

Note 04 On 60 Hz Sine Wave Power

Note 06 Dual Voltage Ratings, Part Winding Start on low voltage only

Note 05 F2 Assembly Position

Note 14 NEMA® Design A

† All non-Emerson Electric Co. marks shown within this document are properties of their other respective owners

General Purpose Three Phase Open Dripproof (ODP) Energy Efficient



FD, FR

APPLICATIONS:

Designed to meet manufacturer's requirements for pumps, fans, compressors, material handling and other general purpose applications where contaminants are minimal.

HP	RPM	Voltage	Frame	Catalog Number	List	SF	"C" Dim. (Inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
7-1/2	3600	230/460	184T	D7P1B	\$844	1.15	15.0	60	89.5	18.3/9.1	-
	3600	575	184T	D7P1G	\$844	1.15	15.0	60	88.5	7.3	-
	1800	200	213T	D7P2H	\$807	1.15	16.0	90	91	21.4	-
	1800	230/460	213T	D7P2B	\$807	1.15	16.0	90	91	18.5/9.3	-
	1800	575	213T	D7P2G	\$807	1.15	16.0	90	91	7.2	-
	1200	230/460	254T	D7P3B	\$1,166	1.15	22.6	150	91.7	20.3/10.1	-
	1200	575	254T	D7P3G	\$1,166	1.15	22.6	150	90.2	8.1	-
10	3600	230/460	213T	D10P1B	\$964	1.15	16.0	90	90.2	24.3/12.2	-
	3600	575	213T	D10P1G	\$964	1.15	16.0	90	90.2	9.7	-
	1800	200	215T	D10P2H	\$979	1.15	17.5	100	91.7	28.1	-
	1800	230/460	215T	D10P2B	\$979	1.15	-	100	91.7	23.8/11.9	-
	1800	575	215T	D10P2G	\$979	1.15	17.5	100	91.7	9.8	-
	1200	230/460	256T	D10P3B	\$1,517	1.15	22.6	160	91.7	26.0/13.0	-
	1200	575	256T	D10P3G	\$1,517	1.15	22.0	160	91.7	10.6	-
15	3600	230/460	215T	D15P1B	\$1,371	1.15	17.5	100	91	36.0/18	-
	3600	575	215T	D15P1G	\$1,371	1.15	17.5	100	90.2	14.6	-
	1800	200	254T	D15P2H	\$1,387	1.15	22.6	150	93	42	-
	1800	230/460	254T	D15P2B	\$1,387	1.15	22.6	150	93	37.0/18.5	-
	1800	575	254T	D15P2G	\$1,387	1.15	22.6	150	93	14.8	-
	1200	230/460	284T	D15P3B	\$2,047	1.15	24.9	300	91.7	37.0/18.5	06
	1200	575	284T	D15P3G	\$2,047	1.15	24.9	300	91.7	10.6	-
20	3600	230/460	254T	D20P1B	\$1,611	1.15	22.6	150	92.4	47/23.4	-
	3600	575	254T	D20P1G	\$1,611	1.15	20.0	150	91	18.7	-
	1800	200	256T	D20P2H	\$1,743	1.15	22.6	160	93.6	56	-
	1800	230/460	256T	D20P2B	\$1,743	1.15	22.6	160	93.6	48/24.2	-
	1800	575	256T	D20P2G	\$1,743	1.15	22.6	160	93	19.2	-
	1200	230/460	286T	D20P3B	\$2,493	1.15	24.9	325	91.7	48/24.2	-
	1200	575	286T	D20P3G	\$2,493	1.15	24.9	325	91.7	10.6	-
25	3600	230/460	256T	D25P1B	\$1,935	1.15	22.6	160	93	58/28.8	14
	3600	575	256T	D25P1G	\$1,935	1.15	22.0	160	91.7	23.7	-
	1800	200	284T	D25P2H	\$2,125	1.15	24.9	300	94.1	67	-
	1800	230/460	284T	D25P2B	\$2,125	1.15	24.9	300	93.6	58/29.2	06
	1800	575	284T	D25P2G	\$2,125	1.15	24.9	300	94.1	23.1	-
	1800	230/460	284TS	D25P2BS	\$2,125	1.15	23.5	300	94.1	58/29.2	06
	1800	460	284TS	D25P2CS	\$2,125	1.15	23.5	300	94.1	29.2	-
	1200	230/460	324T	D25P3B	\$3,011	1.15	27.3	385	93.6	59/29.4	06
	1200	575	324T	D25P3G	\$3,011	1.15	27.3	385	93.6	23.5	-
	1200	230/460	324T	D25P3G	\$3,011	1.15	27.3	385	93.6	23.5	-
30	3600	200	284TS	D30P1HS	\$2,283	1.15	23.5	300	93.6	78	-
	3600	230/460	284TS	D30P1BS	\$2,283	1.15	23.5	300	93	68/34	06
	3600	575	284TS	D30P1GS	\$2,283	1.15	23.5	300	93	27.4	-
	1800	230/460	286T	D30P2B	\$2,324	1.15	24.9	350	93.6	69/35	06
	1800	575	286T	D30P2G	\$2,324	1.15	24.9	350	94.1	27.7	-
	1800	230/460	286TS	D30P2BS	\$2,324	1.15	23.5	350	93.6	69	06
	1200	230/460	326T	D30P3B	\$3,141	1.15	27.3	415	93.6	70/35	06
	1200	575	326T	D30P3G	\$3,141	1.15	27.3	415	93.6	29.1	-
40	3600	230/460	286TS	D40P1BS	\$2,944	1.15	23.5	350	94.1	90/45	06
	3600	575	286TS	D40P1GS	\$2,944	1.15	23.5	350	93	36.0	-

Note 04 On 60 Hz Sine Wave Power

Note 05 F2 Assembly Position

Note 06 Dual Voltage Ratings, Part Winding Start on low voltage only

Note 14 NEMA® Design A

† All non-Emerson Electric Co. marks shown within this document are properties of their other respective owners

General Purpose Three Phase Open Dripproof (ODP) Energy Efficient



FD, FR

APPLICATIONS:

Designed to meet manufacturer's requirements for pumps, fans, compressors, material handling and other general purpose applications where contaminants are minimal.

HP	RPM	Voltage	Frame	Catalog Number	List	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
40	1800	200	324T	D40P2H	\$3,032	1.15	27.3	385	94.1	105	-
	1800	230/460	324T	D40P2B	\$3,032	1.15	27.3	385	94.5	91/46	06
	1800	575	324T	D40P2G	\$3,032	1.15	27.3	385	94.5	37.0	-
	1200	230/460	364T	D40P3B	\$4,476	1.15	29.0	580	94.5	92/46	06
50	3600	200	324TS	D50P1HS	\$3,207	1.15	26.0	385	93.6	134	-
	3600	230/460	324TS	D50P1BS	\$3,207	1.15	26.0	385	93	117/59	06
	3600	575	324TS	D50P1GS	\$3,207	1.15	26.0	385	93.6	47	-
	1800	230/460	326T	D50P2B	\$3,347	1.15	27.3	415	94.5	114/57	06
	1800	575	326T	D50P2G	\$3,347	1.15	27.3	415	94.5	46	-
	1200	230/460	365T	D50P3B	\$5,418	1.15	30.0	580	94.5	115/57	06
60	3600	200	326TS	D60P1HS	\$4,057	1.15	26.0	415	94.1	156	-
	3600	230/460	326TS	D60P1BS	\$4,057	1.15	26.0	415	93.6	136/68	06
	3600	575	326TS	D60P1GS	\$4,057	1.15	26.0	415	94.1	54	-
	1800	230/460	364T	D60P2B	\$4,213	1.15	29.0	580	95	138/69	-
	1800	575	364T	D60P2G	\$4,213	1.15	29.0	580	95	55	-
	1200	230/460	404T	D60P3B	\$6,742	1.15	33.0	750	95	138/69	06
75	3600	230/460	364TS	D75P1BS	\$5,324	1.15	27.3	580	94.1	171/86	06
	3600	575	364TS	D75P1GS	\$5,324	1.15	27.3	580	94.1	69	-
	1800	230/460	365T	D75P2B	\$5,172	1.15	30.0	600	95	172/86	-
	1800	575	365T	D75P2G	\$5,172	1.15	30.0	600	95	69	-
	1200	230/460	405T	D75P3B	\$7,507	1.15	34.0	800	95	170/85	06
100	3600	230/460	365TS	D100P1BS	\$5,691	1.15	28.0	600	94.5	225/112	06
	3600	575	365TS	D100P1GS	\$5,691	1.15	28.0	600	93.6	90	-
	1800	230/460	404T	D100P2B	\$5,898	1.15	33.0	750	95.4	225/112	06
	1800	575	404T	D100P2G	\$5,898	1.15	33.0	750	95.4	90	-
	1800	230/460	404TS	D100P2BS	\$5,898	1.15	30.0	750	95.4	225/112	06
	1200	460	444T	D100P3C	\$7,536	1.15	38.0	1100	95.4	121	-
125	3600	460	404TS	D125P1CS	\$7,000	1.15	30.0	750	95	136	-
	3600	575	404TS	D125P1GS	\$7,000	1.15	30.0	750	94.1	109	-
	1800	460	405T	D125P2C	\$7,235	1.15	34.0	800	95.4	140	-
	1800	575	405T	D125P2G	\$7,235	1.15	34.0	800	95.4	112	-
	1200	460	445T	D125P3C	\$8,924	1.15	40.0	1200	95.4	151	-
150	3600	460	405TS	D150P1CS	\$8,635	1.15	31.0	800	94.5	164	-
	3600	575	405TS	D150P1GS	\$8,635	1.15	31.0	800	94.1	131	-
	1800	460	444T	D150P2C	\$8,037	1.15	38.0	1100	96.2	169	-
	1800	575	444T	D150P2G	\$8,037	1.15	38.0	1100	95.8	136	-
	1800	460	444TS	D150P2CS	\$8,037	1.15	34.0	1100	95.8	169	-
	1200	460	445T	D150P3C	\$10,510	1.15	40.0	1200	95.8	190	-
200	3600	460	444TS	D200P1CS	\$9,786	1.15	34.0	1100	95	228	-
	1800	460	445T	D200P2C	\$10,044	1.15	40.0	1200	96.2	231	-
	1800	575	445T	D200P2G	\$10,044	1.15	40.0	1200	95.8	187	-
	1200	460	447T	D200P3C	\$13,816	1.15	43.0	1700	95.4	250	-
250	3600	460	445TS	D250P1CS	\$16,481	1.15	36.0	1200	95.4	282	-
	3600	575	445TS	D250P1GS	\$16,481	1.15	36.0	1200	95.4	227	-
	1800	460	447T	D250P2C	\$11,357	1.15	43.0	1700	96.2	286	-

Note 04 On 60 Hz Sine Wave Power

Note 05 F2 Assembly Position

Note 06 Dual Voltage Ratings, Part Winding Start on low voltage only

Note 14 NEMA® Design A

† All non-Emerson Electric Co. marks shown within this document are properties of their other respective owners

General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) Unimount® Energy Efficient



UT, FUT

APPLICATIONS:

Designed to meet manufacturer's requirements for pumps, fans, compressors, material handling and other general purpose applications in damp, dusty or dirty environments.

FEATURES:

- Class F Insulation, Class B Rise at Full Load (4)
- Aluminum Frame (180-280)
- Rolled Steel Frame (56-140)
- Aluminum, End Shields with Steel Bearing Inserts
- Conduit Box Shipped Loose (180 Frame & Up Only)
- Full 50 & 60 Hertz Operating Data on Nameplate (3)
- 40°C Ambient, NEMA® Design B Performance (4)
- Conversion Kits: C&D Flanges, Canopy, Brakes (56-210 Frames)
- Full HP @ 50 Hz
- Regreasable Bearings 250 Frame & Up
- Doubled Shielded Bearings 180-280
- Suitable For Wye-Delta Start 250 Frame & Larger
- Dual Voltage Ratings Suitable For Part Winding Start (PWS) On Low Voltage
- CE Mark On Nameplate 140 Frame & Larger
- Lifting Provisions 180 Frame & Up
- Removable Base 180 Frame & Up

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
1/4	1800	208-230/460	48	TN14S2D4	\$224	DS-3FMP	1.00	9.0	17	-	1.2-1.2/0.6	28
	1800	208-230/460	56	T14S2A	\$243	DS-3F	1.15	10.9	17	-	1.1-1.1/0.5	-
	1200	208-230/460	56	T14S3D	\$334	DS-3FMP	1.15	11.1	17	-	1.4-1.4/0.7	-
1/3	3600	208-230/460	48	TN13S1D4	\$217	DS-3FMP	1.00	8.9	17	-	1.3-1.4/0.7	28
	1800	230/460	48	TN13S2B4	\$261	DS-3FMP	1.00	9.0	19	-	1.3/0.65	28
	1800	208-220/440	56	T13S2M	\$250	DS-3F	1.35	10.5	19	-	1.5/0.75	19
	1800	230/460	56	TN13S2B	\$250	DS-3FMP	1.00	10.8	25	-	1.1/0.55	28, LA
1/2	3600	208-230/460	48	T12S1D4	\$251	DS-3FMP	1.00	10.5	19	-	1.8-1.8/0.9	-
	3600	575	56	4439	\$251	DS-3FMP	1.00	10.7	20	-	0.77	LA
	3600	208-230/460	56	T12S1A	\$251	DS-3F	1.00	10.8	20	-	2.0-2.0/1.0	-
	1800	230/460	48	T12S2B4	\$306	DS-3FMP	1.00	10.5	19	-	1.9/0.95	-
	1800	575	56	4357	\$195	DS-3FMP	1.00	10.1	22	-	0.77	-
	1800	208-220/440	56	T12S2M	\$310	DS-3F	1.00	11.4	21	-	2.0/1.0	19
	1800	230/460	56	TN12S2B	\$292	DS-3FMP	1.00	10.5	26	-	1.6/0.8	28
	1800	575	56	T12S2G	\$310	DS-3F	1.00	11.3	23	-	0.80	-
	1200	208-230/460	56	T12S3A	\$355	DS-3F	1.00	10.5	23	-	2.2-2.3/1.1	-
	1200	575	56	T12S3G	\$355	DS-3F	1.00	10.5	26	-	0.85	-
3/4	3600	230/460	48	T34S1B4	\$277	DS-3FMP	1.00	10.1	22	-	2.4/1.2	-
	3600	575	56	T34S1G	\$305	DS-3F	1.00	11.3	22	-	0.95	LA
	3600	208-230/460	56	T34S1A	\$305	DS-3F	1.00	11.4	22	-	2.5-2.5/1.2	-
	1800	230/460	48	T34S2B4	\$332	DS-3FMP	1.00	11.3	22	-	3.0/1.5	-
	1800	208-230/460	56	T34S2A	\$333	DS-3F	1.25	12.5	23	-	3.0-3.0/1.5	-
	1800	575	56	T34S2G	\$333	DS-3F	1.25	12.5	25	-	1.1	37
	1200	208-230/460	143T	T34S3B14	\$414	DS-3FMP	1.25	12.5	30	75.5	3.4-3.5/1.7	-
	1200	208-220/440	56H	T34S3MH	\$414	DS-3FMP	1.25	12.8	31	-	3.0-3.0/1.5	-
1	3600	208-230/460	56	U1E1D	\$267	DS-3F	1.25	12.8	32	-	3.1-2.7/1.4	03
	3600	575	56	U1E1G	\$267	DS-3F	1.25	12.3	32	-	1.2	-
	1800	208-230/460	143T	U1E2D	\$291	DS-3FTE	1.25	11.5	35	82.5	3.1-3.0/1.5	03
	1800	575	143T	U1E2G	\$291	DS-3FTE	1.25	12.3	35	82.5	1.2	-
	1800	208-220/440	56H	T1S2MH	\$275	DS-3FMP	1.25	12.8	29	-	3.4-3.4/1.7	-

Note 02 Suitable for Wye-Delta start on voltages shown
 Note 03 60/50 Hz rated with no derate on horsepower, 230/460 volt 60 Hz ratings operate on 190/380 volt 50 Hz. 460 Volt 60 Hz ratings operate on 380 volt 50 Hz power. Full 60 Hz and 50 Hz data is displayed on N/P
 Note 04 On 60 Hertz Sine Wave power
 Note 16 Motors marked 208-230/460 volts may not meet all NEMA® (MG-1) performance standards when operated at 208 volts

Note 19 Also rated for 190/380, 220/415 volt 50 Hz at 1.0 Service Factor
 Note 26 Does not include World Motor® features
 Note 28 TENV Enclosure
 Note 37 Q-3 leads for across-the-line start
 Note LA Limited Availability
 † All non-Emerson Electric Co. marks shown within this document are properties of their other respective owners

General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) Unimount® Energy Efficient



UT, FUT

APPLICATIONS:

Designed to meet manufacturer's requirements for pumps, fans, compressors, material handling and other general purpose applications in damp, dusty or dirty environments.

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
1	1800	230/460	56H	TN1S2MH	\$324	DS-3FMP	1.25	12.8	32	-	3.1/1.5	28
	1800	208-230/460	56HZ	T1E2DHZ	\$304	DS-3FMP	1.15	12.2	28	-	4.0-3.8/1.9	-
	1200	208-230/460	145T	U1E3D	\$455	DS-3FTE	1.25	16.1	40	80	3.7-3.5/1.8	03
	1200	575	145T	U1E3G	\$455	DS-3FTE	1.25	16.1	40	80	1.5	-
	1200	208-230/460	56H	T1S3D	\$421	DS-3FMP	1.25	16.1	32	-	4.2-4.3/2.2	-
	1200	208-230/460	56HZ	T1E3DHZ	\$615	DS-3FMP	1.25	12.8	32	-	4.0-4.0/2.0	-
	900	208-230/460	182T	U1E4D	\$840	DS-3FTE	1.25	12.3	60	74	4.4-4.7/2.4	03
	900	575	182T	U1E4G	\$840	DS-3FTE	1.25	12.8	60	74	1.9	-
1-1/2	3600	208-230/460	143T	U32E1D	\$378	DS-3FTE	1.25	12.8	35	82.5	4.3-3.9/1.9	03
	3600	575	143T	U32E1G	\$378	DS-3FTE	1.25	12.8	35	82.5	1.6	-
	3600	208-230/460	56H	T32S1AH	\$356	DS-3F	1.00	12.7	26	80	4.7-4.5/2.2	-
	1800	208-230/460	145T	U32E2D	\$297	DS-3FTE	1.25	16.1	40	84	4.6-4.4/2.2	03
	1800	575	145T	U32E2G	\$297	DS-3FTE	1.25	14.9	40	84	1.8	-
	1800	208-230/460	56H	T32S2MH	\$309	DS-3FMP	1.25	16.1	34	77.0	4.9-4.8/2.4	-
	1200	208-230/460	182T	S32E3D	\$525	DS-3FTE	1.25	16.9	64	85.5	5.5-5.4/2.7	04,16,26
	1200	208-230/460	182T	U32E3D	\$525	DS-3FTE	1.25	16.9	64	85.5	5.3-5.3/2.7	03
	1200	575	182T	U32E3G	\$525	DS-3FTE	1.25	12.8	64	85.5	2.1	-
	1200	208-230/460	56	T32S3AH	\$483	DS-3FMP	1.25	12.8	41	-	5.4-5.3/2.6	-
	900	208-230/460	184T	U32E4D	\$994	DS-3FTE	1.25	12.3	70	78.5	6.2-6.6/3.3	03
	900	575	184T	U32E4G	\$994	DS-3FTE	1.25	13.1	70	78.5	2.6	-
2	3600	208-230/460	145T	U2E1D	\$435	DS-3FTE	1.25	12.8	40	84	5.6-5/2.5	03
	3600	575	145T	U2E1G	\$435	DS-3FTE	1.25	12.8	40	84	2.0	-
	3600	575	56H	4455	\$400	DS-3FMP	1.00	12.8	31	0	2.3	-
	3600	208-230/460	56H	T2S1AH	\$400	DS-3F	1.00	13.2	33	80	6.0-5.4/2.7	-
	3600	208-230/460	56HZ	T2E1AHZ	\$435	DS-3F	1.00	13.2	32	84	6.3-6.1/3.1	-
	1800	200	145T	U2E2H	\$313	DS-3FTE	1.25	16.9	45	84	6.8	-
	1800	208-230/460	145T	U2E2D	\$313	DS-3FTE	1.25	15.9	45	84	5.8-5.7/2.8	03
	1800	575	145T	U2E2G	\$313	DS-3FTE	1.25	16.9	45	84	2.4	-
	1800	208-220/440	56H	T2S2MH	\$334	DS-3FMP	1.25	16.9	36	80.0	6.2-6.2/3.1	-
	1800	575	56H	T2S1G	\$400	DS-3F	1.25	18.6	31	80	2.3	-
	1800	208-230/460	56HZ	T2E2AHZ	\$350	DS-3F	1.25	18.6	36	84	6.0/3.0	-
	1200	208-230/460	184T	S2E3D	\$565	DS-3FTE	1.25	13.8	74	86.5	7.0-6.8/3.4	04, 16, 26
	1200	208-230/460	184T	U2E3D	\$565	DS-3FTE	1.25	16.1	74	86.5	7.0-6.8/3.4	03
	1200	575	184T	U2E3G	\$565	DS-3FTE	1.25	14.9	74	86.5	2.7	-
3	3600	208-230/460	145T	U3E1DF	\$479	DS-3FTE	1.25	14.9	53	85.5	8.2-7.2/3.6	03
	3600	575	145T	U3E1GF	\$479	DS-3FTE	1.25	16.1	53	85.5	2.9	-
	3600	208-230/460	182T	S3E1D	\$531	DS-3FTE	1.25	18.6	50	85.5	8.6-8/4.0	04, 16, 26
	3600	208-230/460	182T	U3E1D	\$531	DS-3FTE	1.25	18.9	60	85.5	8.7-8.0/4.0	03
	3600	575	182T	U3E1G	\$531	DS-3FTE	1.25	18.6	60	85.5	3.2	-
	3600	208-230/460	56HZ	U3E1AHZ	\$499	DS-3F	1.25	18.6	45	86	8.5-7.3/3.6	-

Note 02 Suitable for Wye-Delta start on voltages shown
 Note 03 60/50 Hz rated with no derate on horsepower, 230/460 volt 60 Hz ratings operate on 190/380 volt 50 Hz. 460 Volt 60 Hz ratings operate on 380 volt 50 Hz power. Full 60 Hz and 50 Hz data is displayed on N/P
 Note 04 On 60 Hertz Sine Wave power
 Note 16 Motors marked 208-230/460 volts may not meet all NEMA® (MG-1) performance standards when operated at 208 volts

Note 19 Also rated for 190/380, 220/415 volt 50 Hz at 1.0 Service Factor
 Note 26 Does not include World Motor® features
 Note 28 TENV Enclosure
 Note 37 Q-3 leads for across-the-line start
 Note LA Limited Availability
 † All non-Emerson Electric Co. marks shown within this document are properties of their other respective owners

General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) Unimount® Energy Efficient



UT, FUT

APPLICATIONS:

Designed to meet manufacturer's requirements for pumps, fans, compressors, material handling and other general purpose applications in damp, dusty or dirty environments.

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
	1800	200	182T	U3E2H	\$369	DS-3FTE	1.25	20.1	60	87.5	9.1	-
	1800	208-230/460	182T	S3E2D	\$369	DS-3FTE	1.25	20.1	55	87.5	8.4	04, 16, 26
	1800	208-230/460	182T	U3E2D	\$369	DS-3FTE	1.25	20.1	60	87.5	8.6-8.1/4.1	03
	1800	575	182T	U3E2G	\$369	DS-3FTE	1.25	15.9	60	87.5	3.2	-
	1200	208-230/460	213T	S3E3D	\$712	DS-3FTE	1.25	16.9	130	87.5	9.7-9.1/4.5	04, 16, 26
	1200	208-230/460	213T	U3E3D	\$712	DS-3FTE	1.25	16.9	105	87.5	9.8-9.3/4.6	03
	1200	575	213T	U3E3G	\$712	DS-3FTE	1.25	15.9	105	87.5	3.6	-
5	3600	208-230/460	184T	S5E1D	\$611	DS-3FTE	1.25	20.1	65	87.5	13.7-12.3/6.1	04, 16, 26
	3600	208-230/460	184T	U5E1D	\$611	DS-3FTE	1.25	20.1	70	87.5	13.8-12.3/6.1	03
	3600	575	184T	U5E1G	\$611	DS-3FTE	1.25	23.9	70	87.5	4.9	-
	1800	200	184T	U5E2H	\$425	DS-3FTE	1.25	23.9	70	87.5	14.4	-
	1800	208-230/460	184T	S5E2D	\$425	DS-3FTE	1.25	23.9	65	86.5	14.2-12.8/6.4	04, 16, 26
	1800	208-230/460	184T	U5E2D	\$425	DS-3FTE	1.25	16.9	60	87.5	14.1-13/6.5	03
	1800	575	184T	U5E2G	\$425	DS-3FTE	1.25	18.6	70	87.5	5.1	-
	1200	208-230/460	215T	S5E3D	\$857	DS-3FTE	1.25	18.6	115	87.5	15.6-14.5/7.2	04, 16, 26
	1200	208-230/460	215T	U5E3D	\$857	DS-3FTE	1.25	18.6	135	87.5	15.6-14.5/7.3	03
7-1/2	1200	575	215T	U5E3G	\$857	DS-3FTE	1.25	18.6	135	87.5	5.8	-
	3600	208-230/460	184T	U7E1A	\$900	DS-3FTE	1.25	23.9	70	88.5	20.4-17.9/9.0	-
	3600	208-230/460	213T	S7E1D	\$900	DS-3FTE	1.25	23.9	85	88.5	20.6-18.4/9.2	04, 16, 26
	3600	208-230/460	213T	U7E1D	\$900	DS-3FTE	1.25	25.6	105	88.5	20.4-18.4/9.2	03
	3600	575	213T	U7E1G	\$900	DS-3FTE	1.25	25.6	105	88.5	7.4	-
	1800	200	213T	U7E2H	\$543	DS-3FTE	1.25	25.6	105	89.5	21.5	-
	1800	208-230/460	213T	S7E2D	\$543	DS-3FTE	1.25	20.1	90	91	20.1-18.3/9.1	04, 16, 26
	1800	208-230/460	213T	U7E2D	\$543	DS-3FTE	1.25	18.9	105	89.5	20.8-18.9/9.4	03
	1800	575	213T	U7E2G	\$543	DS-3FTE	1.25	20.1	105	89.5	7.5	-
10	1200	208-230/460	254T	U7E3D	\$1,215	DS-3FTE	1.25	20.1	180	89.5	20.8-18.8/9.4	02, 03
	1200	575	254T	U7E3G	\$1,215	DS-3FTE	1.25	18.9	180	89.5	7.5	02
	3600	208-230/460	215T	S10E1D	\$943	DS-3FTE	1.25	25.6	110	89.5	26.5-23.5/11.7	04, 16, 26
	3600	208-230/460	215T	U10E1D	\$943	DS-3FTE	1.25	21.6	120	89.5	26.7-23.8/11.9	03
	3600	575	215T	U10E1G	\$943	DS-3FTE	1.25	23.9	120	89.5	9.4	-
	1800	200	215T	U10E2H	\$661	DS-3FTE	1.25	23.9	135	89.5	28.4	-
	1800	208-230/460	215T	S10E2D	\$661	DS-3FTE	1.25	23.9	120	91	26.6-23.8/11.9	04, 16, 26
	1800	208-230/460	215T	U10E2D	\$661	DS-3FTE	1.25	23.9	105	89.5	27.5-24.8/12.4	03
	1800	575	215T	U10E2G	\$661	DS-3FTE	1.25	23.9	135	89.5	9.9	-
15	1200	208-230/460	256T	U10E3D	\$1,352	DS-3FTE	1.25	25.6	210	89.5	27.5-25/12.5	02, 03
	1200	575	256T	U10E3G	\$1,352	DS-3FTE	1.25	25.6	210	89.5	10.0	02
	3600	208-230/460	215T	U15E1AF	\$1,198	DS-3FTE	1.25	25.6	140	90.2	40-35/17.7	03
	3600	208-230/460	254T	U15E1D	\$1,418	DS-3FTE	1.25	25.6	190	90.2	40-35/17.7	02, 03
	3600	575	254T	U15E1G	\$1,418	DS-3FTE	1.25	25.6	190	90.2	14.0	02
	1800	200	254T	U15E2H	\$1,102	DS-3FTE	1.25	28.3	190	91	43	02

Note 02 Suitable for Wye-Delta start on voltages shown
 Note 03 60/50 Hz rated with no derate on horsepower, 230/460 volt 60 Hz ratings operate on 190/380 volt 50 Hz. 460 Volt 60 Hz ratings operate on 380 volt 50 Hz power. Full 60 Hz and 50 Hz data is displayed on N/P
 Note 04 On 60 Hertz Sine Wave power
 Note 16 Motors marked 208-230/460 volts may not meet all NEMA® (MG-1) performance standards when operated at 208 volts

Note 19 Also rated for 190/380, 220/415 volt 50 Hz at 1.0 Service Factor
 Note 26 Does not include World Motor® features
 Note 28 TENV Enclosure
 Note 37 Q-3 leads for across-the-line start
 Note LA Limited Availability
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General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) Unimount® Energy Efficient



UT, FUT

APPLICATIONS:

Designed to meet manufacturer's requirements for pumps, fans, compressors, material handling and other general purpose applications in damp, dusty or dirty environments.

