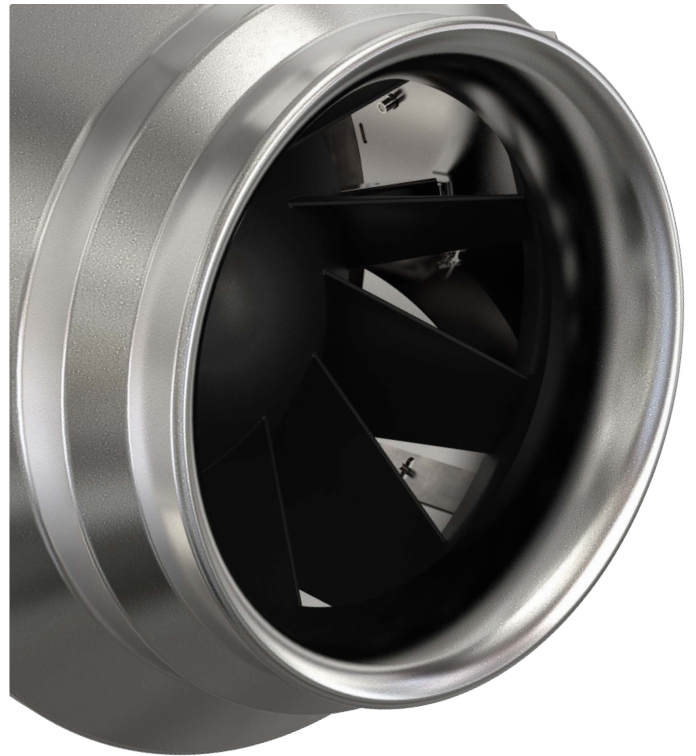


Product Catalog | Ventilation Solutions

Mexico and Central America | 2013



Bathroom Fans
Bathroom Grilles
Exterior Mount Bath Fans

4

Upblast Roof Exhaust Ventilators

- pre-assembled
- components (shells, drive packs, motors)

Filtered Supply Units

14

Wall Mount Cabinet Fans
Axial Fans
Propeller Exhaust Fans
Shutter Mounted Fans

30

Heat Recovery Ventilators
Energy Recovery Ventilators
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40

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Axial Exhaust Roof Ventilators

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Ceiling Exhaust Fans

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Bathroom Grilles and Lights
Controls and Timers
Duct accessories
Hood liners
Roof Caps
Grilles

104

Quality products, reliable service and leaders in innovation

As part of the Systemair family, Fantech pioneered the inline fan in the US, and we are still leading the way with our ventilation solutions for buildings both residential and commercial.

In the pages that follow, you will find our full line of products grouped by APPLICATION as well as the corresponding accessories available to complete numerous installation scenarios.

They say a picture is worth a thousand words, we couldn't agree more. The renderings inside our new catalog outline the highest quality ventilation solutions available for residential and commercial buildings using Fantech products.

Our first job is to make Fans – out of our customers who specify, purchase, install or enjoy our products.

“How can we make you a Fan today?”



Phil Rivas
Director of Sales
Fantech



4 Relax
Bathrooms

14 Cook
Kitchens

30 Grow
Greenhouses

40 Dwell
Apartments / Condos

64 Live
Single / Multi Family Houses

70 Work
Offices / Warehouses

90 Clean
Laundries

98 Wash
Commercial Restrooms

104 Complete
Accessories

**Don't let the
roar of a noisy
bath fan disturb
your peace and
quiet.**



A Bathroom

with a quiet bath fan

As the trend to larger spa-like bathrooms continues to gain in popularity, the need for proper ventilation becomes more important. Quick removal of moisture at the source will keep your beautiful bath free of mold and the effects of extreme moisture.

Fantech has developed its Premium Bath Fans so that one remote mounted fan motor can effectively ventilate several areas of the bath.

Ceiling Grilles with or without Lights can be easily positioned over showers, whirlpool tubs, steam showers, toilet and vanity.

1. PB 270F-2

Premium Bathroom Exhaust Fan with Dual Grilles and Fluorescent Lights

115V, 270 cfm, 72W at 0.2" Static Pressure, Duct diameter (inlet/outlet): 4" and 6" ducts. See page 9.

2. FD 60EM

Electronic Countdown Timer

115V, 20A

In-wall timer provides timed control of bathroom fans and appliances. Features four preset timers and 10-20-30-60 minute increments. Decorative, contemporary styling. See page 108.

3. FC 6

Mounting Clamps

Made from galvanized sheet steel and fitted with an 1/8" neoprene lining, which suppresses vibration and ensures a tight fit. Clips are clamped together by two screws. Clamps come in a pair. See page 112.

4. RC 6

Roof Cap

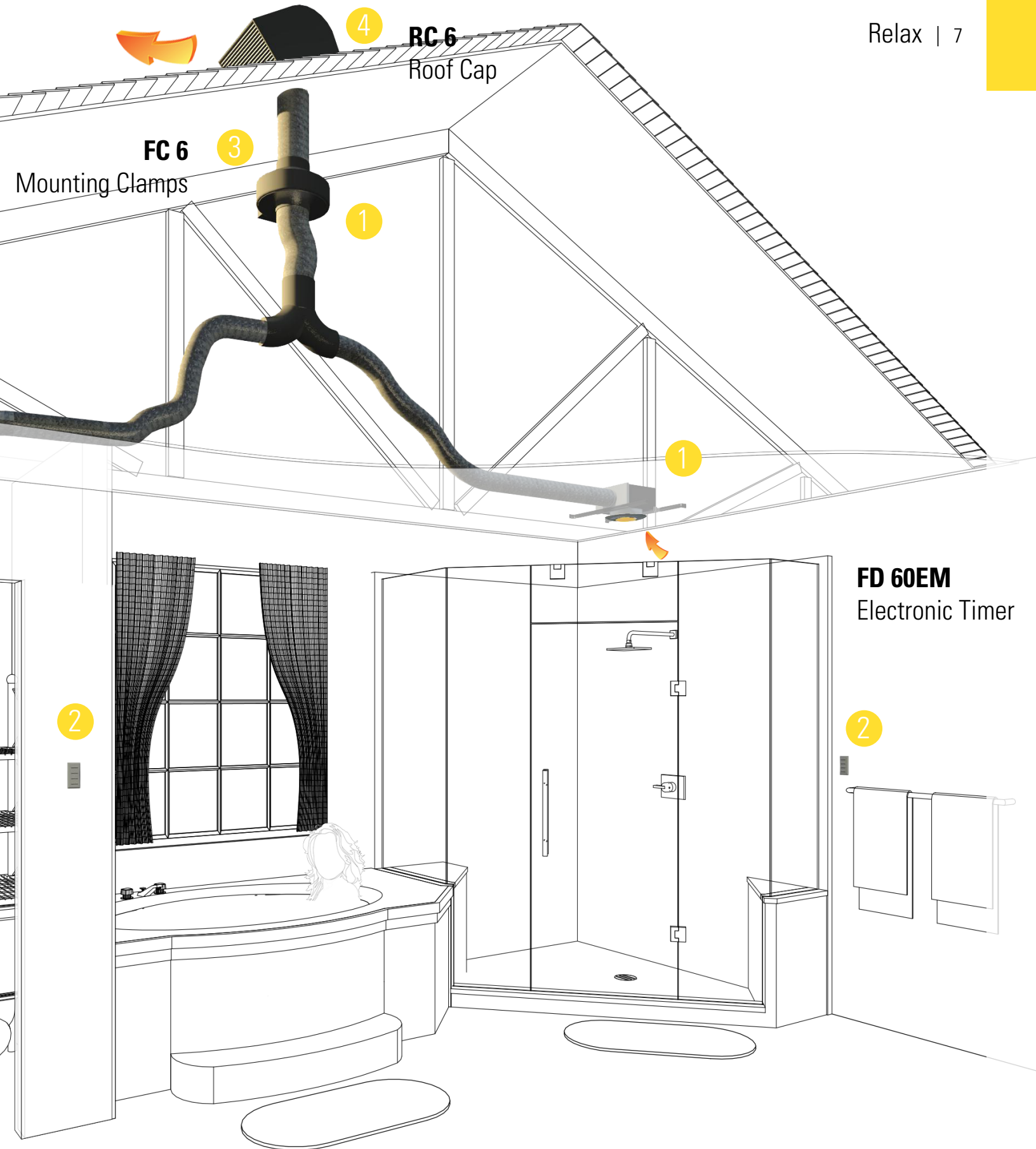
with damper flap closure, duct connection and screened exhaust opening. See page 111.



PB 270F-2

Premium Bathroom Exhaust Fan with Dual Grilles

1



4 RC 6
Roof Cap




3 FC 6
Mounting Clamps


FD 60EM
Electronic Timer

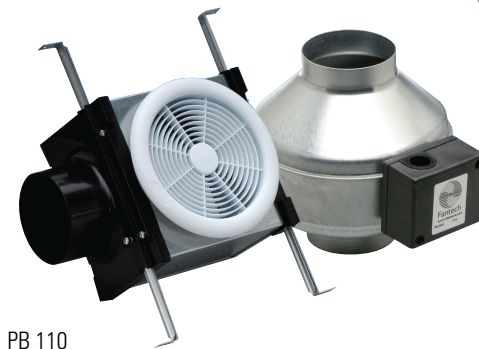
PB Series

Premium Bath Fans - Single Grilles

A small-scale grille mounts in the ceiling while the fan motor mounts in a remote location away from the living area. The result is a quiet yet powerful combination that is sure to protect your home from the damaging effects of moisture, steam and mold. PB fans are designed for intermittent or continuous operation to meet **ASHRAE Standard 62.2**.

- PB 110 Premium Bath Fan with one Ceiling Grille**
 110 CFM fan, one ceiling grille and grille housing with damper. Uses 4" duct. Energy Star® qualified.
 
- PB 110F Premium Bath Fan with Fluorescent Light**
 110 CFM fan, one ceiling grille with light, grille housing with damper, and 14-watt, instant-on, fluorescent bulb. Uses 4" duct. UL Listed for wet locations.
 
- PB 110H Premium Bath Fan with Dimmable Halogen Light**
 110 CFM fan, one ceiling grille with light, grille housing with damper, and 50-watt halogen bulb. Uses 4" duct. UL Listed for wet locations.
 

- PB 190 Premium Bath Fan**
 190 CFM fan, one ceiling grille and grille housing with damper. Uses 6" duct. Grille housing fits between 2 x 8 construction. Energy Star® qualified.
 



PB 110

Vent Only
Ceiling GrilleCeiling Grille
with Dimmable
Halogen LightCeiling Grille with
Compact Fluorescent
Light

PB 190

Specification data

Model	Duct size	Rated power @ 0.2" P _s	Voltage / phase	0.2" P _s	0.4" P _s	CFM per Watt @ 0.2" P _s	Energy Star Qualified	Lamp	Shipping weight	UPC #
	inch	W	V / ~	cfm					lbs	
PB 110	4	21	120 / 1	110	83	5.5	Yes	-	9	40568 7
PB 110F	4	20	120 / 1	110	83	5.5	-	14W Instant-On-Compact Fluorescent (PBB14)*	11	40569 4
PB 110H	4	20	120 / 1	110	83	5.5	-	50W Halogen (PBB50)	10	40570 0
PB 190	6	69	120 / 1	200	152	3.0	Yes	-	14	40571 7

* The Compact Fluorescent bulb used in Fantech Premium Bath Fans has a color temperature of 2700 Kelvin and CRI of 81. Average bulb life: 10,000 hours. Need replacement bulbs? Order PBB14 for Fluorescent Models; PBB50 for Halogen Models.

PB Series

Premium Bath Fans - Dual Grilles

The key to proper ventilation in baths is spot ventilation at the source.

Premium Bath fans can effectively ventilate several areas of the bath or two different bathrooms. Small 7" ceiling grilles (with or without lights) can be easily positioned directly over showers, whirlpool tubs, steam showers, toilet or vanity. The fan motor is installed away from the living area for super quiet operation. PB fans are designed for or continuous operation to meet **ASHRAE Standard 62.2**.

- PB 270-2 Premium Bath Fan with dual Ceiling Grilles**

270 CFM fan, two ceiling grilles, two grille housings with dampers and Y-adapter (4x4x6). Uses 4" and 6" duct.

Energy Star® qualified.



- PB 270F-2 Premium Bath Fan with dual Grilles and Fluorescent Light**

270 CFM fan, two ceiling grilles with lights, two grille housings with dampers, two 14-watt instant-on fluorescent bulbs and Y-adapter (4x4x6). Uses 4" and 6" duct. UL Listed for wet locations.



- PB 270H-2 Premium Bath Fan with dual Grilles and Dimmable Halogen Light**

270 CFM fan, two ceiling grilles with lights, two grille housings with dampers, two 50-watt halogen bulbs and Y-adapter (4x4x6). Uses 4" and 6" duct. UL Listed for wet locations.



- PB 370-2 Premium Bath Fan**

370 CFM fan, two ceiling grilles, two grille housings with dampers and Y-adapter (4x4x6). Uses 4" and 6" duct. UL Listed for wet locations.

Energy Star® qualified.



NO
sones



PB 270F-2



PB 370-2

Specification data

Model	Duct size	Rated power @ 0.2" P _s	Voltage / Phase	0.2" P _s	0.4" P _s	CFM per Watt @ 0.2" P _s	Energy Star Qualified	Lamp	Shipping weight	UPC #
	inch	W	V / ~	cfm					lbs	
PB 270-2	4/6	74	120 / 1	270	232	3.75	Yes	-	17	40572 4
PB 270F-2	4/6	72	120 / 1	270	232	3.75	-	14W Instant-On-Compact Fluorescent (PBB14)*	19	40573 1
PB 270H-2	4/6	72	120 / 1	270	198	3.75	-	50W Halogen (PBB50)	17	40574 8
PB 370-2	6	122	120 / 1	370	317	3.1	Yes	-	21	45433 3

* The Compact Fluorescent bulb used in Fantech Premium Bath Fans has a color temperature of 2700 Kelvin and CRI of 81. Average bulb life: 10,000 hours. Need replacement bulbs? Order PBB14 for Fluorescent Models; PBB50 for Halogen Models.

PB Series

Combination Premium Bath Fans - Dual Grilles

Premium Bath Combination Units. Combo units include one exhaust fan, one lit and one unlit ceiling grille. A single model number provides the exact bath fan components needed for a dual location exhaust system.

Want to add an additional exhaust location? Just choose an additional ceiling grille with or without a light to turn your one or two location bath fan into a powerful multipoint system.

PB fans are designed for intermittent or continuous operation to meet **ASHRAE Standard 62.2.**

- **PB 270FV-2 Premium Bath Fan with one Ceiling Grille and Fluorescent Light and one Vent-Only Ceiling Grille**
270 CFM fan, one ceiling grille with light, one vent-only ceiling grille, two grille housings with dampers, one 14 watt instant-on fluorescent bulb and Y adapter (4x4x6). Uses 4" and 6" duct.

UL Listed for wet locations.



- **PB 270HV-2 Premium Bath Fan with one Ceiling Grille with Dimmable Halogen Light and one Vent-Only Ceiling Grille**
270 CFM fan, one ceiling grille with light, one vent-only ceiling grille, two grille housings with dampers, one 50 watt halogen bulb and Y adapter (4x4x6). Uses 4" and 6" duct. UL Listed for wet locations.



PB 270FV-2



PB 270HV-2

Specification data

Duct size	Rated power @ 0.2" P _s	Voltage / phase	0.2" P _s	0.4" P _s	CFM per Watt @ 0.2" P _s	Energy Star qualified	Lamp	Shipping weight	UPC #
inch	W	V / ~	cfm					lbs	
4/6	72	120 / 1	270	232	3.75	-	14W Instant-On-Compact Fluorescent (PBB14)*	18	40575 5
4/6	72	120 / 1	270	232	3.75	-	50W Halogen (PBB50)	18	40576 2

* The Compact Fluorescent bulb used in Fantech Premium Bath Fans has a color temperature of 2700 Kelvin and CRI of 81. Average bulb life: 10,000 hours. Need replacement bulbs? Order PBB14 for Fluorescent Models; PBB50 for Halogen Models.

PBW Series

Exterior Mount Bath Fans

We have expanded our Premium Bath Fan selection to include a trio of models powered by exterior mounted wall fans. An excellent alternative when space is an issue or direct venting to the outside is required. Ideal for homes, condominiums and apartment complexes. Choose lit or unlit models.

- **PBW 110 Exterior Wall Mount Bath Fans**

120 CFM fan, one ceiling grille and grille housing with damper. Energy Star® qualified.



- **PBW 110F Exterior Wall Mount Bath Fans with Fluorescent Light**

120 CFM fan, one Ceiling Grille, one grille housing with damper and one 14-watt instant-on fluorescent bulb. UL Listed for wet locations.



- **PBW 110 Exterior Wall Mount Bath Fans with Dimmable Halogen Light**

120 CFM fan, one Ceiling Grille with Light, grille housing with damper and 50 watt halogen bulb. UL Listed for wet locations.



PBW 110H

See Bath Fan
Retrofit Kit
on page 106



Specification data

Model	Duct size	Rated power @ 0.2" P _s	Voltage / Phase	0.2" P _s	0.4" P _s	CFM per Watt @ 0.2" P _s	Energy Star® qualified	Lamp	Shipping weight	UPC #
	inch	W	V / ~	cfm					lbs	
PBW 110	4	19	120 / 1	120	83	6.3	Yes	-	12	46240 6
PBW 110H	4	19	120 / 1	120	83	6.3	-	14W Instant-On-Compact Fluorescent (PBB14)*	12	46242 0
PBW 110F	4	19	120 / 1	120	83	6.3	-	50W Halogen (PBB50)	12	46244 4

* The Compact Fluorescent bulb used in Fantech Premium Bath Fans has a color temperature of 2700 Kelvin and CRI of 81. Average bulb life: 10,000 hours. Need replacement bulbs? Order PBB14 for Fluorescent Models; PBB50 for Halogen Models.

Accessories



PBF / PBH / PBV
Expansion Grille
page 106



PBB
Replacement Bulbs
page 106



VT20
Auxiliary Control
page 108



FC
Mounting Clamp
page 112



RC
Roof Cap
page 111



RSK
Backdraft Damper
page 111



FY
Y-connection
page 112



FIDT
Insulated Flex Duct
page 111

FQ Series

Quiet Ventilating Fans



The FQ Series exhaust fans and fan lights provide remarkably quiet, energy efficient ventilation for baths, powder rooms and other areas. Super quiet with as low as < 0.3 sones sound rating. Air performances of 80 to 110 CFM.

Fans are designed for intermittent or continuous operation to meet **ASHRAE Standard 62.2**.

Unlit models are ENERGY STAR® qualified, Title 24 compliant and meet the Washington State Ventilation and Indoor Air Quality Code.

- Airflows of 80 to 110 cfm
- Low profile grille fastened with torsion springs
- Thermal overload protection
- Title 24 Compliant
- UL Listed for use over a tub/shower with a GFCI branch circuit wiring
- The Home Ventilating Institute has certified all models for sound and air performance.



Specification data

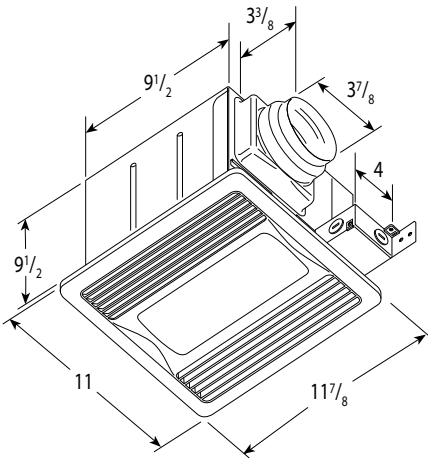
Model	Duct [†] size	Rated power	Voltage / phase	0.1" P _s	0.2" P _s	0.3" P _s	0.4" P _s	Lamp power (Main / Night)	Sones	Shipping weight	UPC #
	inch	W	V / ~	cfm				W CFL		lbs	
FQ 80	4	25	120 / 1	80	68	56	43	-	< 0.3	12	83737 2
FQ 80FL	4	25	120 / 1	80	73	60	47	26 / 4	0.4	14	83739 6
FQ 110	4	30	120 / 1	110	100	85	70	-	0.7	13	83738 9
FQ 110FL	4	30	120 / 1	110	100	85	70	26 / 4	1.3	14	83740 2

Performance shown is for installation type D - Ducted inlet, Ducted outlet. Performance is based on actual speed of test. Performance ratings do not include the effects of appurtenances in the airstream.

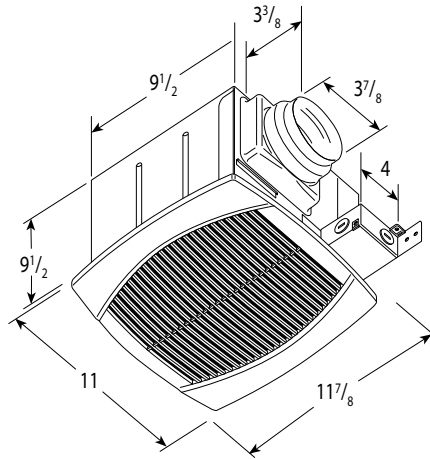
[†] Duct connections are 1/8" smaller than duct size.

Dimensions

FQ 80FL / FQ 110FL



FQ 80 / FQ 110



Dimensional information is in inches.

The FQ-FD radiation damper together with FQ fan will be a perfect combo that will win the multifamily orders for you. See page 115.



Accessories



FQ-FD
Radiation Damper
page 115



HS
Louvered Shutter
page 107



FD 60EM
Bathroom Timer
page 108



FLD 60
Bathroom Switch
page 108

Pots boiling..

Onions sautéing..

Turkey baking..

**We know a secret
to keep the
kitchen clear of
steam and odors.**



A kitchen

in a multistory residential building

Gone are the days when the exhaust fan on the roof ran continuously wasting energy and money pulling heated or cooled air from each residential unit. Current codes and standards require demand control ventilation where the fan only runs when one or more of the kitchen hoods operate.

The energy efficient Fantech 5DDUEC Upblast roof mount fans with their EC (Electronically Commutated) motors make Demand Control ventilation easy and cost efficient for the builder and building owner. The units can be controlled from any standard control pressure, thermostat etc; or B.M.S., that has a 0–10 VDC output.

Complete the package with the Fantech LD Silencer and RSK Back Draft Damper for a quiet efficient ventilation system.

1. 5DDUEC 13EN Upblast Roof Ventilator

120/208/240V, 2254 cfm, 608W, max $P_s=1.75"$

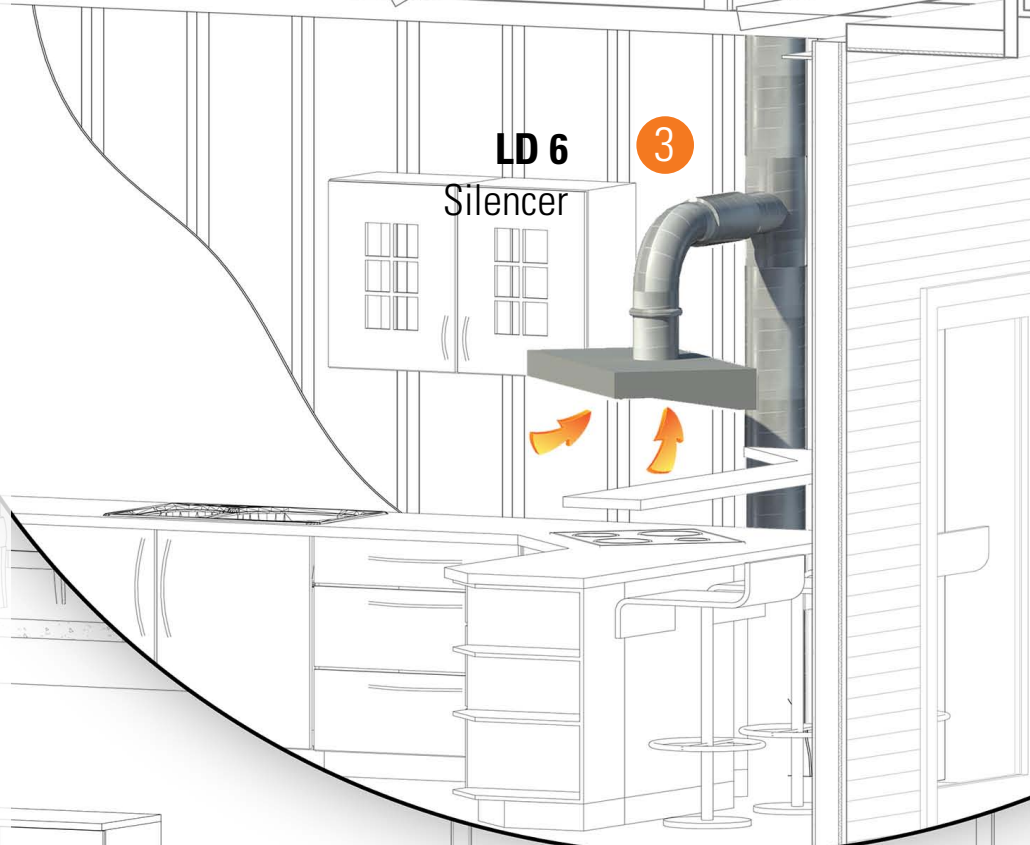
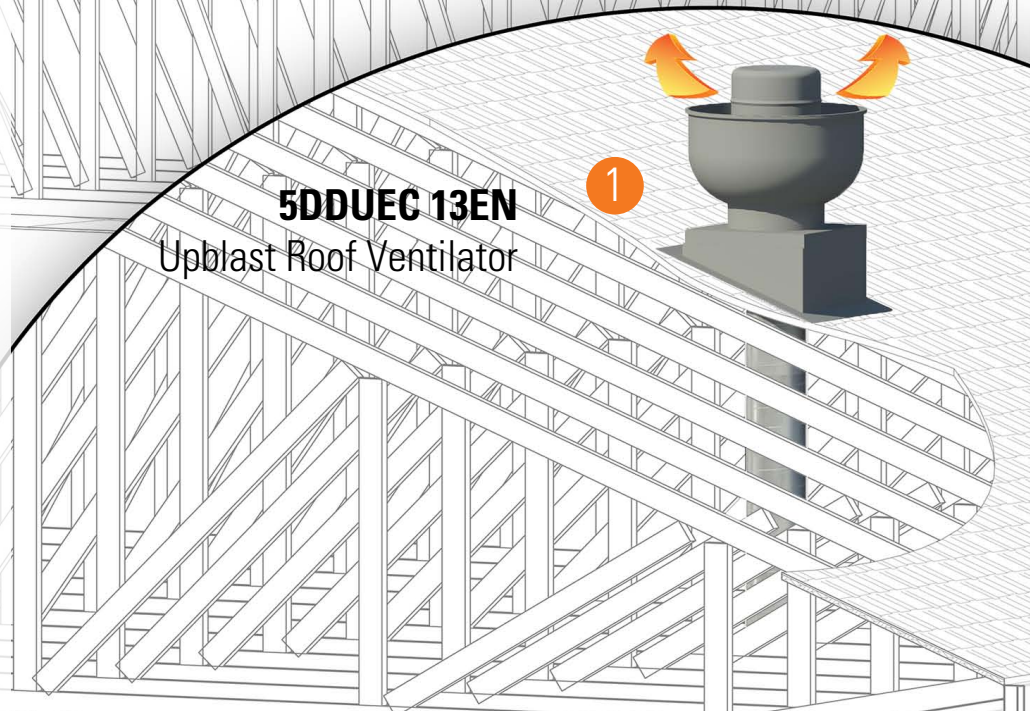
This upblast fan features energy saving EC motors, which are ideal for applications requiring demand control ventilation, such as kitchens. See page 18.

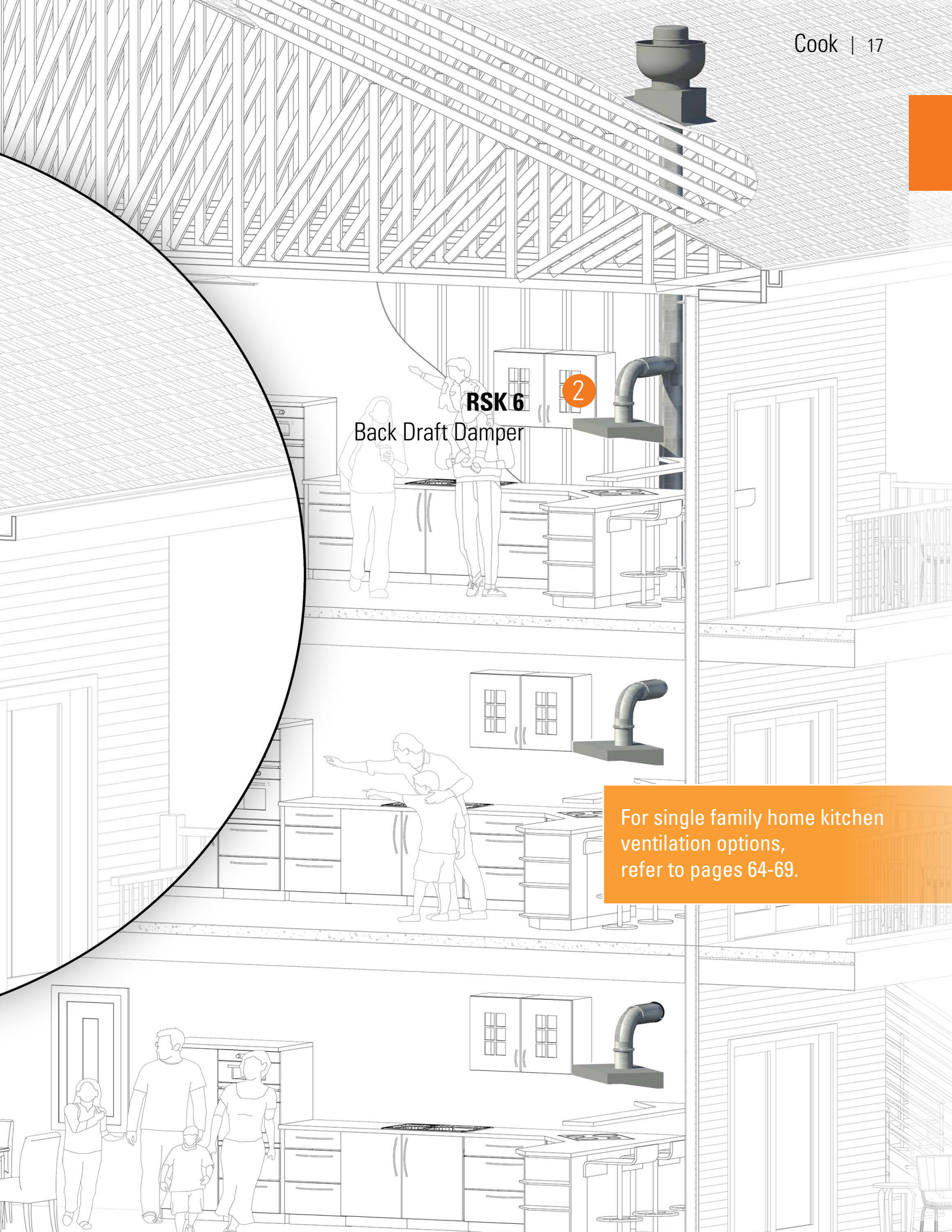
2. RSK 6 Back Draft Damper

Backdraft dampers with galvanized steel collar and lightweight aluminum damper blades. Spring loaded for positive closure. See page 111.

3. LD 6 Silencer

Galvanized steel silencer for use in kitchen range hood ventilation and other applications where noise is a concern. See page 111.





RSK 6
Back Draft Damper

2

For single family home kitchen ventilation options, refer to pages 64-69.

5DDU EC Series

Direct Drive Upblast Roof Ventilators



Fantech, Inc. certifies that the Direct-Drive Upblast Centrifugal Roof Ventilators shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Upblast ventilators are designed for continuous operation to exhaust foul air, smoke, fumes, odors and grease-laden vapors from range hoods and commercial cooking appliances. Ventilators are designed for installation in industrial, institutional and commercial kitchen applications. 5DDU-EC Series feature energy saving EC motors, which are ideal for applications requiring demand control ventilation, for example, apartment buildings, multi-purpose rooms with differing rates of ventilation, hi-rise buildings - single fan on riser exhausting multiple spaces or restaurant applications with grease laden air.

Factory preassembled with rpm speed control card with automation capability. Module can easily be mounted in optional NEMA 3R enclosure on the outside of the fan or inside the building.



