LENNOX

ENGINEERING DATA

CONDENSING UNITS

HS32

ELITE 13™ SERIES

2 to 5 Ton (5.3 to 17.6 kW)

SEER - 11.35 to 15.00

Cooling Capacity - 23,600 to 61,000 Btuh (6.9 to 17.9 kW)

Bulletin No. 210255
July 2000
Supersedes February 2000

LENNOX Environ™ SYSTEMS

CERTIFICATION APPLIES ONLY WHEN THE COMPLETE SYSTEM IS LISTED WITH ARI

UL LISTED

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MODEL NUMBER IDENTIFICATION

HS32 - 036 - 1 P

Unit Type
HS = High Side Condensing Unit

Series

Cooling Capacity Tons (kW)
024 = 2 (7.0)
030 = 2.5 (8.8)
036 = 3 (10.6)
042 = 3.5 (12.3)
048 = 4 (14.1)
060 = 5 (17.6)

Minor Revision Number

Voltage
P = 208/230v-1 phase-60hz

FEATURES

Application
- SEER up to 15.00.
- 2 through 5 ton (5.3 through 17.6 kW).
- Single phase power supply.
- Vertical air discharge allows concealment behind shrubs at grade level or out of sight on a roof.
- Matching blower powered or add-on furnace evaporator units provide a wide range of cooling capacities and applications. See ARI Ratings table.
- For evaporator unit data, see Coils - Blower Coil Units, this section.
- Units shipped completely factory assembled, piped and wired. Each unit is test operated at the factory insuring proper operation.
- Installer must set condensing unit, connect refrigerant lines and make electrical connections to complete job.

Approvals
- Certified in accordance with USE certification program which is based on ARI Standard 210/240-94.
- Sound rated in Lennox reverberant sound test room in accordance with test conditions included in ARI Standard 270-95.
- Tested in the Lennox Research Laboratory environmental test room.
- Rated according to U.S. Department of Energy (DOE) test procedures.
- Condensing units and components within bonded for grounding to meet safety standards for servicing required by UL and CEC.
- Units are UL and ULC listed.
- Developed in accordance with ISO 9002 quality standards.

Equipment Warranty
- Compressor — limited warranty for ten years in residential installations and five years in non-residential installations.
- All other covered components — five years in residential installations and one year in non-residential installations.
- Refer to Lennox Equipment Limited Warranty certificate included with unit for specific details.

NOTE - Due to Lennox' ongoing committment to quality, Specifications, Ratings and Dimensions subject to change without notice and without incurring liability.
Improper installation, adjustment, alteration, service or maintenance can cause property damage or personal injury.
Installation and service must be performed by a qualified installer and servicing agency.

FEATURES

Refrigerant
- Non-chlorine, ozone friendly, R410A.
- Unit pre-charged with refrigerant. See Specification table.

Cabinet
- Heavy gauge galvanized steel cabinet with five station metal wash process.
- Powder paint finish provides superior rust and corrosion protection.
- Painted base section.
- Compressor and control box located in a separate compartment insulated with thick fiberglass insulation. Compartment provides protection from the weather and keeps sound transmission at a minimum.
- Control box is conveniently located with all controls factory wired.
- Large removable panel provides service access.
- Drainage holes are provided in base section for moisture removal.
- High density polyethylene feet raise the unit off of the mounting surface away from damaging moisture.
- Non-corrosive PVC (polyvinyl chloride) coated steel wire condenser coil guard is furnished.

Copeland® Compliant Scroll™ Compressor

- Compressor features high efficiency with uniform suction flow, constant discharge flow and high volumetric efficiency and quiet operation.
- Compressor consists of two involute spiral scrolls matched together to generate a series of crescent shaped gas pockets between them.
- During compression, one scroll remains stationary while the other scroll orbits around it.
- Gas is drawn into the outer pocket, the pocket is sealed as the scroll rotates.
- As the spiral movement continues, gas pockets are pushed to the center of the scrolls. Volume between the pockets is simultaneously reduced.
- When pocket reaches the center, gas is now at high pressure and is forced out of a port located in the center of the fixed scrolls.
- During compression, several pockets are compressed simultaneously resulting in a smooth continuous compression cycle.
- Continuous flank contact, maintained by centrifugal force, minimizes gas leakage and maximizes efficiency.
- Scroll compressor is tolerant to the effects of slugging and contaminants. If this occurs, scrolls separate, allowing liquid or contaminants to to be worked toward the center and discharged.
- Low gas pulses during compression reduces operational sound levels.
- Compressor motor is internally protected from excessive current and temperature.
- Compressor is installed in the unit on resilient rubber mounts for vibration free operation.

Hi-Capacity Drier
- Traps moisture or dirt that could contaminate refrigerant system.
- Furnished as standard for field installation.

High Pressure Switch
- Shuts off unit if abnormal operating conditions cause the discharge pressure to rise above setting.
- Protects compressor from excessive condensing pressure.
- Manual reset.

Low Pressure Switch
- Shuts off unit if suction pressure falls below setting.
- Provides loss of charge and freeze-up protection.
- Automatic reset.

Timed-Off Control
- Prevents compressor short-cycling and allows time for suction and discharge pressure to equalize, permitting the compressor to start in an unloaded condition.
- Automatic reset control provides a five minute time delay between compressor shutoff and start-up.

Copper Tube/Enhanced Fin Coil
- Lennox designed and fabricated coil.
- Ripple-edged aluminum fins.
- Copper tube construction**.**
- Lanced fins provide maximum exposure of fin surface to air stream resulting in excellent heat transfer.
- Fin collars grip tubing for maximum contact area.
- Flared shoulder tubing connections/silver soldering construction**.**
- Coil is factory tested under high pressure to insure leakproof construction.
- Entire coil is accessible for cleaning.
- PVC (polyvinyl chloride) coated steel wire coil guard furnished as standard.

Condenser Fan
- Direct drive fan moves large air volumes uniformly through entire condenser coil for high refrigerant cooling capacity.
- Vertical air discharge minimizes operating sounds and eliminates damage to lawn and shrubs.
- Fan motor is inherently protected.
- Motor totally enclosed for maximum protection from weather, dust and corrosion.
- Rain shield on motor provides additional protection from moisture.
- Corrosion resistant PVC (polyvinyl chloride) coated steel wire fan guard is furnished as standard.
- Fan service access accomplished by removal of fan guard.

Refrigerant Line Connections, Electrical Inlets and Service Valves
- Suction and liquid lines are located inside of the cabinet and are made with sweat connections. See dimension drawing.
- Fully serviceable brass service valves prevent corrosion and provide access to refrigerant system. Suction valve can be fully shut off, while liquid valve may be front seated to manage refrigerant charge while servicing system.
- Suction and liquid line service valves and gauge ports are located inside the cabinet.
- Refrigerant line connections and field wiring inlets are located in one central area of the cabinet. See dimension drawing.

Expansion Valve Kits
- **Expansion valve shipped with condensing unit MUST be field installed on evaporator unit. Factory installed expansion valves on evaporator units MUST be replaced with valve shipped with condensing unit.**
- Chatleff style fitting.
- Furnished as standard for field installation.

OPTIONAL ACCESSORIES - MUST BE ORDERED EXTRA

Thermostat
- Thermostat is not furnished with the unit and must be ordered extra.
- See Thermostats and Controls section and Lennox Price Book.

Refrigerant Line Kits

Refrigerant lines (suction & liquid) are shipped refrigeration clean. Lines are cleaned, dried, pressurized and sealed at factory.
- Suction line fully insulated.
- L15 lines are stubbed at both ends.
- See Refrigerant Line Kit table for selection.
- Kit is not available for HS32-060 model and must be field fabricated.

Low Ambient Kit
- Condensing units will operate satisfactorily down to 45°F (7°C) outdoor air temperature without any additional controls.
- Kit LB-57113BC (**24H77**) can be added in the field enabling unit to operate properly down to 30°F (-1°C).

Mounting Base
- Provides permanent foundation for condensing units.
- High density polyethylene structural material is lightweight, sturdy, sound absorbing and will withstand the rigors of the sun, heat, cold, moisture, oil and refrigerant. Will not mildew or rot.
- Can be shipped singly or in packages of 6 to a carton.
- See Specifications table.

SPECIFICATIONS

Model No.			HS32-024	HS32-030	HS32-036	HS32-042	HS32-048	HS32-060
Nominal Tonnage (kW)			2 (7.0)	2.5 (8.8)	3 (10.6)	3.5 (12.3)	4 (14.1)	5 (17.6)
Liquid line - o.d. connection (sweat) - in. (mm)			3/8 (9.5)					
Suction line - o.d. connections (sweat) - in. (mm)			3/4 (19.1)			7/8 (22.2)		1-1/8 (28.6)
[1] Refrigerant charge furnished (R-410A)			5 lbs. 7 oz. (2.47 kg)	6 lbs. 0 oz. (2.72 kg)	7 lbs. 14 oz. (3.57 kg)	8 lbs. 3 oz. (3.71 kg)		11 lbs. 5 oz. (5.13 kg)
Condenser Coil	Net face area - sq. ft. (m2)	Outer coil	11.9 (1.11)	16 (1.49)			18.3 (1.70)	21.8 (2.03)
		Inner coil	5.5 (0.51)	5.6 (0.52)	13.3 (1.24)			21.1 (1.96)
	Tube diameter - in. (mm)		5/16 (7.9)					
	No. of rows		1.46	1.35	1.83		1.73	2
	Fins per inch (m)		22 (866)					
Condenser Fan	Diameter - in. (mm)		20 (508)	24 (610)				
	No. of blades		4	3			4	
	Motor hp (W)		1/6 (124)				1/4 (187)	
	Cfm (L/s)		2450 (1115)	3150 (1485)			3900 (1840)	4200 (1980)
	Rpm		825				820	
	Watts		210	225			310	350
Shipping weight - lbs. (kg) 1 package			187 (85)	222 (101)	238 (108)		258 (117)	312 (142)

OPTIONAL ACCESSORIES - MUST BE ORDERED EXTRA

Low Ambient Kit		LB-57113BC **(24H77)**		
Mounting Base	Model No.	MB2-S **(69J06)**	MB2-L **(69J07)**	
	Net Weight	6 lbs. (3 kg)	15 lbs. (7 kg)	
	Dimensions - in. (mm)	22-1/4x22-1/4x3 (565 x 565x76)	32 x 34 x 3 (813 x 864 x 76)	

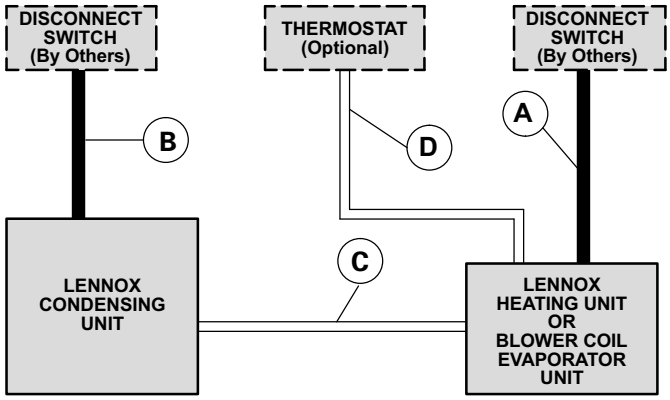
[1] Refrigerant charge sufficient for 20 ft. (6.0 m) length of refrigerant lines.

ELECTRICAL DATA

Model No.		HS32-024	HS32-030	HS32-036	HS32-042	HS32-048	HS32-060
Line voltage data - 60hz - 1 phase		208/230v					
Rec. Max fuse/circuit breaker size (amps)		30		35	40	45	60
[1] Minimum circuit ampacity		17.9	19.6	20.4	25.3	27.5	36.2
Compressor	Rated load amps	13.5	14.8	15.4	19.3	20.6	27.6
	Locked rotor amps	61	73	83	104	109	158
	Power factor	0.98		0.95	0.97	0.97	0.98
Condenser Coil Fan Motor	Full load amps	1.1				1.7	
	Locked rotor amps	2				3.1	

[1] Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements.
NOTE — Extremes of operating range are plus 10% and minus 5% of line voltage.

FIELD WIRING



A — Two or Three Wire Power (not furnished)

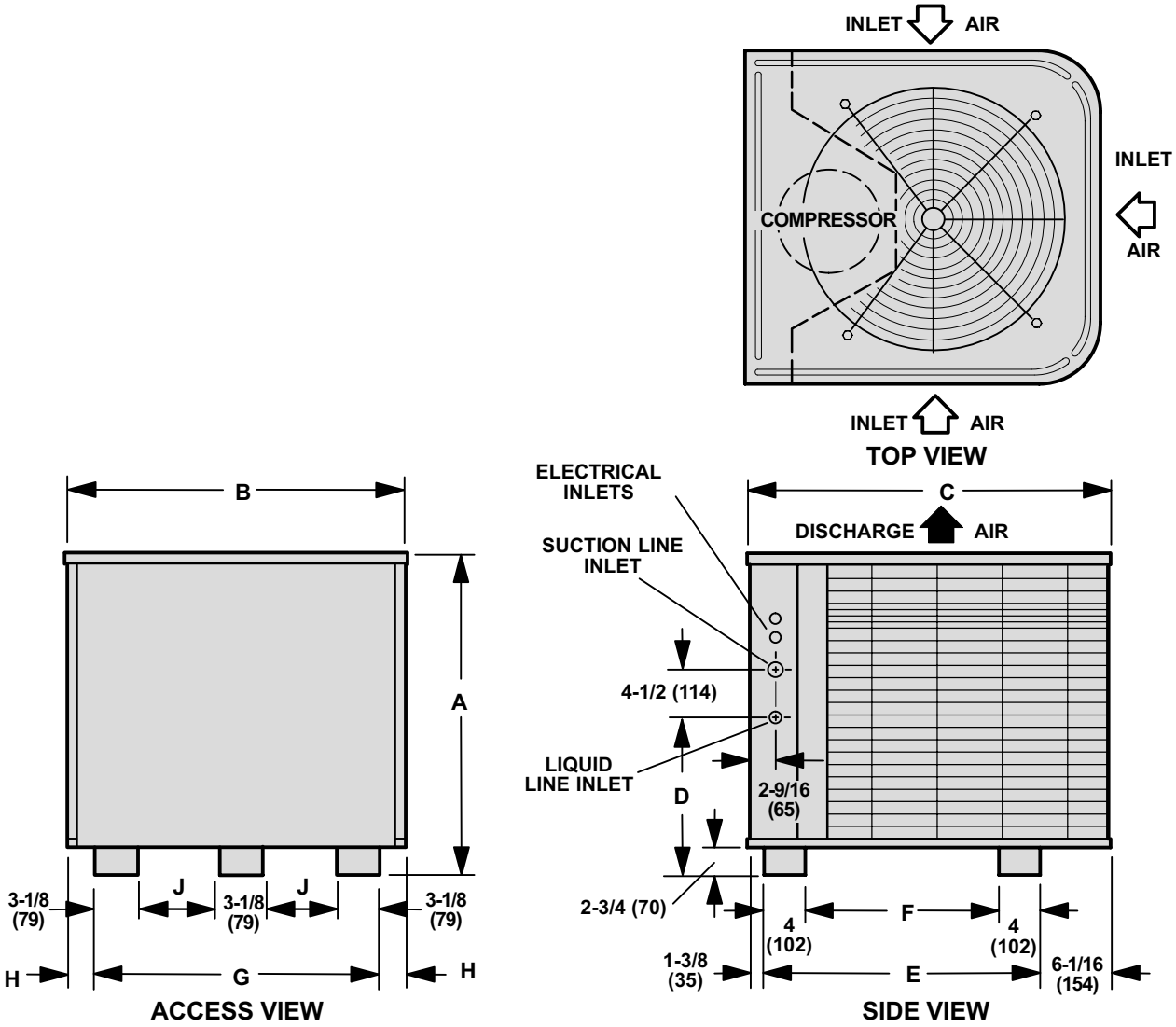
B — Two Power (not furnished) — See Electrical Data

C — Two Wire Low Voltage (not furnished) — 18 ga. minimum

D — Four Wire Low Voltage (not furnished) — 18 ga. minimum

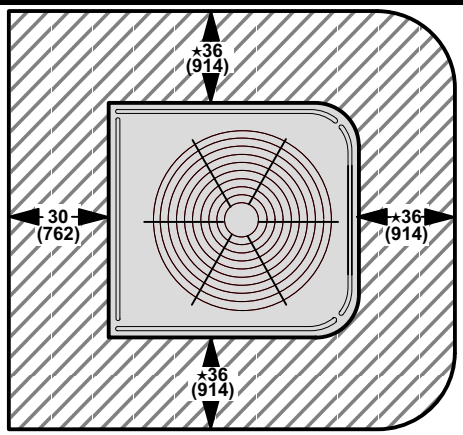
All wiring must conform to NEC or CEC and local electrical codes.

DIMENSIONS • INCHES (MM)



Model No.		A	B	C	D	E	F	G	H	J
HS32-024	in.	27-7/8	25-7/8	29-7/8	12-1/2	22-7/16	14-7/16	22-1/4	1-13/16	6-7/16
	mm	708	657	759	318	570	367	565	46	164
HS32-030 HS32-036 HS32-042	in.	30-7/8	32-1/8	34-1/16	13	26-5/8	18-5/8	27-5/8	2-1/4	9-1/8
	mm	784	816	865	330	676	473	702	57	232
HS32-048	in.	34-7/8	32-1/8	34-1/16	14	26-5/8	18-5/8	27-5/8	2-1/4	9-1/8
	mm	886	816	865	356	676	473	702	57	232
HS32-060	in.	40-7/8	32-1/8	34-1/16	20	26-5/8	18-5/8	27-5/8	2-1/4	9-1/8
	mm	1038	816	865	508	676	473	702	57	232

INSTALLATION CLEARANCES - IN. (MM)



★ One side of unit may be 12 in. (305 mm)
One of the remaining sides may be 6 in. (152 mm)
NOTE - 48 in (1219 mm) clearance required on top of unit
NOTE - 24 in. (610 mm) required between two units

REFRIGERANT LINE KITS

Condensing Unit Model No.	Line Set Model No.	Length of Suction & Liquid Lines		Liquid Line (o.d.)		Suction Line (o.d.)	
		ft.	m	in.	mm	in.	mm
HS32-024 HS32-030 HS32-036	L15-41-20	20	6	3/8	9.5	3/4	19
	L15-41-30	30	9				
	L15-41-40	40	12				
	L15-41-50	50	15				
HS32-042 HS32-048	L15-65-30	30	9	3/8	9.5	7/8	22.2
	L15-65-40	40	12				
	L15-65-50	50	15				
HS32-060	Field Fabricate			3/8	9.5	1-1/8	22.2

ARI RATINGS

Unit Size Model No. [2]Sound Rating Number	[1]ARI Standard 210/240 Ratings					Up-Flow	Down-Flow	Horizontal	Expansion Device Required
	Cooling Cap.		SEER	EER	Total Unit Watts	Evaporator Coils			
	Btuh	kW							
2 Ton HS32-024 (70 db)	23,600	6.9	11.35	9.80	2405	C23-21	- - - -	- - - -	Expansion valve shipped with condensing unit **MUST** be field installed on evaporator unit. Factory installed expansion valves on evaporator units **MUST** be replaced with valve shipped with condensing unit.
	25,400	7.4	11.85	10.20	2490	C33-24A/B	- - - -	- - - -	
						C23-26	- - - -	- - - -	
	26,000	7.6	12.10	10.40	2495	C33-30A/B	- - - -	- - - -	
						[3]C23-31	- - - -	- - - -	
	26,400	7.7	12.20	10.60	2495	C33-36A/B/C	- - - -	- - - -	
						C23-41	- - - -	- - - -	
	26,600	7.8	12.30	10.65	2495	C26-26	- - - -	- - - -	
	26,800	7.9	12.80	11.00	2440	C26-31	- - - -	- - - -	
	27,400	8.0	13.00	11.20	2450	C33-38A/B	- - - -	- - - -	
						C26-41			
	24,400	7.2	11.65	10.05	2430	- - - -	CR26-21	- - - -	
	26,400	7.7	12.50	10.65	2475	- - - -	CR26-31	- - - -	
	27,200	8.0	12.80	10.90	2495	- - - -	CR26-41	- - - -	
	25,600	7.5	11.85	10.30	2490	- - - -	- - - -	CH23-21	
	26,000	7.6	12.05	10.40	2495	- - - -	- - - -	CH33-30A-F	
						- - - -	- - - -	CH23-31	
	27,000	7.9	12.50	10.80	2500	- - - -	- - - -	CH33-36A/B-F	
						- - - -	- - - -	CH23-41	
	27,200	8.0	12.70	11.00	2475	- - - -	- - - -	CH33-44B-F	
						- - - -	- - - -	CH23-51	
	Btuh	kW	SEER	EER	Watts	Blower Coil Units			
	25,000	7.3	12.00	10.25	2440	CB29M-21/26 (Multi-Position)			
	26,600	7.8	12.25	10.60	2510	CB29M-31 (Multi-Position)			
	27,200	8.0	12.65	10.90	2495	CB30M-21/26 (Multi-Position)			
	27,200	8.0	12.65	10.90	2495	CB30U-21/26	- - - -	- - - -	
	27,400	8.0	13.50	11.35	2415	CB30M-31 (Multi-Position)			
	27,400	8.0	13.50	11.35	2415	CB30U-31	- - - -	- - - -	
	28,000	8.2	14.00	12.00	2330	CB31MV-41 (Multi-Position)			

NOTE — These are the only approved system match-ups. For other matches, contact the Lennox Applications Department.

NOTE - Ratings for all C33 coils include both cased and uncased coils.

[1]Certified in accordance with USE certification program which is based on ARI Standard 210/240; 95°F (35°C) outdoor air temperature, 80°F (27°C) db / 67°F (19°C) wb entering evaporator air with 25 ft. (7.6 m) of connecting refrigerant lines.

[2]Sound Rating Number rated in accordance with test conditions included in ARI Standard 270.

[3]Most popular evaporator coil.

ARI RATINGS

Unit Size Model No. [2]Sound Rating Number	[1]ARI Standard 210/240 Ratings					Up-Flow	Down-Flow	Horizontal	Expansion Device Required
	Cooling Cap.		SEER	EER	Total Unit Watts	Evaporator Coils			
	Btuh	kW							
2.5 Ton HS32-030 (72 db)	27,600	8.1	12.55	10.65	2590	C23-26	- - - -	- - - -	Expansion valve shipped with condensing unit **MUST** be field installed on evaporator unit. Factory installed expansion valves on evaporator units **MUST** be replaced with valve shipped with condensing unit.
	28,600	8.4	12.60	10.85	2640	C33-30A/B	- - - -	- - - -	
						[3]C23-31	- - - -	- - - -	
	28,800	8.4	12.95	10.95	2625	C26-26	- - - -	- - - -	
	29,000	8.5	12.90	11.00	2640	C33-36A/B/C	- - - -	- - - -	
						C23-41	- - - -	- - - -	
	30,000	8.8	13.35	11.30	2650	C26-31	- - - -	- - - -	
	30,400	8.9	13.50	11.45	2650	C33-38A/B	- - - -	- - - or - - - -	
						C26-41	- - - -	- - - or - - - -	
	30,800	9.0	13.60	11.60	2650	C26-46	- - - -	- - - -	
	29,400	8.6	13.00	11.10	2645	- - - -	CR26-31	- - - -	
	30,200	8.9	13.40	11.40	2650	- - - -	CR26-41	- - - -	
	30,200	8.9	13.35	11.40	2650	- - - -	CR26-51	- - - -	
	28,200	8.3	12.55	10.70	2640	- - - -	- - - -	CH23-21	
	28,600	8.4	12.75	10.80	2640	- - - -	- - - -	CH33-36A/B-F	
						- - - -	- - - -	CH23-31	
	29,800	8.7	13.25	11.25	2645	- - - -	- - - -	CH23-41	
						- - - -	- - - -	CH33-42B-F	
	30,400	8.9	13.50	11.45	2650	- - - -	- - - -	CH33-44B-F	
						- - - -	- - - -	CH23-51	
	Btuh	**kW**	**SEER**	**EER**	**Watts**	**Blower Coil Units**			
	27,000	7.9	12.20	10.35	2605	CB29M-21/26 (Multi-Position)			
	28,800	8.4	12.90	10.90	2640	CB29M-31 (Multi-Position)			
	29,200	8.6	13.05	11.10	2630	CB29M-41 (Multi-Position)			
	29,400	8.6	13.35	11.30	2605	CB30M-21/26 (Multi-Position)			
						CB30U-21/26	- - - -		
	30,600	9.0	14.10	11.95	2565	CB30M-31 (Multi-Position)			
						CB30U-31	- - - -		
	30,600	9.0	14.10	11.90	2575	CB30M-41 (Multi-Position)			
						CB30U-41/46	- - - -		
	31,000	9.1	14.10	11.90	2600	CB30M-46 (Multi-Position)			
	31,000	9.1	14.70	12.55	2470	CB31MV-41 (Multi-Position)			
3 Ton HS32-036 (72 db)	34,400	10.1	12.90	10.90	3150	C23-31	- - - -	- - - -	Expansion valve shipped with condensing unit **MUST** be field installed on evaporator unit. Factory installed expansion valves on evaporator units **MUST** be replaced with valve shipped with condensing unit.
	35,000	10.3	13.00	11.05	3165	C33-36A/B/C	- - - -	- - - -	
						[3]C23-41	- - - -	- - - -	
	35,600	10.4	13.25	11.20	3175	C23-46	- - - -	- - - -	
	35,800	10.5	13.55	11.40	3135	C26-31	- - - -	- - - -	
	36,800	10.8	13.70	11.55	3180	C33-38B	- - - -	- - - -	
						C26-41	- - - -	- - - -	
	37,000	10.8	13.80	11.65	3175	C23-51	- - - -	- - - -	
	37,400	11.0	13.75	11.75	3180	C26-46	- - - -	- - - -	
	37,800	11.1	14.00	11.90	3180	C33-50C	- - - -	- - - -	
						C23-51/65	- - - -	- - - -	
	37,800	11.1	14.05	11.90	3180	C26-51/65	- - - -	- - - -	
	35,000	10.3	13.25	11.20	3130	- - - -	CR26-31	- - - -	
	36,600	10.7	13.60	11.50	3180	- - - -	CR26-41	- - - -	
	36,600	10.7	13.60	11.55	3175	- - - -	CR26-51	- - - -	
	34,800	10.2	12.85	11.00	3170	- - - -	- - - -	CH23-31	
						- - - -	- - - -	CH33-36A/B/C-F	
	36,400	10.7	13.50	11.45	3180	- - - -	- - - -	CH23-41	
						- - - -	- - - -	CH33-48C-F	
	37,000	10.8	13.75	11.65	3180	- - - -	- - - -	CH33-50C-F	
						- - - -	- - - -	CH23-51	
	Btuh	**kW**	**SEER**	**EER**	**Watts**	**Blower Coil Units**			
	34,000	10.0	13.10	11.05	3070	CB29M-31 (Multi-Position)			
	35,400	10.4	13.05	11.05	3200	CB29M-41 (Multi-Position)			
	36,600	10.7	13.65	11.55	3170	CB29M-46 (Multi-Position)			
	36,800	10.8	14.10	12.05	3050	CB30M-31 (Multi-Position)			
						CB30U-31	- - - -		
	37,000	10.8	14.10	12.00	3085	CB30M-41 (Multi-Position)			
						CB30U-41/46	- - - -		
	37,400	11.0	14.60	12.45	3000	CB31MV-41 (Multi-Position)			
	37,600	11.0	14.30	12.15	3090	CB30M-46 (Multi-Position)			

NOTE — These are the only approved system match-ups. For other matches, contact the Lennox Applications Department.

NOTE - Ratings for all C33 coils include both cased and uncased coils.

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[2]Sound Rating Number rated in accordance with test conditions included in ARI Standard 270.

[3]Most popular evaporator coil.

ARI RATINGS

Unit Size Model No. [2]Sound Rating Number	[1]ARI Standard 210/240 Ratings					Up-Flow	Down-Flow	Horizontal	Expansion Device Required
	Cooling Cap.		SEER	EER	Total Unit Watts	Evaporator Coils			
	Btuh	kW							
3.5 Ton HS32-042 (73 db)	38,500	11.3	12.30	10.45	3685	C23-41	- - - -	- - - -	Expansion valve shipped with condensing unit **MUST** be field installed on evaporator unit. Factory installed expansion valves on evaporator units **MUST** be replaced with valve shipped with condensing unit.
	40,000	11.7	12.50	10.65	3750	C33-42B	- - - -	- - - -	
						C23-46	- - - -	- - - -	
	41,000	12.0	13.05	11.05	3710	C26-41	- - - -	- - - -	
						C33-44C	- - - -	- - - -	
	42,000	12.3	13.00	11.05	3795	C33-50C	- - - -	- - - -	
						[3]C23-51	- - - -	- - - -	
	42,500	12.5	13.20	11.20	3800	C26-46	- - - -	- - - -	
	43,000	12.6	13.30	11.30	3800	C23-51/65	- - - -	- - - -	
	43,500	12.7	13.35	11.45	3805	C26-51/65	- - - -	- - - -	
	44,000	12.9	13.50	11.55	3815	C26-65EAP	- - - -	- - - -	
	40,500	11.9	12.85	10.90	3720	- - - -	CR26-41	- - - -	
	41,000	12.0	12.85	10.90	3765	- - - -	CR26-51	- - - -	
	42,500	12.5	13.15	11.20	3800	- - - -	CR26-65	- - - -	
	41,000	12.0	12.75	10.85	3785	- - - -	- - - -	CH23-41	
						- - - -	- - - -	CH33-42B-F	
	42,000	12.3	13.05	11.10	3785	- - - -	- - - -	CH33-44B-F	
						- - - -	- - - -	CH23-51	
	42,500	12.5	13.20	11.20	3795	- - - -	- - - -	CH33-50C-F	
						- - - -	- - - -	CH23-65	
	44,000	12.9	13.50	11.55	3815	- - - -	- - - -	CH33-62D-F	
						- - - -	- - - -	CH23-68	
	Btuh	**kW**	**SEER**	**EER**	**Watts**	**Blower Coil Units**			
	40,000	11.7	12.15	10.45	3835	CB29M-41 (Multi-Position)			
	41,500	12.2	12.85	10.95	3795	CB29M-46 (Multi-Position)			
	42,000	12.3	13.55	11.45	3675	CB31MV-41 (Multi-Position)			
	42,000	12.3	12.70	10.85	3870	CB29M-51 (Multi-Position)			
	42,000	12.3	13.40	11.30	3710	CB30M-41 (Multi-Position)			
						CB30U-41/46	- - - -		
	42,500	12.5	13.50	11.50	3695	CB30M-46 (Multi-Position)			
	43,500	12.7	14.05	11.85	3670	CB30M-51 (Multi-Position)			
						CB30U-51	- - - -		
	44,000	12.9	14.50	12.30	3575	CB31MV-51 (Multi-Position)			
	44,500	13.0	14.00	11.90	3745	CB30M-65 (Multi-Position)			
						CB30U-65	- - - -		
	44,500	13.0	14.75	12.40	3585	CB31MV-65 (Multi-Position)			

NOTE — These are the only approved system match-ups. For other matches, contact the Lennox Applications Department.

NOTE - Ratings for all C33 coils include both cased and uncased coils.

[1]Certified in accordance with USE certification program which is based on ARI Standard 210/240; 95°F (35°C) outdoor air temperature, 80°F (27°C) db / 67°F (19°C) wb entering evaporator air with 25 ft. (7.6 m) of connecting refrigerant lines.

[2]Sound Rating Number rated in accordance with test conditions included in ARI Standard 270.

[3]Most popular evaporator coil.