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
15	1800	208-230/460	254T	U15E2D	\$1,102	DS-3FTE	1.25	28.3	190	91	41-38/18.9	02, 03
	1800	575	254T	U15E2G	\$1,102	DS-3FTE	1.25	28.3	190	91	14.7	02
20	3600	208-230/460	256T	U20E1D	\$1,558	DS-3FTE	1.25	26.9	210	90.2	54-47/23.5	02, 03
	3600	575	256T	U20E1G	\$1,558	DS-3FTE	1.25	26.9	210	90.2	18.7	02
	1800	200	256T	U20E2H	\$1,332	DS-3FTE	1.25	28.3	230	91	56	02
	1800	208-230/460	256T	U20E2D	\$1,332	DS-3FTE	1.25	28.3	230	91	55-51/25.7	02, 03
	1800	575	256T	U20E2G	\$1,332	DS-3FTE	1.25	28.3	230	91	19.5	02
25	3600	208-230/460	284T	U25E1D	\$1,982	DS-3FTE	1.25	26.9	250	91	65-57/28.7	02, 03
	3600	575	284T	U25E1G	\$1,982	DS-3FTE	1.25	26.9	250	91	22.9	02
	3600	208-230/460	284TS	U25E1DS	\$1,982	DS-3FTE	1.25	28.3	250	91	65-57/28.7	02, 03
	3600	575	284TS	U25E1GS	\$1,982	DS-3FTE	1.25	28.3	250	91	22.9	02
	1800	200	284T	U25E2H	\$1,649	DS-3FTE	1.25	26.9	290	92.4	69	02
	1800	208-230/460	284T	U25E2D	\$1,649	DS-3FTE	1.25	26.9	290	92.4	67-59/29.6	02, 03
30	1800	208-230/460	286T	U30E2D	\$1,947	DS-3FTE	1.25	8.9	325	92.4	80-72/36	02, 03
	1800	575	286T	U30E2G	\$1,947	DS-3FTE	1.25	9.0	325	92.4	28.6	02
	1800	208-230/460	286TS	U30E2DS	\$1,947	DS-3FTE	1.25	10.8	325	92.4	80-72/36	02, 03
	1800	575	286TS	U30E2GS	\$1,947	DS-3FTE	1.25	10.5	325	92.4	28.6	02

Note 02 Suitable for Wye-Delta start on voltages shown
 Note 03 60/50 Hz rated with no derate on horsepower, 230/460 volt 60 Hz ratings operate on 190/380 volt 50 Hz. 460 Volt 60 Hz ratings operate on 380 volt 50 Hz power. Full 60 Hz and 50 Hz data is displayed on N/P
 Note 04 On 60 Hertz Sine Wave power
 Note 16 Motors marked 208-230/460 volts may not meet all NEMA® (MG-1) performance standards when operated at 208 volts

Note 19 Also rated for 190/380, 220/415 volt 50 Hz at 1.0 Service Factor
 Note 26 Does not include World Motor® features
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General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) Unimount® Premium Efficient



UTE

APPLICATIONS:

Designed to meet manufacturer's requirements for general industrial equipment including fans, blowers, compressors, pumps and direct connected equipment.

FEATURES:

- Class F Insulation, Class B Rise At Full Load (4)
- Extruded Aluminum Frame (180-280)
- Rolled Steel Frame (56-140)
- Aluminum End Shields With Steel Bearing Inserts
- Oversized Diagonally Split Conduit Box
- Field Convertible To F2 Assembly 180 Frame & Up
- 40°C Ambient, NEMA® Design B Performance (4)
- Regreasable Shaft-End Bearings 180 Frame & Up
- Sealed Bearings 56-140, Doubled Shielded 180-280
- CE Mark On Nameplate, Removable Base 180 Frame & Up
- Lifting Provisions 180 Frame & Up
- Conversion Kits: C&D Flanges, Canopy, Brakes (56-210 Frame)

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
1	3600	208-220/440	56	T1P1M	\$213	DS-3FMP	1.00	10.0	23	0	3.4-3.2/1.6	-
	3600	208-230/460	56HZ	T1P1AHZ	\$209	DS-3F	1.00	12.8	28	80	3.4-3.2/1.6	-
	1800	230/460	143T	U1P2B	\$413	DS-3XE	1.25	12.8	40	85.5	3.0/1.5	-
	1800	575	143T	U1P2G	\$413	DS-3XE	1.25	12.8	40	85.5	1.1	-
	1200	230/460	145T	U1P3B	\$498	DS-3XE	1.25	12.8	40	82.5	3.5/1.8	-
	1200	575	145T	U1P3G	\$498	DS-3XE	1.25	12.8	40	82.5	1.4	-
1-1/2	3600	230/460	143T	U32P1B	\$485	DS-3XE	1.25	12.8	35	84	3.9/1.9	-
	3600	575	143T	U32P1G	\$485	DS-3XE	1.25	12.8	35	84	1.6	-
	1800	230/460	145T	U32P2B	\$429	DS-3XE	1.25	12.8	40	86.5	4.3/2.1	-
	1800	575	145T	U32P2G	\$429	DS-3XE	1.25	12.8	40	86.5	1.7	-
	1200	230/460	182T	U32P3B	\$532	DS-3XE	1.25	16.1	60	87.5	4.7/2.3	-
	1200	575	182T	U32P3G	\$532	DS-3XE	1.25	16.1	60	87.5	1.8	-
2	3600	230/460	145T	U2P1B	\$532	DS-3XE	1.25	12.8	40	86.5	4.9/2.5	-
	1800	230/460	145T	U2P2B	\$446	DS-3XE	1.25	12.8	45	86.5	5.7/2.8	-
	1800	575	145T	U2P2G	\$446	DS-3XE	1.25	12.8	45	86.5	2.3	-
	1200	230/460	184T	U2P3B	\$588	DS-3XE	1.25	16.1	70	88.5	6.2/3.1	-
	1200	575	184T	U2P3G	\$588	DS-3XE	1.25	16.1	70	88.5	2.5	-
3	3600	230/460	182T	U3P1B	\$589	DS-3XE	1.25	16.1	60	88.5	7.8/3.9	-
	3600	575	182T	U3P1G	\$589	DS-3XE	1.25	16.1	60	87.5	3.1	-
	1800	230/460	182T	U3P2B	\$492	DS-3XE	1.25	16.1	60	89.5	7.9/3.9	-
	1800	575	182T	U3P2G	\$492	DS-3XE	1.25	16.1	60	89.5	3.2	-
	1200	230/460	213T	U3P3B	\$903	DS-3XE	1.25	18.6	110	89.5	8.6/4.3	-
	1200	575	213T	U3P3G	\$903	DS-3XE	1.25	18.6	110	89.5	3.4	-
5	3600	230/460	184T	U5P1B	\$654	DS-3XE	1.25	17.0	75	89.5	12.2/6.1	-
	3600	575	184T	U5P1G	\$654	DS-3XE	1.25	16.1	75	88.5	4.9	-
	1800	230/460	184T	U5P2B	\$539	DS-3XE	1.25	17.0	80	90.2	12.3/6.2	-
	1800	575	184T	U5P2G	\$539	DS-3XE	1.25	16.1	80	89.5	5.0	-
	1200	230/460	215T	U5P3B	\$1,021	DS-3XE	1.25	20.1	135	90.2	14.0/7.0	-
	1200	575	215T	U5P3G	\$1,021	DS-3XE	1.25	20.1	135	89.5	5.6	-
7-1/2	3600	230/460	213T	U7P1B	\$982	DS-3XE	1.25	18.6	100	91.7	17.9/8.9	-
	3600	575	213T	U7P1G	\$982	DS-3XE	1.25	18.6	100	89.5	7.5	-
	1800	230/460	213T	U7P2B	\$779	DS-3XE	1.25	18.6	110	91.7	18.2/9.1	-
	1800	575	213T	U7P2G	\$779	DS-3XE	1.25	18.6	110	91.7	7.2	-
	1200	230/460	254T	U7P3B	\$1,623	DS-3XE	1.25	23.9	200	91.7	20.2/10.1	-
	1200	575	254T	U7P3G	\$1,623	DS-3XE	1.25	23.9	200	91	8.3	-

Note 04 On 60 Hertz Sine Wave power

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General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) Unimount® Premium Efficient



UTE

APPLICATIONS:

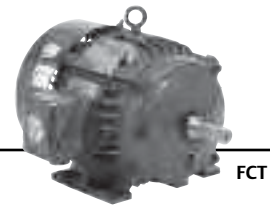
Designed to meet manufacturer's requirements for general industrial equipment including fans, blowers, compressors, pumps and direct connected equipment.

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
10	3600	230/460	215T	U10P1B	\$995	DS-3XE	1.25	20.1	125	91.7	23.5/11.8	-
	3600	575	215T	U10P1G	\$995	DS-3XE	1.25	20.1	125	91.7	9.4	-
	1800	230/460	215T	U10P2B	\$879	DS-3XE	1.25	20.1	133	91.7	23.9/12.0	-
	1800	575	215T	U10P2G	\$879	DS-3XE	1.25	20.1	135	91.7	9.6	-
	1200	230/460	256T	U10P3B	\$1,854	DS-3XE	1.25	25.6	250	91.7	25/12.5	-
15	3600	230/460	254T	U15P1B	\$1,605	DS-3XE	1.25	23.9	185	91.7	35.0/17.7	-
	3600	575	254T	U15P1G	\$1,605	DS-3XE	1.25	23.9	185	91	14.1	-
	1800	230/460	254T	U15P2B	\$1,288	DS-3XE	1.25	23.9	240	93	37.0/18.4	-
	1800	575	254T	U15P2G	\$1,288	DS-3XE	1.25	23.9	240	92.4	14.6	-
20	3600	230/460	256T	U20P1B	\$1,763	DS-3XE	1.25	25.6	220	92.4	46/22.9	-
	3600	575	256T	U20P1G	\$1,763	DS-3XE	1.25	25.6	220	91.7	18.2	-
	1800	230/460	256T	U20P2B	\$1,561	DS-3XE	1.25	25.6	250	93	47/23.7	-
	1800	575	256T	U20P2G	\$1,561	DS-3XE	1.00	25.6	250	93	19.0	-

Note 04 On 60 Hertz Sine Wave power

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General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) Hostile Duty Energy Efficient



APPLICATIONS:

Designed to meet manufacturer's requirements for saw mills, mines, foundries, waste management facilities, and other process related industries requiring protection within hostile operating conditions.

FEATURES:

- Class F Insulation, Class B Rise At Full Load (4)
- Cast Iron Frame (140: Rolled Steel), Cast Iron End Brackets
- Corrosion Resistant Mill & Chemical Duty Paint
- Stainless Steel Nameplate (with CE Mark) & Zinc Plated Hardware
- Shaft Slinger On Pulley End For IP54 Protection
- Full 50 & 60 Hertz Operating Data On Nameplate (3)
- 40°C Ambient, NEMA® Design B Performance (4)
- Regreasable Ball Bearings 250 Frame & Up, Lifting Provisions 180 Frame & Up
- Double Shielded Bearings 140-360, Open On 400-440
- Suitable For Wye-Delta Start 250 Frame & Larger
- Dual Voltage Ratings Suitable For Part Winding Start (PWS) On Low Voltage
- Field Convertible To F2 Mounting 180 Frame & Larger (except on H350S2S)
- Condensation Drains With Plastic Plugs
- Conversion Kits: All Cast Iron Upgrade, C&D Flanges, Canopy Kits (except 320-360)

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
1	1800	200	143T	H1E2H	\$466	DS-3FX	1.15	12.9	45	82.5	3.4	-
	1800	208-230/460	143T	H1E2D	\$466	DS-3FX	1.15	12.9	45	82.5	3.1-3.0/1.5	03
	1800	575	143T	H1E2G	\$466	DS-3FX	1.15	12.9	45	82.5	1.2	-
	1200	200	145T	H1E3H	\$615	DS-3FX	1.15	12.9	70	80	4.3	-
	1200	208-230/460	145T	H1E3D	\$615	DS-3FX	1.15	12.9	70	80	3.7-3.5/1.8	03
	1200	575	145T	H1E3G	\$615	DS-3FX	1.15	12.9	70	80	1.5	-
	900	200	182T	H1E4H	\$840	DS-3FX	1.15	14.5	75	75.5	5.2	-
	900	208-230/460	182T	H1E4D	\$840	DS-3FX	1.15	14.5	75	74	4.4/4.7	03
	900	575	182T	H1E4G	\$840	DS-3FX	1.15	14.5	75	74	1.9	-
1-1/2	3600	200	143T	H32E1H	\$501	DS-3FX	1.15	12.9	50	82.5	4.5	-
	3600	208-230/460	143T	H32E1D	\$501	DS-3FX	1.15	12.9	50	84	4.3-2.0/1.9	03
	3600	575	143T	H32E1G	\$501	DS-3FX	1.15	12.9	50	82.5	1.6	-
	1800	200	145T	H32E2H	\$475	DS-3FX	1.15	12.9	70	84	5.0	-
	1800	208-230/460	145T	H32E2D	\$475	DS-3FX	1.15	12.9	70	84	4.6-4.4/2.2	03
	1800	575	145T	H32E2G	\$475	DS-3FX	1.15	12.9	70	84	1.8	-
	1200	200	182T	H32E3H	\$674	DS-3FX	1.15	14.5	100	85.5	5.4	-
	1200	208-230/460	182T	H32E3D	\$674	DS-3FX	1.15	14.5	100	85.5	4.9-4.9/2.4	03
	1200	575	182T	H32E3G	\$674	DS-3FX	1.15	14.5	100	85.5	1.9	-
	900	200	184T	H32E4H	\$994	DS-3FX	1.15	15.5	110	78.5	7.4	-
	900	230/460	184T	H32E4E	\$994	DS-3FX	1.15	15.5	110	78.5	6.6/3.3	03
	900	575	184T	H32E4G	\$994	DS-3FX	1.15	15.5	110	78.5	2.6	-
2	3600	200	145T	H2E1H	\$565	DS-3FX	1.15	12.9	70	84	5.8	-
	3600	208-230/460	145T	H2E1D	\$565	DS-3FX	1.15	12.9	70	84	5.6-5/2.5	03
	3600	575	145T	H2E1G	\$565	DS-3FX	1.15	12.9	70	84	2.0	-
	1800	200	145T	H2E2H	\$515	DS-3FX	1.15	12.9	70	84	6.9	-
	1800	208-230/460	145T	H2E2D	\$515	DS-3FX	1.15	12.9	70	84	5.9-5.9/3	-
	1800	575	145T	H2E2G	\$515	DS-3FX	1.15	12.9	70	84	2.4	-
	1200	200	184T	H2E3H	\$721	DS-3FX	1.15	15.5	110	86.5	7.0	-
	1200	208-230/460	184T	H2E3D	\$721	DS-3FX	1.15	15.5	110	86.5	6.3-6.1/3.1	03
	1200	575	184T	H2E3G	\$721	DS-3FX	1.15	15.5	110	86.5	2.4	-
	900	200	213T	H2E4H	\$1,262	DS-3FX	1.15	17.6	145	82.5	8.7	-

Note 02 Suitable for Wye-Delta start on voltages shown

Note 03 60/50 Hz rated with no derate on horsepower, 230/460 volt 60 Hz ratings operate on 190/380 volt 50 Hz. 460 Volt 60 Hz ratings operate on 380 volt 50 Hz power. Full 60 Hz and 50 Hz data is displayed on N/P.

Note 04 On 60 Hertz Sine Wave power

Note 09 Roller Bearing

Note 12 Unidirectional Fan - CCW direction facing opposite drive end (FODE)

Note 32 Does not apply to EPAAct '92 and/or CSA® C390

Note 33 Utilizes Titan® Construction Features

Note LA Limited Availability

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General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) Hostile Duty Energy Efficient



FC

APPLICATIONS:

Designed to meet manufacturer's requirements for saw mills, mines, foundries, waste management facilities, and other process related industries requiring protection within hostile operating conditions.

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
2	900	230/460	213T	H2E4E	\$1,262	DS-3FX	1.15	17.6	145	82.5	7.6/3.8	03
	900	575	213T	H2E4G	\$1,262	DS-3FX	1.15	17.6	145	82.5	3.0	-
3	3600	200	182T	H3E1H	\$675	DS-3FX	1.15	14.5	75	85.5	9.2	-
	3600	208-230/460	182T	H3E1D	\$675	DS-3FX	1.15	14.5	75	85.5	8.7-8.0/4.0	03
	3600	575	182T	H3E1G	\$675	DS-3FX	1.15	14.5	75	85.5	3.2	-
	1800	200	182T	H3E2H	\$592	DS-3FX	1.15	14.5	100	87.5	9.1	-
	1800	208-230/460	182T	H3E2D	\$592	DS-3FX	1.15	14.5	100	87.5	8.6-8.1/4.1	03
	1800	575	182T	H3E2G	\$592	DS-3FX	1.15	14.5	100	87.5	3.2	-
	1200	200	213T	H3E3H	\$946	DS-3FX	1.15	17.6	140	87.5	10.6	-
	1200	208-230/460	213T	H3E3D	\$946	DS-3FX	1.15	17.6	140	87.5	9.6-9.1/4.6	03
	1200	575	213T	H3E3G	\$946	DS-3FX	1.15	17.6	140	87.5	3.7	-
	900	200	215T	H3E4H	\$1,374	DS-3FX	1.15	19.1	180	84	12.8	-
	900	230/460	215T	H3E4E	\$1,374	DS-3FX	1.15	19.1	180	84	11.1/5.5	03
	900	575	215T	H3E4G	\$1,374	DS-3FX	1.15	19.1	180	84	4.5	-
5	3600	200	184T	H5E1H	\$835	DS-3FX	1.15	15.5	105	87.5	14.2	-
	3600	208-230/460	184T	H5E1D	\$835	DS-3FX	1.15	15.5	105	87.5	13.8-12.3/6.1	03
	3600	575	184T	H5E1G	\$835	DS-3FX	1.15	15.5	105	87.5	4.9	-
	1800	200	184T	H5E2H	\$690	DS-3FX	1.15	15.5	110	87.5	14.4	-
	1800	208-230/460	184T	H5E2D	\$690	DS-3FX	1.15	15.5	110	87.5	14.0-12.6/6.3	03
	1800	575	184T	H5E2G	\$690	DS-3FX	1.15	15.5	110	87.5	5.1	-
	1200	200	215T	H5E3H	\$1,048	DS-3FX	1.15	23.8	190	87.5	16.9	-
	1200	208-230/460	215T	H5E3D	\$1,048	DS-3FX	1.15	19.1	190	87.5	15.5	03
	1200	575	215T	H5E3G	\$1,048	DS-3FX	1.15	19.1	190	87.5	5.9	-
	900	200	254T	H5E4H	\$2,196	DS-3FX	1.15	23.8	260	85.5	17.3	02
	900	208-230/460	254T	H5E4D	\$2,196	DS-3FX	1.15	23.8	260	85.5	16.4-15.4/7.7	02, 03
	900	575	254T	H5E4G	\$2,196	DS-3FX	1.15	23.8	260	86.5	6.1	02
7-1/2	3600	200	213T	H7E1H	\$952	DS-3FX	1.15	17.6	160	88.5	21.2	-
	3600	208-230/460	213T	H7E1D	\$952	DS-3FX	1.15	17.6	160	88.5	20.4-18.4/9.2	03
	3600	575	213T	H7E1G	\$952	DS-3FX	1.15	17.6	160	88.5	7.4	-
	1800	200	213T	H7E2H	\$920	DS-3FX	1.15	17.6	160	91	21.5	-
	1800	208-230/460	213T	H7E2D	\$920	DS-3FX	1.15	17.6	160	89.5	20.8-19.6/9.8	03
	1800	575	213T	H7E2G	\$920	DS-3FX	1.15	17.6	160	90.2	7.6	-
	1200	200	254T	H7E3H	\$1,279	DS-3FX	1.15	23.8	260	89.5	22.0	02
	1200	208-230/460	254T	H7E3D	\$1,279	DS-3FX	1.15	23.8	260	89.5	20.8-19.1/9.6	02, 03
	1200	575	254T	H7E3G	\$1,279	DS-3FX	1.15	23.8	260	89.5	7.6	02
	900	200	256T	H7E4H	\$2,421	DS-3FX	1.15	25.5	300	86.5	25.3	02
	900	208-230/460	256T	H7E4D	\$2,421	DS-3FX	1.15	25.5	300	86.5	23.8-22.1/11	02, 03
	900	575	256T	H7E4G	\$2,421	DS-3FX	1.15	25.5	300	86.5	8.8	02
10	3600	200	215T	H10E1H	\$1,143	DS-3FX	1.15	19.1	175	89.5	27.3	-
	3600	208-230/460	215T	H10E1D	\$1,143	DS-3FX	1.15	19.1	175	89.5	26.7-23.8/11.9	03
	3600	575	215T	H10E1G	\$1,143	DS-3FX	1.15	19.1	175	89.5	9.4	-
	1800	200	215T	H10E2H	\$991	DS-3FX	1.15	19.1	175	89.5	28.3	-

Note 02 Suitable for Wye-Delta start on voltages shown
 Note 03 60/50 Hz rated with no derate on horsepower, 230/460 volt 60 Hz ratings operate on 190/380 volt 50 Hz. 460 Volt 60 Hz ratings operate on 380 volt 50 Hz power. Full 60 Hz and 50 Hz data is displayed on N/P.
 Note 04 On 60 Hertz Sine Wave power

Note 09 Roller Bearing
 Note 12 Unidirectional Fan - CCW direction facing opposite drive end (FODE)
 Note 32 Does not apply to EPAct '92 and/or CSA™ C390
 Note 33 Utilizes Titan® Construction Features
 Note LA Limited Availability

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- GENERAL INFORMATION
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- COOLING TOWER
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- GEN. PURPOSE SINGLE PHASE
- GEN. PURPOSE THREE PHASE
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General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) Hostile Duty Energy Efficient



FCT

APPLICATIONS:

Designed to meet manufacturer's requirements for saw mills, mines, foundries, waste management facilities, and other process related industries requiring protection within hostile operating conditions.

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
10	1800	208-230/460	215T	H10E2D	\$991	DS-3FX	1.15	19.1	175	89.5	27.3-25.4/12.7	03
	1800	575	215T	H10E2G	\$991	DS-3FX	1.15	19.1	175	89.5	9.9	-
	1200	200	256T	H10E3H	\$1,424	DS-3FX	1.15	25.5	300	89.5	29.2	02
	1200	208-230/460	256T	H10E3D	\$1,424	DS-3FX	1.15	25.5	300	89.5	27.7-25.5/12.7	02, 03
	1200	575	256T	H10E3G	\$1,424	DS-3FX	1.15	25.5	300	89.5	10.5	02
	900	200	284T	H10E4H	\$2,462	DS-3FTE	1.15	25.5	340	88.5	33.0	02
	900	230/460	284T	H10E4E	\$2,462	DS-3FTE	1.15	25.5	340	88.5	28.3/14.2	02, 03
	900	575	284T	H10E4G	\$2,462	DS-3FTE	1.15	25.5	340	88.5	11.4	02
15	3600	200	254T	H15E1H	\$1,493	DS-3FX	1.15	23.8	280	90.2	41	02
	3600	208-230/460	254T	H15E1D	\$1,493	DS-3FX	1.15	23.8	280	89.5	40-36/17.9	02, 03
	3600	575	254T	H15E1G	\$1,493	DS-3FX	1.15	23.8	280	90.2	14.0	02
	1800	200	254T	H15E2H	\$1,161	DS-3FX	1.15	23.8	280	91	42	02
	1800	208-230/460	254T	H15E2D	\$1,161	DS-3FX	1.15	23.8	280	90.2	42-39/19.4	-
	1800	575	254T	H15E2G	\$1,161	DS-3FX	1.15	23.8	280	91	14.7	02
	1200	200	284T	H15E3H	\$2,272	DS-3FTE	1.15	25.5	340	90.2	43	02, 03
	1200	230/460	284T	H15E3E	\$2,272	DS-3FTE	1.15	25.5	340	90.2	38.0/18.8	02
	1200	575	284T	H15E3G	\$2,272	DS-3FTE	1.15	25.5	340	90.2	15.0	02
	900	200	286T	H15E4H	\$3,292	DS-3FTE	1.15	27.0	390	88.5	50	02
	900	230/460	286T	H15E4E	\$3,292	DS-3FTE	1.15	27.0	390	88.5	44/21.8	02, 03
	900	575	286T	H15E4G	\$3,292	DS-3FTE	1.15	27.0	390	88.5	17.3	02
20	3600	200	256T	H20E1H	\$1,640	DS-3FX	1.15	25.5	300	90.2	54	02
	3600	230/460	256T	H20E1D	\$1,640	DS-3FX	1.15	25.5	300	90.2	46/23	02, 03
	3600	575	256T	H20E1G	\$1,640	DS-3FX	1.15	25.5	300	90.2	18.7	02
	1800	200	256T	H20E2H	\$1,403	DS-3FX	1.15	25.5	300	91	56	02
	1800	208-230/460	256T	H20E2D	\$1,403	DS-3FX	1.15	25.5	300	91	55-51/25.6	02, 03
	1800	575	256T	H20E2G	\$1,403	DS-3FX	1.15	25.5	300	91	19.5	02
	1200	200	286T	H20E3H	\$2,746	DS-3FTE	1.15	27.0	390	90.2	57	02
	1200	230/460	286T	H20E3E	\$2,746	DS-3FTE	1.15	27.0	390	90.2	50/24.8	02, 03
	1200	575	286T	H20E3G	\$2,746	DS-3FTE	1.15	27.0	390	90.2	19.9	02
	900	200	324T	H20E4H	\$3,896	DS-3FTE	1.15	30.6	510	89.5	63	02
	900	230/460	324T	H20E4E	\$3,896	DS-3FTE	1.15	30.6	510	89.5	55/27.3	02, 03
	900	575	324T	H20E4G	\$3,896	DS-3FTE	1.15	30.6	510	89.5	21.7	02
25	3600	200	284TS	H25E1HS	\$2,087	DS-3FX	1.15	24.8	340	91	68	02
	3600	208-230/460	284TS	H25E1DS	\$2,087	DS-3FX	1.15	24.8	340	91	66-59/29.5	02, 03
	3600	575	284TS	H25E1GS	\$2,087	DS-3FX	1.15	24.8	340	91	23.5	02
	1800	200	284T	H25E2H	\$1,736	DS-3FX	1.15	25.5	340	92.4	69	02
	1800	208-230/460	284T	H25E2D	\$1,736	DS-3FX	1.15	24.8	340	92.4	60/30	02, 03
	1800	575	284T	H25E2G	\$1,736	DS-3FX	1.15	25.5	340	92.4	23.6	02
	1800	575	284TS	H25E2GS	\$1,736	DS-3FX	1.15	24.8	340	92.4	23.6	02, LA
	1800	200	284TS	H25E2HS	\$1,736	DS-3FX	1.15	24.8	340	92.4	69	02
	1800	230/460	284TS	H25E2DS	\$1,736	DS-3FX	1.15	24.8	340	92.4	60/30	02, 03
	1800	575	284TS	H25E2GS	\$1,736	DS-3FX	1.15	24.8	340	92.4	23.6	02

Note 02 Suitable for Wye-Delta start on voltages shown
 Note 03 60/50 Hz rated with no derate on horsepower, 230/460 volt 60 Hz ratings operate on 190/380 volt 50 Hz. 460 Volt 60 Hz ratings operate on 380 volt 50 Hz power. Full 60 Hz and 50 Hz data is displayed on N/P.