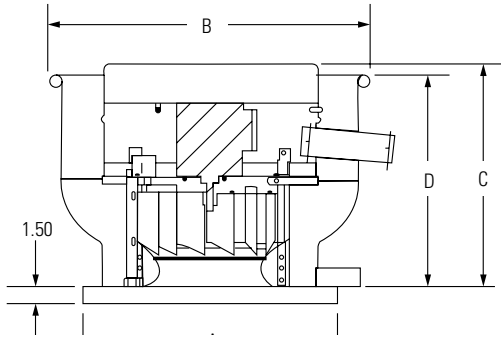
- All ventilators are UL 705 and UL 762 Standards listed
- Driven by EC Technology
- Inlet temperatures up to 300°F
- Soft start-software provides overload protection
- Runs at optimal load due to the integrated electronic controls
- Multiple controller options
- 2-10 VDC signal for manual control

Specification data

Model	Rated power	Voltage / phase	RPM	0.0" P _s	0.25" P _s	0.50" P _s	0.75" P _s	0.875" P _s	1.00" P _s	1.25" P _s	Sones @ 0.25"	Shipping weight	UPC #
	HP	V / ~	min ⁻¹	cfm Watts								lbs	
5DDUEC 10EN	3/4	120/208/240	2060	1186 239	1052 250	908 262	748 271	657 268	554 261	175 203	15.4	85	49821 4
5DDUEC 12EN	3/4	120/208/240	1835	1951 435	1846 465	1737 478	1625 482	1565 480	1495 477	1348 477	17.8	92	49822 1
5DDUEC 13EN	3/4	120/208/240	1685	2495 564	2376 586	2254 608	2112 623	2040 630	1955 632	1780 634	18.9	95	49823 8
5DDUEC 15FN2'	1	120/208/240	1755	3252 977	3087 973	2922 968	2742 962	2654 959	2563 956	2383 950	24	105	49824 5
5DDUEC 18FN'	1	120/208/240	1300	4840 1239	4570 1253	4292 1260	3983 1246	3828 1242	3670 1240	3350 1239	19.7	161	49826 9

Performance Certified is for Installation type A: free inlet, free outlet. Performance rating includes the effects of a bird screen. Speed (RPM) is nominal and performance is based on actual speed of test.
 *The Sound ratings shown are loudness values in fan sones at 5 ft. (1.5m) in a hemispherical free field calculated

Dimensions



Model	A	B	C	D
5DDUEC 10EN	19	23 ⁷ / ₈	18 ⁷ / ₈	17 ⁷ / ₈
5DDUEC 12EN	22	26 ⁵ / ₃₂	19 ⁵ / ₈	17 ³ / ₄
5DDUEC 13EN	22	27 ⁷ / ₈	20 ³ / ₄	18 ¹ / ₂
5DDUEC 15FN2	26	29 ⁷ / ₈	22	19 ³ / ₈
5DDUEC 18FN	30	34	24	21 ¹ / ₈

Dimensional information is in inches.

Accessories



5ACC..RD
Roof Mount Damper
page 115



5ACC..VC
Vented Curb
page 114



5ACC..MS
Motor disconnect
page 108

5DDU Series

Direct Drive Upblast Roof Ventilators



Fantech, Inc. certifies that the Direct-Drive Upblast Centrifugal Roof Ventilators shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Direct-drive upblast ventilators are designed for continuous operation to exhaust foul air, smoke, fumes, odors and grease-laden vapors from range hoods and commercial cooking appliances. Ventilators are designed for installation in industrial, institutional and commercial kitchen applications. All models are equipped with a backward inclined aluminum fan wheel and a speed controllable motor.

- All ventilators are listed UL 705 for electrical and UL 762 for restaurant exhaust except for 5DDU085AY
- Inlet temperatures up to 300°F
- Backward inclined aluminum fan wheel
- Externally cooled motor compartment
- Fully welded windband

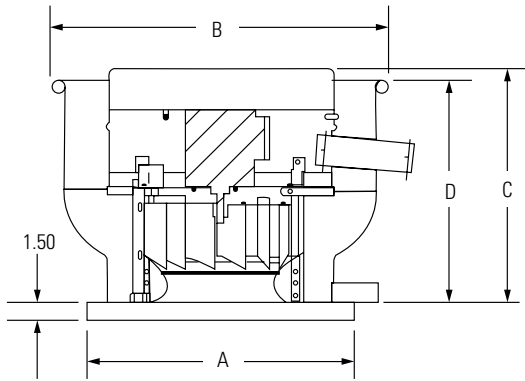


Specification data

Model	Rated power	Voltage / phase	RPM	0.0" P _s	0.125" P _s	0.25" P _s	0.375" P _s	0.50" P _s	0.625" P _s	0.75" P _s	1.00" P _s	Shipping weight lbs	UPC #
	HP	V / ~	min ⁻¹	cfm									
	Sones [†] BHP												
5DDU 085AY	1/25	120	1642	416	349	267	169	-	-	-	-	23	47333 4
				8.0 -	7.1 -	6.5 -	6.8 -	-	-	-	-		
5DDU 106A	1/20	120	1100	685	548	388	116	-	-	-	-	37	47334 1
				5.1 -	4.5 -	3.9 -	4.1 -	-	-	-	-		
5DDU 10AA	1/6	120	1725	1048	979	911	836	749	650	522	-	88	47335 8
				12.6 -	12.3 -	11.6 -	11.3 -	10.6 -	10.8 -	10.5 -	-		
5DDU 12CA	1/3	120	1557	1531	1469	1406	1340	1272	1193	1107	897	109	47337 2
				13.8 0.27	13.5 0.29	13.3 0.31	12.9 0.32	12.6 0.33	12.3 0.34	12.0 0.35	11.3 0.33		
5DDU 13DB	1/2	120/230	1690	2419	2352	2285	2218	2145	2072	1992	1829	117	47339 6
				20 0.54	20 0.55	19.5 0.56	19.0 0.58	18.6 0.59	18.2 0.60	17.9 0.62	17.4 0.63		
5DDU 15CA	1/3	120	1144	2174	2070	1963	1849	1714	1568	1375	-	130	47340 2
				13.5 0.27	13.0 0.28	12.5 0.30	12.0 0.31	11.4 0.32	10.8 0.32	10.0 0.32	-		
5DDU 16DB	1/2	120/230	1145	2859	2739	2619	2494	2369	2219	2063	1502	144	47342 6
				15.6 0.41	15.0 0.43	14.5 0.45	13.7 0.47	13.2 0.48	12.6 0.49	12.2 0.49	11.0 0.46		
5DDU 18EB	3/4	120/230	1111	3899	3787	3644	3495	3337	3181	3011	2616	159	47343 3
				21 0.73	21 0.75	20 0.78	19.8 0.80	18.9 0.81	18.0 0.83	17.3 0.84	16.9 0.85		

Performance certified is for installation type A: free inlet, free outlet. Performance rating includes the effects of bird screen. Speed (RPM) shown is nominal, and performance is based on actual speed of test.
[†] The sound ratings shown are loudness values in fan sones at 5 ft. (1.5m) in a hemispherical free field calculated per AMCA standard 301. Values shown are for installation type A, free inlet hemispherical sone levels.

Dimensions



Model	A	B	C	D
5DDU 085AY	19	20 1/2	12 1/8	10
5DDU 106A	19	23 7/8	18 7/8	16 7/8
5DDU 10AA	19	23 7/8	18 7/8	16 7/8
5DDU 12CA	22	26 1/8	19 5/8	17 3/4
5DDU 13DB	22	27 7/8	20 3/4	18 1/2
5DDU 15CA	26	29 7/8	22	19 3/8
5DDU 16DB	26	31 3/4	22 3/4	20 1/8
5DDU 18EB	30	34	24	21 1/8

Dimensional information is in inches.

See Downblast Roof Ventilators
on pages 82-86.

Accessories



5ACC..RD
Roof Mount Damper
page 115



5ACC..SC
Speed Control
page 108



5ACC..VC
Vented Curb
page 114



5ACC..MS
Motor disconnect
page 108

5BDU Series

Belt Drive Upblast Roof Ventilators



Fantech, Inc. certifies that the Belt-Drive Upblast Centrifugal Roof Ventilators shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Belt-drive upblast ventilators are designed for roof mounted exhaust of commercial and industrial buildings. These models are both for roof and wall application (except 5BDU30 and 5BDU36). Durable spun aluminum construction with steel support braces. Backward inclined aluminum fan wheel. Motor and wheel are easily detachable without removing ventilator from curb. Permanently lubricated ball bearings (5BDU10 - 5BDU13) and regreasable pillow block bearings (5BDU15 - 5BDU24).

- All ventilators are listed UL 705 for electrical and UL 762 for restaurant exhaust in USA only
- Models 5DBU10 - 5BDU24 are suitable for wall application
- Inlet temperatures up to 300°F
- Fully welded windband
- Externally cooled motor compartment



Specification data

Model	Rated power	Voltage	RPM	0.0" P _s	0.125" P _s	0.25" P _s	0.375" P _s	0.50" P _s	0.625" P _s	0.75" P _s	1.00" P _s	Shipping weight	UPC #
	HP	V	min ⁻¹	cfm								lbs	
	Sones [†] BHP [‡]												
5BDU 10BB-A	1/4	120/230	1819	1179	1138	1089	1037	981	922	855	679	110	47289 4
				15.1 0.22	14.7 0.23	14.3 0.23	13.5 0.24	13.1 0.24	12.8 0.25	12.0 0.25	10.6 0.24		
5BDU 12CB-A	1/3	120/230	1566	1530	1473	1417	1358	1290	1223	1142	961	120	47291 7
				13.1 0.28	13.1 0.29	12.7 0.30	12.7 0.31	12.3 0.31	11.7 0.32	11.0 0.32	10.3 0.32		
5BDU 13DB-A	1/2	120/230	1530	2188	2115	2042	1966	1888	1808	1723	1538	132	47292 4
				17.3 0.42	17.0 0.44	16.3 0.45	16.2 0.46	15.4 0.48	15.4 0.49	15.1 0.50	13.6 0.50		
5BDU 15EB-A	3/4	120/208-230	1489	2811	2735	2659	2582	2503	2414	2325	2123	150	47296 2
				18.1 0.66	17.9 0.67	17.8 0.69	17.7 0.70	17.1 0.72	16.9 0.73	16.5 0.74	15.7 0.74		
5BDU 15FB-A	1	120/208-230	1639	3094	3025	2956	2886	2817	2743	2662	2501	153	47298 6
				20 0.87	20 0.89	20 0.91	19.2 0.93	19.1 0.94	18.9 0.96	18.8 0.97	18.2 0.97		
5BDU 16FB-A	1	120/208-230	1400	3674	3576	3478	3388	3282	3175	3068	2844	154	47302 0
				21 0.91	21 0.92	21 0.94	19.8 0.95	19.6 0.97	19.6 0.98	18.6 0.99	17.4 1.02		
5BDU 18FX-A *	1	208-230/460	1169	3986	3873	3756	3640	3508	3368	3229	2914	201	47305 1
				17.6 0.82	17.3 0.84	17.5 0.86	17.1 0.88	16.9 0.90	16.3 0.92	16.2 0.93	15.4 0.94		
5BDU 18GB-A	1-1/2	120/208-230	1338	4563	4465	4363	4261	4159	4045	3923	3678	214	47306 8
				21 1.23	21 1.25	20 1.28	20 1.30	20 1.32	19.5 1.35	19.1 1.36	18.2 1.39		
5BDU 18HX-A (*)	2	208-230/460	1473	5023	4935	4842	4750	4657	4564	4459	4238	210	47308 2
				25 1.64	24 1.67	24 1.70	23 1.72	23 1.75	22 1.77	22 1.79	21 1.83		
5BDU 20GB-A	1-1/2	120/208-230	1155	5367	5227	5086	4947	4797	4640	4483	4136	216	47309 9
				22 1.31	21 1.34	21 1.38	21 1.41	20 1.43	19.8 1.46	19.2 1.47	18.4 1.50		

Performance certified for installation type A: free inlet, free outlet. Performance rating includes the effect of bird screen.

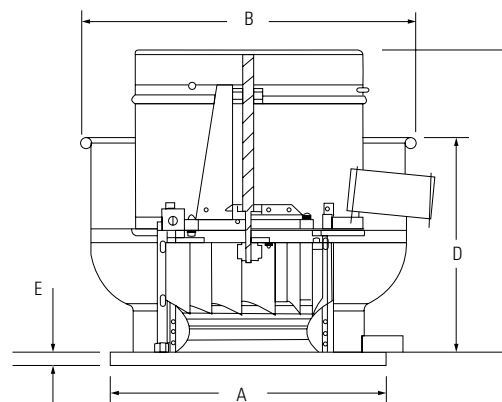
[‡] Power rating (BHP) does not include transmission losses.

[†] The sound ratings shown are loudness values in fan sones at 5 ft. (1.5m) in a hemispherical free field calculated per AMCA standard 301. Values shown are for installation type A, free inlet hemispherical sone levels.

* 3 phase motor

Dimensions

Model	A	B	C	D	E
5BDU 10BB-A	19	23 ⁷ / ₈	23 ³ / ₈	16 ⁷ / ₈	1 ¹ / ₂
5BDU 12CB-A	22	26 ¹ / ₂	24 ¹ / ₄	17 ³ / ₄	1 ¹ / ₂
5BDU 13DB-A	22	27 ⁷ / ₈	24 ⁵ / ₈	18 ¹ / ₂	1 ¹ / ₂
5BDU 15EB-A	26	29 ⁷ / ₈	27 ³ / ₈	19 ³ / ₈	1 ¹ / ₂
5BDU 15FB-A	26	29 ⁷ / ₈	27 ³ / ₈	19 ³ / ₈	1 ¹ / ₂
5BDU 16FB-A	26	31 ³ / ₄	27 ³ / ₄	20 ¹ / ₈	1 ¹ / ₂
5BDU 18FX-A	30	34	29 ⁷ / ₈	21 ¹ / ₈	1 ¹ / ₂
5BDU 18GB-A	30	34	29 ⁷ / ₈	21 ¹ / ₈	1 ¹ / ₂
5BDU 18HX-A	30	34	29 ⁷ / ₈	21 ¹ / ₈	1 ¹ / ₂
5BDU 20GB-A	30	36 ¹ / ₂	30 ¹ / ₄	22	1 ¹ / ₂
5BDU 20HX-A	30	36 ¹ / ₂	30 ¹ / ₄	22	1 ¹ / ₂
5BDU 24GB-A	34	42 ³ / ₈	33	24 ¹ / ₂	1 ¹ / ₂
5BDU 24HX-A	34	42 ³ / ₈	33	24 ¹ / ₂	1 ¹ / ₂



Dimensional information is in inches.

Specification data

Rated power	Voltage	RPM	0.0" P _s	0.125" P _s	0.25" P _s	0.375" P _s	0.50" P _s	0.625" P _s	0.75" P _s	1.00" P _s	Shipping weight	UPC #
HP	V	min ⁻¹	cfm Sones [†] BHP [‡]								lbs	
2	208-230/460	1270	5902	5774	5647	5519	5391	5252	5108	4823	212	47311 2
			25 1.75	25 1.78	24 1.82	24 1.85	24 1.88	23 1.91	23 1.93	23 1.97		
1-1/2	120/208-230	820	7306	7062	6818	6535	6245	5954	5632	4800	248	47314 3
			19.5 1.34	18.7 1.38	18.2 1.41	17.4 1.44	16.6 1.47	15.9 1.49	17.7 1.50	14.9 1.49		
2	208-230/460	900	8018	7796	7573	7334	7070	6806	6541	5945	244	47316 7
			24 1.76	23 1.81	22 1.85	22 1.89	21 1.92	19.7 1.95	19.0 1.97	18.1 1.99		

Performance certified for installation type A: free inlet, free outlet. Performance rating includes the effect of bird screen.

[‡] Power rating (BHP) does not include transmission losses.

[†] The sound ratings shown are loudness values in fan sones at 5 ft. (1.5m) in a hemispherical free field calculated per AMCA standard 301. Values shown are for installation type A, free inlet hemispherical sone levels.

[‡] 3 phase motor

Upblast fans with a "-A" designation indicate fans available as fully assembled. For models with a complete range motor and shell configurations, refer to page 24. These fans are shipped unassembled as Shell, Motor, and Drive Pack separately. Shell comes complete with blower wheel, shaft assembly and motor mount installed. Installation of the motor utilizing drive pack components ranges from 5-10 minutes depending on the skill range of the installer.

Accessories



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Flat Roof Curb
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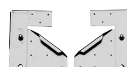
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Vented Curb
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5ACC..GC
Grease Collector
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5ACC..HK
Hinge Kit
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5ACC..RD
Roof Mount Damper
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5ACC..MS
Motor disconnect
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5BDU Series

Belt Drive Upblast Roof Ventilators



Fantech, Inc. certifies that the Belt-Drive Upblast Centrifugal Roof Ventilators shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

To complete our range of Upblast Roof fans, and allow for maximum quick turn availability, Fantech offers the complete range as 3 easily assembled components. The fans come with a Shell featuring a fully welded windband, heavy duty motor supports and machine balanced and mounted blower wheel. Factory pressed bearings complete the shaft and motor mount assembly.

Choosing the right motor is as easy as finding your desired airflow and matching that performance with the corresponding motor size and drive pack.

Alternatively, please refer to our online PRV selection tool on the Fantech website fantech.net

Specification data

Model	Rated power	Voltage	RPM	0.0" P _s	0.125" P _s	0.25" P _s	0.375" P _s	0.50" P _s	0.625" P _s	0.75" P _s	0.875" P _s	1.00" P _s	1.25" P _s
	HP	V	min ⁻¹	cfm									
	Sones [†] BHP [#]												
5BDU 12	1/4	120 / 230	1423	1390	1328	1266	1195	1121	1034	939	831	-	-
				12.5 0.21	12.3 0.22	11.7 0.23	11.3 0.23	10.8 0.24	10.2 0.24	9.7 0.24	9.5 0.24	-	-
5BDU 13	1/4	120 / 230	1210	1730	1638	1543	1443	1334	1216	1061	-	-	-
				12.2 0.21	11.2 0.22	11.5 0.23	11.0 0.24	10.3 0.25	9.4 0.25	8.5 0.25	-	-	-
	1/3	120 / 230	1330	1902	1818	1734	1643	1552	1449	1343	1201	-	-
				14.1 0.28	13.7 0.29	13.1 0.30	12.9 0.31	12.9 0.31	12.5 0.32	11.1 0.33	10.2 0.33	-	-
5BDU 15	1/4	120/208-230	1033	1950	1840	1727	1599	1450	1258	568	-	-	-
				11.8 0.22	11.5 0.23	11.5 0.24	10.8 0.25	10.5 0.25	9.9 0.25	8.6 0.16	-	-	-
	1/3	120/208-230	1136	2145	2045	1945	1832	1713	1571	1393	1070	-	-
				13.1 0.29	12.8 0.30	12.5 0.31	12.3 0.32	12.0 0.33	11.4 0.33	10.8 0.33	10.2 0.30	-	-
1/2	120/208-230 208-230/460	1301	2456	2369	2282	2193	2091	1989	1868	1745	1572	-	-
			15.4 0.44	15.4 0.45	15.1 0.47	14.9 0.48	14.4 0.49	14.1 0.49	13.8 0.50	13.2 0.50	12.9 0.49	-	-
5BDU 16	1/3	120 / 230	960	2520	2377	2232	2076	1910	1702	1390	-	-	-
				12.4 0.29	12.1 0.30	11.7 0.31	10.9 0.32	10.6 0.33	9.6 0.33	8.8 0.31	-	-	-
	1/2	120/208-230 208-230/460	1100	2887	2762	2637	2507	2370	2226	2077	1847	1529	-
				15.7 0.44	14.7 0.45	14.2 0.46	13.5 0.47	12.8 0.48	12.0 0.49	11.8 0.50	11.4 0.49	9.8 0.47	-
	3/4	120/208-230 208-230/460	1260	3307	3198	3098	2980	2864	2744	2623	2492	2360	-
				18.2 0.66	17.7 0.68	17.4 0.69	17.2 0.70	16.2 0.71	15.7 0.72	15.3 0.74	14.9 0.74	14.2 0.75	-
5BDU 18	1/3	120 / 230	811	2765	2600	2419	2217	1987	1676	-	-	-	-
				10.1 0.27	9.8 0.29	9.6 0.30	9.2 0.30	8.6 0.30	8.4 0.31	-	-	-	-
	1/2	120/208-230 208-230/460	928	3164	3020	2873	2701	2523	2321	2070	1589	-	-
				11.7 0.41	11.5 0.43	11.6 0.44	11.2 0.46	10.5 0.47	10.1 0.47	9.8 0.47	9.0 0.43	-	-
3/4	120/208-230 208-230/460	1062	3621	3496	3368	3233	3080	2926	2753	2577	2335	-	
			14.8 0.61	14.5 0.63	14.3 0.65	14.1 0.67	13.9 0.69	13.3 0.69	12.8 0.70	12.6 0.70	11.9 0.70	-	
5BDU 20	1/3	120 / 230	695	3329	2996	2742	2456	2094	-	-	-	-	-
				12.9 0.29	12.2 0.30	11.8 0.32	11.4 0.33	11.2 0.32	-	-	-	-	-
	1/2	120/208-230 208-230/460	800	3718	3515	3304	3078	2820	2527	2005	-	-	-
				14.0 0.44	13.6 0.46	13.1 0.48	12.6 0.49	12.2 0.50	12.3 0.50	12.0 0.47	-	-	-
	3/4	120/208-230 208-230/460	915	4252	4075	3898	3703	3505	3282	3039	2734	2175	-
				15.7 0.65	15.3 0.68	15.1 0.70	14.5 0.72	14.3 0.74	13.7 0.75	13.9 0.75	13.4 0.74	12.8 0.68	-
	1	120/208-230 208-230/460	1010	4693	4533	4373	4206	4026	3846	3643	3423	3181	1422
				17.6 0.88	17.2 0.91	17.1 0.93	16.6 0.96	16.2 0.96	16.2 0.96	15.5 1.00	14.9 1.00	14.9 1.00	14.8 0.63

Performance certified for installation type A: free inlet, free outlet. Performance rating includes the effect of bird screen. [#] Power rating (BHP) does not include transmission losses. [†] The sound ratings shown are loudness values in fan sones at 5 ft. (1.5m) in a hemispherical free field calculated per AMCA standard 301. Values shown are for installation type A, free inlet hemispherical sone levels.

5BDU Series

Belt Drive Upblast Roof Ventilators



Fantech, Inc. certifies that the Direct-Drive Upblast Centrifugal Roof Ventilators shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Specification data (cont.)

Model	Rated power	Voltage	RPM	0.0" P _s	0.125" P _s	0.25" P _s	0.375" P _s	0.50" P _s	0.625" P _s	0.75" P _s	0.875" P _s	1.00" P _s	1.25" P _s	1.50" P _s
	HP	V	min ⁻¹	cfm										
	Sones [†] BHP [#]													
5BDU 24	1/3	120 / 230	495	4410	3989	3503	2826	-	-	-	-	-	-	-
				10.6 0.29	10.4 0.32	10.0 0.33	9.8 0.32	-	-	-	-	-	-	-
	1/2	120/230 208-230/460	570	5078	4727	4313	3866	3239	-	-	-	-	-	-
				11.9 0.45	11.9 0.48	11.3 0.50	11.0 0.51	10.4 0.50	-	-	-	-	-	-
3/4	120/208-230 208-230/460	650	5791	5477	5126	4732	4324	3865	-	-	-	-	-	
			14.4 0.67	14.4 0.70	13.7 0.73	13.7 0.74	13.4 0.75	11.4 0.75	-	-	-	-	-	
1	120/208-230 208-230/460	720	6415	6137	5842	5510	5180	4801	4310	3714	-	-	-	
			15.8 0.90	15.6 0.94	14.3 0.97	14.1 1.00	13.8 1.01	13.2 1.01	13.0 1.00	12.9 0.97	-	-	-	
5BDU 30	1/2	120/230 208-230/460	412	6232	5658	4955	4105	-	-	-	-	-	-	
				16.1 0.42	15.1 0.46	14.5 0.47	14.2 0.47	-	-	-	-	-	-	
	3/4	120/208-230 208-230/460	471	7124	6622	6049	5391	4627	-	-	-	-	-	
				17.6 0.63	15.7 0.67	14.6 0.70	14.6 0.70	13.9 0.70	-	-	-	-	-	
	1	120/208-230 208-230/460	519	7850	7394	6901	6352	5709	4992	-	-	-	-	
				19.1 0.85	15.7 0.89	15.2 0.93	14.6 0.94	14.6 0.94	14.0 0.93	-	-	-	-	
	1-1/2	120/208-230 208-230/460	594	8985	8586	8188	7716	7233	6669	6072	5417	-	-	
				16.5 1.27	17.3 1.32	16.3 1.37	15.9 1.40	15.6 1.41	15.1 1.41	14.4 1.40	14.1 1.38	-	-	
	2	208-230/460	653	9877	9515	9152	8755	8319	7867	7354	6824	6230	-	
				19.7 1.69	19.4 1.75	18.3 1.80	18.0 1.84	17.3 1.86	16.0 1.87	15.9 1.87	15.1 1.87	14.5 1.85	-	
	3	208-230/460	748	11314	10988	10681	10365	10005	9624	9242	8814	8367	7394	
				24 2.53	23 2.60	22 2.67	22 2.72	21 2.77	19.8 2.79	18.9 2.81	18.4 2.81	17.7 2.81	16.9 2.79	
5	208-230/460	887	13417	13150	12883	12616	12350	12065	11744	11422	11100	10393	9638	
			30 4.23	30 4.31	30 4.38	30 4.46	28 4.52	28 4.58	27 4.63	26 4.66	25 4.68	24 4.69	23 4.66	
5BDU 36	3/4	120/208-230 208-230/460	339	9392	8509	7552	6179	-	-	-	-	-	-	
				9.3 0.67	8.6 0.71	8.4 0.74	7.9 0.73	-	-	-	-	-	-	
	1	120/208-230 208-230/460	373	10334	9532	8679	7654	6202	-	-	-	-	-	
				10.9 0.89	9.8 0.94	9.4 0.98	8.9 0.98	8.3 0.94	-	-	-	-	-	
	1-1/2	120/208-230 208-230/460	427	11830	11129	10411	9645	8694	7443	-	-	-	-	
				13.0 1.34	12.2 1.39	11.5 1.44	11.1 1.47	10.8 1.47	10.0 1.44	-	-	-	-	
	2	208-230/460	470	13021	12384	11748	11058	10336	9430	8267	-	-	-	
				15.5 1.78	14.6 1.84	14.1 1.89	13.5 1.94	13.1 1.97	12.5 1.96	12.0 1.92	-	-	-	
	3	208-230/460	538	14905	14349	13793	13224	12616	12008	11231	10432	9307	-	
				19.1 2.68	18.8 2.74	17.8 2.80	17.0 2.86	16.7 2.92	16.2 2.95	15.8 2.95	15.0 2.92	14.8 2.87	-	
5	208-230/460	637	17647	17178	16708	16239	15763	15249	14736	14222	13573	12147	7546	
			23 4.44	23 4.52	23 4.59	21 4.67	21 4.74	21 4.81	20 4.86	20 4.90	19.8 4.90	18.4 4.85	17.3 3.55	

Performance certified for installation type A: free inlet, free outlet. Performance rating includes the effect of bird screen.[#] Power rating (BHP) does not include transmission losses.

[†] The sound ratings shown are loudness values in fan sones at 5 ft. (1.5m) in a hemispherical free field calculated per AMCA standard 301. Values shown are for installation type A, free inlet hemispherical sone levels.

5BDU Series

Upblast Roof Ventilator Components

Model	Shell			HP	1 Phase for Fans Less Motor and Drive						3 Phase for Fans Less Motor and Drive							
	UPC #	List Price	Shipping Weight		Drive Pack			Motor			Drive Pack			Motor				
		USD	lbs		UPC #	DP ID	List Price	UPC #	Motor ID	List Price	UPC #	DP ID	List Price	UPC #	Motor ID	List Price		
							USD			USD			USD			USD		
5BDU10	49800 9	500.00	90	1/4	48992 2	DP-10"-BB	50.00	49907 5	MOT BB	100.00								
5BDU12	49801 6	550.00	100	1/4	48993 9	DP-12"-BB	55.00	49907 5	MOT BB	100.00								
				1/3	48994 6	DP-12"-CB	55.00	49909 9	MOT CB	135.00								
5BDU13	49802 3	600.00	105	1/4	48995 3	DP-13"-BB	57.00	49907 5	MOT BB	100.00								
				1/3	48996 0	DP-13"-CB	57.00	49909 9	MOT CB	135.00								
				1/2	48997 7	DP-13"-DB	57.50	49910 5	MOT DB	137.50	49000 3	DP-13"-DX	57.50	49911 2	MOT DX	164.00		
5BDU15	49803 0	650.00	120	1/4	49001 0	DP-15"-BB	62.50	49907 5	MOT BB	100.00								
				1/3	49002 7	DP-15"-CB	62.50	49909 9	MOT CB	135.00								
				1/2	49003 4	DP-15"-DB	62.50	49910 5	MOT DB	137.50	49004 1	DP-15"-DX	62.50	49911 2	MOT DX	164.00		
				3/4	49005 8	DP-15"-EB/EX	62.50	49912 9	MOT EB	235.00	49005 8	DP-15"-EB/EX	62.50	49913 6	MOT EX	200.00		
				1	49007 2	DP-15"-FB/FX	62.50	49914 3	MOT FB	210.00	49007 2	DP-15"-FB/FX	62.50	49915 0	MOT FX	210.00		
5BDU16	49804 7	700.00	125	1/3	49010 2	DP-16"-CB	65.00	49909 9	MOT CB	135.00								
				1/2	49011 9	DP-16"-DB	65.00	49910 5	MOT DB	137.50	49012 6	DP-16"-DX	65.00	49911 2	MOT DX	164.00		
				3/4	49013 3	DP-16"-EB/EX	65.00	49912 9	MOT EB	235.00	49013 3	DP-16"-EB/EX	65.00	49913 6	MOT EX	200.00		
				1	49015 7	DP-16"-FB/FX	65.00	49914 3	MOT FB	210.00	49015 7	DP-16"-FB/FX	65.00	49915 0	MOT FX	210.00		
5BDU18	49805 4	850.00	171	1/3	49017 1	DP-18"-CB	70.00	49909 9	MOT CB	135.00								
				1/2	49018 8	DP-18"-DB	70.00	49910 5	MOT DB	137.50	49019 5	DP-18"-DX	70.00	49911 2	MOT DX	164.00		
				3/4	49020 1	DP-18"-EB/EX	70.00	49912 9	MOT EB	235.00	49020 1	DP-18"-EB/EX	70.00	49913 6	MOT EX	200.00		
				1	49022 5	DP-18"-FB/FX	70.00	49914 3	MOT FB	210.00	49022 5	DP-18"-FB/FX	70.00	49915 0	MOT FX	210.00		
				1-1/2	49024 9	DP-18"-GB	70.00	49916 7	MOT GB	285.00	49024 9	DP-18"-GX	70.00	49917 6	MOT GX	271.00		
				2						49026 3	DP-18"-HX	70.00	49918 1	MOT HX	535.00			
5BDU20	49806 1	900.00	173	1/3	49027 0	DP-20"-CB	75.00	49909 9	MOT CB	135.00								
				1/2	49028 7	DP-20"-DB	75.00	49910 5	MOT DB	137.50	49029 4	DP-20"-DX	75.00	49911 2	MOT DX	164.00		
				3/4	49031 7	DP-20"-EB/EX	75.00	49912 9	MOT EB	235.00	49031 7	DP-20"-EB/EX	75.00	49913 6	MOT EX	200.00		
				1	49032 4	DP-20"-FB/FX	75.00	49914 3	MOT FB	210.00	49032 4	DP-20"-FB/FX	75.00	49915 0	MOT FX	210.00		
				1-1/2	49036 2	DP-20"-GB/GX	75.00	49916 7	MOT GB	285.00	49036 2	DP-20"-GB/GX	75.00	49917 6	MOT GX	271.00		
				2						49038 6	DP-20"-HX	75.00	49918 1	MOT HX	535.00			
5BDU24	49807 8	1,000.00	205	1/3	49039 3	DP-24"-CB	85.00	49909 9	MOT CB	135.00								
				1/2	49040 9	DP-24"-DB	85.00	49910 5	MOT DB	137.50	49041 6	DP-24"-DX	85.00	49911 2	MOT DX	164.00		
				3/4	49042 3	DP-24"-EB/EX	85.00	49912 9	MOT EB	235.00	49042 3	DP-24"-EB/EX	85.00	49913 6	MOT EX	200.00		
				1	49044 7	DP-24"-FB/FX	85.00	49914 3	MOT FB	210.00	49044 7	DP-24"-FB/FX	85.00	49915 0	MOT FX	210.00		
				1-1/2	49046 1	DP-24"-GB/GX	85.00	49916 7	MOT GB	285.00	49046 1	DP-24"-GB/GX	85.00	49917 6	MOT GX	271.00		
				2									49051 5	DP-24"-HX	85.00	49918 1	MOT HX	535.00
5BDU30	49808 5	1,800.00	305	1/2	49466 7	DP-30"-DB	100.00	49910 5	MOT DB	137.50	49052 2	DP-30"-DX	100.00	49911 2	MOT DX	164.00		
				3/4	49053 9	DP-30"-EB/EX	100.00	49912 9	MOT EB	235.00	49053 9	DP-30"-EB/EX	100.00	49913 6	MOT EX	200.00		
				1	49055 3	DP-30"-FB/FX	100.00	49914 3	MOT FB	210.00	49055 3	DP-30"-FB/FX	100.00	49915 0	MOT FX	210.00		
				1-1/2	49057 7	DP-30"-GB/GX	100.00	49916 7	MOT GB	285.00	49057 7	DP-30"-GB/GX	10000	49917 6	MOT GX	271.00		
				2									49060 7	DP-30"-HX	10000	49918 1	MOT HX	535.00
				3									49061 4	DP-30"-JX	100.00	49919 8	MOT JX	632.00
5BDU36	49809 2	2,600.00	385	3/4	49063 8	DP-36"-EB/EX	115.00	49912 9	MOT EB	235.00	49063 8	DP-36"-EB/EX	115.00	49913 6	MOT EX	200.00		
				1	49065 2	DP-36"-FB/FX	115.00	49914 3	MOT FB	210.00	49065 2	DP-36"-FB/FX	115.00	49915 0	MOT FX	210.00		
				1-1/2	49067 6	DP-36"-GB/GX	115.00	49916 7	MOT GB	285.00	49067 6	DP-36"-GB/GX	115.00	49917 6	MOT GX	271.00		
				2									49069 0	DP-36"-HX	11500	49918 1	MOT HX	535.00
				3									49070 6	DP-36"-JX	115.00	49919 8	MOT JX	632.00
				5						49072 0	DP-36"-KX	115.00	49920 4	MOT KX	541.00			



DID YOU KNOW..

Fantech's Technical Support Professionals can cross reference your Roof Fan schedules to provide you with the project assistance you need.