ARI RATINGS

Unit Size Model No. [2]Sound Rating Number	[1]ARI Standard 210/240 Ratings					Up-Flow	Down-Flow	Horizontal	Expansion Device Required
	Cooling Cap.		SEER	EER	Total Unit Watts				
	Btuh	kW				Evaporator Coils			
4 Ton HS32-048 (74 db)	43,500	12.7	12.60	10.75	4055	C23-46	- - - -	- - - -	Expansion valve shipped with condensing unit **MUST** be field installed on evaporator unit. Factory installed expansion valves on evaporator units **MUST** be replaced with valve shipped with condensing unit.
	44,000	12.9	13.15	11.15	3955	C26-41	- - - -	- - - -	
						C33-48B	- - - -	- - - -	
	46,000	13.5	13.20	11.30	4070	C33-50C	- - - -	- - - -	
						[3]C23-51	- - - -	- - - -	
	46,500	13.6	13.40	11.50	4035	C26-46	- - - -	- - - -	
						C33-60D	- - - -	- - - -	
	47,000	13.8	13.50	11.50	4080	C23-51/65	- - - -	- - - -	
	47,500	13.9	13.60	11.65	4075	C26-51/65	- - - -	- - - -	
						C33-62D	- - - -	- - - -	
	48,500	14.2	13.85	11.85	4085	C26-65EAP	- - - -	- - - -	
	44,500	13.0	13.00	11.10	4015	- - - -	CR26-51	- - - -	
	46,500	13.6	13.40	11.40	4075	- - - -	CR26-65	- - - -	
	46,000	13.5	13.15	11.30	4065	- - - -	- - - -	CH33-44B-F	
						- - - -	- - - -	CH23-51	
	46,500	13.6	13.35	11.40	4075	- - - -	- - - -	CH33-50C-F	
						- - - -	- - - -	CH23-65	
	48,500	14.2	13.85	11.85	4085	- - - -	- - - -	CH33-62D-F	
						- - - -	- - - -	CH23-68	
	45,000	13.2	12.65	10.85	4155	CB29M-46 (Multi-Position)			
	45,500	13.3	13.55	11.55	3945	CB30M-41 (Multi-Position)			
						CB30U-41/46	- - - -		
	45,500	13.3	13.65	11.55	3935	CB30M-46 (Multi-Position)			
	45,500	13.3	13.75	11.65	3905	CB31MV-41 (Multi-Position)			
	46,000	13.5	12.80	11.10	4150	CB29M-51 (Multi-Position)			
	46,000	13.5	13.25	11.35	4060	CB29M-65 (Multi-Position)			
	48,000	14.1	14.35	12.20	3930	CB30M-51 (Multi-Position)			
						CB30U-51	- - - -		
	48,000	14.1	14.75	12.55	3830	CB31MV-51 (Multi-Position)			
	48,500	14.2	14.25	11.80	4110	CB30M-65 (Multi-Position)			
						CB30U-65	- - - -		
	48,500	14.2	15.00	12.65	3830	CB31MV-65 (Multi-Position)			
5 Ton HS32-060 (76 db)	**Btuh**	**kW**	**SEER**	**EER**	**Watts**	**Evaporator Coils**			Expansion valve shipped with condensing unit **MUST** be field installed on evaporator unit. Factory installed expansion valves on evaporator units **MUST** be replaced with valve shipped with condensing unit.
	56,000	16.4	12.60	10.45	5355	C26-46	- - - -	- - - -	
	56,500	16.6	12.50	10.40	5445	C23-51	- - - -	- - - -	
	57,500	16.9	12.80	10.55	5440	C33-50C	- - - -	- - - -	
						C26-51/65	- - - -	- - - -	
	58,500	17.1	12.70	10.50	5565	[3]C23-51/65	- - - -	- - - -	
						C33-60D	- - - -	- - - -	
	60,500	17.7	13.10	10.90	5560	C33-62D	- - - -	- - - -	
						C26-65EAP	- - - -	- - - -	
	58,000	17.0	12.80	10.55	5485	- - - -	CR26-65	- - - -	
	57,000	16.7	12.50	10.35	5515	- - - -	- - - -	CH23-51	
						- - - -	- - - -	CH33-60D-F	
	58,000	17.0	12.65	10.50	5520	- - - -	- - - -	CH33-50C-F	
						- - - -	- - - -	CH23-65	
	61,000	17.9	13.25	11.00	5540	- - - -	- - - -	CH33-62D-F	
						- - - -	- - - -	CH23-68	
	Btuh	**kW**	**SEER**	**EER**	**Watts**	**Blower Coil Units**			
	56,500	16.6	11.85	9.80	5775	CB29M-51 (Multi-Position)			
	57,000	16.7	12.00	9.95	5720	CB29M-65 (Multi-Position)			
	58,500	17.1	13.20	11.00	5330	CB30M-51 (Multi-Position)			
						CB30U-51	- - - -		
	59,500	17.4	13.50	11.15	5340	CB31MV-51 (Multi-Position)			
	60,000	17.6	13.80	11.45	5250	CB31MV-65 (Multi-Position)			
	60,500	17.7	13.20	11.00	5505	CB30M-65 (Multi-Position)			
						CB30M-65	- - - -		

NOTE — These are the only approved system match-ups. For other matches, contact the Lennox Applications Department.

NOTE - Ratings for all C33 coils include both cased and uncased coils.

[1]Certified in accordance with USE certification program which is based on ARI Standard 210/240; 95°F (35°C) outdoor air temperature, 80°F (27°C) db / 67°F (19°C) wb entering evaporator air with 25 ft. (7.6 m) of connecting refrigerant lines.

[2]Sound Rating Number rated in accordance with test conditions included in ARI Standard 270.

[3]Most popular evaporator coil.

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS32-024 — C23-21 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	23.0	6.7	1.74	.64	.78	.91	22.1	6.5	1.96	.65	.79	.93	21.0	6.2	2.22	.66	.81	.95	19.9	5.8	2.53	.67	.84	.97
	800	380	24.1	7.1	1.74	.69	.86	.99	23.1	6.8	1.96	.71	.89	.99	22.1	6.5	2.22	.73	.91	1.00	20.9	6.1	2.52	.75	.94	1.00
	1000	470	24.9	7.3	1.74	.76	.94	1.00	23.9	7.0	1.97	.77	.96	1.00	22.9	6.7	2.22	.80	.98	1.00	21.8	6.4	2.52	.83	.99	1.00
67°F (19°C)	600	285	24.5	7.2	1.74	.51	.62	.74	23.5	6.9	1.96	.51	.63	.76	22.5	6.6	2.22	.52	.63	.77	21.3	6.2	2.52	.53	.65	.80
	800	380	25.5	7.5	1.74	.54	.67	.82	24.5	7.2	1.97	.54	.68	.85	23.3	6.8	2.22	.55	.70	.88	22.1	6.5	2.52	.56	.73	.90
	1000	470	26.2	7.7	1.75	.57	.73	.91	25.1	7.4	1.97	.58	.75	.93	23.9	7.0	2.23	.59	.77	.95	22.6	6.6	2.53	.60	.81	.98
71°F (22°C)	600	285	26.1	7.6	1.74	.39	.49	.59	25.1	7.4	1.97	.39	.49	.60	23.9	7.0	2.23	.39	.50	.61	22.7	6.7	2.53	.39	.51	.63
	800	380	27.1	7.9	1.75	.40	.52	.65	26.0	7.6	1.98	.40	.53	.66	24.8	7.3	2.24	.40	.54	.68	23.5	6.9	2.54	.41	.55	.70
	1000	470	27.8	8.1	1.75	.41	.55	.70	26.6	7.8	1.98	.41	.56	.73	25.4	7.4	2.24	.42	.58	.75	24.0	7.0	2.55	.42	.59	.78

HS32-024 — C33-24A/B - C23-26 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	25.2	7.4	1.74	.72	.84	.95	24.1	7.1	1.97	.73	.86	.97	23.0	6.7	2.24	.74	.88	.99	21.8	6.4	2.54	.75	.90	1.00
	800	380	26.4	7.7	1.74	.77	.91	1.00	25.3	7.4	1.97	.78	.93	1.00	24.2	7.1	2.23	.80	.95	1.00	22.9	6.7	2.53	.82	.98	1.00
	1000	470	27.3	8.0	1.75	.82	.98	1.00	26.2	7.7	1.97	.84	.99	1.00	25.0	7.3	2.23	.86	1.00	1.00	23.8	7.0	2.54	.89	1.00	1.00
67°F (19°C)	600	285	26.8	7.9	1.74	.57	.69	.81	25.8	7.6	1.97	.58	.70	.82	24.6	7.2	2.23	.58	.71	.84	23.3	6.8	2.53	.59	.72	.86
	800	380	27.9	8.2	1.75	.60	.74	.88	26.8	7.9	1.98	.61	.76	.90	25.5	7.5	2.24	.62	.77	.92	24.2	7.1	2.54	.63	.79	.95
	1000	470	28.6	8.4	1.75	.63	.80	.95	27.4	8.0	1.98	.64	.82	.97	26.1	7.6	2.24	.65	.84	.99	24.8	7.3	2.54	.67	.86	1.00
71°F (22°C)	600	285	28.6	8.4	1.75	.43	.55	.66	27.4	8.0	1.98	.44	.55	.67	26.2	7.7	2.24	.44	.56	.68	24.9	7.3	2.54	.44	.57	.70
	800	380	29.7	8.7	1.76	.45	.58	.72	28.5	8.4	1.99	.45	.59	.74	27.1	7.9	2.25	.45	.60	.75	25.7	7.5	2.55	.45	.62	.77
	1000	470	30.4	8.9	1.76	.46	.62	.78	29.1	8.5	1.99	.46	.63	.80	27.7	8.1	2.25	.47	.64	.82	26.3	7.7	2.56	.47	.66	.84

HS32-024 — C33-30A/B - C23-31 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	25.1	7.4	1.74	.71	.83	.94	24.0	7.0	1.96	.72	.85	.96	22.9	6.7	2.22	.73	.86	.98	21.6	6.3	2.52	.75	.89	1.00
	800	380	26.4	7.7	1.75	.76	.91	1.00	25.3	7.4	1.97	.77	.92	1.00	24.0	7.0	2.23	.79	.94	1.00	22.7	6.7	2.53	.81	.97	1.00
	1000	470	27.4	8.0	1.75	.81	.97	1.00	26.2	7.7	1.98	.83	.99	1.00	24.9	7.3	2.24	.85	1.00	1.00	23.6	6.9	2.54	.88	1.00	1.00
67°F (19°C)	600	285	26.9	7.9	1.75	.56	.68	.79	25.7	7.5	1.97	.57	.69	.81	24.4	7.2	2.23	.58	.70	.83	23.1	6.8	2.54	.58	.72	.85
	800	380	28.1	8.2	1.76	.59	.73	.87	26.8	7.9	1.98	.60	.75	.89	25.5	7.5	2.25	.61	.76	.91	24.0	7.0	2.55	.62	.79	.94
	1000	470	28.9	8.5	1.76	.62	.79	.94	27.6	8.1	1.99	.63	.81	.96	26.1	7.6	2.25	.65	.83	.98	24.6	7.2	2.55	.66	.86	1.00
71°F (22°C)	600	285	28.7	8.4	1.76	.43	.54	.65	27.5	8.1	1.99	.44	.55	.66	26.1	7.6	2.25	.44	.56	.67	24.7	7.2	2.55	.44	.56	.69
	800	380	29.9	8.8	1.77	.44	.58	.71	28.6	8.4	2.00	.44	.58	.72	27.1	7.9	2.26	.45	.60	.74	25.6	7.5	2.56	.45	.61	.76
	1000	470	30.7	9.0	1.77	.45	.61	.76	29.3	8.6	2.00	.46	.62	.78	27.8	8.1	2.27	.46	.64	.81	26.2	7.7	2.57	.47	.65	.83

HS32-024 — C33-36A/B/C - C23-41 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	25.4	7.4	1.74	.71	.84	.95	24.3	7.1	1.96	.72	.85	.97	23.1	6.8	2.22	.73	.87	.99	21.8	6.4	2.52	.75	.89	1.00
	800	380	26.8	7.9	1.75	.76	.91	1.00	25.6	7.5	1.98	.78	.93	1.00	24.3	7.1	2.24	.80	.95	1.00	23.0	6.7	2.53	.82	.98	1.00
	1000	470	27.8	8.1	1.76	.82	.97	1.00	26.6	7.8	1.98	.84	1.00	1.00	25.3	7.4	2.24	.86	1.00	1.00	23.9	7.0	2.54	.88	1.00	1.00
67°F (19°C)	600	285	27.2	8.0	1.75	.56	.68	.80	26.0	7.6	1.98	.57	.69	.81	24.7	7.2	2.23	.58	.70	.83	23.3	6.8	2.54	.58	.72	.85
	800	380	28.5	8.4	1.76	.59	.74	.88	27.2	8.0	1.98	.60	.75	.90	25.8	7.6	2.25	.61	.77	.92	24.3	7.1	2.55	.63	.79	.95
	1000	470	29.3	8.6	1.77	.63	.79	.95	28.0	8.2	1.99	.64	.81	.97	26.5	7.8	2.25	.65	.84	.99	25.0	7.3	2.56	.67	.86	1.00
71°F (22°C)	600	285	29.1	8.5	1.76	.44	.54	.65	27.8	8.1	1.99	.44	.55	.66	26.5	7.8	2.25	.44	.56	.68	25.0	7.3	2.56	.44	.56	.69
	800	380	30.4	8.9	1.77	.44	.58	.71	29.0	8.5	2.00	.44	.59	.73	27.6	8.1	2.26	.45	.60	.74	26.0	7.6	2.57	.45	.61	.77
	1000	470	31.2	9.1	1.78	.46	.61	.77	29.8	8.7	2.01	.46	.63	.79	28.2	8.3	2.27	.46	.64	.81	26.6	7.8	2.57	.47	.66	.84

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS32-024 — C26-26 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)			
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	25.7	7.5	1.74	.72	.84	.95	24.6	7.2	1.96	.72	.85	.98	23.3	6.8	2.22	.74	.88	.99	22.0	6.4	2.52	.76	.90	1.00
	800	380	27.1	7.9	1.75	.77	.92	1.00	25.9	7.6	1.97	.78	.94	1.00	24.6	7.2	2.23	.81	.96	1.00	23.1	6.8	2.53	.83	.99	1.00
	1000	470	28.1	8.2	1.75	.83	.99	1.00	26.9	7.9	1.98	.85	1.00	1.00	25.5	7.5	2.24	.87	1.00	1.00	24.2	7.1	2.54	.90	1.00	1.00
67°F (19°C)	600	285	27.5	8.1	1.75	.57	.68	.80	26.3	7.7	1.98	.57	.70	.82	24.9	7.3	2.24	.58	.71	.84	23.5	6.9	2.54	.59	.73	.86
	800	380	28.8	8.4	1.76	.60	.74	.88	27.4	8.0	1.99	.61	.76	.91	26.0	7.6	2.24	.62	.78	.93	24.4	7.2	2.55	.64	.80	.96
	1000	470	29.6	8.7	1.77	.63	.81	.96	28.2	8.3	1.99	.65	.82	.98	26.7	7.8	2.25	.66	.85	1.00	25.1	7.4	2.56	.68	.88	1.00
71°F (22°C)	600	285	29.4	8.6	1.76	.44	.54	.66	28.1	8.2	1.99	.44	.55	.67	26.6	7.8	2.25	.44	.56	.68	25.1	7.4	2.56	.44	.57	.70
	800	380	30.7	9.0	1.77	.44	.58	.72	29.2	8.6	2.00	.45	.59	.74	27.7	8.1	2.26	.45	.60	.76	26.1	7.6	2.57	.46	.62	.78
	1000	470	31.5	9.2	1.78	.46	.62	.78	30.0	8.8	2.01	.46	.63	.80	28.4	8.3	2.27	.47	.65	.83	26.6	7.8	2.58	.48	.67	.86

HS32-024 — C26-31 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)			
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	26.0	7.6	1.74	.69	.81	.93	24.7	7.2	1.97	.69	.83	.95	23.4	6.9	2.22	.71	.85	.97	21.9	6.4	2.52	.72	.88	1.00
	800	380	27.4	8.0	1.75	.74	.89	1.00	26.1	7.6	1.98	.76	.92	1.00	24.6	7.2	2.24	.78	.94	1.00	23.1	6.8	2.54	.81	.97	1.00
	1000	470	28.5	8.4	1.76	.80	.96	1.00	27.1	7.9	1.99	.82	.98	1.00	25.7	7.5	2.24	.85	1.00	1.00	24.3	7.1	2.55	.88	1.00	1.00
67°F (19°C)	600	285	27.8	8.1	1.75	.54	.66	.77	26.5	7.8	1.98	.55	.67	.79	25.0	7.3	2.24	.56	.68	.81	23.5	6.9	2.54	.57	.70	.84
	800	380	29.2	8.6	1.76	.57	.71	.86	27.7	8.1	1.99	.58	.73	.88	26.1	7.6	2.25	.60	.76	.91	24.5	7.2	2.55	.61	.78	.94
	1000	470	30.0	8.8	1.77	.61	.78	.94	28.5	8.4	2.00	.62	.80	.96	26.9	7.9	2.26	.64	.83	.98	25.1	7.4	2.56	.66	.86	1.00
71°F (22°C)	600	285	29.8	8.7	1.77	.42	.52	.63	28.4	8.3	2.00	.42	.53	.64	26.8	7.9	2.25	.42	.54	.65	25.2	7.4	2.56	.42	.55	.67
	800	380	31.2	9.1	1.78	.42	.56	.69	29.6	8.7	2.01	.43	.57	.71	27.9	8.2	2.27	.43	.58	.73	26.1	7.6	2.57	.44	.60	.75
	1000	470	32.0	9.4	1.79	.44	.60	.76	30.4	8.9	2.01	.44	.61	.78	28.6	8.4	2.27	.45	.63	.80	26.7	7.8	2.58	.46	.65	.84

HS32-024 — C33-38A/B - C26-41 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)			
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	26.1	7.6	1.75	.69	.81	.93	24.8	7.3	1.98	.70	.83	.95	23.5	6.9	2.23	.72	.85	.97	22.0	6.4	2.53	.74	.88	1.00
	800	380	27.6	8.1	1.76	.75	.89	1.00	26.2	7.7	1.99	.77	.92	1.00	24.8	7.3	2.25	.78	.94	1.00	23.2	6.8	2.55	.81	.97	1.00
	1000	470	28.7	8.4	1.77	.81	.97	1.00	27.3	8.0	1.99	.83	.99	1.00	25.9	7.6	2.25	.86	1.00	1.00	24.5	7.2	2.56	.89	1.00	1.00
67°F (19°C)	600	285	27.9	8.2	1.76	.55	.66	.78	26.6	7.8	1.99	.56	.68	.80	25.1	7.4	2.25	.56	.69	.81	23.5	6.9	2.55	.57	.71	.84
	800	380	29.4	8.6	1.77	.58	.72	.86	27.9	8.2	2.00	.59	.74	.89	26.3	7.7	2.26	.60	.76	.91	24.6	7.2	2.56	.62	.79	.94
	1000	470	30.3	8.9	1.78	.62	.79	.94	28.7	8.4	2.01	.63	.81	.96	27.0	7.9	2.27	.65	.84	.99	25.3	7.4	2.57	.67	.87	1.00
71°F (22°C)	600	285	29.9	8.8	1.78	.42	.53	.64	28.5	8.4	2.00	.42	.54	.65	26.9	7.9	2.26	.42	.54	.66	25.2	7.4	2.57	.43	.56	.68
	800	380	31.4	9.2	1.79	.43	.56	.70	29.8	8.7	2.02	.43	.57	.71	28.1	8.2	2.28	.44	.59	.74	26.2	7.7	2.58	.45	.61	.76
	1000	470	32.2	9.4	1.80	.44	.61	.76	30.6	9.0	2.02	.45	.62	.79	28.8	8.4	2.29	.45	.64	.81	26.9	7.9	2.59	.46	.66	.84

HS32-024 — CR26-21 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)			
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	23.9	7.0	1.74	.68	.80	.92	22.8	6.7	1.96	.69	.82	.94	21.7	6.4	2.22	.70	.84	.96	20.4	6.0	2.51	.72	.86	.98
	800	380	25.1	7.4	1.74	.73	.88	.99	23.9	7.0	1.97	.74	.90	1.00	22.7	6.7	2.23	.76	.92	1.00	21.4	6.3	2.53	.78	.95	1.00
	1000	470	26.0	7.6	1.75	.78	.94	1.00	24.8	7.3	1.98	.80	.96	1.00	23.6	6.9	2.23	.82	.98	1.00	22.3	6.5	2.53	.85	1.00	1.00
67°F (19°C)	600	285	25.5	7.5	1.74	.54	.65	.77	24.4	7.2	1.97	.55	.66	.78	23.2	6.8	2.23	.55	.68	.80	21.8	6.4	2.53	.56	.69	.83
	800	380	26.7	7.8	1.75	.57	.70	.84	25.4	7.4	1.98	.58	.72	.86	24.1	7.1	2.24	.59	.74	.89	22.7	6.7	2.54	.60	.76	.92
	1000	470	27.4	8.0	1.75	.60	.76	.91	26.1	7.6	1.98	.61	.78	.93	24.7	7.2	2.24	.62	.80	.96	23.2	6.8	2.54	.64	.83	.98
71°F (22°C)	600	285	27.3	8.0	1.75	.42	.52	.63	26.1	7.6	1.98	.42	.53	.64	24.8	7.3	2.24	.42	.53	.65	23.3	6.8	2.54	.42	.55	.67
	800	380	28.4	8.3	1.76	.42	.55	.68	27.1	7.9	1.99	.43	.56	.70	25.7	7.5	2.25	.43	.57	.71	24.2	7.1	2.56	.43	.58	.73
	1000	470	29.2	8.6	1.77	.43	.58	.74	27.8	8.1	1.99	.44	.60	.75	26.3	7.7	2.26	.44	.61	.78	24.7	7.2	2.56	.45	.63	.80

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS32-024 — CR26-31 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	25.5	7.5	1.74	.69	.81	.93	24.4	7.2	1.97	.70	.83	.94	23.1	6.8	2.23	.71	.85	.96	21.8	6.4	2.53	.73	.87	.99
	800	380	26.9	7.9	1.75	.74	.89	.99	25.7	7.5	1.98	.76	.91	1.00	24.4	7.2	2.23	.78	.93	1.00	22.9	6.7	2.53	.80	.96	1.00
	1000	470	27.9	8.2	1.76	.80	.96	1.00	26.7	7.8	1.98	.82	.97	1.00	25.3	7.4	2.24	.84	.99	1.00	24.0	7.0	2.54	.87	1.00	1.00
67°F (19°C)	600	285	27.3	8.0	1.75	.55	.66	.78	26.1	7.6	1.98	.56	.67	.79	24.7	7.2	2.24	.56	.69	.81	23.3	6.8	2.54	.57	.70	.84
	800	380	28.6	8.4	1.76	.58	.72	.86	27.3	8.0	1.99	.59	.74	.88	25.8	7.6	2.25	.60	.76	.90	24.3	7.1	2.55	.61	.78	.93
	1000	470	29.4	8.6	1.77	.61	.78	.93	28.1	8.2	1.99	.63	.80	.95	26.5	7.8	2.25	.64	.82	.97	24.9	7.3	2.56	.66	.85	.99
71°F (22°C)	600	285	29.2	8.6	1.76	.42	.53	.64	27.9	8.2	1.99	.42	.53	.65	26.5	7.8	2.25	.42	.54	.66	24.9	7.3	2.56	.43	.55	.68
	800	380	30.5	8.9	1.77	.43	.56	.70	29.1	8.5	2.00	.43	.57	.71	27.6	8.1	2.26	.43	.58	.73	25.9	7.6	2.57	.44	.60	.75
	1000	470	31.3	9.2	1.78	.44	.60	.75	29.9	8.8	2.01	.44	.61	.77	28.3	8.3	2.27	.45	.63	.80	26.5	7.8	2.58	.46	.65	.83

HS32-024 — CR26-41 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	26.4	7.7	1.82	.68	.81	.93	25.2	7.4	2.05	.70	.82	.95	23.8	7.0	2.32	.71	.85	.97	22.3	6.5	2.63	.72	.87	1.00
	800	380	27.9	8.2	1.83	.74	.89	1.00	26.5	7.8	2.07	.76	.91	1.00	25.1	7.4	2.34	.77	.94	1.00	23.5	6.9	2.65	.80	.97	1.00
	1000	470	29.0	8.5	1.84	.80	.96	1.00	27.6	8.1	2.07	.82	.98	1.00	26.2	7.7	2.34	.84	1.00	1.00	24.7	7.2	2.66	.88	1.00	1.00
67°F (19°C)	600	285	28.3	8.3	1.83	.54	.66	.77	26.9	7.9	2.07	.55	.67	.79	25.5	7.5	2.33	.55	.68	.81	23.8	7.0	2.65	.57	.70	.83
	800	380	29.7	8.7	1.84	.57	.71	.86	28.2	8.3	2.08	.58	.73	.88	26.6	7.8	2.35	.59	.75	.91	24.9	7.3	2.66	.61	.78	.94
	1000	470	30.6	9.0	1.85	.61	.78	.93	29.0	8.5	2.09	.62	.80	.96	27.4	8.0	2.36	.64	.82	.98	25.5	7.5	2.67	.66	.86	1.00
71°F (22°C)	600	285	30.3	8.9	1.85	.42	.52	.63	28.9	8.5	2.08	.42	.53	.64	27.3	8.0	2.35	.42	.53	.65	25.6	7.5	2.67	.42	.55	.67
	800	380	31.7	9.3	1.86	.43	.56	.69	30.2	8.9	2.09	.43	.57	.71	28.4	8.3	2.37	.43	.58	.73	26.6	7.8	2.68	.44	.60	.75
	1000	470	32.6	9.6	1.87	.44	.60	.75	30.9	9.1	2.10	.44	.61	.77	29.1	8.5	2.37	.45	.63	.80	27.2	8.0	2.69	.46	.65	.83

HS32-024 — CH23-21 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	24.6	7.2	1.74	.70	.82	.92	23.6	6.9	1.96	.71	.83	.95	22.4	6.6	2.22	.72	.85	.96	21.1	6.2	2.52	.73	.87	.99
	800	380	25.9	7.6	1.74	.75	.89	1.00	24.8	7.3	1.97	.76	.91	1.00	23.5	6.9	2.23	.78	.94	1.00	22.2	6.5	2.52	.80	.96	1.00
	1000	470	26.9	7.9	1.75	.81	.96	1.00	25.7	7.5	1.98	.82	.97	1.00	24.5	7.2	2.23	.85	.99	1.00	23.2	6.8	2.53	.87	1.00	1.00
67°F (19°C)	600	285	26.3	7.7	1.74	.55	.67	.78	25.2	7.4	1.97	.56	.67	.80	23.9	7.0	2.23	.56	.69	.82	22.5	6.6	2.53	.57	.71	.84
	800	380	27.5	8.1	1.75	.58	.72	.86	26.2	7.7	1.98	.59	.74	.88	24.9	7.3	2.24	.60	.76	.90	23.4	6.9	2.54	.62	.78	.93
	1000	470	28.3	8.3	1.76	.61	.78	.93	27.0	7.9	1.98	.63	.80	.95	25.5	7.5	2.24	.64	.83	.97	24.0	7.0	2.55	.66	.85	.99
71°F (22°C)	600	285	28.1	8.2	1.75	.42	.53	.64	26.9	7.9	1.98	.42	.54	.65	25.5	7.5	2.24	.42	.55	.66	24.1	7.1	2.54	.43	.55	.68
	800	380	29.3	8.6	1.76	.43	.57	.70	28.0	8.2	1.99	.43	.58	.71	26.5	7.8	2.25	.44	.59	.74	25.0	7.3	2.56	.44	.60	.76
	1000	470	30.1	8.8	1.77	.44	.60	.76	28.7	8.4	1.99	.45	.61	.78	27.2	8.0	2.26	.45	.63	.80	25.5	7.5	2.56	.46	.65	.83

HS32-024 — CH33-30A-F - CH23-31 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	25.3	7.4	1.74	.70	.83	.94	24.2	7.1	1.97	.71	.84	.96	22.9	6.7	2.23	.73	.86	.98	21.6	6.3	2.53	.74	.88	1.00
	800	380	26.7	7.8	1.75	.76	.90	1.00	25.4	7.4	1.98	.77	.92	1.00	24.2	7.1	2.23	.79	.94	1.00	22.8	6.7	2.54	.82	.97	1.00
	1000	470	27.7	8.1	1.76	.81	.97	1.00	26.4	7.7	1.98	.83	.99	1.00	25.1	7.4	2.24	.86	1.00	1.00	23.8	7.0	2.54	.88	1.00	1.00
67°F (19°C)	600	285	27.1	7.9	1.75	.56	.67	.79	25.8	7.6	1.98	.56	.69	.80	24.5	7.2	2.24	.57	.70	.82	23.1	6.8	2.54	.58	.72	.85
	800	380	28.3	8.3	1.76	.59	.73	.87	27.0	7.9	1.99	.60	.75	.89	25.6	7.5	2.25	.61	.76	.91	24.0	7.0	2.55	.62	.79	.94
	1000	470	29.1	8.5	1.77	.62	.79	.94	27.8	8.1	1.99	.63	.81	.96	26.3	7.7	2.25	.65	.83	.98	24.7	7.2	2.56	.67	.86	1.00
71°F (22°C)	600	285	28.9	8.5	1.76	.43	.54	.65	27.6	8.1	1.99	.43	.54	.66	26.2	7.7	2.25	.43	.55	.67	24.7	7.2	2.56	.43	.56	.69
	800	380	30.2	8.9	1.77	.44	.57	.70	28.8	8.4	2.00	.44	.58	.72	27.3	8.0	2.26	.44	.59	.74	25.7	7.5	2.57	.45	.61	.77
	1000	470	31.0	9.1	1.78	.45	.61	.77	29.5	8.6	2.01	.45	.62	.79	28.0	8.2	2.27	.46	.64	.81	26.3	7.7	2.58	.47	.66	.84

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS32-024 — CH33-36A/B/C-F - CH23-41 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	26.1	7.6	1.75	.69	.81	.93	24.8	7.3	1.97	.70	.83	.95	23.4	6.9	2.23	.72	.86	.98	21.9	6.4	2.53	.73	.89	1.00
	800	380	27.6	8.1	1.76	.75	.90	1.00	26.2	7.7	1.98	.76	.92	1.00	24.7	7.2	2.24	.79	.95	1.00	23.0	6.7	2.54	.82	.99	1.00
	1000	470	28.7	8.4	1.76	.81	.97	1.00	27.3	8.0	1.99	.83	.99	1.00	25.9	7.6	2.25	.86	1.00	1.00	24.3	7.1	2.55	.89	1.00	1.00
67°F (19°C)	600	285	27.9	8.2	1.76	.54	.66	.78	26.5	7.8	1.99	.55	.67	.80	25.0	7.3	2.24	.56	.69	.82	23.4	6.9	2.54	.57	.71	.85
	800	380	29.3	8.6	1.77	.58	.72	.87	27.8	8.1	1.99	.59	.74	.89	26.1	7.6	2.25	.60	.76	.92	24.3	7.1	2.55	.62	.79	.96
	1000	470	30.2	8.9	1.78	.61	.79	.95	28.6	8.4	2.00	.63	.81	.97	26.9	7.9	2.26	.64	.84	1.00	25.0	7.3	2.56	.67	.87	1.00
71°F (22°C)	600	285	29.9	8.8	1.77	.42	.52	.63	28.4	8.3	2.00	.42	.53	.65	26.8	7.9	2.26	.42	.54	.66	25.0	7.3	2.56	.42	.55	.68
	800	380	31.3	9.2	1.78	.43	.56	.70	29.6	8.7	2.01	.43	.57	.71	27.9	8.2	2.27	.43	.59	.74	25.9	7.6	2.57	.44	.61	.77
	1000	470	32.1	9.4	1.79	.44	.60	.76	30.4	8.9	2.02	.45	.62	.79	28.5	8.4	2.28	.45	.64	.82	26.5	7.8	2.58	.46	.66	.85

HS32-024 — CH33-44B-F - CH23-51 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	26.5	7.8	1.74	.68	.81	.93	25.2	7.4	1.96	.69	.83	.95	23.8	7.0	2.22	.71	.85	.98	22.2	6.5	2.52	.73	.88	1.00
	800	380	28.1	8.2	1.75	.74	.89	1.00	26.6	7.8	1.97	.76	.92	1.00	25.0	7.3	2.23	.78	.95	1.00	23.4	6.9	2.53	.81	.99	1.00
	1000	470	29.2	8.6	1.76	.81	.97	1.00	27.8	8.1	1.98	.83	.99	1.00	26.3	7.7	2.24	.86	1.00	1.00	24.7	7.2	2.54	.89	1.00	1.00
67°F (19°C)	600	285	28.4	8.3	1.75	.54	.65	.77	27.0	7.9	1.98	.55	.67	.79	25.4	7.4	2.23	.55	.68	.81	23.7	6.9	2.53	.57	.70	.84
	800	380	29.9	8.8	1.76	.57	.71	.86	28.3	8.3	1.99	.58	.73	.88	26.6	7.8	2.24	.60	.76	.92	24.8	7.3	2.54	.61	.78	.95
	1000	470	30.8	9.0	1.77	.61	.78	.94	29.1	8.5	1.99	.62	.80	.97	27.4	8.0	2.25	.64	.83	1.00	25.5	7.5	2.55	.66	.87	1.00
71°F (22°C)	600	285	30.4	8.9	1.77	.41	.52	.63	28.9	8.5	1.99	.42	.53	.64	27.3	8.0	2.25	.42	.53	.65	25.4	7.4	2.55	.42	.55	.67
	800	380	31.9	9.3	1.78	.42	.55	.69	30.2	8.9	2.00	.43	.57	.71	28.4	8.3	2.26	.43	.58	.73	26.4	7.7	2.56	.44	.60	.76
	1000	470	32.8	9.6	1.79	.44	.60	.76	31.0	9.1	2.01	.44	.61	.78	29.1	8.5	2.27	.45	.63	.81	27.1	7.9	2.57	.46	.65	.85

HS32-024 — CB29M-21/26 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	24.4	7.2	1.74	.69	.82	.93	23.3	6.8	1.97	.70	.83	.94	22.2	6.5	2.22	.72	.85	.96	20.9	6.1	2.52	.73	.88	.99
	800	380	25.6	7.5	1.75	.75	.89	.99	24.5	7.2	1.98	.77	.91	1.00	23.3	6.8	2.24	.78	.93	1.00	22.0	6.4	2.54	.80	.95	1.00
	1000	470	26.6	7.8	1.76	.81	.95	1.00	25.4	7.4	1.98	.82	.97	1.00	24.2	7.1	2.24	.84	.99	1.00	22.9	6.7	2.54	.87	1.00	1.00
67°F (19°C)	600	285	26.1	7.6	1.75	.55	.67	.78	24.9	7.3	1.98	.56	.68	.80	23.7	6.9	2.23	.56	.69	.82	22.3	6.5	2.54	.57	.71	.84
	800	380	27.2	8.0	1.76	.58	.72	.86	26.0	7.6	1.98	.59	.74	.88	24.6	7.2	2.24	.60	.76	.90	23.2	6.8	2.55	.61	.78	.93
	1000	470	27.9	8.2	1.76	.61	.78	.93	26.6	7.8	1.99	.62	.80	.95	25.3	7.4	2.25	.64	.82	.97	23.8	7.0	2.56	.65	.85	.99
71°F (22°C)	600	285	27.8	8.1	1.76	.42	.53	.64	26.6	7.8	1.99	.42	.54	.65	25.3	7.4	2.25	.42	.55	.66	23.9	7.0	2.55	.43	.55	.68
	800	380	29.0	8.5	1.77	.43	.57	.70	27.7	8.1	1.99	.43	.57	.71	26.2	7.7	2.26	.44	.59	.74	24.7	7.2	2.57	.44	.60	.76
	1000	470	29.7	8.7	1.77	.44	.60	.76	28.3	8.3	2.00	.45	.61	.78	26.8	7.9	2.27	.46	.63	.80	25.3	7.4	2.57	.46	.64	.83