Note 04 On 60 Hertz Sine Wave power

Note 09 Roller Bearing
 Note 12 Unidirectional Fan - CCW direction facing opposite drive end (FODE)
 Note 32 Does not apply to EPAAct '92 and/or CSA® C390
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General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) Hostile Duty Energy Efficient



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APPLICATIONS:

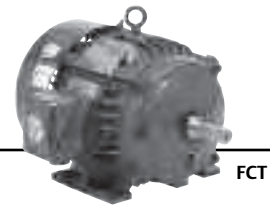
Designed to meet manufacturer's requirements for saw mills, mines, foundries, waste management facilities, and other process related industries requiring protection within hostile operating conditions.

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
25	1200	200	324T	H25E3H	\$3,313	DS-3FTE	1.15	30.6	510	91.7	69	02
	1200	230/460	324T	H25E3E	\$3,313	DS-3FTE	1.15	30.6	510	91.7	60/30	02, 03
	1200	575	324T	H25E3G	\$3,313	DS-3FTE	1.15	30.6	510	91.7	23.8	02
	900	200	326T	H25E4H	\$4,615	DS-3FTE	1.15	30.6	590	89.5	78	02
	900	230/460	326T	H25E4E	\$4,615	DS-3FTE	1.15	30.6	590	89.5	67/33	02, 03
	900	575	326T	H25E4G	\$4,615	DS-3FTE	1.15	30.6	590	89.5	27.4	02
30	3600	208-230/460	286T	H30E1D	\$2,264	DS-3FTE	1.15	27.0	390	91.7	79-69/35	-
	3600	200	286TS	H30E1HS	\$2,264	DS-3FTE	1.15	26.0	390	91	80	02
	3600	208-230/460	286TS	H30E1DS	\$2,264	DS-3FTE	1.15	26.3	390	91	79-69/35	02, 03
	3600	575	286TS	H30E1GS	\$2,264	DS-3FTE	1.15	26.3	390	91	27.8	02
	1800	200	286T	H30E2H	\$2,050	DS-3FX	1.15	27.0	390	92.4	82	02
	1800	230/460	286T	H30E2E	\$2,050	DS-3FX	1.15	26.3	440	92.4	72/36	02, 03
	1800	575	286T	H30E2G	\$2,050	DS-3FX	1.15	26.3	390	92.4	28.7	02
	1800	200	286TS	H30E2HS	\$2,050	DS-3FX	1.15	26.3	390	92.4	82	02
	1800	208-230/460	286TS	H30E2ES	\$2,050	DS-3FX	1.15	26.3	390	92.4	78-71/36	02, 03
	1800	575	286TS	H30E2GS	\$2,050	DS-3FX	1.15	26.3	390	92.4	28.7	02
	1200	200	326T	H30E3H	\$4,019	DS-3FTE	1.15	30.6	590	91.7	82	02
	1200	230/460	326T	H30E3E	\$4,019	DS-3FTE	1.15	30.6	590	91.7	71/36	02, 03
	1200	575	326T	H30E3G	\$4,019	DS-3FTE	1.15	30.6	590	91.7	28.4	02
	900	200	364T	H30E4H	\$5,313	DS-3FTE	1.15	32.6	790	91.7	91	02
	900	230/460	364T	H30E4E	\$5,313	DS-3FTE	1.15	32.6	790	91.7	80/40	02, 03
900	575	364T	H30E4G	\$5,313	DS-3FTE	1.15	32.6	790	92.4	31.0	02	
40	3600	200	324TS	H40E1HS	\$3,238	DS-3FTE	1.15	29.1	460	91	107	02
	3600	230/460	324TS	H40E1ES	\$3,238	DS-3FTE	1.15	29.1	460	91.7	92/46	02, 03
	3600	575	324TS	H40E1GS	\$3,238	DS-3FTE	1.15	29.1	460	91.7	37.0	02
	1800	200	324T	H40E2H	\$2,721	DS-3FTE	1.15	30.6	510	93	106	02
	1800	230/460	324T	H40E2E	\$2,721	DS-3FTE	1.15	30.6	500	93	92/46	02, 03
	1800	575	324T	H40E2G	\$2,721	DS-3FTE	1.15	30.6	510	93	37.0	02
	1800	200	324TS	H40E2HS	\$2,721	DS-3FTE	1.15	29.1	510	93	106	-
	1800	230/460	324TS	H40E2ES	\$2,721	DS-3FTE	1.15	29.1	510	93	92/46	02, 03
	1800	575	324TS	H40E2GS	\$2,721	DS-3FTE	1.15	29.1	510	93	37.0	02
	1200	200	364T	H40E3H	\$4,453	DS-3FTE	1.15	32.6	790	94.1	106	-
	1200	230/460	364T	H40E3E	\$4,453	DS-3FTE	1.15	32.6	790	94.1	92/46	02, 03
	1200	575	364T	H40E3G	\$4,453	DS-3FTE	1.15	32.6	790	93.6	37.0	02
	900	200	365T	H40E4H	\$6,582	DS-3FTE	1.15	32.6	840	92.4	119	02
	900	230/460	365T	H40E4E	\$6,582	DS-3FTE	1.15	32.6	840	92.4	105/52	02, 03
	900	575	365T	H40E4G	\$6,582	DS-3FTE	1.15	32.6	840	92.4	41	02
50	3600	200	326TS	H50E1HS	\$3,291	DS-3FTE	1.15	29.1	550	92.4	129	02
	3600	230/460	326TS	H50E1ES	\$3,291	DS-3FTE	1.15	29.1	550	92.4	112/56	02, 03
	3600	575	326TS	H50E1GS	\$3,291	DS-3FTE	1.15	29.1	550	92.4	45	02
	1800	200	326T	H50E2H	\$2,817	DS-3FTE	1.15	30.6	590	93	131	02
	1800	230/460	326T	H50E2E	\$2,817	DS-3FTE	1.15	30.6	840	93	114/57	02, 03

- Note 02 Suitable for Wye-Delta start on voltages shown
 Note 03 60/50 Hz rated with no derate on horsepower, 230/460 volt 60 Hz ratings operate on 190/380 volt 50 Hz. 460 Volt 60 Hz ratings operate on 380 volt 50 Hz power. Full 60 Hz and 50 Hz data is displayed on N/P.
 Note 04 On 60 Hertz Sine Wave power
- Note 09 Roller Bearing
 Note 12 Unidirectional Fan - CCW direction facing opposite drive end (FODE)
 Note 32 Does not apply to EPAAct '92 and/or CSA® C390
 Note 33 Utilizes Titan® Construction Features
 Note LA Limited Availability

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General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) Hostile Duty Energy Efficient



FCT

APPLICATIONS:

Designed to meet manufacturer's requirements for saw mills, mines, foundries, waste management facilities, and other process related industries requiring protection within hostile operating conditions.

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
50	1800	575	326T	H50E2G	\$2,817	DS-3FTE	1.15	30.6	590	93	46	02
	1800	200	326TS	H50E2HS	\$2,817	DS-3FTE	1.15	29.1	590	93	131	-
	1800	230/460	326TS	H50E2ES	\$2,817	DS-3FTE	1.15	29.1	590	93	114/57	02, 03
	1800	575	326TS	H50E2GS	\$2,817	DS-3FTE	1.15	29.1	590	93	46	-
	1200	200	365T	H50E3H	\$5,652	DS-3FTE	1.15	32.6	840	94.1	131	02
	1200	230/460	365T	H50E3E	\$5,652	DS-3FTE	1.15	32.6	840	93.6	115/58	02, 03
	1200	575	365T	H50E3G	\$5,652	DS-3FTE	1.15	32.6	840	93	46	02
	900	200	404T	H50E4H	\$7,840	DS-3FTE	1.15	36.1	1000	91.7	146	02
	900	230/460	404T	H50E4E	\$7,840	DS-3FTE	1.15	36.1	1000	91.7	127/64	02, 03
60	3600	200	364TS	H60E1HS	\$5,023	DS-3FTE	1.15	30.4	790	94.1	156	02
	3600	230/460	364TS	H60E1ES	\$5,023	DS-3FTE	1.15	30.4	790	93	136/68	02, 03
	3600	575	364TS	H60E1GS	\$5,023	DS-3FTE	1.15	30.4	790	93.6	54	02
	1800	200	364T	H60E2H	\$4,316	DS-3FTE	1.15	32.6	790	93.6	160	02
	1800	230/460	364T	H60E2E	\$4,316	DS-3FTE	1.15	32.6	790	93.6	139/70	02, 03
	1800	575	364T	H60E2G	\$4,316	DS-3FTE	1.15	32.6	790	93.6	56	02
	1800	200	364TS	H60E2HS	\$4,316	DS-3FTE	1.15	30.4	790	93.6	160	-
	1800	230/460	364TS	H60E2ES	\$4,316	DS-3FTE	1.15	30.4	790	93.6	139/70	02, 03
	1800	575	364TS	H60E2GS	\$4,316	DS-3FTE	1.15	30.4	790	93.6	56	02
	1200	200	404T	H60E3H	\$6,992	DS-3FTE	1.15	36.1	1000	93.6	162	02
	1200	230/460	404T	H60E3E	\$6,992	DS-3FTE	1.15	36.1	1000	93.6	141/70	02, 03
	1200	575	404T	H60E3G	\$6,992	DS-3FTE	1.15	36.1	1000	93.6	56	02
	900	200	405T	H60E4H	\$9,092	DS-3FTE	1.15	37.6	1200	91.7	175	02
	900	230/460	405T	H60E4E	\$9,092	DS-3FTE	1.15	37.6	1200	91.7	152/76	02, 03
	900	575	405T	H60E4G	\$9,092	DS-3FTE	1.15	37.6	1200	91.7	61	02
75	3600	200	365TS	H75E1HS	\$6,101	DS-3FTE	1.15	30.4	840	93.6	194	02
	3600	230/460	365TS	H75E1ES	\$6,101	DS-3FTE	1.15	30.4	840	93	167/84	02, 03
	3600	575	365TS	H75E1GS	\$6,101	DS-3FTE	1.15	30.4	840	93	67	02
	1800	200	365T	H75E2H	\$5,322	DS-3FTE	1.15	32.6	840	94.5	195	02
	1800	230/460	365T	H75E2E	\$5,322	DS-3FTE	1.15	32.6	840	94.1	171/85	02, 03
	1800	230/460	365T	H75E2EB	\$5,322	DS-3FTE	1.15	32.6	840	94.1	171/85	09
	1800	575	365T	H75E2G	\$5,322	DS-3FTE	1.15	32.6	840	94.5	68	02
	1800	575	365T	H75E2GB	\$5,322	DS-3FTE	1.15	32.6	840	94.1	68	09
	1800	230/460	365TS	H75E2ES	\$5,322	DS-3FTE	1.15	30.4	840	93	171/85	02, 03
	1800	200	365TS	H75E2HS	\$5,322	DS-3FTE	1.15	30.4	840	94.5	195	02
	1800	575	365TS	H75E2GS	\$5,322	DS-3FTE	1.15	30.4	840	94.5	68	02
	1200	200	405T	H75E3H	\$7,888	DS-3FTE	1.15	37.6	1200	93.6	207	02
	1200	230/460	405T	H75E3E	\$7,888	DS-3FTE	1.15	37.6	1200	93.6	179	02, 03
	1200	230/460	405T	H75E3EB	\$7,888	DS-3FTE	1.15	37.6	1200	93.6	179/90	09
	1200	575	405T	H75E3G	\$7,888	DS-3FTE	1.15	37.6	1200	93.6	71	02
	1200	575	405T	H75E3GB	\$7,888	DS-3FTE	1.15	37.6	1200	93.6	71	09
	900	230/460	444T	H75E4E	\$12,109	DS-3FTE	1.15	43.4	1400	93	193/97	02, 03
	900	575	444T	H75E4G	\$12,109	DS-3FTE	1.15	43.4	1400	93	76	02

Note 02 Suitable for Wye-Delta start on voltages shown

Note 03 60/50 Hz rated with no derate on horsepower, 230/460 volt 60 Hz ratings operate on 190/380 volt 50 Hz. 460 Volt 60 Hz ratings operate on 380 volt 50 Hz power. Full 60 Hz and 50 Hz data is displayed on N/P.

Note 04 On 60 Hertz Sine Wave power

Note 09 Roller Bearing

Note 12 Unidirectional Fan - CCW direction facing opposite drive end (FODE)

Note 32 Does not apply to EPAAct '92 and/or CSA™ C390

Note 33 Utilizes Titan® Construction Features

Note LA Limited Availability

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General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) Hostile Duty Energy Efficient



FC

APPLICATIONS:

Designed to meet manufacturer's requirements for saw mills, mines, foundries, waste management facilities, and other process related industries requiring protection within hostile operating conditions.

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
100	3600	230/460	405TS	H100E1ES	\$7,635	DS-3FTE	1.15	34.6	1200	93.6	221/111	02, 03
	3600	575	405TS	H100E1GS	\$7,635	DS-3FTE	1.15	34.6	1200	93.6	89	02
	1800	200	405T	H100E2H	\$6,608	DS-3FTE	1.15	37.6	1200	94.5	267	02
	1800	230/460	405T	H100E2E	\$6,608	DS-3FTE	1.15	37.6	1200	94.5	227/113	02, 03
	1800	230/460	405T	H100E2EB	\$6,608	DS-3FTE	1.15	37.6	1200	94.5	227/113	09
	1800	575	405T	H100E2G	\$6,608	DS-3FTE	1.15	37.6	1200	94.5	93	02
	1800	575	405T	H100E2GB	\$6,608	DS-3FTE	1.15	37.6	1200	94.5	93	09
	1800	200	405TS	H100E2HS	\$6,608	DS-3FTE	1.15	34.6	1200	94.5	267	02
	1800	230/460	405TS	H100E2ES	\$6,608	DS-3FTE	1.15	34.6	1200	94.5	227/113	02, 03
	1800	575	405TS	H100E2GS	\$6,608	DS-3FTE	1.15	34.6	1200	94.5	93	02
	1200	230/460	444T	H100E3E	\$9,859	DS-3FTE	1.15	43.4	1400	94.1	256/128	02, 03
	1200	230/460	444T	H100E3EB	\$9,859	DS-3FTE	1.15	43.4	1400	94.1	256/128	09
	1200	575	444T	H100E3G	\$9,859	DS-3FTE	1.15	43.4	1400	94.1	100	02
	1200	575	444T	H100E3GB	\$9,859	DS-3FTE	1.15	43.4	1400	94.1	100	09
	900	230/460	445T	H100E4E	\$15,300	DS-3FTE	1.15	45.4	1500	93.6	262/131	02, 03
	900	575	445T	H100E4G	\$15,300	DS-3FTE	1.15	45.4	1500	93	101	02
125	3600	460	444TS	H125E1FS	\$10,391	DS-3FTE	1.15	39.6	1400	94.5	149	02, 03, 12
	3600	575	444TS	H125E1GS	\$10,391	DS-3FTE	1.15	39.6	1400	94.5	117	02, 12
	1800	460	444T	H125E2F	\$8,916	DS-3FTE	1.15	43.4	1400	94.5	148	02, 03
	1800	460	444T	H125E2FB	\$8,916	DS-3FTE	1.15	43.4	1400	94.5	148	09
	1800	575	444T	H125E2G	\$8,916	DS-3FTE	1.15	43.4	1400	94.5	117	02
	1800	575	444T	H125E2GB	\$8,916	DS-3FTE	1.15	43.4	1400	94.5	117	09
	1800	460	444TS	H125E2FS	\$8,916	DS-3FTE	1.15	39.6	1400	94.5	148	02, 03
	1800	575	444TS	H125E2GS	\$8,916	DS-3FTE	1.15	39.6	1400	94.5	117	02
	1200	460	445T	H125E3F	\$12,655	DS-3FTE	1.15	45.4	1500	94.1	151	02, 03
	1200	460	445T	H125E3FB	\$12,655	DS-3FTE	1.15	45.4	1500	94.1	151	09
	1200	575	445T	H125E3G	\$12,655	DS-3FTE	1.15	45.4	1500	94.1	120	02
	1200	575	445T	H125E3GB	\$12,655	DS-3FTE	1.15	45.4	1500	94.1	120	09
	900	460	447T	H125E4F	\$17,788	DS-3FTE	1.15	48.9	1900	94.1	155	02, 03
	900	575	447T	H125E4G	\$17,788	DS-3FTE	1.15	48.9	1900	93.6	124	02
150	3600	460	445TS	H150E1FS	\$12,339	DS-3FTE	1.15	41.6	1500	94.5	168	02, 03, 12
	3600	575	445TS	H150E1GS	\$12,339	DS-3FTE	1.15	41.6	1500	94.5	142	02, 12
	1800	460	445T	H150E2F	\$10,445	DS-3FTE	1.15	45.4	1500	95	174	02, 03
	1800	460	445T	H150E2FB	\$10,445	DS-3FTE	1.15	45.4	1500	95	174	09
	1800	575	445T	H150E2G	\$10,445	DS-3FTE	1.15	45.4	1500	95	138	02
	1800	575	445T	H150E2GB	\$10,445	DS-3FTE	1.15	45.4	1500	95	138	09
	1800	460	445TS	H150E2FS	\$10,445	DS-3FTE	1.15	41.6	1500	95	174	02, 03
	1800	575	445TS	H150E2GS	\$10,445	DS-3FTE	1.15	41.6	1500	95	138	02
	1200	460	447T	H150E3F	\$14,949	DS-3FTE	1.15	48.9	1900	95	180	02, 03
	1200	460	447T	H150E3FB	\$14,949	DS-3FTE	1.15	48.9	1900	95	180	09
	1200	575	447T	H150E3G	\$14,949	DS-3FTE	1.15	48.9	1900	95	145	02
	1200	575	447T	H150E3GB	\$14,949	DS-3FTE	1.15	48.9	1900	95	145	09

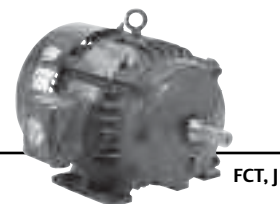
Note 02 Suitable for Wye-Delta start on voltages shown
 Note 03 60/50 Hz rated with no derate on horsepower, 230/460 volt 60 Hz ratings operate on 190/380 volt 50 Hz. 460 Volt 60 Hz ratings operate on 380 volt 50 Hz power. Full 60 Hz and 50 Hz data is displayed on N/P.
 Note 04 On 60 Hertz Sine Wave power

Note 09 Roller Bearing
 Note 12 Unidirectional Fan - CCW direction facing opposite drive end (FODE)
 Note 32 Does not apply to EPAAct '92 and/or CSA™ C390
 Note 33 Utilizes Titan® Construction Features
 Note LA Limited Availability

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- GENERAL INFORMATION
- HVACR
- VENTILATION
- COOLING TOWER
- PUMP MOTORS
- GEN. PURPOSE SINGLE PHASE
- GEN. PURPOSE THREE PHASE
- ACCESSORIES & PARTS
- MOTOR TERMINOLOGY
- CROSS REFERENCE
- MOTOR SELECTION GUIDE
- TERMS & CONDITIONS
- INDEX

General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) Hostile Duty Energy Efficient



FCT, J

APPLICATIONS:

Designed to meet manufacturer's requirements for saw mills, mines, foundries, waste management facilities, and other process related industries requiring protection within hostile operating conditions.

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
200	3600	460	447TS	H200E1FS	\$14,731	DS-3FTE	1.15	45.4	1900	95	220	02, 03
	3600	575	447TS	H200E1GS	\$14,731	DS-3FTE	1.15	45.4	1900	95	177	02
	1800	460	447T	H200E2F	\$12,838	DS-3FTE	1.15	48.9	1900	95.4	228	02, 03
	1800	460	447T	H200E2FB	\$12,838	DS-3FTE	1.15	48.9	1900	95.4	228	09
	1800	575	447T	H200E2G	\$12,838	DS-3FTE	1.15	48.9	1900	95	183	02
	1800	575	447T	H200E2GB	\$12,838	DS-3FTE	1.15	48.9	1900	95	183	09
	1800	460	447TS	H200E2FS	\$12,838	DS-3FTE	1.15	45.4	1900	95.4	228	02, 03
	1800	575	447TS	H200E2GS	\$12,838	DS-3FTE	1.15	45.4	1900	95	183	02
	1200	460	449T	H200E3S	\$17,801	DS-6S	1.15	55.1	2400	94.5	233	-
250	3600	460	449TS	H250S1SS	\$21,326	DS-6S	1.15	51.4	2300	93.6	284	12
	1800	460	449T	H250S2S	\$19,500	DS-6S	1.15	55.1	2400	94.1	291	-
	1200	460	449T	H250E3S	\$27,230	DS-6S	1.15	55.1	2675	95	282	32, 33
300	3600	460	449TS	H300S1SS	\$24,404	DS-6S	1.15	51.4	2485	94.5	327	12
	1800	460	449T	H300S2S	\$22,899	DS-6S	1.15	55.1	2550	94.5	339	-
	1200	460	449T	H300E3S	\$31,303	DS-6S	1.15	55.1	2900	95.4	336	-
350	3600	460	449TS	H350S1SS	\$26,050	DS-6S	1.15	51.4	2550	94.5	381	-
	1800	460	449T	H350S2S	\$24,025	DS-6S	1.15	55.1	2650	95	388	-

Note 02 Suitable for Wye-Delta start on voltages shown
 Note 03 60/50 Hz rated with no derate on horsepower, 230/460 volt 60 Hz ratings operate on 190/380 volt 50 Hz. 460 Volt 60 Hz ratings operate on 380 volt 50 Hz power. Full 60 Hz and 50 Hz data is displayed on N/P.
 Note 04 On 60 Hertz Sine Wave power

Note 09 Roller Bearing
 Note 12 Unidirectional Fan - CCW direction facing opposite drive end (FODE)
 Note 32 Does not apply to EPCAct '92 and/or CSA® C390
 Note 33 Utilizes Titan® Construction Features
 Note LA Limited Availability

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General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) Hostile Duty Premium Efficient



CTE

APPLICATIONS:

Designed to meet manufacturer's requirements for pulp & paper plants, saw mills, mines, foundries, chemical plants, waste management facilities, and other process-related industries requiring protection within harsh operating conditions.

FEATURES:

- Class F Insulation, Class B Rise At Full Load (4)
- Cast Iron Frame (140: Rolled Steel), Cast Iron End Brackets
- Corrosion Resistant Mill & Chemical Duty Paint
- Stainless Steel Nameplate (with CE Mark) & Zinc Plated Hardware
- Shaft Slinger On Pulley End For IP54 Protection
- Dual Voltage 230/460 Volts (1-100 HP)
- 40°C Ambient, NEMA® Design B Performance (4)
- Regreaseable Ball Bearings 250 Frame & Up, Lifting Provisions 180 Frame & Up
- Double Shielded Bearings 140-360, Open On 400-440
- 1.15 Service Factor @ 60 Hz
- Steel Fan Cover & Conduit Box
- Field Convertible To F2 Mounting 180 Frame & Larger
- Condensation Drains With Plastic Plugs
- Conversion Kits: All Cast Iron Upgrade, C&D Flanges, Canopy Kits (exc. 320-360)

Discount Symbol DS-3XE

HP	RPM	Voltage	Frame	Catalog Number	List	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
1	1800	230/460	143T	H1P2B	\$612	1.15	12.9	45	85.5	3/1.5	-
	1800	575	143T	H1P2G	\$612	1.15	12.9	45	86.5	1.1	-
	1200	230/460	145T	H1P3B	\$684	1.15	13.1	50	82.5	3.5/1.8	-
	1200	575	145T	H1P3G	\$684	1.15	13.1	50	82.5	1.4	-
1-1/2	3600	230/460	143T	H32P1B	\$558	1.15	12.9	45	84	3.9/1.9	-
	3600	575	143T	H32P1G	\$558	1.15	12.9	45	84	1.5	-
	1800	230/460	145T	H32P2B	\$633	1.15	13.1	50	86.5	4.3/2.1	-
	1800	575	145T	H32P2G	\$633	1.15	13.1	50	86.5	1.7	-
	1200	230/460	182T	H32P3B	\$815	1.15	14.5	85	87.5	4.7/2.3	-
	1200	575	182T	H32P3G	\$815	1.15	14.5	85	87.5	1.8	-
2	3600	230/460	145T	H2P1B	\$634	1.15	13.1	50	86.5	4.9/2.4	-
	3600	575	145T	H2P1G	\$634	1.15	13.1	50	86.5	2	-
	1800	230/460	145T	H2P2B	\$664	1.15	13.1	50	86.5	5.7/2.8	-
	1800	575	145T	H2P2G	\$664	1.15	13.1	50	86.5	2.3	-
	1200	230/460	184T	H2P3B	\$828	1.15	15.5	95	88.5	6.2/3.1	-
	1200	575	184T	H2P3G	\$828	1.15	15.5	95	88.5	2.5	-
3	3600	230/460	182T	H3P1B	\$734	1.15	14.5	85	88.5	7.6/3.8	-
	3600	575	182T	H3P1G	\$734	1.15	14.5	85	88.5	3.1	-
	1800	230/460	182T	H3P2B	\$715	1.15	14.5	85	89.5	7.9/4	-
	1800	575	182T	H3P2G	\$715	1.15	14.5	85	89.5	3.2	-
	1200	230/460	213T	H3P3B	\$1,032	1.15	17.6	150	89.5	8.8/4.4	-
	1200	575	213T	H3P3G	\$1,032	1.15	17.6	150	89.5	3.5	-
5	3600	230/460	184T	H5P1B	\$903	1.15	15.5	100	89.5	12/6	-
	3600	575	184T	H5P1G	\$903	1.15	15.5	100	89.5	4.9	-
	1800	230/460	184T	H5P2B	\$755	1.15	15.5	150	89.5	12.5/6.3	-
	1800	575	184T	H5P2G	\$755	1.15	15.5	100	90.2	5	-
	1200	230/460	215T	H5P3B	\$1,199	1.15	19.1	105	90.2	14/7	-
	1200	575	215T	H5P3G	\$1,199	1.15	19.1	150	90.2	5.6	-
7-1/2	3600	230/460	213T	H7P1B	\$1,046	1.15	17.6	150	91.7	17.9/8.9	14
	3600	575	213T	H7P1G	\$1,046	1.15	17.6	150	91.7	7.1	14
	1800	230/460	213T	H7P2B	\$1,007	1.15	17.6	150	91.7	18.6/9.3	-
	1800	575	213T	H7P2G	\$1,007	1.15	17.6	150	91.7	7.5	-
	1200	230/460	254T	H7P3B	\$1,709	1.15	23.8	300	91.7	20.2/10.1	14
	1200	575	254T	H7P3G	\$1,709	1.15	23.8	300	91.7	7.9	14

Note 04 On 60 Hertz Sine Wave power

Note 14 NEMA® Design A

Note 12 Unidirectional Fan - CCW direction facing opposite drive end (FODE)

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General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) Hostile Duty Premium Efficient



CTE

APPLICATIONS:

Designed to meet manufacturer's requirements for pulp & paper plants, saw mills, mines, foundries, chemical plants, waste management facilities, and other process-related industries requiring protection within harsh operating conditions.