USA • 800.747.1762

5FSU Series

Filtered Supply Unit



Fantech, Inc. certifies that the Ventilators shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Belt-drive filtered supply units are designed to be installed on the roof or wall (15" and 18" units roof-mount only). The single-sided units provide filtered supply air to industrial and commercial buildings and can easily be used in commercial or industrial kitchen applications. Units include one set of 1" washable aluminum filters.

- All ventilators are UL 705 Standard listed
- AMCA licensed for sound and air
- Lifting lugs are standard on all sizes for ease of transport
- Galvanized metal housing and base
- Variable pitch sheaves to allow speed and CFM adjustments



Specification data

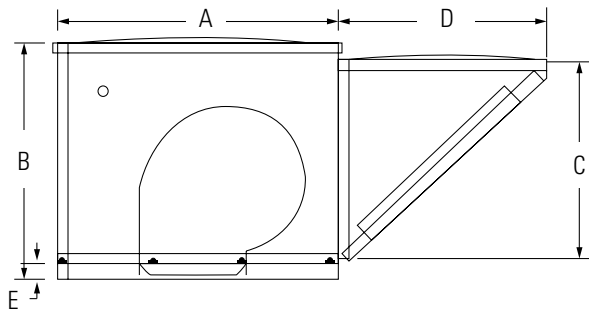
Model	Rated power	Voltage / phase	RPM	0.125" P _s	0.25" P _s	0.375" P _s	0.50" P _s	0.75" P _s	1.00" P _s	1.25" P _s	Shipping weight	UPC #	List price
	HP	V / ~	min ⁻¹	cfm							lbs		USD
				Max BHP [†] LWA [#]									
5FSU 10BB	1/4	120/230 / 1	689	1647	1387	1044	184	-	-	-	183	47640 3	973.00
				0.29 -	0.29 81	0.29 -	0.29 -	-	-	-			
5FSU 10CB	1/3	120/230 / 1	760	1863	1637	1377	697	-	-	-	185	47508 6	1,042.00
				0.38 -	0.38 82	0.38 -	0.38 -	-	-	-			
5FSU 10DB	1/2	120/230 / 1	870	2184	2000	1792	1557	334	-	-	198	47354 9	1,100.00
				0.58 -	0.58 82	0.58 -	0.58 -	0.58 -	-	-			
5FSU 10FB	1	120/230 / 1	1090	2811	2679	2527	2368	2011	1420	-	197	47355 6	1,136.00
				1.13 -	1.13 84	1.13 -	1.13 -	1.13 -	1.13 -	-			
5FSU 12EB	1	120/230 / 1	725	3021	2769	2468	2053	344	-	-	291	48670 9	1,373.00
				0.79 -	0.79 79	0.79 -	0.79 -	0.79 -	-	-			
5FSU 15FB	1	120/230 / 1	670	3963	3671	3345	2931	1283	336	-	303	47776 9	1,518.00
				1.13 -	1.13 78	1.13 -	1.13 -	1.13 -	1.13 -	-			
5FSU 15GB	1-1/2	120/230 / 1	745	4464	4216	3933	3616	2780	1079	340	309	47359 4	1,579.00
				1.56 -	1.56 81	1.56 -	1.56 -	1.56 -	1.56 -	1.56 -			
5FSU 18GB	1-1/2	120/230 / 1	592	5409	4989	4515	4043	2386	809	-	449	47361 7	2,109.00
				1.50 -	1.50 79	1.50 -	1.50 -	1.50 -	1.50 -	-			

Performance certified is for installation type B: Free Inlet, Ducted Outlet. Performance ratings include the effects of filters.

[†] Power ratings (BHP) do not include transmission losses. The A-weighted sound ratings are calculated per AMCA Standard 301.

[#] Values shown are for total LWA sound power levels for Installation Type B: Free Inlet, Ducted Outlet. Ratings include the effects of duct end correction for the outlet duct.

Dimensions



Model	A	B	C	D	E
5FSU 10BB	30	25	21	22	1 1/2
5FSU 10CB	30	25	21	22	1 1/2
5FSU 10DB	30	25	21	22	1 1/2
5FSU 10FB	30	25	21	22	1 1/2
5FSU 12EB	34 1/2	32	26	30	2
5FSU 15FB	34 1/2	32	26	30	2
5FSU 15GB	34 1/2	32	26	30	2
5FSU 18GB	42	36	31	33	2

Dimensional information is in inches.

Accessories



5ACC..MS
Motor disconnect
page 108

**In an indoor
growing
operation,
ventilation is
a must.**





1

1ACC 36MD
Motorized damper



Greenhouse

Ventilation for a growing industry

Ventilation is possibly the most important component in a successful greenhouse. It helps regulate the temperature, ensures fresh air that plants need to synthesize, encourages pollination and discourages pest infestations.

Opening windows and vents relies on wind to exchange the air in the greenhouse which cannot always be guaranteed. Take control of your indoor climate with Fantech propeller exhaust fans and motorized dampers.

Propeller fans are used to move a large volume of air at low pressure to optimize conditions in the greenhouse. These exhaust fans are cost effective and quiet.

Wall Mount Fan 1WMC 36F2

2

1. 1WMC 36F2 Wall Mount Cabinet Belt-Drive Exhaust Fan

1 HP, 12395 cfm, 677 RPM, 179 lbs

Wall mount cabinet exhaust fans are designed for use with light to medium duty applications such as greenhouses, factories and warehouses. Each unit is shipped fully assembled with wall collar, guard and damper for easy installation. See page 34.

2. 1ACC 36MD Motorized damper

Interlocked with the exhaust fan ensures no negative pressure in the building.

40 x 11 x 41, 51 lbs. See page 114.

3. 1ACC 36WH Weather Hood

Protects exhaust or supply fans from outside elements. See page 115.

1WMC Series

Wall Mount Cabinet Exhaust Fans



Fantech, Inc. certify that the Wall Mount Cabinet Exhaust Fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Wall Mount Cabinet Exhaust fans are designed for use with light to medium duty applications such as greenhouses, factories and warehouses. Each unit is shipped fully assembled with wall collar, guard and damper for easy installation.

- All ventilators are UL Standard 705 listed
- Wall-mounting brackets included
- All galvanized steel construction with powder-coated propellers
- Maximum inlet temperature is 120°F
- High-efficiency propellers and press-fit pillow block bearings
- Variable pitch sheaves allow reduction of fan speed and air performance up to 25%
- Shipped ready to install



Specification data

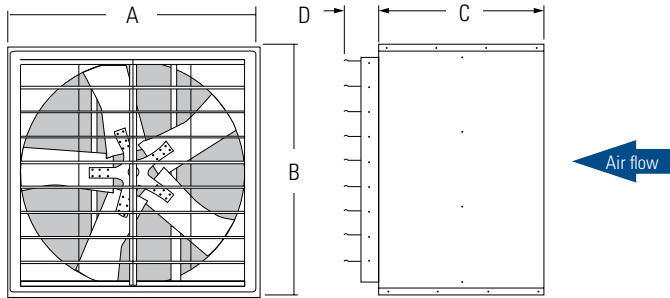
Model	Rated power	Voltage / phase	RPM	Max BHP [†]	0.0" P _s	0.125" P _s	0.25" P _s	Sones [‡] @ 0.125" P _s	Shipping weight	UPC #
	HP	V / ~	min ⁻¹		cfm				lbs	
1WMC 24D2	1/2	120 / 1	800	0.56	5230	4410	3530	16.1	141	47065 4
1WMC 30E2	3/4	120 / 1	680	0.81	8645	7430	5835	16.7	169	47066 1
1WMC 30FY	1	208-230/460 / 3	750	1.09	9535	8455	7130	22.0	176	47457 7
1WMC 36F2	1	120 / 1	585	0.99	12395	10640	8125	20.0	202	47067 8
1WMC 36GY	1-1/2	208-230/460 / 3	677	1.53	14345	12880	11160	26.0	204	47068 5
1WMC 42GY	1-1/2	208-230/460 / 3	530	1.42	17540	14745	10800	22.0	252	47070 8
1WMC 48HY	2	208-230/460 / 3	480	1.82	23295	20310	14720	25.0	305	47072 2

Performance certified is for installation type A: Free Inlet, Free Outlet.

[†] Power rating (BHP) does not include transmission losses. Performance ratings include the effects of shutter and guard.

[‡] The sound ratings are loudness in fan sones at 5 ft (1.5m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation type A: free inlet hemispherical sone levels.

Dimensions



Model	A	B	C	D (max)
1WMC 24D2	28 1/4	28 1/4	24 1/4	6
1WMC 30E2	34 1/4	34 1/4	25 1/4	6
1WMC 30FY	34 1/4	34 1/4	25 1/4	6
1WMC 36F2	40 1/4	40 1/4	26 1/4	6
1WMC 36GY	40 1/4	40 1/4	28 1/4	6
1WMC 42GY	46 1/4	46 1/4	28 1/4	6
1WMC 48HY	54 1/4	54 1/4	47 3/4	6

Dimensional information is in inches.

Accessories



1ACC..WH
Weatherhood
page 115



5ACC..MS
Motor disconnect
page 108

2VLD Series

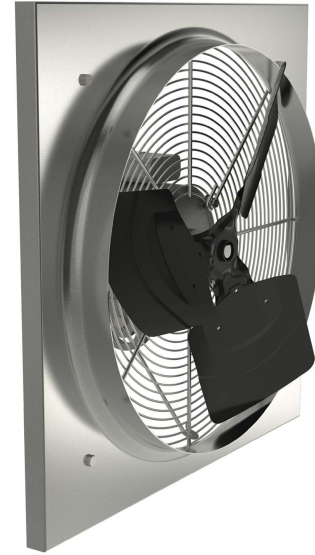
Direct Drive Medium Duty Propeller Fans



Fantech, Inc. certify that the Axial Ventilators shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Medium duty exhaust fans are designed for general ventilation in dusty, dirty and grease or moisture-laden environments.

- Wire guards and venturi panels have baked-on gray polyester finish to help resist corrosion
- Totally enclosed, sleeve bearing
- Speed-controllable
- Shipped ready to install

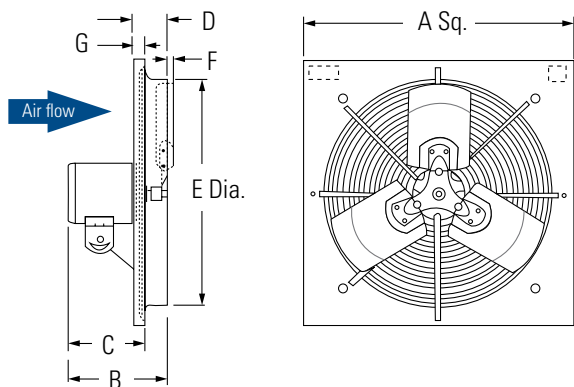


Specification data

Model	Rated power	Voltage / phase	Amperage full load	RPM	0.0" P _s	0.125" P _s	0.25" P _s	0.375" P _s	Sones @ 0.125" P _s	Shipping weight	UPC #
	HP	V / ~	Amps	min ⁻¹	cfm						
2VLD 1221	1/30	120 / 1	1.4	1550	845	665	315	-	7.8	14	47114 9
2VLD 1661	1/20	120 / 1	1.6	1520	1170	885	560	-	13.6	18	47115 6
2VLD 18B1	1/4	120 / 1	3.9	1150	2500	2130	1590	1025	10.4	28	47116 3
2VLD 20B1	1/4	120 / 1	4.9	1165	3440	2995	2310	1450	12.5	36	47117 0
2VLD 24B1	1/4	120 / 1	4.1	1150	3455	2985	2410	1580	12.8	36	47118 7

Performance certified is for installation type A: Free Inlet, Free Outlet. Speed (RPM) shown is nominal. Performance is based on actual speed of test. Performance ratings include the effects of shutter and guard. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A, hemispherical sone levels.

Dimensions



Model	A	B	C	D	E	F	G
2VLD 1221	16	5 ³ / ₁₆	3 ¹¹ / ₁₆	2 ¹ / ₂	12 ³ / ₈	3 ³ / ₄	1
2VLD 1661	20	6 ³ / ₁₆	4 ⁷ / ₁₆	2 ³ / ₄	16 ⁷ / ₁₆	9 ⁹ / ₁₆	1
2VLD 18B1	22	8	6 ¹ / ₁₆	2 ¹⁵ / ₁₆	18 ⁷ / ₁₆	1 ¹ / ₂	1
2VLD 20B1	24	9 ⁵ / ₈	7 ¹ / ₂	3 ³ / ₁₆	20 ¹ / ₂	1 ¹¹ / ₁₆	1
2VLD 24B1	28	8 ¹ / ₂	6	3 ⁵ / ₈	24 ³ / ₈	1 ¹ / ₂	1

Dimensional information is in inches.

Accessories



1ACC..WH
Weatherhood
page 115



1ACC..WD
Wall Damper
page 115



5ACC..SC
Speed Control
page 108



5ACC..MS
Motor disconnect
page 108

2SHE Series

Direct Drive Shutter Fans



Fantech, Inc. certifies that the Shutter Mounted Exhaust Fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Shutter mounted exhaust fans are widely used for ventilating warehouses, stores, factories, workshops, greenhouses and farm buildings. Shutter frames with prepunched mounting holes allow for easy installation.

- All ventilators are UL 705 Standards listed
- Heavy duty guards have gray polyester coating to resist corrosion
- OSHA compliant guards
- Totally enclosed motors
- Speed controllable (except 2SHE 30C1 and 2SHE 36D1)
- Shipped ready to install
- 2SHE07 thru 2SHE24 blades are manufactured from aluminum, 2SHE30 and 2SHE36 blades are manufactured from galvanized steel.

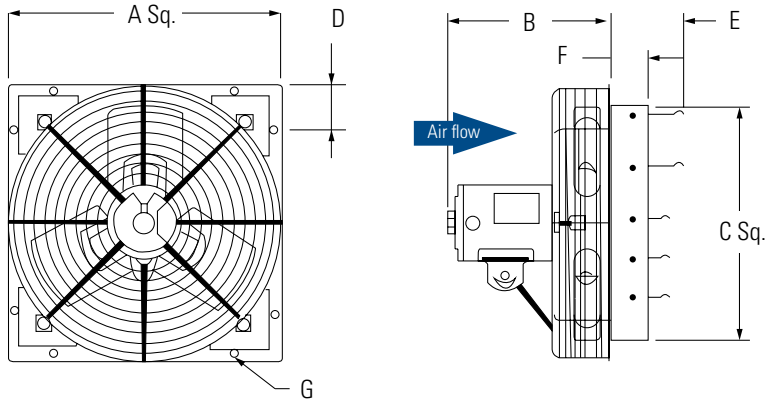


Specification data

Model	Rated power	Voltage / phase	RPM	Bearing type	Amperage full load	0.0" P _s	0.125" P _s	0.25" P _s	Sones @ 0.0" P _s	Shipping weight	UPC #
	HP	V / ~	min ⁻¹		Amps	cfm					
2SHE 0721	1/30	120 / 1	1725	Sleeve	1.4	140	-	-	4.8	15	47096 8
2SHE 1021	1/30	120 / 1	1585	Sleeve	1.4	585	285	-	6.6	10	47097 5
2SHE 1221	1/30	120 / 1	1570	Sleeve	1.4	800	470	-	7.6	21	47098 2
2SHE 1621	1/20	120 / 1	1550	Sleeve	1.5	1095	720	-	8.0	19	47099 9
2SHE 1871	1/15	120 / 1	1075	Sleeve	1.2	1860	850	-	8.4	22	47100 2
2SHE 20B1W	1/4	120 / 1	1150	Sleeve	4.6	2830	2250	1235	11.3	39	47102 6
2SHE 24B1W	1/4	120 / 1	1150	Ball	3.7	3240	2485	1110	11.4	39	47103 3
2SHE 30C1*	1/3	120 / 1	850	Ball	4.4	6075	4195	2150	13.5	65	47104 0
2SHE 36D1*	1/2	120 / 1	850	Ball	5.6	8225	6480	2935	14.7	75	47105 7

Performance certified is for installation type A, Free Inlet, Free Outlet. Speed (RPM) shown is nominal. Performance is based on actual speed of test. Performance ratings include the effects of guard and shutter. The sound ratings shown are loudness values in fan sones at 5 ft in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type A, Free Inlet hemispherical sone levels.
* Single speed motor

Dimensions



Model	A	B	C	D	E	F	G
2SHE 0721	11 1/8	4 15/16	8 1/2	3 9/16	5 3/4	3	1/4 X 1/2
2SHE 1021	13 1/8	5 3/7	10 1/2	10 1/2	5 3/4	3	1/4 X 1/2
2SHE 1221	15 1/8	6	13	3 9/16	5 3/4	3	1/4 X 1/2
2SHE 1621	19 1/8	6 13/16	17	10 1/2	5 3/4	3	1/4 X 1/2
2SHE 1871	21 1/8	8 1/2	18 1/2	3 9/16	5 3/4	3	1/4 X 1/2
2SHE 20B1W	23 1/8	10 3/4	21	10 1/2	5 3/4	3	1/4 X 1/2
2SHE 24B1W	27 1/8	9 3/4	25	3 9/16	5 3/4	3	1/4 X 1/2
2SHE 30C1	33 1/8	13 1/3	31	10 1/2	5 3/4	3	1/4 X 1/2
2SHE 36D1	39 1/8	13 1/8	37	10 1/2	5 3/4	3	1/4 X 1/2

Dimensional information is in inches.

Accessories



5ACC..SC
Speed Control
page 108



FAT10
Attic Thermostat
page 109

**We know
that proper
ventilation is an
everyday need –
every day of your
life.**

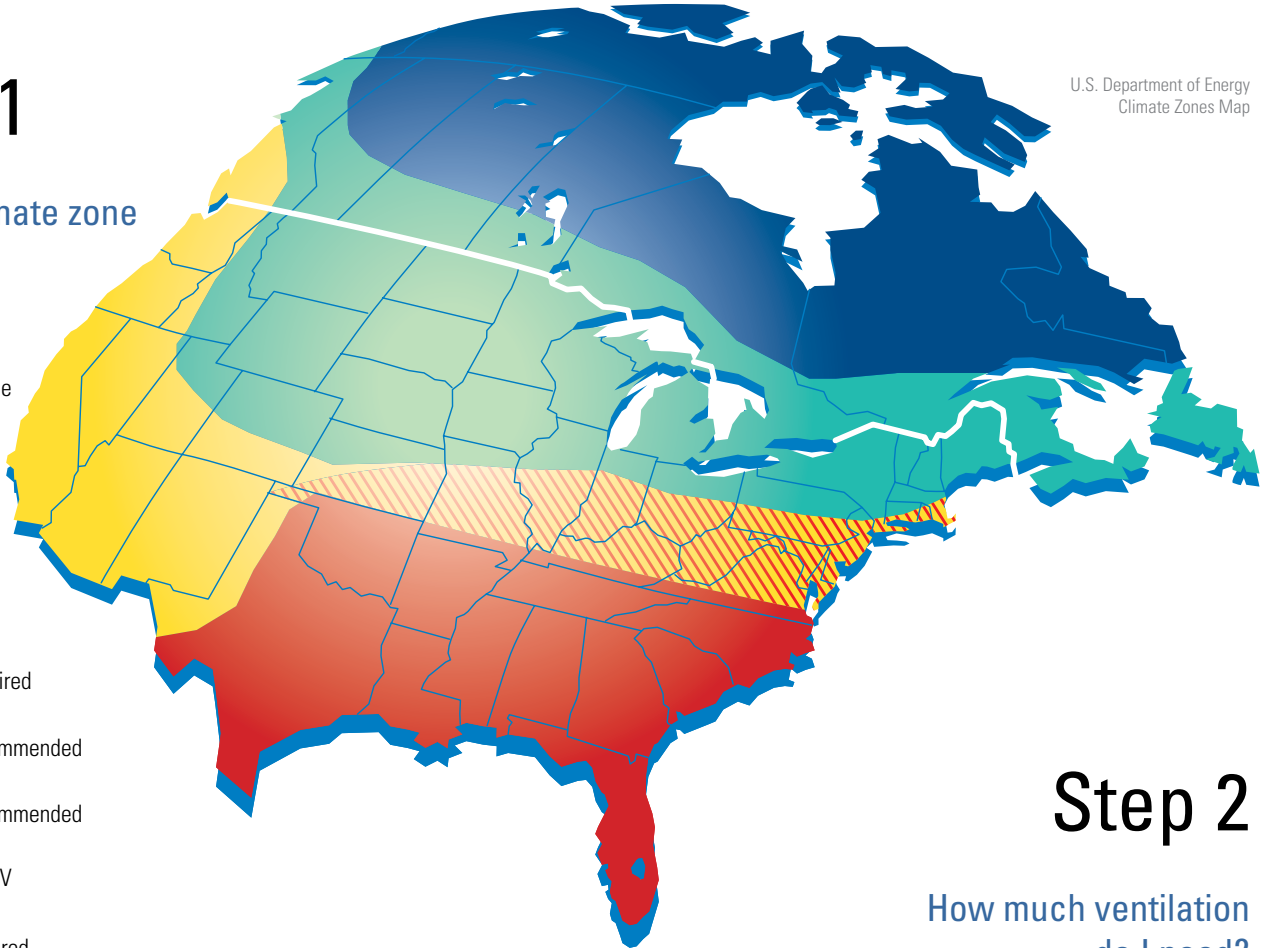
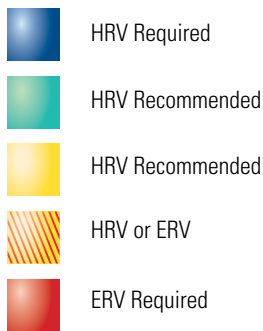


Two simple steps to help you choose the ideal unit for your living space

Step 1

In what climate zone do I live?

Browse the climate conditions where you live to determine whether you need a Heat Recovery Ventilator or an Energy Recovery Ventilator.



HRVs are usually recommended for colder climates with longer heating seasons. ERVs are used for warmer more humid climates with long cooling seasons.

Living area sq.ft.	Number of bedrooms				
	0-1	2-3	4-5	6-7	> 7
< 1,500	30	45	60	75	90
1,500 - 3,000	45	60	75	90	105
3,001 - 4,500	60	75	90	105	120
4,501 - 6,000	75	90	105	120	135
6,001 - 7,500	90	105	120	135	150
> 7,500	105	120	135	150	165

Table 1. Ventilation needs of a home, ASHRAE 62.2

Step 2

How much ventilation do I need?

The American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) has developed a guideline to evaluate the minimum ventilation needs of a home according to ASHRAE Standard 62.2, Ventilation for Acceptable Indoor Air Quality.

The standard defines whole house and local ventilation needs. Whole house ventilator sizing is based on the home's overall liveable surface area and the number of bedrooms. The whole house ventilation is the continuous ventilation rate required to meet the minimum requirements of the standard, represented in the table to the left.

Along the left side of the table simply select the size of the home; then find the corresponding line matching the number of bedrooms; the resulting number is the amount of CFM you will need in a whole house ventilator. An HRV/ERV can also be used to meet local ventilation needs if a dedicated duct system exist otherwise bathroom and kitchen exhaust may be required to meet minimum ventilation needs.

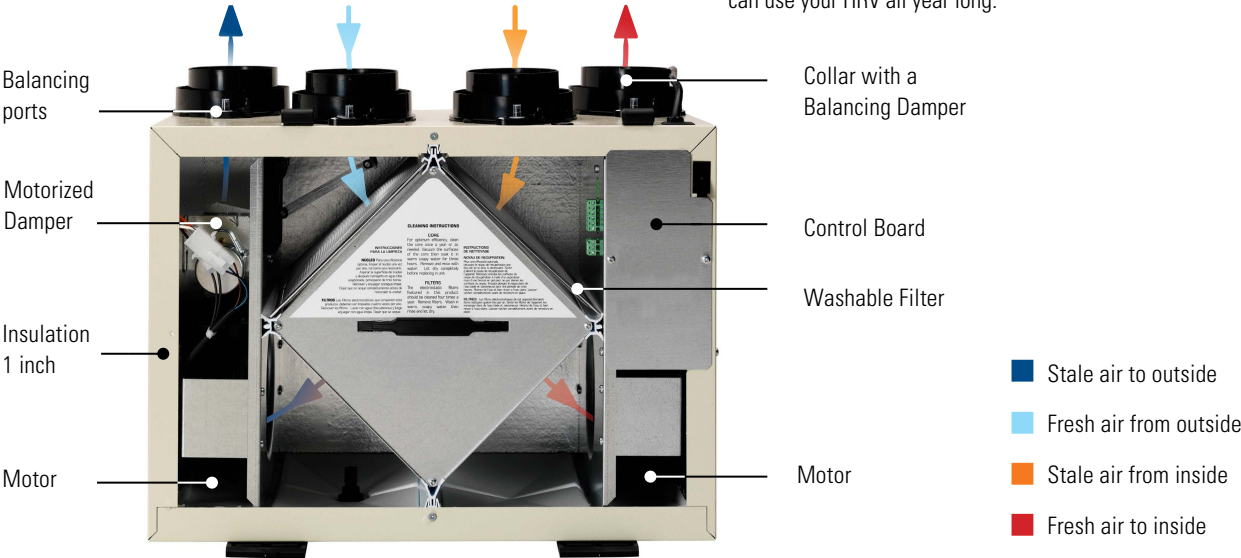
How Do They Work?

Energy Recovery Ventilators (ERVs)

Fantech’s ERV works much like the HRV but it is equipped with a different type core. The enthalpy core at the center of the unit transfers heat and moisture from the incoming air to the outgoing air that was cooled and dried by the building’s air conditioner. The air brought into the living area is cooled and the humidity is reduced for maximum comfort. The load on your air conditioner is less and you save on cooling costs.

Heat Recovery Ventilators (HRVs)

An HRV is designed to bring a continuous supply of fresh air into a home while exhausting an equal amount of contaminated air. HRVs use what is called a “sensible” heat recovery core. This special aluminum core transfers heat from the exhaust air stream to the incoming air stream. During winter fresh incoming air is tempered by the heat that is transferred from the outgoing air so you save on energy costs, while during summer, the incoming air is pre-cooled if the house is equipped with an air cooling system. Fantech HRVs are equipped with automatic defrost mechanisms so even if you live in the coldest climates you can use your HRV all year long.



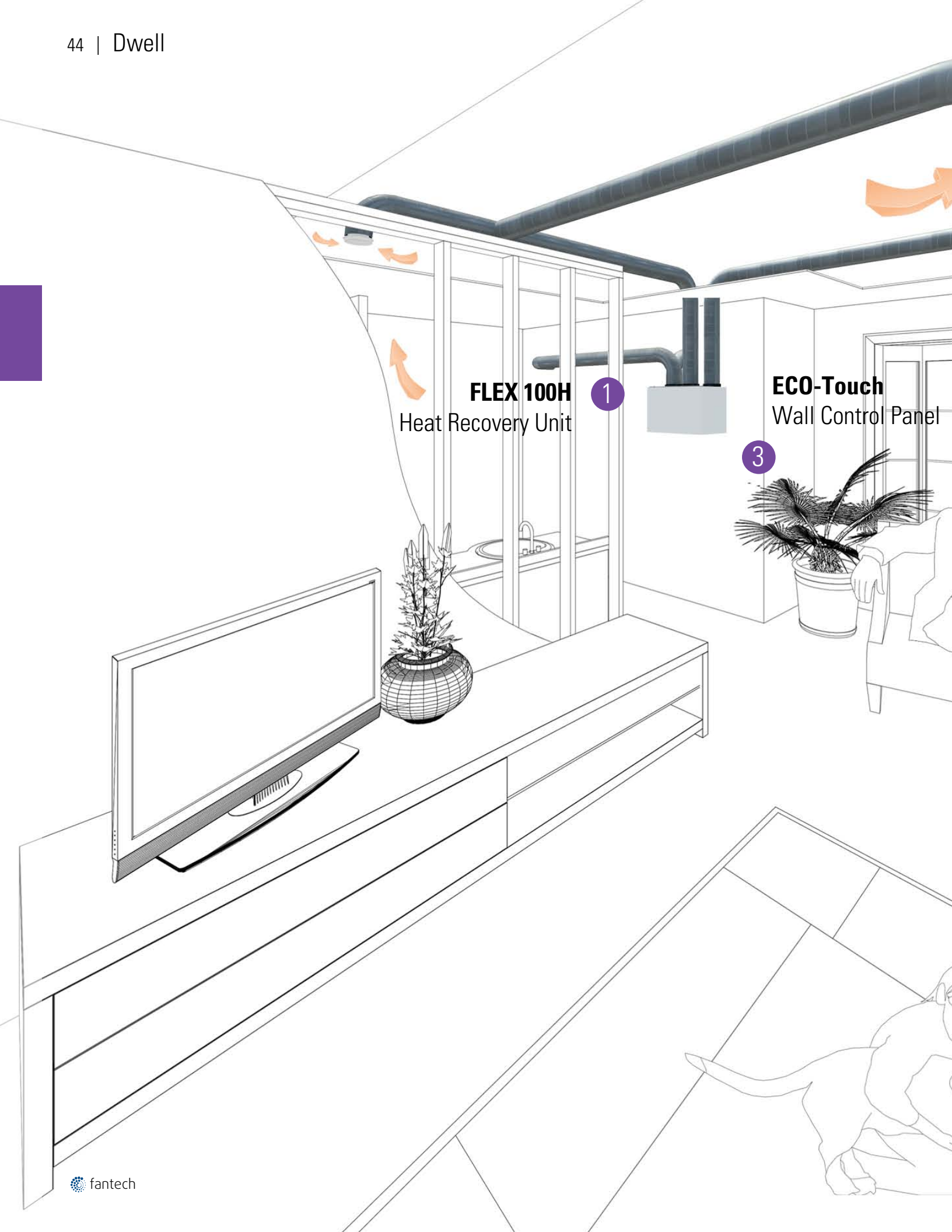
Product Key:

SER 2004N

- No Defrost
- Number of ports
- Airflow (cfm)
- S = Side ports
- E = Energy Recovery Ventilator
- R = Remote Control

VHR 1405R

- Defrost Recirculation
- Number of ports
- Airflow (cfm)
- V = Vertical ports
- H = Heat Recovery Ventilator
- R = Remote Control



FLEX 100H
Heat Recovery Unit

1

ECO-Touch
Wall Control Panel

3

Condominiums

Many homes, many needs - one solution

Homes today are tighter and more energy efficient than they were 20 years ago, however they trap stale air indoors, which leads to poor indoor air quality and possible health problems.

What can you do about it?

Installing a Fantech FLEX 100H can significantly improve the quality of the indoor air you breathe. The FLEX 100H's balanced ventilation technology replaces stale indoor air with an identical amount of fresh air. Balanced ventilation has a number of advantages over exhaust-only ventilation such as not drawing pollutants into living space, faster dilution of pollutants and better fresh air distribution.

Well suited for condos, apartments and single and multi family homes, the FLEX 100H can fit almost anywhere (such as in a 24" closet space). Outgoing polluted air passes through a special aluminum recovery core transferring up to 80% of the heat energy to the incoming cool fresh air. At no time does the stale and fresh air streams mix.

1. FLEX 100H Heat Recovery Ventilator

Up to 100 CFM of continuous balanced ventilation. Turbo Touch (TM) features provides up to 50% more intermittent ventilation. Integrated air flow measurement and damper system for easy balancing. Duct diameter (inlet/outlet): 5" See page 46.

2. MGS 4 Supply Grille

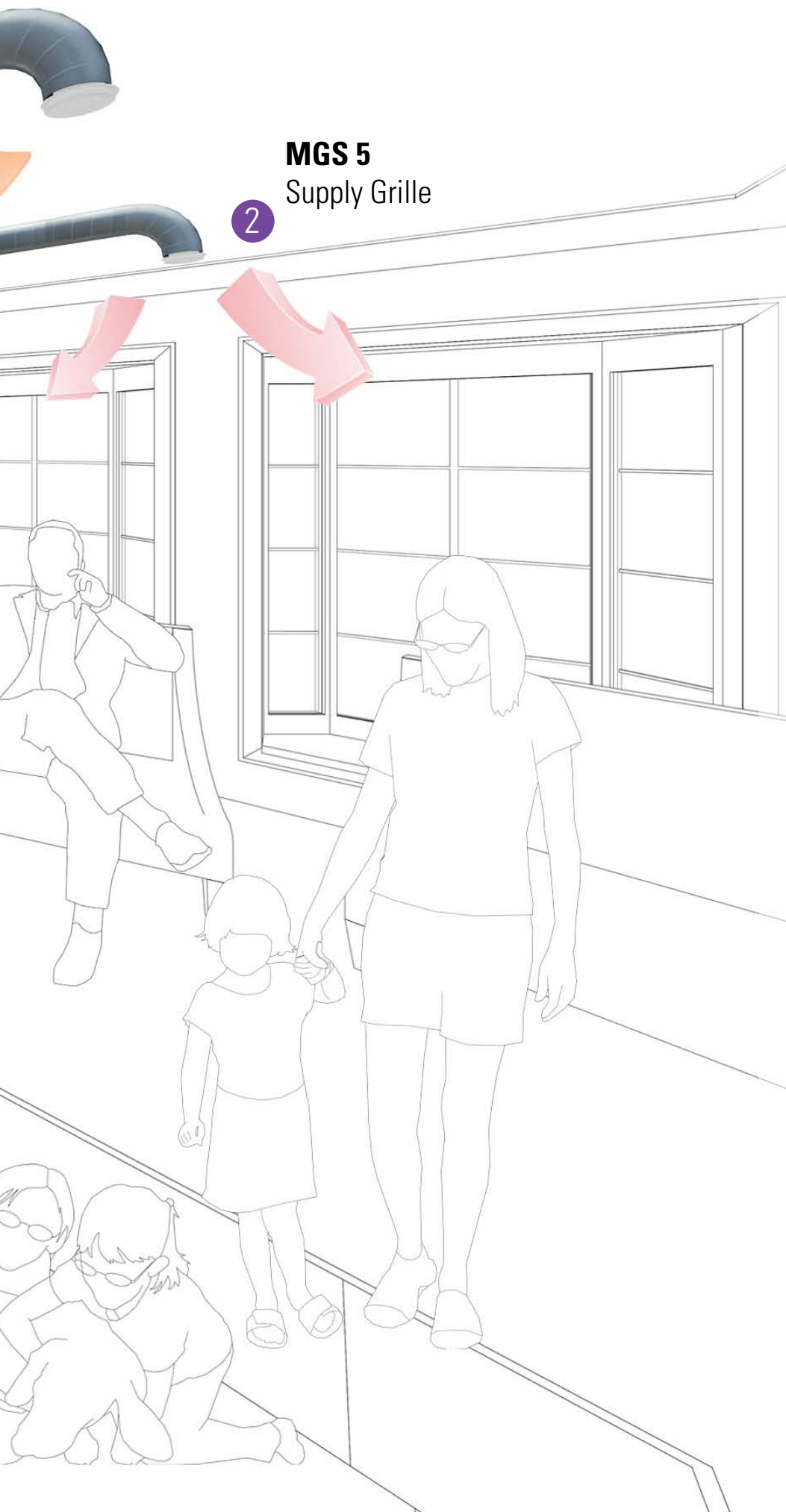
The supply grille is suitable for visible connection and can be connected throughout a transition to the duct using the connection sleeve fitted with a rubber seal tested for air tightness. See page 106.