HS32-024 — CB29M-31 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	25.4	7.4	1.75	.71	.83	.95	24.3	7.1	1.98	.72	.85	.96	23.2	6.8	2.23	.73	.86	.98	21.9	6.4	2.54	.75	.89	1.00
	800	380	26.7	7.8	1.76	.76	.91	1.00	25.6	7.5	1.98	.78	.93	1.00	24.3	7.1	2.25	.80	.95	1.00	23.0	6.7	2.55	.82	.97	1.00
	1000	470	27.7	8.1	1.76	.82	.98	1.00	26.5	7.8	1.99	.83	.99	1.00	25.3	7.4	2.25	.86	1.00	1.00	24.0	7.0	2.55	.88	1.00	1.00
67°F (19°C)	600	285	27.2	8.0	1.76	.56	.68	.80	26.0	7.6	1.99	.57	.69	.81	24.7	7.2	2.25	.58	.71	.83	23.4	6.9	2.55	.58	.72	.85
	800	380	28.4	8.3	1.77	.59	.74	.88	27.1	7.9	1.99	.60	.75	.90	25.8	7.6	2.26	.61	.77	.92	24.3	7.1	2.56	.63	.79	.94
	1000	470	29.2	8.6	1.77	.63	.79	.94	27.9	8.2	2.00	.64	.81	.97	26.5	7.8	2.26	.65	.83	.99	25.0	7.3	2.57	.67	.86	1.00
71°F (22°C)	600	285	29.0	8.5	1.77	.43	.54	.65	27.8	8.1	2.00	.43	.55	.66	26.5	7.8	2.26	.43	.55	.67	25.0	7.3	2.57	.44	.57	.69
	800	380	30.3	8.9	1.78	.44	.58	.71	28.9	8.5	2.01	.44	.59	.73	27.5	8.1	2.27	.45	.60	.75	26.0	7.6	2.58	.45	.61	.77
	1000	470	31.1	9.1	1.79	.45	.61	.77	29.7	8.7	2.01	.46	.62	.79	28.2	8.3	2.28	.46	.64	.81	26.6	7.8	2.58	.47	.66	.84

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS32-024 — CB30M-21/26 - CB30U-21/26 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	26.2	7.7	1.75	.69	.82	.94	24.9	7.3	1.97	.71	.84	.95	23.5	6.9	2.23	.72	.86	.98	22.1	6.5	2.53	.74	.88	1.00
	800	380	27.6	8.1	1.75	.75	.90	1.00	26.3	7.7	1.98	.77	.92	1.00	24.8	7.3	2.24	.79	.94	1.00	23.2	6.8	2.54	.82	.97	1.00
	1000	470	28.7	8.4	1.76	.81	.97	1.00	27.3	8.0	1.99	.83	.99	1.00	25.9	7.6	2.25	.86	1.00	1.00	24.4	7.2	2.55	.89	1.00	1.00
67°F (19°C)	600	285	28.0	8.2	1.76	.55	.67	.78	26.7	7.8	1.98	.56	.68	.80	25.2	7.4	2.24	.56	.69	.82	23.6	6.9	2.54	.58	.71	.85
	800	380	29.3	8.6	1.77	.58	.73	.86	27.9	8.2	1.99	.59	.75	.89	26.3	7.7	2.25	.60	.76	.91	24.5	7.2	2.56	.62	.79	.95
	1000	470	30.2	8.9	1.77	.62	.79	.94	28.7	8.4	2.00	.63	.81	.96	27.0	7.9	2.26	.65	.83	.99	25.2	7.4	2.56	.67	.87	1.00
71°F (22°C)	600	285	30.0	8.8	1.77	.42	.53	.64	28.5	8.4	2.00	.42	.54	.65	27.0	7.9	2.26	.43	.54	.67	25.3	7.4	2.56	.43	.56	.69
	800	380	31.3	9.2	1.78	.43	.57	.70	29.8	8.7	2.01	.43	.58	.72	28.1	8.2	2.27	.44	.59	.74	26.2	7.7	2.57	.45	.61	.77
	1000	470	32.2	9.4	1.79	.44	.61	.76	30.5	8.9	2.02	.45	.62	.79	28.7	8.4	2.27	.45	.64	.81	26.8	7.9	2.58	.47	.66	.84

HS32-024 — CB30M-31 - CB30U-31 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	26.3	7.7	1.73	.69	.82	.93	25.0	7.3	1.96	.70	.83	.96	23.6	6.9	2.21	.72	.85	.98	22.1	6.5	2.51	.74	.88	1.00
	800	380	27.8	8.1	1.74	.75	.90	1.00	26.4	7.7	1.97	.77	.92	1.00	24.9	7.3	2.23	.79	.95	1.00	23.3	6.8	2.53	.82	.98	1.00
	1000	470	28.9	8.5	1.75	.81	.97	1.00	27.5	8.1	1.98	.83	.99	1.00	26.0	7.6	2.23	.86	1.00	1.00	24.6	7.2	2.53	.89	1.00	1.00
67°F (19°C)	600	285	28.2	8.3	1.75	.55	.66	.78	26.8	7.9	1.97	.55	.68	.80	25.3	7.4	2.23	.56	.69	.82	23.7	6.9	2.53	.57	.71	.85
	800	380	29.6	8.7	1.76	.58	.72	.86	28.1	8.2	1.98	.59	.74	.89	26.4	7.7	2.24	.60	.77	.92	24.7	7.2	2.54	.62	.79	.95
	1000	470	30.5	8.9	1.76	.62	.79	.94	28.9	8.5	1.99	.63	.81	.97	27.2	8.0	2.25	.65	.84	.99	25.4	7.4	2.55	.67	.86	1.00
71°F (22°C)	600	285	30.2	8.9	1.76	.42	.53	.64	28.7	8.4	1.99	.42	.53	.65	27.1	7.9	2.24	.42	.54	.67	25.4	7.4	2.54	.43	.56	.68
	800	380	31.6	9.3	1.77	.43	.56	.70	30.0	8.8	2.00	.44	.57	.72	28.3	8.3	2.26	.44	.59	.74	26.4	7.7	2.56	.45	.60	.77
	1000	470	32.5	9.5	1.78	.44	.60	.76	30.8	9.0	2.01	.45	.62	.78	29.0	8.5	2.26	.45	.64	.81	27.0	7.9	2.56	.47	.66	.85

HS32-024 — CB31MV-41 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	26.5	7.8	1.74	.66	.79	.92	25.2	7.4	1.97	.68	.81	.95	23.8	7.0	2.22	.69	.83	.98	22.3	6.5	2.52	.71	.86	1.00
	800	380	28.1	8.2	1.75	.72	.88	1.00	26.6	7.8	1.98	.74	.91	1.00	25.1	7.4	2.24	.76	.94	1.00	23.5	6.9	2.54	.79	.98	1.00
	1000	470	29.2	8.6	1.76	.79	.96	1.00	27.7	8.1	1.99	.81	.99	1.00	26.3	7.7	2.25	.84	1.00	1.00	24.8	7.3	2.55	.88	1.00	1.00
67°F (19°C)	600	285	28.5	8.4	1.76	.53	.64	.75	27.1	7.9	1.98	.53	.65	.77	25.5	7.5	2.24	.54	.66	.79	23.8	7.0	2.54	.55	.69	.83
	800	380	29.9	8.8	1.77	.56	.70	.85	28.4	8.3	1.99	.57	.71	.87	26.7	7.8	2.25	.58	.74	.90	24.9	7.3	2.55	.59	.77	.94
	1000	470	30.8	9.0	1.77	.59	.76	.93	29.2	8.6	2.00	.61	.79	.96	27.5	8.1	2.26	.62	.81	.99	25.6	7.5	2.56	.64	.85	1.00
71°F (22°C)	600	285	30.5	8.9	1.77	.41	.51	.61	29.0	8.5	1.99	.41	.52	.62	27.4	8.0	2.25	.41	.52	.64	25.6	7.5	2.56	.41	.53	.66
	800	380	32.0	9.4	1.78	.41	.54	.67	30.3	8.9	2.01	.42	.56	.69	28.6	8.4	2.27	.42	.57	.71	26.6	7.8	2.57	.43	.58	.74
	1000	470	32.9	9.6	1.79	.43	.58	.74	31.1	9.1	2.02	.43	.60	.76	29.3	8.6	2.28	.44	.61	.79	27.3	8.0	2.58	.45	.63	.82

HS32-030 — C23-26 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	28.9	8.5	1.92	.73	.86	.97	27.7	8.1	2.19	.74	.88	.98	26.4	7.7	2.51	.75	.90	1.00	25.0	7.3	2.88	.77	.92	1.00
	1000	470	30.0	8.8	1.92	.77	.92	1.00	28.7	8.4	2.20	.79	.94	1.00	27.4	8.0	2.51	.81	.96	1.00	26.0	7.6	2.88	.83	.98	1.00
	1200	565	30.8	9.0	1.93	.82	.97	1.00	29.6	8.7	2.20	.84	.98	1.00	28.3	8.3	2.51	.86	1.00	1.00	26.9	7.9	2.88	.89	1.00	1.00
67°F (19°C)	800	380	30.7	9.0	1.92	.57	.70	.83	29.4	8.6	2.20	.57	.71	.85	28.0	8.2	2.51	.59	.73	.87	26.5	7.8	2.88	.59	.75	.89
	1000	470	31.6	9.3	1.93	.60	.75	.90	30.3	8.9	2.20	.60	.77	.91	28.8	8.4	2.52	.62	.78	.93	27.2	8.0	2.89	.63	.81	.96
	1200	565	32.2	9.4	1.93	.63	.80	.95	30.9	9.1	2.21	.64	.82	.96	29.3	8.6	2.52	.65	.84	.98	27.7	8.1	2.89	.67	.87	1.00
71°F (22°C)	800	380	32.7	9.6	1.93	.43	.55	.68	31.3	9.2	2.21	.43	.56	.69	29.9	8.8	2.52	.43	.57	.70	28.2	8.3	2.89	.44	.58	.72
	1000	470	33.6	9.8	1.94	.44	.58	.73	32.2	9.4	2.21	.44	.59	.75	30.6	9.0	2.53	.44	.60	.76	28.9	8.5	2.90	.45	.62	.79
	1200	565	34.2	10.0	1.94	.45	.61	.78	32.7	9.6	2.22	.45	.63	.80	31.1	9.1	2.53	.46	.64	.82	29.4	8.6	2.90	.47	.66	.85

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS32-030 — C33-30A/B - C23-31 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)			
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	28.3	8.3	1.81	.72	.86	.97	27.1	7.9	2.06	.73	.87	.98	25.8	7.6	2.36	.75	.89	.99	24.4	7.2	2.71	.76	.91	1.00
	1000	470	29.3	8.6	1.81	.77	.91	1.00	28.1	8.2	2.07	.78	.93	1.00	26.7	7.8	2.37	.80	.96	1.00	25.3	7.4	2.71	.82	.98	1.00
	1200	565	30.1	8.8	1.82	.81	.97	1.00	28.9	8.5	2.07	.83	.98	1.00	27.6	8.1	2.37	.85	.99	1.00	26.2	7.7	2.71	.87	1.00	1.00
67°F (19°C)	800	380	30.1	8.8	1.81	.56	.69	.82	28.8	8.4	2.07	.57	.70	.84	27.4	8.0	2.37	.58	.72	.86	25.9	7.6	2.72	.59	.74	.88
	1000	470	31.0	9.1	1.82	.59	.74	.88	29.6	8.7	2.08	.60	.76	.91	28.2	8.3	2.37	.61	.78	.93	26.6	7.8	2.72	.62	.80	.95
	1200	565	31.6	9.3	1.82	.62	.79	.94	30.2	8.9	2.08	.63	.81	.96	28.7	8.4	2.38	.64	.83	.98	27.1	7.9	2.72	.66	.86	.99
71°F (22°C)	800	380	32.1	9.4	1.82	.42	.55	.67	30.7	9.0	2.08	.43	.55	.68	29.2	8.6	2.38	.43	.57	.70	27.6	8.1	2.73	.43	.58	.72
	1000	470	33.0	9.7	1.83	.43	.58	.72	31.5	9.2	2.09	.44	.59	.74	30.0	8.8	2.38	.44	.60	.76	28.3	8.3	2.73	.45	.61	.78
	1200	565	33.6	9.8	1.83	.45	.61	.77	32.1	9.4	2.09	.45	.62	.79	30.5	8.9	2.39	.46	.64	.81	28.8	8.4	2.73	.46	.65	.84

HS32-030 — C26-26 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)			
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	28.6	8.4	1.80	.72	.86	.97	27.4	8.0	2.06	.74	.88	.99	26.0	7.6	2.36	.75	.90	1.00	24.6	7.2	2.70	.77	.92	1.00
	1000	470	29.6	8.7	1.81	.78	.93	1.00	28.4	8.3	2.07	.79	.94	1.00	27.0	7.9	2.36	.81	.97	1.00	25.6	7.5	2.70	.84	.98	1.00
	1200	565	30.5	8.9	1.81	.83	.98	1.00	29.3	8.6	2.07	.84	.99	1.00	28.0	8.2	2.36	.87	1.00	1.00	26.6	7.8	2.71	.89	1.00	1.00
67°F (19°C)	800	380	30.4	8.9	1.81	.57	.70	.83	29.1	8.5	2.07	.57	.71	.85	27.6	8.1	2.37	.58	.73	.87	26.1	7.6	2.71	.60	.75	.89
	1000	470	31.3	9.2	1.82	.60	.75	.90	29.9	8.8	2.08	.61	.77	.91	28.4	8.3	2.37	.62	.79	.94	26.8	7.9	2.71	.63	.81	.96
	1200	565	32.0	9.4	1.82	.63	.80	.95	30.5	8.9	2.08	.64	.83	.97	29.0	8.5	2.37	.65	.85	.99	27.4	8.0	2.72	.67	.87	1.00
71°F (22°C)	800	380	32.4	9.5	1.82	.43	.55	.67	31.0	9.1	2.08	.43	.56	.69	29.4	8.6	2.38	.43	.57	.70	27.8	8.1	2.72	.44	.58	.72
	1000	470	33.3	9.8	1.83	.44	.58	.73	31.8	9.3	2.09	.44	.59	.75	30.2	8.9	2.38	.44	.61	.77	28.5	8.4	2.73	.45	.62	.79
	1200	565	33.9	9.9	1.83	.45	.62	.78	32.4	9.5	2.09	.45	.63	.80	30.8	9.0	2.39	.46	.65	.83	29.0	8.5	2.73	.47	.67	.85

HS32-030 — C33-36A/B/C - C23-41 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)			
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	28.7	8.4	1.81	.72	.86	.97	27.5	8.1	2.07	.74	.88	.99	26.2	7.7	2.36	.75	.89	1.00	24.7	7.2	2.71	.77	.92	1.00
	1000	470	29.8	8.7	1.82	.77	.92	1.00	28.6	8.4	2.07	.79	.94	1.00	27.2	8.0	2.36	.81	.96	1.00	25.7	7.5	2.71	.83	.99	1.00
	1200	565	30.7	9.0	1.82	.82	.97	1.00	29.4	8.6	2.08	.84	.99	1.00	28.1	8.2	2.37	.86	1.00	1.00	26.7	7.8	2.72	.88	1.00	1.00
67°F (19°C)	800	380	30.6	9.0	1.82	.57	.70	.82	29.3	8.6	2.07	.57	.71	.84	27.9	8.2	2.37	.58	.72	.86	26.3	7.7	2.72	.59	.75	.89
	1000	470	31.6	9.3	1.82	.59	.75	.89	30.2	8.9	2.08	.60	.76	.91	28.7	8.4	2.38	.62	.78	.94	27.0	7.9	2.72	.63	.81	.96
	1200	565	32.2	9.4	1.83	.62	.80	.95	30.8	9.0	2.09	.64	.82	.97	29.3	8.6	2.38	.65	.84	.98	27.6	8.1	2.73	.67	.87	1.00
71°F (22°C)	800	380	32.6	9.6	1.83	.43	.55	.67	31.2	9.1	2.09	.43	.56	.69	29.7	8.7	2.38	.43	.57	.70	28.1	8.2	2.73	.44	.58	.72
	1000	470	33.6	9.8	1.83	.44	.58	.72	32.1	9.4	2.09	.44	.59	.74	30.5	8.9	2.39	.44	.60	.76	28.8	8.4	2.73	.45	.62	.79
	1200	565	34.2	10.0	1.84	.45	.61	.78	32.7	9.6	2.10	.45	.62	.80	31.1	9.1	2.40	.46	.64	.82	29.3	8.6	2.74	.47	.66	.84

HS32-030 — C26-31 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)			
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	30.2	8.9	1.81	.67	.82	.96	28.9	8.5	2.07	.68	.84	.99	27.4	8.0	2.36	.69	.87	1.00	25.9	7.6	2.71	.71	.90	1.00
	1000	470	31.4	9.2	1.82	.72	.90	1.00	30.0	8.8	2.07	.74	.92	1.00	28.5	8.4	2.37	.76	.95	1.00	26.9	7.9	2.71	.79	.98	1.00
	1200	565	32.3	9.5	1.82	.78	.97	1.00	31.0	9.1	2.08	.80	.99	1.00	29.5	8.6	2.37	.83	1.00	1.00	28.0	8.2	2.72	.86	1.00	1.00
67°F (19°C)	800	380	32.2	9.4	1.82	.53	.64	.78	30.8	9.0	2.08	.53	.66	.80	29.2	8.6	2.37	.54	.67	.82	27.5	8.1	2.72	.55	.69	.85
	1000	470	33.2	9.7	1.83	.55	.69	.86	31.7	9.3	2.08	.56	.71	.88	30.1	8.8	2.38	.57	.73	.92	28.3	8.3	2.73	.59	.76	.96
	1200	565	34.0	10.0	1.83	.58	.75	.94	32.4	9.5	2.09	.59	.77	.96	30.7	9.0	2.39	.61	.80	.99	28.9	8.5	2.73	.62	.83	1.00
71°F (22°C)	800	380	34.4	10.1	1.84	.39	.51	.62	32.8	9.6	2.10	.40	.52	.64	31.2	9.1	2.39	.40	.52	.65	29.4	8.6	2.73	.40	.54	.67
	1000	470	35.4	10.4	1.84	.40	.54	.67	33.8	9.9	2.10	.41	.55	.69	32.0	9.4	2.40	.41	.56	.71	30.2	8.9	2.74	.42	.57	.73
	1200	565	36.2	10.6	1.85	.42	.57	.72	34.4	10.1	2.11	.42	.58	.75	32.6	9.6	2.40	.43	.60	.78	30.7	9.0	2.75	.43	.61	.81

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS32-030 — C33-38A/B - C26-41 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	30.1	8.8	1.81	.71	.85	.98	28.7	8.4	2.07	.72	.87	.99	27.2	8.0	2.36	.74	.90	1.00	25.6	7.5	2.71	.77	.92	1.00
	1000	470	31.3	9.2	1.82	.77	.92	1.00	29.9	8.8	2.08	.78	.94	1.00	28.3	8.3	2.37	.81	.97	1.00	26.7	7.8	2.71	.83	1.00	1.00
	1200	565	32.3	9.5	1.83	.82	.98	1.00	30.9	9.1	2.08	.84	1.00	1.00	29.5	8.6	2.38	.87	1.00	1.00	27.9	8.2	2.72	.90	1.00	1.00
67°F (19°C)	800	380	32.1	9.4	1.82	.56	.69	.81	30.6	9.0	2.08	.56	.70	.84	29.0	8.5	2.38	.58	.72	.86	27.2	8.0	2.72	.59	.74	.89
	1000	470	33.2	9.7	1.83	.59	.74	.89	31.6	9.3	2.09	.60	.76	.92	29.9	8.8	2.38	.61	.78	.94	28.0	8.2	2.72	.63	.81	.97
	1200	565	33.9	9.9	1.84	.62	.80	.96	32.3	9.5	2.09	.63	.82	.98	30.5	8.9	2.39	.65	.85	1.00	28.7	8.4	2.73	.67	.88	1.00
71°F (22°C)	800	380	34.3	10.1	1.84	.42	.54	.66	32.7	9.6	2.10	.42	.55	.68	31.0	9.1	2.39	.43	.56	.69	29.1	8.5	2.74	.43	.57	.72
	1000	470	35.3	10.3	1.85	.43	.58	.72	33.6	9.8	2.11	.43	.59	.74	31.8	9.3	2.40	.44	.60	.76	29.9	8.8	2.74	.45	.62	.78
	1200	565	36.1	10.6	1.85	.44	.61	.78	34.3	10.1	2.11	.45	.62	.80	32.4	9.5	2.41	.46	.64	.83	30.4	8.9	2.75	.46	.66	.85

HS32-030 — C26-46 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	30.3	8.9	1.81	.72	.85	.97	28.9	8.5	2.07	.73	.87	.99	27.4	8.0	2.37	.75	.89	1.00	25.8	7.6	2.71	.77	.92	1.00
	1000	470	31.5	9.2	1.82	.77	.92	1.00	30.1	8.8	2.08	.79	.94	1.00	28.5	8.4	2.38	.81	.97	1.00	26.9	7.9	2.72	.83	.99	1.00
	1200	565	32.5	9.5	1.83	.82	.98	1.00	31.1	9.1	2.09	.84	1.00	1.00	29.7	8.7	2.38	.87	1.00	1.00	28.2	8.3	2.72	.90	1.00	1.00
67°F (19°C)	800	380	32.3	9.5	1.83	.56	.69	.82	30.8	9.0	2.09	.57	.70	.83	29.2	8.6	2.38	.58	.72	.86	27.5	8.1	2.73	.59	.74	.88
	1000	470	33.4	9.8	1.84	.59	.75	.89	31.9	9.3	2.09	.60	.76	.91	30.2	8.9	2.39	.62	.78	.94	28.4	8.3	2.73	.63	.81	.97
	1200	565	34.2	10.0	1.84	.63	.80	.96	32.6	9.6	2.10	.64	.82	.98	30.9	9.1	2.40	.65	.84	.99	29.0	8.5	2.74	.67	.88	1.00
71°F (22°C)	800	380	34.5	10.1	1.84	.43	.54	.66	33.0	9.7	2.10	.43	.55	.68	31.3	9.2	2.40	.43	.56	.69	29.4	8.6	2.74	.44	.57	.72
	1000	470	35.6	10.4	1.85	.44	.58	.72	34.0	10.0	2.11	.44	.59	.74	32.2	9.4	2.41	.44	.60	.76	30.3	8.9	2.75	.45	.62	.79
	1200	565	36.4	10.7	1.86	.45	.62	.78	34.7	10.2	2.12	.45	.63	.80	32.8	9.6	2.41	.46	.64	.82	30.8	9.0	2.75	.47	.66	.85

HS32-030 — CR26-31 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	28.7	8.4	1.86	.73	.87	.99	27.6	8.1	2.11	.75	.88	1.00	26.3	7.7	2.41	.76	.91	1.00	25.0	7.3	2.75	.78	.93	1.00
	1000	470	29.9	8.8	1.85	.78	.93	1.00	28.7	8.4	2.10	.80	.95	1.00	27.4	8.0	2.40	.81	.97	1.00	26.0	7.6	2.74	.84	.99	1.00
	1200	565	30.9	9.1	1.85	.83	.99	1.00	29.6	8.7	2.10	.85	1.00	1.00	28.3	8.3	2.39	.87	1.00	1.00	27.0	7.9	2.73	.89	1.00	1.00
67°F (19°C)	800	380	30.8	9.0	1.85	.58	.71	.84	29.5	8.6	2.10	.58	.72	.85	28.1	8.2	2.39	.59	.73	.87	26.6	7.8	2.73	.60	.75	.89
	1000	470	31.8	9.3	1.84	.60	.76	.90	30.5	8.9	2.09	.61	.77	.92	29.0	8.5	2.38	.62	.79	.94	27.5	8.1	2.72	.64	.81	.97
	1200	565	32.6	9.6	1.84	.63	.81	.96	31.2	9.1	2.09	.64	.83	.98	29.7	8.7	2.38	.66	.85	1.00	28.1	8.2	2.72	.67	.87	1.00
71°F (22°C)	800	380	33.0	9.7	1.84	.44	.56	.68	31.6	9.3	2.09	.44	.57	.69	30.2	8.9	2.38	.44	.57	.70	28.6	8.4	2.71	.44	.58	.72
	1000	470	34.0	10.0	1.85	.44	.59	.73	32.6	9.6	2.09	.45	.60	.75	31.1	9.1	2.37	.45	.61	.77	29.4	8.6	2.70	.46	.62	.79
	1200	565	34.7	10.2	1.85	.46	.62	.78	33.3	9.8	2.09	.46	.63	.80	31.7	9.3	2.37	.47	.64	.82	30.0	8.8	2.70	.47	.66	.85

HS32-030 — CR26-41 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	29.3	8.6	1.85	.73	.87	.98	28.1	8.2	2.10	.74	.88	1.00	26.8	7.9	2.40	.76	.90	1.00	25.3	7.4	2.74	.78	.93	1.00
	1000	470	30.6	9.0	1.84	.78	.93	1.00	29.3	8.6	2.10	.80	.95	1.00	27.9	8.2	2.39	.81	.97	1.00	26.4	7.7	2.73	.84	1.00	1.00
	1200	565	31.6	9.3	1.84	.83	.99	1.00	30.3	8.9	2.09	.85	1.00	1.00	28.9	8.5	2.38	.87	1.00	1.00	27.5	8.1	2.72	.90	1.00	1.00
67°F (19°C)	800	380	31.4	9.2	1.84	.58	.71	.83	30.1	8.8	2.09	.58	.72	.85	28.7	8.4	2.38	.59	.73	.87	27.1	7.9	2.72	.60	.75	.89
	1000	470	32.6	9.6	1.84	.60	.75	.90	31.2	9.1	2.09	.61	.77	.92	29.7	8.7	2.37	.62	.79	.94	28.0	8.2	2.71	.64	.81	.97
	1200	565	33.4	9.8	1.85	.63	.81	.96	31.9	9.3	2.09	.64	.82	.98	30.4	8.9	2.37	.66	.84	1.00	28.7	8.4	2.71	.67	.87	1.00
71°F (22°C)	800	380	33.7	9.9	1.85	.44	.55	.68	32.3	9.5	2.09	.44	.56	.69	30.8	9.0	2.37	.44	.57	.70	29.2	8.6	2.70	.44	.58	.72
	1000	470	34.8	10.2	1.85	.45	.59	.73	33.3	9.8	2.10	.45	.60	.75	31.8	9.3	2.38	.45	.61	.76	30.0	8.8	2.70	.45	.62	.79
	1200	565	35.6	10.4	1.86	.46	.62	.78	34.0	10.0	2.10	.46	.63	.80	32.4	9.5	2.38	.47	.65	.82	30.6	9.0	2.70	.47	.66	.85

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS32-030 — CR26-51 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	29.4	8.6	1.85	.72	.86	.98	28.1	8.2	2.10	.74	.88	1.00	26.8	7.9	2.39	.75	.90	1.00	25.3	7.4	2.74	.77	.92	1.00
	1000	470	30.7	9.0	1.84	.77	.92	1.00	29.3	8.6	2.09	.79	.94	1.00	27.9	8.2	2.39	.80	.97	1.00	26.4	7.7	2.73	.83	.99	1.00
	1200	565	31.6	9.3	1.84	.82	.98	1.00	30.3	8.9	2.09	.83	1.00	1.00	28.9	8.5	2.38	.86	1.00	1.00	27.5	8.1	2.71	.88	1.00	1.00
67°F (19°C)	800	380	31.6	9.3	1.84	.57	.70	.82	30.3	8.9	2.09	.58	.71	.84	28.8	8.4	2.38	.58	.72	.86	27.2	8.0	2.72	.60	.74	.88
	1000	470	32.8	9.6	1.85	.60	.74	.89	31.4	9.2	2.09	.60	.76	.91	29.8	8.7	2.37	.62	.78	.93	28.1	8.2	2.71	.63	.80	.96
	1200	565	33.6	9.8	1.85	.62	.79	.95	32.1	9.4	2.09	.64	.81	.97	30.5	8.9	2.37	.65	.83	.99	28.8	8.4	2.70	.66	.86	1.00
71°F (22°C)	800	380	33.9	9.9	1.85	.43	.55	.67	32.5	9.5	2.09	.44	.56	.68	31.0	9.1	2.37	.44	.57	.69	29.3	8.6	2.70	.44	.58	.71
	1000	470	35.1	10.3	1.86	.44	.58	.72	33.6	9.8	2.10	.45	.59	.73	31.9	9.3	2.38	.45	.60	.75	30.2	8.9	2.70	.45	.62	.77
	1200	565	35.9	10.5	1.86	.45	.61	.77	34.3	10.1	2.11	.46	.62	.79	32.6	9.6	2.38	.46	.64	.81	30.8	9.0	2.71	.47	.65	.83

HS32-030 — CH23-21 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	27.8	8.1	1.86	.72	.86	.97	26.7	7.8	2.12	.73	.87	.98	25.5	7.5	2.42	.74	.89	.99	24.3	7.1	2.76	.76	.91	1.00
	1000	470	28.9	8.5	1.86	.77	.92	1.00	27.8	8.1	2.11	.78	.93	1.00	26.6	7.8	2.41	.80	.95	1.00	25.2	7.4	2.75	.82	.97	1.00
	1200	565	29.8	8.7	1.85	.82	.97	1.00	28.6	8.4	2.11	.83	.98	1.00	27.4	8.0	2.40	.85	.99	1.00	26.2	7.7	2.74	.87	1.00	1.00
67°F (19°C)	800	380	29.6	8.7	1.86	.56	.70	.82	28.5	8.4	2.11	.57	.71	.84	27.2	8.0	2.40	.58	.72	.86	25.8	7.6	2.75	.59	.74	.88
	1000	470	30.6	9.0	1.85	.59	.75	.89	29.4	8.6	2.10	.60	.76	.91	28.0	8.2	2.40	.61	.78	.93	26.6	7.8	2.74	.63	.80	.95
	1200	565	31.3	9.2	1.85	.62	.79	.94	30.0	8.8	2.10	.63	.81	.96	28.6	8.4	2.39	.64	.83	.97	27.1	7.9	2.73	.66	.86	.99
71°F (22°C)	800	380	31.7	9.3	1.85	.43	.55	.67	30.5	8.9	2.10	.43	.55	.68	29.1	8.5	2.39	.43	.56	.69	27.6	8.1	2.73	.43	.57	.71
	1000	470	32.7	9.6	1.84	.43	.58	.72	31.4	9.2	2.09	.44	.59	.73	29.9	8.8	2.38	.44	.60	.75	28.4	8.3	2.72	.45	.61	.77
	1200	565	33.4	9.8	1.84	.45	.61	.77	32.0	9.4	2.09	.45	.62	.79	30.5	8.9	2.38	.46	.63	.81	28.9	8.5	2.72	.46	.65	.83

HS32-030 — CH33-36A/B-F - CH23-31 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	28.2	8.3	1.85	.72	.85	.97	27.1	7.9	2.10	.73	.87	.98	25.9	7.6	2.39	.74	.88	.99	24.6	7.2	2.74	.76	.91	1.00
	1000	470	29.4	8.6	1.84	.77	.91	1.00	28.2	8.3	2.09	.78	.93	1.00	26.9	7.9	2.38	.80	.95	1.00	25.6	7.5	2.72	.82	.97	1.00
	1200	565	30.3	8.9	1.84	.81	.96	1.00	29.1	8.5	2.09	.83	.98	1.00	27.9	8.2	2.38	.85	.99	1.00	26.6	7.8	2.71	.87	1.00	1.00
67°F (19°C)	800	380	30.2	8.9	1.84	.56	.69	.82	29.0	8.5	2.09	.57	.70	.83	27.6	8.1	2.38	.58	.72	.85	26.2	7.7	2.72	.59	.73	.87
	1000	470	31.2	9.1	1.83	.59	.74	.88	29.9	8.8	2.08	.60	.76	.90	28.5	8.4	2.37	.61	.78	.92	27.0	7.9	2.71	.62	.80	.95
	1200	565	31.9	9.3	1.83	.62	.79	.94	30.6	9.0	2.08	.63	.81	.95	29.2	8.6	2.37	.64	.83	.97	27.6	8.1	2.70	.66	.85	.99
71°F (22°C)	800	380	32.3	9.5	1.83	.42	.54	.66	31.0	9.1	2.08	.43	.55	.68	29.6	8.7	2.36	.43	.56	.69	28.1	8.2	2.70	.43	.57	.71
	1000	470	33.3	9.8	1.83	.44	.58	.71	32.0	9.4	2.07	.44	.58	.73	30.5	8.9	2.36	.44	.59	.75	28.9	8.5	2.69	.45	.61	.77
	1200	565	34.0	10.0	1.83	.44	.61	.77	32.6	9.6	2.07	.45	.62	.78	31.1	9.1	2.35	.45	.63	.80	29.4	8.6	2.68	.46	.65	.83

HS32-030 — CH23-41 - CH33-42B-F COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	29.3	8.6	1.85	.72	.85	.97	28.0	8.2	2.10	.73	.87	.98	26.7	7.8	2.40	.74	.88	1.00	25.3	7.4	2.74	.76	.91	1.00
	1000	470	30.5	8.9	1.84	.77	.91	1.00	29.3	8.6	2.09	.78	.93	1.00	27.9	8.2	2.39	.80	.95	1.00	26.4	7.7	2.73	.82	.98	1.00
	1200	565	31.6	9.3	1.84	.82	.97	1.00	30.3	8.9	2.09	.84	.98	1.00	28.9	8.5	2.38	.85	1.00	1.00	27.6	8.1	2.71	.88	1.00	1.00
67°F (19°C)	800	380	31.3	9.2	1.84	.56	.69	.81	30.0	8.8	2.09	.57	.70	.83	28.6	8.4	2.38	.58	.71	.85	27.0	7.9	2.72	.59	.73	.87
	1000	470	32.5	9.5	1.84	.59	.74	.88	31.1	9.1	2.09	.60	.76	.90	29.6	8.7	2.37	.61	.77	.92	27.9	8.2	2.71	.62	.80	.95
	1200	565	33.3	9.8	1.85	.62	.79	.94	31.8	9.3	2.09	.63	.81	.96	30.3	8.9	2.37	.65	.83	.98	28.6	8.4	2.70	.66	.86	1.00
71°F (22°C)	800	380	33.6	9.8	1.85	.43	.54	.66	32.2	9.4	2.09	.43	.55	.67	30.7	9.0	2.37	.43	.56	.69	29.1	8.5	2.70	.43	.57	.70
	1000	470	34.7	10.2	1.85	.43	.57	.71	33.2	9.7	2.10	.44	.58	.73	31.6	9.3	2.37	.44	.59	.75	29.9	8.8	2.70	.44	.61	.77
	1200	565	35.5	10.4	1.86	.45	.61	.77	33.9	9.9	2.10	.45	.62	.79	32.3	9.5	2.38	.46	.63	.81	30.5	8.9	2.70	.46	.65	.83