HP	RPM	Voltage	Frame	Catalog Number	List	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
10	3600	230/460	215T	H10P1B	\$1,227	1.15	19.1	180	91.7	23.5/11.8	-
	3600	575	215T	H10P1G	\$1,227	1.15	19.1	180	91.7	9.4	-
	1800	230/460	215T	H10P2B	\$1,131	1.15	19.1	190	91.7	23.9/12	-
	1800	575	215T	H10P2G	\$1,131	1.15	19.1	190	91.7	9.6	-
	1200	230/460	256T	H10P3B	\$1,952	1.15	25.5	340	91.7	25/12.5	14
	1200	575	256T	H10P3G	\$1,952	1.15	25.5	340	91.7	10	14
15	3600	230/460	254T	H15P1B	\$1,690	1.15	23.8	300	91.7	35/17.7	14
	3600	575	254T	H15P1G	\$1,690	1.15	23.8	300	91.7	14	14
	1800	230/460	254T	H15P2B	\$1,356	1.15	23.8	300	92.4	37/18.7	-
	1800	575	254T	H15P2G	\$1,356	1.15	23.8	300	93	14.6	-
	1200	230/460	284T	H15P3B	\$2,605	1.15	25.5	385	91.7	38/19	14
	1200	230/460	284T	H15P3B	\$2,605	1.15	25.5	385	91.7	38/19	14
	1200	575	284T	H15P3G	\$2,605	1.15	25.5	385	91.7	15.2	14
20	3600	230/460	256T	H20P1B	\$1,856	1.15	25.5	310	92.4	46/23	14
	3600	575	256T	H20P1G	\$1,856	1.15	25.5	310	92.4	18.3	14
	1800	230/460	256T	H20P2B	\$1,644	1.15	25.5	310	93	48/24.1	-
	1800	575	256T	H20P2G	\$1,644	1.15	25.5	310	93.6	19	-
	1200	230/460	286T	H20P3B	\$3,469	1.15	27.0	400	91.7	50/25.1	14
	1200	230/460	286T	H20P3B	\$3,469	1.15	27.0	400	91.7	50/25.1	14
	1200	575	286T	H20P3G	\$3,469	1.15	27.0	400	92.4	20	14
25	3600	230/460	284T	H25P1B	\$2,421	1.15	25.5	355	92.4	60/29.8	14
	3600	230/460	284TS	H25P1BS	\$2,421	1.15	25.5	355	92.4	60/29.8	14
	3600	575	284TS	H25P1GS	\$2,421	1.15	24.8	355	91.7	23.7	-
	1800	230/460	284T	H25P2B	\$2,152	1.15	25.5	355	93.6	59/29.4	-
	1800	575	284T	H25P2G	\$2,152	1.15	25.5	355	93.6	23.5	-
	1200	230/460	324T	H25P3B	\$3,925	1.15	30.6	510	93	59/29.4	-
	1200	575	324T	H25P3G	\$3,925	1.15	30.6	510	93	23.5	-
30	3600	230/460	286TS	H30P1BS	\$2,879	1.15	26.3	400	92.4	69/34	-
	3600	575	286TS	H30P1GS	\$2,879	1.15	26.3	400	92.4	27.6	-
	1800	230/460	286T	H30P2B	\$2,554	1.15	27.0	415	94.1	69/35	-
	1800	575	286T	H30P2G	\$2,554	1.15	27.0	415	94.1	27.6	-
	1200	230/460	326T	H30P3B	\$4,535	1.15	30.6	590	93	70/35	-
	1200	575	326T	H30P3G	\$4,535	1.15	30.6	590	93	28.1	-
40	3600	230/460	324TS	H40P1BS	\$3,729	1.15	29.1	460	93	92/46	14
	3600	575	324TS	H40P1GS	\$3,729	1.15	29.1	460	93	38	14
	1800	230/460	324T	H40P2B	\$3,340	1.15	30.6	510	94.1	92/46	-
	1800	575	324T	H40P2G	\$3,340	1.15	30.6	510	94.1	37	-
	1200	230/460	364T	H40P3B	\$5,652	1.15	32.6	800	94.5	92/46	-
	1200	575	364T	H40P3G	\$5,652	1.15	32.6	800	94.1	37	-
50	3600	230/460	326TS	H50P1BS	\$4,318	1.15	29.1	550	93	112/56	-
	3600	575	326TS	H50P1GS	\$4,318	1.15	29.1	550	93	45	-
	1800	230/460	326T	H50P2B	\$3,650	1.15	30.6	590	94.5	112/56	-
	1800	575	326T	H50P2G	\$3,650	1.15	30.6	590	94.5	45	-

Note 04 On 60 Hertz Sine Wave power

Note 14 NEMA® Design A

Note 12 Unidirectional Fan - CCW direction facing opposite drive end (FODE)

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General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) Hostile Duty Premium Efficient



CTE

APPLICATIONS:

Designed to meet manufacturer's requirements for pulp & paper plants, saw mills, mines, foundries, chemical plants, waste management facilities, and other process-related industries requiring protection within harsh operating conditions.

HP	RPM	Voltage	Frame	Catalog Number	List	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
50	1200	230/460	365T	H50P3B	\$6,830	1.15	32.6	890	94.1	115/58	-
	1200	575	365T	H50P3G	\$6,830	1.15	32.6	890	94.1	46	-
60	3600	230/460	364TS	H60P1BS	\$6,066	1.15	30.4	825	93	136/68	-
	3600	575	364TS	H60P1GS	\$6,066	1.15	30.4	825	93	54	14
	1800	230/460	364T	H60P2B	\$5,254	1.15	32.6	865	95	136/68	-
	1800	575	364T	H60P2G	\$5,254	1.15	32.6	865	95	55	-
	1800	230/460	364TS	H60P2BS	\$5,254	1.15	30.4	865	95	136/68	-
	1200	230/460	404T	H60P3B	\$8,125	1.15	36.1	1160	94.5	141/70	-
	1200	575	404T	H60P3G	\$8,125	1.15	36.1	1160	94.5	56	-
	3600	230/460	365TS	H75P1BS	\$7,058	1.15	30.4	875	94.1	167/84	14
75	3600	575	365TS	H75P1GS	\$7,058	1.15	30.4	875	93.6	67	14
	1800	230/460	365T	H75P2B	\$6,145	1.15	32.6	890	95.4	169/84	-
	1800	575	365T	H75P2G	\$6,145	1.15	32.6	890	95.4	68	-
	1800	230/460	365TS	H75P2BS	\$6,145	1.15	30.4	890	95.4	169/84	-
	1200	230/460	405T	H75P3B	\$9,462	1.15	37.6	1175	95	174/87	-
	1200	575	405T	H75P3G	\$9,462	1.15	37.6	1175	95	70	-
	3600	230/460	405TS	H100P1BS	\$9,650	1.15	34.6	1175	94.5	217/109	-
	3600	575	405TS	H100P1GS	\$9,650	1.15	34.6	1175	94.1	87	-
100	1800	230/460	405T	H100P2B	\$8,413	1.15	37.6	1200	95.4	227/113	-
	1800	575	405T	H100P2G	\$8,413	1.15	37.6	1200	95.4	91	-
	1800	230/460	405TS	H100P2BS	\$8,413	1.15	34.6	1200	95.4	227/113	-
	1200	230/460	444T	H100P3B	\$12,452	1.15	43.4	1600	95.4	247/124	-
	1200	575	444T	H100P3G	\$12,452	1.15	43.4	1600	95.4	99	-
	3600	460	444TS	H125P1SS	\$11,340	1.15	39.6	1550	95	145	12
	3600	575	444TS	H125P1GS	\$11,340	1.15	39.6	1550	95	118	12
	1800	460	444T	H125P2S	\$9,945	1.15	43.4	1575	95.4	146	-
125	1800	575	444T	H125P2G	\$9,945	1.15	43.4	1575	95.4	118	-
	1800	460	444TS	H125P2SS	\$9,945	1.15	39.6	1575	95.4	146	-
	1200	460	445T	H125P3S	\$14,068	1.15	45.4	1650	95.8	154	-
	1200	575	445T	H125P3G	\$14,068	1.15	45.4	1650	95.8	123	-
	3600	460	445TS	H150P1SS	\$13,294	1.25	41.6	1625	95	176	12
	3600	575	445TS	H150P1GS	\$13,294	1.15	41.6	1625	95	141	12
	1800	460	445T	H150P2S	\$11,651	1.15	45.4	1650	95.8	172	-
	1800	575	445T	H150P2G	\$11,651	1.15	45.4	1650	95.8	138	-
150	1800	460	445TS	H150P2SS	\$11,651	1.15	41.6	1650	95.8	172	-
	1200	460	447T	H150P3C	\$15,862	1.15	48.9	2000	96.2	181	-
	1200	575	447T	H150P3G	\$15,862	1.15	48.9	2000	96.2	145	-
	3600	460	447TS	H200P1SS	\$15,743	1.15	45.1	2100	95.4	220	-
	3600	575	447TS	H200P1GS	\$15,743	1.15	45.1	2100	95.4	175	-
	1800	460	447T	H200P2S	\$14,017	1.15	48.9	2150	96.2	224	-
	1800	460	447TS	H200P2SS	\$14,017	1.15	45.1	2150	96.2	224	-
	1800	575	447TS	H200P2G	\$14,017	1.15	45.1	2150	96.2	180	-

Note 04 On 60 Hertz Sine Wave power

Note 14 NEMA® Design A

Note 12 Unidirectional Fan - CCW direction facing opposite drive end (FODE)

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Definite Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) Unimount®, Inverter Duty 10:1 (6-60 Hz) Speed Range Variable Torque



APPLICATIONS:

Designed to meet manufacturer's requirements for pumps, fans, blowers or other inverter powered applications.

FEATURES:

- Inverter Grade® Insulation System (Meets NEMA MG-1 Part 31)
- Class F Thermostats (One Per Phase)
- Extruded Aluminum Frame (140: Rolled Steel)
- Aluminum End Shields With Steel Bearing Inserts
- 40°C Ambient, NEMA® Design B Performance (4)
- Removable Base 180 Frame & Larger
- Lifting Provisions 180 Frame & Larger
- Regreasable Shaft-End Bearing
- Double Shielded Bearings
- Double Dip & Bake With Extra Bracing
- Premium Efficient Design, Special Balance, F1 Assembly Position
- Class F Insulation, 1.15 S.F. On Sine Wave / 1.0 S.F. On PWM
- Constant Horsepower To 90 Hz
- Conversion Kits: C&D Flanges, Canopy, Brakes (56-210)

5:1 (12-60 Hz) Speed Range Constant Torque

HP	RPM	Voltage	Frame	Catalog Number	List	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps
1/3	1800 (3600)	208-230/460	56C	UN13V2BC	\$290	8.81	19	-	1.4-1.4/0.71	28
	1800 (3600)	230/460	56C	U13T2BCR	\$402	10.81	22	-	1.6/0.8	FTLS
1/2	1800 (3600)	208-230/460	56C	UN12V2BC	\$337	8.81	21	-	2.0-2.1/1.1	28
	1800 (3600)	230/460	56C	U12T2BCR	\$455	10.81	25	-	2.3/1.1	FTLS
3/4	1200 (2400)	208-230/460	56C	UN12V3BC	\$422	10.31	26	-	2.3-2.4/1.2	28
	1800 (3600)	208-230/460	56C	UN34V2BC	\$396	8.81	26	-	2.8-2.7/1.3	28
3/4	1800 (3600)	230/460	56C	U34T2BCR	\$502	12.06	29	-	2.7/1.3	FTLS
	1200 (2400)	208-230/460	56C	UN34V3BC	\$497	11.31	30	-	3.1-3.0/1.5	28
1	1800 (3600)	230/460	143TC	U1V2BC	\$450	13.13	35	85.5	2.9/1.5	
	1800 (3600)	208-230/460	145TC	UN1V2BC	\$462	11.88	28	86.6	3.5-3.4/1.7	28
	1800 (3600)	208-230/460	56C	UN1V2BFC	\$435	11.81	28	-	3.5-3.4/1.7	28
	1200 (2400)	230/460	145TC	U1V3BC	\$563	13.13	40	81.5	3.7/1.9	
1-1/2	3600 (7200)	230/460	143TC	U32V1BC	\$463	13.13	35	84.0	3.9/1.9	
	1800 (3600)	230/460	145TC	U32V2BC	\$498	13.13	40	85.5	4.2/2.1	
	1800 (3600)	208-230/460	56C	T32V2BFC	\$487	12.75	34	-	5.1-5.0/2.5	
	1200 (2400)	230/460	182TC	U32V3BC	\$589	16.13	60	87.5	4.6/2.3	
2	3600 (7200)	230/460	145TC	U2V1BC	\$538	13.13	40	86.5	4.9/2.4	
	1800 (3600)	230/460	145TC	U2V2BC	\$538	13.13	45	85.5	5.5/2.8	
	1200 (2400)	230/460	184TC	U2V3BC	\$654	16.88	70	87.5	6/3	
3	3600 (7200)	230/460	182TC	U3V1BC	\$621	16.13	60	87.5	7.8/3.9	
	1800 (3600)	230/460	182TC	U3V2BC	\$611	16.13	60	88.5	8.2/4.1	
	1200 (2400)	230/460	213TC	U3V3BC	\$863	18.63	110	90.2	8.7/4.4	
5	3600 (7200)	230/460	184TC	U5V1BC	\$769	16.88	75	88.5	12.1/6.1	
	1800 (3600)	230/460	184TC	U5V2BC	\$697	16.88	80	90.2	12.3/6.2	
	1200 (2400)	230/460	215TC	U5V3BC	\$1,268	20.13	140	90.2	14/7	
7-1/2	3600 (7200)	230/460	213T	U7V1B	\$997	18.63	100	91.0	17.8/8.9	
	1800 (3600)	230/460	213T	U7V2B	\$997	18.63	110	91.0	18.3/9.2	
	1200 (2400)	230/460	254T	U7V3B	\$1,697	23.88	200	91.0	18.6/9.3	
10	3600 (7200)	230/460	215T	U10V1B	\$1,176	20.13	120	91.0	23.5/11.8	
	1800 (3600)	230/460	215T	U10V2B	\$1,203	20.13	135	91.7	23.8/11.9	
	1200 (2400)	230/460	256T	U10V3B	\$1,994	25.63	250	91.7	24.5/12.3	
15	3600 (7200)	230/460	254T	U15V1B	\$1,600	23.88	190	90.2	35/17.7	
	1800 (3600)	230/460	254T	U15V2B	\$1,670	23.88	240	92.4	37/18.4	
20	3600 (7200)	230/460	256T	U20V1B	\$1,914	25.63	210	90.2	47/23.4	
	1800 (3600)	230/460	256T	U20V2B	\$1,922	25.63	250	93.0	47/23.7	

Note 04 On 60 Hertz Sine Wave power

Note FTLS Footless

Note 28 TENV Enclosure

† All non-Emerson Electric Co. marks shown within this document are properties of their other respective owners

Definite Purpose Three Phase Totally Enclosed Fan Cooled (TEFC) Hostile Duty, Inverter Duty 10:1 (6-60 Hz) Speed Range Variable Torque



CTI

APPLICATIONS:

Designed to meet manufacturer's requirements for pumps, fans, blowers or other inverter powered applications having variable torque requirements.

FEATURES:

- Inverter Grade[®] Insulation System (Meets NEMA[®] MG-1 Part 31)
- Class F Thermostats (One Per Phase)
- Cast Iron Frame (140: Rolled Steel), Cast Iron End Brackets
- Corrosion Resistant Mill & Chemical Duty Paint
- Stainless Steel Nameplate & Zinc Plated Hardware
- Shaft Slinger On Pulley End For IP54 Protection
- 40°C Ambient, NEMA Design B Performance (4)
- Special Balance
- Regreasable Bearings 250 Frame & Up
- Double Shielded Bearings 140-360, Open On 400-440
- Double Dip & Bake With Extra Bracing
- Premium Efficient Design, F1 Assembly Position
- Class F Insulation, 1.15 S.F. On Sine Wave / 1.0 S.F. On PWM
- Constant Horsepower To 90 Hz
- 1.15 S.F. On Sine Wave / 1.0 S.F. On PWM
- Conversion Kits: All Cast Iron Upgrade, C&D Flanges, Canopy Kits (except 320-360)

5:1 (12-60 Hz) Speed Range Constant Torque

Discount Symbol DS-VFM

HP	RPM (Max Speed)	Voltage	Frame	Catalog Number	List	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
1	1800 (3600)	230/460	143TC	H1V2BC	\$499	12.63	65	85.5	2.9/1.5	
	1200 (2400)	230/460	145TC	H1V3BC	\$626	12.63	70	81.5	3.7/1.9	
1-1/2	3600 (7200)	230/460	143TC	H32V1BC	\$514	12.63	65	84.0	3.9/1.9	
	1800 (3600)	230/460	145TC	H32V2BC	\$553	12.63	70	85.5	4.4/2.2	
2	1200 (2400)	230/460	182TC	H32V3BC	\$655	14.56	100	86.5	5/2.5	
	3600 (7200)	230/460	145TC	H2V1BC	\$599	12.63	70	86.5	4.9/2.4	
	1800 (3600)	230/460	145TC	H2V2BC	\$599	12.63	70	85.5	5.5/2.8	
3	1200 (2400)	230/460	184TC	H2V3BC	\$726	15.56	110	87.5	6/3	
	3600 (7200)	230/460	182TC	H3V1BC	\$691	14.56	100	87.5	7.8/3.9	
	1800 (3600)	230/460	182TC	H3V2BC	\$679	14.56	100	89.5	7.9/4.0	
5	1200 (2400)	230/460	213TC	H3V3BC	\$959	17.66	160	90.2	8.7/4.4	
	3600 (7200)	230/460	184TC	H5V1BC	\$855	15.56	110	88.5	12.2/6.1	
	1800 (3600)	230/460	184TC	H5V2BC	\$774	15.56	110	89.5	12.5/6.3	
7-1/2	1200 (2400)	230/460	215TC	H5V3BC	\$1,408	19.16	175	90.2	14/7	
	3600 (7200)	230/460	213T	H7V1B	\$1,108	17.56	160	91.0	17.8/8.9	
	1800 (3600)	230/460	213T	H7V2B	\$1,108	17.56	160	91.0	18.4/9.2	
10	1200 (2400)	230/460	254T	H7V3B	\$1,886	23.75	300	91.0	18.6/9.3	
	3600 (7200)	230/460	215T	H10V1B	\$1,308	19.06	175	91.0	23.2/11.6	
	1800 (3600)	230/460	215T	H10V2B	\$1,337	19.06	175	91.7	23.8/11.9	
15	1200 (2400)	230/460	256T	H10V3B	\$2,215	25.5	340	91.7	24.5/12.3	
	3600 (7200)	230/460	254T	H15V1B	\$1,778	23.75	300	90.2	35/17.7	
	1800 (3600)	230/460	254T	H15V2B	\$1,855	23.75	300	92.4	37/18.4	
20	1200 (2400)	230/460	284T	H15V3B	\$2,734	25.5	380	91.7	37/18.7	
	3600 (7200)	230/460	256T	H20V1B	\$2,127	25.5	350	91.0	46/23	
	1800 (3600)	230/460	256T	H20V2B	\$2,135	25.5	360	93.0	47/23.7	
25	1200 (2400)	230/460	286T	H20V3B	\$3,324	27	410	91.7	49/24.5	
	3600 (5400)	230/460	284TS	H25V1BS	\$2,654	24.81	350	91.7	59/29.3	
	1800 (2700)	230/460	284T	H25V2B	\$2,597	25.5	380	93.0	59/29.4	
30	1200 (2400)	230/460	324T	H25V3B	\$4,036	30.56	600	92.4	59/29.5	
	3600 (5400)	230/460	286TS	H30V1BS	\$3,136	26.31	400	91.7	69/35	
	1800 (2700)	230/460	286T	H30V2B	\$3,073	27	440	93.6	69/34	
	1200 (2400)	230/460	326T	H30V3B	\$4,625	30.56	675	93.0	70/35	

Note 04 On 60 Hertz Sine Wave power

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Definite Purpose Three Phase Totally Enclosed Fan Cooled (TEFC) Hostile Duty, Inverter Duty 10:1 (6-60 Hz) Speed Range Variable Torque



CTI

APPLICATIONS:

Designed to meet manufacturer's requirements for pumps, fans, blowers or other inverter powered applications having variable torque requirements.

5:1 (12-60 Hz) Speed Range Constant Torque

HP	RPM (Max Speed)	Voltage	Frame	Catalog Number	List	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
40	3600 (5400)	230/460	324TS	H40V1BS	\$3,812	29.06	560	92.4	91/46	
	1800 (2700)	230/460	324T	H40V2B	\$3,697	30.56	600	93.6	92/46	
	1200 (2400)	230/460	364T	H40V3B	\$6,565	32.56	875	94.1	93/46	
50	3600 (5400)	230/460	326TS	H50V1BS	\$4,906	29.06	600	93.0	112/56	
	1800 (2700)	230/460	326T	H50V2B	\$4,552	30.56	610	94.1	113/56	
	1200 (2400)	230/460	365T	H50V3B	\$7,340	32.56	900	94.1	116/58	
60	3600 (4500)	230/460	364TS	H60V1BS	\$6,402	30.44	790	93.0	136/68	
	1800 (3600)	230/460	364T	H60V2B	\$6,487	32.56	825	94.5	136/68	
	1200 (2400)	230/460	404T	H60V3B	\$8,313	36.13	1160	94.5	140/70	
75	3600 (4500)	230/460	365TS	H75V1BS	\$8,060	30.44	830	93.6	167/83	
	1800 (3600)	230/460	365T	H75V2B	\$8,359	32.56	910	95.0	168/84	
	1200 (2400)	230/460	405T	H75V3B	\$9,940	37.63	1300	95.0	172/86	
100	3600 (4500)	230/460	405TS	H100V1BS	\$10,306	34.63	1200	94.5	218/109	
	1800 (3600)	230/460	405T	H100V2B	\$9,812	37.63	1250	95.4	226/113	
	1200 (2400)	460	444T	H100V3C	\$13,914	43.38	1660	94.5	124	
125	3600 (4500)	460	444TS	H125V1CS	\$14,864	39.63	1550	94.5	147	
	1800 (3600)	460	444T	H125V2C	\$13,806	43.38	1675	95.4	146	
	1200 (2400)	460	445T	H125V3C	\$16,014	45.38	1750	95.4	153	
150	3600 (4500)	460	445TS	H150V1CS	\$17,857	41.63	1650	95.4	179	
	1800 (3600)	460	445T	H150V2C	\$16,112	45.38	1780	95.8	171	
	1200 (2400)	460	447T	H150V3C	\$18,698	48.88	2100	95.0	181	
200	3600 (4500)	460	447TS	H200V1CS	\$22,591	45.13	2040	95.4	219	
	1800 (3600)	460	447T	H200V2C	\$19,365	48.88	2120	95.8	226	

Note 04 On 60 Hertz Sine Wave power

Definite Purpose Three Phase Totally Enclosed Fan Cooled (TEFC) Hostile Duty, Inverter Duty 10:1 (6-60 Hz) Speed Range Constant Torque



CTI

APPLICATIONS:

Designed to meet manufacturer's requirements for pumps, fans, blowers or other inverter powered applications having constant torque requirements.

FEATURES:

- Inverter Grade[®] Insulation System (Meets NEMA[®] MG-1 Part 31)
- Class F Thermostats (One Per Phase)
- Cast Iron Frame (140: Rolled Steel), Cast Iron End Brackets
- Corrosion Resistant Mill & Chemical Duty Paint
- Stainless Steel Nameplate & Zinc Plated Hardware
- Shaft Slinger On Pulley End For IP54 Protection
- 40°C Ambient, NEMA[®] Design A Performance
- Regreasable Bearings 250 Frame & Up, Lifting Provisions 180 Frame & Up
- Double Shielded Bearings 140-360, Open On 400-440
- Double Dip & Bake With Extra Bracing
- Premium Efficient Design, Special Balance, F1 Assembly Position
- Class F Insulation, 1.15 S.F. On Sine Wave / 1.0 S.F. On PWM
- Cast Iron Inner Bearing Caps (180 Frame & Up)
- Conversion Kits: All Cast Iron Upgrade, C&D Flanges, Canopy Kits (except 320-360)

HP	RPM (Max Speed)	Voltage	Frame	Catalog Number	List	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
1	1800 (3600)	230/460	145TC	H1T2BC	\$687	-	65	84.0	3.5/1.8	
	1200 (2400)	230/460	182TC	H1T3BC	\$789	-	70	84.0	4.3/2.1	
1-1/2	3600 (7200)	230/460	145TC	H32T1BC	\$733	-	70	86.5	3.8/1.9	
	1800 (3600)	230/460	145TC	H32T2BC	\$733	-	70	85.5	4.7/2.3	
	1200 (2400)	230/460	184TC	H32T3BC	\$860	-	110	87.5	5.1/2.6	
2	3600 (7200)	230/460	182TC	H2T1BC	\$825	-	100	86.5	5.6/2.8	
	1800 (3600)	230/460	182TC	H2T2BC	\$813	-	100	89.5	6.0/3.0	
	1200 (2400)	230/460	213TC	H2T3BC	\$1,093	-	160	89.5	6.9/3.5	
3	3600 (7200)	230/460	184TC	H3T1BC	\$989	-	110	89.5	7.9/3.9	
	1800 (3600)	230/460	184TC	H3T2BC	\$908	-	110	90.2	8.5/4.2	
	1200 (2400)	230/460	215TC	H3T3BC	\$1,542	-	175	90.2	10.0/5.0	
5	3600 (7200)	230/460	213T	H5T1B	\$1,242	-	160	91.0	12.3/6.2	
	1800 (3600)	230/460	213T	H5T2B	\$1,242	-	160	91.7	13.1/6.6	
	1200 (2400)	230/460	254T	H5T3B	\$2,020	-	300	91.7	13.3/6.6	
7-1/2	3600 (7200)	230/460	215T	H7T1B	\$1,442	-	175	91.7	17.5/8.8	
	1800 (3600)	230/460	215T	H7T2B	\$1,471	-	175	92.4	18.4/9.2	
	1200 (2400)	230/460	256T	H7T3B	\$2,349	-	340	92.4	19.1/9.5	
10	3600 (7200)	230/460	254T	H10T1B	\$1,912	-	300	91.0	24.0/12.0	
	1800 (3600)	230/460	254T	H10T2B	\$1,989	-	300	93.0	26.1/13	
	1200 (2400)	230/460	284T	H10T3B	\$2,868	-	380	92.4	26.9/13.5	
15	3600 (7200)	230/460	256T	H15T1B	\$2,261	-	350	91.7	34.0/17.2	
	1800 (3600)	230/460	256T	H15T2B	\$2,269	-	360	94.1	36.0/18	
	1200 (2400)	230/460	286T	H15T3B	\$3,458	-	410	92.4	38.0/19.0	
20	3600 (5400)	230/460	284TS	H20T1BS	\$2,788	-	350	91.7	47/23.5	
	1800 (2700)	230/460	284T	H20T2B	\$2,731	-	390	93.6	48/23.9	
	1200 (2400)	230/460	324T	H20T3B	\$4,170	-	600	93.0	48/23.8	
25	3600 (5400)	230/460	286TS	H25T1BS	\$3,270	-	400	92.4	57/28.5	
	1800 (2700)	230/460	286T	H25T2B	\$3,207	-	440	94.1	58/28.9	
	1200 (2400)	230/460	326T	H25T3B	\$4,760	-	675	93.6	59/29.3	
30	3600 (5400)	230/460	324TS	H30T1BS	\$3,946	-	560	92.4	68/34	
	1800 (2700)	230/460	324T	H30T2B	\$3,831	-	600	94.5	69/35	
	1200 (2400)	230/460	364T	H30T3B	\$6,699	-	875	94.5	71/35	

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Definite Purpose Three Phase Totally Enclosed Fan Cooled (TEFC) Hostile Duty, Inverter Duty 10:1 (6-60 Hz) Speed Range Constant Torque



CTI









APPLICATIONS:

Designed to meet manufacturer's requirements for pumps, fans, blowers or other inverter powered applications having constant torque requirements.