3. Eco-Touch™ Electronic Programmable Wall Control

Principal ventilation controller for HRV/ERV featuring an attractive, Indigo blue, backlit touchscreen. The intuitive control is easily programmable for automatic (ECO Mode) operation. Manual override is simple for boost ventilation needs. See page 109.

MGS 5 Supply Grille

2



FLEX 100H

Heat Recovery Ventilator



As Fantech's masterpiece of versatility, features and efficiency, the Flex 100H is ideal for high-rise apartment applications, condominiums, single and multi family homes. With its compact top port design featuring 5 inch oval collars and the included EZ-Mount™ wall bracket, the Flex 100H can be installed in spaces as small as 24 inches, such as a closet or maintenance room.

Unlike traditional HRVs that require excessive power to meet supplemental ventilation needs, the compact, yet powerful Flex 100H allows for sizing based entirely on principal ventilation requirements. With its exclusive TurboTouch™ feature, the Flex 100H can deliver up to 50% more exhaust capacity to easily meet supplemental ventilation needs whenever additional airflow is required.



- Airflow up to 105 cfm serves 1 to 7 bedroom homes
- Top-mounted ports for easier duct connectivity
- Unobstructed front access
- The TurboTouch feature delivers up to 50% more exhaust capacity
- Aluminum core provides superior heat transfer capability
- Integrated airflow measurement system allows for rapid and accurate reading of airflow during installation

Maximum continuous airflow

cfm	in.wg	0.1" P _s	0.2" P _s	0.3" P _s	0.4" P _s	0.5" P _s	0.6" P _s	0.7" P _s	0.8" P _s
Net supply air flow		146	129	116	105	96	88	80	73
Gross supply air flow		148	132	118	107	97	89	82	74
Gross exhaust airflow		148	133	120	107	95	84	73	63

Energy performance

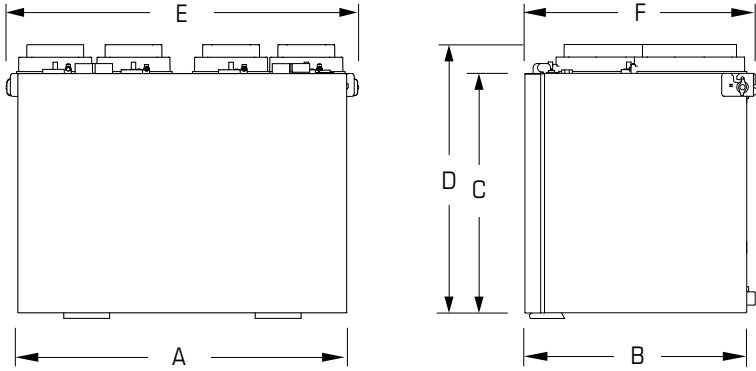
Heating	Supply temperature	Net airflow	Consumed power	Sensible recovery efficiency	Apparent sensible effectiveness	Latent recovery/moisture transfer
	°F	cfm	W	%	%	-
	32	52	56	70	80	-0.08
	32	69	56	67	75	-0.06
	32	99	102	64	73	-0.04
	-13	72	98	66	78	0.00

Specification data

Model	Duct size	Voltage / phase	Rated power	Max amps	Average airflow @ 0.4" P _s	Connection	Defrost cycle	Shipping weight	UPC #
	inch	V / ~	W	A	cfm			lbs	
Flex 100H*	5	120 / 1	168	1.4	105	Top	Recirculation	46	44001 5

* This product earned the ENERGY STAR® by meeting strict efficiency guidelines set by Natural Resources Canada and the US EPA. It meets ENERGY STAR® requirements only when used in Canada.

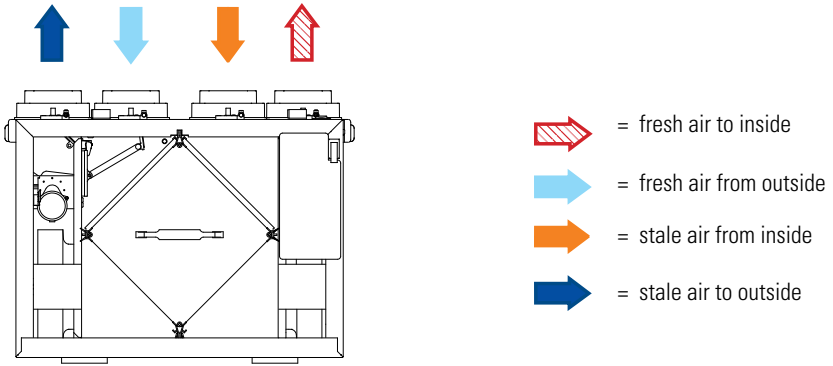
Dimensions



Model	A	B	C	D	E	F
Flex 100H	21 1/2	14 1/2	15 5/8	17 8/9	22 1/2	15

Dimensional information is in inches. Clearance of 12" in front of the unit is recommended for removal of core.

Operation diagram



Specifications

- Model: FLEX 100H
- Total assembled weight: 46 lbs
- Mounting: Wall bracket included as standard
- Motors: Permanently sealed motors, backward curved blades
- Supply & Exhaust ducts: 5" oval
- Insulated with high density polystyrene foam
- Core: Aluminum, 8.5" x 8.5" x 12"
- Filters: 2 washable electrostatic filters 8.5" x 12.5" x 0.125"
- Cabinet: 24 ga. steel w/powder coat finish

Accessories



Eco-Touch™
Wall Control
page 109



RTS 5
Electronic Timer
page 109



EDF 1R
Electronic Control
page 109



MDEH
Dehumidistat
page 109



COM
Plastic Hood
page 110



MGS
Supply Grille
page 106



MGE
Exhaust Grille
page 107



FIDT
Insulated Flex Duct
page 111



FLEX 100H-Kit
Heat Recovery Ventilator and Wall Control panel

SOME THINGS JUST GO TOGETHER

We believe extra functionality shouldn't cost more. That's why we designed the Flex 100H Heat Recovery Ventilator. With its exclusive TurboTouch™ feature, the ventilator can deliver up to 50% more exhaust capacity to easily meet supplemental ventilation needs whenever additional airflow is required. Along with the Eco-Touch wall control panel it delivers an unbeatable combination of improved air quality, energy savings and reliable performance year after year. **Ask for FLEX 100H-K.**

SE 704N

Energy Recovery Ventilator

Fantech's smallest and most compact side duct connection ERV, the SE 704N unit brings a continuous supply of fresh air into a home while exhausting an equal amount of contaminated air. The enthalpic core at the center of the unit transfers heat and moisture from the incoming air to the outgoing that was cooled and dried by the building's air conditioner.

When it is warm and humid outside and the indoors are cooled and dehumidified already, the ERV pre-cools the fresh incoming air and transfers a portion of the incoming humidity into the exhaust air, reducing the ventilation load. Reduces the load on a home's air conditioner, compared to other ventilation methods, to save on cooling costs. This unit is designed for warmer, humid climates with longer cooling seasons.

Core, filters and motors can be easily accessed through latched door. Core conveniently slides out on easy glide core guides. Ten inches of clearance is recommended for removal of core.



- Airflow up to 67 cfm @ 0.3" P_s serves 1-2 bedroom homes
- Enthalpy core
- Unit can be installed in any position
- No defrost or drain pan needed
- No balancing required

Maximum continuous airflow

cfm	in.wg	0.2" P _s	0.3" P _s	0.4" P _s	0.5" P _s	0.6" P _s
Net supply air flow		78	67	56	42	-

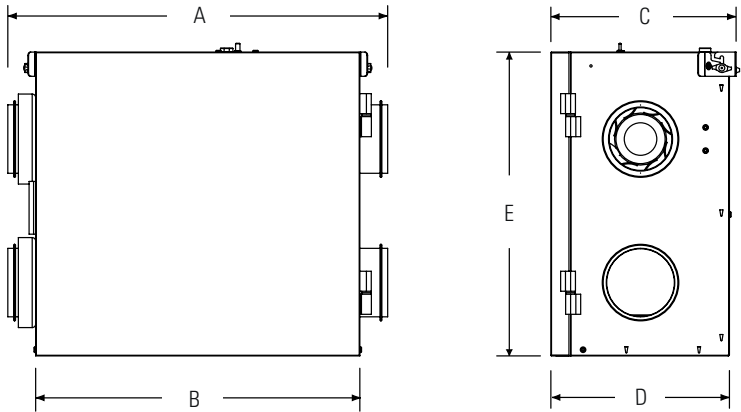
Energy performance

Heating	Supply temperature	Net airflow	Consumed power	Sensible recovery efficiency	Apparent sensible effectiveness	Latent recovery efficiency	Total recovery efficiency
	°F	cfm	W	%	%	%	%
Heating	32	68	40	30	75	39	42
Cooling	95	74	40	33	68	39	58
	95	64	40	39	68	42	39

Specification data

Model	Duct size	Voltage / phase	Average power	Max amps	Average airflow @ 0.4" P _s	Connection	Defrost cycle	Shipping weight	UPC #
	inch	V / ~	W	A	cfm			lbs	
SE704N	4	120 / 1	47	1.4	56	Side	None	25	40357 7

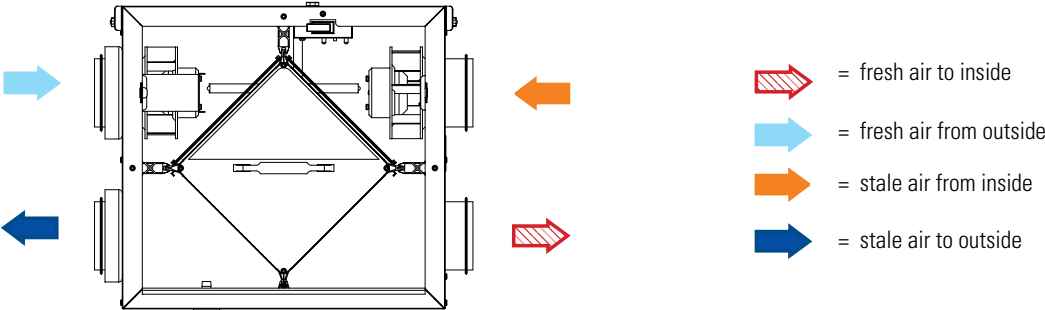
Dimensions



Model	A	B	C	D	E
SE 704N	21 2/3	18 1/2	10 3/8	10 1/2	17 1/2

Dimensional information is in inches. Clearance of 12" in front of the unit is recommended for removal of core.

Operation diagram



Specifications

- Model: SE704N
- Total assembled weight: 25 lbs
- Cabinet: 24 ga. steel w/powder coat finish
- Motors: backward curved blades
- Supply & Exhaust ducts: 4" round
- Mounting: a wall bracket included
- Insulated with 1" aluminum foil-face high density polystyrene foam to prevent condensation and meet the requirements of the UL 94HF.
- Core: Enthalpy, 8.5" x 8.5" x 8"
- Filters: 2 washable filters, 8.5" x 8" x 0.125"

Accessories



FTD 7
7 Day Timer
page 109



FEL
Elbow
page 110



MGS
Supply Grille
page 106



MGE
Exhaust Grille
page 107



COM
Plastic Hood
page 110



FIDT
Insulated Flex Duct
page 111

SER 1504

Energy Recovery Ventilator

Fantech's side port connections ERV house projects, the SER 1504 unit brings a continuous supply of fresh air into a home while exhausting an equal amount of contaminated air. The enthalpic core at the center of the unit transfers heat and moisture from the incoming air to the outgoing that was cooled and dried by the building's air conditioner.

When it is warm and humid outside and the indoors are cooled and dehumidified already, the ERV pre-cools the fresh incoming air and transfers a portion of the incoming humidity into the exhaust air, reducing the ventilation load. Reduces the load on a home's air conditioner, compared to other ventilation methods, to save on cooling costs. This unit is designed for warmer, humid climates with longer cooling seasons.



The unit has a built-in defrost mechanism that activates at 23°F in order to prevent the energy transfer core from freezing.

- Airflow up to 134 cfm @ 0.4" P_s serves 3-5 bedroom homes
- Enthalpy core

Maximum continuous airflow

cfm \ in.wg	0.1" P _s	0.2" P _s	0.3" P _s	0.4" P _s	0.5" P _s	0.6" P _s	0.7" P _s	0.8" P _s	0.9" P _s	1.0" P _s
Net supply air flow	162	152	143	134	127	121	115	108	98	89
Gross supply/exhaust air flow	162	152	143	134	127	121	115	108	98	89

Energy performance

Heating	Supply temperature	Net airflow	Consumed power	Sensible recovery efficiency	Apparent sensible effectiveness	Net recovery/moisture transfer
	°F	cfm	W	%	%	%
Heating	32	64	67	70	82	58
	32	83	91	66	79	56
	32	117	139	61	74	55
Cooling	95	64	66	58 ¹		
	95	117	143	50 ¹		

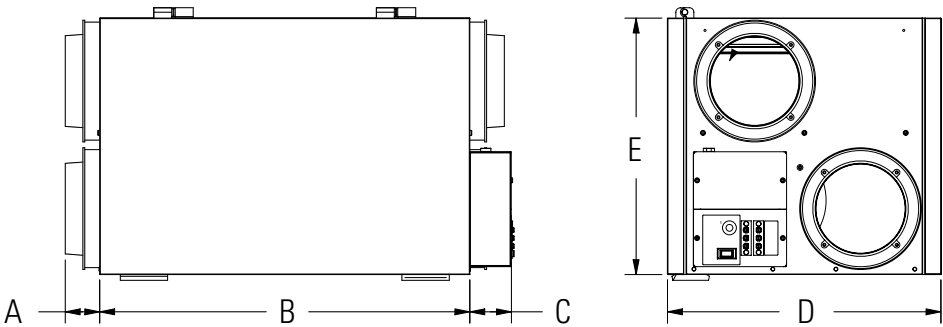
¹ Total recovery efficiency

Specification data

Model	Duct size	Voltage / phase	Rated power	Max amps	Average airflow @ 0.4" P _s	Connection	Defrost cycle	Shipping weight	UPC #
	inch	V / ~	W	A	cfm			lbs	
SER 1504	6	120 / 1	150 ²	1.5	134	Side	Fan shutdown	49	01522 0

² High speed

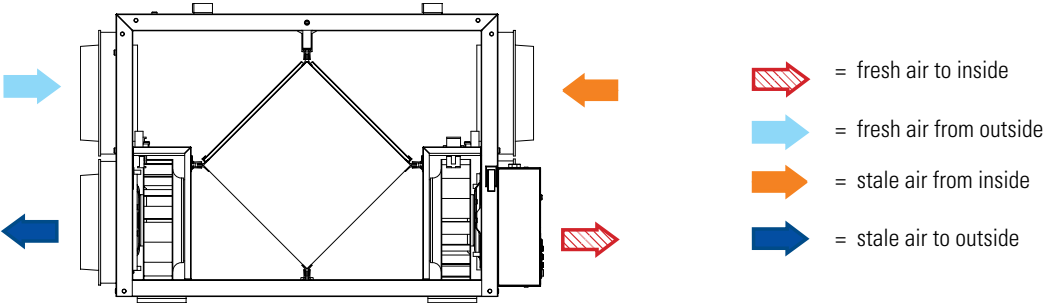
Dimensions



Model	A	B	C	D	E
SER 1504	2 1/4	23 1/2	2 5/8	17 3/8	16 1/8

Dimensional information is in inches. Clearance of 12" in front of the unit is recommended for removal of core.

Operation diagram



Specifications

- Model: SER 1504
- Total assembled weight: 49 lbs
- Cabinet: 24 ga. steel w/powder coat finish
- Motors: backward curved blades
- Supply & Exhaust ducts: 6"
- Mounting: a wall bracket included
- Insulated with 1" aluminum foil-face high density polystyrene foam to prevent condensation and meet the requirements of the UL 94HF.
- Core: Semi-permeable energy recovery, 9" x 9" x 15"
- Filters: 2 washable filters, 8.5" x 15" x 0.125"

Accessories

Eco-Touch™ Wall Control page 109	EDF 1 Electronic Control page 109	RTS 2 Electronic Timer page 109	MGS Supply Grille page 106	MGE Exhaust Grille page 107	COM Plastic Hood page 110	FIDT Insulated Flex Duct page 111

SER 2004

Energy Recovery Ventilator

Fantech's larger residential, full-featured ERV for large house projects, the SER2004 is designed for higher static pressure and higher airflow applications. The SER 2004 unit brings a continuous supply of fresh air into a home while exhausting an equal amount of contaminated air. The enthalpic core at the center of the unit transfers heat and moisture from the incoming air to the outgoing that was cooled and dried by the building's air conditioner.

When it is warm and humid outside and the indoors are cooled and dehumidified already, the ERV pre-cools the fresh incoming air and transfers a portion of the incoming humidity into the exhaust air, reducing the ventilation load. Reduces the load on a home's air conditioner, compared to other ventilation methods, to save on cooling costs. This unit is designed for warmer, humid climates with longer cooling seasons.

The unit has a built-in defrost mechanism that activates at 23°F in order to prevent the energy transfer core from freezing.

- Airflow up to 155 cfm @ 0.4" P_s serves 7 bedroom homes
- Enthalpic core



Maximum continuous airflow

cfm \ in.wg	0.1" P _s	0.2" P _s	0.3" P _s	0.4" P _s	0.5" P _s	0.6" P _s	0.7" P _s	0.8" P _s	0.9" P _s	1.0" P _s
Net supply air flow	186	176	166	155	145	134	123	112	101	90
Gross supply/exhaust air flow	186	176	166	155	145	134	123	112	101	90

Energy performance

Heating	Supply temperature	Net airflow	Consumed power	Sensible recovery efficiency	Apparent sensible effectiveness	Net recovery/moisture transfer
	°F	cfm	W	%	%	%
Heating	32	64	62	81	92	78
	32	117	128	74	86	76
	32	161	194	70	84	71
Cooling	95	64	57		66 ¹	
	95	117	130		60 ¹	

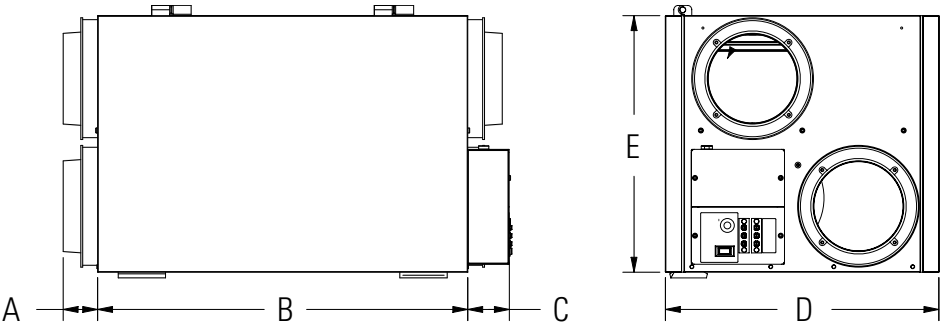
¹ Total recovery efficiency

Specification data

Model	Duct size	Voltage / phase	Rated power	Max amps	Average airflow @ 0.4" P _s	Connection	Defrost cycle	Shipping weight	UPC #
	inch	V / ~	W	A	cfm			lbs	
SER 2004	6	120 / 1	150 ²	1.9	155	Side	Automatic	66	01524 4

² High speed

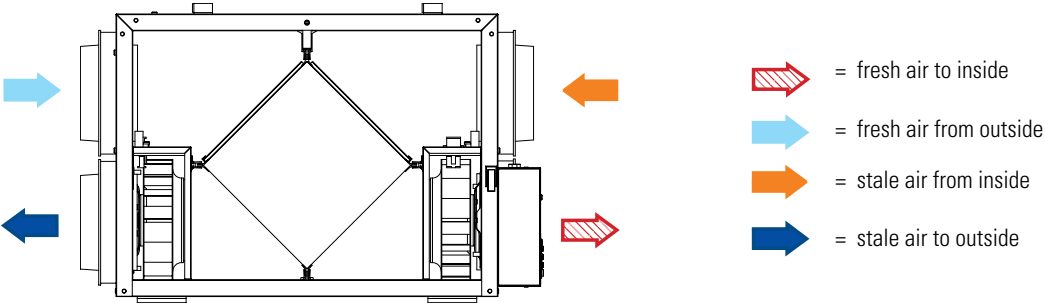
Dimensions



Model	A	B	C	D	E
SER 2004	2 1/4	27 7/8	2 5/8	17 3/8	20 1/2

Dimensional information is in inches. Clearance of 15" in front of the unit is recommended for removal of core.

Operation diagram



Specifications

- Model: SER 2004
- Total assembled weight: 66 lbs
- Cabinet: 22 ga. steel w/powder coat finish
- Motors: backward curved blades
- Supply & Exhaust ducts: 6"
- Mounting: a wall bracket included
- Insulated with 1" aluminum foil-face high density polystyrene foam to prevent condensation and meet the requirements of the UL 94HF.
- Core: Semi-permeable energy recovery, 12" x 12" x 15"
- Filters: 2 washable filters, 11.75" x 15" x 0.125"

Accessories

						
Eco-Touch™ Wall Control page 109	EDF 1 Electronic Control page 109	RTS 2 Electronic Timer page 109	MGS Supply Grille page 106	MGE Exhaust Grille page 107	COM Plastic Hood page 110	FIDT Insulated Flex Duct page 111

SER 3204D

Energy Recovery Ventilator

Suitable for very large residential or small commercial applications, the compact SER 3204D comes with access panels on both side of the unit for installation versatility. The unit brings a continuous supply of fresh air into a home while exhausting an equal amount of contaminated air. The enthalpic core at the center of the unit transfers heat and moisture from the incoming air to the outgoing that was cooled and dried by the building's air conditioner.

When it is warm and humid outside and the indoors are cooled and dehumidified already, the ERV pre-cools the fresh incoming air and transfers a portion of the incoming humidity into the exhaust air, reducing the ventilation load. Reduces the load on a home's air conditioner, compared to other ventilation methods, to save on cooling costs. This unit is designed for warmer, humid climates with longer cooling seasons.

The unit has a built-in defrost mechanism that activates at 23°F in order to prevent the energy transfer core from freezing. They also include a condensate drain pan & spout.



- Airflow up to 231 cfm @ 0.4" P_s serves 7 bedrooms
- Enthalpy core

Maximum continuous airflow

cfm \ in.wg	0.1" P _s	0.2" P _s	0.3" P _s	0.4" P _s	0.5" P _s	0.6" P _s	0.7" P _s	0.8" P _s	1.0" P _s	1.2" P _s	1.4" P _s
Net supply air flow	268	262	246	231	219	204	196	188	163	147	118
Gross supply air flow	277	270	253	238	226	211	202	194	168	151	121
Gross exhaust airflow	294	279	266	247	236	215	213	200	174	151	123

Energy performance

Heating	Supply temperature	Net airflow	Consumed power	Sensible recovery efficiency	Apparent sensible effectiveness	Net recovery/moisture transfer
	°F	cfm	W	%	%	%
Heating	32	64	126	76	91	0.78
	32	117	212	78	92	0.76
Cooling	32	157	262	78	91	0.71
	95	115	206		48 ¹	
	95	159	260		48 ¹	

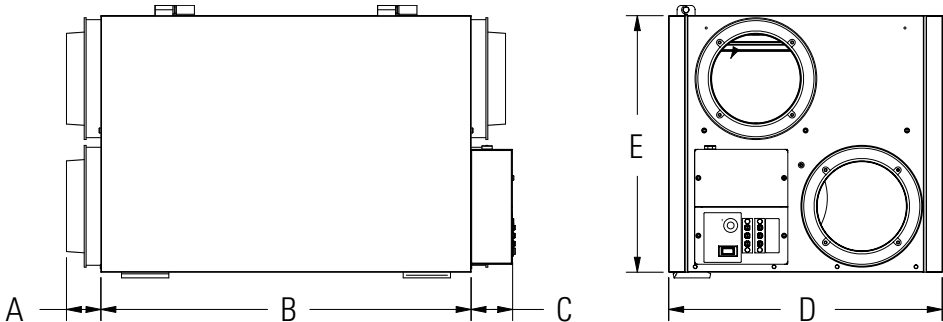
¹ Total recovery efficiency

Specification data

Model	Duct size	Voltage / phase	Rated power	Max amps	Average airflow @ 0.4" P _s	Connection	Defrost cycle	Shipping weight	UPC #
	inch	V / ~	W	A	cfm			lbs	
SER 3204D	8	120 / 1	300 ²	2.5	231	Side	Fan shutdown	80	01534 3

² High speed

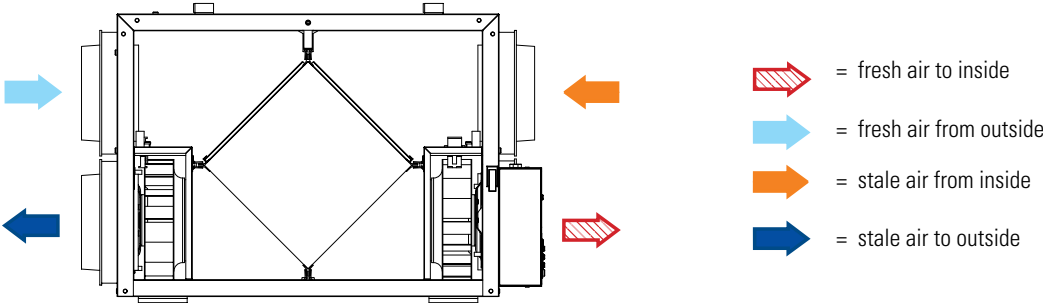
Dimensions



Model	A	B	C	D	E
SER 3204D	2 1/4	27 7/8	2 5/8	25 1/2	20 1/2

Dimensional information is in inches. Clearance of 12" in front of the unit is recommended for removal of core.

Operation diagram



Specifications

- Model: SER 3204D
- Total assembled weight: 80 lbs
- Cabinet: 22 ga. steel w/powder coat finish
- Motors: backward curved blades
- Supply & Exhaust ducts: 8"
- Mounting: hanging chains and hooks included
- Insulated with 1" aluminum foil-face high density polystyrene foam to prevent condensation and meet the requirements of the UL 94HF.
- Core: two enthalpy cores, 12" x 12" x 11.4"
- Filters: 4 washable filters, 11.75" x 15" x 0.125"

Accessories

				
Eco-Touch™ Wall Control page 109	EDF 1 Electronic Control page 109	MGE Exhaust Grille page 107	MGS Supply Grille page 106	FIDT Insulated Flex Duct page 111

AEV 1000

Air Exchanger



Suitable for temperate climates where balanced ventilation is needed, an Air Exchanger Ventilator (AEV 1000) is designed to provide fresh air into a building while exhausting an equal amount of stale air. During the winter months, the incoming cold fresh air is warmed by mixing it with return air before it is supplied to the home. During summer months when the indoor space is air conditioned, the AEV will help in cooling the incoming fresh air with the stale air that is being exhausted.

The unit runs continuous or on intermittent, giving the homeowner complete control over their air quality. Continuous low speed ventilation is recommended, which will help eliminate carbon dioxide, voc's and other gases as well as freshen up the home. Intermittent high speed ventilation can be obtained through a variety of optional remote controls. Suitable for temperate climate.



- Airflow up to 68 cfm @ 0.2" P_s serves 1-2 bedroom homes
- Washable synthetic filter
- Unit can be installed in any position
- External three position switch (Low/Standby/Medium)

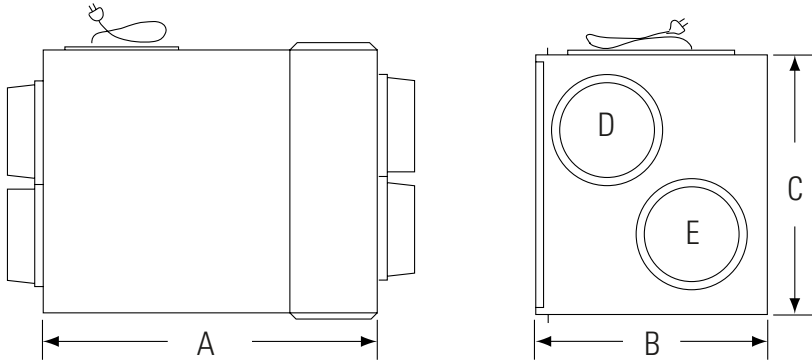
Maximum continuous airflow

cfm \ in.wg	0.05" P _s	0.1" P _s	0.15" P _s	0.2" P _s	0.25" P _s	0.3" P _s
Supply air flow	110	93	80	68	52	35
Exhaust air flow	100	84	70	56	44	29

Specification data

Model	Duct size	Voltage / phase	Rated power	Max amps	Average airflow @ 0.2" P _s	Connection	Defrost cycle	Shipping weight	UPS #
	inch	V / ~	W	A	cfm			lbs	
AEV 1000	5	120 / 1	81	0.7	68	Side	-	25	85400 3

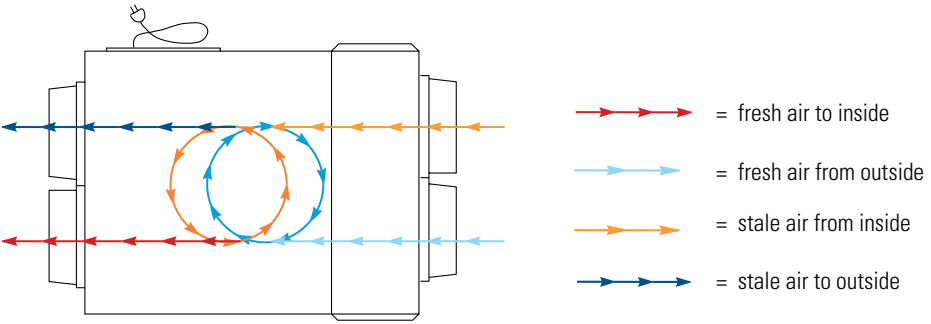
Dimensions



Model	A	B	C	D	E
AEV 1000	18 ³ / ₁₆	12 ¹ / ₂	14	5	5

Dimensional information is in inches.

Operation diagram



Specifications

- Model: AEV 1000
- Total assembled weight: 25 lbs
- Cabinet: 22 ga. steel w/powder coat finish
- Motors: backward curved blades
- Supply & Exhaust ducts: 5"
- Mounting: hanging chains included
- Insulated with 1" aluminum foil-face high density polystyrene foam to prevent condensation and meet the requirements of the UL 94HF
- Filters: 1 washable filters, 11.8" x 12.9" x 0.63"

Accessories



MDEH
Dehumidistat
page 109



RSK *
Backdraft Damper
page 111



DG / DGD
Exhaust Grille
page 107



CG
Contour Grille
page 107



FIDT
Insulated Flex Duct
page 111

* for backdraft prevention

DM/CM Series

High Efficient Whole-House HEPA Filtration

Fantech provides an added solution for better indoor air quality with the Whole House HEPA filtration unit. This small, compact unit installs on the existing ductwork of your furnace/air handler or can be used as an independent system mounted in the attic, crawl space or closet.

It is designed to clean and filter the air in an average 2200 sq. ft. home once an hour. Larger homes will take slightly longer for a complete air change.

Mold spores, pet dander, cooking odors, dust, dust mites and their by-products are all captured in a series of three filters. The prefilter collects the largest particles while the carbon filter absorbs odors. The third filter is a true, certified HEPA filter which collects 99.98% of particles at 0.3 microns.

DM3000P

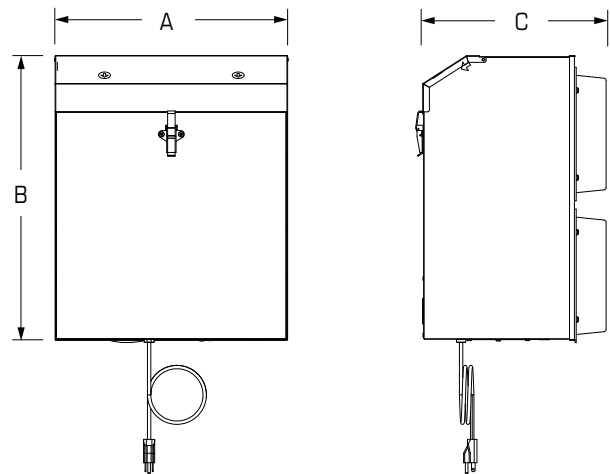
The duct mount model features integrated airflow sensor, switch which energizes the unit any time furnace/air handler operates. Designed with a backplate that allows direct connection of the unit to air handler or furnace.