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS32-030 — CH33-44B-F - CH23-51 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	29.8	8.7	1.85	.71	.85	.96	28.5	8.4	2.10	.73	.86	.98	27.2	8.0	2.39	.74	.88	1.00	25.7	7.5	2.73	.76	.91	1.00
	1000	470	31.1	9.1	1.84	.76	.91	1.00	29.8	8.7	2.09	.78	.93	1.00	28.4	8.3	2.38	.80	.95	1.00	26.9	7.9	2.72	.82	.98	1.00
	1200	565	32.2	9.4	1.84	.81	.97	1.00	30.9	9.1	2.09	.83	.98	1.00	29.5	8.6	2.37	.85	1.00	1.00	28.0	8.2	2.71	.88	1.00	1.00
67°F (19°C)	800	380	31.9	9.3	1.84	.56	.69	.81	30.6	9.0	2.09	.57	.70	.82	29.1	8.5	2.38	.57	.71	.85	27.5	8.1	2.71	.59	.73	.87
	1000	470	33.1	9.7	1.85	.59	.74	.88	31.7	9.3	2.09	.60	.75	.90	30.1	8.8	2.37	.61	.77	.92	28.5	8.4	2.71	.62	.79	.95
	1200	565	33.9	9.9	1.85	.62	.79	.94	32.5	9.5	2.09	.63	.81	.96	30.9	9.1	2.37	.64	.83	.98	29.2	8.6	2.70	.66	.85	1.00
71°F (22°C)	800	380	34.2	10.0	1.85	.42	.54	.66	32.8	9.6	2.09	.42	.55	.67	31.3	9.2	2.37	.43	.56	.68	29.6	8.7	2.70	.43	.57	.70
	1000	470	35.4	10.4	1.86	.43	.57	.71	33.9	9.9	2.10	.44	.58	.73	32.2	9.4	2.38	.44	.60	.75	30.4	8.9	2.70	.45	.61	.77
	1200	565	36.2	10.6	1.86	.44	.61	.77	34.6	10.1	2.10	.45	.62	.78	32.9	9.6	2.38	.46	.63	.81	31.0	9.1	2.71	.46	.65	.83

HS32-030 — CB29M-21/26 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	27.1	7.9	1.82	.72	.86	.97	26.0	7.6	2.08	.73	.87	.98	24.8	7.3	2.39	.75	.89	.99	23.5	6.9	2.75	.76	.91	1.00
	900	425	27.6	8.1	1.82	.75	.89	.99	26.5	7.8	2.08	.76	.91	1.00	25.3	7.4	2.39	.78	.92	1.00	23.9	7.0	2.74	.79	.95	1.00
	1000	470	28.1	8.2	1.82	.77	.92	1.00	27.0	7.9	2.08	.78	.93	1.00	25.7	7.5	2.38	.80	.95	1.00	24.4	7.2	2.74	.83	.98	1.00
67°F (19°C)	800	380	28.9	8.5	1.81	.56	.69	.82	27.7	8.1	2.08	.57	.71	.84	26.4	7.7	2.38	.58	.72	.86	24.9	7.3	2.74	.59	.74	.88
	900	425	29.4	8.6	1.81	.58	.72	.85	28.1	8.2	2.07	.59	.73	.87	26.8	7.9	2.38	.60	.75	.89	25.3	7.4	2.73	.61	.77	.92
	1000	470	29.7	8.7	1.81	.59	.75	.89	28.5	8.4	2.07	.60	.76	.91	27.1	7.9	2.37	.61	.78	.93	25.7	7.5	2.73	.63	.80	.95
71°F (22°C)	800	380	30.8	9.0	1.81	.43	.55	.67	29.6	8.7	2.07	.43	.55	.68	28.2	8.3	2.37	.43	.56	.70	26.7	7.8	2.72	.43	.57	.72
	900	425	31.3	9.2	1.80	.43	.56	.69	30.0	8.8	2.06	.43	.57	.71	28.6	8.4	2.37	.44	.58	.73	27.1	7.9	2.72	.44	.59	.75
	1000	470	31.7	9.3	1.80	.44	.58	.72	30.4	8.9	2.06	.44	.59	.74	29.0	8.5	2.36	.44	.60	.76	27.4	8.0	2.72	.45	.61	.78

HS32-030 — CB29M-31 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	28.6	8.4	1.83	.72	.85	.97	27.4	8.0	2.10	.73	.87	.98	26.1	7.6	2.40	.75	.89	.99	24.7	7.2	2.76	.76	.91	1.00
	1000	470	29.7	8.7	1.83	.77	.91	1.00	28.4	8.3	2.09	.78	.93	1.00	27.1	7.9	2.40	.80	.95	1.00	25.7	7.5	2.75	.82	.97	1.00
	1200	565	30.6	9.0	1.82	.81	.96	1.00	29.3	8.6	2.09	.83	.98	1.00	28.0	8.2	2.39	.85	.99	1.00	26.7	7.8	2.75	.88	1.00	1.00
67°F (19°C)	800	380	30.5	8.9	1.82	.56	.69	.82	29.2	8.6	2.09	.57	.71	.84	27.8	8.1	2.39	.58	.72	.86	26.3	7.7	2.75	.59	.74	.88
	1000	470	31.4	9.2	1.82	.59	.74	.89	30.1	8.8	2.08	.60	.76	.90	28.7	8.4	2.39	.61	.78	.92	27.1	7.9	2.74	.63	.80	.95
	1200	565	32.1	9.4	1.82	.62	.79	.94	30.8	9.0	2.08	.63	.81	.96	29.3	8.6	2.38	.64	.83	.98	27.7	8.1	2.74	.66	.86	.99
71°F (22°C)	800	380	32.6	9.6	1.82	.42	.55	.67	31.2	9.1	2.08	.43	.55	.68	29.8	8.7	2.38	.43	.56	.69	28.2	8.3	2.74	.43	.57	.71
	1000	470	33.5	9.8	1.81	.44	.58	.72	32.1	9.4	2.07	.44	.59	.74	30.6	9.0	2.38	.44	.60	.75	28.9	8.5	2.73	.45	.61	.77
	1200	565	34.2	10.0	1.81	.44	.61	.77	32.8	9.6	2.07	.45	.62	.79	31.2	9.1	2.37	.46	.63	.81	29.5	8.6	2.73	.46	.65	.83

HS32-030 — CB29M-41 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	29.2	8.6	1.84	.71	.85	.96	27.9	8.2	2.10	.73	.87	.98	26.6	7.8	2.41	.74	.88	1.00	25.1	7.4	2.77	.76	.91	1.00
	1000	470	30.3	8.9	1.83	.76	.91	1.00	29.0	8.5	2.10	.78	.93	1.00	27.6	8.1	2.40	.80	.95	1.00	26.2	7.7	2.76	.82	.97	1.00
	1200	565	31.3	9.2	1.83	.81	.96	1.00	30.0	8.8	2.09	.83	.98	1.00	28.6	8.4	2.40	.85	.99	1.00	27.2	8.0	2.75	.88	1.00	1.00
67°F (19°C)	800	380	31.1	9.1	1.83	.56	.69	.81	29.8	8.7	2.09	.57	.70	.83	28.4	8.3	2.40	.58	.71	.85	26.8	7.9	2.76	.59	.74	.88
	1000	470	32.2	9.4	1.82	.59	.74	.88	30.8	9.0	2.09	.60	.75	.90	29.3	8.6	2.39	.61	.77	.92	27.6	8.1	2.75	.62	.80	.95
	1200	565	32.9	9.6	1.82	.62	.79	.94	31.5	9.2	2.08	.63	.81	.96	29.9	8.8	2.39	.64	.83	.97	28.2	8.3	2.75	.66	.85	.99
71°F (22°C)	800	380	33.3	9.8	1.82	.42	.54	.66	31.9	9.3	2.08	.43	.55	.67	30.4	8.9	2.39	.43	.56	.69	28.7	8.4	2.74	.43	.57	.71
	1000	470	34.3	10.1	1.83	.43	.57	.71	32.9	9.6	2.09	.44	.58	.73	31.3	9.2	2.38	.44	.59	.75	29.6	8.7	2.74	.45	.61	.77
	1200	565	35.0	10.3	1.83	.45	.61	.77	33.5	9.8	2.09	.45	.62	.79	31.9	9.3	2.39	.45	.63	.81	30.1	8.8	2.73	.46	.65	.83

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS32-030 — CB30M-21/26 - CB30U-21/26 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	29.0	8.5	1.81	.72	.86	.97	27.7	8.1	2.07	.73	.87	.99	26.4	7.7	2.36	.75	.89	1.00	24.9	7.3	2.71	.77	.92	1.00
	900	425	29.6	8.7	1.81	.74	.89	1.00	28.3	8.3	2.07	.76	.91	1.00	26.9	7.9	2.36	.78	.93	1.00	25.4	7.4	2.71	.80	.95	1.00
	1000	470	30.1	8.8	1.82	.77	.92	1.00	28.8	8.4	2.07	.79	.94	1.00	27.4	8.0	2.37	.81	.96	1.00	25.8	7.6	2.71	.83	.99	1.00
67°F (19°C)	800	380	30.9	9.1	1.82	.56	.69	.82	29.5	8.6	2.08	.57	.71	.84	28.0	8.2	2.37	.58	.73	.86	26.4	7.7	2.72	.59	.74	.89
	900	425	31.4	9.2	1.82	.58	.72	.86	30.0	8.8	2.08	.59	.74	.87	28.5	8.4	2.38	.60	.75	.90	26.8	7.9	2.72	.61	.78	.93
	1000	470	31.9	9.3	1.83	.59	.75	.89	30.4	8.9	2.08	.61	.76	.91	28.9	8.5	2.38	.62	.78	.93	27.2	8.0	2.73	.63	.81	.96
71°F (22°C)	800	380	32.9	9.6	1.83	.43	.55	.67	31.5	9.2	2.09	.43	.56	.68	29.9	8.8	2.39	.43	.57	.70	28.2	8.3	2.73	.44	.58	.72
	900	425	33.5	9.8	1.84	.43	.56	.70	32.0	9.4	2.10	.43	.57	.71	30.4	8.9	2.39	.44	.58	.73	28.6	8.4	2.74	.44	.60	.76
	1000	470	33.9	9.9	1.84	.44	.58	.72	32.4	9.5	2.10	.44	.59	.74	30.7	9.0	2.40	.44	.60	.76	28.9	8.5	2.74	.45	.62	.79

HS32-030 — CB30M-31 - CB30U-31 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	30.5	8.9	1.33	.72	.85	.97	29.1	8.5	1.52	.73	.87	.99	27.7	8.1	1.74	.75	.89	1.00	26.1	7.6	2.00	.77	.92	1.00
	1000	470	31.7	9.3	1.34	.77	.92	1.00	30.3	8.9	1.53	.79	.94	1.00	28.7	8.4	1.75	.81	.97	1.00	27.1	7.9	2.00	.83	.99	1.00
	1200	565	32.7	9.6	1.34	.82	.98	1.00	31.3	9.2	1.53	.84	.99	1.00	29.8	8.7	1.75	.86	1.00	1.00	28.3	8.3	2.01	.89	1.00	1.00
67°F (19°C)	800	380	32.5	9.5	1.34	.56	.69	.82	31.1	9.1	1.53	.57	.70	.84	29.5	8.6	1.75	.58	.72	.86	27.7	8.1	2.01	.59	.74	.89
	1000	470	33.6	9.8	1.35	.59	.75	.89	32.0	9.4	1.54	.60	.76	.91	30.4	8.9	1.76	.62	.78	.94	28.6	8.4	2.01	.63	.81	.96
	1200	565	34.4	10.1	1.35	.62	.80	.95	32.8	9.6	1.54	.64	.82	.97	31.0	9.1	1.76	.65	.84	.99	29.2	8.6	2.01	.67	.87	1.00
71°F (22°C)	800	380	34.7	10.2	1.36	.42	.54	.67	33.2	9.7	1.54	.43	.55	.68	31.5	9.2	1.76	.43	.56	.70	29.6	8.7	2.02	.44	.58	.72
	1000	470	35.8	10.5	1.36	.44	.58	.72	34.2	10.0	1.55	.44	.59	.74	32.4	9.5	1.77	.44	.60	.76	30.4	8.9	2.02	.45	.62	.78
	1200	565	36.6	10.7	1.36	.45	.61	.78	34.8	10.2	1.56	.45	.63	.80	33.0	9.7	1.77	.46	.64	.82	31.0	9.1	2.03	.46	.66	.85

HS32-030 — CB30M-41 - CB30U-41/46 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	29.9	8.8	1.80	.72	.85	.97	28.6	8.4	2.06	.73	.87	.99	27.1	7.9	2.36	.74	.89	1.00	25.5	7.5	2.70	.76	.92	1.00
	1000	470	31.1	9.1	1.81	.77	.92	1.00	29.7	8.7	2.07	.79	.94	1.00	28.2	8.3	2.36	.81	.96	1.00	26.6	7.8	2.71	.83	.99	1.00
	1200	565	32.1	9.4	1.82	.82	.98	1.00	30.7	9.0	2.08	.84	.99	1.00	29.2	8.6	2.37	.86	1.00	1.00	27.7	8.1	2.71	.89	1.00	1.00
67°F (19°C)	800	380	31.9	9.3	1.82	.56	.69	.82	30.5	8.9	2.07	.57	.70	.83	28.9	8.5	2.37	.58	.72	.86	27.2	8.0	2.71	.59	.74	.89
	1000	470	33.0	9.7	1.83	.59	.75	.89	31.4	9.2	2.08	.61	.76	.91	29.8	8.7	2.38	.61	.78	.94	28.0	8.2	2.72	.63	.81	.96
	1200	565	33.8	9.9	1.83	.63	.80	.95	32.2	9.4	2.09	.64	.82	.97	30.4	8.9	2.38	.65	.84	.99	28.6	8.4	2.72	.67	.87	1.00
71°F (22°C)	800	380	34.1	10.0	1.83	.43	.55	.67	32.6	9.6	2.09	.43	.55	.68	30.9	9.1	2.39	.43	.56	.70	29.1	8.5	2.73	.43	.57	.71
	1000	470	35.2	10.3	1.84	.43	.58	.72	33.6	9.8	2.10	.44	.59	.74	31.8	9.3	2.39	.44	.60	.76	29.9	8.8	2.73	.45	.62	.79
	1200	565	36.0	10.6	1.85	.45	.61	.78	34.2	10.0	2.10	.45	.63	.80	32.4	9.5	2.40	.46	.64	.82	30.4	8.9	2.74	.47	.66	.85

HS32-030 — CB30M-46 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	30.5	8.9	1.81	.72	.85	.97	29.1	8.5	2.06	.73	.87	.99	27.7	8.1	2.36	.75	.89	1.00	26.0	7.6	2.70	.76	.92	1.00
	1000	470	31.7	9.3	1.82	.77	.92	1.00	30.3	8.9	2.07	.78	.94	1.00	28.7	8.4	2.37	.80	.97	1.00	27.1	7.9	2.71	.83	.99	1.00
	1200	565	32.7	9.6	1.82	.82	.98	1.00	31.3	9.2	2.08	.84	.99	1.00	29.8	8.7	2.37	.86	1.00	1.00	28.3	8.3	2.71	.89	1.00	1.00
67°F (19°C)	800	380	32.6	9.6	1.82	.56	.69	.82	31.1	9.1	2.08	.57	.70	.84	29.5	8.6	2.37	.58	.72	.86	27.7	8.1	2.72	.59	.74	.89
	1000	470	33.7	9.9	1.83	.59	.74	.89	32.1	9.4	2.09	.60	.76	.91	30.4	8.9	2.38	.62	.78	.93	28.6	8.4	2.72	.63	.81	.97
	1200	565	34.5	10.1	1.83	.63	.80	.95	32.8	9.6	2.09	.64	.82	.97	31.1	9.1	2.39	.65	.84	.99	29.2	8.6	2.73	.67	.87	1.00
71°F (22°C)	800	380	34.8	10.2	1.84	.43	.55	.66	33.2	9.7	2.09	.43	.55	.68	31.5	9.2	2.39	.43	.56	.70	29.7	8.7	2.73	.43	.58	.71
	1000	470	35.9	10.5	1.85	.43	.58	.72	34.2	10.0	2.10	.44	.59	.74	32.4	9.5	2.40	.44	.60	.76	30.5	8.9	2.74	.45	.62	.78
	1200	565	36.7	10.8	1.85	.45	.61	.78	34.9	10.2	2.11	.45	.62	.80	33.1	9.7	2.40	.46	.64	.82	31.0	9.1	2.75	.47	.66	.85

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS32-030 — CB31MV-41 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	29.3	8.6	2.15	.71	.84	.96	28.0	8.2	2.47	.72	.86	.98	26.6	7.8	2.83	.74	.88	1.00	25.1	7.4	3.25	.76	.91	1.00
	1000	470	30.5	8.9	2.15	.76	.91	1.00	29.2	8.6	2.46	.78	.93	1.00	27.7	8.1	2.82	.80	.95	1.00	26.2	7.7	3.24	.82	.98	1.00
	1200	565	31.5	9.2	2.15	.81	.97	1.00	30.2	8.9	2.46	.83	.98	1.00	28.8	8.4	2.81	.85	1.00	1.00	27.3	8.0	3.23	.88	1.00	1.00
67°F (19°C)	800	380	31.4	9.2	2.15	.56	.68	.81	30.0	8.8	2.46	.57	.70	.82	28.5	8.4	2.82	.58	.71	.85	26.9	7.9	3.23	.58	.73	.87
	1000	470	32.5	9.5	2.16	.59	.74	.88	31.0	9.1	2.47	.60	.75	.90	29.4	8.6	2.81	.61	.77	.92	27.8	8.1	3.23	.62	.79	.95
	1200	565	33.2	9.7	2.17	.62	.79	.94	31.7	9.3	2.47	.63	.81	.96	30.1	8.8	2.82	.64	.83	.98	28.4	8.3	3.23	.66	.86	1.00
71°F (22°C)	800	380	33.5	9.8	2.17	.42	.54	.66	32.1	9.4	2.47	.42	.55	.67	30.6	9.0	2.82	.43	.56	.68	28.8	8.4	3.23	.43	.57	.70
	1000	470	34.6	10.1	2.18	.43	.57	.71	33.1	9.7	2.49	.44	.58	.73	31.4	9.2	2.84	.44	.60	.75	29.7	8.7	3.24	.44	.61	.77
	1200	565	35.4	10.4	2.19	.44	.60	.77	33.8	9.9	2.49	.45	.62	.78	32.1	9.4	2.84	.45	.63	.81	30.2	8.9	3.25	.46	.65	.83

HS32-036 — C23-31 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	33.1	9.7	2.26	.73	.87	.98	31.9	9.3	2.56	.74	.88	.99	30.5	8.9	2.92	.75	.90	1.00	29.0	8.5	3.34	.77	.92	1.00
	1200	565	34.1	10.0	2.25	.77	.91	1.00	32.8	9.6	2.56	.78	.93	1.00	31.4	9.2	2.92	.80	.95	1.00	29.8	8.7	3.33	.82	.97	1.00
	1400	660	34.9	10.2	2.25	.80	.96	1.00	33.6	9.8	2.55	.82	.97	1.00	32.2	9.4	2.91	.84	.99	1.00	30.6	9.0	3.33	.86	1.00	1.00
67°F (19°C)	1000	470	35.3	10.3	2.24	.57	.70	.83	33.9	9.9	2.55	.58	.71	.85	32.4	9.5	2.91	.59	.73	.86	30.8	9.0	3.33	.59	.75	.89
	1200	565	36.1	10.6	2.24	.59	.74	.88	34.7	10.2	2.54	.60	.75	.90	33.2	9.7	2.90	.61	.77	.92	31.5	9.2	3.32	.62	.79	.94
	1400	660	36.8	10.8	2.24	.62	.78	.93	35.3	10.3	2.54	.62	.80	.95	33.8	9.9	2.90	.64	.81	.96	32.0	9.4	3.31	.65	.84	.98
71°F (22°C)	1000	470	37.6	11.0	2.23	.43	.55	.67	36.2	10.6	2.54	.43	.56	.69	34.6	10.1	2.89	.44	.57	.70	32.9	9.6	3.31	.44	.58	.72
	1200	565	38.5	11.3	2.23	.44	.58	.72	37.0	10.8	2.53	.44	.58	.73	35.3	10.3	2.89	.44	.60	.75	33.6	9.8	3.30	.45	.61	.77
	1400	660	39.1	11.5	2.23	.44	.60	.76	37.6	11.0	2.53	.45	.61	.77	35.9	10.5	2.88	.45	.62	.79	34.1	10.0	3.30	.46	.64	.82

HS32-036 — C33-36A/B/C - C23-41 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	33.4	9.8	2.23	.70	.84	.96	32.1	9.4	2.54	.72	.86	.98	30.6	9.0	2.89	.73	.88	.99	29.1	8.5	3.31	.75	.90	1.00
	1200	565	34.4	10.1	2.22	.75	.90	1.00	33.0	9.7	2.53	.76	.92	1.00	31.6	9.3	2.88	.78	.94	1.00	30.0	8.8	3.30	.80	.96	1.00
	1400	660	35.2	10.3	2.22	.78	.94	1.00	33.9	9.9	2.52	.80	.96	1.00	32.4	9.5	2.88	.82	.98	1.00	30.9	9.1	3.29	.84	.99	1.00
67°F (19°C)	1000	470	35.5	10.4	2.22	.55	.68	.81	34.1	10.0	2.52	.56	.69	.83	32.6	9.6	2.88	.57	.71	.85	30.9	9.1	3.29	.58	.72	.87
	1200	565	36.4	10.7	2.21	.58	.72	.87	35.0	10.3	2.52	.58	.73	.88	33.4	9.8	2.87	.59	.75	.91	31.7	9.3	3.28	.60	.77	.93
	1400	660	37.1	10.9	2.21	.60	.76	.91	35.6	10.4	2.51	.61	.78	.93	34.0	10.0	2.86	.62	.80	.95	32.2	9.4	3.28	.63	.82	.97
71°F (22°C)	1000	470	37.9	11.1	2.21	.42	.54	.65	36.4	10.7	2.51	.42	.54	.67	34.8	10.2	2.86	.42	.55	.68	33.1	9.7	3.27	.42	.56	.70
	1200	565	38.7	11.3	2.21	.43	.56	.70	37.2	10.9	2.50	.43	.57	.71	35.6	10.4	2.85	.43	.58	.73	33.8	9.9	3.27	.43	.59	.75
	1400	660	39.4	11.5	2.21	.43	.58	.74	37.8	11.1	2.51	.44	.59	.75	36.2	10.6	2.85	.44	.61	.77	34.3	10.1	3.26	.45	.62	.80

HS32-036 — C23-46 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	35.5	10.4	2.26	.73	.87	.99	34.1	10.0	2.57	.75	.89	1.00	32.6	9.6	2.93	.76	.91	1.00	30.9	9.1	3.35	.78	.93	1.00
	1200	565	36.6	10.7	2.26	.77	.92	1.00	35.2	10.3	2.56	.79	.94	1.00	33.6	9.8	2.92	.80	.96	1.00	31.9	9.3	3.34	.83	.98	1.00
	1400	660	37.5	11.0	2.25	.81	.97	1.00	36.1	10.6	2.56	.83	.98	1.00	34.5	10.1	2.92	.85	1.00	1.00	32.8	9.6	3.34	.87	1.00	1.00
67°F (19°C)	1000	470	37.9	11.1	2.25	.58	.71	.84	36.4	10.7	2.56	.58	.72	.85	34.7	10.2	2.92	.59	.74	.87	32.9	9.6	3.34	.60	.75	.90
	1200	565	38.9	11.4	2.24	.60	.75	.89	37.3	10.9	2.55	.61	.76	.91	35.6	10.4	2.91	.62	.78	.93	33.7	9.9	3.33	.63	.80	.96
	1400	660	39.6	11.6	2.25	.62	.79	.94	38.0	11.1	2.55	.63	.80	.96	36.2	10.6	2.90	.64	.82	.98	34.3	10.1	3.32	.66	.85	1.00
71°F (22°C)	1000	470	40.4	11.8	2.25	.43	.56	.68	38.8	11.4	2.55	.44	.57	.69	37.1	10.9	2.90	.44	.58	.71	35.2	10.3	3.32	.44	.59	.73
	1200	565	41.3	12.1	2.25	.44	.58	.72	39.7	11.6	2.55	.44	.59	.74	37.9	11.1	2.91	.45	.60	.76	36.0	10.6	3.31	.45	.62	.78
	1400	660	42.0	12.3	2.26	.45	.61	.77	40.4	11.8	2.56	.45	.62	.78	38.5	11.3	2.91	.46	.63	.80	36.6	10.7	3.32	.47	.64	.82

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS32-036 — C26-31 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)			
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	33.9	9.9	2.25	.72	.86	.98	32.5	9.5	2.55	.74	.88	.99	31.0	9.1	2.90	.75	.90	1.00	29.3	8.6	3.30	.77	.92	1.00
	1200	565	34.9	10.2	2.25	.77	.92	1.00	33.5	9.8	2.55	.78	.93	1.00	31.9	9.3	2.90	.80	.96	1.00	30.2	8.9	3.31	.82	.98	1.00
	1400	660	35.8	10.5	2.26	.81	.96	1.00	34.3	10.1	2.56	.83	.98	1.00	32.8	9.6	2.91	.85	.99	1.00	31.2	9.1	3.31	.87	1.00	1.00
67°F (19°C)	1000	470	36.0	10.6	2.26	.57	.70	.83	34.5	10.1	2.56	.57	.71	.85	32.8	9.6	2.91	.59	.73	.87	31.1	9.1	3.32	.59	.75	.89
	1200	565	36.9	10.8	2.26	.59	.74	.88	35.3	10.3	2.57	.60	.76	.90	33.6	9.8	2.91	.61	.78	.93	31.8	9.3	3.32	.63	.80	.95
	1400	660	37.6	11.0	2.27	.62	.78	.93	36.0	10.6	2.57	.63	.80	.95	34.2	10.0	2.92	.64	.82	.97	32.3	9.5	3.33	.66	.85	.99
71°F (22°C)	1000	470	38.4	11.3	2.27	.42	.55	.67	36.8	10.8	2.57	.43	.56	.69	35.0	10.3	2.92	.43	.57	.71	33.2	9.7	3.33	.43	.58	.72
	1200	565	39.3	11.5	2.28	.44	.58	.72	37.6	11.0	2.58	.44	.59	.74	35.8	10.5	2.93	.44	.60	.75	33.8	9.9	3.34	.45	.61	.78
	1400	660	39.9	11.7	2.28	.44	.60	.76	38.2	11.2	2.58	.45	.62	.78	36.3	10.6	2.93	.45	.63	.80	34.3	10.1	3.34	.46	.65	.83

HS32-036 — C33-38B - C26-41 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)			
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	35.1	10.3	2.25	.72	.85	.97	33.7	9.9	2.56	.73	.87	.98	32.2	9.4	2.91	.74	.89	1.00	30.5	8.9	3.33	.76	.91	1.00
	1200	565	36.2	10.6	2.24	.76	.91	1.00	34.8	10.2	2.55	.77	.92	1.00	33.2	9.7	2.91	.79	.94	1.00	31.5	9.2	3.33	.81	.97	1.00
	1400	660	37.1	10.9	2.24	.80	.95	1.00	35.7	10.5	2.54	.82	.97	1.00	34.1	10.0	2.90	.83	.99	1.00	32.4	9.5	3.32	.85	1.00	1.00
67°F (19°C)	1000	470	37.4	11.0	2.24	.56	.69	.82	35.9	10.5	2.54	.57	.70	.84	34.3	10.1	2.90	.58	.72	.85	32.5	9.5	3.32	.59	.74	.88
	1200	565	38.4	11.3	2.25	.59	.73	.87	36.8	10.8	2.55	.60	.75	.89	35.1	10.3	2.89	.61	.77	.92	33.3	9.8	3.31	.62	.79	.94
	1400	660	39.1	11.5	2.25	.61	.77	.92	37.5	11.0	2.55	.62	.79	.94	35.8	10.5	2.90	.63	.81	.96	33.9	9.9	3.30	.65	.83	.98
71°F (22°C)	1000	470	39.9	11.7	2.25	.42	.55	.67	38.3	11.2	2.55	.43	.55	.68	36.6	10.7	2.90	.43	.56	.69	34.7	10.2	3.31	.43	.57	.71
	1200	565	40.8	12.0	2.26	.43	.57	.71	39.2	11.5	2.56	.44	.58	.72	37.4	11.0	2.91	.44	.59	.74	35.5	10.4	3.31	.45	.60	.76
	1400	660	41.5	12.2	2.26	.44	.60	.75	39.8	11.7	2.56	.45	.61	.77	38.0	11.1	2.91	.45	.62	.79	36.0	10.6	3.32	.46	.64	.81

HS32-036 — C23-51 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)			
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	36.9	10.8	2.25	.74	.87	.99	35.4	10.4	2.56	.75	.89	1.00	33.7	9.9	2.92	.76	.91	1.00	31.9	9.3	3.34	.78	.93	1.00
	1200	565	38.1	11.2	2.25	.78	.93	1.00	36.5	10.7	2.56	.79	.95	1.00	34.8	10.2	2.91	.81	.97	1.00	33.0	9.7	3.33	.83	.99	1.00
	1400	660	39.1	11.5	2.25	.82	.98	1.00	37.5	11.0	2.55	.83	.99	1.00	35.8	10.5	2.91	.86	1.00	1.00	34.0	10.0	3.33	.88	1.00	1.00
67°F (19°C)	1000	470	39.3	11.5	2.25	.58	.71	.84	37.7	11.0	2.56	.59	.72	.86	36.0	10.6	2.91	.59	.74	.88	34.1	10.0	3.33	.60	.76	.90
	1200	565	40.4	11.8	2.26	.60	.75	.90	38.7	11.3	2.56	.61	.77	.91	37.0	10.8	2.91	.62	.78	.94	35.0	10.3	3.32	.63	.80	.96
	1400	660	41.2	12.1	2.26	.63	.79	.95	39.5	11.6	2.56	.64	.81	.97	37.6	11.0	2.92	.65	.83	.99	35.6	10.4	3.32	.66	.85	1.00
71°F (22°C)	1000	470	41.9	12.3	2.27	.44	.56	.68	40.3	11.8	2.57	.44	.57	.69	38.4	11.3	2.92	.44	.58	.71	36.5	10.7	3.33	.45	.59	.73
	1200	565	43.0	12.6	2.27	.45	.59	.73	41.3	12.1	2.57	.45	.59	.74	39.4	11.5	2.92	.45	.60	.76	37.3	10.9	3.33	.46	.62	.78
	1400	660	43.8	12.8	2.28	.45	.61	.77	42.0	12.3	2.58	.46	.62	.79	40.0	11.7	2.93	.46	.64	.81	37.9	11.1	3.34	.47	.65	.83

HS32-036 — C26-46 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)			
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	37.3	10.9	2.24	.73	.87	.99	35.8	10.5	2.55	.74	.88	1.00	34.1	10.0	2.91	.76	.90	1.00	32.3	9.5	3.33	.78	.93	1.00
	1200	565	38.5	11.3	2.24	.77	.92	1.00	37.0	10.8	2.55	.79	.94	1.00	35.2	10.3	2.90	.81	.96	1.00	33.4	9.8	3.32	.83	.99	1.00
	1400	660	39.5	11.6	2.25	.82	.98	1.00	38.0	11.1	2.55	.83	.99	1.00	36.3	10.6	2.90	.85	1.00	1.00	34.6	10.1	3.31	.88	1.00	1.00
67°F (19°C)	1000	470	39.7	11.6	2.25	.57	.70	.83	38.1	11.2	2.55	.58	.72	.85	36.4	10.7	2.90	.59	.73	.87	34.5	10.1	3.31	.60	.75	.89
	1200	565	40.8	12.0	2.26	.60	.75	.89	39.1	11.5	2.56	.61	.76	.91	37.3	10.9	2.91	.62	.78	.93	35.3	10.3	3.31	.63	.80	.96
	1400	660	41.6	12.2	2.26	.62	.79	.95	39.9	11.7	2.56	.63	.81	.97	38.0	11.1	2.91	.65	.83	.99	36.0	10.6	3.32	.66	.86	1.00
71°F (22°C)	1000	470	42.4	12.4	2.27	.43	.55	.68	40.7	11.9	2.56	.43	.56	.69	38.8	11.4	2.91	.44	.57	.70	36.8	10.8	3.32	.44	.58	.72
	1200	565	43.4	12.7	2.27	.44	.58	.72	41.7	12.2	2.57	.44	.59	.74	39.7	11.6	2.92	.45	.60	.76	37.6	11.0	3.33	.45	.62	.78
	1400	660	44.2	13.0	2.28	.45	.61	.77	42.3	12.4	2.58	.45	.62	.79	40.3	11.8	2.92	.46	.64	.81	38.2	11.2	3.33	.47	.65	.83