HP	RPM (Max Speed)	Voltage	Frame	Catalog Number	List	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
40	3600 (5400)	230/460	326TS	H40T1BS	\$5,040	-	600	93.6	89/44	
	1800 (2700)	230/460	326T	H40T2B	\$4,686	-	610	94.5	90/45	
	1200 (2400)	230/460	365T	H40T3B	\$7,474	-	900	94.5	93/47	
50	3600 (4500)	230/460	364TS	H50T1BS	\$6,536	-	790	93.6	113/57	
	1800 (3600)	230/460	364T	H50T2B	\$6,621	-	825	95.0	115/57	
	1200 (2400)	230/460	404T	H50T3B	\$8,447	-	1160	94.5	118/59	
60	3600 (4500)	230/460	365TS	H60T1BS	\$8,194	-	880	94.1	133/67	
	1800 (3600)	230/460	365T	H60T2B	\$8,493	-	910	95.4	135/67	
	1200 (2400)	230/460	405T	H60T3B	\$10,075	-	1300	95.4	139/69	
75	3600 (4500)	230/460	405TS	H75T1BS	\$10,440	-	1200	94.5	164/82	
	3600 (4500)	230/460	405TS	H75T1BS	\$10,440	-	1200	94.5	164/82	
	1800 (3600)	230/460	405T	H75T2B	\$9,946	-	1250	95.4	174/87	
	1200 (2400)	460	444T	H75T3C	\$14,048	-	1660	94.5	98	
100	3600 (4500)	460	444TS	H100T1CS	\$14,998	-	1550	94.5	121	
	1800 (3600)	460	444T	H100T2C	\$13,940	-	1675	95.4	119	
	1200 (2400)	460	445T	H100T3C	\$16,148	-	1750	95.8	125	
125	3600 (4500)	460	445TS	H125T1CS	\$17,991	-	1650	95.4	152	
	1800 (3600)	460	445T	H125T2C	\$16,246	-	1780	95.8	144	
	1200 (2400)	460	447T	H125T3C	\$18,832	-	2100	95.4	153	
150	3600 (4500)	460	447TS	H150T1CS	\$22,725	-	2040	95.8	166	
	1800 (3600)	460	447T	H150T2C	\$19,499	-	2120	95.8	173	


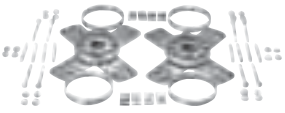

Accessories

Provide maximum flexibility in applying standard replacement motors to various applications

Catalog Number	Description	Quantity Per Kit	List Price	Item
1	Shaft Conversion Set. Each set includes 1 shaft adapter and 1 key (converts 1/2" shaft to 5/8" key)	10 sets	\$11.00	
9	Steel Banded Hub ring set — 2 1/4" diameter (2 per set)	1 set	\$5.00	
10	Steel Banded Hub ring set — 2 1/2" diameter (2 per set)	1 set	\$5.00	
15	Rubber Hub Ring — 2 1/2" diameter (2 per set)	1 set	\$5.00	
52	Base clamp mounting hardware—2 1/2" diameter. Each set includes all hardware necessary to mount base to one motor.	6 sets	\$20.00	
13	Belly Band Mount adjustable ear mount for 5.0" and 5.6" diameter motor (expanding ring type)	1 mount	\$16.00	
25	Belly Band Mount adjustable ear mount for 5.6" diameter motor (double wire type)	1 mount	\$20.00	
55	One kit equals 1 carton of 144 studs and 288 nuts. For resale convenience we have packaged 12 studs and 24 nuts in a plastic bag, twelve bags to each carton. Price is for complete carton. 8-1/2" long 8x32 thread stator studs and nuts	12 bags, with 12 studs and 24 nuts in each bag	\$25.00	
16	Direct drive blower mounting ring set—double wire type Each set includes motor support ring—3 rubber mounting bushings with sleeves and mounting screws For 5.0" diameter motor — 9-9/32" blower mount dia.	1 set	\$21.00	
17	For 5.6" diameter motor — 10" blower mount dia.	1 set	\$21.00	

Accessories

Provide maximum flexibility in applying standard replacement motors to various applications

Catalog Number	Description	Quantity Per Kit	List Price	Item
43	Direct drive belly band blower mounting ring set – E Band – torsion type. Each set includes motor support ring with welded ears. Mounting ears have dual mounting holes to fit either blower mount diameter. For 5.0" diameter motor — 9" or 10" blower mount dia.	1 mount	\$12.00	
44	For 5.6" diameter motor — 9" or 10" blower mount dia.	1 mount	\$14.00	
27	Hub length adapter set. Each set includes two 2-1/4" resilient mounting rings and four metal outer rings to convert to 2-1/2" rings. (Fits 5.0" and 5-5/8" diameter motors.) Also includes 10-32 studs for adaptation to 21 frame and 8-32 screws for extended studs for 5.0" and 5.6" frame.	1 set	\$18.00	
26	Drip shield for condenser fan motors — 6 3/8" dia. with 1/2" diameter shaft hole for NEMA 42, 48 or 56Z frame motors	1 shield	\$10.00	
28	Drip shield for condenser fan motors — 6 3/8" dia. with 5/8" diameter shaft hole for NEMA 42, 48 or 56Z frame motors	1 shield	\$10.00	

Resilient Base Cradle Kits for PSC & Shaded Pole Motors

Refer to XD dimension on catalog pages to determine base length required. Each kit includes one cradle base, 2 base clamp assemblies and 2 hub rings, unless otherwise noted.



Kit Number	Shaft Height	Hub to Hub (XD) Length	Hub Ring Diameter	List Price
46	2-5/8	4-1/4	2-1/4	\$14
35	2-5/8	4-1/4	2-1/2	\$14
3	3	4-1/8	2-1/2	\$14
30	3	4-3/8	2-1/2	\$14
7	3	4-5/8	2-1/2	\$14
4	3	4-7/8	2-1/2	\$14
19	3	5-1/8	2-1/2	\$10
32	3	5-3/8	2-1/2	\$14
38	3	6-1/2	2-1/2	\$14

Kit Number	Shaft Height	Hub to Hub (XD) Length	Hub Ring Diameter	List Price
5	3-1/2	4-1/8	2-1/2	\$14
31	3-1/2	4-3/8	2-1/2	\$14
6	3-1/2	4-7/8	2-1/2	\$14
20	3-1/2	5-1/8	2-1/2	\$10
34	3-1/2	5-3/8	2-1/2	\$14
37	3-1/2	6-1/2	2-1/2	\$14
12	3-1/2	7	2-1/2	\$11
51	3-1/2	7-1/2	2-1/2	\$12

C-Face Kits

APPLICATIONS:

Kit designed for conversion of off-the-shelf motors to accommodate a C Flange Mount.

Unimount®

Types FUT, UTE, UTF & UT

Frame	Catalog Number	List	Discount Symbol	AK Dimension	Notes
56-140	374790	\$36	DS-3TE	4-1/2"	
180	362843	\$54	DS-3TE	4-1/2"	
	362842	\$72	DS-3TE	8-1/2"	
210	365033	\$66	DS-3TE	8-1/2"	
250	365568	\$96	DS-3TE	8-1/2"	
280	370421	\$200	DS-3TE	10-1/2"	

Corro-Duty®

Types TCE, CTI

Frame	Catalog Number	List	Discount Symbol	AK Dimension	Notes
140	430512	\$120	DS-3TE	4-1/2"	40, Not CE
180	427670	\$145	DS-3TE	8-1/2"	40
	427672	\$175	DS-3TE	4-1/2"	40
210	425854	\$145	DS-3TE	8-1/2"	40
250	426051	\$225	DS-3TE	8-1/2"	40
280	428973	\$250	DS-3TE	10-1/2"	40
320	424742	\$350	DS-3TE	12-1/2"	
360	427416	\$470	DS-3TE	12-1/2"	42
360TS	427418	\$470	DS-3TE	12-1/2"	Not CE
400	424632	\$750	DS-3TE	12-1/2"	42, Not CE, AP
400TS	424634	\$750	DS-3TE	12-1/2"	Not CE, AP
440	427504	\$950	DS-3TE	16"	42, Not CE, AP
440TS	427505	\$950	DS-3TE	16"	Not CE, AP

Note 40 Non-NEMA[®] "BA" Dimension
 Note 41 Pulley End Bearing Clamp Provision
 Note 42 Not Usable On Short Shaft (TS or US)

Note 43 G350 to be used on M/N F593, F588, F587 & F586 only;
 G351 to be used on all other M/Ns

Note 101 Not Usable On CTI Cooling Tower
 Note AP Can be used for FCT, CTE, JAD, JDE

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C-Face Kits

APPLICATIONS:

Kit designed for conversion of off-the-shelf motors to accommodate a C Flange Mount.

Hostile Duty Types FCT & CTE,

Frame	Catalog Number	List	Discount Symbol	AK Dimension	Notes
56*	G351	\$96	DS-3TE	4-1/2"	40, 43
	G350	\$96	DS-3TE	4-1/2"	40, 43
140	888910	\$90	DS-3TE	4-1/2"	40
180	386760	\$130	DS-3TE	4-1/2"	40, JAD, JDE
	888911	\$120	DS-3TE	4-1/2"	40, FCT, CTE
	888912	\$165	DS-3TE	8-1/2"	40
210	888913	\$192	DS-3TE	8-1/2"	40
250	888914	\$230	DS-3TE	8-1/2"	40, 41
280	888915	\$120	DS-3TE	10-1/2"	41
320	416478	\$330	DS-3TE	12-1/2"	41
360	425918	\$450	DS-3TE	12-1/2"	41, 42
360TS	427417	\$450	DS-3TE	12-1/2"	41

Hostile Duty Types FCT & CTE, Severe Duty Types TCE & TCI

Frame	Catalog Number	List	Discount Symbol	AK Dimension	Notes
400	424632	\$750	DS-3TE	12-1/2"	42, Not CE
400TS	424634	\$750	DS-3TE	12-1/2"	Not CE
440	427504	\$950	DS-3TE	16"	42, Not CE
440TS	427505	\$950	DS-3TE	16"	Not CE

Hostile Duty Types FCT & CTE,

(Old Design 320 Frame)

Frame	Catalog Number	List	Discount Symbol	AK Dimension	Notes
320	895632	\$550	DS-3TE	12-1/2"	JAD, JDE
	395393	\$550	DS-3TE	12-1/2"	41, FCT, CTE

Note 40 Non-NEMA® "BA" Dimension
 Note 41 Pulley End Bearing Clamp Provision
 Note 42 Not Usable On Short Shaft (TS or US)
 *NEMA® frame only

Note 43 G350 to be used on M/N F593, F588, F587 & F586 only;
 G351 to be used on all other M/N's
 Note 101 Not Usable On CTI Cooling Tower

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Dripcover Kits

APPLICATIONS:

Provides protection to the motor in a vertical shaft down position.

Unimount®

Types FUT, UTE, UTF & UT

Frame	Catalog Number	List	Discount Symbol	Notes
56-140	362108	\$60	DS-3TE	
180	362260	\$103	DS-3TE	
210	365035	\$115	DS-3TE	
250-280	370422	\$133	DS-3TE	

Open Dripproof

Types FD, FR

Frame	Catalog Number	List	Discount Symbol	Notes
140	969573	\$60	DS-3TE	
180	969574	\$103	DS-3TE	
210	969575	\$115	DS-3TE	
250	472131	\$140	DS-3TE	
280	969578	\$160	DS-3TE	
320	969579	\$180	DS-3TE	

Hostile Duty

Types FCT, CTE, CTI, TCE & CE

Frame	Catalog Number	List	Discount Symbol	Notes
140	967059	\$90	DS-3TE	44
180	967060	\$150	DS-3TE	44
210	967061	\$165	DS-3TE	44
250	967062	\$200	DS-3TE	45
280	967063	\$310	DS-3TE	
320	967064	\$420	DS-3TE	
360	967065	\$680	DS-3TE	
400	967066	\$950	DS-3TE	
440	967067	\$1,080	DS-3TE	

Note 44 Requires Cast Iron Fan Cover Kit for FCT, CTE & CTI Types

Note 45 Not To Be Used On Foot Mounted Motor

Motor Terminology Guide

Basic Considerations

It is important to select the motor that will help assure optimum performance of the appliance or equipment to be driven. To do this, a motor must be selected that is capable of starting the equipment, bringing it up to operating speed, and driving it at the necessary loading speed as long as required without excessive heating.

We suggest that motor specifications be considered in the following order:

Application. General purpose, condenser fan, belted fan, compressor, high pressure washer etc.

Motor Type. Operating characteristics such as: capacitor start, capacitor start - capacitor run, split phase, permanent split capacitor, shaded pole and three phase.

Enclosure. The motor's housing type, such as: open, open drip proof, totally enclosed fan cooled, totally enclosed non-ventilated, totally enclosed air over, etc.

Mounting. C-face, resilient base, rigid base, etc.

Bearings. Sleeve, ball (shields or seals).

Thermal Protection. Types of protection include automatic reset, manual reset, non-resettable, impedance protected and thermostat. Non-protected motors have no internal thermal protector and should not be used on applications that can start automatically or are out of sight of the operator.

Once these items are established, final specifications may be made for: horsepower, speed, voltage, NEMA frame size, service factor and full load amps.

Service Factor

This is a measure of the reserve margin built into a motor. It is expressed as a multiplier of the rated horsepower and determines permissible horsepower loading which may be carried continuously under normal environmental conditions. A motor operated at a service factor higher than 1.0 will have a higher temperature rise and may have different efficiency, power factor and speed than at the rated horsepower. Locked rotor torque and breakdown torque will remain unchanged.

Example: A motor operated at rated voltage and frequency, nameplate rating 1/4 HP, 1.35 service factor. 1/4 HP x 1.35 SF = .337 HP permissible loading if the ambient temperature does not exceed 40° C.

Insulation System Classification

The insulation system is made up of the electrical insulation materials used in the stator slot, wire coverings and supporting structural parts. It is classified for temperature rating purposes based on its thermal endurance. The classifications and their maximum temperatures for long service life are:

Class A	105° C
Class B	130° C
Class F	155° C
Class H	180° C

To determine the insulation class needed, add the maximum ambient temperature and the maximum temperature rise of the winding of the motor in the application.

Electric Motor Terminology

Ambient (Amb). The temperature of the space around the motor. Most motors are designed to operate in an ambient not over 40°C (104°F).

Note: A rating of 40°C Ambient is not the same as a rating of 40°C Rise, see "Temperature Rise."

Bearings (BRGS). Basic types include:

- **Sleeve (Slv).** Preferred where low noise level is important, as on fan and blower motors. Unless otherwise stated, sleeve bearing motors listed can be mounted in any position, including shaft-up or shaft-down.
- **Ball.** Used where higher load capacity, either axial or radial, is required or where the shaft speed is lower than 500 RPM. Shields, metal rings with close running clearance on one side (single-shielded) or both sides (double-shielded) of bearing, and seals, which are similar except with rubber lips that press against inner race, more effectively excluding dirt, etc., are two barriers used to keep out dirt.

Efficiency. The ratio of output power divided by input power, usually expressed as a percentage. A measure of how well the electrical energy input to a motor is converted into mechanical energy at the output shaft. The higher the efficiency, the better the conversion process.

Enclosure (Encl). The motor's housing. Types:

- **Open.** Ventilation openings in the shell and/or end shields which permit passage of external air over and around the windings of the motor. Used indoors, in fairly clean locations.
- **Open Air Over (OAO).** Motors intended for fan and

Motor Terminology Guide

blower service. Must be located in the air stream to provide motor cooling.

- **Open Drip-proof (ODP).** Ventilation openings in end shields and shell placed so drops of liquid falling within an angle of 15° from vertical will not touch the windings.
- **Totally Enclosed (TE).** No ventilation openings in motor housing (but not airtight). Used in locations which are dirty, damp, oily, etc. Includes:
 - **Totally Enclosed, Fan-Cooled (TEFC).** Includes an external fan, in a protective shroud, to blow cooling air over the motor frame.
 - **Totally Enclosed, Non-Ventilated (TENV).** Depends on convection air for cooling.
 - **Totally Enclosed, Air Over (TEAO).** Depends on air flow from driven device for motor cooling. To avoid overheating, these motors must not be used in applications where there is no air over.
- **Hazardous Location.** A totally enclosed motor designed to withstand internal explosion of specified gases or vapors, and not allow the internal flame or explosion to escape.

Full-Load Amps (F/L Amps). Line current drawn by a motor when operating at rated load and voltage. Shown on motor nameplate along with service factor amps if other than 1.0. Important for proper wire size selection and motor starter heater and overcurrent protector selection.

Frame. Usually refers to the NEMA system of standardized motor mounting dimensions, which facilitates replacement.

Hertz (Hz). Frequency, in cycles per second, of AC power; usually 60 Hz in USA, 50 Hz overseas.

Horsepower. The unit of output power usually applied to electric motors in North America. One horsepower is equivalent to 746 watts. Motor output power can also be rated in terms of watts. A 9 watt motor is 0.012 or 1/80 horsepower.

Motor Speeds

- **Synchronous.** The theoretical maximum speed at which an induction-type motor can operate. Synchronous speed is determined by the power line frequency and motor design (number of poles), and can be calculated using the formula:

$$\text{RPM} = \frac{\text{Frequency in Hz} \times 120}{\text{No. of poles}}$$

- **Full-load.** The nominal speed at which an induction motor operates under rated input and load conditions.

This will always be less than the synchronous speed and will vary depending on the rating and characteristics of the particular motor. For example, four pole 60 Hz fractional horsepower motors have a synchronous speed of 1800 rpm, a nominal full load speed (as shown on the nameplate) of 1725 rpm, and an actual full load speed typically ranging from 1715 to 1735 rpm.

Motor Types. Except where noted all types require single phase AC power.

- **Shaded pole.** Low starting torque, low cost. Usually used in direct drive fans and blowers, and in small pumps.
- **Permanent split capacitor (PSC).** Performance and applications similar to shaded pole but more efficient, with lower line current and higher horsepower capabilities.
- **Split phase start-induction run (or simply split phase).** Moderate starting torque, high breakdown torque, high starting current. Used on easy-starting equipment, such as belt driven fans and blowers, grinders, centrifugal pumps, gear motors, etc.
- **Split phase start-capacitor run.** Performance and applications similar to split phase start-induction run, except have higher efficiency.
- **Capacitor start-induction run (or simply capacitor start or capacitor).** High starting and breakdown torque, medium starting current. Used on hard starting applications; compressors, positive displacement pumps, farm equipment, etc.
- **Capacitor start-capacitor run (two-value).** Performance and applications similar to capacitor start-induction-run, except have higher efficiency. Generally used in higher single phase HP ratings.
- **Three Phase.** Operate on 3-phase power only. High starting and breakdown torque, high efficiency, medium starting current, no starting switch or auxiliary winding, simple, rugged design, long life. For all types of industrial uses.
- **Direct Current (DC).** Usable only if DC power supply is available. Commonly used on adjustable-speed applications.

Mounting (MTG).

- **Rigid.** Motor solidly fastened to equipment through metal base that is bolted or welded to motor shell, or

Motor Terminology Guide

mounted to end shield hubs without resilient rings (see “flange” below).

- **Resilient (Res).** Sometimes called rubber or hub mounted - motor shell isolated from base by vibration absorbing material, such as rubber rings on the end shields, to reduce transmission of vibration to the housing of the unit or appliance.
- **Face or flange.** Shaft end, end cover has a flat mounting surface, machined to NEMA standard dimensions with holes to allow easy, secure mounting to the housing of the unit or appliance. Commonly used on jet pumps, oil burners and gear reducers.
- **Stud.** Motor has bolts extending from front or rear, by which it is mounted. Often used on small, direct drive fans and blowers.
- **Yoke.** Tabs or ears are welded to motor shell, to allow bolting to a fan column or bracket. Used on fan-duty motors.

Power. The energy used to do work. Also the rate at which work is done. Measured in watts, horsepower, etc.

Power Factor. The ratio of real power (watts) supplied divided by apparent power supplied (volt-amperes). A measure of how well power transmission or distribution systems are being used. Do not confuse power factor with efficiency.

RPM. Rotational speed in revolutions per minute.

Rotation (Rot). Direction in which shaft rotates: CW means clockwise; CCW means counterclockwise; Rev means reversible. Rotation is usually referenced from the lead end (LE) of the motor.

Service Factor (SF). A measure of the reserve margin built into a motor. Motors rated greater than 1.0 SF have more than normal margin, and are used where unusual conditions such as occasional high or low voltage, momentary overloads, etc. are likely to occur. Used in “heavy duty” applications.

Temperature Rise. The amount by which a motor, operating under rated conditions, is hotter than its surroundings. The temperature rise rating on the motor nameplate has been replaced by a listing of maximum ambient temperature, insulation class and service factor. See “Insulation.”

Thermal Protector. A temperature or current sensing device usually integral within the motor, that disconnects the motor winding from its power source to prevent overheating due to overload or failure to start. Basic types of

thermal protectors include:

- **Automatic Reset (Auto).** After motor cools, protector automatically restores power. Should not be used where unexpected restarting would be hazardous.
- **Manual Reset (Man).** An external button must be pushed to restore power to motor. Preferred where unexpected restarting would be hazardous, as on saws, conveyors, compressors, etc.
- **Impedance Protected.** Motor is designed with sufficiently high inherent impedance to prevent overheating under any condition of load, including locked rotor (stalled).
- **Non-resettable (one shot).** When motor heats up the protector contacts open, but cannot be reclosed. This type of protector is used primarily in unattended fans where a stalled condition is usually not detected.

Thermostat. Employs a built-in temperature sensing device, with external leads, which must be properly connected to the control circuit of the motor controller to limit the frame or winding temperature as required by U.L., the N.E.C., C.S.A. or the C.E.C.

Torque. Twist, or turning ability, supplied by the shaft. Measured in foot-pounds (ft-lbs), inch-pounds (in-lbs), ounce-feet (oz-ft) or ounce-inches (oz-in). Three torque values are important.

- **Locked rotor or starting torque.** The torque produced at initial start.
- **Breakdown torque.** The maximum torque a running motor will produce, without stalling.
- **Pull-up torque.** The minimum torque available during the acceleration period.

Voltage. Force pushing electric current through a circuit, like pressure in a water system.

Motor Selection Guide

Instructions

How to Use this Selection Guide

1. Measure the diameter of the motor if not known.
2. Check the RPM of the motors; (7200 divided by the number of poles or coil windings for 60 Hz Applications)
 - 2 Poles = 3000 to 3600 RPM
 - 4 Poles = 1500 to 1725 RPM
 - 6 Poles = 1050 to 1140 RPM
 - 8 Poles = 800 to 850 RPM
3. Measure the length of the stack of the stator to determine horsepower. (Disassemble motor for this or measure between the dimples on the exterior of the shell)
4. Look in the tables and find the motor diameter you need for the replacement.
5. Find in the section that matches the voltage you need.
6. Look down the RPM column and find the motors that match the required speed.
7. Find the motors that have the same or greater stack (or HP or Amps if known).
8. Then pick the group that is the right electrical type Shaded Pole or PSC. PSC can replace a Shaded Pole, but usually with 1/2" less stack. A shaded pole cannot replace a PSC. All other motors should be replaced by the exact electrical type.
9. Match up the application and enclosure you need. (Do not use an open motor to replace an enclosed motor.) This will point you to the catalog motor number(s) that may fit your application and the page of the catalog where to find the details on the motor(s). Turn to the catalog page and check the detailed rating data and mechanical features to assure the proper selection.