CM3000

Collar mount model comes with four collars, two pieces of UL Listed 8" flex duct and hanging chains.

CM3000I

Insulated unit is used in unconditioned spaces such as attics and garages. Insulated outer shell prevents condensation problems. Kit includes hanging chains.



Dimensions

Model	A	B	C
DM 3000	16	20	10 1/2
CM 3000	16	20	10 1/2
CM 3000I	17	20 3/5	11 1/5

Dimensional information is in inches.

Specification data

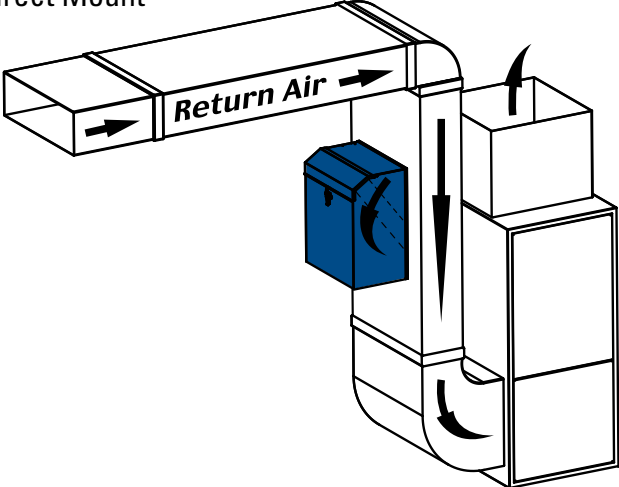
Model	Port (duct) size	Voltage / phase	Rated power	Max amps	Average airflow @ 0.4" P _s	Insulation	Dimensions	Shipping weight	UPC #
	inch	V / ~	W	A	cfm		inch	lbs	
DM 3000P	(2) 5 x 10	120 / 1	150	1.0	240	-	20 x 16 x 10.5	28	47810 0
CM 3000	8	120 / 1	150	1.0	240	-	20 x 16 x 10.5	28	47808 7
CM 3000I	8	120 / 1	150	1.0	240	Yes	20.6 x 17 x 11.2	28	47803 2

Installation

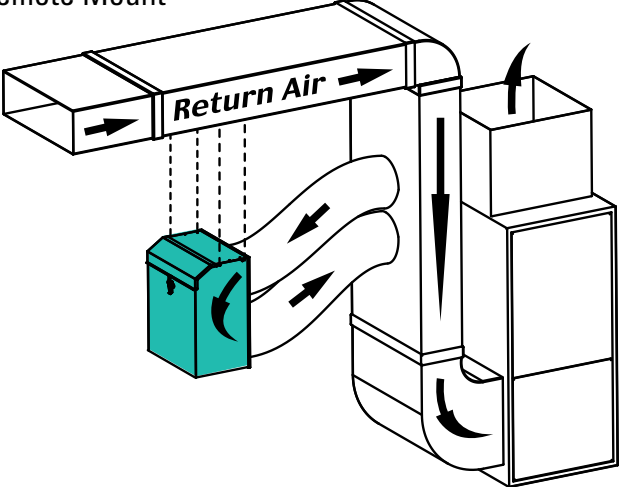
Units easily install horizontally or vertically on the return air side duct of your furnace or air handler. Air is directed through the bypass HEPA which allows the heating/cooling system to easily deliver clean, fresh healthy air throughout

the entire home. They can also be used as independent systems mounted in the attic, crawl space or closet.

Direct Mount

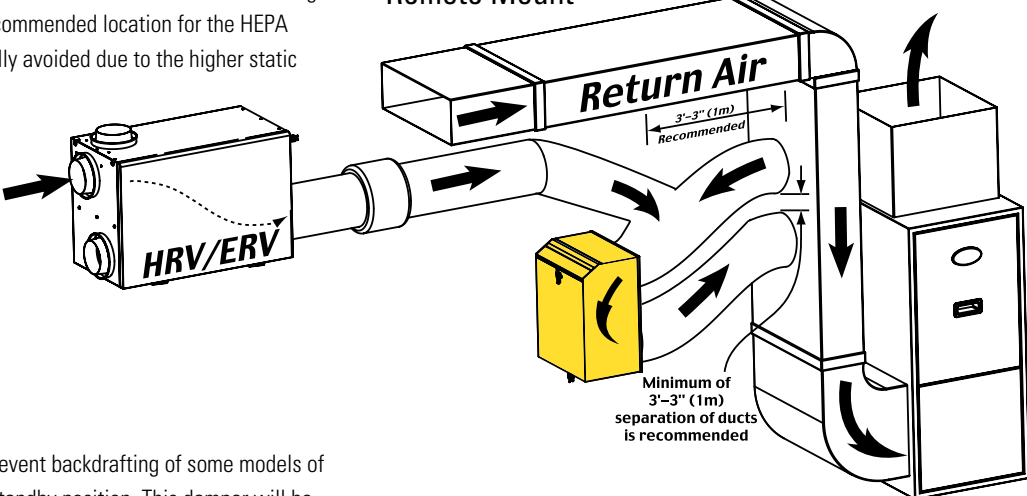


Remote Mount



Furnace fan should operate continuous or when HEPA unit is on and running. The return side of the furnace is the recommended location for the HEPA to connect to. The supply side is normally avoided due to the higher static pressure.

Remote Mount



A power damper is recommended to prevent backdrafting of some models of air to air changers, when in the off or standby position. This damper will be installed between the HRV/ERV and the HEPA unit.

NOTE: Models SHR/SER 1505R, 2005R & 3005R have an automatic backdraft damper build in that activates when units are in standby position and do not need this additional damper.

Accessories



RPFH 1315
Replacement Filter*
page 113



RHF 16
Replacement HEPA
page 113

* Replacement filters also available in bulk packs of 24 pieces for RPFH (RPFH1315B) and 12 pack RHF (RHF16B)

FB Series

Inline Filter Box with MERV 13 Filter

Building sciences research has shown that highly efficient filtration of the outside air before it is delivered to the home is one of the best ways to reduce the level of particles suspended in your home's air. The FB6 unit features 80-90% efficiency filter, designed to meet the air filtration efficiency criteria required to gain points toward certification in the Leadership in Energy and Environmental Design (LEEDs) Green Building rating system.

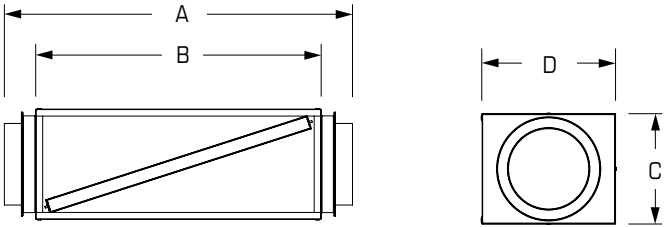
- MERV13 filter
- Used for airflows up to 176 cfm
- 6 inches diameter plastic duct connections
- Beige powder coated
- Neoprene door seal
- Access door removed with thumb screws



Specification data

Model	Port (duct) size	Filter type	Rate	Average airflow @	Insulation type	Shipping weight	UPC #
	inch			0.2" P _s		lbs	
FB 6	6	Pleated	MERV 13	176 cfm	-	10	40304 1

Dimensions



Model	A	B	C	D
FB 6	20.5	19.5	8	10

Dimensional information is in inches.

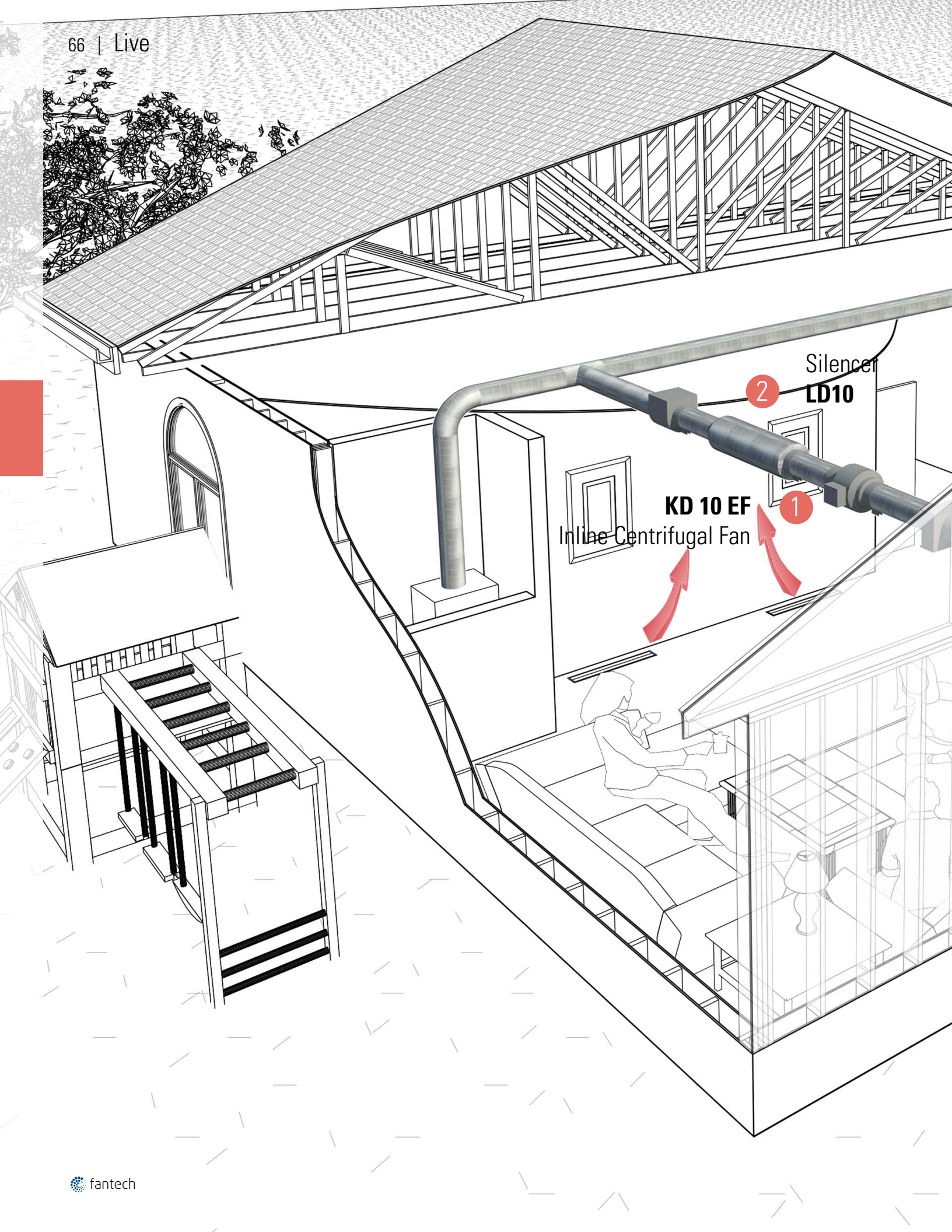
Accessories



FBRF 6
Replacement Filter
page 113

**What goes out,
must come in
– so says the
building code.**





Silencer
LD10

2

KD 10 EF
Inline Centrifugal Fan

1

Makeup air

making your kitchen a dream

Every time an exhaust fan removes air from your home an equal volume of air must enter, this is called makeup air. Homes today are built to tighter standards resisting infiltration from outside air. With little to no leakage in the building envelope, where does a powerful range hood get its makeup air? If the home does not have enough random air leaks around the windows and doors, the makeup air is often pulled backwards from the chimney or water heater flue, this is called backdrafting. Since flue gasses from some combustion appliance can include carbon monoxide, backdrafting is dangerous and in some cases can be life threatening.

Your makeup air solution should be simple, yet effective. The Fantech makeup air system, along with a kitchen exhaust solution, will be quiet, comfortable and reliable. Under ideal conditions, even while preparing the largest and most demanding meals, your kitchen remains ventilated, without pulling in air from every crack and crevice in your home. At Fantech, we hope that you don't have to think about our products, because once they're installed, they simply work - leaving you to enjoy the truly important things in your home.

1. KD 10 EF Inline Centrifugal Fan

120V, 836 cfm @ 0.25 P_s, 329W, max P_s = 2.6"

2. LD 10 Silencer

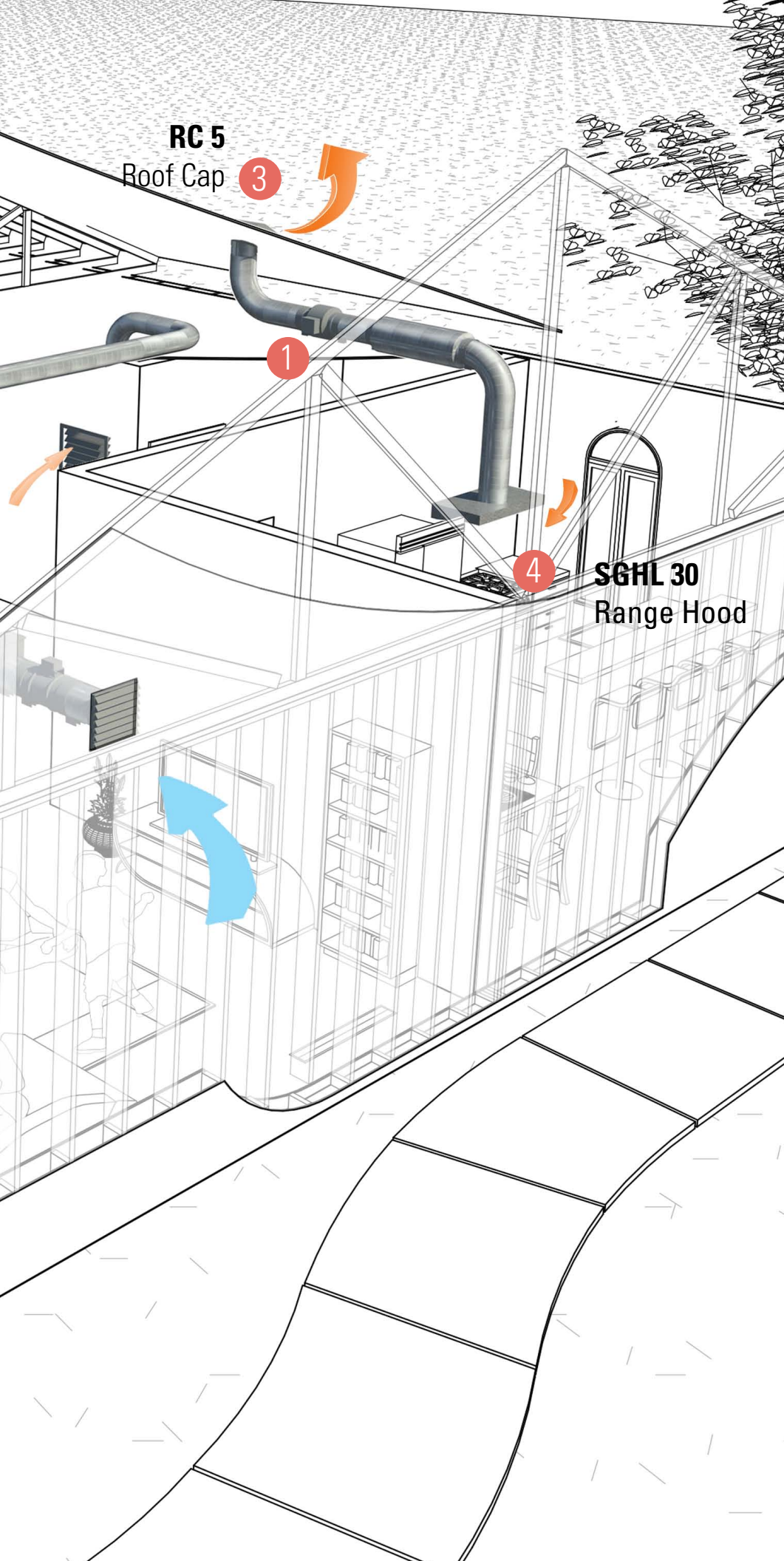
Easily-fitted silencer for circular ducts. Page 111.

3. RC 5 Roof Cap

Galvanized steel roof caps with damper flap closure and bird screen. See page 111.

4. SGHL 30 Range Hood Liner

SHHL Series range hood liners are galvanized. They feature built-in infinite speed control for the fan, washable filters and lights. See page 113.



FR Series

Inline Centrifugal Fans



Fantech's versatile FR Series Inline Fans provide the ideal answer for a variety of air movement problems in residential and commercial applications. The fans feature a fully sealed plastic housing constructed of UV protected thermoplastic resin. This tough protective shell allows the fan to be mounted in outdoor and wet locations. FR fans feature external rotor motors that have proven dependable year after year.

FR fans can be used for multiple point exhaust applications, crawl space venting or make-up air supply. They are also widely used as booster fans to move air from one room or area to another.

- Airflow up to 650 cfm
- Speed-controllable
- Prewired and supplied with a mounting bracket
- Can be installed in any orientation
- Approved for residential and commercial applications and for wet locations
- Air stream temperatures up to 140 °F



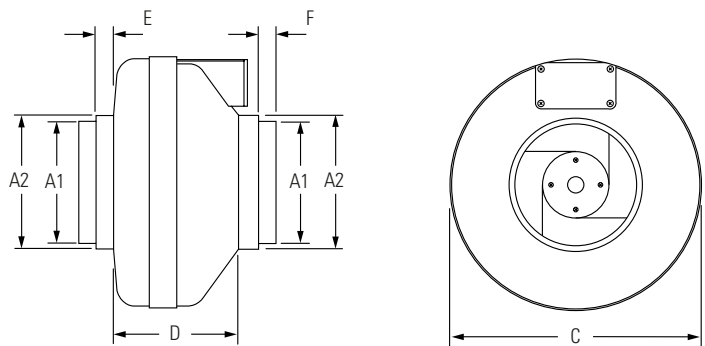
Specification data

Model*	Duct size	Rated power	Voltage / phase	Max. amps	0.0" P _s	0.2" P _s	0.4" P _s	0.6" P _s	0.8" P _s	1.0" P _s	1.5" P _s	Max P _s	Shipping weight	UPC #
	inch	W	V / ~	A	cfm							in.wg	lbs	
FR 100	4	19	120 / 1	0.18	122	100	78	55	15	-	-	0.87	6	01100 0
FR 110	4	80	120 / 1	0.72	167	150	133	113	88	63	4	1.60	7	01110 9
FR 125	5	18	120 / 1	0.18	148	120	88	47	-	-	-	0.79	6	01125 3
FR 140	6	61	120 / 1	0.53	214	190	162	132	99	46	-	1.15	8	01140 6
FR 150	6	71	120 / 1	0.67	263	230	198	167	136	106	17	1.58	8	01150 5
FR 160	6	129	120 / 1	1.14	289	260	233	206	179	154	89	2.32	8	01160 4
FR 200	8	122	120 / 1	1.11	408	360	308	259	213	173	72	2.14	10	01200 7
FR 225	8	137	120 / 1	1.35	429	400	366	332	297	260	168	2.48	11	01225 0
FR 250	10	241	120 / 1	2.40	649	600	553	506	454	403	294	2.58	13	01250 2

Performance shown is for installation type D - Ducted inlet, Ducted outlet. Performance is based on actual speed of test. Performance ratings do not include the effects of appurtenances in the airstream.

*This product earned the ENERGY STAR® by meeting strict efficiency guidelines. All models meets ENERGY STAR® requirements except FR 110, FR 160 and FR 250.

Dimensions



Model	A1	A2	C	D	E	F
FR 100	4	5	9 1/2	6 1/8	7/8	7/8
FR 110	4	5	9 1/2	6 1/8	7/8	7/8
FR 125	-	5	9 1/2	6 1/8	7/8	-
FR 140	6	6 1/4	11 3/4	5 7/8	1	7/8
FR 150	6	6 1/4	11 3/4	5 7/8	1	7/8
FR 160	6	6 1/4	11 3/4	5 7/8	1	7/8
FR 200	8	10	13 1/4	6 1/4	1 1/2	1 1/2
FR 225	8	10	13 1/4	6 1/4	1 1/2	1 1/2
FR 250	-	10	13 1/4	6 1/4	1 1/2	-

All dimensions are in inches.

Accessories



FC
Mounting Clamps
page 112



LD
Silencer
page 111



RSK
Backdraft Damper
page 111



IR
Iris Damper
page 110



FML
Metal Hood
page 107



WC 15
Speed Control
page 108



SCD
Speed Control
page 108

Good IAQ for your home away from home.



Office building

A breath of fresh air ventilating with an ERV

Fantech understands that keeping your energy costs down is important when running a successful business.

Installing a Fantech Energy Recovery Ventilator can reduce your air conditioning load by up to 20 percent. And, since ERV systems reduce humidity levels, your employees and clients will feel more comfortable.

It is well known that stale air in the workplace reduces employee performance and can lead to possible health issues. Introducing fresh air to the workspace with a Fantech ERV increases employee performance while reducing fatigue and possible health related absences.

All Fantech ERV's are designed to operate in conjunction with the building A/C system or as a standalone unit.

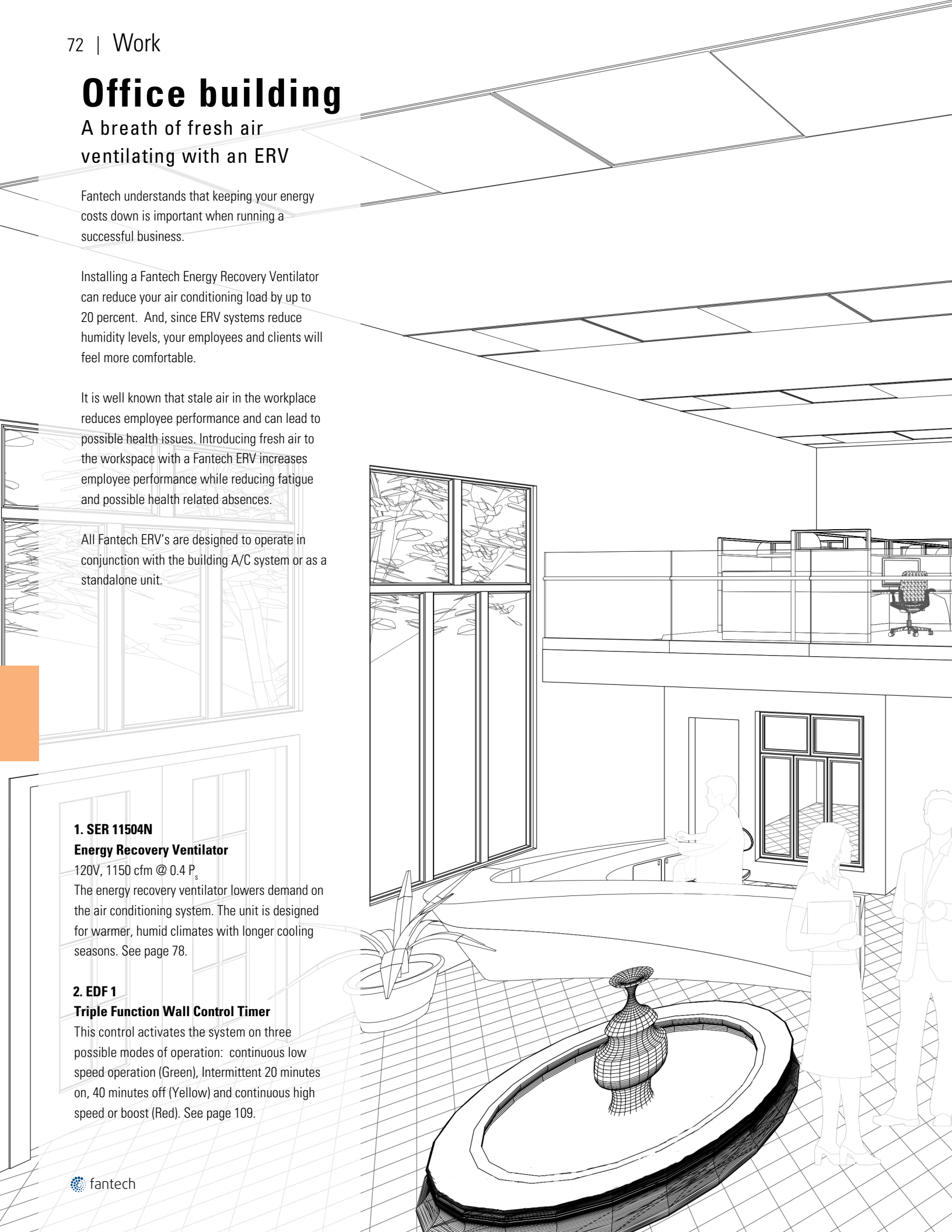
1. SER 11504N Energy Recovery Ventilator

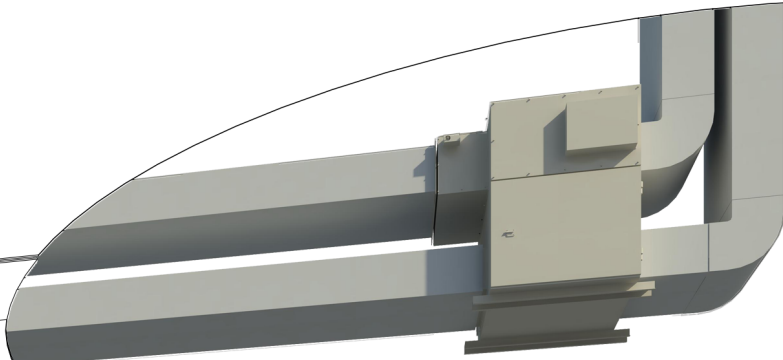
120V, 1150 cfm @ 0.4 P_s

The energy recovery ventilator lowers demand on the air conditioning system. The unit is designed for warmer, humid climates with longer cooling seasons. See page 78.

2. EDF 1 Triple Function Wall Control Timer

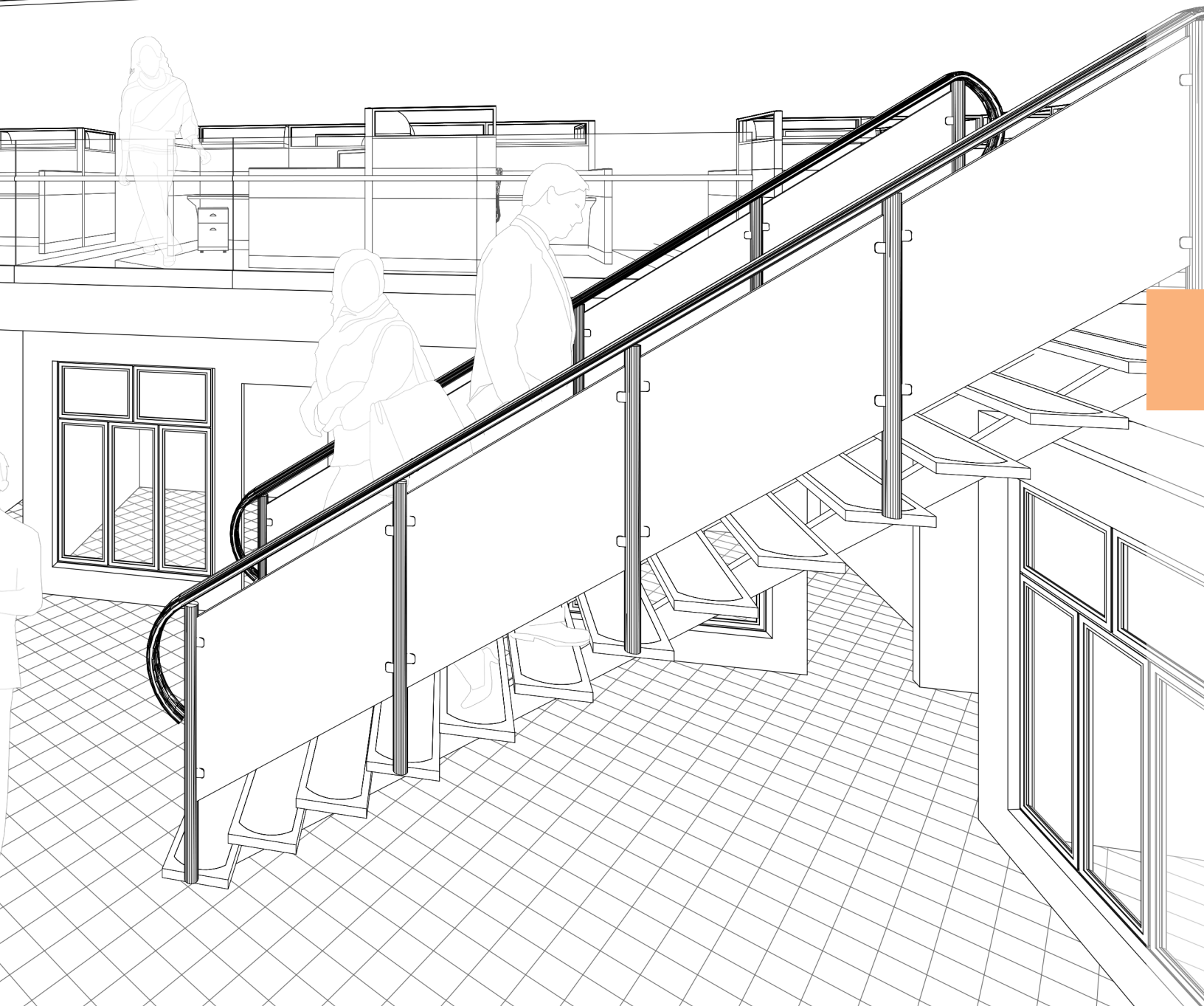
This control activates the system on three possible modes of operation: continuous low speed operation (Green), Intermittent 20 minutes on, 40 minutes off (Yellow) and continuous high speed or boost (Red). See page 109.





1

SER 11504N
Energy Recovery Ventilator



SER 5504N

Light Commercial ERV



The SER Series lowers demand on air conditioning systems. Air supplied from outdoors enters through the energy recovery core where it transfers the heat and moisture the incoming air to the outgoing air that was cooled and dried by the building's air conditioner. The air brought into the working area is cooled and the humidity is reduced for maximum comfort. Reduces the load on an air conditioner to save on cooling costs. This unit is designed for warmer, humid climates with longer cooling seasons.

Applications include classrooms, retail shops, hair salons, bars and restaurants, offices, clinics, and animal shelters, etc.

- Airflow up to 533 cfm @ 0.4" P_s
- Push-pull configuration
- External low voltage contacts
- No defrost
- Dual service doors & reversible electrical box
- External three position switch (Low/Standby/Medium)



Maximum continuous airflow

cfm \ in.wg	0.3" P _s	0.4" P _s	0.5" P _s	0.6" P _s	0.7" P _s	0.8" P _s	0.9" P _s	1.0" P _s	1.1" P _s	1.2" P _s	1.3" P _s	1.4" P _s	1.5" P _s
Supply air flow (high)	559	533	506	480	454	427	401	374	348	322	295	269	243
Exhaust air flow (high)	559	533	506	480	454	427	401	374	348	322	295	269	243

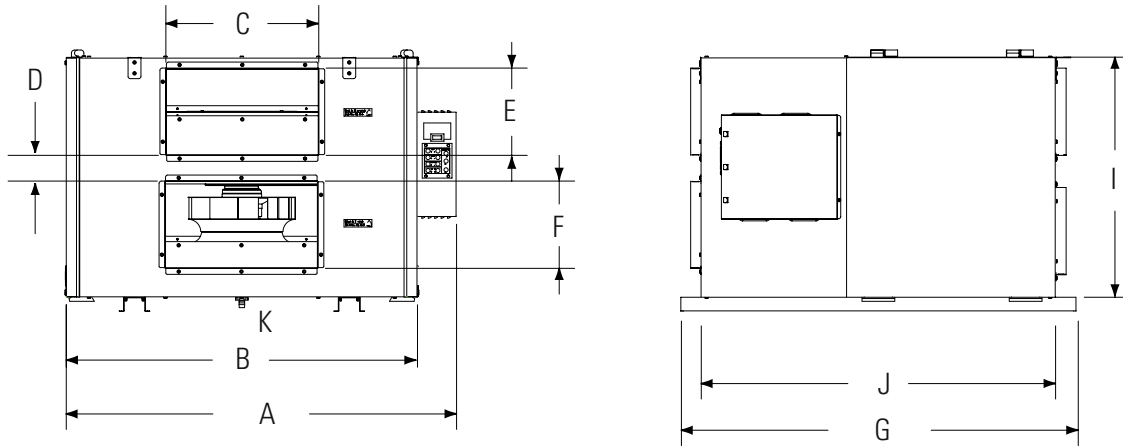
Energy performance

	Supply temperature	Net Airflow	Sensible recovery efficiency	Latent recovery efficiency	Total recovery efficiency
	°F	cfm	%	%	%
Heating	35	560	67	39	57
	35	420	70	46	62
Cooling	95	560	64	28	42
	95	420	67	34	47

Specification data

Model	Voltage / phase	Rated power	Max amps	Average airflow @ 0.4" P _s	Connection	Defrost cycle	Shipping weight	UPC #
	V / ~	W	A	cfm			lbs	
SER 5504N	120 / 1	660	5.5	533	Side	None	169	04471 8

Dimensions

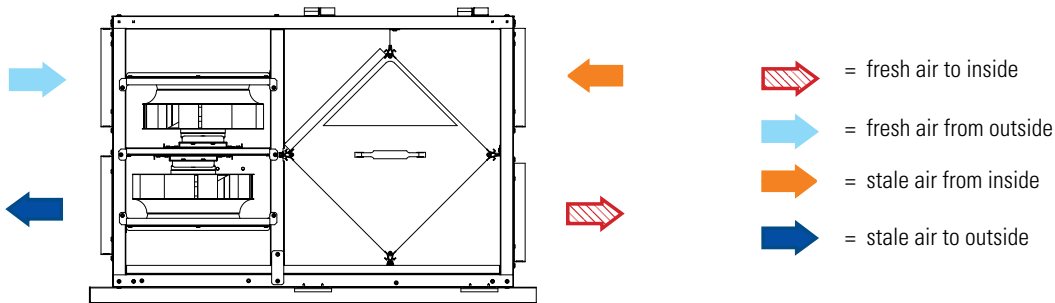


Model	A	B	C	D	E	F	G	J	I
SER 5504N	36 1/3	32 1/5	14	2 2/5	8	8	36 1/3	32 1/2	22

Dimensional information is in inches.