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS32-036 — C33-50C - C23-51/65 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	37.6	11.0	2.24	.73	.87	.99	36.1	10.6	2.54	.74	.88	1.00	34.4	10.1	2.89	.76	.90	1.00	32.5	9.5	3.31	.78	.93	1.00
	1200	565	38.9	11.4	2.24	.77	.92	1.00	37.3	10.9	2.54	.79	.94	1.00	35.5	10.4	2.89	.80	.97	1.00	33.7	9.9	3.30	.83	.99	1.00
	1400	660	39.9	11.7	2.25	.82	.98	1.00	38.3	11.2	2.55	.83	.99	1.00	36.6	10.7	2.89	.85	1.00	1.00	34.8	10.2	3.30	.88	1.00	1.00
67°F (19°C)	1000	470	40.1	11.8	2.25	.57	.70	.83	38.5	11.3	2.55	.58	.71	.85	36.6	10.7	2.90	.59	.73	.87	34.7	10.2	3.30	.60	.75	.89
	1200	565	41.2	12.1	2.26	.60	.75	.89	39.5	11.6	2.56	.61	.76	.91	37.6	11.0	2.90	.62	.78	.93	35.6	10.4	3.31	.63	.80	.96
	1400	660	42.1	12.3	2.26	.63	.79	.95	40.3	11.8	2.56	.64	.81	.97	38.3	11.2	2.91	.65	.83	.99	36.3	10.6	3.31	.66	.86	1.00
71°F (22°C)	1000	470	42.8	12.5	2.26	.43	.55	.68	41.1	12.0	2.56	.43	.56	.69	39.1	11.5	2.91	.44	.57	.71	37.1	10.9	3.32	.44	.58	.72
	1200	565	43.9	12.9	2.27	.44	.58	.72	42.1	12.3	2.57	.44	.59	.74	40.1	11.8	2.92	.45	.60	.76	37.9	11.1	3.32	.45	.62	.78
	1400	660	44.8	13.1	2.28	.45	.61	.77	42.8	12.5	2.57	.45	.62	.79	40.8	12.0	2.92	.46	.64	.81	38.6	11.3	3.33	.47	.65	.83

HS32-036 — C26-51/65 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	37.6	11.0	2.24	.73	.87	.99	36.1	10.6	2.54	.74	.88	1.00	34.4	10.1	2.89	.76	.90	1.00	32.5	9.5	3.31	.78	.93	1.00
	1200	565	38.9	11.4	2.24	.77	.92	1.00	37.3	10.9	2.54	.79	.94	1.00	35.5	10.4	2.89	.80	.97	1.00	33.7	9.9	3.30	.83	.99	1.00
	1400	660	39.9	11.7	2.25	.82	.98	1.00	38.3	11.2	2.55	.83	.99	1.00	36.6	10.7	2.89	.85	1.00	1.00	34.8	10.2	3.30	.88	1.00	1.00
67°F (19°C)	1000	470	40.1	11.8	2.25	.57	.70	.83	38.5	11.3	2.55	.58	.71	.85	36.6	10.7	2.90	.59	.73	.87	34.7	10.2	3.30	.60	.75	.89
	1200	565	41.2	12.1	2.26	.60	.75	.89	39.5	11.6	2.56	.61	.76	.91	37.6	11.0	2.90	.62	.78	.93	35.6	10.4	3.31	.63	.80	.96
	1400	660	42.1	12.3	2.26	.63	.79	.95	40.3	11.8	2.56	.64	.81	.97	38.3	11.2	2.91	.65	.83	.99	36.3	10.6	3.31	.66	.86	1.00
71°F (22°C)	1000	470	42.8	12.5	2.26	.43	.55	.68	41.1	12.0	2.56	.43	.56	.69	39.1	11.5	2.91	.44	.57	.71	37.1	10.9	3.32	.44	.58	.72
	1200	565	43.9	12.9	2.27	.44	.58	.72	42.1	12.3	2.57	.44	.59	.74	40.1	11.8	2.92	.45	.60	.76	37.9	11.1	3.32	.45	.62	.78
	1400	660	44.8	13.1	2.28	.45	.61	.77	42.8	12.5	2.57	.45	.62	.79	40.8	12.0	2.92	.46	.64	.81	38.6	11.3	3.33	.47	.65	.83

HS32-036 — CR26-31 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	34.3	10.1	2.25	.74	.88	.99	32.9	9.6	2.56	.75	.89	1.00	31.5	9.2	2.92	.76	.91	1.00	29.9	8.8	3.34	.78	.93	1.00
	1200	565	35.3	10.3	2.24	.78	.93	1.00	33.9	9.9	2.55	.79	.94	1.00	32.4	9.5	2.91	.81	.97	1.00	30.8	9.0	3.33	.83	.99	1.00
	1400	660	36.2	10.6	2.24	.82	.97	1.00	34.8	10.2	2.55	.83	.99	1.00	33.3	9.8	2.90	.85	1.00	1.00	31.7	9.3	3.32	.88	1.00	1.00
67°F (19°C)	1000	470	36.5	10.7	2.24	.58	.71	.84	35.1	10.3	2.54	.58	.72	.86	33.5	9.8	2.90	.59	.74	.88	31.7	9.3	3.32	.60	.76	.90
	1200	565	37.4	11.0	2.23	.60	.75	.90	35.9	10.5	2.54	.61	.77	.91	34.3	10.1	2.90	.62	.78	.93	32.5	9.5	3.31	.63	.81	.96
	1400	660	38.1	11.2	2.23	.63	.79	.94	36.6	10.7	2.53	.63	.81	.96	34.9	10.2	2.89	.64	.83	.98	33.1	9.7	3.31	.66	.85	1.00
71°F (22°C)	1000	470	38.9	11.4	2.24	.43	.56	.69	37.4	11.0	2.54	.44	.57	.70	35.8	10.5	2.88	.44	.57	.71	34.0	10.0	3.30	.44	.59	.73
	1200	565	39.8	11.7	2.24	.44	.59	.73	38.2	11.2	2.54	.45	.59	.74	36.5	10.7	2.89	.45	.60	.76	34.7	10.2	3.30	.45	.62	.78
	1400	660	40.4	11.8	2.24	.45	.61	.77	38.9	11.4	2.54	.46	.62	.79	37.1	10.9	2.89	.46	.63	.81	35.2	10.3	3.30	.47	.65	.83

HS32-036 — CR26-41 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	36.5	10.7	2.26	.74	.87	.99	35.0	10.3	2.57	.75	.89	1.00	33.4	9.8	2.93	.76	.91	1.00	31.6	9.3	3.35	.78	.93	1.00
	1200	565	37.6	11.0	2.25	.77	.92	1.00	36.1	10.6	2.56	.79	.94	1.00	34.4	10.1	2.92	.81	.97	1.00	32.7	9.6	3.34	.83	.99	1.00
	1400	660	38.6	11.3	2.25	.82	.97	1.00	37.0	10.8	2.55	.83	.99	1.00	35.4	10.4	2.91	.85	1.00	1.00	33.7	9.9	3.33	.88	1.00	1.00
67°F (19°C)	1000	470	38.8	11.4	2.25	.58	.71	.84	37.3	10.9	2.55	.58	.72	.85	35.6	10.4	2.91	.59	.74	.87	33.7	9.9	3.33	.60	.75	.90
	1200	565	39.8	11.7	2.26	.60	.75	.90	38.2	11.2	2.56	.61	.77	.91	36.5	10.7	2.90	.62	.78	.93	34.5	10.1	3.32	.63	.81	.96
	1400	660	40.5	11.9	2.26	.62	.80	.94	38.9	11.4	2.56	.63	.81	.96	37.1	10.9	2.91	.65	.83	.98	35.2	10.3	3.32	.66	.85	1.00
71°F (22°C)	1000	470	41.4	12.1	2.26	.43	.56	.68	39.7	11.6	2.56	.44	.57	.70	38.0	11.1	2.92	.44	.57	.71	36.0	10.6	3.33	.44	.59	.73
	1200	565	42.4	12.4	2.27	.44	.58	.73	40.7	11.9	2.57	.44	.59	.74	38.8	11.4	2.92	.45	.61	.76	36.8	10.8	3.33	.46	.62	.78
	1400	660	43.1	12.6	2.27	.45	.61	.77	41.4	12.1	2.57	.45	.62	.79	39.4	11.5	2.92	.46	.64	.81	37.4	11.0	3.33	.47	.65	.83

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS32-036 — CR26-51 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	36.4	10.7	2.25	.73	.87	.99	34.9	10.2	2.56	.74	.88	1.00	33.3	9.8	2.92	.76	.90	1.00	31.5	9.2	3.34	.77	.93	1.00
	1200	565	37.6	11.0	2.25	.77	.92	1.00	36.0	10.6	2.56	.78	.94	1.00	34.4	10.1	2.91	.80	.96	1.00	32.6	9.6	3.33	.82	.98	1.00
	1400	660	38.5	11.3	2.25	.81	.97	1.00	37.0	10.8	2.55	.82	.98	1.00	35.3	10.3	2.91	.84	1.00	1.00	33.5	9.8	3.33	.87	1.00	1.00
67°F (19°C)	1000	470	38.9	11.4	2.26	.58	.70	.83	37.3	10.9	2.56	.58	.71	.85	35.6	10.4	2.90	.59	.73	.87	33.7	9.9	3.32	.60	.75	.89
	1200	565	39.9	11.7	2.26	.60	.74	.88	38.3	11.2	2.56	.60	.76	.90	36.5	10.7	2.91	.61	.77	.93	34.6	10.1	3.32	.63	.80	.95
	1400	660	40.7	11.9	2.26	.62	.78	.93	39.0	11.4	2.56	.63	.80	.95	37.2	10.9	2.92	.64	.82	.98	35.2	10.3	3.33	.65	.84	1.00
71°F (22°C)	1000	470	41.5	12.2	2.27	.44	.56	.68	39.8	11.7	2.57	.44	.56	.69	38.0	11.1	2.92	.44	.57	.70	36.1	10.6	3.33	.44	.58	.72
	1200	565	42.6	12.5	2.27	.44	.58	.72	40.8	12.0	2.57	.45	.59	.73	38.9	11.4	2.92	.45	.60	.75	36.9	10.8	3.34	.45	.61	.77
	1400	660	43.3	12.7	2.28	.45	.61	.76	41.6	12.2	2.58	.45	.61	.78	39.6	11.6	2.93	.46	.63	.80	37.5	11.0	3.34	.47	.64	.82

HS32-036 — CH33-36A/B/C-F - CH23-31 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	34.8	10.2	2.25	.73	.87	.98	33.5	9.8	2.56	.74	.88	.99	32.0	9.4	2.92	.75	.90	1.00	30.4	8.9	3.34	.77	.92	1.00
	1200	565	35.9	10.5	2.25	.77	.92	1.00	34.5	10.1	2.56	.78	.93	1.00	33.0	9.7	2.91	.80	.95	1.00	31.3	9.2	3.33	.82	.97	1.00
	1400	660	36.8	10.8	2.24	.81	.96	1.00	35.4	10.4	2.55	.82	.98	1.00	33.9	9.9	2.91	.84	.99	1.00	32.3	9.5	3.32	.87	1.00	1.00
67°F (19°C)	1000	470	37.0	10.8	2.24	.57	.70	.83	35.6	10.4	2.55	.58	.72	.85	34.0	10.0	2.91	.59	.73	.87	32.2	9.4	3.32	.60	.75	.89
	1200	565	37.9	11.1	2.24	.59	.75	.89	36.4	10.7	2.54	.60	.76	.91	34.8	10.2	2.90	.61	.78	.92	33.0	9.7	3.32	.63	.80	.95
	1400	660	38.7	11.3	2.23	.62	.79	.93	37.1	10.9	2.54	.63	.80	.95	35.4	10.4	2.90	.64	.82	.97	33.6	9.8	3.31	.66	.84	.99
71°F (22°C)	1000	470	39.5	11.6	2.23	.43	.55	.68	37.9	11.1	2.54	.43	.56	.69	36.3	10.6	2.89	.43	.57	.70	34.5	10.1	3.31	.44	.58	.72
	1200	565	40.3	11.8	2.24	.44	.58	.72	38.8	11.4	2.53	.44	.59	.74	37.1	10.9	2.88	.44	.60	.75	35.2	10.3	3.30	.45	.61	.78
	1400	660	41.0	12.0	2.24	.45	.61	.77	39.4	11.5	2.54	.45	.62	.78	37.7	11.0	2.88	.45	.63	.80	35.7	10.5	3.30	.46	.65	.82

HS32-036 — CH23-41 - CH33-48C-F COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	36.4	10.7	2.26	.73	.87	.98	34.9	10.2	2.57	.74	.89	1.00	33.3	9.8	2.93	.76	.91	1.00	31.6	9.3	3.35	.78	.93	1.00
	1200	565	37.6	11.0	2.25	.77	.92	1.00	36.1	10.6	2.56	.79	.94	1.00	34.5	10.1	2.92	.81	.96	1.00	32.7	9.6	3.34	.83	.99	1.00
	1400	660	38.6	11.3	2.25	.82	.97	1.00	37.1	10.9	2.55	.83	.99	1.00	35.5	10.4	2.91	.85	1.00	1.00	33.8	9.9	3.33	.88	1.00	1.00
67°F (19°C)	1000	470	38.7	11.3	2.25	.57	.71	.83	37.2	10.9	2.56	.58	.72	.85	35.5	10.4	2.91	.59	.73	.87	33.6	9.8	3.33	.60	.75	.89
	1200	565	39.7	11.6	2.26	.60	.75	.89	38.1	11.2	2.56	.61	.77	.91	36.4	10.7	2.90	.62	.78	.93	34.5	10.1	3.32	.63	.80	.96
	1400	660	40.5	11.9	2.26	.62	.80	.94	38.9	11.4	2.56	.63	.81	.96	37.1	10.9	2.91	.65	.83	.98	35.1	10.3	3.32	.66	.85	1.00
71°F (22°C)	1000	470	41.3	12.1	2.26	.43	.56	.68	39.6	11.6	2.56	.44	.56	.69	37.9	11.1	2.92	.44	.57	.71	35.9	10.5	3.32	.44	.58	.73
	1200	565	42.3	12.4	2.27	.44	.58	.73	40.5	11.9	2.57	.44	.59	.74	38.7	11.3	2.92	.45	.60	.76	36.7	10.8	3.33	.45	.62	.78
	1400	660	43.0	12.6	2.27	.45	.61	.77	41.2	12.1	2.57	.46	.62	.79	39.3	11.5	2.92	.46	.64	.81	37.3	10.9	3.33	.46	.65	.83

HS32-036 — CH33-50C-F - CH23-51 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	37.0	10.8	2.26	.73	.87	.99	35.5	10.4	2.57	.75	.89	1.00	33.8	9.9	2.93	.76	.91	1.00	32.1	9.4	3.35	.78	.93	1.00
	1200	565	38.2	11.2	2.25	.78	.93	1.00	36.7	10.8	2.56	.79	.94	1.00	35.0	10.3	2.92	.81	.97	1.00	33.2	9.7	3.34	.83	.99	1.00
	1400	660	39.2	11.5	2.26	.82	.98	1.00	37.7	11.0	2.56	.83	.99	1.00	36.0	10.6	2.91	.86	1.00	1.00	34.3	10.1	3.33	.88	1.00	1.00
67°F (19°C)	1000	470	39.4	11.5	2.26	.57	.71	.84	37.8	11.1	2.56	.58	.72	.85	36.1	10.6	2.91	.59	.73	.87	34.2	10.0	3.33	.60	.75	.90
	1200	565	40.4	11.8	2.26	.60	.75	.90	38.8	11.4	2.56	.61	.77	.91	37.0	10.8	2.91	.62	.78	.94	35.0	10.3	3.33	.63	.81	.96
	1400	660	41.2	12.1	2.27	.62	.80	.95	39.5	11.6	2.57	.64	.81	.97	37.7	11.0	2.92	.65	.83	.99	35.7	10.5	3.33	.66	.86	1.00
71°F (22°C)	1000	470	42.0	12.3	2.27	.43	.56	.68	40.3	11.8	2.57	.43	.56	.69	38.5	11.3	2.92	.44	.57	.71	36.5	10.7	3.33	.44	.59	.73
	1200	565	43.0	12.6	2.28	.44	.58	.73	41.2	12.1	2.58	.44	.60	.74	39.4	11.5	2.93	.45	.60	.76	37.3	10.9	3.34	.45	.62	.78
	1400	660	43.8	12.8	2.28	.45	.61	.77	42.0	12.3	2.58	.46	.62	.79	40.0	11.7	2.94	.46	.64	.81	37.9	11.1	3.34	.47	.65	.84

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS32-036 — CB29M-31 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	33.0	9.7	2.25	.75	.89	1.00	31.7	9.3	2.55	.76	.91	1.00	30.3	8.9	2.91	.77	.93	1.00	28.8	8.4	3.33	.79	.95	1.00
	1100	520	33.5	9.8	2.24	.77	.92	1.00	32.2	9.4	2.55	.78	.93	1.00	30.8	9.0	2.91	.80	.95	1.00	29.3	8.6	3.32	.82	.97	1.00
	1200	565	33.9	9.9	2.24	.79	.94	1.00	32.6	9.6	2.55	.80	.96	1.00	31.2	9.1	2.90	.82	.98	1.00	29.7	8.7	3.32	.84	1.00	1.00
67°F (19°C)	1000	470	35.1	10.3	2.23	.59	.72	.86	33.7	9.9	2.54	.59	.74	.87	32.2	9.4	2.89	.60	.75	.89	30.6	9.0	3.31	.61	.77	.91
	1100	520	35.5	10.4	2.23	.60	.74	.88	34.1	10.0	2.54	.61	.76	.90	32.6	9.6	2.89	.62	.77	.92	30.9	9.1	3.31	.63	.79	.94
	1200	565	35.9	10.5	2.23	.61	.77	.91	34.5	10.1	2.53	.62	.78	.93	32.9	9.6	2.89	.63	.80	.95	31.3	9.2	3.30	.64	.82	.97
71°F (22°C)	1000	470	37.3	10.9	2.22	.44	.57	.70	35.9	10.5	2.53	.44	.58	.71	34.4	10.1	2.88	.45	.58	.73	32.7	9.6	3.29	.45	.59	.74
	1100	520	37.8	11.1	2.22	.44	.58	.72	36.3	10.6	2.52	.45	.59	.73	34.8	10.2	2.88	.45	.60	.75	33.0	9.7	3.29	.45	.61	.77
	1200	565	38.2	11.2	2.22	.45	.60	.74	36.7	10.8	2.52	.45	.60	.76	35.1	10.3	2.87	.46	.62	.77	33.3	9.8	3.29	.46	.63	.80

HS32-036 — CB29M-41 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	35.7	10.5	2.23	.70	.84	.97	34.3	10.1	2.53	.71	.86	.99	32.7	9.6	2.88	.72	.88	1.00	31.0	9.1	3.29	.74	.91	1.00
	1200	565	36.7	10.8	2.24	.74	.90	1.00	35.3	10.3	2.54	.75	.92	1.00	33.7	9.9	2.89	.77	.94	1.00	32.0	9.4	3.29	.79	.97	1.00
	1400	660	37.6	11.0	2.24	.78	.95	1.00	36.1	10.6	2.54	.80	.97	1.00	34.6	10.1	2.88	.82	.99	1.00	32.9	9.6	3.29	.85	1.00	1.00
67°F (19°C)	1000	470	37.9	11.1	2.24	.55	.67	.81	36.3	10.6	2.54	.55	.68	.83	34.7	10.2	2.89	.56	.70	.85	32.8	9.6	3.29	.57	.72	.87
	1200	565	38.8	11.4	2.24	.57	.72	.87	37.2	10.9	2.54	.58	.73	.89	35.4	10.4	2.89	.59	.75	.92	33.5	9.8	3.30	.60	.77	.94
	1400	660	39.5	11.6	2.25	.59	.76	.92	37.8	11.1	2.55	.60	.78	.94	36.0	10.6	2.90	.61	.80	.97	34.1	10.0	3.30	.63	.83	.99
71°F (22°C)	1000	470	40.3	11.8	2.25	.41	.53	.65	38.7	11.3	2.55	.41	.54	.66	36.9	10.8	2.90	.41	.55	.68	34.9	10.2	3.31	.42	.56	.70
	1200	565	41.2	12.1	2.25	.42	.55	.69	39.5	11.6	2.55	.42	.56	.71	37.6	11.0	2.90	.42	.57	.73	35.6	10.4	3.31	.43	.59	.75
	1400	660	41.9	12.3	2.26	.43	.58	.73	40.1	11.8	2.56	.43	.59	.75	38.2	11.2	2.91	.43	.60	.78	36.1	10.6	3.31	.44	.62	.81

HS32-036 — CB29M-46 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	36.5	10.7	2.25	.73	.87	.99	35.0	10.3	2.56	.75	.89	1.00	33.4	9.8	2.92	.76	.91	1.00	31.7	9.3	3.34	.78	.93	1.00
	1200	565	37.7	11.0	2.24	.78	.93	1.00	36.2	10.6	2.55	.79	.94	1.00	34.5	10.1	2.91	.81	.96	1.00	32.7	9.6	3.33	.83	.99	1.00
	1400	660	38.7	11.3	2.25	.82	.97	1.00	37.1	10.9	2.55	.83	.99	1.00	35.5	10.4	2.90	.85	1.00	1.00	33.7	9.9	3.32	.88	1.00	1.00
67°F (19°C)	1000	470	38.9	11.4	2.25	.58	.71	.84	37.3	10.9	2.55	.58	.72	.85	35.6	10.4	2.90	.59	.74	.87	33.7	9.9	3.32	.60	.75	.90
	1200	565	39.9	11.7	2.26	.60	.75	.90	38.3	11.2	2.55	.61	.77	.91	36.5	10.7	2.90	.62	.78	.93	34.6	10.1	3.31	.63	.80	.96
	1400	660	40.7	11.9	2.26	.62	.79	.94	39.0	11.4	2.56	.63	.81	.97	37.2	10.9	2.91	.65	.83	.98	35.2	10.3	3.32	.66	.85	1.00
71°F (22°C)	1000	470	41.5	12.2	2.26	.43	.56	.68	39.8	11.7	2.56	.44	.57	.69	38.0	11.1	2.92	.44	.57	.71	36.1	10.6	3.32	.44	.58	.73
	1200	565	42.5	12.5	2.27	.44	.58	.73	40.8	12.0	2.57	.45	.59	.74	38.9	11.4	2.92	.45	.60	.76	36.9	10.8	3.33	.45	.62	.78
	1400	660	43.2	12.7	2.27	.45	.61	.77	41.5	12.2	2.57	.46	.62	.79	39.5	11.6	2.92	.46	.64	.81	37.4	11.0	3.34	.47	.65	.83

HS32-036 — CB30M-31 - CB30U-31 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	35.7	10.5	2.25	.71	.85	.97	34.2	10.0	2.56	.72	.86	.98	32.6	9.6	2.92	.74	.89	1.00	30.9	9.1	3.34	.76	.91	1.00
	1200	565	36.8	10.8	2.25	.75	.90	1.00	35.3	10.3	2.55	.77	.92	1.00	33.7	9.9	2.91	.78	.94	1.00	31.9	9.3	3.33	.81	.97	1.00
	1400	660	37.8	11.1	2.25	.79	.95	1.00	36.3	10.6	2.55	.81	.97	1.00	34.6	10.1	2.90	.83	.98	1.00	32.9	9.6	3.32	.85	1.00	1.00
67°F (19°C)	1000	470	38.0	11.1	2.25	.56	.69	.81	36.5	10.7	2.55	.56	.70	.83	34.8	10.2	2.90	.57	.71	.85	33.0	9.7	3.32	.58	.73	.87
	1200	565	39.0	11.4	2.26	.58	.73	.87	37.4	11.0	2.55	.59	.74	.89	35.7	10.5	2.90	.60	.76	.91	33.8	9.9	3.31	.61	.78	.93
	1400	660	39.7	11.6	2.26	.61	.77	.92	38.1	11.2	2.56	.61	.79	.94	36.3	10.6	2.91	.63	.81	.96	34.4	10.1	3.32	.64	.83	.98
71°F (22°C)	1000	470	40.5	11.9	2.26	.42	.54	.66	38.9	11.4	2.57	.42	.55	.67	37.1	10.9	2.92	.43	.56	.69	35.3	10.3	3.32	.43	.57	.70
	1200	565	41.5	12.2	2.27	.43	.57	.70	39.8	11.7	2.57	.43	.57	.72	38.0	11.1	2.92	.44	.59	.73	36.0	10.6	3.33	.44	.60	.75
	1400	660	42.2	12.4	2.27	.44	.59	.74	40.5	11.9	2.57	.44	.60	.76	38.6	11.3	2.92	.45	.62	.78	36.6	10.7	3.34	.45	.63	.81

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS32-036 — CB30M-41 - CB30U-41/46 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)			
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	36.8	10.8	2.25	.74	.88	1.00	35.3	10.3	2.56	.75	.90	1.00	33.6	9.8	2.92	.77	.92	1.00	31.8	9.3	3.34	.79	.94	1.00
	1200	565	38.0	11.1	2.25	.78	.93	1.00	36.4	10.7	2.55	.80	.95	1.00	34.7	10.2	2.91	.81	.98	1.00	32.9	9.6	3.33	.84	1.00	1.00
	1400	660	38.9	11.4	2.25	.82	.98	1.00	37.4	11.0	2.55	.84	1.00	1.00	35.7	10.5	2.90	.86	1.00	1.00	34.0	10.0	3.32	.89	1.00	1.00
67°F (19°C)	1000	470	39.2	11.5	2.26	.58	.71	.84	37.6	11.0	2.56	.59	.73	.86	35.9	10.5	2.90	.60	.74	.88	34.0	10.0	3.32	.61	.76	.90
	1200	565	40.2	11.8	2.26	.61	.76	.90	38.6	11.3	2.56	.61	.77	.92	36.8	10.8	2.91	.62	.79	.94	34.8	10.2	3.32	.64	.81	.97
	1400	660	41.0	12.0	2.26	.63	.80	.95	39.3	11.5	2.57	.64	.82	.97	37.5	11.0	2.92	.66	.84	1.00	35.5	10.4	3.32	.67	.86	1.00
71°F (22°C)	1000	470	41.8	12.3	2.27	.44	.56	.69	40.1	11.8	2.57	.44	.57	.70	38.3	11.2	2.92	.44	.58	.72	36.3	10.6	3.33	.45	.59	.73
	1200	565	42.8	12.5	2.27	.45	.59	.73	41.1	12.0	2.57	.45	.60	.75	39.2	11.5	2.92	.45	.61	.77	37.1	10.9	3.34	.46	.62	.79
	1400	660	43.6	12.8	2.28	.46	.62	.78	41.8	12.3	2.58	.46	.63	.80	39.8	11.7	2.93	.47	.64	.82	37.7	11.0	3.34	.47	.66	.84

HS32-036 — CB31MV-41 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)			
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	36.7	10.8	2.25	.74	.88	1.00	35.2	10.3	2.56	.75	.89	1.00	33.6	9.8	2.92	.76	.91	1.00	31.8	9.3	3.34	.78	.93	1.00
	1200	565	37.9	11.1	2.25	.78	.93	1.00	36.4	10.7	2.55	.79	.95	1.00	34.7	10.2	2.91	.81	.97	1.00	32.9	9.6	3.33	.84	.99	1.00
	1400	660	38.9	11.4	2.25	.82	.98	1.00	37.3	10.9	2.55	.84	1.00	1.00	35.7	10.5	2.90	.86	1.00	1.00	33.9	9.9	3.32	.88	1.00	1.00
67°F (19°C)	1000	470	39.1	11.5	2.26	.58	.71	.84	37.5	11.0	2.56	.59	.72	.86	35.8	10.5	2.90	.59	.74	.87	33.9	9.9	3.32	.60	.76	.90
	1200	565	40.2	11.8	2.26	.60	.75	.90	38.5	11.3	2.56	.61	.77	.91	36.7	10.8	2.91	.62	.79	.94	34.8	10.2	3.32	.63	.81	.96
	1400	660	41.0	12.0	2.26	.63	.80	.95	39.2	11.5	2.57	.64	.82	.97	37.4	11.0	2.92	.65	.83	.99	35.4	10.4	3.32	.67	.86	1.00
71°F (22°C)	1000	470	41.7	12.2	2.27	.44	.56	.68	40.0	11.7	2.57	.44	.57	.70	38.2	11.2	2.92	.44	.58	.71	36.3	10.6	3.33	.44	.59	.73
	1200	565	42.8	12.5	2.27	.44	.59	.73	41.0	12.0	2.57	.45	.60	.75	39.1	11.5	2.92	.45	.61	.76	37.0	10.8	3.34	.46	.62	.78
	1400	660	43.6	12.8	2.28	.45	.61	.77	41.7	12.2	2.58	.46	.63	.79	39.7	11.6	2.93	.46	.64	.81	37.6	11.0	3.34	.47	.66	.84

HS32-036 — CB30M-46 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)			
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	36.9	10.8	2.25	.74	.88	1.00	35.4	10.4	2.56	.75	.90	1.00	33.8	9.9	2.92	.77	.91	1.00	32.0	9.4	3.34	.79	.94	1.00
	1200	565	38.1	11.2	2.25	.78	.94	1.00	36.6	10.7	2.55	.80	.95	1.00	34.9	10.2	2.91	.82	.97	1.00	33.1	9.7	3.33	.84	1.00	1.00
	1400	660	39.1	11.5	2.25	.82	.98	1.00	37.5	11.0	2.55	.84	1.00	1.00	35.9	10.5	2.90	.86	1.00	1.00	34.1	10.0	3.32	.88	1.00	1.00
67°F (19°C)	1000	470	39.4	11.5	2.26	.58	.71	.85	37.7	11.0	2.56	.59	.73	.86	36.0	10.6	2.90	.60	.74	.88	34.1	10.0	3.32	.61	.76	.90
	1200	565	40.4	11.8	2.26	.61	.76	.90	38.8	11.4	2.56	.61	.77	.92	37.0	10.8	2.91	.62	.79	.95	35.0	10.3	3.32	.64	.81	.97
	1400	660	41.2	12.1	2.26	.63	.80	.95	39.5	11.6	2.57	.64	.82	.97	37.6	11.0	2.92	.65	.84	1.00	35.6	10.4	3.32	.67	.86	1.00
71°F (22°C)	1000	470	42.0	12.3	2.27	.44	.56	.69	40.3	11.8	2.57	.44	.57	.70	38.5	11.3	2.92	.44	.58	.71	36.5	10.7	3.33	.45	.59	.73
	1200	565	43.0	12.6	2.27	.45	.59	.73	41.3	12.1	2.57	.45	.60	.75	39.4	11.5	2.92	.45	.61	.77	37.3	10.9	3.34	.46	.62	.79
	1400	660	43.8	12.8	2.28	.46	.62	.78	42.0	12.3	2.58	.46	.63	.80	40.0	11.7	2.93	.47	.64	.81	37.9	11.1	3.34	.47	.66	.84

HS32-042 — C23-41 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)			
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1200	565	37.9	11.1	2.67	.72	.86	.97	36.4	10.7	3.04	.74	.88	.98	34.8	10.2	3.47	.75	.90	.99	33.1	9.7	3.96	.77	.92	1.00
	1400	660	38.8	11.4	2.68	.76	.90	1.00	37.3	10.9	3.05	.77	.92	1.00	35.6	10.4	3.48	.79	.94	1.00	33.9	9.9	3.97	.81	.96	1.00
	1600	755	39.6	11.6	2.68	.79	.94	1.00	38.0	11.1	3.06	.81	.96	1.00	36.4	10.7	3.49	.83	.97	1.00	34.6	10.1	3.99	.85	.99	1.00
67°F (19°C)	1200	565	40.2	11.8	2.68	.57	.70	.83	38.6	11.3	3.06	.58	.71	.85	36.8	10.8	3.48	.58	.73	.87	35.0	10.3	3.98	.59	.75	.89
	1400	660	41.0	12.0	2.69	.59	.73	.88	39.3	11.5	3.06	.60	.75	.89	37.5	11.0	3.49	.61	.77	.91	35.6	10.4	3.99	.62	.79	.94
	1600	755	41.6	12.2	2.69	.61	.77	.92	39.9	11.7	3.07	.62	.78	.93	38.0	11.1	3.50	.63	.81	.95	36.1	10.6	3.99	.64	.83	.97
71°F (22°C)	1200	565	42.7	12.5	2.70	.43	.55	.68	41.0	12.0	3.08	.43	.56	.69	39.1	11.5	3.51	.43	.57	.71	37.2	10.9	4.00	.44	.58	.72
	1400	660	43.5	12.7	2.71	.43	.57	.71	41.7	12.2	3.08	.44	.58	.73	39.8	11.7	3.51	.44	.59	.75	37.8	11.1	4.01	.44	.61	.77
	1600	755	44.1	12.9	2.71	.44	.59	.75	42.3	12.4	3.09	.44	.61	.76	40.3	11.8	3.52	.45	.62	.79	38.3	11.2	4.02	.45	.63	.81

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS32-042 — C33-42B - C23-46 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1200	565	39.4	11.5	2.68	.73	.87	.98	37.8	11.1	3.05	.74	.88	1.00	36.1	10.6	3.48	.76	.90	1.00	34.3	10.1	3.98	.77	.93	1.00
	1400	660	40.4	11.8	2.69	.76	.91	1.00	38.7	11.3	3.06	.77	.93	1.00	36.9	10.8	3.49	.80	.95	1.00	35.1	10.3	3.99	.82	.97	1.00
	1600	755	41.2	12.1	2.70	.80	.95	1.00	39.5	11.6	3.07	.81	.96	1.00	37.7	11.0	3.50	.83	.98	1.00	35.9	10.5	3.99	.85	1.00	1.00
67°F (19°C)	1200	565	41.9	12.3	2.70	.57	.70	.83	40.1	11.8	3.07	.58	.72	.85	38.3	11.2	3.50	.59	.73	.87	36.3	10.6	4.00	.60	.75	.89
	1400	660	42.7	12.5	2.70	.59	.74	.88	40.9	12.0	3.08	.60	.75	.90	39.0	11.4	3.51	.61	.77	.92	37.0	10.8	4.01	.62	.79	.94
	1600	755	43.4	12.7	2.71	.61	.77	.92	41.5	12.2	3.08	.62	.79	.94	39.6	11.6	3.52	.63	.81	.96	37.5	11.0	4.02	.64	.83	.98
71°F (22°C)	1200	565	44.5	13.0	2.72	.43	.55	.68	42.7	12.5	3.09	.43	.56	.69	40.7	11.9	3.52	.43	.57	.71	38.7	11.3	4.02	.44	.58	.73
	1400	660	45.4	13.3	2.72	.44	.57	.71	43.5	12.7	3.10	.44	.59	.73	41.5	12.2	3.53	.44	.59	.75	39.3	11.5	4.04	.45	.61	.77
	1600	755	46.0	13.5	2.73	.44	.60	.75	44.1	12.9	3.10	.45	.61	.77	42.0	12.3	3.54	.45	.62	.79	39.8	11.7	4.04	.46	.64	.81