Abbreviations

Shaft

DBL Double Shaft

Enclosure

ODP Open Drip-proof
OAO Open Air Over
ODPAO Open Drip-proof, Air Over
OFC Open Fan Cooled
TEAO Totally Enclosed, Air Over
TEFC Totally Enclosed, Fan Cooled
TENV Totally Enclosed, Non-Ventilated

Motor Type

Cap St Capacitor Start
CS/CR Capacitor Start/Capacitor Run
PSC Permanent Split Capacitor
Shd Pl Shaded Pole
Spl Phs Split Phase
Spl/Cr Split Phase/Capacitor Run
3Phs Three Phase

Motor Selection Guide

3.3" Diameter

115 Volts

Poles	RPM	HP	Amps	Iron Stack	Speed	Shaft	Type	Motor Type	Enclosure	Catalog Number	Page
4	1550	2W	0.2	0.500	1	0.250	Shd PI	Unit Bearing	TEAO	2102	29
4	1550	4W	0.5	0.500	1	0.250	Shd PI	Unit Bearing	TEAO	2103	29
4	1550	4W	0.5	0.500	1	0.250	Shd PI	Unit Bearing	TEAO	2115	29
4	1550	5W	0.6	0.500	1	0.250	Shd PI	Unit Bearing	TEAO	2119	29
4	1550	5W	0.6	0.500	1	0.250	Shd PI	Unit Bearing	TEAO	2120	29
4	1550	6W	0.6	0.750	1	0.250	Shd PI	Unit Bearing	TEAO	2116	29
4	1550	6W	0.6	0.750	1	0.250	Shd PI	Unit Bearing	TEAO	2117	29
4	1550	9W	0.8	0.750	1	0.250	Shd PI	Unit Bearing	TEAO	2118	29
4	1550	9W	0.8	0.750	1	0.250	Shd PI	Unit Bearing	TEAO	2108	29
4	1550	1/40	1.1	1.000	1	0.313	Shd PI	3.3 dia fan/blower	OAO	3803	30
4	1550	16W	1.1	1.250	1	0.250	Shd PI	Unit Bearing	TEAO	2111	29
4	1550	16W	1.1	1.250	1	0.250	Shd PI	Unit Bearing	TEAO	2112	29

208-230 Volts

Poles	RPM	HP	Amps	Iron Stack	Speed	Shaft	Type	Motor Type	Enclosure	Catalog Number	Page
4	1550	6W	0.3	0.750	1	0.250	Shd PI	Unit Bearing	TEAO	1226	29
4	1550	9W	0.4	0.750	1	0.250	Shd PI	Unit Bearing	TEAO	2109	29
4	1550	9W	0.4	0.750	1	0.250	Shd PI	Unit Bearing	TEAO	2110	29
4	1550	16W	0.6	1.250	1	0.250	Shd PI	Unit Bearing	TEAO	2113	29
4	1550	16W	0.6	1.250	1	0.250	Shd PI	Unit Bearing	TEAO	2114	29

277 Volts

Poles	RPM	HP	Amps	Iron Stack	Speed	Shaft	Type	Motor Type	Enclosure	Catalog Number	Page
4	1550	6W	0.2	0.790	1	0.250	Shd PI	Unit Bearing	TEAO	1227	29

Motor Selection Guide

5.0" Diameter

115 Volts

Poles	RPM	HP	Amps	Iron Stack	Speed	Shaft	Type	Motor Type	Enclosure	Catalog Number	Page
4	1550	1/8	1.8	0.750	3	0.500-DBL	PSC	Room A/C	OAO	3996	43
4	1550	1/6	2.3	1.000	2	0.500-DBL	PSC	Room A/C	OAO	1238	43
4	1625	1/10	1.2	1.250	3	0.500	PSC	Direct Drive Fan/Blower	OAO	8956	44
4	1550	1/10	5.2	1.500	1	0.500	Shd PI	Condenser Fan	ODPAO	721P	42
4	1550	1/6	5.4	1.500	1	0.500	Shd PI	Condenser Fan	ODPAO	722P	42
4	1550	1/10	3.8	1.750	3	0.500-DBL	Shd PI	Room A/C	OAO	2817	43
6	1075	1/30	0.5	0.750	3	0.500	PSC	Direct Drive Fan/Blower	OAO	1374	25, 45
6	1100	1/20	0.6	0.750	3	0.500	PSC	Direct Drive Fan/Blower	OAO	1676	26, 45
6	1100	1/15	0.8	1.000	3	0.500-DBL	PSC	Direct Drive Fan/Blower	OAO	1090	25, 45
6	1050	1/15	2.8	1.000	1	0.375	Shd PI	Direct Drive Fan/Blower	OAO	1334	43
6	1050	1/15	2.8	1.000	1	0.500	Shd PI	Direct Drive Fan/Blower	OAO	1335	43
6	1050	1/15	3.0	1.000	2	0.500	Shd PI	Direct Drive Fan/Blower	OAO	1333	43
6	1050	1/10	3.5	1.250	3	0.500	Shd PI	Direct Drive Fan/Blower	OAO	985	43
6	1050	1/15	2.6	1.500	1	0.500	Shd PI	Direct Drive Fan/Blower	OAO	1342	43
6	1050	1/10	4.8	1.500	2	0.500-DBL	Shd PI	Room A/C	OAO	2819	43
6	1050	1/10	3.7	1.500	1	0.500	Shd PI	Direct Drive Fan/Blower	OAO	1336	43
6	1050	1/6	5.2	1.500	1	0.500	Shd PI	Direct Drive Fan/Blower	OAO	2166	21, 43
6	1075	1/5	3.5	1.500	4	0.500	PSC	Direct Drive Fan/Blower	OAO	1268	44
6	1050	1/8	7.3	1.750	1	0.500	Shd PI	Direct Drive Fan/Blower	OAO	1337	43
6	1050	1/4	3.7	1.750	3	0.500	PSC	Direct Drive Fan/Blower	ODPAO	1390	15, 44
6	1050	1/10	4.8	1.750	4	0.500-DBL	Shd PI	Room A/C	OAO	2818	43
6	1050	1/10	4.8	1.750	5	0.500-DBL	Shd PI	Room A/C	OAO	2827	43
6	1050	1/5	7.1	2.000	1	0.500	Shd PI	Direct Drive Fan/Blower	OAO	1340	43
6	1050	1/5	7.3	2.000	3	0.500	Shd PI	Direct Drive Fan/Blower	OAO	1338P	43
6	1050	1/6	6.0	2.000	1	0.500	Shd PI	Direct Drive Fan/Blower	OAO	1127P	43
6	1050	1/4	8.9	2.00	1	0.500	Shd PI	Direct Drive Fan/Blower	OAO	1341	43

115/208-230 Volts

Poles	RPM	HP	Amps	Iron Stack	Speed	Shaft	Type	Motor Type	Enclosure	Catalog Number	Page
4	1550	11/5	2.8/1.4	0.750	1	0.375	Shd PI	GE 21 frame repl.	ODPAO	1469	42
4	1550	1/20	2.2/1.1	0.750	1	0.375	Shd PI	GE 21 frame repl.	ODPAO	1468P	42
4	1550	1/10	3.8/1.9	1.000	1	0.375	Shd PI	GE 21 frame repl.	ODPAO	1470P	42
6	1050	1/10	3.8/1.9	1.250	1	0.375	Shd PI	GE 21 frame repl.	ODPAO	1471	42

208-230 Volts

Poles	RPM	HP	Amps	Iron Stack	Speed	Shaft	Type	Motor Type	Enclosure	Catalog Number	Page
4	1550	1/8	1.1	0.750	1	0.500	PSC	Condenser Fan	TEAO	1176	13, 31
6	1050	1/5	3.9	2.000	3	0.500	Shd PI	Direct Drive Fan/Blower	OAO	1339	43

Motor Selection Guide

5.0" Diameter

230 Volts

Poles	RPM	HP	Amps	Iron Stack	Speed	Shaft	Type	Motor Type	Enclosure	Catalog Number	Page
4	1500	1/20	1.1	1.000	1	0.375	Shd PI	Condenser Fan	ODPAO	1775	24, 32
4	1500	1/15	1.9	1.250	1	0.375	Shd PI	Condenser Fan	ODPAO	1779	24, 32
4	1550	1/10	2.6	1.000	1	0.500	Shd PI	Condenser Fan	ODPAO	721P	42
4	1550	1/8	0.8	1.000	1	0.500	PSC	Condenser Fan	OAO	1675	26, 36
4	1625	1/4	1.4	1.000	1	0.500	PSC	Condenser Fan	ODP	3042	27, 32
4	1625	1/4	1.9	1.000	1	0.500	PSC	Condenser Fan	ODP	8330	25, 32
4	1550	1/20	1.3	1.500	1	0.500	Shd PI	Condenser Fan	OAO	1989	16, 31
4	1550	1/6	2.7	1.500	1	0.500	Shd PI	Condenser Fan	ODPAO	722P	42
4	1550	1/6	2.8	2.000	1	0.500	Shd PI	Condenser Fan	OAO	1527	16, 31
4	1550	1/4	3.4	2.000	3	0.500 - DBL	Shd PI	Room A/C	OAO	1221P	43
6	1075	1/6	1.0	1.250	1	0.500	PSC	Condenser Fan	TEAO	1901	18, 31
6	1075	1/20	0.5	1.250	3	0.500	PSC	Direct Drive Fan/Blower	OAO	3034	12, 45
6	1075	1/5	1.3	1.500	1	0.500	PSC	Room A/C	ODPAO	1124	28, 43
6	1050	1/10	2.0	1.500	2	0.500-DBL	Shd PI	Room A/C	OAO	2820	43
6	1050	1/4	1.5	1.750	3	0.500	PSC	Direct Drive Fan/Blower	ODPAO	1391	15, 44
6	1050	1/6	2.9	2.000	1	0.500	Shd PI	Direct Drive Fan/Blower	OAO	1631	43

277 Volts

Poles	RPM	HP	Amps	Iron Stack	Speed	Shaft	Type	Motor Type	Enclosure	Catalog Number	Page
8	850	1/6	0.5	1.500	3	0.500	PSC	Direct Drive Fan/Blower	OAO	1678	26, 45

380-420/460 Volts

Poles	RPM	HP	Amps	Iron Stack	Speed	Shaft	Type	Motor Type	Enclosure	Catalog Number	Page
4	1625	1/4	.95	1.000	1	0.5000	PSC	Condenser Fan	ODP	8331	32

Motor Selection Guide

5.6" Diameter

115 Volts

Poles	RPM	HP	Amps	Iron Stack	Speed	Shaft	Type	Motor Type	Enclosure	Catalog Number	Page
2	3450	1/7	2.0	0.750	1	0.500	Spl Phs	Oil Burner	TENV	5866	59
2	3450	1/8	2.4	0.750	1	0.500	Spl Phs	Oil Burner	TENV	1981	59
2	3450	1/8	2.4	0.750	1	0.500	Spl Phs	Oil Burner	TENV	2097	59
2	3450	1/7	2.4	1.000	1	0.500	Spl Phs	Oil Burner	TENV	3083	59
2	3450	1/5	3.2	1.000	1	0.500	Spl Phs	Oil Burner	TENV	2808	59
2	3450	1/3	4.8	1.500	1	0.500	Spl Phs	Oil Burner	TENV	2319	59
2	3450	1/2	8.6/4.3	1.500	1	0.500	CS/CR	Belted Fan/Blower	ODP	298	57
2	3450	1/4	3.7	2.000	1	0.500	Spl Phs	Oil Burner	TENV	2302	59
4	1725	11/2	2.9	0.750	1	0.500	Spl Phs	Hot Water Circ Pump	ODP	3640	91
4	1725	1/4	5.3	1.250	1	0.500	Spl Phs	Belted Fan/Blower	ODP	8000	54
4	1725	1/4	4.6	1.250	1	0.625	Spl Phs	Carbonator Pump	ODP	1004	90
4	1725	1/6	2.9	1.250	1	0.500	Spl Phs	Hot Water Circ Pump	ODP	3740	91
4	1725	1/6	3.1	1.250	1	0.500	Spl Phs	Oil Burner	TENV	3252	59
4	1725	1/6	3.5	1.250	1	0.500	Spl Phs	Hot Water Circ Pump	ODP	2777	91
4	1725	1/6	3.5	1.250	1	0.500	Spl Phs	Hot Water Circ Pump	ODP	2762	91
4	1725	1/8	2.7	1.250	1	0.500	Spl Phs	Hot Water Circ Pump	ODP	2736	91
4	1725	1/8	2.4	1.250	1	0.500	Spl Phs	Oil Burner	TENV	3196	59
4	1650	1/5	1.6	1.250	3	0.500 - DBL	PSC	Room A/C	TEAO	8681	27, 48
4	1625	1/4	2.7	1.250	3	0.500	PSC	Direct Drive Fan/Blower	OAO	1690	49
4	1725	1/3	6.7	1.500	1	0.500	Spl Phs	Belted Fan/Blower	ODP	8100	54
4	1725	1/3	6.0	1.500	1	0.625	Spl Phs	Carbonator Pump	ODP	1003	90
4	1725	1/4	4.4	1.500	1	0.500	Spl Phs	Belted Fan/Blower	ODP	840CV	54
4	1725	1/4	4.4	1.500	1	0.500	Spl Phs	Belted Fan/Blower	ODP	2889	54
4	1625	1/3	3.7	1.500	3	0.500	PSC	Direct Drive Fan/Blower	OAO	1692	49
4	1725	1/2	8.7	2.000	1	0.500	Spl Phs	Belted Fan/Blower	ODP	8200	54
4	1725	1/3	5.6	2.000	1	0.500	Spl Phs	Belted Fan/Blower	ODP	841CV	54
4	1725	1/3	5.4	2.000	1	0.500	Spl Phs	Belted Fan/Blower	ODP	2888	54
4	1725	1/2	7.8	2.250	1	0.500	Spl Phs	Belted Fan/Blower	ODP	1542C	54
4	1725	1/2	7.8	2.250	1	0.500	Spl Phs	Belted Fan/Blower	ODP	2887	54
4	1725	1/3	5.8	2.250	2	0.500	Spl Phs	Belted Fan/Blower	ODP	1786	54
4	1725	1/3	7.1	2.250	2	0.500	Spl Phs	General Purpose	ODP	3053	98
4	1625	1/2	5.5	2.250	3	0.500	PSC	Direct Drive Fan/Blower	OAO	1694	49
4	1625	3/4	8.6	2.500	3	0.500	PSC	Direct Drive Fan/Blower	OAO	1696	50
6	1075	1/6	2.6	1.000	1	0.500	PSC	Unit Heater Fan	TEAO	9034	53
6	1075	1/6	3.0	1.000	3	0.500 - DBL	PSC	Room A/C	ODPAO	1216	47
6	1075	1/8	1.8	1.000	3	0.500 - DBL	PSC	Room A/C	TEAO	8523	48
6	1075	1/6	2.4	1.250	2	0.500	PSC	Unit Heater Fan	TEAO	4856	53
6	1075	1/4	3.9	1.250	3	0.500	PSC	Direct Drive Fan/Blower	OAO	1863	49
6	1075	1/3	5.2	1.500	3	0.500	PSC	Direct Drive Fan/Blower	OAO	1864	49
6	1075	1/3	5.1	1.750	1	0.500	PSC	Unit Heater Fan	TEAO	9036	53
6	1075	1/4	3.6	1.750	1	0.500	PSC	Unit Heater Fan	TEAO	9035	53
6	1075	1/2	6.8	1.750	3	0.500	PSC	Direct Drive Fan/Blower	OAO	5451	22, 49
6	1075	1/3	7.0	1.750	3	0.500	PSC	Direct Drive Fan/Blower	OAO	591	49
6	1075	1/2	7.3	1.750	4	0.500	PSC	Direct Drive Fan/Blower	OAO	5460	9
6	1140	1/4	5.3	2.000	1	0.500	Cap St	General Purpose	ODP	3704	100

Motor Selection Guide

5.6" Diameter

115 Volts

Poles	RPM	HP	Amps	Iron Stack	Speed	Shaft	Type	Motor Type	Enclosure	Catalog Number	Page
6	1140	1/6	5.0	2.000	1	0.500	Cap St	General Purpose	ODP	3701	100
6	1075	1/3	5.3	2.000	4	0.500	PSC	Direct Drive Fan/Blower	OAO	1410	13, 49
6	1075	3/4	11.7	2.250	4	0.500	PSC	Direct Drive Fan/Blower	OAO	3340	15, 50
6	1075	1/2	8.9	2.500	3	0.500	PSC	Direct Drive Fan/Blower	OAO	1865	49
6	1075	3/4	9.1	2.500	3	0.500	PSC	Direct Drive Blower	OAO	8904	50
6	1075	3/4	10.6	2.750	4	0.500	PSC	Direct Drive Fan/Blower	OAO	5463	23, 51
6	1075	1	12.1	3.000	3	0.500	PSC	Direct Drive Fan/Blower	OAO	8906	50
6	900	3/4	11.9	3.500	4	0.500	PSC	Direct Drive Fan/Blower	OAO	1125	18, 51
8	825	1/3	4.5	1.750	1	0.500	PSC	Condenser Fan	ODPAO	2342	36
8	850	1/6	4.5	1.750	1	0.500	Cap St	General Purpose	ODP	3700	100
8	825	1/3	6.0	2.250	1	0.500	PSC	Condenser Fan	ODPAO	8042	37
8	850	1/4	5.9	3.000	1	0.500	Cap St	General Purpose	ODP	3703	100

115/208-230 Volts

Poles	RPM	HP	Amps	Iron Stack	Speed	Shaft	Type	Motor Type	Enclosure	Catalog Number	Page
2	3450	1/2	8.6/4.3	1.500	1	0.500	CS/CR	Belted Fan/Blower	ODP	298	57
2	3450	3/4	9.2	2.000	1	0.500	CS/CR	Belted Fan/Blower	ODP	430	57
2	3450	1	11.6/5.8	2.500	1	0.625	CS/CR	Belted Fan/Blower	ODP	431	57
4	1725	1/4	4.4/2.2	1.250	1	0.625	Spl Phs	Carbonator Pump	ODP	6001	90
4	1725	1/2	7.5/3.6	2.000	1	0.625	Spl Phs	Carbonator Pump	ODP	6078	90
4	1725	1/3	6.2/3.1	2.000	1	0.625	Spl Phs	Carbonator Pump	ODP	6079	90
4	1725	1/3	6.0/3.0	2.000	1	0.500	Cap St	Belted Fan/Blower	ODP	180	57
4	1725	1/2	7.8/3.9	2.250	1	0.500	Spl Phs	Belted Fan/Blower	ODP	2695	54
6	1140	1/3	6.6/3.3	2.750	1	0.625	Cap St	General Purpose	ODP	3706	100

200 Volts

Poles	RPM	HP	Amps	Iron Stack	Speed	Shaft	Type	Motor Type	Enclosure	Catalog Number	Page
6	1080	1	5.9	3.000	1	0.625	PSC	Condenser Fan	ODPAP	8068	21, 36

Motor Selection Guide

5.6" Diameter

208-230 Volts

Poles	RPM	HP	Amps	Iron Stack	Speed	Shaft	Type	Motor Type	Enclosure	Catalog Number	Page
4	1500	1/6	0.8	0.750	1	0.500	PSC	Condenser Fan	TEAO	3405	14, 33
4	1550	1/6	1.1	0.750	1	0.500	PSC	Condenser Fan	TEAO	6128	16, 32
4	1625	1/8	1.9	0.750	1	0.500	PSC	Condenser Fan	TEAO	1673	26, 33
4	1550	1/6	1.4	1.000	1	0.500	PSC	Condenser Fan	ODPAO	1645	18, 32
4	1625	1/4	1.4	1.000	1	0.500	PSC	Condenser Fan	ODPAO	1545	13, 36
4	1625	1/4	1.4	1.250	1	0.500	PSC	Condenser Fan	TEAO	1890	34
4	1625	1/3	1.9	1.250	1	0.500	PSC	Condenser Fan	TEAO	1891	34
4	1725	1/4	2.3	1.250	1	0.625	Spl Phs	Carbonator Pump	ODP	1004H	90
4	1625	1/4	1.6	1.250	3	0.500 - DBL	PSC	Room A/C	ODPAO	8725	48
4	1550	1/4	2.1	1.500	1	0.500	PSC	Condenser Fan	ODPAO	6124	16, 32
4	1625	1/4	1.5	1.500	1	0.500	PSC	Condenser Fan	TEAO	6129	16, 32
4	1725	1/2	2.7	1.500	1	0.500	PSC	Condenser Fan	ODP	644	17, 32
4	1625	1/3	2.1	1.500	3	0.500	PSC	Direct Drive Fan/Blower	OAO	1693	49
4	1625	1/3	2.2	1.500	3	0.500 - DBL	PSC	Room A/C	ODPAO	1887	47
4	1625	1/3	1.9	1.500	3	0.500 - DBL	PSC	Room A/C	ODPAO	8726	48
4	1625	1/3	1.8	1.750	1	0.500	PSC	Condenser Fan	ODPAO	4961	37
4	1625	1/3	2.9	1.750	1	0.500	PSC	Condenser Fan	ODPAO	7232	17, 32
4	1625	1/3	1.8	1.750	1	0.500	PSC	Condenser Fan	AO	4811	37
4	1625	1/3	2.4	1.750	1	0.500	PSC	Condenser Fan	TEAO	6127	16, 32
4	1625	1/2	3.0	2.000	1	0.500	PSC	Condenser Fan	TEAO	1892	34
4	1725	1/3	2.7	2.000	1	0.500	Spl Phs	Belted Fan/Blower	ODP	3623	54
4	1725	1/3	2.9	2.250	2	0.500	Spl Phs	Belted Fan/Blower	ODP	1789	54
4	1625	1/2	3.0	2.250	3	0.500	PSC	Direct Drive Fan/Blower	OAO	1695	50
4	1625	3/4	5.2	2.500	1	0.500 - DBL	PSC	Room A/C	ODPAO	8231	12, 46
4	1625	3/4	4.0	2.500	3	0.500	PSC	Direct Drive Fan/Blower	OAO	1697	50
6	1075	1/6	0.7	0.750	1	0.500	PSC	Condenser Fan	TEAO	5453	22, 33
6	1075	1/8	1.0	0.750	1	0.500	PSC	Condenser Fan	ODPAO	3484	22, 49
6	1100	1/10	0.8	0.750	1	0.500	PSC	Condenser Fan	TEAO	3402	14, 33
6	1100	1/12	0.6	0.750	1	0.500	PSC	Condenser Fan	TEAO	3401	14, 33
6	1200	1/12	0.6	0.750	2	0.500	PSC	Condenser Fan	TEAO	3033	12, 46
6	1050	1/15	0.5	0.875	1	0.500	PSC	Condenser Fan	TEAO	5459	23, 33
6	1075	1/4	1.7	1.000	1	0.500	PSC	Condenser Fan	ODPAO	3851	36
6	1075	1/4	1.6	1.000	1	0.500	PSC	Condenser Fan	ODPAO	8230	36
6	1075	1/5	1.3	1.000	1	0.500	PSC	Condenser Fan	TEAO	136	37
6	1075	1/5	1.3	1.000	1	0.500	PSC	Condenser Fan	TEAO	5450	22, 33
6	1075	1/5	1.7	1.000	1	0.500	PSC	Condenser Fan	TEAO	5454	33
6	1075	1/6	1.4	1.000	1	0.500	PSC	Condenser Fan	ODPAO	8053	19, 37
6	1075	1/6	1.3	1.000	1	0.500	PSC	Condenser Fan	ODPAO	5461	9
6	1075	1/6	1.0	1.000	1	0.500	PSC	Condenser Fan	TEAO	1859	33
6	1000	1/5	1.9	1.000	3	0.500 - DBL	PSC	Room A/C	TEAO	8682	27, 48
6	1075	1/5	1.4	1.000	3	0.500 - DBL	PSC	Room A/C	OAO	1152	17
6	1075	1/6	1.5	1.000	3	0.500 - DBL	PSC	Room A/C	ODPAO	1215	47
6	1075	1/6	1.5	1.000	3	0.500 - DBL	PSC	Room A/C	ODPAO	3133	48
6	1100	1/4	1.5	1.125	1	0.500	PSC	Condenser Fan	TEAO	3403	14, 33
6	1075	1/3	2.0	1.250	1	0.500	PSC	Condenser Fan	TEAO	5455	34

Motor Selection Guide

5.6" Diameter

208-230 Volts

Poles	RPM	HP	Amps	Iron Stack	Speed	Shaft	Type	Motor Type	Enclosure	Catalog Number	Page
6	1075	1/4	1.9	1.250	1	0.500	PSC	Condenser Fan	ODPAO	8054	20, 37
6	1075	1/4	1.7	1.250	1	0.500	PSC	Condenser Fan	TEAO	1876	33
6	1075	1/4	1.7	1.250	1	0.500	PSC	Condenser Fan	TEAO	1860	33
6	1100	1/4	1.7	1.250	1	0.500	PSC	Condenser Fan	TEAO	3404	14, 34
6	1075	1/4	1.9	1.250	3	0.500 - DBL	PSC	Room A/C	ODPAO	3134	48
6	1075	1/4	1.8	1.250	3	0.500	PSC	Direct Drive Fan/Blower	OAO	1971	49
6	1075	1/3	2.2	1.500	1	0.500	PSC	Condenser Fan	ODPAO	6880	36
6	1075	1/4	1.9	1.500	1	0.500	PSC	Condenser Fan	ODPAO	3846	37
6	1075	1/5	2.0	1.500	1	0.500	PSC	Condenser Fan	ODPAO	1648	18, 32
6	1075	1/3	2.8	1.500	2	0.500	PSC	Condenser Fan	ODPAO	3225	36
6	1075	1/4	1.9	1.500	2	0.500	PSC	Condenser Fan	ODPAO	8302	36
6	1075	1/4	1.9	1.500	2	0.500	PSC	Condenser Fan	TEAO	8669	33
6	1075	1/3	2.4	1.500	3	0.500	PSC	Direct Drive Fan/Blower	OAO	1972	49
6	1075	1/3	2.3	1.500	3	0.500 - DBL	PSC	Room A/C	TEAO	5108	28, 47
6	1100	1/2	2.0	1.625	3	0.500 - DBL	PSC	Room A/C	TEAO	8683	28, 48
6	1100	1/2	2.0	1.625	3	0.500 - DBL	PSC	Room A/C	TEAO	8683	28, 48
6	1075	1/3	2.1	1.750	1	0.500	PSC	Condenser Fan	TEAO	1877	34
6	1075	1/3	3.0	1.750	1	0.500	PSC	Condenser Fan	ODPAO	9993	21, 37
6	1075	1/3	2.1	1.750	1	0.500	PSC	Condenser Fan	TEAO	1861	34
6	1075	1/3	2.4	1.750	2	0.500	PSC	Unit Heater Fan	TEAO	4855	53
6	1075	1/3	2.5	1.750	3	0.500 - DBL	PSC	Room A/C	ODPAO	1213	47
6	1075	1/3	2.5	1.750	3	0.500 - DBL	PSC	Room A/C	ODPAO	3135	48
6	1075	1/3	1.9	1.750	3	0.500 - DBL	PSC	Room A/C	TEAO	8558	27
6	1075	1/2	3.2	1.750	4	0.500	PSC	Direct Drive Fan/Blower	OAO	5461	9
6	1075	1/2	3.1	2.000	1	0.500	PSC	Condenser Fan	ODPAO	3852	36
6	1075	1/2	2.4	2.000	1	0.500 - DBL	PSC	Room A/C	TEAO	2554	28, 47
6	1075	1/3	2.2	2.000	1	0.500	PSC	Condenser Fan	ODPAO	3847	37
6	1075	1/3	2.2	2.000	1	0.500	PSC	Condenser Fan	ODPAO	4960	37
6	1075	1/3	2.2	2.000	2	0.500	PSC	Condenser Fan	ODPAO	8301	36
6	1075	1/3	2.2	2.000	2	0.500	PSC	Condenser Fan	TEAO	8670	34
6	1075	1/2	4.6	2.000	3	0.500	PSC	Direct Drive Fan/Blower	OAO	1973	49
6	1075	1/2	2.9	2.250	1	0.500	PSC	Condenser Fan	TEAO	1878	34
6	1075	1/2	3.1	2.250	1	0.500	PSC	Condenser Fan	ODPAO	1444	36
6	1075	1/2	3.1	2.250	1	0.500	PSC	Condenser Fan	ODPAO	3848	37
6	1075	1/2	3.1	2.250	1	0.500	PSC	Condenser Fan	ODPAO	7025	37
6	1075	1/2	2.9	2.250	1	0.500	PSC	Condenser Fan	TEAO	1862	34
6	1075	1/2	4.5	2.250	3	0.500 - DBL	PSC	Room A/C	ODPAO	1824	47
6	1075	1/2	4.5	2.250	3	0.500 - DBL	PSC	Room A/C	ODPAO	3136	48
6	1075	1/2	4.5	2.250	3	0.500 - DBL	PSC	Room A/C	ODPAO	5824	47
6	1075	1/2	3.1	2.500	1	0.500	PSC	Condenser Fan	TEAO	3330	15, 34
6	1075	3/4	4.8	2.500	1	0.500	PSC	Condenser Fan	ODPAO	3097	36
6	1075	3/4	4.4	2.500	1	0.500	PSC	Condenser Fan	ODPAO	8665	36
6	1075	1/2	3.3	2.500	2	0.500	PSC	Comm Cond Fan	ODPAO	9393	36
6	1075	3/4	4.6	2.500	3	0.500	PSC	Direct Drive Blower	OAO	8905	50
6	1075	3/4	4.5	3.000	1	0.500	PSC	Condenser Fan	TEAO	1868	34

Motor Selection Guide

5.6" Diameter

208-230 Volts

Poles	RPM	HP	Amps	Iron Stack	Speed	Shaft	Type	Motor Type	Enclosure	Catalog Number	Page
6	1075	1/2	2.9	3.000	2	0.500	PSC	Condenser Fan	TEAO	8671	34
6	1075	3/4	4.7	3.000	2	0.500	PSC	Condenser Fan	TEAO	1879	34
6	1075	1	5.2	3.000	3	0.500	PSC	Direct Drive Fan/Blower	OAO	8907	50
6	1100	1	6.0	3.000	4	0.625	PSC	Direct Drive Fan/Blower	OAO	4670	18, 51
6	1075	1/2	3.8	3.500	1	0.500	PSC	Condenser Fan	TEAO	8868	38
6	1075	1	5.2	3.500	1	0.500	PSC	Condenser Fan	ODPAO	1888	36
8	825	1/10	1.0	1.000	1	0.500	PSC	Condenser Fan	TEAO	1871	33
8	825	1/8	1.2	1.000	1	0.500	PSC	Condenser Fan	TEAO	5456	23, 33
8	825	1/6	1.9	1.000	3	0.500	PSC	Direct Drive Fan/Blower	OAO	8052	19, 52
8	825	1/8	0.8	1.250	1	0.500	PSC	Condenser Fan	TEAO	1872	33
8	825	1/6	1.0	1.250	1	0.500	PSC	Condenser Fan	TEAO	1873	33
8	825	1/8	1.1	1.250	1	0.500	PSC	Condenser Fan	TEAO	9735	24, 33
8	825	1/5	1.1	1.375	1	0.500	PSC	Condenser Fan	TEAO	3400	14
8	825	1/6	1.2	1.375	1	0.500	PSC	Condenser Fan	TEAO	5457	23, 33
8	825	1/4	2.0	1.500	1	0.500	PSC	Condenser Fan	TEAO	1874	33
8	825	1/6	1.0	1.500	2	0.500	PSC	Condenser Fan	TEAO	8673	33
8	825	1/4	1.9	1.750	1	0.500	PSC	Condenser Fan	OAO	8666	36
8	825	1/4	1.7	1.750	1	0.500	PSC	Condenser Fan	TEAO	1674	26, 33
8	825	1/4	2.0	1.750	2	0.500	PSC	Condenser Fan	TEAO	8674	33
8	850	1/4	1.5	1.750	1	0.500	PSC	Condenser Fan	TEAO	1743	28, 33
8	840	1/4	1.4	1.750	1	0.500	PSC	Condenser Fan	TEAO	1123	18, 33
8	825	1/3	2.8	1.750	2	0.500	PSC	Direct Drive Fan/Blower	OAO	5469	24, 51
8	825	1/3	3.0	2.000	1	0.500	PSC	Direct Drive Fan/Blower	OAO	6873	51
8	825	1/3	2.0	2.250	1	0.500	PSC	Condenser Fan	OAO	8667	36
8	825	1/3	3.0	2.250	1	0.500	PSC	Condenser Fan	ODPAO	5345	37
8	825	1/3	2.6	2.250	1	0.500	PSC	Condenser Fan	ODPAO	7040	37
8	825	1/3	1.8	2.250	1	0.500	PSC	Condenser Fan	TEAO	1875	34
8	825	1/3	2.3	2.500	1	0.500	PSC	Condenser Fan	ODPAO	3849	37
8	825	1/3	2.0	2.500	2	0.500	PSC	Condenser Fan	TEAO	8675	34
8	825	1/2	3.9	2.750	2	0.500	PSC	Direct Drive Fan/Blower	OAO	3183	51
8	825	1/2	2.8	3.000	1	0.500	PSC	Condenser Fan	TEAO	1870	34
8	825	1/2	2.8	3.000	1	0.500	PSC	Condenser Fan	ODPAO	7041	37