* Electrical box can easily be relocated to the field to either the front or the back of the cabinet, depending on port direction installer chooses.

Operation diagram



Specifications

- Model: SER 5504N
- Total assembled weight: 209 lbs
- Cabinet: 20 ga. steel w/powder coat finish
- Motors: backward curved blades
- Mounting: unit may be suspended by using threaded rod (not supplied) or placed on a platform
- Insulated with 1" aluminum foil-face fiberglass insulation to prevent condensation and meet the requirements of the UL 94HF
- Filters: 4 washable electrostatic filters
- Core: 2 cores each 12" x 12" with a 15" depth

Accessories



Eco-Touch™
Wall Control
page 109



EDF 1
Electronic Control
page 109



RTS 2
Electronic Timer
page 109



RTS 3
Electronic Timer
page 109



MGE
Exhaust Grille
page 107



MGS
Supply Grille
page 106



IR
Iris Damper
page 110

SER 8504N

Light Commercial ERV



The SER Series lowers demand on air conditioning systems. Air supplied from outdoors enters through the energy recovery core where it transfers the heat and moisture the incoming air to the outgoing air that was cooled and dried by the building's air conditioner. The air brought into the working area is cooled and the humidity is reduced for maximum comfort. Reduces the load on an air conditioner to save on cooling costs. This unit is designed for warmer, humid climates with longer cooling seasons.

Applications include classrooms, retail shops, hair salons, bars and restaurants, offices, clinics, and animal shelters, etc.

- Airflow up to 900 cfm @ 0.4" P_s
- Push-pull configuration
- External low voltage contacts
- No defrost
- Dual service doors & reversible electrical box
- External three position switch (Low/Standby/Medium)



Maximum continuous airflow

cfm \ in.wg	0.4" P _s	0.5" P _s	0.6" P _s	0.7" P _s	0.8" P _s	0.9" P _s	1.0" P _s	1.1" P _s	1.2" P _s	1.3" P _s	1.4" P _s	1.5" P _s	1.6" P _s
Supply air flow (high)	900	860	821	781	741	702	662	622	583	543	503	464	424
Exhaust air flow (high)	900	860	821	781	741	702	662	622	583	543	503	464	424

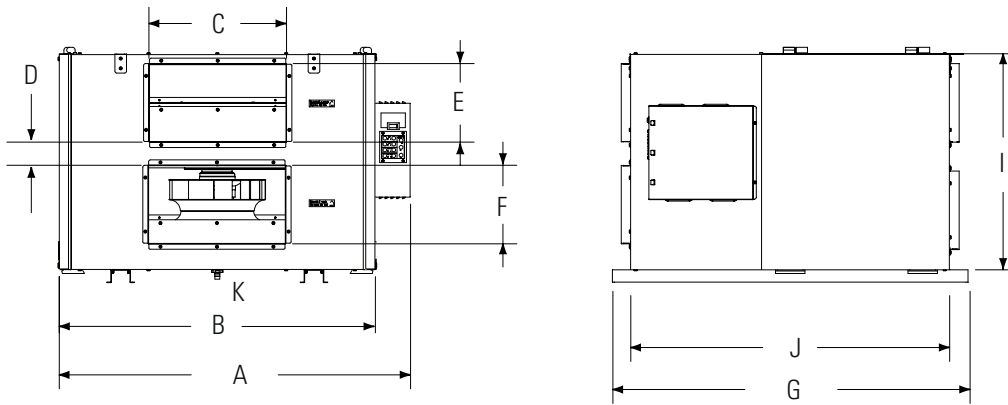
Energy performance

	Supply temperature	Net Airflow	Sensible recovery efficiency	Latent recovery efficiency	Total recovery efficiency
	°F	cfm	%	%	%
Heating	35	560	67	39	57
	35	420	70	46	62
Cooling	95	560	64	28	42
	95	420	67	34	47

Specification data

Model	Voltage / phase	Rated power	Max amps	Average airflow @ 0.4" P _s	Connection	Defrost cycle	Shipping weight	UPC #
	V / ~	W	A	cfm			lbs	
SER 8504N	120	1320	11.0	900	Side	None	256	04481 7

Dimensions

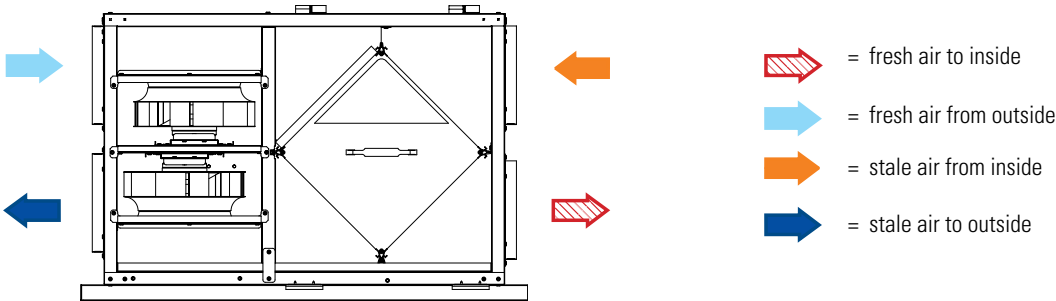


Model	A	B	C	D	E	F	G	J	I
SER 8504N	51 2/5	47 1/5	20	2 2/5	8	8	36 1/3	32 1/2	22

Dimensional information is in inches.

* Electrical box can easily be relocated to the field to either the front or the back of the cabinet, depending on port direction installer chooses.

Operation diagram



Specifications

- Model: SER 8504N
- Total assembled weight: 216 lbs
- Cabinet: 20 ga. steel w/powder coat finish
- Motors: backward curved blades
- Mounting: unit may be suspended by using threaded rod (not supplied) or placed on a platform
- Insulated with 1" aluminum foil-face fiberglass insulation to prevent condensation and meet the requirements of the UL 94HF.
- Filters: 6 washable electrostatic filters
- Core: 3 cores each 12" x 12" with a 15" depth

Accessories



Eco-Touch™
Wall Control
page 109



EDF 1
Electronic Control
page 109



RTS 2
Electronic Timer
page 109



RTS 3
Electronic Timer
page 109



MGE
Exhaust Grille
page 107



MGS
Supply Grille
page 106



IR
Iris Damper
page 110

SER 11504N

Light Commercial ERV



The SER Series lowers demand on air conditioning systems. Air supplied from outdoors enters through the energy recovery core where it transfers the heat and moisture the incoming air to the outgoing air that was cooled and dried by the building's air conditioner. The air brought into the working area is cooled and the humidity is reduced for maximum comfort. Reduces the load on an air conditioner to save on cooling costs. This unit is designed for warmer, humid climates with longer cooling seasons.

Applications include classrooms, retail shops, hair salons, bars and restaurants, offices, clinics, and animal shelters, etc.

- Airflow up to 1132 cfm @ 0.4" P_s
- Push-push configuration
- External low voltage contacts
- No defrost
- Dual service doors & reversible electrical box
- External three position switch (Low/Standby/Medium)



Maximum continuous airflow

cfm \ in.wg	0.3" P _s	0.4" P _s	0.5" P _s	0.6" P _s	0.7" P _s	0.8" P _s	0.9" P _s	1.0" P _s	1.1" P _s	1.2" P _s	1.3" P _s	1.4" P _s	1.5" P _s
Supply air flow (high)	1176	1132	1088	1045	1001	958	914	870	827	783	739	696	652
Exhaust air flow (high)	1176	1132	1088	1045	1001	958	914	870	827	783	739	696	652

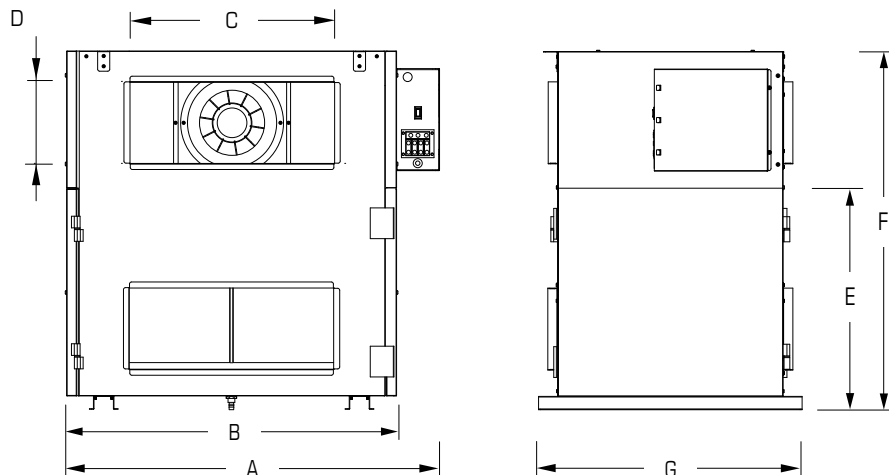
Energy performance

	Supply temperature	Net Airflow	Sensible recovery efficiency	Latent recovery efficiency	Total recovery efficiency
	°F	cfm	%	%	%
Heating	35	1050	61	31	51
	35	788	68	41	55
Cooling	95	1050	58	24	37
	95	788	64	30	43

Specification data

Model	Voltage / phase	Rated power	Max amps	Average airflow @ 0.4" P _s	Connection	Defrost cycle	Shipping weight	UPC #
	V / ~	W	A	cfm			lbs	
SER 11504N	120	1272	10.6	1132	Side	None	256	04501 2

Dimensions

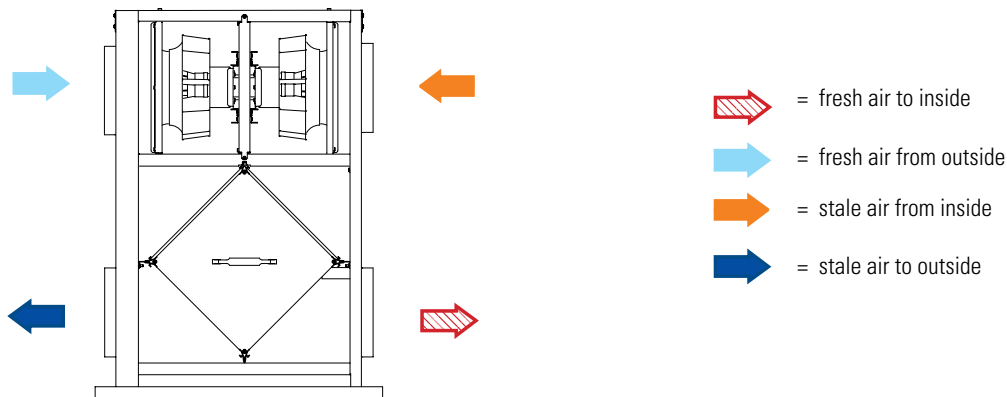


Model	A	B	C	D	E	F	G
SER 11504N	51 2/5	47 1/5	24	8	22	35	25 7/9

Dimensional information is in inches.

* Electrical box can easily be relocated to the field to either the front or the back of the cabinet, depending on port direction installer chooses.

Operation diagram



Specifications

- Model: SER 11504N
- Total assembled weight: 216 lbs
- Cabinet: 20 ga. steel w/powder coat finish
- Motors: backward curved blades
- Mounting: unit may be suspended by using threaded rod (not supplied) or placed on a platform
- Insulated with 1" aluminum foil-face fiberglass insulation to prevent condensation and meet the requirements of the UL 94HF
- Filters: 6 washable electrostatic filters
- Core: 3 cores each 12" x 12" with a 15" depth

Accessories



Eco-Touch™
Wall Control
page 109



EDF 1
Electronic Control
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RTS 2
Electronic Timer
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RTS 3
Electronic Timer
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MGE
Exhaust Grille
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MGS
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IR
Iris Damper
page 110

MILLIONS OF AGING ROOF FANS

Existing buildings across the US have one thing in common... aging and failing equipment, which include millions of Powered Roof Ventilators (PRVs).

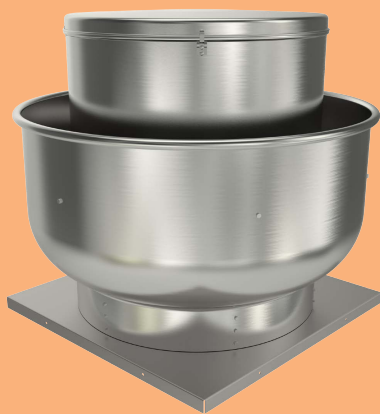
Fantech offers you the most versatile PRV product offering, proving once again, whatever the need, we have you covered.

WILL NEED TO BE REPLACED

Downblast Roof Ventilator
5BDD 15DB-A



Upblast Roof Ventilator
5BDU 13DB-A



Contact your local Fantech Distributor for details.

5BDD Series

Belt Drive Downblast Roof Ventilators



Fantech, Inc. certifies that the Belt-Drive Downblast Centrifugal Roof Ventilators shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Roof mounted belt drive downblast ventilators are designed to exhaust air out of commercial and industrial buildings. These models are for roof mounting only. Motor and wheel are easily detachable without removing ventilator from curb. Permanently lubricated ball bearings (5BDD10 - 5BDD13) and regreasable pillow block bearings (5BDD15 - 5BDD24).

Welded curb cap corners eliminate water entry into ducts or building. Ball bearing motors and variable pitch drives are packed separately when ordered with ventilators.



- All ventilators are UL 705 Standard listed
- Durable spun aluminum construction with steel support braces
- Inlet temperatures up to 170°F
- Backward inclined aluminum fan wheel
- Equipped with a built-in bird screen to protect discharge
- Externally cooled motor compartment

Specification data

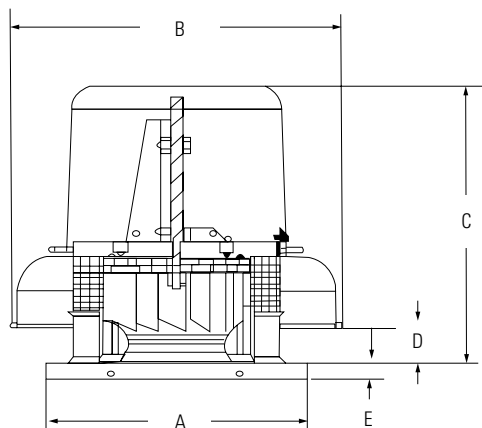
Model	Rated power	Voltage	RPM	0.0" P _s	0.25" P _s	0.375" P _s	0.50" P _s	0.625" P _s	0.75" P _s	0.875" P _s	1.0" P _s	Shipping weight	UPC #
	HP	V / ~	min ⁻¹	cfm								lbs	
				Sones [†] BHP [‡]									
5BDD 10BB-A	1/4	120/230	1819	1197	1104	1055	1004	950	884	881	723	107	47253 5
				14.2 0.22	14.3 0.23	13.9 0.24	13.4 0.24	13.4 0.25	12.7 0.25	12.3 0.25	12.1 0.25		
5BDD 12CB-A	1/3	120/230	1566	1611	1481	1414	1339	1260	1169	1074	966	120	47255 9
				13.1 0.29	12.7 0.31	12.7 0.32	12.3 0.32	11.7 0.33	11.0 0.33	10.8 0.33	10.3 0.33		
5BDD 13DB-A	1/2	120/230	1528	2106	1969	1901	1820	1735	1645	1548	1446	132	47256 6
				18.5 0.41	16.8 0.44	15.9 0.45	14.9 0.46	14.7 0.47	14.2 0.47	13.6 0.48	13.3 0.48		
5BDD 15DB-A	1/2	120/230	1301	2587	2402	2308	2190	2072	1939	1804	1633	144	47258 0
				15.4 0.44	15.0 0.48	15.0 0.48	14.0 0.49	14.2 0.50	14.0 0.50	13.2 0.50	13.0 0.49		
5BDD 16EB-A	3/4	120/208-230	1261	3235	3036	2936	2817	2698	2579	2425	2269	159	47265 8
				17.9 0.63	16.8 0.67	16.3 0.68	16.3 0.70	15.4 0.71	15.2 0.72	14.5 0.72	14.5 0.72		
5BDD 18FB-A	1	120/208-230	1169	4324	4075	3951	3815	3667	3520	3354	3179	197	47270 2
				17.5 0.86	16.7 0.91	16.5 0.93	15.9 0.96	15.5 0.97	15.4 0.99	14.7 0.99	14.5 1.00		
5BDD 20GB-A	1-1/2	120/208-230	1154	5506	5222	5080	4938	4787	4636	4484	4308	228	47276 4
				23 1.27	22 1.35	21 1.38	20 1.41	19.7 1.44	19.5 1.46	18.6 1.48	18.5 1.50		
5BDD 24GB-A	1-1/2	120/208-230	832	7121	6659	6429	6148	5868	5554	5212	4823	248	47280 1
				19.8 1.35	19.6 1.43	19.0 1.46	18.8 1.49	18.7 1.51	18.4 1.52	18.1 1.52	17.8 1.51		
5BDD 24HX-A (*)	2	208-230/460	916	7839	7421	7209	6984	6730	6476	6199	5889	255	47282 5
				22 1.80	22 1.89	22 1.93	22 1.97	21 2.00	21 2.02	21 2.03			

Performance certified for installation type A: free inlet, free outlet. Performance rating includes the effect of bird screen.

[‡] Power rating (BHP) does not include transmission losses.

[†] The sound ratings shown are loudness values in fan sones at 5 ft. (1.5m) in a hemispherical free field calculated per AMCA standard 301. Values shown are for installation type A, free inlet hemispherical sone levels.
(*) - 3 phase motor

Dimensions



Model	A	B	C	D	E
5BDD 10BB-A	19	25 3/4	22 7/8	3	1 1/2
5BDD 12CB-A	22	28	23 3/8	3	1 1/2
5BDD 13DB-A	22	29 3/4	24 5/8	3 1/4	1 1/2
5BDD 15DB-A	26	31 11/16	27 3/8	3 3/4	1 1/2
5BDD 16EB-A	26	33 11/16	27 3/4	4 3/16	1 1/2
5BDD 18FB-A	30	36	29 5/8	4 3/4	1 1/2
5BDD 20GB-A	30	38 1/4	30 1/4	5 1/4	1 1/2
5BDD 24GB-A	34	44 1/4	33	6 11/16	1 1/2
5BDD 24HX-A	34	44 1/4	33	6 11/16	1 1/2

Dimensional information is in inches.

Downblast fans with a “-A” designation indicate fans available as fully assembled. For models with a complete range motor and shell configurations, refer to page 84. These fans are shipped unassembled as Shell, Motor, and Drive Pack separately. Shell comes complete with blower wheel, shaft assembly and motor mount installed. Installation of the motor utilizing drive pack components ranges from 5-10 minutes depending on the skill range of the installer.

Accessories



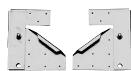
5ACC.. FS
Flat Roof Curb
page 114



5ACC.. FT
Flat Roof Curb
page 114



5ACC.. RD
Wall Damper
page 115



5ACC.. HK
Hinge Kit Adapter
page 114



5ACC.. MS
Motor disconnect
page 108

5BDD Series

Belt Drive Downblast Roof Ventilators



Fantech, Inc. certifies that the Belt-Drive Downblast Centrifugal Roof Ventilators shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

To complete our range of Downblast Roof fans, and allow for maximum quick turn availability, Fantech offers the complete range as 3 easily assembled components. The fans come with a Shell featuring a fully welded curbcap, heavy duty motor supports and machine balanced and mounted blower wheel. Factory pressed bearings complete the shaft and motor mount assembly.

Choosing the right motor is as easy as finding your desired airflow and matching that performance with the corresponding motor size and corresponding drive pack. Alternatively, please refer to our online PRV selection tool on the Fantech website fantech.net

Specification data

Model	Rated power	Voltage	RPM	0.0" P _s	0.125" P _s	0.25" P _s	0.375" P _s	0.50" P _s	0.625" P _s	0.75" P _s	0.875" P _s	1.00" P _s	1.25" P _s
	HP	V	min ⁻¹	cfm									
	Sones [†] BHP [*]												
5BDD 12	1/4	120/230	1423	1464	1392	1321	1242	1158	1058	950	813	-	-
				12.5 0.22	12.3 0.23	11.7 0.24	11.4 0.24	10.9 0.25	10.3 0.25	10.0 0.25	9.2 0.25	-	-
5BDD 13	1/4	120/230	1213	1672	1586	1500	1393	1279	1154	1009	-	-	-
				14.0 0.21	13.4 0.22	12.3 0.23	11.1 0.23	10.0 0.24	9.3 0.24	9.3 0.24	-	-	-
	1/3	120/230	1335	1840	1762	1684	1595	1498	1390	1277	1145	638	-
				15.7 0.28	15.2 0.29	14.6 0.30	13.8 0.31	12.5 0.31	11.3 0.32	10.8 0.32	10.7 0.32	9.9 0.24	-
5BDD 15	1/4	120/230	1033	2054	1937	1816	1668	1503	1306	518	-	-	-
				11.8 0.22	11.5 0.23	11.2 0.24	10.9 0.25	10.7 0.25	9.9 0.25	8.6 0.15	-	-	-
	1/3	120/230	1136	2259	2153	2047	1919	1782	1628	1446	1183	-	-
				13.1 0.29	12.9 0.30	12.5 0.32	12.3 0.33	12.1 0.33	11.4 0.33	11.1 0.33	10.5 0.32	-	-
1/2	120/230 208-230/460	1301	2587	2494	2402	2308	2190	2072	1939	1804	1633	-	
			15.4 0.44	15.4 0.45	15.2 0.47	15.0 0.48	14.0 0.49	14.2 0.50	14.0 0.50	13.2 0.50	13.0 0.49	-	
5BDD 16	1/3	120 / 230	962	2468	2338	2201	2044	1865	1648	1351	-	-	-
				11.8 0.28	11.3 0.29	10.8 0.31	9.9 0.32	9.5 0.32	8.9 0.32	8.5 0.31	-	-	-
	1/2	120/230 208-230/460	1100	2825	2711	2597	2467	2330	2177	1999	1790	1491	-
				14.1 0.42	13.6 0.43	13.4 0.45	12.8 0.46	12.2 0.47	11.7 0.48	11.2 0.48	11.0 0.48	10.2 0.46	-
	3/4	120/230 208-230/460	1261	3235	3136	3036	2936	2817	2698	2579	2425	2269	1877
				17.9 0.63	16.9 0.65	16.8 0.67	16.3 0.68	16.3 0.70	15.4 0.71	15.2 0.72	14.5 0.72	14.5 0.72	13.2 0.70
5BDD 18	1/3	120 / 230	811	2999	2821	2631	2418	2168	1821	-	-	-	-
				10.3 0.29	9.4 0.30	9.2 0.32	8.7 0.33	8.4 0.33	8.4 0.33	-	-	-	-
	1/2	120/230 208-230/460	928	3432	3276	3120	2939	2754	2533	2264	-	-	-
				13.4 0.43	11.3 0.45	11.0 0.47	10.8 0.48	10.4 0.49	9.9 0.50	9.5 0.50	-	-	-
3/4	120/208-230 208-230/460	1062	3928	3791	3655	3514	3352	3190	3004	2811	2549	-	
			14.7 0.64	13.9 0.67	13.7 0.69	13.4 0.71	13.3 0.73	12.7 0.74	12.6 0.75	12.0 0.75	11.3 0.74	-	
5BDD 20	1/3	120 / 230	699	3335	3101	2858	2588	2241	-	-	-	-	-
				12.5 0.28	10.0 0.31	9.3 0.32	8.8 0.33	8.3 0.33	-	-	-	-	-
	1/2	120/208-230 208-230/460	800	3817	3612	3406	3188	2942	2653	2220	-	-	-
				14.7 0.42	11.3 0.45	11.2 0.47	10.6 0.49	10.0 0.50	9.8 0.50	9.4 0.48	-	-	-
	3/4	120/208-230 208-230/460	916	4371	4192	4013	3828	3638	3429	3181	2895	2335	-
				15.6 0.64	14.8 0.67	14.2 0.69	13.5 0.72	12.9 0.75	12.6 0.75	12.0 0.75	11.9 0.75	11.7 0.69	-
	1	120/208-230 208-230/460	1008	4810	4647	4484	4322	4149	3976	3786	3560	3325	1186
				18.7 0.85	17.7 0.88	17.1 0.91	16.4 0.94	16.0 0.96	15.4 0.98	14.6 1.00	14.5 1.00	14.4 1.00	13.3 0.57

Performance certified for installation type A: free inlet, free outlet. Performance rating includes the effect of bird screen. * Power rating (BHP) does not include transmission losses.

[†] The sound ratings shown are loudness values in fan sones at 5 ft. (1.5m) in a hemispherical free field calculated per AMCA standard 301. Values shown are for installation type A, free inlet hemispherical sone levels.

5BDD Series

Roof Mount Belt Drive Downblast Fans



Fantech, Inc. certifies that the Belt-Drive Downblast Centrifugal Roof Ventilators shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Specification data (cont.)

Model	Rated power	Voltage	RPM	0.0" P _s	0.125" P _s	0.25" P _s	0.375" P _s	0.50" P _s	0.625" P _s	0.75" P _s	1.00" P _s	1.25" P _s	1.50" P _s
	HP	V	min ⁻¹	cfm									
	Sones [†] BHP [#]												
5BDD 24	1/3	120 / 230	504	4313	3931	3478	2877	-	-	-	-	-	-
				9.6 0.30	9.5 0.32	9.0 0.34	8.5 0.34	-	-	-	-	-	-
	1/2	120/230 208-230/460	577	4938	4605	4233	3795	3253	-	-	-	-	-
				11.8 0.45	11.7 0.48	11.7 0.50	11.0 0.51	10.2 0.50	-	-	-	-	-
5BDD 30	3/4	120/208-230 208-230/460	660	5649	5358	5059	4707	4309	3844	2837	-	-	-
				15.1 0.67	15.1 0.71	14.9 0.73	14.9 0.75	14.2 0.76	13.3 0.76	12.3 0.68	-	-	-
5BDD 30	1/2	120/208-230 208-230/460	412	6470	5866	5234	4371	-	-	-	-	-	-
				10.7 0.44	10.8 0.47	10.5 0.50	10.0 0.50	-	-	-	-	-	-
	3/4	120/208-230 208-230/460	471	7396	6869	6326	5732	4906	-	-	-	-	-
				12.5 0.66	12.1 0.70	11.8 0.73	11.5 0.75	11.0 0.74	-	-	-	-	-
	1	120/208-230 208-230/460	519	8150	7672	7188	6681	6084	5257	-	-	-	-
				13.5 0.89	13.5 0.92	13.0 0.96	12.7 1.00	12.3 1.01	11.6 0.98	-	-	-	-
	1-1/2	120/208-230 208-230/460	594	9227	8910	8490	8058	7619	7099	6515	-	-	-
				16.1 1.33	15.8 1.37	15.6 1.41	15.0 1.46	14.8 1.49	12.9 1.51	13.9 1.50	-	-	-
	2	208-230/460	653	10254	9875	9493	9111	8708	8305	7826	6545	-	-
				17.8 1.76	17.8 1.81	17.5 1.86	16.9 1.91	16.7 1.96	16.3 1.99	15.3 2.00	15.1 1.95	-	-
	3	208-230/460	748	11746	11416	11082	10749	10414	10062	9711	8907	7855	-
				21 2.65	21 2.71	21 2.76	20 2.82	19.9 2.87	19.7 2.92	19.2 2.97	18.1 3.01	17.8 2.96	-
5	208-230/460	887	13928	13651	13370	13089	12808	12526	12238	11546	11037	10278	
			30 4.42	29 4.49	30 4.55	30 4.62	29 4.68	28 4.74	28 4.81	27 4.87	25 5.01	24 5.02	
5BDD 36	3/4	120/208-230 208-230/460	339	10032	9207	8221	6803	-	-	-	-	-	-
				11.9 0.74	10.3 0.78	9.4 0.81	8.5 0.79	-	-	-	-	-	-
	1	120/208-230 208-230/460	373	11038	10288	9435	8397	6687	-	-	-	-	-
				13.6 0.98	12.0 1.03	11.0 1.07	10.3 1.07	10.0 1.00	-	-	-	-	-
	1-1/2	120/208-230 208-230/460	427	12636	11981	11302	10495	9541	8114	-	-	-	-
				16.7 1.48	14.9 1.53	14.1 1.58	13.7 1.61	12.9 1.61	12.8 1.55	-	-	-	-
	2	208-230/460	470	13908	13313	12718	12017	11284	10357	9030	-	-	-
				19.5 1.97	18.2 2.03	17.8 2.09	16.8 2.13	16.1 2.15	15.0 2.14	14.9 2.07	-	-	-
	3	208-230/460	538	15921	15401	14881	14352	13712	13071	12310	11486	-	-
				24.0 2.96	23.0 3.03	23 3.10	22.0 3.15	21 3.20	20 3.22	19.2 3.22	18.0 3.19	-	-
	5	208-230/460	637	18850	18411	17972	17533	17094	16563	16023	14861	-	-
				28.0 4.90	28.0 4.99	29.0 5.08	28.0 5.15	27.0 5.22	27.0 5.28	25 5.32	23.0 5.35	-	-

Performance certified for installation type A: free inlet, free outlet. Performance rating includes the effect of bird screen. * Power rating (BHP) does not include transmission losses. [†] The sound ratings shown are loudness values in fan sones at 5 ft. (1.5m) in a hemispherical free field calculated per AMCA standard 301. Values shown are for installation type A, free inlet hemispherical sone levels.