HS32-042 — C26-41 - C33-44C COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1200	565	40.4	11.8	2.67	.73	.86	.98	38.7	11.3	3.04	.74	.88	.99	36.9	10.8	3.46	.76	.90	1.00	35.0	10.3	3.95	.78	.93	1.00
	1400	660	41.4	12.1	2.68	.76	.91	1.00	39.7	11.6	3.05	.78	.93	1.00	37.8	11.1	3.47	.80	.95	1.00	35.9	10.5	3.97	.82	.97	1.00
	1600	755	42.4	12.4	2.68	.80	.95	1.00	40.6	11.9	3.05	.82	.97	1.00	38.7	11.3	3.48	.84	.99	1.00	36.9	10.8	3.97	.86	1.00	1.00
67°F (19°C)	1200	565	42.8	12.5	2.69	.57	.71	.83	41.0	12.0	3.06	.58	.72	.85	39.0	11.4	3.49	.59	.73	.87	37.0	10.8	3.98	.60	.75	.90
	1400	660	43.7	12.8	2.70	.59	.74	.88	41.8	12.3	3.07	.60	.76	.90	39.8	11.7	3.49	.61	.78	.93	37.7	11.0	3.99	.63	.80	.95
	1600	755	44.5	13.0	2.70	.61	.78	.92	42.5	12.5	3.07	.62	.80	.94	40.5	11.9	3.50	.64	.82	.97	38.3	11.2	4.00	.65	.84	.99
71°F (22°C)	1200	565	45.6	13.4	2.71	.43	.55	.68	43.6	12.8	3.09	.43	.56	.69	41.5	12.2	3.51	.43	.57	.71	39.3	11.5	4.01	.44	.58	.73
	1400	660	46.5	13.6	2.72	.43	.58	.72	44.5	13.0	3.09	.44	.59	.73	42.3	12.4	3.52	.44	.60	.75	40.0	11.7	4.02	.45	.61	.78
	1600	755	47.2	13.8	2.73	.44	.60	.76	45.1	13.2	3.10	.45	.61	.77	42.9	12.6	3.53	.45	.62	.80	40.5	11.9	4.03	.46	.64	.82

HS32-042 — C33-50C - C23-51 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1200	565	42.2	12.4	2.68	.73	.87	.98	40.4	11.8	3.05	.74	.89	1.00	38.5	11.3	3.48	.76	.91	1.00	36.5	10.7	3.97	.78	.93	1.00
	1400	660	43.3	12.7	2.69	.76	.91	1.00	41.4	12.1	3.06	.78	.93	1.00	39.5	11.6	3.48	.80	.95	1.00	37.5	11.0	3.97	.82	.97	1.00
	1600	755	44.2	13.0	2.69	.80	.95	1.00	42.3	12.4	3.06	.81	.97	1.00	40.4	11.8	3.49	.84	.99	1.00	38.4	11.3	3.99	.86	1.00	1.00
67°F (19°C)	1200	565	44.9	13.2	2.70	.57	.70	.84	42.9	12.6	3.07	.58	.72	.85	40.9	12.0	3.50	.59	.73	.87	38.7	11.3	3.99	.60	.75	.90
	1400	660	45.8	13.4	2.71	.59	.74	.88	43.8	12.8	3.08	.60	.76	.90	41.7	12.2	3.51	.61	.77	.92	39.5	11.6	4.00	.62	.80	.95
	1600	755	46.6	13.7	2.71	.61	.77	.92	44.6	13.1	3.08	.62	.79	.94	42.4	12.4	3.51	.63	.81	.97	40.1	11.8	4.01	.65	.84	.99
71°F (22°C)	1200	565	47.8	14.0	2.72	.43	.56	.68	45.7	13.4	3.10	.43	.56	.69	43.6	12.8	3.53	.43	.57	.71	41.3	12.1	4.02	.44	.58	.73
	1400	660	48.8	14.3	2.73	.44	.58	.71	46.6	13.7	3.10	.44	.59	.73	44.4	13.0	3.53	.45	.60	.75	42.0	12.3	4.03	.45	.61	.77
	1600	755	49.5	14.5	2.74	.45	.60	.75	47.3	13.9	3.11	.45	.61	.77	45.0	13.2	3.54	.45	.62	.79	42.5	12.5	4.04	.46	.64	.82

HS32-042 — C26-46 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1200	565	40.9	12.0	2.68	.73	.86	.98	39.1	11.5	3.05	.74	.88	.99	37.3	10.9	3.47	.76	.90	1.00	35.3	10.3	3.96	.77	.93	1.00
	1400	660	42.0	12.3	2.69	.76	.91	1.00	40.2	11.8	3.06	.78	.93	1.00	38.3	11.2	3.49	.80	.95	1.00	36.3	10.6	3.98	.82	.97	1.00
	1600	755	42.9	12.6	2.70	.80	.95	1.00	41.1	12.0	3.07	.81	.97	1.00	39.2	11.5	3.49	.84	.99	1.00	37.3	10.9	3.99	.86	1.00	1.00
67°F (19°C)	1200	565	43.4	12.7	2.70	.57	.70	.83	41.5	12.2	3.07	.58	.72	.85	39.5	11.6	3.50	.58	.73	.87	37.4	11.0	4.00	.60	.75	.90
	1400	660	44.4	13.0	2.71	.59	.74	.88	42.4	12.4	3.08	.60	.75	.90	40.3	11.8	3.51	.61	.77	.92	38.1	11.2	4.01	.62	.80	.95
	1600	755	45.2	13.2	2.71	.61	.78	.93	43.1	12.6	3.09	.62	.80	.94	41.0	12.0	3.52	.64	.81	.97	38.7	11.3	4.02	.65	.84	.99
71°F (22°C)	1200	565	46.3	13.6	2.73	.43	.55	.68	44.2	13.0	3.10	.43	.56	.69	42.1	12.3	3.53	.43	.57	.71	39.9	11.7	4.02	.44	.58	.72
	1400	660	47.2	13.8	2.73	.43	.57	.72	45.1	13.2	3.11	.44	.59	.73	42.9	12.6	3.54	.44	.60	.75	40.5	11.9	4.04	.45	.61	.77
	1600	755	47.9	14.0	2.74	.44	.60	.75	45.8	13.4	3.12	.45	.61	.77	43.4	12.7	3.55	.45	.62	.79	41.0	12.0	4.04	.46	.64	.82

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS32-042 — C23-51/65 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)			
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1200	565	42.1	12.3	2.68	.74	.88	1.00	40.3	11.8	3.05	.75	.89	1.00	38.3	11.2	3.47	.77	.92	1.00	36.3	10.6	3.97	.79	.94	1.00
	1400	660	43.2	12.7	2.69	.77	.92	1.00	41.3	12.1	3.06	.79	.94	1.00	39.3	11.5	3.49	.81	.97	1.00	37.2	10.9	3.98	.83	.99	1.00
	1600	755	44.2	13.0	2.70	.81	.97	1.00	42.3	12.4	3.07	.83	.99	1.00	40.2	11.8	3.50	.85	1.00	1.00	38.2	11.2	3.99	.87	1.00	1.00
67°F (19°C)	1200	565	44.8	13.1	2.70	.58	.71	.84	42.9	12.6	3.07	.59	.73	.86	40.8	12.0	3.50	.60	.74	.88	38.5	11.3	4.00	.61	.76	.91
	1400	660	45.9	13.5	2.71	.60	.75	.89	43.8	12.8	3.09	.61	.76	.91	41.6	12.2	3.52	.62	.78	.94	39.3	11.5	4.01	.63	.80	.96
	1600	755	46.7	13.7	2.72	.62	.78	.94	44.6	13.1	3.09	.63	.80	.96	42.3	12.4	3.52	.64	.82	.98	39.9	11.7	4.02	.66	.85	1.00
71°F (22°C)	1200	565	47.8	14.0	2.73	.44	.56	.69	45.7	13.4	3.10	.44	.57	.70	43.5	12.7	3.53	.44	.58	.72	41.1	12.0	4.03	.44	.59	.74
	1400	660	48.9	14.3	2.74	.44	.58	.72	46.7	13.7	3.11	.45	.59	.74	44.3	13.0	3.55	.45	.61	.76	41.9	12.3	4.05	.46	.62	.78
	1600	755	49.7	14.6	2.74	.45	.61	.76	47.4	13.9	3.12	.46	.62	.78	45.0	13.2	3.55	.46	.63	.80	42.5	12.5	4.05	.47	.65	.83

HS32-042 — C26-51/65 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)			
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1200	565	43.4	12.7	2.69	.74	.87	1.00	41.5	12.2	3.07	.75	.89	1.00	39.4	11.5	3.49	.77	.92	1.00	37.3	10.9	3.99	.79	.94	1.00
	1400	660	44.5	13.0	2.70	.77	.92	1.00	42.6	12.5	3.08	.79	.94	1.00	40.5	11.9	3.51	.81	.97	1.00	38.3	11.2	4.00	.83	.99	1.00
	1600	755	45.5	13.3	2.71	.81	.97	1.00	43.5	12.7	3.08	.83	.99	1.00	41.5	12.2	3.51	.85	1.00	1.00	39.4	11.5	4.01	.87	1.00	1.00
67°F (19°C)	1200	565	46.1	13.5	2.71	.58	.71	.84	44.1	12.9	3.09	.58	.72	.86	41.9	12.3	3.52	.59	.74	.88	39.6	11.6	4.02	.61	.76	.91
	1400	660	47.2	13.8	2.72	.60	.75	.89	45.0	13.2	3.10	.61	.77	.91	42.7	12.5	3.53	.62	.79	.94	40.4	11.8	4.03	.63	.81	.96
	1600	755	48.0	14.1	2.73	.62	.79	.94	45.8	13.4	3.11	.63	.81	.96	43.5	12.7	3.54	.64	.83	.98	41.0	12.0	4.03	.66	.85	1.00
71°F (22°C)	1200	565	49.1	14.4	2.74	.43	.56	.69	47.0	13.8	3.11	.44	.57	.70	44.6	13.1	3.55	.44	.58	.71	42.2	12.4	4.05	.44	.59	.74
	1400	660	50.2	14.7	2.75	.44	.58	.73	47.9	14.0	3.13	.44	.59	.74	45.5	13.3	3.56	.45	.61	.76	43.0	12.6	4.06	.45	.62	.79
	1600	755	51.0	14.9	2.76	.45	.61	.77	48.7	14.3	3.13	.45	.62	.78	46.1	13.5	3.57	.46	.64	.80	43.5	12.7	4.07	.47	.65	.83

HS32-042 — C26-65EAP COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)			
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1200	565	44.2	13.0	2.70	.73	.87	.99	42.2	12.4	3.07	.74	.88	1.00	40.1	11.8	3.50	.76	.91	1.00	37.9	11.1	4.00	.78	.93	1.00
	1400	660	45.4	13.3	2.71	.76	.91	1.00	43.3	12.7	3.08	.78	.94	1.00	41.2	12.1	3.51	.80	.96	1.00	39.0	11.4	4.01	.82	.98	1.00
	1600	755	46.4	13.6	2.72	.80	.96	1.00	44.3	13.0	3.09	.82	.98	1.00	42.2	12.4	3.52	.84	1.00	1.00	40.0	11.7	4.02	.86	1.00	1.00
67°F (19°C)	1200	565	47.1	13.8	2.72	.57	.70	.83	45.0	13.2	3.10	.58	.71	.85	42.7	12.5	3.53	.59	.73	.87	40.3	11.8	4.02	.60	.75	.90
	1400	660	48.2	14.1	2.73	.59	.74	.88	46.0	13.5	3.10	.60	.76	.90	43.6	12.8	3.54	.61	.77	.93	41.2	12.1	4.03	.62	.80	.95
	1600	755	49.0	14.4	2.74	.61	.78	.93	46.8	13.7	3.11	.62	.79	.95	44.3	13.0	3.54	.64	.82	.97	41.8	12.3	4.04	.65	.84	1.00
71°F (22°C)	1200	565	50.2	14.7	2.75	.43	.55	.68	48.0	14.1	3.13	.43	.56	.69	45.6	13.4	3.56	.43	.57	.71	43.0	12.6	4.06	.44	.58	.73
	1400	660	51.3	15.0	2.76	.44	.58	.72	49.0	14.4	3.13	.44	.59	.73	46.5	13.6	3.57	.44	.60	.75	43.8	12.8	4.07	.45	.61	.77
	1600	755	52.2	15.3	2.76	.45	.60	.75	49.7	14.6	3.14	.45	.61	.77	47.1	13.8	3.57	.46	.63	.79	44.4	13.0	4.07	.46	.64	.82

HS32-042 — CR26-41 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)			
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1200	565	40.0	11.7	2.69	.73	.86	.98	38.3	11.2	3.07	.74	.88	.99	36.5	10.7	3.50	.75	.90	1.00	34.7	10.2	3.99	.77	.92	1.00
	1400	660	41.0	12.0	2.70	.76	.90	1.00	39.3	11.5	3.08	.77	.92	1.00	37.5	11.0	3.50	.79	.94	1.00	35.6	10.4	4.00	.81	.97	1.00
	1600	755	41.8	12.3	2.71	.79	.94	1.00	40.1	11.8	3.08	.81	.96	1.00	38.3	11.2	3.51	.83	.98	1.00	36.4	10.7	4.01	.85	.99	1.00
67°F (19°C)	1200	565	42.5	12.5	2.71	.57	.70	.83	40.6	11.9	3.09	.58	.71	.85	38.7	11.3	3.52	.58	.73	.87	36.7	10.8	4.02	.59	.75	.89
	1400	660	43.3	12.7	2.72	.59	.74	.88	41.4	12.1	3.10	.60	.75	.90	39.4	11.5	3.53	.61	.77	.92	37.4	11.0	4.02	.62	.79	.94
	1600	755	44.0	12.9	2.73	.61	.77	.92	42.1	12.3	3.10	.62	.79	.94	40.1	11.8	3.53	.63	.81	.96	37.9	11.1	4.03	.64	.83	.98
71°F (22°C)	1200	565	45.2	13.2	2.73	.43	.55	.67	43.3	12.7	3.11	.43	.56	.69	41.2	12.1	3.55	.43	.57	.71	39.0	11.4	4.05	.44	.58	.73
	1400	660	46.1	13.5	2.74	.43	.57	.71	44.1	12.9	3.12	.44	.58	.73	41.9	12.3	3.55	.44	.59	.75	39.7	11.6	4.05	.45	.61	.77
	1600	755	46.7	13.7	2.74	.44	.60	.75	44.7	13.1	3.13	.45	.61	.77	42.5	12.5	3.56	.45	.62	.79	40.2	11.8	4.06	.46	.64	.81

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS32-042 — CR26-51 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1200	565	41.5	12.2	2.69	.72	.85	.97	39.7	11.6	3.07	.73	.87	.98	37.8	11.1	3.50	.74	.89	1.00	35.9	10.5	3.99	.76	.91	1.00
	1400	660	42.5	12.5	2.70	.75	.89	1.00	40.7	11.9	3.08	.76	.91	1.00	38.8	11.4	3.50	.78	.93	1.00	36.8	10.8	4.00	.80	.95	1.00
	1600	755	43.4	12.7	2.71	.78	.93	1.00	41.6	12.2	3.08	.80	.95	1.00	39.6	11.6	3.51	.81	.97	1.00	37.6	11.0	4.01	.84	.99	1.00
67°F (19°C)	1200	565	44.2	13.0	2.71	.56	.69	.82	42.3	12.4	3.09	.57	.70	.83	40.3	11.8	3.52	.58	.72	.85	38.1	11.2	4.02	.59	.73	.88
	1400	660	45.2	13.2	2.72	.58	.72	.86	43.2	12.7	3.10	.59	.74	.88	41.1	12.0	3.53	.60	.75	.90	38.8	11.4	4.03	.61	.78	.93
	1600	755	45.9	13.5	2.73	.60	.76	.90	43.9	12.9	3.10	.61	.77	.92	41.7	12.2	3.54	.62	.79	.95	39.4	11.5	4.04	.63	.82	.97
71°F (22°C)	1200	565	47.1	13.8	2.74	.42	.54	.66	45.1	13.2	3.12	.43	.55	.68	42.9	12.6	3.55	.43	.56	.69	40.6	11.9	4.05	.43	.57	.71
	1400	660	48.1	14.1	2.75	.43	.56	.70	46.0	13.5	3.13	.43	.57	.71	43.7	12.8	3.56	.44	.59	.73	41.4	12.1	4.06	.44	.60	.75
	1600	755	48.8	14.3	2.75	.44	.59	.73	46.7	13.7	3.13	.44	.60	.75	44.4	13.0	3.56	.45	.61	.77	41.9	12.3	4.07	.45	.62	.79

HS32-042 — CR26-65 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1200	565	42.7	12.5	2.68	.73	.87	.99	40.8	12.0	3.05	.75	.89	1.00	38.8	11.4	3.48	.76	.91	1.00	36.7	10.8	3.97	.78	.94	1.00
	1400	660	43.8	12.8	2.69	.77	.92	1.00	41.9	12.3	3.06	.78	.94	1.00	39.8	11.7	3.49	.80	.96	1.00	37.7	11.0	3.98	.83	.99	1.00
	1600	755	44.8	13.1	2.70	.80	.96	1.00	42.8	12.5	3.07	.82	.98	1.00	40.8	12.0	3.50	.84	1.00	1.00	38.7	11.3	3.99	.87	1.00	1.00
67°F (19°C)	1200	565	45.4	13.3	2.70	.58	.71	.84	43.4	12.7	3.07	.58	.72	.86	41.3	12.1	3.51	.59	.74	.88	39.0	11.4	4.00	.60	.76	.90
	1400	660	46.5	13.6	2.71	.59	.74	.89	44.4	13.0	3.09	.61	.76	.91	42.1	12.3	3.52	.62	.78	.93	39.8	11.7	4.01	.63	.80	.96
	1600	755	47.3	13.9	2.72	.62	.78	.93	45.1	13.2	3.10	.63	.80	.95	42.8	12.5	3.52	.64	.82	.98	40.4	11.8	4.02	.66	.84	1.00
71°F (22°C)	1200	565	48.4	14.2	2.73	.43	.56	.68	46.3	13.6	3.10	.43	.57	.70	44.0	12.9	3.53	.44	.57	.71	41.6	12.2	4.03	.44	.59	.73
	1400	660	49.5	14.5	2.74	.44	.58	.72	47.2	13.8	3.11	.44	.59	.74	44.8	13.1	3.55	.45	.60	.76	42.3	12.4	4.04	.45	.62	.78
	1600	755	50.3	14.7	2.75	.45	.60	.76	48.0	14.1	3.12	.45	.61	.78	45.5	13.3	3.55	.46	.63	.80	42.9	12.6	4.05	.46	.65	.82

HS32-042 — CH23-41 - CH33-42B-F COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1200	565	41.4	12.1	2.67	.72	.86	.98	39.7	11.6	3.05	.73	.88	.99	37.9	11.1	3.47	.75	.90	1.00	36.0	10.6	3.96	.77	.92	1.00
	1400	660	42.5	12.5	2.68	.76	.91	1.00	40.8	12.0	3.05	.77	.93	1.00	38.9	11.4	3.48	.79	.95	1.00	36.9	10.8	3.97	.81	.97	1.00
	1600	755	43.4	12.7	2.69	.79	.95	1.00	41.7	12.2	3.06	.81	.97	1.00	39.8	11.7	3.48	.83	.98	1.00	37.9	11.1	3.98	.86	1.00	1.00
67°F (19°C)	1200	565	43.9	12.9	2.69	.56	.70	.83	42.1	12.3	3.06	.57	.71	.85	40.1	11.8	3.49	.58	.73	.87	38.0	11.1	3.99	.59	.74	.89
	1400	660	44.9	13.2	2.70	.59	.73	.88	42.9	12.6	3.07	.59	.75	.90	40.9	12.0	3.50	.60	.77	.92	38.7	11.3	3.99	.62	.79	.95
	1600	755	45.6	13.4	2.71	.61	.77	.92	43.6	12.8	3.08	.62	.79	.94	41.5	12.2	3.51	.63	.81	.97	39.3	11.5	4.00	.65	.83	.98
71°F (22°C)	1200	565	46.7	13.7	2.71	.42	.55	.67	44.8	13.1	3.09	.42	.56	.69	42.6	12.5	3.52	.43	.57	.70	40.4	11.8	4.02	.43	.58	.72
	1400	660	47.6	14.0	2.72	.43	.57	.71	45.6	13.4	3.10	.43	.58	.73	43.4	12.7	3.53	.44	.59	.75	41.1	12.0	4.02	.44	.61	.77
	1600	755	48.3	14.2	2.72	.44	.59	.75	46.2	13.5	3.10	.44	.60	.77	44.0	12.9	3.53	.45	.62	.79	41.6	12.2	4.03	.45	.64	.81

HS32-042 — CH33-44B-F - CH23-51 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1200	565	42.6	12.5	2.70	.71	.85	.97	40.8	12.0	3.07	.72	.87	.99	38.9	11.4	3.50	.74	.89	1.00	36.9	10.8	4.00	.76	.92	1.00
	1400	660	43.7	12.8	2.71	.74	.90	1.00	41.9	12.3	3.08	.76	.92	1.00	39.9	11.7	3.51	.78	.95	1.00	37.8	11.1	4.01	.80	.97	1.00
	1600	755	44.7	13.1	2.71	.78	.95	1.00	42.8	12.5	3.09	.80	.97	1.00	40.9	12.0	3.52	.82	.98	1.00	38.9	11.4	4.02	.85	1.00	1.00
67°F (19°C)	1200	565	45.2	13.2	2.72	.56	.68	.82	43.2	12.7	3.09	.56	.70	.84	41.2	12.1	3.52	.57	.71	.86	39.0	11.4	4.02	.58	.73	.89
	1400	660	46.2	13.5	2.73	.58	.72	.87	44.2	13.0	3.10	.58	.74	.89	42.0	12.3	3.53	.59	.76	.92	39.7	11.6	4.03	.61	.78	.94
	1600	755	46.9	13.7	2.73	.60	.76	.92	44.9	13.2	3.11	.61	.78	.94	42.7	12.5	3.54	.62	.80	.96	40.4	11.8	4.04	.63	.82	.98
71°F (22°C)	1200	565	48.1	14.1	2.74	.41	.54	.66	46.0	13.5	3.12	.42	.55	.67	43.8	12.8	3.55	.42	.56	.69	41.5	12.2	4.05	.42	.57	.71
	1400	660	49.1	14.4	2.75	.42	.56	.70	46.9	13.7	3.13	.43	.57	.72	44.6	13.1	3.56	.43	.58	.73	42.2	12.4	4.06	.44	.60	.76
	1600	755	49.8	14.6	2.75	.43	.58	.74	47.6	14.0	3.13	.44	.60	.75	45.3	13.3	3.57	.44	.61	.78	42.7	12.5	4.07	.45	.62	.80

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS32-042 — CH33-50C-F - CH23-65 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)			
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1200	565	43.1	12.6	2.71	.71	.85	.98	41.3	12.1	3.08	.72	.87	.99	39.3	11.5	3.51	.74	.89	1.00	37.2	10.9	4.01	.76	.92	1.00
	1400	660	44.3	13.0	2.71	.75	.90	1.00	42.3	12.4	3.09	.76	.92	1.00	40.3	11.8	3.52	.78	.95	1.00	38.2	11.2	4.02	.81	.97	1.00
	1600	755	45.3	13.3	2.72	.79	.95	1.00	43.3	12.7	3.10	.80	.97	1.00	41.3	12.1	3.53	.82	.99	1.00	39.3	11.5	4.02	.85	1.00	1.00
67°F (19°C)	1200	565	45.8	13.4	2.73	.56	.69	.82	43.8	12.8	3.10	.56	.70	.84	41.7	12.2	3.53	.57	.71	.86	39.4	11.5	4.03	.58	.73	.88
	1400	660	46.8	13.7	2.73	.58	.72	.87	44.8	13.1	3.11	.59	.74	.89	42.5	12.5	3.55	.60	.76	.92	40.2	11.8	4.05	.61	.78	.94
	1600	755	47.6	14.0	2.74	.60	.76	.92	45.5	13.3	3.12	.61	.78	.94	43.2	12.7	3.55	.62	.80	.97	40.8	12.0	4.06	.64	.83	.99
71°F (22°C)	1200	565	48.8	14.3	2.75	.42	.54	.66	46.7	13.7	3.12	.42	.55	.68	44.4	13.0	3.56	.42	.56	.69	42.0	12.3	4.07	.43	.57	.71
	1400	660	49.8	14.6	2.76	.43	.56	.70	47.6	14.0	3.13	.43	.57	.72	45.2	13.2	3.57	.43	.59	.74	42.7	12.5	4.08	.44	.60	.76
	1600	755	50.6	14.8	2.76	.43	.59	.74	48.3	14.2	3.15	.44	.60	.76	45.8	13.4	3.58	.44	.61	.78	43.3	12.7	4.08	.45	.63	.81

HS32-042 — CH23-68 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)			
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1200	565	44.3	13.0	2.70	.73	.87	.99	42.2	12.4	3.08	.75	.89	1.00	40.1	11.8	3.50	.76	.91	1.00	37.9	11.1	4.00	.78	.94	1.00
	1400	660	45.5	13.3	2.71	.77	.92	1.00	43.4	12.7	3.09	.79	.95	1.00	41.2	12.1	3.52	.80	.97	1.00	39.0	11.4	4.01	.83	1.00	1.00
	1600	755	46.5	13.6	2.72	.81	.97	1.00	44.5	13.0	3.10	.83	.99	1.00	42.4	12.4	3.53	.85	1.00	1.00	40.3	11.8	4.02	.88	1.00	1.00
67°F (19°C)	1200	565	47.1	13.8	2.73	.57	.71	.84	44.9	13.2	3.10	.58	.72	.86	42.7	12.5	3.53	.59	.74	.88	40.3	11.8	4.02	.60	.76	.91
	1400	660	48.2	14.1	2.73	.60	.75	.89	46.0	13.5	3.11	.61	.76	.91	43.6	12.8	3.54	.62	.78	.94	41.1	12.0	4.04	.63	.81	.97
	1600	755	49.2	14.4	2.74	.62	.79	.94	46.8	13.7	3.12	.63	.81	.97	44.4	13.0	3.55	.65	.83	.99	41.8	12.3	4.05	.66	.86	1.00
71°F (22°C)	1200	565	50.3	14.7	2.75	.43	.56	.68	47.9	14.0	3.13	.43	.56	.70	45.5	13.3	3.56	.44	.57	.71	43.0	12.6	4.06	.44	.59	.73
	1400	660	51.3	15.0	2.76	.44	.58	.72	48.9	14.3	3.14	.44	.59	.74	46.4	13.6	3.57	.45	.60	.76	43.8	12.8	4.07	.45	.62	.78
	1600	755	52.2	15.3	2.77	.45	.61	.76	49.7	14.6	3.15	.45	.62	.78	47.1	13.8	3.58	.46	.63	.81	44.4	13.0	4.08	.47	.65	.84

HS32-042 — CB29M-41 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)			
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1200	565	38.6	11.3	2.67	.73	.87	.97	37.1	10.9	3.04	.74	.88	.99	35.4	10.4	3.47	.75	.90	1.00	33.6	9.8	3.96	.77	.92	1.00
	1400	660	39.5	11.6	2.68	.76	.91	1.00	38.0	11.1	3.05	.78	.92	1.00	36.3	10.6	3.48	.79	.94	1.00	34.5	10.1	3.97	.81	.96	1.00
	1600	755	40.4	11.8	2.68	.79	.94	1.00	38.7	11.3	3.06	.81	.96	1.00	37.0	10.8	3.49	.83	.98	1.00	35.3	10.3	3.98	.85	.99	1.00
67°F (19°C)	1200	565	41.0	12.0	2.68	.57	.70	.83	39.3	11.5	3.06	.58	.72	.85	37.5	11.0	3.48	.58	.73	.87	35.6	10.4	3.98	.60	.75	.89
	1400	660	41.7	12.2	2.69	.59	.74	.88	40.0	11.7	3.06	.60	.75	.90	38.2	11.2	3.49	.61	.77	.92	36.2	10.6	3.99	.62	.79	.94
	1600	755	42.4	12.4	2.69	.61	.77	.92	40.6	11.9	3.07	.62	.79	.94	38.7	11.3	3.50	.63	.81	.96	36.7	10.8	4.00	.64	.83	.98
71°F (22°C)	1200	565	43.5	12.7	2.70	.43	.55	.68	41.8	12.3	3.08	.43	.56	.69	39.9	11.7	3.51	.43	.57	.71	37.8	11.1	4.00	.44	.58	.72
	1400	660	44.3	13.0	2.71	.43	.58	.72	42.5	12.5	3.08	.44	.58	.73	40.5	11.9	3.51	.44	.60	.75	38.4	11.3	4.01	.45	.61	.77
	1600	755	45.0	13.2	2.71	.44	.60	.75	43.1	12.6	3.09	.45	.61	.77	41.0	12.0	3.52	.45	.62	.79	38.9	11.4	4.02	.46	.63	.81

HS32-042 — CB29M-46 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)			
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1200	565	41.7	12.2	2.70	.74	.88	1.00	39.9	11.7	3.07	.76	.90	1.00	38.1	11.2	3.50	.77	.92	1.00	36.1	10.6	4.00	.79	.95	1.00
	1400	660	42.8	12.5	2.71	.78	.93	1.00	41.0	12.0	3.08	.79	.95	1.00	39.1	11.5	3.51	.81	.97	1.00	37.1	10.9	4.00	.83	.99	1.00
	1600	755	43.7	12.8	2.71	.82	.97	1.00	41.9	12.3	3.08	.83	.99	1.00	40.0	11.7	3.51	.85	1.00	1.00	38.0	11.1	4.01	.87	1.00	1.00
67°F (19°C)	1200	565	44.3	13.0	2.71	.58	.72	.85	42.4	12.4	3.09	.59	.73	.87	40.4	11.8	3.52	.60	.75	.89	38.2	11.2	4.02	.61	.77	.91
	1400	660	45.2	13.2	2.73	.60	.76	.90	43.3	12.7	3.10	.61	.77	.92	41.2	12.1	3.53	.62	.79	.94	39.0	11.4	4.03	.63	.81	.97
	1600	755	46.0	13.5	2.73	.62	.79	.94	44.0	12.9	3.11	.64	.81	.96	41.8	12.3	3.54	.65	.83	.98	39.6	11.6	4.04	.66	.85	1.00
71°F (22°C)	1200	565	47.2	13.8	2.74	.44	.57	.69	45.2	13.2	3.12	.44	.57	.71	43.0	12.6	3.55	.44	.58	.72	40.8	12.0	4.05	.45	.59	.74
	1400	660	48.1	14.1	2.75	.44	.59	.73	46.0	13.5	3.13	.45	.60	.75	43.8	12.8	3.56	.45	.61	.77	41.5	12.2	4.06	.46	.62	.79
	1600	755	48.8	14.3	2.75	.45	.61	.77	46.7	13.7	3.13	.46	.62	.79	44.4	13.0	3.56	.46	.64	.81	42.0	12.3	4.07	.47	.65	.83

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS32-042 — CB31MV-41 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1200	565	40.4	11.8	2.68	.72	.86	.98	38.7	11.3	3.05	.74	.88	.99	36.8	10.8	3.48	.75	.90	1.00	34.9	10.2	3.97	.77	.92	1.00
	1400	660	41.4	12.1	2.69	.76	.91	1.00	39.7	11.6	3.06	.77	.92	1.00	37.8	11.1	3.49	.79	.94	1.00	35.8	10.5	3.98	.81	.97	1.00
	1600	755	42.3	12.4	2.69	.79	.95	1.00	40.5	11.9	3.07	.81	.96	1.00	38.6	11.3	3.50	.83	.98	1.00	36.7	10.8	3.99	.85	1.00	1.00
67°F (19°C)	1200	565	42.9	12.6	2.70	.57	.70	.83	41.1	12.0	3.08	.57	.71	.84	39.1	11.5	3.50	.58	.73	.87	37.0	10.8	4.00	.59	.75	.89
	1400	660	43.8	12.8	2.71	.59	.74	.87	41.9	12.3	3.08	.60	.75	.89	39.9	11.7	3.51	.61	.77	.92	37.7	11.0	4.01	.62	.79	.94
	1600	755	44.6	13.1	2.72	.61	.77	.92	42.6	12.5	3.09	.62	.79	.94	40.5	11.9	3.52	.63	.81	.96	38.3	11.2	4.02	.65	.83	.98
71°F (22°C)	1200	565	45.7	13.4	2.72	.43	.55	.67	43.7	12.8	3.10	.43	.56	.69	41.7	12.2	3.53	.43	.57	.70	39.4	11.5	4.03	.43	.58	.72
	1400	660	46.6	13.7	2.73	.43	.57	.71	44.6	13.1	3.11	.43	.58	.73	42.4	12.4	3.54	.44	.59	.75	40.1	11.8	4.04	.44	.61	.77
	1600	755	47.4	13.9	2.74	.44	.59	.75	45.3	13.3	3.11	.44	.60	.77	43.0	12.6	3.55	.45	.62	.79	40.6	11.9	4.05	.46	.64	.81