Motor Selection Guide

5.6" Diameter

208-230/460 Volts

Poles	RPM	HP	Amps	Iron Stack	Speed	Shaft	Type	Motor Type	Enclosure	Catalog Number	Page
6	1075	1/4	2.0/1.0	1.750	1	0.500	PSC	Comm Cond Fan	TEAO	6838	38
6	1075	1/3	2.4/1.2	2.000	1	0.500	PSC	Comm Cond Fan	TEAO	6727	38
6	1075	1/2	2.8/1.4	2.500	1	0.500	PSC	Comm Cond Fan	TEAO	7475	38
6	1075	1/2	3.2/1.6	2.500	1	0.500	PSC	Condenser Fan	TEAO	2201	38
6	1140	1	3.5/1.7	2.750	1	0.500	3 Phs	Comm Cond Fan	OPDAO	1326	17, 39
6	1075	3/4	4.6/2.3	3.000	1	0.500	PSC	Condenser Fan	TEAO	2202	38
6	1075	3/4	5.0/2.5	3.000	1	0.500	PSC	Comm Cond Fan	TEAO	6603	38
6	1075	3/4	5.0/2.5	3.000	1	0.500	PSC	Comm Cond Fan	TEAO	5489	38

277 Volts

Poles	RPM	HP	Amps	Iron Stack	Speed	Shaft	Type	Motor Type	Enclosure	Catalog Number	Page
6	970	1/5	0.8	1.500	3	0.500	PSC	Direct Drive Fan/Blower	OAO	1680	27, 46
6	1075	1/4	2.0	1.500	3	0.500	PSC	Direct Drive Fan/Blower	OAO	600	49
6	1075	1/3	2.2	1.750	3	0.500	PSC	Direct Drive Fan/Blower	OAO	601	49
6	1075	1/2	3.4	2.000	3	0.500	PSC	Direct Drive Fan/Blower	OAO	602	49
8	810	1/10	0.6	1.250	3	0.500	PSC	Direct Drive Fan/Blower	OAO	1679	26, 46

265-277 Volts

Poles	RPM	HP	Amps	Iron Stack	Speed	Shaft	Type	Motor Type	Enclosure	Catalog Number	Page
6	1075	1/5	1.2	1.000	3	0.500 - DBL	PSC	Room A/C	TEAO	3360	15, 46

460 Volts

Poles	RPM	HP	Amps	Iron Stack	Speed	Shaft	Type	Motor Type	Enclosure	Catalog Number	Page
6	1075	1/4	0.8	1.250	1	0.500	PSC	Condenser Fan	TEAO	3736	33
6	1075	1/3	1.3	2.000	1	0.500	PSC	Condenser Fan	TEAO	3737	34
6	1050	1/2	1.1	2.500	1	0.500	PSC	Condenser Fan	TEAO	3320	34
6	1075	1/2	1.5	2.500	1	0.500	PSC	Condenser Fan	TEAO	3738	34
6	1075	3/4	2.0	3.000	1	0.500	PSC	Condenser Fan	TEAO	3742	34
6	1100	1	3.3	3.000	1	0.500	PSC	Direct Drive Fan/Blower	OAO	2553	28, 51
6	1075	1/2	1.5	3.500	1	0.500	PSC	Condenser Fan	TEAO	8869	38
8	825	1/4	1.0	1.750	1	0.500	PSC	Condenser Fan	TEAO	1880	33
8	825	1/3	1.0	2.250	1	0.500	PSC	Condenser Fan	TEAO	1881	34
8	825	1/2	1.6	2.250	1	0.500	PSC	Condenser Fan	TEAO	1882	34

380/460 Volts

Poles	RPM	HP	Amps	Iron Stack	Speed	Shaft	Type	Motor Type	Enclosure	Catalog Number	Page
4	1600	1/3	1.0	1.750	1	0.500	3 Phs	Comm Cond Fan	OPDAO	2387	25

Motor Selection Guide

6.3" Diameter

115 Volts

Poles	RPM	HP	Amps	Iron Stack	Speed	Shaft	Type	Motor Type	Enclosure	Catalog Number	Page
4	1725	1/3	5.6	1.000	1	0.500	Spl Phs	Evap Cooler	ODP	6764	58
4	1725	1/6	3.4	1.000	1	0.500	Spl Phs	Oil Burner	TENV	3251	59
4	1725	1/2	8.2	1.125	1	0.500	Spl Phs	Evap Cooler	ODP	6768	58
4	1725	1/3	5.8	1.125	1	0.500	Spl Phs	Belted Fan/Blower	ODP	4253	55
4	1725	1/3	6.0	1.125	1	0.500	Spl Phs	Evap Cooler	ODP	7094	58
4	1725	1/4	5.0	1.125	1	0.500	Spl Phs	Direct Drive Fan/Blower	TEAO	6326	61
4	1725	1/4	5.0	1.250	1	0.500	Spl Phs	Belted Fan/Blower	ODP	3863	56
4	1725	1/2	7.9	1.375	1	0.500	Spl Phs	Evap Cooler	ODP	7095	58
4	1725	1/3	6.4	1.375	2	0.500	Spl Phs	Evap Cooler	ODP	7097	58
4	1725	1/3	5.4	1.500	1	0.500	Spl Phs	Direct Drive Fan/Blower	TEAO	6328	61
4	1725	1/3	6.0	1.500	1	0.500	Spl Phs	General Purpose	ODP	2876	97
4	1725	1/3	6.0	1.500	1	0.500	Spl Phs	General Purpose	ODP	2911	99
4	1725	1/4	4.4	1.500	1	0.500	Spl Phs	Belted Fan/Blower	ODP	1194	56
4	1725	1/2	8.2	1.500	2	0.500	Spl Phs	Evap Cooler	ODP	7098	58
4	1725	1/2	8.2	1.500	2	0.500	Spl Phs	Evap Cooler	ODP	6765	58
4	1725	1/3	6.4	1.500	2	0.500	Spl Phs	Evap Cooler	ODP	6767	58
4	1725	1/2	8.0	1.625	1	0.625	Spl Phs	Belted Fan/Blower	ODP	4114	55
4	1725	1/2	8.6	1.625	1	0.625	Spl Phs	General Purpose	ODP	6737	97
4	1725	3/4	10.5	1.625	1	0.500	Spl Phs	Evap Cooler	ODP	6769	58
4	1725	1/3	5.3	1.750	1	0.500	Spl Phs	Belted Fan/Blower	ODP	3864	56
4	1725	3/4	11.0	1.750	1	0.500	Spl Phs	Evap Cooler	ODP	7096	58
4	1725	1/2	9.2	1.750	2	0.625	Spl Phs	Belted Fan/Blower	ODP	4293	55
4	1725	1/2	8.6	1.750	2	0.625	Spl Phs	General Purpose	ODP	3306	98
4	1725	1/4	5.1	1.750	2	0.500	Spl Phs	Belted Fan/Blower	ODP	5792C	55
4	1725	3/4	10.9	1.750	2	0.500	Spl Phs	Evap Cooler	ODP	7099	58
4	1725	3/4	10.9	1.750	2	0.500	Spl Phs	Evap Cooler	ODP	6770	58
4	1725	1/2	7.4	2.000	1	0.625	Spl Phs	Direct Drive Fan/Blower	TEAO	6330	61
4	1725	1/3	5.4	2.000	1	0.500	Spl Phs	Belted Fan/Blower	ODP	1193	56
4	1725	3/4	11.2	2.000	1	0.625	Spl Phs	Belted Fan/Blower	ODP	3958	55
4	1725	1/2	8.7	2.000	2	0.500	Spl Phs	Belted Fan/Blower	ODP	5794C	55
4	1725	1/2	7.8	2.250	1	0.500	Spl Phs	Belted Fan/Blower	ODP	3865	56
4	1725	1/3	6.4	2.250	2	0.500	Spl Phs	Belted Fan/Blower	ODP	5793C	55
4	1725	3/4	11.5	2.250	2	0.625	Spl Phs	Belted Fan/Blower	ODP	5795C	55
4	1725	1/3	5.0	2.750	1	0.500	Spl Phs	Oil Burner	TENV	3580	59
4	1725	1	13.6	3.000	2	0.625	Cap St	Evap Cooler	ODP	2574	58
8	825	1/8	4.6	2.000	1	0.625	Spl Phs	Direct Drive Fan/Blower	ODP	1205	62
8	850	11/2	3.2	2.000	1	0.625	Spl Phs	Direct Drive Fan/Blower	ODP	1204	62
8	850	1/6	4.7	2.250	1	0.625	Spl Phs	Direct Drive Fan/Blower	ODP	1206	62
8	825	1/4	6.9	2.750	1	0.625	Spl Phs	Direct Drive Fan/Blower	ODP	1207	62
8	850	1/3	9.0	3.500	1	0.625	Spl Phs	Direct Drive Fan/Blower	ODP	1208	62

Motor Selection Guide

6.3" Diameter

115/230 Volts

Poles	RPM	HP	Amps	Iron Stack	Speed	Shaft	Type	Motor Type	Enclosure	Catalog Number	Page
4	1725	1/3	6.0/3.0	1.250	1	0.625	Cap St	General Purpose	TEFC	1950	106
4	1725	1/3	6.0/3.0	1.250	1	0.625	Cap St	General Purpose	TEFC	4005	106
4	1725	1/2	7.4/3.7	1.500	1	0.625	Cap St	Belted Fan/Blower	ODP	1790	57
4	1725	1/2	7.5	1.500	1	0.625	Cap St	General Purpose	ODP	1661	100
4	1725	1/3	6.8	1.500	1	0.625	Cap St	General Purpose	ODP	1659	100
4	1725	1/2	8.0/4.0	1.625	1	0.625	Spl Phs	Belted Fan/Blower	ODP	4114	55
4	1725	1/2	8.0/4.0	1.625	1	0.625	Cap St	General Purpose	TEFC	T12C2J	106
4	1725	1/2	9.0/4.5	1.625	1	0.625	Cap St	General Purpose	ODP	8752	102
4	1725	1/2	9.0/4.5	1.625	1	0.625	Cap St	General Purpose	ODP	8758	102
4	1725	1/3	6.2/3.1	2.000	1	0.625	Cap St	General Purpose	ODP	2547	100
4	1725	3/4	11.4/5.7	2.000	1	0.625	Cap St	Belted Fan/Blower	ODP	1893	57
4	1725	3/4	11.2/5.6	2.000	1	0.625	Spl Phs	Belted Fan/Blower	ODP	4115	55
4	1725	3/4	11.6/5.8	2.000	1	0.625	Cap St	General Purpose	ODP	3753	101
4	1725	3/4	11.6	2.000	1	0.625	Cap St	General Purpose	ODP	1660	101
4	1725	1/2	7.8/3.9	2.250	1	0.500	Spl Phs	Belted Fan/Blower	ODP	3022	56
4	1725	3/4	11.2/5.6	2.250	1	0.625	Cap St	General Purpose	ODP	4454	103
4	1725	1	14.0/7.0	2.750	1	0.625	CS/CR	Belted Fan/Blower	ODP	1769	57
4	1725	1	14.4/7.2	2.750	1	0.625	Spl Phs	Evap Cooler	ODP	5149	58
4	1725	1	16.4/8.2	2.750	1	0.625	Cap St	General Purpose	ODP	3754	101
6	1140	1/2	11.0/5.5	2.750	1	0.625	Cap St	General Purpose	ODP	3709	100
6	1140	3/4	13.4/6.7	4.000	1	0.625	Cap St	General Purpose	ODP	3711	101
8	850	1/3	8.0/4.0	3.000	1	0.625	Cap St	General Purpose	ODP	3705	100
8	850	1/2	8.6/4.3	4.500	1	0.625	CS/CR	General Purpose	ODP	3708	101

115/208-230 Volts

Poles	RPM	HP	Amps	Iron Stack	Speed	Shaft	Type	Motor Type	Enclosure	Catalog Number	Page
2	3450	1 1/2	17.0/8.5	2.375	1	0.625	Cap St	Belted Fan/Blower	ODP	299	57
4	1725	1	14.8	2.750	1	0.625	Cap St	General Purpose	ODP	4241	101
4	1725	1	13.6/6.8	2.750	1	0.625	Cap St	General Purpose	ODP	8753	103
4	1725	1	13.6/6.8	2.750	1	0.625	Cap St	General Purpose	ODP	4328	103
4	1725	1/2	14.0	2.750	1	0.625	Cap St	Belted Fan/Blower	ODP	3187C	57
4	1725	1 1/2	22.4/11.2	3.500	1	0.625	Cap St	Belted Fan/Blower	ODP	4242	57, 101
4	1725	1	14.4/7.2	3.750	1	0.625	Cap St	General Purpose	TEFC	3985	107
4	1725	1	14.4/7.2	3.750	1	0.625	Cap St	General Purpose	TEFC	3963	107

277 Volts

Poles	RPM	HP	Amps	Iron Stack	Speed	Shaft	Type	Motor Type	Enclosure	Catalog Number	Page
6	1140	1/3	1.5	1.750	1	0.500	3 Phs	Comm Cond Fan	TEAO	4088	39

208-230 Volts

Poles	RPM	HP	Amps	Iron Stack	Speed	Shaft	Type	Motor Type	Enclosure	Catalog Number	Page
6	1075	3/4	3.8	2.250	1	0.625	PSC	Comm Cond Fan	ODPAO	3566	38
6	1075	3/4	4.0	2.750	1	0.625	PSC	Room A/C	OAO	2328	17, 46
8	825	1/2	3.6	2.500	1	0.625	PSC	Comm Cond Fan	ODPAO	3568	38
8	825	3/4	5.3	3.750	1	0.625	PSC	Comm Cond Fan	ODPAO	3567	38

Motor Selection Guide

6.3" Diameter

208-230/460 Volts

Poles	RPM	HP	Amps	Iron Stack	Speed	Shaft	Type	Motor Type	Enclosure	Catalog Number	Page
4	1725	1/2	4.5	1.500	2	0.500	Spl Phs	Evap Cooler	ODP	6795	58
4	1725	1/2	4.8	1.750	1	0.500	Spl Phs	Evap Cooler	ODP	6766	58
4	1725	3/4	5.4	1.750	1	0.500	Spl Phs	Evap Cooler	ODP	6771	58
4	1725	1/2	4.6	1.750	2	0.625	Spl Phs	Belted Fan/Blower	ODP	4293H	55
4	1725	3/4	5.5	1.750	2	0.500	Spl Phs	Evap Cooler	ODP	6796	58
4	1725	1	3.4/1.7	2.000	1	0.625	3 Phs	Belted Fan/Blower	ODP	1813	13, 41
4	1725	3/4	2.3/1.6	2.000	1	0.625	3 Phs	General Purpose	ODP	8750	110
4	1725	1 1/2	5.0/2.5	2.500	1	0.625	3 Phs	Belted Fan/Blower	ODP	1814	41
4	1725	1 1/2	5.0/2.5	2.500	1	0.875	3 Phs	Comm Blower	ODP	7913	19, 41
4	1725	2	6.6/3.3	2.750	1	0.625	3 Phs	Belted Fan/Blower	ODP	1815	41
4	1725	1	7.2	3.000	2	0.625	Cap St	Evap Cooler	ODP	2423	58
4	1725	2	7.6/3.9	3.000	1	0.875	3 Phs	Comm Blower	ODP	7914	19, 41
4	1725	2	6.3/3.1	3.500	1	0.875	3 Phs	Comm Blower	TEAO	8461	41
4	1725	3	9.2/4.6	3.500	1	0.875	3 Phs	Comm Blower	ODP	7915	19, 41
6	1075	1/2	2.5	2.000	2	0.500	PSC	Unit Heater Fan	TEAO	1810	53
6	1075	1	5.2	2.750	1	0.625	PSC	Comm Cond Fan	ODPAO	3565	38
6	1140	3/4	3.6/1.8	2.750	1	0.625	3 Phs	Comm Cond Fan	ODPAO	1817	39
6	1075	3/4	3.7	2.750	2	0.500	PSC	Unit Heater Fan	TEAO	1811	53
6	1075	1	5.8/2.7	3.000	1	0.500	PSC	Comm Cond Fan	ODPAO	8431	38
6	1140	1	4.8/2.4	3.250	1	0.625	3 Phs	Comm Cond Fan	ODPAO	1818	39
6	1140	1	4.8/2.4	3.250	1	0.625	3 Phs	Comm Cond Fan	ODPAO	1820	39
6	1075	1	5.1/2.6	3.500	1	0.625	PSC	Comm Cond Fan	TEAO	2686	38
6	1075	1	5.2/2.6	3.500	1	0.625	PSC	Condenser Fan	TEAO	2203	38
6	1140	1	6.0/3.0	3.500	1	0.625	3 Phs	Comm Cond Fan	ODPAO	1816	39
6	1075	1 1/2	7.6/3.8	4.000	1	0.625	PSC	Condenser Fan	TEAO	2204	38
6	1075	1 1/2	7.5/3.8	4.000	1	0.625	PSC	Comm Cond Fan	TEAO	2896	38
6	1140	1 1/2	7.1/3.6	4.250	1	0.625	3 Phs	Comm Cond Fan	ODPAO	1819	39
6	1140	1 1/2	7.2/3.6	4.250	1	0.625	3 Phs	Comm Cond Fan	ODPAO	1821	39
6	1140	2	7.8/3.9	4.500	1	0.625	3 Phs	Comm Cond Fan	ODPAO	8987	39
6	1140	2	7.8/3.9	4.500	1	0.625	3 Phs	Comm Cond Fan	ODPAO	1822	39
8	850	1	5.0/2.5	4.250	1	0.625	3 Phs	Comm Cond Fan	ODPAO	1828	39

380/460 Volts

Poles	RPM	HP	Amps	Iron Stack	Speed	Shaft	Type	Motor Type	Enclosure	Catalog Number	Page
8	850	1	5.0/2.5	4.250	1	0.625	3 Phs	Comm Cond Fan	ODPAO	1828	39

575 Volts

Poles	RPM	HP	Amps	Iron Stack	Speed	Shaft	Type	Motor Type	Enclosure	Catalog Number	Page
8	850	1	2.1	4.250	1	0.625	3 Phs	Comm Cond Fan	ODPAO	1829	39

Terms & Conditions of Sale

Emerson Motor Company, division of Emerson Electric Co. is herein referred to as the "Seller" and the customer or person or entity purchasing goods ("Goods") from Seller is referred to as the "Buyer." These Terms and Conditions, any price list or schedule, quotation, acknowledgment or invoice from Seller relevant to the sale of the Goods and all documents incorporated by specific reference herein or therein, constitute the complete and exclusive statement of the terms of the agreement governing the sale of Goods by Seller to Buyer. Seller's acceptance of Buyer's purchase order is expressly conditional on Buyer's assent to all of Seller's terms and conditions of sale, including terms and conditions that are different from or additional to the terms and conditions of Buyer's purchase order. Buyer's acceptance of or payment for the Goods will manifest Buyer's assent to these Terms and Conditions. Seller reserves the right in its sole discretion to refuse orders.

1. PRICES: Unless otherwise specified in writing by Seller, the price quoted or specified by Seller for the Goods shall remain in effect for thirty (30) days after the date of Seller's quotation or acknowledgment of Buyer's order for the Goods, whichever occurs first, provided an unconditional authorization from Buyer for the shipment of the Goods is received and accepted by Seller within such time period. If such authorization is not received by Seller within such thirty (30) day period, Seller shall have the right to change the price for the Goods to Seller's price for the Goods at the time of shipment. All prices are exclusive of taxes, transportation and insurance, which are to be borne by Buyer.

2. TAXES: Any current or future tax or governmental charge (or increase in same) affecting Seller's costs of production, sale, or delivery or shipment, or which Seller is otherwise required to pay or collect in connection with the sale, purchase, delivery, storage, processing, use or consumption of Goods, shall be for Buyer's account and shall be added to the price or billed to Buyer separately, at Seller's election.

3. TERMS OF PAYMENT: Unless otherwise specified by Seller, terms are net thirty (30) days from date of Seller's invoice in U.S. currency. Seller shall have the right, among other remedies, either to terminate this agreement or to suspend further performance under this and/or other agreements with Buyer in the event Buyer fails to make any payment when due, which other agreements Buyer and Seller hereby amend accordingly. Buyer shall be liable for all expenses, including attorneys' fees, relating to the collection of past due amounts. If any payment owed to Seller is not paid when due, it shall bear interest, at a rate to be determined by Seller, which shall not exceed the maximum rate permitted by law, from the date on which it is due until it is paid. Should Buyer's financial responsibility become unsatisfactory to Seller, cash payments or security satisfactory to Seller may be required by Seller for future deliveries and for the Goods theretofore delivered. If such cash payment or security is not provided, in addition to Seller's other rights and remedies, Seller may discontinue deliveries.

4. SHIPMENT AND DELIVERY: While Seller will use all reasonable commercial efforts to maintain the delivery date(s) acknowledged or quoted by Seller, all shipping dates are approximate and not guaranteed. Seller reserves the right to make partial shipments. Seller, at its option, shall not be bound to tender delivery of any Goods for which Buyer has not provided shipping instructions and other required information. If the shipment of the Goods is postponed or delayed by Buyer for any reason, Buyer agrees to reimburse Seller for any and all storage costs and other additional expenses resulting therefrom. Risk of loss and legal title to the Goods shall transfer to Buyer for sales in which the end destination of the Goods is outside of the United States immediately after the Goods have passed beyond the territorial limits of the United States. For all other shipments, risk of loss for damage and responsibility shall pass from Seller to Buyer upon delivery to and receipt by carrier at Seller's shipping point. All shipments are F.O.B. Seller's shipping point. Any claims for shortages or damages suffered in transit are the responsibility of Buyer and shall be submitted by Buyer directly to the carrier. Shortages or damages must be identified and signed for at the time of delivery.

5. LIMITED WARRANTY: Subject to the limitations of Section 6, Seller warrants that the Goods manufactured by Seller will be free from defects in material and workmanship and meet Seller's published specifications at the time of shipment under normal use and regular service and maintenance for a period of one year from the date of shipment of the Goods by Seller, unless otherwise specified by Seller in writing. Products purchased by Seller from a third party for resale to Buyer ("Resale Products") shall carry only the warranty extended by the original manufacturer. THE WARRANTY SET FORTH IN THIS SECTION 5 AND THE WARRANTY SET FORTH IN SECTION 7, ARE THE SOLE AND EXCLUSIVE WARRANTIES GIVEN BY SELLER WITH RESPECT TO THE GOODS AND ARE IN LIEU OF AND EXCLUDE ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, ARISING BY OPERATION OF LAW OR OTHERWISE, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE WHETHER OR NOT THE PURPOSE OR USE HAS BEEN DISCLOSED TO SELLER IN SPECIFICATIONS, DRAWINGS OR OTHERWISE, AND WHETHER OR NOT SELLER'S PRODUCTS ARE SPECIFICALLY DESIGNED AND/OR MANUFACTURED BY SELLER FOR BUYER'S USE OR PURPOSE.

This warranty does not extend to any losses or damages due to misuse, accident, abuse, neglect, normal wear and tear, negligence (other than Seller's), unauthorized modification or alteration, use beyond rated capacity, unsuitable power sources or environmental conditions, improper installation, repair, handling, maintenance or application or any other cause not the fault of Seller. To the extent that Buyer or its agents has supplied specifications, information, representation of operating conditions or other data to Seller in the selection or design of the Goods and the preparation of Seller's quotation, and in the event that actual operating conditions or other conditions differ from those represented by Buyer, any warranties or other provisions contained herein which are affected by such conditions shall be null and void.

If within thirty (30) days after Buyer's discovery of any warranty defects within the warranty period, Buyer notifies Seller thereof in writing, Seller shall, at its option and as Buyer's exclusive remedy, repair, correct or replace F.O.B. point of manufacture, or refund the purchase price for, that portion of the Goods found by Seller to be defective. Failure by Buyer to give such written notice within the applicable time period shall be deemed an absolute and unconditional waiver of Buyer's claim for such defects. Goods repaired or replaced during the warranty period shall be covered by the foregoing warranty for the remainder of the original warranty period or ninety (90) days from the date of shipment, whichever is longer.

Buyer assumes all other responsibility for any loss, damage, or injury to persons or property arising out of, connected with, or resulting from the use of Goods, either alone or in combination with other products/components.

Section 5 applies to any entity or person who may buy, acquire or use the Goods, including any entity or person who obtains the Goods from Buyer, and shall be bound by the limitations therein, including Section 6. Buyer agrees to provide such subsequent transferee conspicuous, written notice of the provisions of Sections 5 and 6.

6. LIMITATION OF REMEDY AND LIABILITY: THE SOLE AND EXCLUSIVE REMEDY FOR BREACH OF ANY WARRANTY HEREUNDER (OTHER THAN THE WARRANTY PROVIDED UNDER SECTION 7) SHALL BE LIMITED TO REPAIR, CORRECTION OR REPLACEMENT, OR REFUND OF THE PURCHASE PRICE UNDER SECTION 5.

SELLER SHALL NOT BE LIABLE FOR DAMAGES CAUSED BY DELAY IN PERFORMANCE AND THE REMEDIES OF BUYER SET FORTH IN THIS AGREEMENT ARE EXCLUSIVE. IN NO EVENT, REGARDLESS OF THE FORM OF THE CLAIM OR CAUSE OF ACTION (WHETHER BASED IN CONTRACT, INFRINGEMENT, NEGLIGENCE, STRICT LIABILITY, OTHER TORT OR OTHERWISE), SHALL SELLER'S LIABILITY TO BUYER AND/OR ITS CUSTOMERS EXCEED THE PRICE PAID BY BUYER FOR THE SPECIFIC GOODS PROVIDED BY SELLER GIVING RISE TO THE CLAIM OR CAUSE OF ACTION. BUYER AGREES THAT IN NO EVENT SHALL SELLER'S LIABILITY TO BUYER AND/OR ITS CUSTOMERS EXTEND TO INCLUDE INCIDENTAL, CONSEQUENTIAL OR PUNITIVE DAMAGES. The term "consequential damages" shall include, but not be limited to, loss of anticipated profits, business interruption, loss of use, revenue, reputation and data, costs incurred, including without limitation, for capital, fuel, power and loss or damage to property or equipment.