5BDD Series

Downblast Roof Ventilator Components

Model	Shell			HP	1 Phase for Fans Less Motor and Drive						3 Phase for Fans Less Motor and Drive					
	UPC #	List Price	Shipping Weight		Drive Pack			Motor			Drive Pack			Motor		
		USD	lbs		UPC #	DP ID	List Price	UPC #	Motor ID	List Price	UPC #	DP ID	List Price	UPC #	Motor ID	List Price
							USD			USD			USD			USD
5BDD10	49810 8	460.00	90	1/4	48992 2	DP-10"-BB	50.00	49907 5	MOT BB	100.00						
5BDD12	49811 5	500.00	100	1/4	48993 9	DP-12"-BB	55.00	49907 5	MOT BB	100.00						
				1/3	48994 6	DP-12"-CB	55.00	49909 9	MOT CB	135.00						
5BDD13	49812 2	560.00	110	1/4	48995 3	DP-13"-BB	57.00	49907 5	MOT BB	100.00						
				1/3	48996 0	DP-13"-CB	57.00	49909 9	MOT CB	135.00						
				1/2	48997 7	DP-13"-DB	57.50	49910 5	MOT DB	137.50	49000 3	DP-13"-DX	57.50	49911 2	MOT DX	164.00
5BDD15	49813 9	600.00	120	1/4	49001 0	DP-15"-BB	62.50	49907 5	MOT BB	100.00						
				1/3	49002 7	DP-15"-CB	62.50	49909 9	MOT CB	135.00						
				1/2	49003 4	DP-15"-DB	62.50	49910 5	MOT DB	137.50	49004 1	DP-15"-DX	62.50	49911 2	MOT DX	164.00
				3/4	49005 8	DP-15"-EB/EX	62.50	49912 9	MOT EB	235.00	49005 8	DP-15"-EB/EX	62.50	49913 6	MOT EX	200.00
				1	49007 2	DP-15"-FB/FX	62.50	49914 3	MOT FB	210.00	49007 2	DP-15"-FB/FX	62.50	49915 0	MOT FX	210.00
5BDD16	49814 6	650.00	130	1/3	49010 2	DP-16"-CB	65.00	49909 9	MOT CB	135.00						
				1/2	49011 9	DP-16"-DB	65.00	49910 5	MOT DB	137.50	49012 6	DP-16"-DX	65.00	49911 2	MOT DX	164.00
				3/4	49013 3	DP-16"-EB/EX	65.00	49912 9	MOT EB	235.00	49013 3	DP-16"-EB/EX	65.00	49913 6	MOT EX	200.00
				1	49015 7	DP-16"-FB/FX	65.00	49914 3	MOT FB	210.00	49015 7	DP-16"-FB/FX	65.00	49915 0	MOT FX	210.00
5BDD18	49815 3	800.00	164	1/3	49017 1	DP-18"-CB	70.00	49909 9	MOT CB	135.00						
				1/2	49018 8	DP-18"-DB	70.00	49910 5	MOT DB	137.50	49019 5	DP-18"-DX	70.00	49911 2	MOT DX	164.00
				3/4	49020 1	DP-18"-EB/EX	70.00	49912 9	MOT EB	235.00	49020 1	DP-18"-EB/EX	70.00	49913 6	MOT EX	200.00
				1	49022 5	DP-18"-FB/FX	70.00	49914 3	MOT FB	210.00	49022 5	DP-18"-FB/FX	70.00	49915 0	MOT FX	210.00
				1-1/2	49024 9	DP-18"-GB	70.00	49916 7	MOT GB	285.00	49025 6	DP-18"-GX	70.00	49917 4	MOT GX	271.00
				2							49026 3	DP-18"-HX	70.00	49918 1	MOT HX	535.00
5BDD20	49816 0	850.00	185	1/3	49027 0	DP-20"-CB	75.00	49909 9	MOT CB	135.00						
				1/2	49028 7	DP-20"-DB	75.00	49910 5	MOT DB	137.50	49029 4	DP-20"-DX	75.00	49911 2	MOT DX	164.00
				3/4	49031 7	DP-20"-EB/EX	75.00	49912 9	MOT EB	235.00	49031 7	DP-20"-EB/EX	75.00	49913 6	MOT EX	200.00
				1	49032 4	DP-20"-FB/FX	75.00	49914 3	MOT FB	210.00	49032 4	DP-20"-FB/FX	75.00	49915 0	MOT FX	210.00
				1-1/2	49036 2	DP-20"-GB/GX	75.00	49916 7	MOT GB	285.00	49036 2	DP-20"-GB/GX	75.00	49917 4	MOT GX	271.00
				2							49038 6	DP-20"-HX	75.00	49918 1	MOT HX	535.00
5BDD24	49817 7	950.00	212	1/3	49039 3	DP-24"-CB	85.00	49909 9	MOT CB	135.00						
				1/2	49040 9	DP-24"-DB	85.00	49910 5	MOT DB	137.50	49041 6	DP-24"-DX	85.00	49911 2	MOT DX	164.00
				3/4	49042 3	DP-24"-EB/EX	85.00	49912 9	MOT EB	235.00	49042 3	DP-24"-EB/EX	85.00	49913 6	MOT EX	200.00
				1	49044 7	DP-24"-FB/FX	85.00	49914 3	MOT FB	210.00	49044 7	DP-24"-FB/FX	85.00	49915 0	MOT FX	210.00
				1-1/2	49046 1	DP-24"-GB/GX	85.00	49916 7	MOT GB	285.00	49046 1	DP-24"-GB/GX	85.00	49917 4	MOT GX	271.00
				2							49051 5	DP-24"-HX	85.00	49918 1	MOT HX	535.00
5BDD30	49818 4	2,450.00	310	1/2	49466 7	DP-30"-DB	100.00	49910 5	MOT DB	137.50	49052 2	DP-30"-DX	100.00	49911 2	MOT DX	164.00
				3/4	49053 9	DP-30"-EB/EX	100.00	49912 9	MOT EB	235.00	49053 9	DP-30"-EB/EX	100.00	49913 6	MOT EX	200.00
				1	49055 3	DP-30"-FB/FX	100.00	49914 3	MOT FB	210.00	49055 3	DP-30"-FB/FX	100.00	49915 0	MOT FX	210.00
				1-1/2	49057 7	DP-30"-GB/GX	100.00	49916 7	MOT GB	285.00	49057 7	DP-30"-GB/GX	100.00	49917 4	MOT GX	271.00
				2							49060 7	DP-30"-HX	100.00	49918 1	MOT HX	535.00
				3							49061 4	DP-30"-JX	100.00	49919 8	MOT JX	632.00
				5							49062 1	DP-30"-KX	100.00	49920 4	MOT KX	541.00
5BDD36	49819 1	3,750.00	380	3/4	49063 8	DP-36"-EB/EX	115.00	49912 9	MOT EB	235.00	49063 8	DP-36"-EB/EX	115.00	49913 6	MOT EX	200.00
				1	49065 2	DP-36"-FB/FX	115.00	49914 3	MOT FB	210.00	49065 2	DP-36"-FB/FX	115.00	49915 0	MOT FX	210.00
				1-1/2	49067 6	DP-36"-GB/GX	115.00	49916 7	MOT GB	285.00	49067 6	DP-36"-GB/GX	115.00	49917 4	MOT GX	271.00
				2							49069 0	DP-36"-HX	115.00	49918 1	MOT HX	535.00
				3							49070 6	DP-36"-JX	115.00	49919 8	MOT JX	632.00
				5							49072 0	DP-36"-KX	115.00	49920 4	MOT KX	541.00

5ADE Series

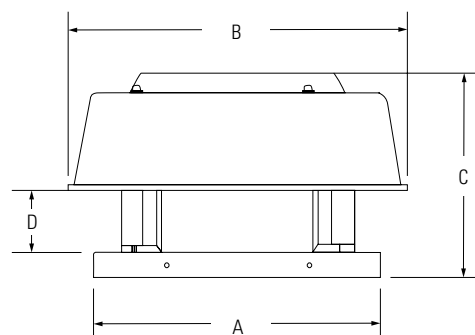
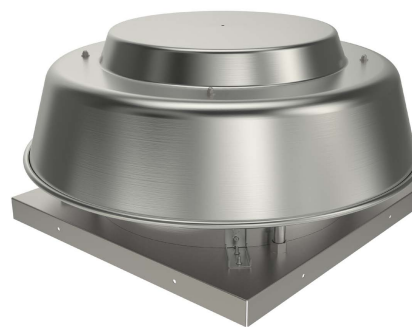
Direct Drive Axial Exhaust Roof Fan



Fantech, Inc. certifies that the Direct-Drive Downblast Centrifugal Roof Ventilators shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Direct-drive axial roof ventilators are designed for use in applications requiring the steady exhaust of air under low to moderate static pressures. All models are manufactured from durable spun aluminum; venturi, inlet and supports are galvanized. Blades are made from stamped aluminum. Ventilators are wall mountable.

- All ventilators are UL 705 Standard listed
- Inlet temperatures up to 140°F
- Junction box mounted in motor compartment
- Built-in bird screen to protect discharge and ensure safe operation
- Externally cooled motor compartment
- Speed controllable



Dimensions

Model	A	B	C	D
5ADE 102A	19	23 5/8	13 3/8	5 1/2
5ADE 12BA	22	28	15 1/2	6 1/2
5ADE 16EA	26	33 1/4	16 1/2	6 1/8

Dimensional information is in inches.

Accessories



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Flat Roof Curb
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5ACC.. RD
Wall Damper
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5ACC.. SC
Speed Control
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5ACC.. MS
Motor disconnect
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Specification data

Model	Rated power	Voltage / phase	RPM	0.0" P _s	0.125" P _s	0.25" P _s	0.375" P _s	0.50" P _s	0.625" P _s	0.75" P _s	1.00" P _s	Shipping weight	UPC #
	HP	V / ~	min ⁻¹	cfm								lbs	
				Sones [†] Max BHP									
5ADE 102A	1/30	120 / 1	1759	547	423	269	191	-	-	-	-	94	47242 9
				8.9 -	9.1 -	9.3 -	10.0 -	-	-	-	-		
5ADE 12BA	1/4	120 / 1	1764	1423	1219	993	891	644	441	225	-	103	47244 6
				10.0 0.18	10.5 0.18	10.8 0.18	13.0 0.18	15.3 0.18	-	-	-		
5ADE 16EA	3/4	120 / 1	1730	2767	2571	2367	2159	1958	1625	1377	936	130	47246 7
				17.9 0.49	17.2 0.49	16.5 0.49	18.0 0.49	19.3 0.49	21 0.49	22 0.49	26 0.49		

Performance certified is for installation type A: Free Inlet, Free Outlet. Performance ratings include the effects of bird screens. Speed (RPM) shown is nominal, and performance shown is based on actual speed of test. [†]The sound ratings are loudness values in fan sones at 5 ft. (1.5m) in a hemispherical free field calculated per AMCA standard 301. Values shown are for Installation Type A, Free Inlet hemispherical sone levels.

5DDD Series

Direct Drive Downblast Roof Ventilator



Fantech, Inc. certifies that the Direct-Drive Downblast Centrifugal Roof Ventilators shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Direct-drive downblast ventilators are designed for use where steady exhaust ventilation is needed under low to moderate static pressure conditions. Ventilators can be mounted on the roof or wall. All models are equipped with a backward inclined aluminum fan wheel and a speed controllable motor.

- All ventilators are UL 705 Standard listed
- One-piece removable exhaust hood
- Inlet temperatures up to 170°F
- Backward inclined aluminum fan wheel
- Equipped with a built-in bird screen to protect discharge
- Externally cooled motor compartment



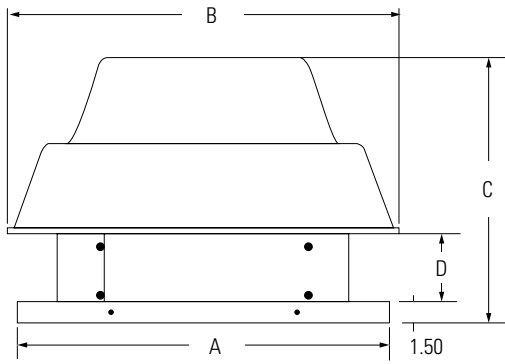
Specification data

Model	Rated power	Voltage / phase	RPM	0.0" P _s	0.125" P _s	0.25" P _s	0.375" P _s	0.50" P _s	0.625" P _s	0.75" P _s	1.00" P _s	Shipping weight	UPC #
	HP	V / ~	min ⁻¹	cfm								lbs	
	Sones ¹ BHP [#]												
5DDD 085A	1/25	120	1661	414	345	259	157	-	-	-	-	26	47321 1
				6.8 -	6.0 -	5.9 -	5.4 -	-	-	-	-		
5DDD 106A	1/20	120	1150	645	484	309	-	-	-	-	-	94	47322 8
				5.5 -	5.5 -	5.0 -	-	-	-	-	-		
5DDD 10AA	1/6	120	985	985	911	824	724	619	498	352	-	86	47323 5
				9.6 -	9.4 -	9.1 -	8.1 -	7.9 -	7.8 -	-	-		
5DDD 12CA	1/3	120	1694	1743	1670	1605	1543	1475	1392	1316	1137	101	47325 9
				15.6 0.35	15.3 0.35	14.9 0.36	14.6 0.36	14.2 0.37	13.8 0.38	13.6 0.39	13.2 0.39		
5DDD 13DB	1/2	120/230	1684	2553	2477	2402	2326	2245	2159	2073	1866	115	47327 3
				18.2 0.44	17.5 0.47	17.1 0.48	15.6 0.49	14.2 0.51	13.4 0.51	12.7 0.56	11.4 0.57		
5DDD 15CA	1/3	120	1124	2160	2045	1930	1792	1645	1481	1255	-	132	47329 7
				11.9 0.32	11.5 0.33	11.1 0.34	10.3 0.34	9.7 0.34	9.1 0.34	9.0 0.34	-		
5DDD 16DB	1/2	120/230	1143	2914	2787	2660	2526	2389	2231	2061	1493	142	47330 3
				15.9 0.45	14.7 0.46	14.2 0.48	13.4 0.49	11.7 0.50	10.3 0.50	10.3 0.50	11.0 0.49		
5DDD 18EB	3/4	120/230	1106	4037	3902	3766	3629	3476	3324	3147	2765	157	47331 0
				19.8 0.75	19.5 0.77	19.2 0.80	18.8 0.82	18.4 0.85	18.0 0.87	17.8 0.89	17.5 0.89		

Performance certified is for installation type A: free inlet, free outlet. Performance rating includes the effects of bird screen. Speed (RPM) shown is nominal, and performance is based on actual speed of test.

¹ The sound ratings shown are loudness values in fan sones at 5 ft. (1.5m) in a hemispherical free field calculated per AMCA standard 301. Values shown are for installation type A, free inlet hemispherical sone levels.

Dimensions



Model	A	B	C	D
5DDD 085A	19	18 ⁷ / ₈	13 ¹ / ₄	3 ¹ / ₂
5DDD 106A	19	22 ³ / ₈	16 ¹ / ₂	3 ³ / ₈
5DDD 10AA	19	22 ³ / ₈	16 ¹ / ₂	3 ³ / ₈
5DDD 12CA	22	24 ¹ / ₄	17 ¹ / ₈	4
5DDD 13DB	22	25 ⁵ / ₈	18 ¹ / ₈	4 ³ / ₈
5DDD 15CA	26	27 ⁷ / ₈	18 ¹ / ₂	4 ³ / ₈
5DDD 16DB	26	29 ³ / ₄	20 ¹ / ₄	4 ³ / ₄
5DDD 18EB	30	31 ⁵ / ₈	21 ³ / ₈	5 ⁵ / ₈

Dimensional information is in inches.

See Upblast Roof Ventilators on pages 18-26.

Accessories



5ACC.. FS
Flat Roof Curb
page 114



5ACC.. FT
Flat Roof Curb
page 114



5ACC.. RD
Wall Damper
page 115



1ACC.. SC
Speed Control
page 108



5ACC.. MS
Motor disconnect
page 108

**Fresh and
clean... even
when it isn't
laundry time.**



A Residential Laundry

with a washer and a dryer

Fantech inline Dryer Exhaust Duct Power Ventilators (DEDPV); (previously known as Dryer Boosters) are specially designed to solve problems caused by long duct runs on clothes dryers. Long duct runs with multiple elbows can cause extended drying time as well as lint and moisture build up in the duct. Lint build up is a common cause of dryer fires.

How do they work?

When the dryer starts, Fantech's patented pressure sensing switch automatically turns on the DEDPV, which moves the warm, moist air and lint out of the home. The fan maintains a velocity of 1200 FPM to keep lint airborne and expelled.

1. DBF 4XLT-705

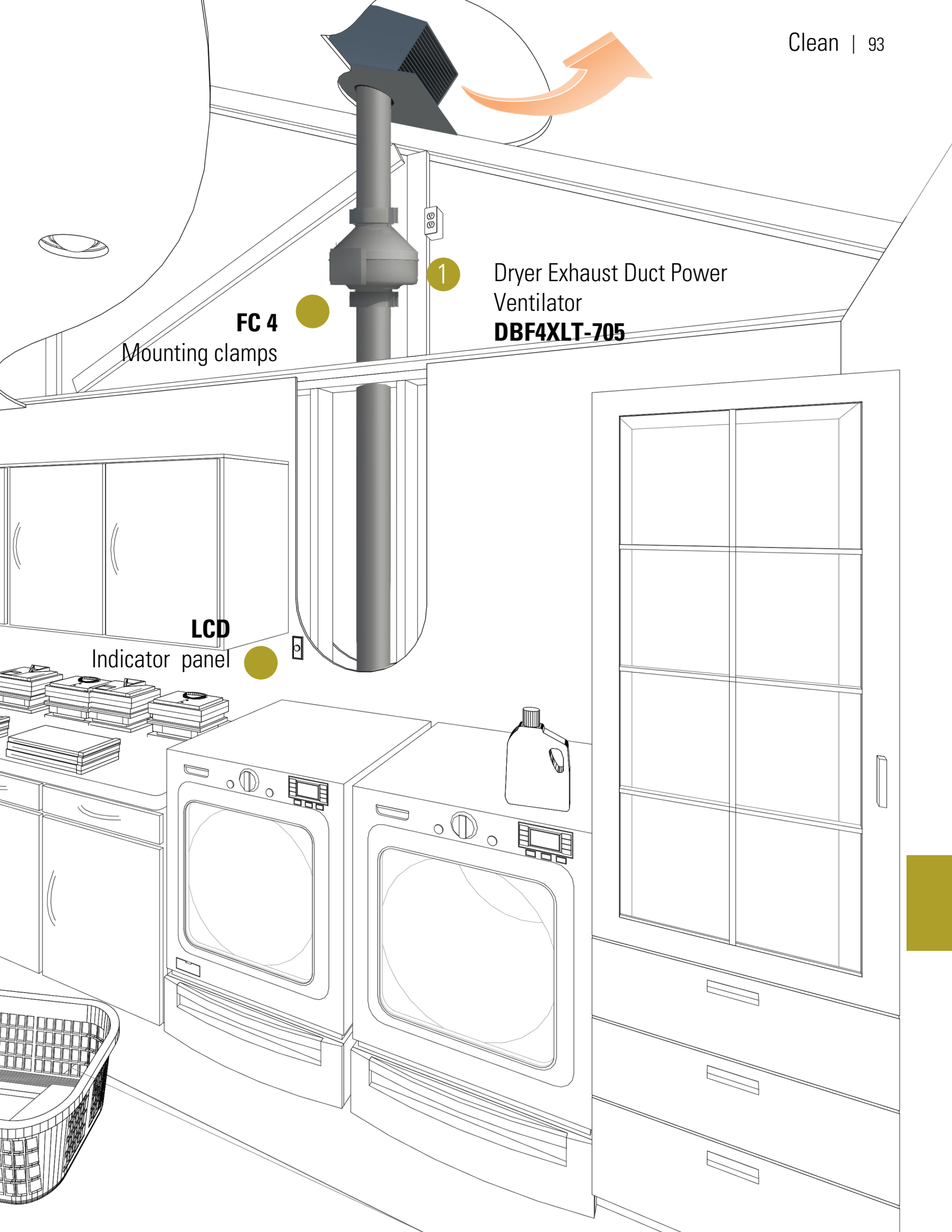
Dryer Exhaust Duct Power Ventilator (DEDPV)

120V, 170 cfm, 83W, 0.73A
max useable cfm @ = 0.78"Ps 105cfm.
Duct diameter (inlet/outlet): 4"



The system includes 2 pair of mounting clamps w/cleanout and a wall mount low voltage LED indicator panel, which features a LED light that indicates to the homeowner that the fan is working properly. The indicator panel will alert homeowners of problems such as no power, blocked duct, locked motor rotor and low speed conditions. A 50 foot control cable is included to connect the indicator panel to the DEDPV. The unit can be used to effectively exhaust a 4 inch dryer duct run up to 130 feet. See page 94.





FC 4
Mounting clamps

1 Dryer Exhaust Duct Power Ventilator
DBF4XLT-705

LCD
Indicator panel

DBF 4XLT /-705, DBF 4XL, DBF 110

Dryer Booster Fans



The Fantech dryer booster fans have been specially designed to solve the problems caused by long duct runs on clothes dryers. According to dryer manufacturers and some local building codes, booster fans should be added in the dryer duct run when the length of the duct exceeds 24 feet with no bends, 20 feet with one bend or 15 feet with two bends.

When the dryer is on, Fantech's patented pressure sensing switch automatically turns the booster fan on. The warm, moist air in the dryer duct is exhausted out of the building quickly. The dryer booster fan monitors the status of the dryer and will turn itself off when the dryer stops. Wall mounted indicator panel with LED display lets homeowners know that fan is fully operational.

The **DBF 4XLT-705** is the only UL-705 DEDPV supplement approved* dryer booster available in the market today. It features an upgraded pressure sensing circuit, LED indicator display panel, temperature limit switch, short duct junctions, and (4) 4" fast clamps for easy installation and maintenance. If UL approval is a concern, accept no substitutes.

DBF 4XL and **DBF 4XLT** are the newest dryer booster fans with galvanized steel housing. Backward inclined blades of the motorized impeller allow lint to pass through the fan. The unit can be used to effectively boost dryer exhaust in duct runs up to 130 feet.

The **DBF 110** dryer booster is engineered of thermoplastic resin and features an integrated automatic pressure switch. It can be used on dryer duct runs up to 108 feet. The fan's backward inclined blades allow lint to pass through the fan. The fan can be mounted in any angle at any point along the duct work and straight-through air flow design allows easy installation.

- The fans can be mounted in any angle at any point along the duct work
- LED light on wall panel lets homeowners know fan is working properly

Dryer Exhaust Duct Power Ventilator (DEDPV)
DBF 4XLT-705



DBF 4XLT



DBF 4XL



DBF 110

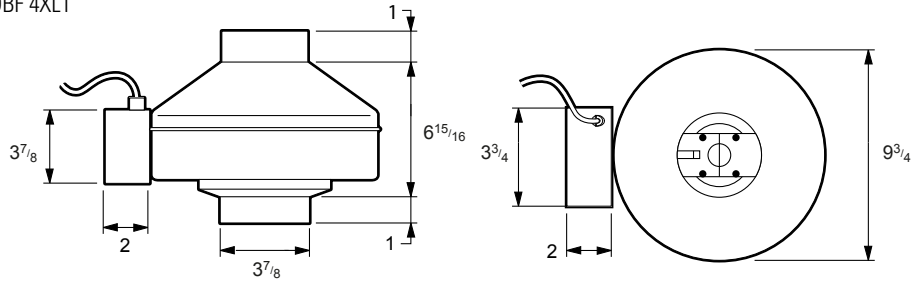
Specification data

Model	Duct size	Rated power	Voltage / phase	Max. amps	0.0" P _s	0.2" P _s	0.4" P _s	0.6" P _s	0.8" P _s	1.0" P _s	Shipping weight	UPC #
	inch	W	V / ~	A	cfm						lbs	
DBF 4XLT-705	4	83	120 / 1	0.73	170	150	134	119	103	86	10	46005 1
DBF 4XLT	4	83	120 / 1	0.73	170	150	134	119	103	86	10	12540 0
DBF 4XL	4	83	120 / 1	0.73	170	150	134	119	103	86	10	12040 5
DBF 110	4	80	120 / 1	0.72	167	150	133	113	88	63	9	12110 5

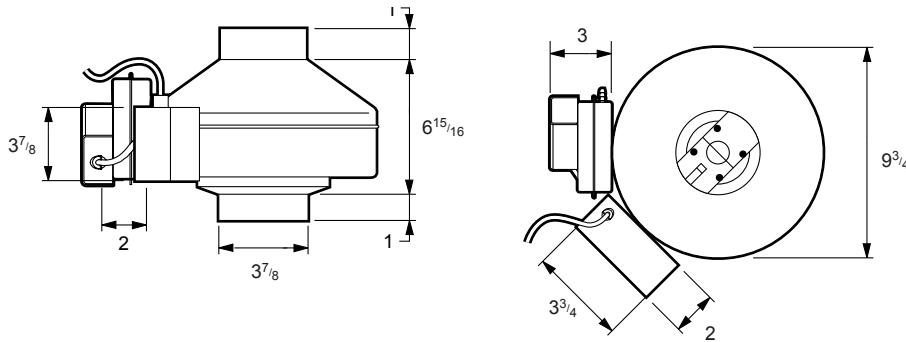
Per HVI'S Certified rating program, charted air flow performance has been derated by a factor based on actual test results and the certified rate at 0.2 inches WG.
* approved for use with Electric dryers only. UL exclusive as of the date of this printing.

Dimensions

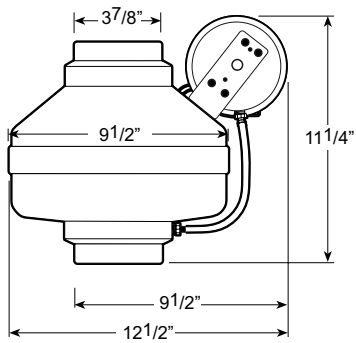
DBF 4XLT



DBF 4XL



DBF 110



Dimensional information is in inches.

Accessories



FC
Mounting Clamp
page 112

NEW



DBLT4W
Lint Trap
page 112

MORE THAN JUST A DRYER BOOSTER FAN..

The DBF4XLT-705 Dryer Exhaust Duct Power Ventilator boosts dryer exhaust in duct runs up to 130 feet and meets the new UL requirements.

All fans are equipped with an upgraded pressure sensing circuit, LED indicator display panel, temperature limit switch, and fast clamps for easy installation and maintenance.



IT IS UL APPROVED

NEW

DBF 4XLT-705

Dryer Exhaust Duct Power
Ventilator (DEDPV)



**In every public
restroom, your
nose knows.**



Public Restrooms

with an exhaust ventilator

Why waste energy and money by ventilating public spaces continuously at maximum airflow?

The flexibility of the Systemair RS series allows you the ability to run the ventilation fan at a low rate when the restroom is unoccupied and at a higher rate during periods of high occupation with the use of a simple occupancy sensor.

The fans maximum ventilation rate can be controlled or dialed down to the required airflow rate by the use of an inexpensive line voltage speed control such as the WC15 Speed Control On/Off. This eliminates noise and saves energy.

The Systemair RS series is 100% speed controllable and offers a swing out motor compartment for cleaning and maintenance.

1. RS 16-8 EF

Rectangular Inline Fan

120V, 499 cfm @ 0.25 P_s, 150W, max P_s = 2.57"

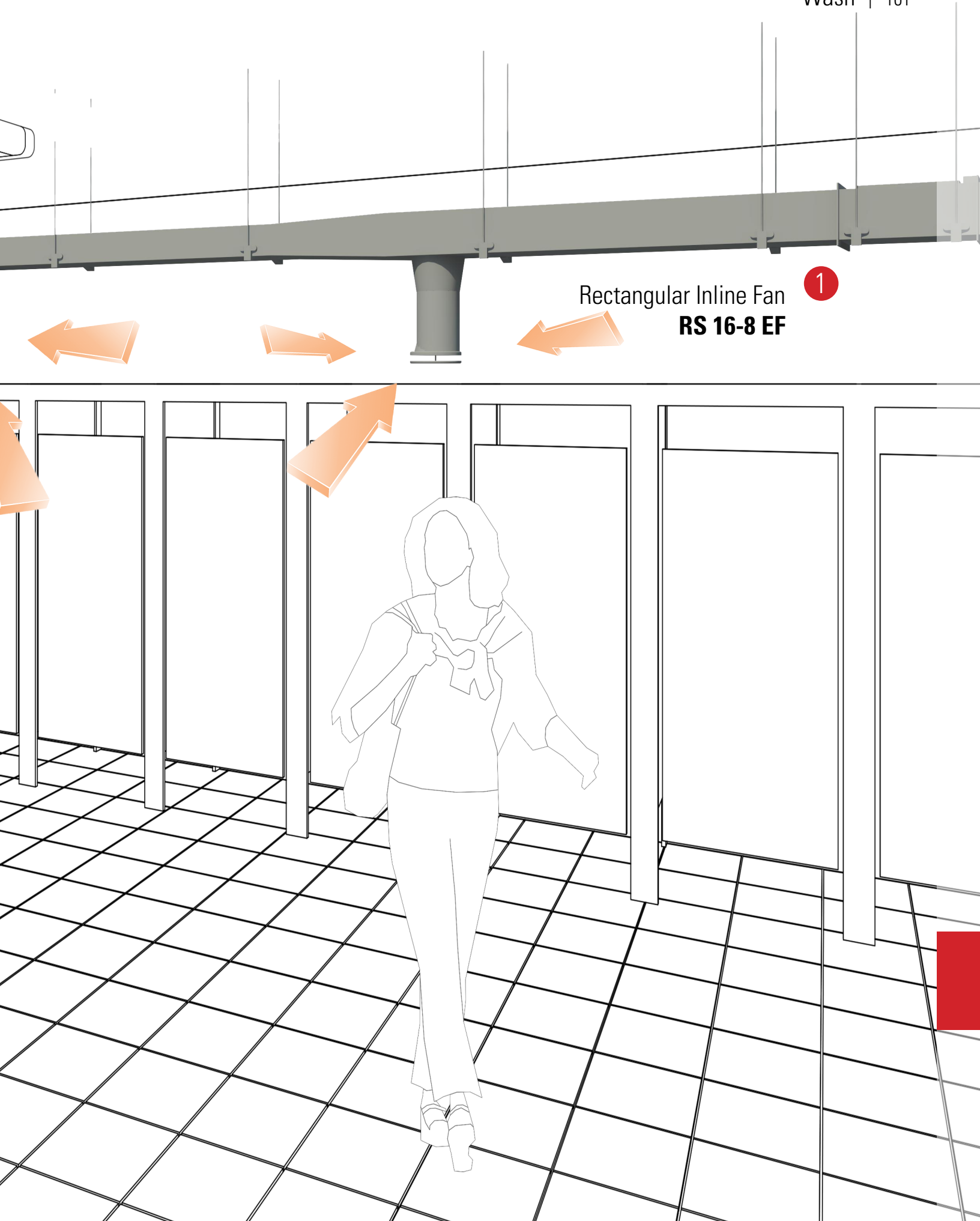
A compact centrifugal type exhaust/supply fan RS allows for installation directly within rectangular ductwork without the need for large elbows or transitional sections.

2. WC 15

Speed Control On/Off

120V, 5A

Rotary type variable speed controller with on/off switch. Brushed aluminum switch plate and screws included. Fits standard single gang box. See page 108.



Rectangular Inline Fan
RS 16-8 EF

1

CEV Series

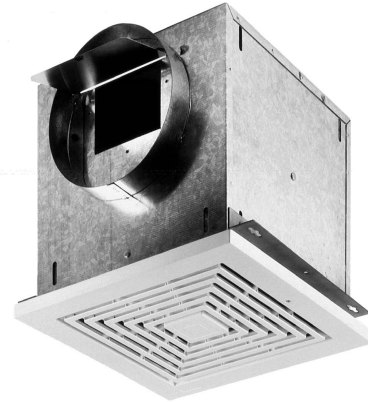
Ceiling Exhaust Fans



Fantech, Inc. certify that the Ceiling/Wall Fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

The CEV units are exhaust fans designed for bathroom and other applications. Simple installation and dependability make this odor- and moisture-removing fan a real value.

- All ventilators are UL Standard 705 listed
- Impact-resistant, balanced centrifugal blower wheel ensures consistent performance
- Eight-way adjustable mounting brackets permit installation flexibility
- White plastic grille blends well with any decor
- Torsion spring grille mounting — no tools required
- Integrated back draft damper

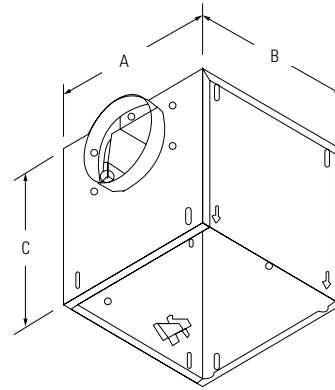
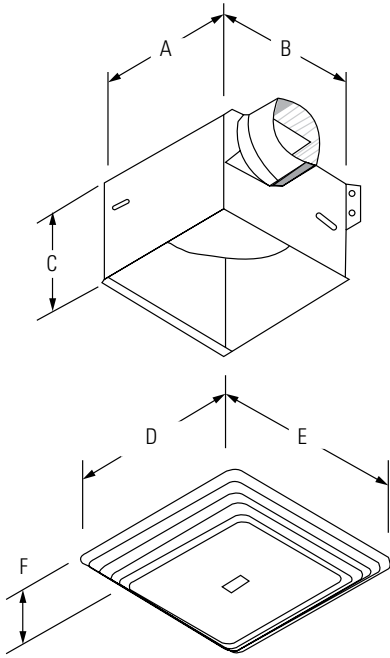


Specification data

Model	Rated power	Voltage / phase	RPM @ 0.125"	Max amps @ 60 Hz	0.0" P _s	0.25" P _s	0.375" P _s	0.5" P _s	0.625" P _s	0.75" P _s	1.0" P _s	Shipping weight	UPS #
	W	V / ~	min ⁻¹	A	cfm Sones								
6CEV 008A	48	120 / 1	1550	-	89 3.9	68 3.8	36 3.9	-	-	-	-	7	47370 9
6CEV 010A	87	120 / 1	640	1.1	136 0.5	93 1.3	80 1.8	65 2.3	44 3.0	12 3.2	-	23	47371 6
6CEV 015A	100	120 / 1	710	1.3	181 1.3	141 2.2	132 2.6	124 3.1	114 3.6	94 4.1	-	23	47372 3
6CEV 020A	127	120 / 1	740	1.8	231 1.6	196 2.3	186 2.9	177 3.5	165 4.1	144 4.9	51 5.3	23	47373 0
6CEV 025A	166	120 / 1	830	2.2	272 2.1	250 2.9	242 3.3	233 3.9	218 4.4	201 4.8	99 5.8	24	47880 3
6CEV 030A	212	120 / 1	935	2.7	312 2.8	303 3.3	296 3.5	287 3.9	273 4.3	254 4.7	125 5.6	24	47374 7
6CEV 040A	146	120 / 1	755	1.4	467 2.3	378 3.0	335 3.5	291 4.0	237 5.1	170 5.5	8 5.9	34	47446 1
6CEV 050A	232	120 / 1	865	2.2	539 2.9	481 3.4	451 4.2	418 4.2	367 4.8	319 5.9	137 6.4	34	47545 1
6CEV 070A	313	120 / 1	985	2.9	708 5.2	658 5.7	628 5.8	597 6.1	560 6.4	515 7.4	312 7.6	34	47407 2
6CEV 150A	468	120 / 1	955	5.0	1578 8.6	1438 8.1	1371 7.5	1285 7.0	1198 6.7	1103 6.2	816 5.8	65	47975 6

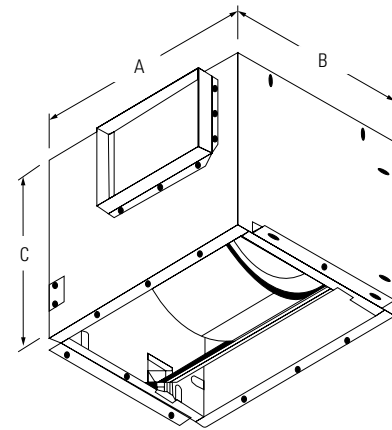
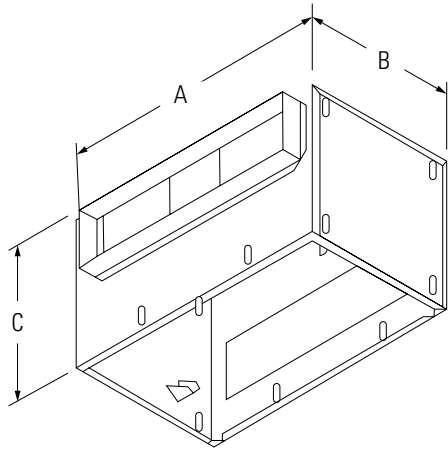
Performance ratings include the effects of inlet grill and backdraft damper. Speed (RPM) shown as nominal. Performance is based on actual speed of test. Performance shown for horizontal discharge. Values may vary for vertical discharge.

Dimensions



Model	A	B	C	D	E	F	Duct
6CEV 008A	8	8 1/4	5 3/4	10 5/8	11 1/8	1 1/2	4

Model	A	B	C	Duct
6CEV 010A - 030A	12 1/4	12 1/4	11 3/4	6



Model	A	B	C	Duct
6CEV 040A - 070A	21 1/2	12 1/4	11 3/4	4.5 x 18.5

Model	A	B	C	Duct
6CEV 150A	22	18	18	8 x 12

Dimensional information is in inches.