HS32-042 — CB29M-51 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1200	565	42.7	12.5	2.70	.72	.86	.97	40.9	12.0	3.07	.74	.88	.99	39.0	11.4	3.50	.75	.90	1.00	36.9	10.8	4.00	.77	.92	1.00
	1400	660	43.8	12.8	2.71	.76	.90	1.00	42.0	12.3	3.08	.77	.92	1.00	40.0	11.7	3.51	.79	.95	1.00	37.9	11.1	4.01	.81	.97	1.00
	1600	755	44.8	13.1	2.71	.79	.94	1.00	42.9	12.6	3.09	.81	.96	1.00	40.9	12.0	3.52	.83	.98	1.00	38.8	11.4	4.02	.85	1.00	1.00
67°F (19°C)	1200	565	45.4	13.3	2.72	.57	.70	.83	43.4	12.7	3.10	.58	.71	.84	41.4	12.1	3.52	.58	.73	.87	39.1	11.5	4.02	.59	.75	.89
	1400	660	46.4	13.6	2.73	.59	.73	.88	44.3	13.0	3.10	.60	.75	.89	42.2	12.4	3.53	.61	.77	.92	39.9	11.7	4.04	.62	.79	.94
	1600	755	47.2	13.8	2.73	.61	.77	.92	45.1	13.2	3.11	.62	.79	.94	42.8	12.5	3.55	.63	.81	.96	40.5	11.9	4.05	.65	.83	.98
71°F (22°C)	1200	565	48.4	14.2	2.74	.43	.55	.67	46.3	13.6	3.12	.43	.56	.69	44.1	12.9	3.55	.43	.57	.70	41.7	12.2	4.06	.43	.58	.72
	1400	660	49.3	14.4	2.75	.43	.57	.71	47.2	13.8	3.13	.44	.58	.73	44.9	13.2	3.56	.44	.59	.75	42.4	12.4	4.07	.45	.61	.77
	1600	755	50.1	14.7	2.76	.44	.59	.75	47.9	14.0	3.14	.44	.61	.77	45.5	13.3	3.57	.45	.62	.79	42.9	12.6	4.08	.46	.64	.81

HS32-042 — CB30M-41 - CB30U-41/46 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1200	565	40.8	12.0	2.68	.72	.86	.97	39.1	11.5	3.05	.74	.88	.99	37.2	10.9	3.47	.75	.90	1.00	35.3	10.3	3.96	.77	.92	1.00
	1400	660	41.9	12.3	2.68	.76	.90	1.00	40.1	11.8	3.05	.77	.92	1.00	38.2	11.2	3.48	.79	.95	1.00	36.2	10.6	3.97	.81	.97	1.00
	1600	755	42.8	12.5	2.69	.79	.94	1.00	40.9	12.0	3.06	.81	.96	1.00	39.0	11.4	3.49	.83	.98	1.00	37.1	10.9	3.98	.85	1.00	1.00
67°F (19°C)	1200	565	43.4	12.7	2.69	.57	.70	.83	41.5	12.2	3.07	.57	.71	.85	39.5	11.6	3.49	.58	.73	.86	37.4	11.0	3.99	.59	.75	.89
	1400	660	44.3	13.0	2.70	.59	.73	.87	42.4	12.4	3.07	.59	.75	.89	40.3	11.8	3.50	.61	.77	.92	38.1	11.2	4.00	.62	.79	.94
	1600	755	45.1	13.2	2.71	.61	.77	.92	43.1	12.6	3.08	.62	.79	.94	40.9	12.0	3.51	.63	.81	.96	38.7	11.3	4.01	.65	.83	.98
71°F (22°C)	1200	565	46.2	13.5	2.72	.43	.55	.67	44.2	13.0	3.09	.43	.56	.69	42.1	12.3	3.52	.43	.57	.70	39.8	11.7	4.02	.43	.58	.72
	1400	660	47.1	13.8	2.73	.43	.57	.71	45.1	13.2	3.10	.43	.58	.73	42.9	12.6	3.53	.44	.59	.75	40.5	11.9	4.03	.44	.61	.77
	1600	755	47.9	14.0	2.73	.44	.59	.75	45.7	13.4	3.11	.44	.61	.76	43.5	12.7	3.54	.45	.62	.79	41.0	12.0	4.04	.46	.64	.81

HS32-042 — CB30M-46 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1200	565	42.1	12.3	2.68	.75	.89	1.00	40.3	11.8	3.05	.76	.91	1.00	38.4	11.3	3.48	.78	.93	1.00	36.4	10.7	3.97	.80	.95	1.00
	1400	660	43.2	12.7	2.69	.78	.94	1.00	41.3	12.1	3.06	.80	.96	1.00	39.4	11.5	3.49	.82	.98	1.00	37.3	10.9	3.99	.84	1.00	1.00
	1600	755	44.1	12.9	2.70	.82	.98	1.00	42.2	12.4	3.07	.84	1.00	1.00	40.3	11.8	3.50	.86	1.00	1.00	38.3	11.2	3.99	.88	1.00	1.00
67°F (19°C)	1200	565	44.8	13.1	2.70	.59	.72	.86	42.8	12.5	3.08	.59	.74	.87	40.8	12.0	3.50	.60	.75	.89	38.6	11.3	4.00	.61	.77	.92
	1400	660	45.7	13.4	2.71	.61	.76	.90	43.7	12.8	3.08	.61	.78	.92	41.6	12.2	3.51	.63	.79	.95	39.3	11.5	4.01	.64	.82	.97
	1600	755	46.5	13.6	2.72	.63	.80	.95	44.4	13.0	3.09	.64	.81	.97	42.2	12.4	3.52	.65	.83	.99	39.9	11.7	4.02	.67	.86	1.00
71°F (22°C)	1200	565	47.7	14.0	2.73	.44	.57	.70	45.6	13.4	3.10	.44	.58	.71	43.4	12.7	3.53	.45	.59	.73	41.1	12.0	4.03	.45	.60	.75
	1400	660	48.6	14.2	2.74	.45	.59	.73	46.5	13.6	3.11	.45	.60	.75	44.2	13.0	3.54	.45	.61	.77	41.8	12.3	4.04	.46	.63	.79
	1600	755	49.4	14.5	2.74	.45	.61	.77	47.2	13.8	3.12	.46	.63	.79	44.8	13.1	3.55	.46	.64	.81	42.3	12.4	4.05	.47	.66	.84

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS32-042 — CB30M-51 - CB50U-51 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1200	565	42.7	12.5	2.70	.73	.87	.99	40.8	12.0	3.08	.74	.89	1.00	38.8	11.4	3.51	.76	.91	1.00	36.7	10.8	4.01	.78	.93	1.00
	1400	660	43.9	12.9	2.72	.77	.91	1.00	41.9	12.3	3.09	.78	.94	1.00	39.8	11.7	3.52	.80	.96	1.00	37.7	11.0	4.02	.82	.98	1.00
	1600	755	44.8	13.1	2.72	.80	.96	1.00	42.8	12.5	3.10	.82	.98	1.00	40.8	12.0	3.53	.84	1.00	1.00	38.7	11.3	4.03	.87	1.00	1.00
67°F (19°C)	1200	565	45.5	13.3	2.73	.57	.70	.83	43.5	12.7	3.11	.58	.72	.85	41.3	12.1	3.54	.59	.73	.87	39.0	11.4	4.04	.60	.75	.90
	1400	660	46.6	13.7	2.74	.59	.74	.88	44.4	13.0	3.12	.60	.76	.91	42.2	12.4	3.55	.61	.78	.93	39.8	11.7	4.05	.63	.80	.96
	1600	755	47.4	13.9	2.75	.61	.78	.93	45.2	13.2	3.12	.63	.80	.95	42.9	12.6	3.56	.64	.82	.98	40.4	11.8	4.05	.66	.85	1.00
71°F (22°C)	1200	565	48.6	14.2	2.75	.43	.55	.68	46.4	13.6	3.13	.43	.56	.69	44.0	12.9	3.57	.44	.57	.71	41.6	12.2	4.07	.44	.59	.73
	1400	660	49.6	14.5	2.77	.44	.58	.72	47.3	13.9	3.15	.44	.59	.74	44.9	13.2	3.58	.45	.60	.75	42.4	12.4	4.08	.45	.61	.78
	1600	755	50.4	14.8	2.77	.45	.60	.76	48.0	14.1	3.15	.45	.61	.77	45.6	13.4	3.59	.46	.63	.80	43.0	12.6	4.09	.46	.64	.82

HS32-042 — CB31MV-51 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1200	565	42.3	12.4	2.69	.72	.86	.98	40.4	11.8	3.06	.73	.88	.99	38.5	11.3	3.49	.75	.90	1.00	36.4	10.7	3.98	.77	.92	1.00
	1400	660	43.5	12.7	2.70	.76	.90	1.00	41.5	12.2	3.07	.77	.93	1.00	39.5	11.6	3.50	.79	.95	1.00	37.3	10.9	4.00	.81	.97	1.00
	1600	755	44.4	13.0	2.71	.79	.95	1.00	42.4	12.4	3.08	.81	.97	1.00	40.4	11.8	3.51	.83	.99	1.00	38.4	11.3	4.00	.86	1.00	1.00
67°F (19°C)	1200	565	45.1	13.2	2.71	.57	.69	.82	43.1	12.6	3.09	.57	.71	.84	40.9	12.0	3.52	.58	.72	.86	38.6	11.3	4.02	.59	.74	.89
	1400	660	46.1	13.5	2.72	.59	.73	.87	44.0	12.9	3.10	.59	.75	.89	41.8	12.3	3.53	.61	.77	.92	39.4	11.5	4.02	.62	.79	.94
	1600	755	46.9	13.7	2.73	.61	.77	.92	44.8	13.1	3.10	.62	.79	.94	42.5	12.5	3.53	.63	.81	.96	40.0	11.7	4.03	.65	.84	.99
71°F (22°C)	1200	565	48.1	14.1	2.74	.42	.55	.67	45.9	13.5	3.12	.43	.56	.68	43.6	12.8	3.55	.43	.57	.70	41.2	12.1	4.05	.43	.58	.72
	1400	660	49.1	14.4	2.75	.43	.57	.71	46.8	13.7	3.13	.43	.58	.72	44.5	13.0	3.56	.44	.59	.74	42.0	12.3	4.05	.45	.61	.76
	1600	755	49.9	14.6	2.76	.44	.59	.75	47.6	14.0	3.13	.44	.61	.76	45.1	13.2	3.56	.45	.62	.79	42.6	12.5	4.06	.46	.63	.81

HS32-042 — CB30M-65 - CB30U-65 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1200	565	42.8	12.5	2.70	.72	.86	.97	40.9	12.0	3.07	.73	.88	.99	38.9	11.4	3.50	.75	.89	1.00	36.7	10.8	4.00	.77	.92	1.00
	1400	660	43.9	12.9	2.71	.76	.90	1.00	42.0	12.3	3.09	.77	.92	1.00	39.9	11.7	3.52	.79	.95	1.00	37.7	11.0	4.01	.81	.97	1.00
	1600	755	44.9	13.2	2.72	.79	.95	1.00	42.9	12.6	3.09	.81	.97	1.00	40.8	12.0	3.52	.83	.99	1.00	38.8	11.4	4.02	.85	1.00	1.00
67°F (19°C)	1200	565	45.6	13.4	2.72	.57	.70	.82	43.5	12.7	3.10	.57	.71	.84	41.3	12.1	3.53	.58	.72	.86	39.0	11.4	4.03	.59	.74	.89
	1400	660	46.6	13.7	2.73	.59	.73	.87	44.4	13.0	3.11	.59	.75	.89	42.2	12.4	3.54	.61	.77	.92	39.9	11.7	4.04	.62	.79	.94
	1600	755	47.4	13.9	2.74	.61	.77	.92	45.2	13.2	3.12	.62	.79	.94	42.9	12.6	3.55	.63	.81	.96	40.5	11.9	4.05	.65	.83	.99
71°F (22°C)	1200	565	48.6	14.2	2.75	.43	.55	.67	46.4	13.6	3.13	.43	.56	.68	44.1	12.9	3.56	.43	.56	.70	41.6	12.2	4.07	.44	.58	.72
	1400	660	49.7	14.6	2.76	.43	.57	.71	47.3	13.9	3.14	.44	.58	.72	45.0	13.2	3.57	.44	.59	.74	42.4	12.4	4.07	.45	.61	.77
	1600	755	50.5	14.8	2.77	.44	.59	.74	48.1	14.1	3.14	.44	.60	.77	45.6	13.4	3.58	.45	.62	.79	43.0	12.6	4.08	.46	.63	.81

HS32-042 — CB31MV-65 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1200	565	42.7	12.5	2.74	.72	.86	.98	40.8	12.0	3.12	.74	.88	1.00	38.8	11.4	3.56	.75	.90	1.00	36.7	10.8	4.06	.77	.93	1.00
	1400	660	43.9	12.9	2.75	.76	.91	1.00	41.9	12.3	3.13	.77	.93	1.00	39.8	11.7	3.57	.79	.95	1.00	37.7	11.0	4.07	.82	.98	1.00
	1600	755	44.8	13.1	2.76	.80	.95	1.00	42.8	12.5	3.14	.81	.97	1.00	40.8	12.0	3.58	.83	.99	1.00	38.8	11.4	4.08	.86	1.00	1.00
67°F (19°C)	1200	565	45.5	13.3	2.76	.57	.70	.83	43.5	12.7	3.14	.57	.71	.85	41.3	12.1	3.59	.58	.73	.87	39.0	11.4	4.09	.59	.75	.89
	1400	660	46.6	13.7	2.77	.59	.73	.88	44.4	13.0	3.16	.60	.75	.90	42.2	12.4	3.59	.61	.77	.92	39.8	11.7	4.10	.62	.79	.95
	1600	755	47.4	13.9	2.78	.61	.77	.92	45.2	13.2	3.16	.62	.79	.95	42.9	12.6	3.60	.63	.81	.97	40.4	11.8	4.11	.65	.84	.99
71°F (22°C)	1200	565	48.6	14.2	2.79	.43	.55	.67	46.4	13.6	3.17	.43	.56	.69	44.1	12.9	3.62	.43	.57	.70	41.6	12.2	4.13	.44	.58	.72
	1400	660	49.6	14.5	2.80	.43	.57	.71	47.3	13.9	3.19	.44	.58	.73	44.9	13.2	3.62	.44	.59	.75	42.4	12.4	4.13	.45	.61	.77
	1600	755	50.4	14.8	2.81	.44	.60	.75	48.1	14.1	3.19	.44	.61	.77	45.6	13.4	3.63	.45	.62	.79	43.0	12.6	4.14	.46	.64	.81

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS32-048 — C23-46 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1300	615	41.8	12.3	2.84	.71	.85	.97	40.1	11.8	3.22	.73	.87	.98	38.4	11.3	3.66	.74	.89	.99	36.5	10.7	4.18	.76	.91	1.00
	1600	755	43.1	12.6	2.85	.76	.91	1.00	41.4	12.1	3.23	.77	.93	1.00	39.6	11.6	3.67	.79	.95	1.00	37.7	11.0	4.19	.81	.97	1.00
	1900	895	44.2	13.0	2.85	.80	.96	1.00	42.5	12.5	3.23	.82	.97	1.00	40.7	11.9	3.68	.84	.99	1.00	38.8	11.4	4.19	.86	1.00	1.00
67°F (19°C)	1300	615	44.3	13.0	2.85	.56	.69	.82	42.6	12.5	3.23	.57	.70	.84	40.7	11.9	3.67	.57	.72	.86	38.7	11.3	4.19	.58	.73	.88
	1600	755	45.5	13.3	2.85	.59	.74	.88	43.7	12.8	3.23	.59	.75	.90	41.7	12.2	3.68	.60	.77	.92	39.5	11.6	4.20	.62	.79	.94
	1900	895	46.3	13.6	2.86	.61	.78	.93	44.5	13.0	3.24	.62	.80	.95	42.5	12.5	3.68	.63	.82	.97	40.3	11.8	4.20	.65	.84	.98
71°F (22°C)	1300	615	47.1	13.8	2.86	.42	.54	.67	45.3	13.3	3.24	.42	.55	.68	43.3	12.7	3.68	.43	.56	.69	41.2	12.1	4.20	.43	.57	.71
	1600	755	48.3	14.2	2.86	.43	.57	.71	46.4	13.6	3.25	.43	.58	.73	44.3	13.0	3.69	.44	.59	.74	42.1	12.3	4.21	.44	.60	.77
	1900	895	49.1	14.4	2.87	.44	.60	.76	47.2	13.8	3.25	.44	.61	.78	45.1	13.2	3.69	.45	.62	.80	42.7	12.5	4.22	.45	.64	.82

HS32-048 — C26-41 - C33-48B COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	42.6	12.5	2.84	.68	.80	.91	41.0	12.0	3.22	.69	.81	.92	39.2	11.5	3.66	.70	.83	.94	37.2	10.9	4.18	.72	.85	.96
	1300	615	44.8	13.1	2.85	.73	.86	.98	43.0	12.6	3.23	.74	.88	.99	41.0	12.0	3.68	.76	.90	1.00	39.0	11.4	4.19	.77	.92	1.00
	1600	755	46.3	13.6	2.86	.78	.93	1.00	44.5	13.0	3.24	.79	.94	1.00	42.5	12.5	3.68	.81	.96	1.00	40.4	11.8	4.19	.83	.98	1.00
67°F (19°C)	1000	470	45.5	13.3	2.85	.55	.65	.76	43.7	12.8	3.23	.55	.66	.78	41.7	12.2	3.68	.56	.68	.79	39.6	11.6	4.20	.56	.69	.81
	1300	615	47.5	13.9	2.86	.57	.70	.83	45.5	13.3	3.24	.58	.72	.85	43.4	12.7	3.69	.59	.73	.87	41.2	12.1	4.21	.60	.75	.89
	1600	755	48.8	14.3	2.87	.60	.76	.90	46.8	13.7	3.25	.61	.77	.92	44.6	13.1	3.69	.62	.79	.94	42.2	12.4	4.21	.63	.81	.96
71°F (22°C)	1000	470	48.5	14.2	2.87	.42	.52	.63	46.6	13.7	3.25	.42	.53	.64	44.5	13.0	3.69	.42	.54	.65	42.3	12.4	4.22	.43	.54	.66
	1300	615	50.5	14.8	2.87	.43	.55	.68	48.5	14.2	3.26	.43	.56	.69	46.2	13.5	3.71	.43	.57	.71	43.9	12.9	4.23	.44	.58	.73
	1600	755	51.8	15.2	2.88	.44	.58	.73	49.6	14.5	3.27	.44	.60	.75	47.3	13.9	3.72	.45	.61	.77	44.9	13.2	4.23	.45	.62	.79

HS32-048 — C33-50C - C23-51 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1300	615	44.1	12.9	2.85	.72	.85	.97	42.3	12.4	3.23	.73	.87	.98	40.4	11.8	3.67	.75	.89	1.00	38.4	11.3	4.19	.76	.91	1.00
	1600	755	45.6	13.4	2.86	.77	.91	1.00	43.8	12.8	3.24	.78	.93	1.00	41.8	12.3	3.68	.80	.95	1.00	39.7	11.6	4.19	.82	.97	1.00
	1900	895	46.9	13.7	2.86	.81	.96	1.00	45.0	13.2	3.24	.83	.98	1.00	43.1	12.6	3.69	.85	.99	1.00	41.1	12.0	4.20	.87	1.00	1.00
67°F (19°C)	1300	615	46.9	13.7	2.86	.57	.70	.82	45.0	13.2	3.24	.57	.71	.84	42.9	12.6	3.69	.58	.72	.86	40.7	11.9	4.21	.59	.74	.88
	1600	755	48.2	14.1	2.87	.59	.74	.88	46.2	13.5	3.25	.60	.76	.91	44.1	12.9	3.69	.61	.78	.92	41.8	12.3	4.21	.62	.80	.95
	1900	895	49.2	14.4	2.87	.62	.79	.94	47.2	13.8	3.25	.63	.81	.96	45.0	13.2	3.70	.64	.83	.98	42.6	12.5	4.22	.66	.85	.99
71°F (22°C)	1300	615	49.9	14.6	2.87	.42	.55	.67	47.9	14.0	3.26	.43	.56	.68	45.7	13.4	3.71	.43	.56	.70	43.4	12.7	4.23	.43	.57	.71
	1600	755	51.3	15.0	2.88	.43	.58	.72	49.2	14.4	3.27	.44	.59	.73	46.9	13.7	3.71	.44	.60	.75	44.4	13.0	4.23	.45	.61	.78
	1900	895	52.2	15.3	2.89	.45	.61	.77	50.0	14.7	3.27	.45	.62	.79	47.7	14.0	3.72	.45	.63	.81	45.2	13.2	4.24	.46	.65	.83

HS32-048 — C26-46 - C33-60D COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1300	615	45.4	13.3	2.85	.72	.86	.98	43.6	12.8	3.23	.73	.87	.99	41.6	12.2	3.67	.75	.90	1.00	39.4	11.5	4.18	.76	.92	1.00
	1600	755	47.0	13.8	2.85	.77	.92	1.00	45.1	13.2	3.23	.78	.94	1.00	43.1	12.6	3.67	.80	.96	1.00	40.9	12.0	4.19	.82	.98	1.00
	1900	895	48.4	14.2	2.86	.82	.97	1.00	46.5	13.6	3.24	.84	.99	1.00	44.5	13.0	3.68	.86	1.00	1.00	42.4	12.4	4.20	.88	1.00	1.00
67°F (19°C)	1300	615	48.2	14.1	2.86	.56	.69	.82	46.2	13.5	3.24	.57	.71	.84	44.1	12.9	3.68	.58	.72	.86	41.7	12.2	4.20	.59	.74	.89
	1600	755	49.6	14.5	2.87	.59	.74	.89	47.5	13.9	3.24	.60	.76	.91	45.3	13.3	3.69	.61	.78	.93	42.9	12.6	4.21	.62	.80	.96
	1900	895	50.6	14.8	2.87	.62	.80	.95	48.5	14.2	3.25	.63	.81	.97	46.2	13.5	3.70	.65	.84	.99	43.7	12.8	4.22	.66	.86	1.00
71°F (22°C)	1300	615	51.3	15.0	2.87	.42	.55	.67	49.2	14.4	3.26	.42	.55	.68	47.0	13.8	3.70	.43	.56	.70	44.5	13.0	4.22	.43	.57	.72
	1600	755	52.7	15.4	2.88	.43	.58	.72	50.5	14.8	3.26	.44	.59	.74	48.1	14.1	3.71	.44	.60	.76	45.5	13.3	4.23	.45	.61	.78
	1900	895	53.7	15.7	2.89	.44	.61	.78	51.4	15.1	3.27	.45	.62	.80	48.9	14.3	3.72	.45	.64	.82	46.2	13.5	4.24	.46	.66	.84

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS32-048 — C23-51/65 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)			
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1300	615	46.9	13.7	2.86	.72	.85	.97	45.0	13.2	3.24	.73	.87	.98	42.9	12.6	3.68	.74	.89	1.00	40.6	11.9	4.20	.76	.91	1.00
	1600	755	48.6	14.2	2.86	.76	.91	1.00	46.6	13.7	3.24	.78	.93	1.00	44.4	13.0	3.69	.80	.95	1.00	42.1	12.3	4.21	.82	.98	1.00
	1900	895	49.9	14.6	2.87	.81	.97	1.00	47.9	14.0	3.25	.83	.98	1.00	45.8	13.4	3.70	.85	1.00	1.00	43.6	12.8	4.21	.87	1.00	1.00
67°F (19°C)	1300	615	49.9	14.6	2.87	.57	.69	.82	47.9	14.0	3.25	.57	.70	.84	45.6	13.4	3.70	.58	.72	.86	43.2	12.7	4.22	.59	.74	.88
	1600	755	51.4	15.1	2.88	.59	.74	.88	49.3	14.4	3.26	.60	.75	.90	46.9	13.7	3.71	.61	.77	.92	44.4	13.0	4.23	.62	.80	.95
	1900	895	52.5	15.4	2.89	.62	.79	.94	50.3	14.7	3.27	.63	.81	.96	47.8	14.0	3.72	.64	.83	.98	45.2	13.2	4.23	.66	.85	1.00
71°F (22°C)	1300	615	53.2	15.6	2.89	.42	.55	.67	51.0	14.9	3.27	.43	.55	.68	48.7	14.3	3.72	.43	.56	.69	46.1	13.5	4.24	.43	.57	.71
	1600	755	54.7	16.0	2.90	.43	.58	.72	52.4	15.4	3.28	.44	.59	.73	49.9	14.6	3.73	.44	.60	.75	47.2	13.8	4.25	.45	.61	.77
	1900	895	55.8	16.4	2.91	.44	.61	.77	53.4	15.6	3.29	.45	.62	.79	50.8	14.9	3.74	.45	.63	.81	48.0	14.1	4.26	.46	.65	.83

HS32-048 — C26-51/65 - C33-62D COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)			
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1300	615	45.7	13.4	2.84	.70	.84	.98	43.8	12.8	3.22	.71	.86	.99	41.6	12.2	3.66	.73	.89	1.00	39.3	11.5	4.18	.75	.92	1.00
	1600	755	47.3	13.9	2.85	.75	.92	1.00	45.3	13.3	3.23	.76	.94	1.00	43.1	12.6	3.67	.79	.96	1.00	40.9	12.0	4.19	.81	.99	1.00
	1900	895	48.8	14.3	2.86	.80	.98	1.00	46.8	13.7	3.24	.82	.99	1.00	44.7	13.1	3.68	.85	1.00	1.00	42.5	12.5	4.20	.88	1.00	1.00
67°F (19°C)	1300	615	48.6	14.2	2.86	.55	.67	.81	46.5	13.6	3.24	.55	.69	.83	44.2	13.0	3.68	.56	.70	.85	41.7	12.2	4.20	.57	.72	.88
	1600	755	50.0	14.7	2.86	.57	.72	.88	47.8	14.0	3.25	.58	.74	.91	45.4	13.3	3.69	.59	.76	.93	42.8	12.5	4.21	.61	.79	.96
	1900	895	51.1	15.0	2.87	.61	.78	.95	48.8	14.3	3.26	.62	.80	.97	46.3	13.6	3.70	.63	.83	.99	43.7	12.8	4.21	.65	.86	1.00
71°F (22°C)	1300	615	51.8	15.2	2.88	.41	.53	.65	49.5	14.5	3.26	.41	.54	.66	47.1	13.8	3.70	.42	.55	.68	44.5	13.0	4.22	.42	.56	.70
	1600	755	53.2	15.6	2.88	.42	.56	.70	50.9	14.9	3.27	.42	.57	.72	48.3	14.2	3.71	.43	.58	.74	45.6	13.4	4.23	.43	.60	.77
	1900	895	54.2	15.9	2.89	.43	.59	.76	51.8	15.2	3.27	.44	.61	.78	49.1	14.4	3.72	.44	.62	.80	46.3	13.6	4.23	.45	.64	.83

HS32-048 — C26-65 EAP COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)			
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1300	615	48.3	14.2	2.85	.71	.85	.97	46.3	13.6	3.23	.72	.87	.99	44.1	12.9	3.68	.74	.89	1.00	41.7	12.2	4.20	.76	.92	1.00
	1600	755	50.1	14.7	2.86	.76	.92	1.00	47.9	14.0	3.25	.78	.94	1.00	45.7	13.4	3.69	.80	.96	1.00	43.3	12.7	4.21	.82	.98	1.00
	1900	895	51.5	15.1	2.87	.81	.97	1.00	49.4	14.5	3.25	.83	.99	1.00	47.2	13.8	3.69	.85	1.00	1.00	45.0	13.2	4.21	.88	1.00	1.00
67°F (19°C)	1300	615	51.5	15.1	2.87	.56	.69	.82	49.3	14.4	3.25	.57	.70	.83	46.9	13.7	3.70	.57	.72	.85	44.4	13.0	4.22	.58	.73	.88
	1600	755	53.0	15.5	2.88	.59	.74	.88	50.8	14.9	3.26	.60	.75	.90	48.3	14.2	3.71	.61	.77	.93	45.6	13.4	4.23	.62	.80	.95
	1900	895	54.2	15.9	2.89	.62	.79	.94	51.8	15.2	3.27	.63	.81	.96	49.3	14.4	3.71	.64	.83	.99	46.5	13.6	4.23	.66	.86	1.00
71°F (22°C)	1300	615	54.9	16.1	2.89	.42	.54	.66	52.6	15.4	3.27	.42	.55	.68	50.1	14.7	3.72	.43	.56	.69	47.4	13.9	4.24	.43	.57	.71
	1600	755	56.5	16.6	2.90	.43	.57	.71	54.0	15.8	3.29	.43	.58	.73	51.4	15.1	3.73	.44	.59	.75	48.6	14.2	4.25	.44	.61	.77
	1900	895	57.6	16.9	2.91	.44	.60	.76	55.0	16.1	3.29	.45	.62	.78	52.3	15.3	3.74	.45	.63	.81	49.4	14.5	4.26	.46	.65	.83

HS32-048 — CR26-51 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)			
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	43.9	12.9	2.84	.75	.89	1.00	41.9	12.3	3.21	.76	.91	1.00	39.8	11.7	3.64	.78	.93	1.00	37.4	11.0	4.16	.80	.96	1.00
	1600	755	44.8	13.1	2.84	.78	.93	1.00	42.8	12.5	3.21	.79	.95	1.00	40.6	11.9	3.65	.82	.97	1.00	38.3	11.2	4.16	.84	.99	1.00
	1800	850	45.6	13.4	2.84	.81	.96	1.00	43.6	12.8	3.22	.83	.98	1.00	41.5	12.2	3.66	.85	1.00	1.00	39.3	11.5	4.16	.88	1.00	1.00
67°F (19°C)	1400	660	46.6	13.7	2.84	.58	.72	.86	44.5	13.0	3.22	.59	.73	.88	42.1	12.3	3.67	.60	.76	.90	39.6	11.6	4.17	.61	.78	.93
	1600	755	47.4	13.9	2.85	.60	.75	.90	45.2	13.2	3.23	.61	.77	.92	42.8	12.5	3.67	.62	.79	.94	40.2	11.8	4.17	.63	.82	.97
	1800	850	48.0	14.1	2.86	.62	.79	.93	45.8	13.4	3.23	.63	.80	.96	43.4	12.7	3.67	.64	.83	.98	40.7	11.9	4.18	.66	.86	1.00
71°F (22°C)	1400	660	49.7	14.6	2.86	.43	.56	.69	47.4	13.9	3.24	.43	.57	.71	44.9	13.2	3.68	.44	.58	.73	42.2	12.4	4.19	.44	.60	.76
	1600	755	50.4	14.8	2.87	.44	.58	.73	48.1	14.1	3.25	.44	.59	.75	45.6	13.4	3.68	.45	.61	.77	42.8	12.5	4.19	.45	.62	.80
	1800	850	51.1	15.0	2.87	.44	.60	.76	48.7	14.3	3.24	.45	.62	.78	46.1	13.5	3.68	.45	.63	.81	43.2	12.7	4.20	.46	.65	.84

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS32-048 — CR26-65 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	45.9	13.5	2.84	.70	.87	1.00	43.8	12.8	3.22	.72	.90	1.00	41.5	12.2	3.66	.74	.93	1.00	39.0	11.4	4.17	.77	.96	1.00
	1600	755	46.9	13.7	2.84	.73	.92	1.00	44.8	13.1	3.22	.76	.95	1.00	42.5	12.5	3.66	.78	.98	1.00	40.1	11.8	4.17	.81	1.00	1.00
	1800	850	47.8	14.0	2.85	.77	.97	1.00	45.7	13.4	3.23	.80	.99	1.00	43.5	12.7	3.66	.83	1.00	1.00	41.2	12.1	4.18	.87	1.00	1.00
67°F (19°C)	1400	660	48.7	14.3	2.86	.54	.68	.83	46.4	13.6	3.23	.55	.69	.86	43.9	12.9	3.67	.56	.71	.89	41.1	12.0	4.19	.58	.74	.93
	1600	755	49.6	14.5	2.86	.56	.71	.89	47.2	13.8	3.24	.57	.73	.92	44.6	13.1	3.68	.59	.76	.95	41.8	12.3	4.19	.60	.79	.98
	1800	850	50.3	14.7	2.87	.58	.75	.94	47.8	14.0	3.25	.59	.77	.96	45.2	13.2	3.68	.61	.80	.99	42.4	12.4	4.19	.63	.84	1.00
71°F (22°C)	1400	660	51.9	15.2	2.87	.40	.53	.66	49.5	14.5	3.25	.40	.54	.67	46.8	13.7	3.69	.41	.55	.69	43.9	12.9	4.20	.41	.57	.71
	1600	755	52.7	15.4	2.88	.41	.55	.69	50.2	14.7	3.26	.41	.56	.71	47.4	13.9	3.70	.42	.57	.73	44.5	13.0	4.21	.42	.59	.76
	1800	850	53.4	15.6	2.88	.42	.57	.72	50.8	14.9	3.26	.42	.58	.75	48.0	14.1	3.70	.43	.60	.78	45.0	13.2	4.21	.43	.62	.81