It is expressly understood that any technical advice furnished by Seller with respect to the use of the Goods is given without charge, and Seller assumes no obligation or liability for the advice given, or results obtained, all such advice being given and accepted at Buyer's risk.

To the extent that Seller has been provided by or on behalf of Buyer any specifications, description of operating conditions or other data and information in connection with the selection or design of the Goods and/or the provision of Services, and the actual operating conditions or other circumstances differ from those provided by Buyer and relied upon by Seller, any warranties or other provisions contained herein which are affected by such conditions shall be null and void.

7. PATENTS AND COPYRIGHTS: Subject to the limitations of the second paragraph of Section 6, Seller warrants that the Goods sold, except as are made specifically for Buyer according to Buyer's specifications, do not infringe any valid U.S. patent or copyright in existence as of the date of shipment. This warranty is given upon the condition that Buyer promptly notify Seller of any claim or suit involving Buyer in which such infringement is alleged and cooperate fully with Seller and permit Seller to control completely the defense, settlement or compromise of any such allegation of infringement. Seller's warranty as to use patents only applies to infringement arising solely out of the inherent operation according to Seller's specifications and instructions (i) of such Goods, or (ii) of any combination of Goods acquired from Seller in a system designed by Seller. In the event such Goods are held to infringe such a U.S. patent or copyright in such suit, and the use of such Goods is enjoined, or in the case of a compromise or settlement by Seller, Seller shall have the right, at its option and expense, to procure for Buyer the right to continue using such Goods, or replace them with non-infringing Goods, or modify same to become non-infringing, or grant Buyer a credit for the depreciated value of such Goods and accept return of them. In the event of the foregoing, Seller may also, at its option, cancel the agreement as to future deliveries of such Goods, without liability.

8. EXCUSE OF PERFORMANCE: Seller shall not be liable for delays in performance or for non-performance due to acts of God; acts of Buyer; war; fire; flood; weather; sabotage; strikes or labor disputes; civil disturbances or riots; governmental requests, restrictions, allocations, laws, regulations, orders or actions; unavailability of or delays in transportation; default of suppliers; or unforeseen circumstances or any events or causes beyond Seller's reasonable control. Deliveries or other performance may be suspended for an appropriate period of time or canceled by Seller upon notice to Buyer in the event of any of the foregoing, but the balance of the agreement shall otherwise remain unaffected as a result of the foregoing.

If Seller determines that its ability to supply the total demand for the Goods, or to obtain material used directly or indirectly in the manufacture of the Goods, is hindered, limited or made impracticable due to causes set forth in the preceding paragraph, Seller may allocate its available supply of the Goods or such material (without obligation to acquire other supplies of any such Goods or material) among itself and its purchasers on such basis as Seller determines to be equitable without liability for any failure of performance which may result therefrom.

9. CANCELLATION: Buyer may cancel orders only upon reasonable advance written notice and upon payment to Seller of Seller's cancellation charges which include, among other things, all costs and expenses incurred, and, to cover commitments made, by the Seller and a reasonable profit thereon. Seller's determination of such termination charges shall be conclusive.

10. CHANGES: Buyer may request changes or additions to the Goods consistent with Seller's specifications and criteria. In the event such changes or additions are accepted by Seller, Seller may revise the price and dates of delivery.

Seller reserves the right to change designs and specifications for the Goods without prior notice to Buyer, except with respect to Goods being made-to-order for Buyer.

11. NUCLEAR/MEDICAL: GOODS AND SERVICES SOLD HEREUNDER ARE NOT FOR USE IN CONNECTION WITH ANY NUCLEAR, MEDICAL, LIFE-SUPPORT AND RELATED APPLICATIONS. Buyer accepts goods and services with the foregoing understanding, agrees to communicate the same in writing to any subsequent purchasers or users and to defend, indemnify and hold harmless Seller from any claims, losses, suits, judgments and damages, including incidental and consequential damages, arising from such use, whether the cause of action be based in tort, contract or otherwise, including allegations that the Seller's liability is based on negligence or strict liability. **12. ASSIGNMENT:** Buyer shall not assign its rights or delegate its duties hereunder or any interest herein without the prior written consent of Seller, and any such assignment, without such consent, shall be void.

13. QUANTITY: Buyer agrees to accept overruns of up to ten percent (10%) of the order on "made-to-order" goods, including parts. Any such additional items shall be priced at the price per item charged for the specific quantity ordered.

14. TOOLING: Tool, die, and pattern charges, if any, are in addition to the price of the Goods and are due and payable upon completion of the tooling. All such tools, dies and patterns shall be and remain the property of Seller. Charges for tools, dies, and patterns do not convey to Buyer, title, ownership interest in, or rights to possession or removal, or prevent their use by Seller for other purchasers, except as otherwise expressly provided by Seller and Buyer in writing with reference to this provision.

15. INSPECTION/TESTING: Buyer, at its option and expense, may inspect and observe the testing by Seller of the Goods for compliance with Seller's standard test procedures prior to shipment, which inspection and testing shall be conducted at Seller's plant at such reasonable time as is specified by Seller. Any rejection of the Goods must be made promptly by Buyer before shipment. Tests shall be deemed to be satisfactorily completed and the test fully met when the Goods meet Seller's criteria for such procedures.

16. DRAWINGS: Seller's prints and drawings (including without limitation, the underlying technology) furnished by Seller to Buyer in connection with this agreement are the property of Seller and Seller retains all rights, including without limitation, exclusive rights of use, licensing and sale. Possession of such prints or drawings does not convey to Buyer any rights or license, and Buyer shall return all copies (in whatever medium) of such prints or drawings to Seller immediately upon request therefore.

17. GENERAL PROVISIONS: These terms and conditions supersede all other communications, negotiations and prior oral or written statements regarding the subject matter of these terms and conditions. No change, modification, rescission, discharge, abandonment, or waiver of these terms and conditions shall be binding upon the Seller unless made in writing and signed on its behalf by a duly authorized representative of Seller. No conditions, usage of trade, course of dealing or performance, understanding or agreement purporting to modify, vary, explain, or supplement these terms and conditions shall be binding unless hereafter made in writing and signed by the party to be bound, and no modification or additional terms shall be applicable to this agreement by Seller's receipt, acknowledgment, or acceptance of purchase orders, shipping instruction forms, or other documentation containing terms at variance with or in addition to those set forth herein. Any such modifications or additional terms are specifically rejected and deemed a material alteration hereof. If this document shall be deemed an acceptance of a prior offer by Buyer, such acceptance is expressly conditional upon Buyer's assent to any additional or different terms set forth herein. No waiver by either party with respect to any breach or default or of any right or remedy, and no course of dealing, shall be deemed to constitute a continuing waiver of any other breach or default or of any other right or remedy, unless such waiver be expressed in writing and signed by the party to be bound. All typographical or clerical errors made by Seller in any quotation, acknowledgment or publication are subject to correction.

The validity, performance, and all other matters relating to the interpretation and effect of this agreement shall be governed by the law of the state of Missouri without regard to its conflicts of laws principles. Buyer and Seller agree that the proper venue for all actions arising in connection herewith shall be only in Missouri and the parties agree to submit to such jurisdiction. No action, regardless of form, arising out of transactions relating to this contract, may be brought by either party more than two (2) years after the cause of action has accrued. The U.N. Convention on Contracts for the International Sales of Goods shall not apply to this agreement.

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T1C2JH	\$356	107
T1C2P18Z	\$641	107
T1C3JH	\$695	107
T1CA1J	\$289	106
T1CA2J14	\$395	107
T1CA2J14CR	\$435	108
T1CA2JCR	\$392	108
T1CA2P9	\$325	105
T1CM1J	\$304	107
T1CM2J	\$371	107
T1CM2J14CR	\$450	108
T1CM2JCR	\$407	108
T1CM2PHZ	\$405	107
T1E2DHZ	\$304	121
T1E3DHZ	\$615	121
T1P1AHZ	\$209	124

Catalog Number	List	Page
T1P1M	\$213	124
T1S2MH	\$275	120
T1S3D	\$421	121
T2C1J14	\$432	107
T2C1JH	\$432	107
T2C2J14	\$539	107
T2C2J14CR	\$623	108
T2C2JCR	\$475	108
T2C2P18	\$526	107
T2C2P21Z	\$859	107
T2CA2J14	\$564	107
T2CA2J14CR	\$648	108
T2CA2JCR	\$500	108
T2CA2JH	\$564	107
T2CM1J14	\$472	107
T2CM1JH	\$472	107
T2CM2J14	\$579	107
T2CM2J14CR	\$663	108
T2CM2JCR	\$515	108
T2CM2JH	\$579	107
T2E1AHZ	\$435	121
T2E2AHZ	\$350	121
T2S1AH	\$400	121
T2S1G	\$400	121
T2S2MH	\$334	121
T3C2J14	\$330	107
T3C2J1H	\$330	107
T3C2CJ	\$407	107
T3C2CJ14	\$373	107
T3C2CJ14C	\$470	107
T3C2CJ14CR	\$465	108
T3C2CJCR	\$418	108
T3C2P18Z	\$696	107
T32CA2J14	\$398	107
T32CA2J14CR	\$490	108
T32CA2JCR	\$443	108
T32CA2JH	\$415	107
T32CM1JH	\$370	107
T32CM2J14CR	\$505	108
T32CM2JCR	\$458	108
T32CM2JH	\$418	107
T32S1AH	\$356	121
T32S2AH	\$309	63
T32S2MH	\$309	121
T32S3AH	\$483	121
T32V2BFC	\$487	136
T34C1J	\$222	106
T34C2J	\$329	106
T34C2JCR	\$339	108
T34C2ZCR	\$406	108
T34C3JH	\$599	106

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T34CA2J	\$335	106
T34CA2P9	\$289	105
T34CM1J	\$262	106
T34CM2J	\$344	106
T34CM2JCR	\$354	108
T34S1A	\$305	120
T34S1B4	\$277	120
T34S1G	\$305	120
T34S2A	\$333	120
T34S2B4	\$332	120
T34S2G	\$333	120
T34S3B14	\$414	120
T34S3MH	\$414	120
T3C1P18	\$648	107
T3C2P18	\$613	107
T3C2P21	\$1,292	107
T5C1K18	\$876	107
T5C2K21	\$732	107
T5C2K21Z	\$1,479	107
T7C1K21	\$1,150	107
T7C2K21	\$1,167	107
TN12S2B	\$292	120
TN13S1D4	\$217	120
TN13S2B	\$250	120
TN13S2B4	\$261	120
TN14S2D4	\$224	120
TN1S2MH	\$324	121
U10E1D	\$943	122
U10E1G	\$943	122
U10E2D	\$661	122
U10E2G	\$661	122
U10E2H	\$661	122
U10E3D	\$1,352	122
U10E3G	\$1,352	122
U10P1B	\$995	125
U10P1G	\$995	125
U10P2B	\$879	125
U10P2G	\$879	125
U10P3B	\$1,854	125
U10V1B	\$1,176	136
U10V2B	\$1,203	136
U10V3B	\$1,994	136
U12T2BCR	\$455	136
U13T2BCR	\$402	136
U15E1AF	\$1,198	122
U15E1D	\$1,418	122
U15E1G	\$1,418	122
U15E2D	\$1,102	123
U15E2G	\$1,102	123
U15E2H	\$1,102	122

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U15P1B	\$1,605	125
U15P1G	\$1,605	125
U15P2B	\$1,288	125
U15P2G	\$1,288	125
U15V1B	\$1,600	136
U15V2B	\$1,670	136
U1E1D	\$267	120
U1E1G	\$267	120
U1E2D	\$291	120
U1E2G	\$291	120
U1E3D	\$455	121
U1E3G	\$455	121
U1E4D	\$840	121
U1E4G	\$840	121
U1P2B	\$413	124
U1P2G	\$413	124
U1P3B	\$498	124
U1P3G	\$498	124
U1V2BC	\$450	136
U1V3BC	\$563	136
U20E1D	\$1,558	123
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U20E2D	\$1,332	123
U20E2G	\$1,332	123
U20E2H	\$1,332	123
U20P1B	\$1,763	125
U20P1G	\$1,763	125
U20P2B	\$1,561	125
U20P2G	\$1,561	125
U20V1B	\$1,914	136
U20V2B	\$1,922	136
U25E1D	\$1,982	123
U25E1DS	\$1,982	123
U25E1G	\$1,982	123
U25E1GS	\$1,982	123
U25E2D	\$1,649	123
U25E2G	\$1,649	123
U25E2H	\$1,649	123
U2E1D	\$435	121
U2E1G	\$435	121
U2E2D	\$313	121
U2E2G	\$313	121
U2E2H	\$313	121
U2E3D	\$565	121
U2E3G	\$565	121
U2P1B	\$532	124
U2P2B	\$446	124
U2P2G	\$446	124
U2P3B	\$588	124
U2P3G	\$588	124
U2V1BC	\$538	136

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U2V3BC	\$654	136
U30E2D	\$1,947	123
U30E2DS	\$1,947	123
U30E2G	\$1,947	123
U30E2GS	\$1,947	123
U32E1D	\$378	121
U32E1G	\$378	121
U32E2D	\$297	121
U32E2G	\$297	121
U32E3D	\$525	121
U32E3G	\$525	121
U32E4D	\$994	121
U32E4G	\$994	121
U32P1B	\$485	124
U32P1G	\$485	124
U32P2B	\$429	124
U32P2G	\$429	124
U32P3B	\$532	124
U32P3G	\$532	124
U32V1BC	\$463	136
U32V2BC	\$498	136
U32V3BC	\$589	136
U34T2BCR	\$502	136
U3E1AHZ	\$499	121
U3E1D	\$531	121
U3E1DF	\$479	121
U3E1G	\$531	121
U3E1GF	\$479	121
U3E2D	\$369	122
U3E2G	\$369	122
U3E2H	\$369	122
U3E3D	\$712	122
U3E3G	\$712	122
U3P1B	\$589	124
U3P1G	\$589	124
U3P2B	\$492	124
U3P2G	\$492	124
U3P3B	\$903	124
U3P3G	\$903	124
U3V1BC	\$621	136
U3V2BC	\$611	136
U3V3BC	\$863	136
U5E1D	\$611	122
U5E1G	\$611	122
U5E2D	\$425	122
U5E2G	\$425	122
U5E2H	\$425	122
U5E3D	\$857	122
U5E3G	\$857	122
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U5P2B	\$539	124
U5P2G	\$539	124
U5P3B	\$1,021	124
U5P3G	\$1,021	124
U5V1BC	\$769	136
U5V2BC	\$697	136
U5V3BC	\$1,268	136
U7E1A	\$900	122
U7E1D	\$900	122
U7E1G	\$900	122
U7E2D	\$543	122
U7E2G	\$543	122
U7E2H	\$543	122
U7E3D	\$1,215	122
U7E3G	\$1,215	122
U7P1B	\$982	124
U7P1G	\$982	124
U7P2B	\$779	124
U7P2G	\$779	124
U7P3B	\$1,623	124
U7P3G	\$1,623	124
U7V1B	\$997	136
U7V2B	\$997	136
U7V3B	\$1,697	136
UJ10P1BM	\$1,167	96
UJ10P1GM	\$1,167	96
UJ10P2BM	\$1,077	96
UJ10P2GM	\$1,077	96
UJ10S1AM	\$1,015	95
UJ10S1GM	\$1,015	95
UJ10S1HM	\$1,015	95
UJ10S2AM	\$937	95
UJ10S2GM	\$937	95
UJ10S2HM	\$937	95
UJ15P1BM	\$1,987	96
UJ15P1GM	\$1,987	96
UJ15P2BM	\$1,823	96
UJ15P2GM	\$1,823	96
UJ15S1AFM	\$1,143	95
UJ15S1AM	\$1,589	95
UJ15S1GFM	\$1,143	95
UJ15S1GM	\$1,589	95
UJ15S1HFM	\$1,143	95
UJ15S1HM	\$1,589	95
UJ15S2AM	\$1,403	95
UJ15S2GM	\$1,403	95
UJ15S2HM	\$1,403	95
UJ1P2BM	\$421	96
UJ1S2AM	\$366	94
UJ1S2HM	\$366	94

Catalog Number	List	Page
UJ20P1BM	\$2,533	96
UJ20P1GM	\$2,533	96
UJ20P2BM	\$2,097	96
UJ20P2GM	\$2,097	96
UJ20S1AM	\$2,026	95
UJ20S1GM	\$2,026	95
UJ20S1HM	\$2,026	95
UJ20S2AM	\$1,613	95
UJ20S2FM	\$1,613	95
UJ20S2GM	\$1,613	95
UJ25S1AFM	\$2,264	95
UJ25S1AM	\$2,773	95
UJ25S1GFM	\$2,264	95
UJ25S1HFM	\$2,026	95
UJ25S1HM	\$2,773	95
UJ25S2AM	\$2,318	95
UJ25S2GM	\$2,318	95
UJ25S2HM	\$2,318	95
UJ2P1GM	\$497	96
UJ2P2BM	\$458	96
UJ2S1AM	\$432	94
UJ2S1GM	\$432	94
UJ2S2AM	\$398	94
UJ2S2GM	\$398	94
UJ2S2HM	\$398	94
UJ30S1AM	\$2,887	95
UJ30S1GM	\$2,887	95
UJ30S1HM	\$2,887	95
UJ30S2AM	\$2,502	95
UJ30S2GM	\$2,502	95
UJ32P1BM	\$467	96
UJ32P2BM	\$445	96
UJ32S1AM	\$406	94
UJ32S1GM	\$406	94
UJ32S2AM	\$387	94
UJ32S2GM	\$387	94
UJ3P1BM	\$589	96
UJ3P2BM	\$571	96
UJ3P2GM	\$571	96
UJ3S1AFM	\$497	94
UJ3S1AM	\$497	94
UJ3S1GM	\$512	94
UJ3S1HM	\$512	94
UJ3S2AM	\$512	94
UJ3S2GM	\$497	94
UJ3S2HM	\$497	94
UJ5P1BM	\$747	96
UJ5P1GM	\$747	96
UJ5P2BM	\$692	96
UJ5P2GM	\$692	96
UJ5S1AM	\$649	94

Catalog Number	List	Page
UJ5S1GM	\$649	94
UJ5S1HM	\$649	94
UJ5S2AM	\$602	94
UJ5S2GM	\$602	94
UJ5S2HM	\$602	94
UJ7P1BM	\$977	96
UJ7P1GM	\$977	96
UJ7P2BM	\$917	96
UJ7P2GM	\$917	96
UJ7S1AM	\$850	94
UJ7S1BFM	\$728	94
UJ7S1GFM	\$728	94
UJ7S1GM	\$850	94
UJ7S1HFM	\$728	94
UJ7S1HM	\$850	94
UJ7S2AM	\$797	94
UJ7S2GM	\$797	94
UJ7S2HM	\$797	94
UN12V2BC	\$337	136
UN12V3BC	\$422	136
UN13V2BC	\$290	136
UN1V2BC	\$462	136
UN1V2BFC	\$435	136
UN34V2BC	\$396	136
UN34V3BC	\$497	136
WD13AA2PZ7	\$371	64
WD14AA2PZ7	\$400	64

For assistance in selecting a motor, photocopy this form, provide the necessary information, and fax to (317) 894-1830. It is your responsibility to confirm the acceptability of any suggested replacement. Call (866) 298-2482 for assistance.

NAME: _____ MOTOR MANUFACTURER: _____

COMPANY: _____ MOTOR MODEL NO.: _____

PHONE: _____ OEM NAME/PART NO.: _____

FAX: _____

1. MOTOR APPLICATION

- Air Moving: ___ Belt ___ Direct Drive
- General Purpose
- Other: _____

2. DIAMETER

- Frame Size/Inches: _____

3. ELECTRICAL

- RPM: _____
- Speeds (if multiple): _____
- Rotation (lead end): _____
___ CW ___ CCW ___ Reversible
- Horsepower: _____
- Volts: _____
- Amps: _____
- Frequency: ___ 50 ___ 60
- Thermal Protection:
___ Auto ___ Manual ___ None
- Service Factor: _____

4. MOTOR TYPE

- Single Phase
 - Shaded Pole
 - PSC
 - Split Phase
 - Capacitor Start
 - Capacitor Start and Run
- Three Phase

5. ENCLOSURE

- Open
- Open Drip-proof
- Totally Enclosed Air Over
- Totally Enclosed Fan Cooled
- Totally Enclosed Non-Ventilated
- Hazardous Location
- Other: _____

6. MOUNTING

- Belly Band
- Flange
- Rigid Base
- Resilient Base
- Lug Mount
- Other: _____

7. BEARINGS

- Ball
- Sleeve

8. SHAFT

- Single
- Double
- Diameter (if not NEMA): _____
- Length (if critical): _____

Possible Replacement or OEM Reference:

For assistance in selecting a motor, photocopy this form, provide the necessary information, and fax to (317) 894-1830. It is your responsibility to confirm the acceptability of any suggested replacement. Call (866) 298-2482 for assistance.

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- Belly Band
- Flange
- Rigid Base
- Resilient Base
- Lug Mount
- Other: _____

7. BEARINGS

- Ball
- Sleeve

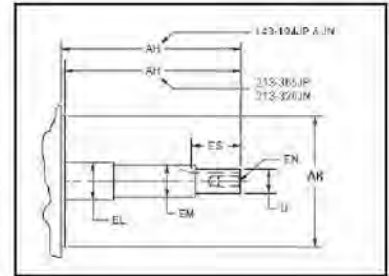
8. SHAFT

- Single
- Double
- Diameter (if not NEMA): _____
- Length (if critical): _____

Possible Replacement or OEM Reference:

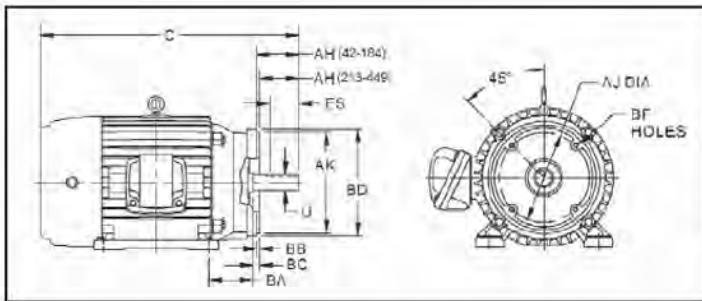
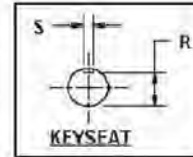
JP Shaft

Frame	AH	U	EM	EL	EN	AK	R	Keyseat ES Min.	S
143	7.313	0.8745	1.0000	1.156	38-16 x .75	4.500	0.771	1.65	0.188
145									
182	7.313	0.8745	1.0000	1.250	38-16 x .75	4.500	0.771	1.65	0.188
184									
213	8.125	1.2495	1.3750	1.750	38-16 x .75	8.500	1.112	1.65	0.250
215									
254	8.125	1.2495	1.3750	1.750	1/2-13 x 1.00	8.500	1.112	2.53	0.250
256									
284	8.125	1.2495	1.3750	1.750	1/2-13 x 1.00	12.500	1.112	2.53	0.250
286									
324	8.125	1.2495	1.3750	1.750	1/2-13 x 1.00	12.500	1.112	2.53	0.250
326									
364	8.125	1.6245	1.7500	2.125	1/2-13 x 1.00	12.500	1.416	2.53	0.375
365									



JM Shaft

Frame	AH	U	EM	EL	EN	AK	R	Keyseat ES Min.	S
143	4.250	0.8745	1.0000	1.156	38-16 x .75	4.500	0.771	1.65	0.188
145									
182	4.250	0.8745	1.0000	1.250	38-16 x .75	4.500	0.771	1.65	0.188
184									
213	4.250	0.8745	1.0000	1.250	38-16 x .75	8.500	0.771	1.65	0.188
215									
254	5.250	1.2495	1.3750	1.750	1/2-13 x 1.00	8.500	1.112	2.53	0.250
256									
284	5.250	1.2495	1.3750	1.750	1/2-13 x 1.00	12.500	1.112	2.53	0.250
286									
324	5.250	1.2495	1.3750	1.750	1/2-13 x 1.00	12.500	1.112	2.53	0.250
326									



Dimensions for
Type C-Face AC Motors,
Footed or Footless

Frame	AJ	AK	BA	BB Min.	BC	BD Max.	BF Hole			U	AH	R	Keyseat	
							Number	Tap Size	Bolt Penetration Allowance				ES Min.	S
42C	3.750	3.000	2.062	0.16	-0.19	5.00	4	1/4-20	—	0.375	1.312	0.328	—	flat
48C	3.750	3.000	2.50	0.16	-0.19	5.625	4	1/4-20	—	0.500	1.69	0.453	—	flat
56C	5.875	4.500	2.75	0.16	-0.19	6.50	4	3/8-16	—	0.625	2.06	0.515	1.41	0.188
143TC & 145TC	5.875	4.500	2.75	0.16	+0.12	6.50	4	3/8-16	0.56	0.875	2.12	0.771	1.41	0.188
182TC & 184TC	7.250	8.500	3.50	0.25	+0.12	9.00	4	1/2-13	0.75	1.125	2.62	0.986	1.78	0.250
182TCH & 184TCH	5.875	4.500	3.50	0.16	+0.12	6.50	4	3/8-16	0.56	1.125	2.62	0.986	1.78	0.250
213TC & 215TC	7.250	8.500	4.25	0.25	+0.25	9.00	4	1/2-13	0.75	1.375	3.12	1.201	2.41	0.312
254TC & 256TC	7.250	8.500	4.75	0.25	+0.25	10.00	4	1/2-13	0.75	1.625	3.75	1.416	2.91	0.375
284TC & 286TC	9.000	10.500	4.75	0.25	+0.25	11.25	4	1/2-13	0.75	1.875	4.38	1.591	3.28	0.500
284TSC & 286TSC	9.000	10.500	4.75	0.25	+0.25	11.25	4	1/2-13	0.75	1.625	3.00	1.416	1.91	0.375
324TC & 326TC	11.000	12.500	5.25	0.25	+0.25	14.00	4	5/8-11	0.94	2.125	5.00	1.845	3.91	0.500
324TSC & 326TSC	11.000	12.500	5.25	0.25	+0.25	14.00	4	5/8-11	0.94	1.875	3.50	1.591	2.03	0.500
364TC & 365TC	11.000	12.500	5.88	0.25	+0.25	14.00	4	5/8-11	0.94	2.375	5.62	2.021	4.28	0.625
364TSC & 365TSC	11.000	12.500	5.88	0.25	+0.25	14.00	8	5/8-11	0.94	1.875	3.50	1.591	2.03	0.500
404TC & 405TC	11.000	12.500	6.62	0.25	+0.25	15.50	8	5/8-11	0.94	2.875	7.00	2.450	5.65	0.750
404TSC & 405TSC	11.000	12.500	6.62	0.25	+0.25	15.50	8	5/8-11	0.94	2.125	4.00	1.845	2.78	0.500
444TC & 445TC	14.000	16.000	7.50	0.25	+0.25	18.00	8	5/8-11	0.94	3.375	8.25	2.880	6.91	0.875
444TSC & 445TSC	14.000	16.000	7.50	0.25	+0.25	18.00	8	5/8-11	0.94	2.375	4.50	2.021	3.03	0.625
447TC & 449TC	14.000	16.000	7.50	0.25	+0.25	18.00	8	5/8-11	0.94	3.375	8.25	2.880	6.91	0.875
447TSC & 449TSC	14.000	16.000	7.50	0.25	+0.25	18.00	8	5/8-11	0.94	2.375	4.50	2.021	3.03	0.625
5000 Frame Series	14.500	16.500	—	0.25	+0.25	18.00	4	5/8-11	0.94	—	—	—	—	—

Suggested retail \$12.

Members of the following:



Emerson Motor Company

8100 West Florissant Avenue
St. Louis, MO 63136

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URL: EmersonClimate.com

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