**Everything else..
to help you
finish the job.**



Accessories

PBF 4

Ceiling Grille and Housing with Fluorescent Light

Includes damper, four hanger bars and 14-watt instant-on fluorescent bulb. Fits between 2x6 construction.



Specification Data

Model	Duct Size, inch	Power, W	Weight, lbs	UPC #
PBF 4	4	14	4	46744 9

PBH 4

Ceiling Grille and Housing with Dimmable Halogen Light

Includes damper, four hanger bars and 50-watt halogen bulb. Fits between 2x6 construction.



Specification Data

Model	Duct Size, inch	Power, W	Weight, lbs	UPC #
PBH 4	4	50	4	46742 5

PBV 4

Ceiling Grille and Housing

Includes damper and four hanger bars. Fits between 2x6 construction.



Specification Data

Model	Duct Size, inch	Power, W	Weight, lbs	UPC #
PBV 4	4	-	4	46740 1

PBV 6

Ceiling Grille and Housing

Includes damper and four hanger bars. Fits between 2x8 construction.



Specification Data

Model	Duct Size, inch	Power, W	Weight, lbs	UPC #
PBV 6	6	-	4	46760 9

PBB

Replacement Bulbs

PBB14 is a 14-watt compact fluorescent bulb for use in Premium Bath Fans.



PBB 50 is 50-watt halogen bulb for use in Premium Bath Fans.



Specification Data

Model	Voltage, V	Power, W	Weight, lbs	UPC #
PBB 14	120	14	1	46900 9
PBB 50	120	50	1	46901 6

BFRK

Bath Fan Retrofit Kit

Kit includes everything you need to convert your noisy exhaust fan into a quiet, efficient fan you can live with. Includes complete instructions, 110 CFM Energy Star Rated Inline Fan, duct reducers, insulated flex duct, wire and accessories. Use with existing fan housing and grille. Attic access necessary.



Specification Data

Model	Duct Size, inch	Weight, lbs	UPC #
BFRK 100	4	10	10107 7

MGS

Metal Supply Grille

This grille has a shielding device for producing a directional distribution pattern and has an adjustable gap grilles. The grille is manufactured from sheet steel with a white powder-coated finish.



- 180° distribution pattern
- Easy installation either into the mounting frame or directly onto the duct using its friction springs
- Can be used for exhaust air

Specification Data

Model	Duct Size, inch	Weight, lbs	UPC #
MGS 4	4	1	68540 9
MGS 5	5	2	68550 8
MGS 6	6	2	68560 7
MGS 8	8	3	68580 5

MGE

Metal Exhaust Grille

An exhaust diffuser for installation on ceiling or wall. It can also be used for supply air. The diffuser has a lockable central cone which is rotated to adjust the pressure and consequently the air volume.



Manufactured from sheet steel with a white powder-coated finish.

- Can be installed directly onto the duct
- The pressure is adjusted by rotating the valve cone
- Can be used for supply air

Specification Data

Model	Duct Size, inch	Weight, lbs	UPC #
MGE 4	4	1	68040 4
MGE 5	5	2	68050 3
MGE 6	6	2	68060 2
MGE 8	8	3	68080 0

DG / DGD

Designer Exhaust Grille

A low profile, fixed circular plastic exhaust grille. Included with the grille is a matching diameter galvanized mounting collar with nailing strip.



Models DG with collar, models DGD with collar and back draft damper.

Specification Data

Model	Duct Size, inch	Weight, lbs	UPC #
DG 4	4	1	67940 8
DG 6	6	2	67960 6
DGD 4	4	2	67945 3
DGD 6	6	3	67965 1

CG

Contour Grille

Grilles are manufactured of flame retardant, polypropylene that resist yellowing. White matte finish can be painted to match walls or ceiling.



- Galvanized metal collars
- For supply and exhaust air

Specification Data

Model	Duct Size, inch	Weight, lbs	UPC #
CG 4	4	1	67240 9
CG 5	5	1	67250 8
CG 6	6	2	67260 7

HS

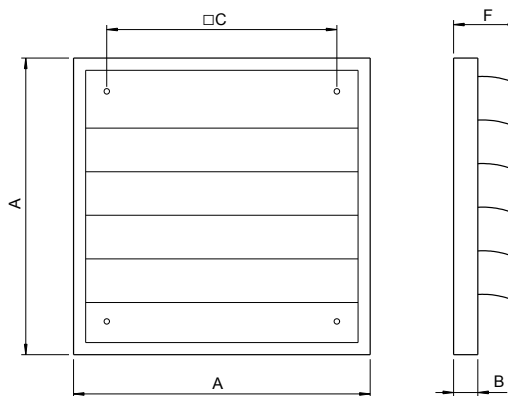
Louvered Shutter

Plastic louvered shutter with duct connection.



- For exhaust air only
- Used with premium bathroom fans or dryer boost exhaust

Dimensions



Model	A	B	C	F	Weight, lbs	UPC #
HS 4W	6	1 1/4	5 1/2	3 1/4	1	62040 0
HS 6W	9 1/11	1 1/4	8 9/16	3 1/4	1	62060 8

Dimensions are in inches

FML

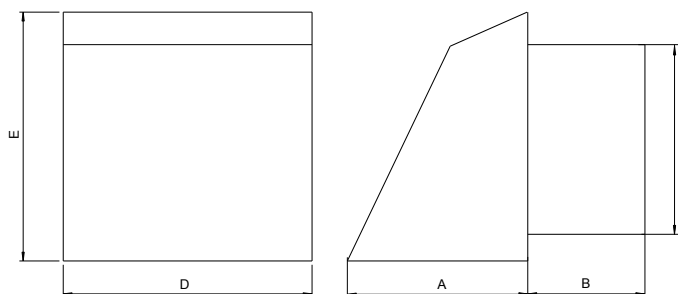
Metal Hoods

A single pre-painted aluminum hood for supply and exhaust applications.



- A white powder-coated finish
- Equipped with a bug screen

Dimensions



Model	A	B	C	D	Duct	Weight, lbs	UPC #
FML 8	5	3 1/2	9	9	8	8	24118 6
FML 10	6 1/2	3 1/2	11	11	10	9	24120 9
FML 12	7	3 1/2	13	13	12	10	24122 3

Dimensions are in inches

FD 60EM

Bathroom Timer

Electronic push button timer. Select from 10, 20, 30 and 60 minute timed operation of fan. Fits standard single gang box. Ideal for multiple switching locations. Switch plate not included.



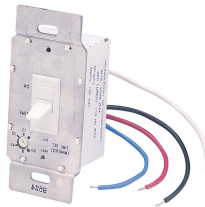
Specification Data

Model	Voltage, V	Max Current, A	Weight, lbs	UPC #
FD 60EM	120	20	1	73200 4

FLD 60

Bathroom Light/Fan Switch

Designed as a replacement for the bathroom fan and light switch. By using a microprocessor to monitor and control fan operation, a precise amount of ventilation can be provided. Allows continuous operation of the fan for up to 1 hour after light switch is turned off.



Specification Data

Model	Voltage, V	Max Current, A	Weight, lbs	UPC #
FLD 60	120	20	1	73060 4

VT 20

Programmable Fan Control

The ultimate programmable 20 minute boost timer. Features easy-set slide adjustment for fan speed and run-time per hour. Controls are hidden under cover plate. Use with up to three VT20A (Auxiliary Controls) to allow 20 minute high speed boost in up to four locations.



Specification Data

Model	Voltage, V	Current, A	Boost, min	Weight, lbs	UPC #
VT 20M	115	2.5	20	1	45386 2
VT 20A	115	2.5	20	1	45385 5

SCD

Multipurpose Speed Control

Slide type variable speed controller with on/off switch. White Decora-style switch plate and screws included. Fits standard single gang box.



Specification Data

Model	Voltage, V	Max Current, A	Weight, lbs	UPC #
SCD 5	115	5	1	56055 3
SCD 7	115	7.5	1	56055 1

5ACC..SC

Speed Control

Variable speed controller permits adjustment of air movement from 100% to approximately 50%. Can be used to operate more than one fan, if the combined total amps do not exceed the control rating. This speed control unit is suitable and intended only for use with 5DD, 5DDU, 5ADE and 2VLD ventilator models.



Specification Data

Model	Current, A	Weight, lbs	UPC #
5ACC03SC	3	0.3	47185 9
5ACC06SC	6	0.3	47189 7

RPE

Multipurpose Speed Control

Heavy duty rotary type variable speed controller with on/off switch. Brushed aluminum switch plate and screws included.



Specification Data

Model	Voltage, V	Max Current, A	Weight, lbs	UPC #
RPE 10	115	10	1	56010 2
RPE 15	115	15	1	56015 7
RPE 210	230	10	1	56210 6

WC 15

Speed Control ON/OFF

Rotary type variable speed controller with on/off switch. Brushed aluminum switch plate and screws included. Fits standard single gang box.



Specification Data

Model	Voltage, V	Max Current, A	Weight, lbs	UPC #
WC 15	115	5	1	56005 8

5ACC..MS

Motor Disconnect Switch (NEMA)

Provides manual "On-Off" control of single or three phase AC motors where overload protection is not required or is provided separately.



Specification Data

Model	Voltage, V	Current, A	Poles	Max HP	Weight, lbs	UPC #
5ACC01MS	115/230/460	30	2	3	1	56055 3
5ACC02MS	208/230/460	30	3	10	1	56055 1

MTP 10

Potentiometer for speed control

MTP 10 complements K-EC Series.

Specification Data

Model	Voltage	IP Class	Weight, lbs	UPC #
MTP 10	0-10 V	IP 54	0.5	32731 6

NEW



FH 20

Dehumidistat

Wall mounted dehumidistat. Adjustable between 20% and 80% relative humidity. A white powder-coated finish.

Specification Data

Model	Voltage, V	Max Current, A	Weight, lbs	UPC #
FH 20	115	7.5	1	73020 8



ECO-Touch™

Programmable Wall Control

Technologically advanced and feature-rich; the ECO-touch provides contractors and homeowners with a higher level of control over indoor air quality. The MAX mode gives you the extra ventilating power you need to quickly clear the air by taking advantage of the system's powerful fans. During MAX mode, the system exchanges indoor air for outdoor air at maximum speed for a desired period of 20, 40 or 60 minutes.

- Indoor temperature and relative humidity display
- Preferences for desired indoor relative humidity
- LCD backlit touch screen Ventilation movement is displayed on screen
- No battery to replace

Specification Data

Model	Weight, lbs	UPC #
ECO-Touch	1	44007 7



EDF

Triple Function Wall Control Timer

An electronic wall control timer is compatible with all Fantech HRV/ERV models (except SH/VH 704). This control activates the system on 3 possible modes of operation: continuous low speed operation (Green), Intermittent 20 minutes on, 40 minutes off (Yellow) and continuous high speed or boost (Red).

Specification Data

Model	Recirculation Cycle	Weight, lbs	UPC #
EDF 1R	Yes	1	73200 4
EDF 1	No	1	13465 5



RTS

Pushbutton Timer

The pushbutton timer is compatible with Fantech SHR, VHR and SER series models. The button activates the system to run in continuous mode for a period of time, it then returns to the predetermined setting. To cancel this operation, simply press the button a second time.



Specification Data

Model	Boost Time, min	Weight, lbs	UPC #
RTS 2	20	1	13462 4
RTS 3	20-40-60	1	13464 8
RTS 5 *	20-40-60	1	44794 6

* With Flex 100H only

FTD7

7 Day Digital Timer

An electronic 7 day timer with an automatic summer/winter time settings. Two outlets, 8 on/off programs.



Specification Data

Model	Voltage, V	Current, A	Weight, lbs	UPC #
FTD 7	115	15	1	73070 3

MDEH

Low Voltage Dehumidistat

2-wire low voltage dehumidistat control with rotary dial. Just turn the dial to set the humidity level. Multiple units can be used with Fantech HRV's. Install in bathrooms, kitchen or laundry for easy access.



Specification Data

Model	ON/OFF Switc	Weight, lbs	UPC #
MDEH 1	No	1	13474 7
MDEH 2	Yes	1	13476 1

FAT 10

Attic Thermostat

Thermostat for use with attic ventilation systems. Adjustable between 80° and 130° F.



Specification Data

Model	Voltage, V	Current, A	Weight, lbs	UPC #
FAT 10	115	22	1	29110 5

AS DS

Door Switch

Electronic detection mechanical switch. It also has two contacts to separately monitor the open/closed status of the door and the status of the lock.



Specification Data

Model	Contact	Weight, lbs	UPC #
AS DS	Closed / Open	2	29101 3

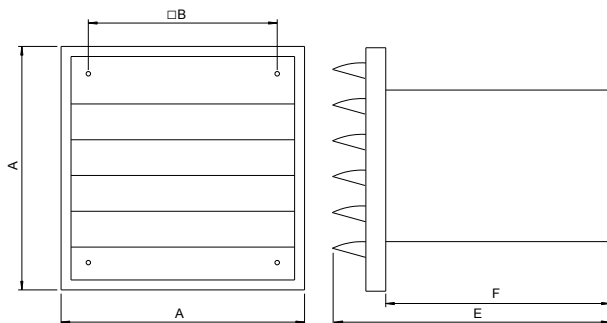
COM

Plastic Supply and Exhaust Hoods

Pair of white plastic hoods (Supply & Exhaust) with metal collars. RAL 9010. Except COM6M, which is all metal construction.



Dimensions



Model	A	B	E*	E**	F	Weight, lbs	UPC #
COM 4P	9 1/8	8 1/2	12 1/4	11 1/8	10 1/2	5	40369 0
COM 5P	9 1/8	8 1/2	13 1/2	12 1/2	12	5	23091 3
COM 6P	9 1/8	8 1/2	13 1/2	12 1/2	12	5	24045 5
COM 6M	-	-	-	-	-	4	24125 4

Dimensions are in inches
* Supply duct ** Exhaust duct

FEL 4

Elbow, 4"

Heavy-duty plastic 90° mounting collar/elbow for use in 2x4 stud walls. With half-inch drywall lip already set, just nail in place and connect duct. Low depth profile makes this elbow the perfect solution for sidewall ventilation within a wall partition.

- for a 4-inch duct



Model	øD	Weight, lbs	UPC #
FEL 4	4	2	64495 6

Dimensions are in inches

AS TS

Thermostat

Two-stage thermostat for heated Air Screens. Switch suitable for 115 or 230 volt supply. 7 amp rating.



Specification Data

Model	Voltage, V	Max Current, A	Weight, lbs	UPC #
AS TS	115 / 230	7	1	29105 1

IR

Iris Damper

The IR is an iris damper for measuring and adjusting air flow. Low noise level, centrally formed air flow and fixed test points for precise measurements. The minimum and maximum air flow settings are adjusted with the help of a measuring nipple, and are fixed mechanically with damper stops.

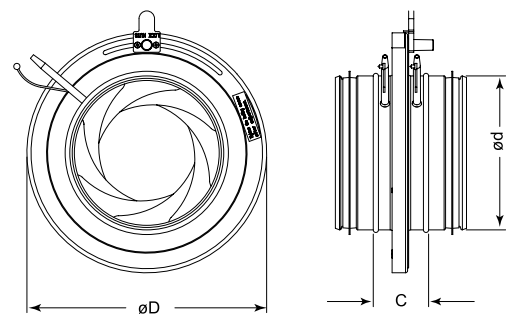


The damper is manufactured from galvanized sheet steel and is fitted with a rubber seal tested for air-tightness. The IR enables the taking of precise air flow measurements at all points including points close to duct deviations such as T junctions and bends, and points in front of other supply-air devices (see below).

Protective distance

before bends	1 X ØD
after bends	1 X ØD
before T-pipes	3 X ØD
after T-pipes	1 X ØD
before supply-air devices	3 X ØD

Dimensions



Model	ød	øD	C	Weight, lbs	UPC #
IR 4	4	6 1/2	2 1/4	2	63040 9
IR 5	5	8 1/4	2 1/2	3	63050 8
IR 6	6	9	2	4	63060 7
IR 8	8	11 1/4	2 1/4	5	63080 5
IR 10	10	13	2 1/4	7	63100 0
IR 12	12	16	2 3/8	8	63120 8
IR 16	16	22	3 1/4	12	63160 4

Dimensions are in inches

LD

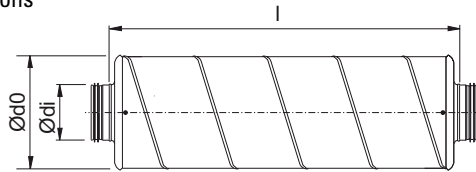
Silencer for circular ducts

Easily-fitted silencer for circular ducts, fitted with a connection which is compatible with a standard spiral duct. The LD effectively reduces noise in the duct. Two silencers can be used together in installations where noise reduction is critical. For the most effective noise reduction, the silencer should be fitted immediately behind a fan or bend.

- Insulation thickness 2 inches



Dimensions



Model	ød1	ød0	l	Weight, lbs	UPC #
LD 4	4	8	23 ⁵ / ₈	13	79040 0
LD 5	5	9	23 ⁵ / ₈	16	79050 9
LD 6	6	10 ¹ / ₄	23 ⁵ / ₈	17	79060 8
LD 8	8	12 ¹ / ₂	23 ⁵ / ₈	20	79080 6
LD 10	10	14	35 ¹ / ₂	26	79100 1
LD 12	12	17 ³ / ₄	35 ¹ / ₂	35	79120 9
LD 16	16	25	35 ¹ / ₂	56	79160 5

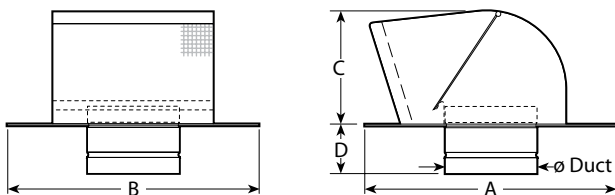
RC

Roof Cap

Roof Cap with damper flap closure, duct connection and screened exhaust opening.



Dimensions



Model	A	B	C	D	Duct	Weight, lbs	UPC #
RC 4	12	12	5 ¹ / ₂	4	4	2	71040 8
RC 5	12	12	5 ¹ / ₂	4	4	3	71050 7
RC 6	14	14	7	4	6	3	71060 6
RC 8	16	16	8	4	8	5	71080 4
RC 10	22	20	10	4	10	7	71100 9
RC 12	22	22	12	4	12	9	71120 7

Dimensions are in inches

RSK

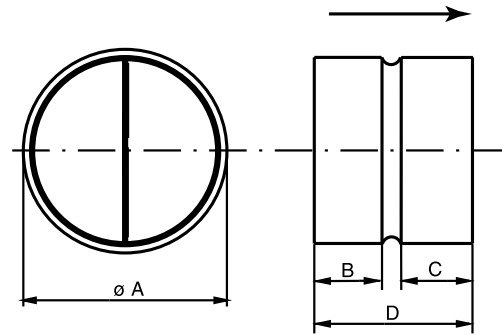
Backdraft Damper

Backdraft damper for circular ducts, manufactured from galvanized sheet steel. The two blades are spring-loaded. Every damper is built with performance in mind.

- Damper can be mounted vertically



Dimensions



Model	øA	D	Weight, lbs	UPC #
RSK 4	4	3 ¹ / ₄	1	69040 3
RSK 5	5	3 ¹ / ₈	1	69050 2
RSK 6	6	3 ¹ / ₈	1	69060 1
RSK 8	8	3 ¹ / ₈	1	69080 9
RSK 10	10	3	2	69100 4
RSK 12	12	3	2	69120 2
RSK 14	14	6 ³ / ₈	4	69140 0
RSK 16	16	6 ³ / ₈	5	69160 8

Dimensions are in inches

FIDT

Insulated Flex Duct

Flexible round insulated duct. The insulation provides greater thermal efficiency to save energy. The product is also covered in a heavy duty, silver jacket for durability. The duct is UL listed. Available in 25-foot lengths.



Model	øD	Weight, lbs	UPC #
FIDT 4	4	7	59040 6
FIDT 5	5	8	59050 5
FIDT 6	6	9	59060 4
FIDT 8	8	11	59080 2
FIDT 10	10	13	59100 7

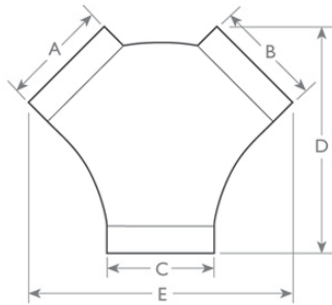
Dimensions are in inches

FY

Y-Connector

Y" adapter for circular ducts. Constructed of galvanized sheet metal.

Dimensions



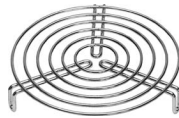
Model	øA	øB	øC	D	E	Weight, lbs	UPC #
FY 4	4	4	4	10 1/2	12 1/2	2	64040 8
FY 5	5	5	5	11	14	2	64050 7
FY 6	6	6	6	12 1/2	13 1/2	2	64060 6
FY 644	4	4	6	-	-	2	64640 0
FY 664	4	6	6	-	-	2	64644 6
FY 866	6	6	8	13	16	3	64806 0
FY 8	8	8	8	10	14	3	64080 4
FY 810	8	8	10	10 1/2	16 1/2	4	64810 7

Dimensions are in inches

IG

Inlet Guard

Wire ring inlet guard used to prevent foreign objects from entering duct line. Zinc chromate plated steel.



Model	øD	Weight, lbs	UPC #
IG 4	4	1	75040 4
IG 5	5	1	75050 3
IG 6	6	1	75060 2
IG 8	8	2	75080 0
IG 10	10	2	75100 5
IG 12	12	2	75120 3

Dimensions are in inches

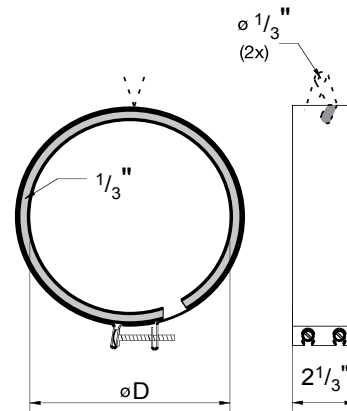
FC

Mounting Clamps

Mounting clips which facilitate the installation and removal of fans for service and cleaning. Made from galvanized sheet steel and fitted with an 1/3" neoprene lining which suppresses vibration and ensures a tight fit. The mounting clips are clamped together by two screws, which allow for connecting ducts with a marginal difference in diameter. Sold in pairs.



Dimensions



Model	øD	Weight, lbs	UPC #
FC 4	4	1	51040 4
FC 5	5	1	51050 3
FC 6	6	2	51060 2
FC 8	8	3	51080 0
FC 10	10	3	51100 5
FC 12	12	4	51120 3
FC 12-315	315 mm	4	51125 8

Dimensions are in inches

DBLT 4W

Lint Trap for Dryer Booster

Galvanized metal lint trap for dryer boosting applications. Use when duct length between dryer and booster fan is less than 15 feet. Fits 4-inch duct. Features pull out white door with a view window with attached removable lint filter for easy cleaning and 1/2" flange for flush mount installation. The lint trap complements all Fantech dryer booster fans.



Specification Data

Model	Duct Size, inch	Weight, lbs	UPC #
DBLT 4W	4	4	12004 7

ACCS

AC Current Sensing Switch

Current sensing switch relay. 120V, 2.5 A.



Specification Data

Model	Max Current, A	Weight, lbs	UPC #
ACCS 40	2.5	1	40361 4

DB 10

Pressure Switch

Automatic pressure switch allows for fully automatic operation of dryer booster fan. Fan runs for 10 minutes when positive pressure is sensed in the duct line then shuts off and turns on again as needed.



Specification Data

Model	Voltage, V	Max Current, A	Weight, lbs	UPC #
DB 10	115	2	1	12010 2

FPS

Pos/Neg Pressure Switch

Universal pressure switch. Adjustable between .05" to 1.0" water differential pressure. Using either positive or negative pressure sensing for duct line.



Specification Data

Model	Voltage, V	Max Current, A	Weight, lbs	UPC #
FPS 10	115	10	2	12012 2

RHF / RPFH

Replacement Filter

Replacement filter package includes 1 pre filter and 1 carbon filter. Filters also available in bulk packs of 24 pieces for RPFH (RPFH1315B) and 12 pack RHF (RHF16B).



Specification Data

Model	Filter Type	Weight, lbs	UPC #
RPFH 1315	Carbon / Pre filter	3	47624 3
RPFH 1315B	Carbon / Pre filter	19	47626 7
RHF 16	HEPA	3	47620 5
RHF 16B	HEPA	22	47622 9

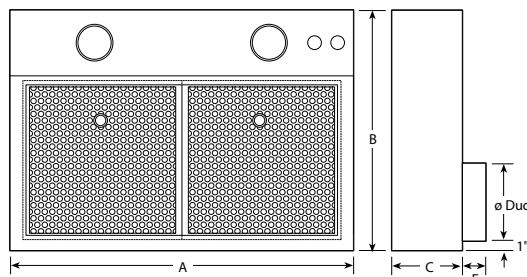
SHL/SGHL

Kitchen Hood Liner

SHL Series range hood liners are made from commercial grade 304, 22-gauge stainless steel. Both series feature a built-in infinite speed control for the fan, washable aluminum filters and dimmable halogen lights (bulbs included). SGHL Series hood liners are made from 22 gauge, 304 stainless fascia with a galvanized steel body. Available in 36", 42", and 48" widths. UL approved.



Dimensions



Specification Data

Model	A	B	C	øD	Weight, lbs	UPC #
SHL 36	34 1/2	22	6	8	29	47036 4
SHL 42	40 1/2	22	6	10	32	47042 5
SHL 48	46 1/2	22	6	10	36	47048 7
SGHL 30	28 1/2	18	4	6	15	47530 7
SGHL 36	34 1/2	18	4	8	19	47536 9

Dimensions are in inches

SGHF

Replacement Filter

Washable hood liner grease screen/filter
Size 13 3/4" x 14 1/8". Used with SHL / SGHL.



Specification Data

Model	Replacement for	Weight, lbs	UPC #
SGHF 30	Hood Liner SGHL 30	2	47598 7
SGHF 36	Hood Liner SGHL 36	2	47599 4
SHF 36/42/48	Hood Liner SHL 36, 42 & 48	2	47900 8

FBRF

Replacement Filter

Pleated, non-washable. Rated MERV13 (Arrestance of >98% based on Standard 52). Listed UL 900 for the US and Canada.



Model	Replacement for	Weight, lbs	UPC #
FBRF 6	Inline Filter Box FB 6	1	40390 4

5ACC..FS, 5ACC..FT

Fixed Non-Ventilated Curb

Manufactured from heavy gauge galvanized steel. Corners are welded construction. The curb features fiberglass insulation that deadens sound and minimizes heat loss. The unit equipped with shutter flanges and 1 1/2" and a wood nailer (fixed roof curbs only). Class 2.



Specification Data

Model 8" / 12"	Fan Size	Weight, lbs	UPC #
5ACC15FS	REC 54/6	24	49580 0
5ACC19FS	REC 8..10	24	71062 0
5ACC17FS / 5ACC17FT	10	24 / 29	47206 1 / 47207 8
5ACC20FS / 5ACC20FT	12, 13	28 / 33	47212 2 / 47213 9
5ACC24FS / 5ACC24FT	15, 16	33 / 38	47217 7 / 47941 1
5ACC28FS / 5ACC28FT	18, 20	40 / 48	47221 4 / 47222 1
5ACC32FS / 5ACC32FT	24	46 / 53	47226 9 / 47227 6
5ACC40FS / 5ACC40FT	30	57 / 68	47233 7 / 47901 5
5ACC44FS / 5ACC44FT	36	68 / 73	47237 5 / 47238 2

5ACC..VC

Fixed Ventilated Curb

Manufactured from galvanized steel. The curb features stamped louvers on curb sides that provide ventilation to hot exhaust ducts to protect building and roof members. Self-flashing design incorporates flat mounting flange for fastening directly to the roof deck.



Specification Data

Model	Fan Size	Curb Height, inch	Weight, lbs	UPC #
5ACC17VC	10	24	38	47208 5
5ACC20VC	12, 13	24	38	47214 6
5ACC24VC	15, 16	24	47	47219 1
5ACC28VC	18, 20	24	54	47223 8
5ACC32VC	24	24	52	47228 3
5ACC40VC	30	18	63	47234 4
5ACC44VC	36	18	92	47665 6

5ACC..GC

Grease Collector

The grease collector box manufactured from heavy gauge galvanized steel. It fastens to a ventilator base. Easy to remove for cleaning. Diverts and traps heavy residual grease while protecting roof surface. Available in 2 sizes. Class 1.



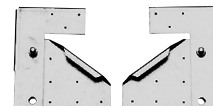
Specification Data

Model 8" / 12"	Fan Size	Length, inch	Width, inch	Weight, lbs	UPC #
5ACC00GC	10 - 13	14	5	4	47178 1
5ACC01GC	15 - 36	24	7	12	47180 4

5ACC..HK

Hinge Kit

Model 5ACC00HK suitable for 10"-20" and model 5ACC01HK suitable for 24"-36". Allows entire fan to swing away for access to the wheel and ductwork.



Specification Data

Model	Fan Size	Weight, lbs	UPC #
5ACC00HK	10 - 20	4	47179 8
5ACC01HK	24 - 36	40	47181 1

1ACC..MD

Motorized Damper

Manufactured from 14-gauge galvanized steel frame 2" deep with 1" flange. For quiet operation steel blades have felted edges. Damper is equipped with a motor to open and a spring return to close. Maximum airflow is 3500 FPM. 120/240V, 0.19/0.11A, 60 Hz. 54MD and 60MD models are 240V only.



Specification Data

Model	Fan Size	Recommended Wall Opening	Outside Flange, inch	Weight, lbs	UPC #
1ACC24MD	24	25 x 25	27 x 27	29	47011 1
1ACC30MD	30	31 x 31	33 x 33	39	47016 6
1ACC36MD	36	37 x 37	39 x 39	51	47021 0
1ACC42MD	42	43 x 43	45 x 45	67	47026 5
1ACC48MD	48	49 x 49	51 x 51	83	47031 9
1ACC54MD	54	55 x 55	57 x 57	114	47422 3
1ACC60MD	60	61 x 61	63 x 63	130	47980 0

FQ FD

Radiation Damper

Fire/Radiation Damper is UL classified for T-bar, hanger rod/ wire ceiling installation and classified according to UL 555C for use in 3-hour fire rated floor/ ceiling or roof/ceiling assemblies. For use with Fantech FQ Series non-lighted exhaust fans.

Specification Data

Model	Fire rating, hr	Mounting	Weight, lbs	UPC #
FQ FD	3	T-bar	2	46975 7

NEW



5ACC..RD

Roof Mount Damper

Manufactured from 19-gauge galvanized steel frame 2" deep with 1" flange. For quiet operation aluminum blades have felted edges. Pre-punched conduit hole knock-out. Class 1.



Specification Data

Model	Fan Size	Recommended Roof Opening	Outside Flange, inch	Weight, lbs	UPC #
5ACC12RD	10	12 1/2 x 12 1/2	12 x 12	3	47196 5
5ACC15RD	12, 13	15 1/2 x 15 1/2	15 x 15	4	47203 0
5ACC19RD	15, 16	19 1/2 x 19 1/2	19 x 19	5	47210 8
5ACC23RD	18, 20	23 1/2 x 23 1/2	23 x 23	9	47215 3
5ACC27RD	24	27 1/2 x 27 1/2	27 x 27	11	47220 7
5ACC35RD	30	35 1/2 x 35 1/2	35 x 35	16	47229 0
5ACC39RD	36	39 1/2 x 39 1/2	39 x 39	21	47232 0

1ACC..WD

Wall Damper

Single panel exhaust shutter manufactured from 19-gauge galvanized steel frame 3" deep with 1 5/8" flange. For quiet operation aluminum blades have felted edges. The damper is designed for use with 2VLD ventilator models. Models 42WD and 48WD have double panel.



Specification Data

Model	Fan Size	Recommended Wall Opening	Outside Flange, inch	Weight, lbs	UPC #
1ACC12WD	12	13 x 13	15 x 15	5	47004 3
1ACC16WD	16	17 x 17	19 x 19	6	47006 7
1ACC18WD	14	19 x 19	21 x 21	6	47008 1
1ACC20WD	20	21 x 21	23 x 23	7	47010 4
1ACC24WD	24	25 x 25	27 x 27	9	47014 2
1ACC30WD	30	31 x 31	33 x 33	17	47019 7
1ACC36WD	36	37 x 37	39 x 39	22	47024 1
1ACC42WD	42	43 x 43	45 x 45	26	47029 6
1ACC48WD	48	49 x 49	51 x 51	31	47029 0

1ACC..WH

Weatherhood

Shield fan and damper opening in walls from rain and snow. For direct- and belt-drive propeller fans. Sized to easily mount to wall collar. Galvanized steel construction. A bird screen is included. Weatherhoods are shipped unassembled with assembly hardware included.



Specification Data

Model	Fan Size	Recommended Wall Opening	Outside Flange, inch	Weight, lbs	UPC #
1ACC24WH		13 x 13	15 x 15	31	47015 9
1ACC30WH		17 x 17	19 x 19	44	47020 3
1ACC36WH		19 x 19	21 x 21	58	47025 8
1ACC42WH		21 x 21	23 x 23	74	47030 2
1ACC48WH		25 x 25	27 x 27	97	47035 7

1ACC..CS

Ceiling mount Shutter

Square aluminium white mount with adjustable deflectors. RAL 9010. The mount can be used in residential premises along with WHV Series for stale air. It is intended for mounting into wall, ceiling, or into window sill. CS is supplied with springs as a standard.



Specification Data

Model	Fan Size	Recommended Opening, inch	Free area, sq.ft.	Weight, lbs	UPC #
1ACC24CS	24	24 x 24	4	4	49932 7
1ACC30CS	30	30 x 30	6.25	4	47885 8
1ACC36CS	36	36 x 36	9	5	47610 6

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