HS32-048 — CH33-44B-F - CH23-51 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1300	615	44.4	13.0	2.84	.70	.85	.98	42.6	12.5	3.23	.71	.87	1.00	40.6	11.9	3.67	.73	.90	1.00	38.4	11.3	4.18	.75	.93	1.00
	1600	755	46.0	13.5	2.85	.75	.93	1.00	44.1	12.9	3.23	.77	.95	1.00	42.1	12.3	3.67	.79	.97	1.00	39.9	11.7	4.19	.82	.99	1.00
	1900	895	47.4	13.9	2.86	.81	.98	1.00	45.5	13.3	3.23	.83	1.00	1.00	43.6	12.8	3.68	.85	1.00	1.00	41.4	12.1	4.20	.88	1.00	1.00
67°F (19°C)	1300	615	47.1	13.8	2.85	.55	.68	.81	45.1	13.2	3.24	.55	.69	.84	42.9	12.6	3.68	.56	.70	.86	40.5	11.9	4.20	.57	.73	.89
	1600	755	48.4	14.2	2.86	.57	.73	.89	46.3	13.6	3.24	.58	.74	.92	44.1	12.9	3.69	.59	.76	.94	41.6	12.2	4.20	.61	.80	.97
	1900	895	49.4	14.5	2.87	.60	.78	.96	47.2	13.8	3.25	.62	.81	.98	44.9	13.2	3.69	.63	.83	1.00	42.4	12.4	4.21	.65	.86	1.00
71°F (22°C)	1300	615	50.2	14.7	2.87	.41	.53	.65	48.0	14.1	3.25	.41	.54	.67	45.7	13.4	3.70	.41	.55	.68	43.2	12.7	4.22	.42	.56	.70
	1600	755	51.4	15.1	2.88	.42	.56	.71	49.2	14.4	3.26	.42	.57	.72	46.8	13.7	3.71	.43	.59	.74	44.2	13.0	4.22	.43	.60	.77
	1900	895	52.3	15.3	2.88	.43	.59	.76	50.0	14.7	3.27	.43	.61	.78	47.5	13.9	3.71	.44	.62	.81	44.9	13.2	4.23	.45	.64	.84

HS32-048 — CH33-50C-F - CH23-65 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1300	615	45.6	13.4	2.85	.73	.87	.99	43.7	12.8	3.23	.75	.89	1.00	41.6	12.2	3.67	.76	.91	1.00	39.3	11.5	4.19	.79	.94	1.00
	1600	755	47.2	13.8	2.86	.79	.94	1.00	45.2	13.2	3.24	.80	.96	1.00	43.1	12.6	3.68	.82	.98	1.00	40.8	12.0	4.20	.85	1.00	1.00
	1900	895	48.7	14.3	2.86	.84	.99	1.00	46.7	13.7	3.24	.86	1.00	1.00	44.7	13.1	3.69	.88	1.00	1.00	42.4	12.4	4.21	.90	1.00	1.00
67°F (19°C)	1300	615	48.4	14.2	2.86	.57	.71	.84	46.3	13.6	3.24	.58	.72	.86	44.1	12.9	3.69	.59	.74	.88	41.6	12.2	4.20	.60	.76	.91
	1600	755	49.8	14.6	2.87	.60	.76	.91	47.6	14.0	3.25	.61	.78	.93	45.3	13.3	3.69	.63	.80	.95	42.7	12.5	4.22	.64	.83	.98
	1900	895	50.8	14.9	2.87	.64	.82	.97	48.6	14.2	3.26	.65	.83	.98	46.1	13.5	3.70	.66	.86	1.00	43.5	12.7	4.23	.68	.89	1.00
71°F (22°C)	1300	615	51.6	15.1	2.88	.43	.56	.69	49.4	14.5	3.26	.43	.56	.70	47.0	13.8	3.70	.43	.57	.72	44.4	13.0	4.22	.44	.59	.74
	1600	755	52.9	15.5	2.89	.44	.59	.74	50.6	14.8	3.27	.44	.60	.76	48.1	14.1	3.71	.45	.61	.78	45.3	13.3	4.24	.45	.63	.80
	1900	895	53.9	15.8	2.89	.45	.62	.80	51.5	15.1	3.27	.46	.64	.81	48.9	14.3	3.72	.46	.65	.84	46.1	13.5	4.24	.47	.67	.87

HS32-048 — CH33-62D-F - CH23-68 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1300	615	47.1	13.8	2.86	.68	.83	.99	45.0	13.2	3.24	.69	.86	1.00	42.7	12.5	3.68	.71	.89	1.00	40.2	11.8	4.20	.73	.93	1.00
	1600	755	48.9	14.3	2.87	.73	.93	1.00	46.7	13.7	3.25	.75	.95	1.00	44.4	13.0	3.69	.78	.98	1.00	42.0	12.3	4.21	.81	1.00	1.00
	1900	895	50.5	14.8	2.87	.80	.99	1.00	48.4	14.2	3.25	.82	1.00	1.00	46.3	13.6	3.69	.85	1.00	1.00	43.9	12.9	4.21	.89	1.00	1.00
67°F (19°C)	1300	615	50.2	14.7	2.87	.53	.66	.79	47.9	14.0	3.26	.54	.67	.82	45.4	13.3	3.70	.55	.69	.85	42.8	12.5	4.21	.56	.71	.88
	1600	755	51.7	15.2	2.88	.56	.71	.89	49.3	14.4	3.26	.57	.73	.91	46.8	13.7	3.70	.58	.75	.95	44.0	12.9	4.22	.60	.78	.98
	1900	895	52.8	15.5	2.89	.59	.77	.97	50.4	14.8	3.27	.61	.80	.99	47.7	14.0	3.71	.62	.83	1.00	44.9	13.2	4.23	.64	.86	1.00
71°F (22°C)	1300	615	53.5	15.7	2.89	.40	.52	.63	51.1	15.0	3.28	.40	.52	.65	48.5	14.2	3.72	.40	.53	.66	45.7	13.4	4.23	.41	.55	.68
	1600	755	55.0	16.1	2.90	.41	.55	.69	52.5	15.4	3.28	.41	.56	.70	49.7	14.6	3.73	.42	.57	.72	46.8	13.7	4.24	.42	.59	.75
	1900	895	56.0	16.4	2.91	.42	.58	.74	53.4	15.6	3.29	.43	.60	.77	50.6	14.8	3.73	.43	.61	.80	47.6	14.0	4.25	.44	.63	.84

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS32-048 — CB29M-46 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)			
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1450	685	44.3	13.0	2.84	.72	.89	1.00	42.3	12.4	3.21	.74	.91	1.00	40.2	11.8	3.65	.76	.94	1.00	37.9	11.1	4.16	.79	.97	1.00
	1550	730	44.7	13.1	2.84	.74	.91	1.00	42.8	12.5	3.21	.76	.94	1.00	40.6	11.9	3.65	.78	.96	1.00	38.4	11.3	4.16	.81	.98	1.00
	1650	780	45.2	13.2	2.84	.76	.93	1.00	43.2	12.7	3.21	.78	.96	1.00	41.1	12.0	3.65	.80	.98	1.00	38.8	11.4	4.16	.83	1.00	1.00
67°F (19°C)	1450	685	46.8	13.7	2.85	.56	.70	.86	44.7	13.1	3.22	.57	.72	.88	42.3	12.4	3.66	.58	.74	.91	39.8	11.7	4.17	.59	.76	.94
	1550	730	47.2	13.8	2.85	.57	.72	.88	45.0	13.2	3.23	.58	.73	.90	42.7	12.5	3.66	.59	.76	.93	40.1	11.8	4.17	.61	.79	.96
	1650	780	47.5	13.9	2.85	.58	.73	.90	45.3	13.3	3.23	.59	.75	.93	43.0	12.6	3.67	.60	.78	.95	40.4	11.8	4.17	.62	.81	.98
71°F (22°C)	1450	685	49.8	14.6	2.86	.41	.55	.68	47.5	13.9	3.24	.41	.55	.69	45.0	13.2	3.68	.42	.57	.71	42.3	12.4	4.19	.42	.58	.74
	1550	730	50.1	14.7	2.86	.42	.56	.70	47.8	14.0	3.24	.42	.57	.71	45.3	13.3	3.68	.42	.58	.73	42.6	12.5	4.19	.43	.60	.76
	1650	780	50.4	14.8	2.87	.42	.57	.71	48.1	14.1	3.25	.42	.58	.73	45.6	13.4	3.68	.43	.59	.76	42.8	12.5	4.19	.44	.61	.79

HS32-048 — CB30M-41 - CB30U-41/46 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)			
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1050	495	44.4	13.0	2.84	.71	.83	.94	42.7	12.5	3.23	.72	.84	.96	40.7	11.9	3.67	.73	.86	.98	38.6	11.3	4.19	.74	.88	1.00
	1250	590	45.9	13.5	2.85	.74	.87	.99	44.0	12.9	3.23	.75	.89	1.00	42.0	12.3	3.68	.76	.91	1.00	39.9	11.7	4.19	.78	.93	1.00
	1450	685	47.0	13.8	2.86	.77	.92	1.00	45.1	13.2	3.24	.78	.93	1.00	43.1	12.6	3.68	.80	.96	1.00	40.9	12.0	4.20	.82	.98	1.00
67°F (19°C)	1050	495	47.4	13.9	2.86	.56	.68	.79	45.5	13.3	3.24	.57	.69	.81	43.5	12.7	3.69	.57	.70	.83	41.2	12.1	4.20	.58	.72	.85
	1250	590	48.8	14.3	2.86	.58	.71	.84	46.8	13.7	3.25	.59	.72	.86	44.6	13.1	3.69	.59	.74	.88	42.3	12.4	4.21	.60	.75	.90
	1450	685	49.8	14.6	2.87	.60	.74	.89	47.8	14.0	3.25	.61	.76	.90	45.5	13.3	3.69	.62	.78	.92	43.1	12.6	4.21	.63	.80	.95
71°F (22°C)	1050	495	50.6	14.8	2.87	.43	.54	.65	48.6	14.2	3.25	.43	.55	.66	46.4	13.6	3.70	.44	.55	.67	44.0	12.9	4.22	.44	.56	.69
	1250	590	52.0	15.2	2.88	.44	.56	.68	49.9	14.6	3.26	.44	.57	.70	47.6	14.0	3.71	.44	.58	.71	45.2	13.2	4.22	.44	.59	.73
	1450	685	53.0	15.5	2.88	.44	.58	.72	50.8	14.9	3.27	.45	.59	.73	48.5	14.2	3.71	.45	.60	.75	45.9	13.5	4.23	.46	.61	.77

HS32-048 — CB30M-46 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)			
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1250	590	44.3	13.0	2.84	.73	.86	.98	42.4	12.4	3.23	.74	.88	.99	40.4	11.8	3.66	.75	.90	1.00	38.1	11.2	4.18	.78	.93	1.00
	1400	660	45.1	13.2	2.85	.75	.89	1.00	43.2	12.7	3.23	.76	.91	1.00	41.1	12.0	3.66	.78	.93	1.00	38.9	11.4	4.18	.80	.96	1.00
	1550	730	45.8	13.4	2.85	.77	.93	1.00	43.9	12.9	3.23	.79	.94	1.00	41.8	12.3	3.67	.81	.96	1.00	39.6	11.6	4.18	.83	.98	1.00
67°F (19°C)	1250	590	47.1	13.8	2.85	.57	.70	.83	45.0	13.2	3.24	.58	.71	.85	42.8	12.5	3.68	.58	.73	.87	40.4	11.8	4.19	.60	.75	.89
	1400	660	47.8	14.0	2.86	.58	.73	.86	45.7	13.4	3.24	.59	.74	.88	43.5	12.7	3.68	.60	.76	.90	41.0	12.0	4.20	.61	.78	.93
	1550	730	48.4	14.2	2.86	.60	.75	.90	46.3	13.6	3.24	.61	.77	.92	44.0	12.9	3.68	.62	.79	.94	41.5	12.2	4.20	.63	.81	.96
71°F (22°C)	1250	590	50.2	14.7	2.87	.43	.55	.67	48.0	14.1	3.25	.43	.56	.69	45.7	13.4	3.70	.43	.57	.70	43.1	12.6	4.21	.44	.58	.73
	1400	660	50.9	14.9	2.87	.43	.57	.70	48.7	14.3	3.26	.43	.57	.72	46.3	13.6	3.70	.44	.59	.74	43.7	12.8	4.22	.44	.60	.76
	1550	730	51.5	15.1	2.88	.44	.58	.73	49.3	14.4	3.26	.44	.59	.74	46.8	13.7	3.70	.44	.61	.77	44.2	13.0	4.22	.45	.62	.79

HS32-048 — CB31MV-41 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)			
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1250	590	45.4	13.3	2.84	.73	.86	.98	43.4	12.7	3.22	.74	.88	.99	41.3	12.1	3.66	.76	.90	1.00	39.0	11.4	4.16	.78	.93	1.00
	1400	660	46.3	13.6	2.84	.75	.90	1.00	44.3	13.0	3.22	.77	.91	1.00	42.1	12.3	3.66	.78	.94	1.00	39.7	11.6	4.17	.81	.96	1.00
	1550	730	47.1	13.8	2.84	.78	.93	1.00	45.0	13.2	3.22	.79	.95	1.00	42.8	12.5	3.66	.81	.97	1.00	40.5	11.9	4.17	.84	.99	1.00
67°F (19°C)	1250	590	48.3	14.2	2.85	.57	.70	.83	46.1	13.5	3.23	.58	.72	.85	43.8	12.8	3.67	.59	.73	.87	41.3	12.1	4.17	.60	.75	.90
	1400	660	49.0	14.4	2.85	.58	.73	.86	46.9	13.7	3.23	.59	.74	.89	44.5	13.0	3.67	.60	.76	.91	41.9	12.3	4.18	.62	.79	.94
	1550	730	49.7	14.6	2.86	.60	.75	.90	47.5	13.9	3.23	.61	.77	.92	45.0	13.2	3.67	.62	.79	.94	42.4	12.4	4.18	.64	.82	.97
71°F (22°C)	1250	590	51.5	15.1	2.86	.43	.55	.68	49.2	14.4	3.24	.43	.56	.69	46.7	13.7	3.68	.43	.57	.71	44.0	12.9	4.20	.44	.58	.73
	1400	660	52.2	15.3	2.87	.43	.57	.70	49.9	14.6	3.25	.43	.58	.72	47.4	13.9	3.68	.44	.59	.74	44.6	13.1	4.20	.44	.60	.76
	1550	730	52.8	15.5	2.87	.44	.58	.73	50.5	14.8	3.25	.44	.59	.75	47.9	14.0	3.69	.44	.61	.77	45.1	13.2	4.21	.45	.62	.79

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS32-048 — CB29M-51 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1300	615	44.6	13.1	2.84	.70	.85	.98	42.7	12.5	3.22	.71	.87	1.00	40.6	11.9	3.65	.73	.90	1.00	38.2	11.2	4.16	.75	.93	1.00
	1450	685	45.5	13.3	2.84	.72	.89	1.00	43.5	12.7	3.22	.74	.91	1.00	41.3	12.1	3.65	.76	.94	1.00	38.9	11.4	4.17	.78	.97	1.00
	1600	755	46.2	13.5	2.84	.75	.92	1.00	44.2	13.0	3.22	.77	.94	1.00	42.0	12.3	3.66	.79	.97	1.00	39.7	11.6	4.17	.82	.99	1.00
67°F (19°C)	1300	615	47.4	13.9	2.85	.54	.67	.81	45.3	13.3	3.23	.55	.69	.84	43.0	12.6	3.67	.56	.70	.86	40.4	11.8	4.18	.57	.73	.89
	1450	685	48.1	14.1	2.85	.56	.70	.85	46.0	13.5	3.23	.57	.71	.87	43.6	12.8	3.67	.58	.73	.90	41.0	12.0	4.18	.59	.76	.93
	1600	755	48.7	14.3	2.86	.57	.72	.89	46.5	13.6	3.23	.58	.74	.91	44.1	12.9	3.67	.59	.77	.94	41.4	12.1	4.19	.61	.80	.97
71°F (22°C)	1300	615	50.5	14.8	2.86	.41	.53	.65	48.2	14.1	3.24	.41	.54	.66	45.8	13.4	3.68	.41	.55	.68	43.1	12.6	4.20	.42	.56	.70
	1450	685	51.2	15.0	2.87	.41	.54	.67	48.9	14.3	3.25	.41	.55	.69	46.4	13.6	3.69	.42	.56	.71	43.6	12.8	4.20	.42	.58	.74
	1600	755	51.7	15.2	2.87	.42	.56	.70	49.4	14.5	3.25	.42	.57	.72	46.9	13.7	3.69	.43	.58	.74	44.0	12.9	4.20	.43	.60	.77

HS32-048 — CB29M-65 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	45.5	13.3	2.85	.70	.86	1.00	43.5	12.7	3.22	.71	.89	1.00	41.4	12.1	3.66	.73	.91	1.00	39.1	11.5	4.18	.75	.94	1.00
	1600	755	46.5	13.6	2.85	.73	.91	1.00	44.5	13.0	3.23	.75	.94	1.00	42.4	12.4	3.67	.77	.96	1.00	40.0	11.7	4.19	.80	.99	1.00
	1800	850	47.4	13.9	2.85	.76	.95	1.00	45.4	13.3	3.23	.79	.97	1.00	43.3	12.7	3.67	.81	.99	1.00	41.1	12.0	4.19	.85	1.00	1.00
67°F (19°C)	1400	660	48.2	14.1	2.86	.54	.67	.82	46.1	13.5	3.24	.55	.69	.84	43.8	12.8	3.68	.56	.70	.88	41.3	12.1	4.19	.57	.72	.91
	1600	755	49.0	14.4	2.87	.56	.70	.88	46.9	13.7	3.24	.57	.72	.90	44.5	13.0	3.68	.58	.75	.93	41.9	12.3	4.20	.59	.77	.96
	1800	850	49.7	14.6	2.87	.58	.74	.92	47.5	13.9	3.24	.59	.76	.95	45.1	13.2	3.69	.60	.79	.97	42.4	12.4	4.21	.62	.82	.99
71°F (22°C)	1400	660	51.3	15.0	2.88	.40	.53	.65	49.0	14.4	3.26	.40	.54	.66	46.6	13.7	3.70	.41	.54	.68	44.0	12.9	4.21	.41	.56	.70
	1600	755	52.1	15.3	2.88	.41	.54	.68	49.8	14.6	3.26	.41	.55	.70	47.3	13.9	3.70	.41	.57	.72	44.5	13.0	4.22	.42	.58	.75
	1800	850	52.7	15.4	2.88	.41	.57	.72	50.4	14.8	3.26	.42	.58	.74	47.8	14.0	3.71	.42	.59	.76	45.0	13.2	4.23	.43	.61	.79

HS32-048 — CB30M-51 - CB30U-51 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	48.0	14.1	2.85	.71	.86	.99	46.0	13.5	3.22	.73	.88	1.00	43.8	12.8	3.67	.74	.91	1.00	41.5	12.2	4.19	.76	.94	1.00
	1600	755	49.1	14.4	2.85	.75	.91	1.00	47.0	13.8	3.23	.76	.93	1.00	44.8	13.1	3.68	.78	.96	1.00	42.5	12.5	4.19	.81	.98	1.00
	1800	850	50.0	14.7	2.86	.78	.95	1.00	48.0	14.1	3.24	.80	.97	1.00	45.8	13.4	3.68	.82	.99	1.00	43.6	12.8	4.20	.85	1.00	1.00
67°F (19°C)	1400	660	51.1	15.0	2.86	.56	.69	.83	48.9	14.3	3.24	.56	.70	.85	46.5	13.6	3.69	.57	.72	.87	44.0	12.9	4.21	.59	.74	.90
	1600	755	52.0	15.2	2.87	.57	.72	.87	49.8	14.6	3.25	.58	.74	.90	47.3	13.9	3.70	.59	.76	.92	44.8	13.1	4.21	.61	.78	.95
	1800	850	52.8	15.5	2.88	.59	.75	.92	50.5	14.8	3.26	.60	.77	.94	48.0	14.1	3.70	.62	.80	.97	45.4	13.3	4.22	.63	.82	.99
71°F (22°C)	1400	660	54.4	15.9	2.88	.41	.54	.67	52.2	15.3	3.26	.42	.55	.68	49.6	14.5	3.71	.42	.56	.70	46.9	13.7	4.23	.43	.57	.72
	1600	755	55.4	16.2	2.89	.42	.56	.70	53.0	15.5	3.27	.42	.57	.72	50.4	14.8	3.72	.43	.58	.73	47.7	14.0	4.23	.43	.60	.76
	1800	850	56.1	16.4	2.90	.43	.58	.73	53.7	15.7	3.27	.43	.59	.75	51.0	14.9	3.72	.44	.61	.77	48.2	14.1	4.24	.44	.62	.80

HS32-048 — CB31MV-51 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1425	675	48.2	14.1	2.85	.72	.87	1.00	46.1	13.5	3.23	.73	.89	1.00	44.0	12.9	3.67	.75	.91	1.00	41.6	12.2	4.19	.77	.94	1.00
	1625	765	49.2	14.4	2.85	.75	.92	1.00	47.1	13.8	3.23	.77	.94	1.00	44.9	13.2	3.68	.79	.96	1.00	42.6	12.5	4.19	.81	.98	1.00
	1825	860	50.2	14.7	2.86	.78	.96	1.00	48.1	14.1	3.24	.80	.97	1.00	45.9	13.5	3.68	.83	.99	1.00	43.7	12.8	4.20	.85	1.00	1.00
67°F (19°C)	1425	675	51.2	15.0	2.86	.56	.69	.83	49.0	14.4	3.25	.57	.71	.85	46.6	13.7	3.69	.58	.72	.88	44.1	12.9	4.21	.59	.74	.91
	1625	765	52.1	15.3	2.87	.58	.73	.88	49.9	14.6	3.25	.59	.74	.90	47.4	13.9	3.70	.60	.76	.93	44.8	13.1	4.21	.61	.79	.96
	1825	860	52.9	15.5	2.88	.60	.76	.93	50.6	14.8	3.26	.61	.78	.95	48.1	14.1	3.70	.62	.80	.97	45.4	13.3	4.22	.63	.83	.99
71°F (22°C)	1425	675	54.6	16.0	2.88	.42	.54	.67	52.2	15.3	3.27	.42	.55	.68	49.7	14.6	3.71	.42	.56	.70	47.0	13.8	4.23	.43	.57	.72
	1625	765	55.5	16.3	2.89	.42	.56	.70	53.0	15.5	3.27	.43	.57	.72	50.5	14.8	3.71	.43	.58	.74	47.7	14.0	4.23	.44	.60	.76
	1825	860	56.2	16.5	2.90	.43	.58	.74	53.7	15.7	3.28	.43	.60	.75	51.1	15.0	3.72	.44	.61	.78	48.3	14.2	4.24	.45	.62	.81

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS32-048 — CB30M-65 - CB30U-65 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)			
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	48.0	14.1	2.85	.70	.85	.99	46.0	13.5	3.22	.71	.88	1.00	43.8	12.8	3.67	.73	.90	1.00	41.5	12.2	4.19	.75	.93	1.00
	1600	755	49.1	14.4	2.85	.73	.90	1.00	47.0	13.8	3.23	.75	.93	1.00	44.8	13.1	3.68	.77	.95	1.00	42.5	12.5	4.19	.79	.98	1.00
	1800	850	50.0	14.7	2.86	.77	.95	1.00	48.0	14.1	3.24	.79	.97	1.00	45.8	13.4	3.68	.81	.99	1.00	43.6	12.8	4.20	.84	1.00	1.00
67°F (19°C)	1400	660	51.1	15.0	2.86	.54	.67	.82	48.9	14.3	3.24	.55	.69	.84	46.5	13.6	3.69	.56	.70	.86	44.0	12.9	4.21	.57	.72	.89
	1600	755	52.0	15.2	2.87	.56	.71	.87	49.8	14.6	3.25	.57	.72	.89	47.3	13.9	3.70	.58	.74	.92	44.8	13.1	4.21	.60	.77	.95
	1800	850	52.8	15.5	2.88	.58	.74	.91	50.5	14.8	3.26	.59	.76	.94	48.0	14.1	3.70	.60	.79	.97	45.4	13.3	4.22	.62	.81	.99
71°F (22°C)	1400	660	54.4	15.9	2.88	.41	.53	.65	52.2	15.3	3.26	.41	.54	.67	49.6	14.5	3.71	.41	.55	.68	46.9	13.7	4.23	.42	.56	.70
	1600	755	55.4	16.2	2.89	.41	.55	.68	53.0	15.5	3.27	.42	.56	.70	50.4	14.8	3.72	.42	.57	.72	47.7	14.0	4.23	.42	.58	.74
	1800	850	56.1	16.4	2.90	.42	.57	.72	53.7	15.7	3.27	.42	.58	.74	51.0	14.9	3.72	.43	.59	.76	48.2	14.1	4.24	.44	.61	.79

HS32-048 — CB31MV-65 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)			
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1425	675	48.2	14.1	2.85	.74	.88	1.00	46.1	13.5	3.23	.75	.90	1.00	44.0	12.9	3.67	.77	.92	1.00	41.6	12.2	4.19	.79	.95	1.00
	1625	765	49.2	14.4	2.85	.77	.92	1.00	47.1	13.8	3.23	.79	.94	1.00	44.9	13.2	3.68	.81	.96	1.00	42.6	12.5	4.19	.83	.99	1.00
	1825	860	50.2	14.7	2.86	.80	.96	1.00	48.1	14.1	3.24	.82	.98	1.00	45.9	13.5	3.68	.84	.99	1.00	43.7	12.8	4.20	.87	1.00	1.00
67°F (19°C)	1425	675	51.2	15.0	2.86	.58	.71	.85	49.0	14.4	3.25	.58	.73	.87	46.6	13.7	3.69	.59	.75	.89	44.1	12.9	4.21	.61	.77	.92
	1625	765	52.1	15.3	2.87	.60	.75	.89	49.9	14.6	3.25	.60	.76	.91	47.4	13.9	3.70	.62	.78	.94	44.8	13.1	4.21	.63	.81	.96
	1825	860	52.9	15.5	2.88	.61	.78	.93	50.6	14.8	3.26	.63	.80	.95	48.1	14.1	3.70	.64	.82	.98	45.4	13.3	4.22	.65	.85	.99
71°F (22°C)	1425	675	54.6	16.0	2.88	.43	.56	.69	52.2	15.3	3.27	.43	.57	.70	49.7	14.6	3.71	.43	.58	.72	47.0	13.8	4.23	.44	.59	.74
	1625	765	55.5	16.3	2.89	.44	.58	.72	53.0	15.5	3.27	.44	.59	.74	50.5	14.8	3.71	.44	.60	.76	47.7	14.0	4.23	.45	.62	.78
	1825	860	56.2	16.5	2.90	.44	.60	.76	53.7	15.7	3.28	.45	.61	.78	51.1	15.0	3.72	.45	.63	.80	48.3	14.2	4.24	.46	.64	.82

HS32-060 — C26-46 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)			
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1700	800	58.1	17.0	3.90	.69	.85	.98	55.6	16.3	4.41	.71	.87	1.00	52.8	15.5	5.00	.73	.90	1.00	49.9	14.6	5.68	.75	.93	1.00
	1950	920	59.4	17.4	3.91	.73	.90	1.00	56.8	16.6	4.42	.75	.92	1.00	54.1	15.9	5.01	.77	.95	1.00	51.1	15.0	5.69	.79	.98	1.00
	2200	1040	60.6	17.8	3.92	.76	.94	1.00	57.9	17.0	4.43	.79	.97	1.00	55.2	16.2	5.02	.81	.99	1.00	52.3	15.3	5.70	.84	1.00	1.00
67°F (19°C)	1700	800	61.5	18.0	3.92	.54	.67	.81	58.7	17.2	4.43	.55	.69	.84	55.7	16.3	5.03	.56	.70	.87	52.5	15.4	5.72	.57	.72	.90
	1950	920	62.6	18.3	3.93	.56	.70	.87	59.7	17.5	4.44	.57	.72	.89	56.7	16.6	5.04	.58	.74	.92	53.4	15.6	5.72	.59	.77	.95
	2200	1040	63.5	18.6	3.94	.58	.74	.91	60.6	17.8	4.46	.59	.76	.94	57.5	16.9	5.05	.60	.79	.96	54.1	15.9	5.73	.62	.82	.99
71°F (22°C)	1700	800	65.4	19.2	3.95	.40	.53	.65	62.4	18.3	4.47	.41	.53	.66	59.2	17.3	5.06	.41	.55	.68	55.8	16.4	5.76	.41	.56	.70
	1950	920	66.5	19.5	3.96	.41	.55	.68	63.4	18.6	4.48	.41	.56	.70	60.1	17.6	5.08	.42	.57	.72	56.6	16.6	5.77	.42	.58	.75
	2200	1040	67.3	19.7	3.96	.42	.57	.72	64.2	18.8	4.49	.42	.58	.74	60.8	17.8	5.08	.43	.59	.76	57.2	16.8	5.77	.43	.61	.79

HS32-060 — C23-51 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)			
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1700	800	58.0	17.0	3.89	.72	.86	.97	55.6	16.3	4.41	.73	.88	.99	52.9	15.5	5.00	.75	.90	1.00	50.1	14.7	5.68	.77	.92	1.00
	1900	895	59.1	17.3	3.90	.74	.89	.99	56.5	16.6	4.41	.76	.91	1.00	53.8	15.8	5.01	.78	.93	1.00	51.0	14.9	5.69	.80	.95	1.00
	2100	990	60.0	17.6	3.91	.77	.92	1.00	57.4	16.8	4.43	.78	.94	1.00	54.7	16.0	5.01	.80	.96	1.00	51.8	15.2	5.69	.83	.98	1.00
67°F (19°C)	1700	800	61.5	18.0	3.91	.56	.70	.83	58.9	17.3	4.43	.57	.71	.85	56.0	16.4	5.02	.58	.72	.87	52.8	15.5	5.71	.59	.74	.89
	1900	895	62.4	18.3	3.92	.58	.72	.86	59.7	17.5	4.43	.59	.73	.88	56.7	16.6	5.03	.60	.75	.90	53.5	15.7	5.72	.61	.78	.93
	2100	990	63.2	18.5	3.92	.59	.74	.89	60.4	17.7	4.44	.60	.76	.91	57.3	16.8	5.04	.61	.78	.94	54.1	15.9	5.73	.63	.81	.96
71°F (22°C)	1700	800	65.4	19.2	3.94	.42	.55	.67	62.5	18.3	4.46	.42	.55	.68	59.5	17.4	5.05	.43	.56	.70	56.2	16.5	5.75	.43	.58	.72
	1900	895	66.3	19.4	3.95	.43	.56	.70	63.4	18.6	4.47	.43	.57	.71	60.2	17.6	5.06	.43	.58	.73	56.8	16.6	5.76	.44	.60	.75
	2100	990	67.0	19.6	3.95	.43	.58	.72	64.0	18.8	4.47	.44	.59	.74	60.8	17.8	5.08	.44	.60	.76	57.4	16.8	5.77	.45	.62	.79

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS32-060 — C33-50C - C26-51/65 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	58.3	17.1	3.88	.72	.85	.97	55.7	16.3	4.39	.73	.87	.98	53.0	15.5	4.98	.74	.88	1.00	50.1	14.7	5.65	.76	.91	1.00
	1600	755	59.7	17.5	3.89	.74	.89	1.00	57.1	16.7	4.40	.76	.90	1.00	54.3	15.9	4.99	.78	.92	1.00	51.2	15.0	5.66	.79	.95	1.00
	1800	850	60.9	17.8	3.90	.77	.92	1.00	58.2	17.1	4.41	.79	.94	1.00	55.3	16.2	4.99	.81	.96	1.00	52.2	15.3	5.67	.83	.99	1.00
67°F (19°C)	1400	660	62.1	18.2	3.90	.57	.69	.81	59.3	17.4	4.41	.58	.71	.83	56.3	16.5	5.01	.58	.72	.85	53.1	15.6	5.70	.59	.74	.88
	1600	755	63.4	18.6	3.91	.58	.72	.85	60.5	17.7	4.43	.59	.73	.87	57.4	16.8	5.02	.60	.75	.89	54.1	15.9	5.70	.61	.77	.92
	1800	850	64.5	18.9	3.92	.60	.75	.89	61.5	18.0	4.44	.61	.76	.91	58.4	17.1	5.02	.62	.78	.93	54.9	16.1	5.71	.63	.81	.96
71°F (22°C)	1400	660	66.2	19.4	3.93	.44	.55	.66	63.2	18.5	4.45	.44	.56	.68	60.0	17.6	5.05	.44	.57	.69	56.6	16.6	5.74	.44	.58	.71
	1600	755	67.5	19.8	3.95	.44	.57	.69	64.4	18.9	4.46	.44	.58	.71	61.1	17.9	5.06	.45	.59	.73	57.6	16.9	5.75	.45	.60	.75
	1800	850	68.6	20.1	3.96	.44	.58	.72	65.4	19.2	4.48	.45	.59	.74	62.0	18.2	5.07	.45	.61	.76	58.4	17.1	5.76	.46	.62	.78

HS32-060 — C23-51/65 - C33-60D COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1800	850	60.9	17.8	3.89	.68	.85	.99	58.1	17.0	4.41	.69	.88	1.00	55.2	16.2	4.99	.72	.91	1.00	52.0	15.2	5.67	.74	.94	1.00
	2000	945	61.9	18.1	3.90	.70	.89	1.00	59.2	17.3	4.41	.72	.92	1.00	56.1	16.4	5.00	.75	.95	1.00	53.0	15.5	5.68	.78	.98	1.00
	2200	1040	62.9	18.4	3.91	.73	.93	1.00	60.1	17.6	4.42	.76	.95	1.00	57.1	16.7	5.00	.78	.98	1.00	54.0	15.8	5.69	.82	1.00	1.00
67°F (19°C)	1800	850	64.6	18.9	3.92	.53	.66	.81	61.5	18.0	4.43	.53	.67	.84	58.3	17.1	5.03	.54	.69	.87	54.8	16.1	5.71	.56	.71	.90
	2000	945	65.5	19.2	3.92	.54	.68	.86	62.4	18.3	4.44	.55	.70	.88	59.1	17.3	5.02	.56	.72	.91	55.5	16.3	5.71	.58	.75	.95
	2200	1040	66.2	19.4	3.93	.55	.71	.89	63.0	18.5	4.45	.56	.73	.92	59.7	17.5	5.04	.58	.76	.95	56.1	16.4	5.72	.59	.79	.98
71°F (22°C)	1800	850	68.7	20.1	3.95	.39	.51	.63	65.5	19.2	4.47	.39	.52	.65	62.0	18.2	5.06	.40	.53	.67	58.3	17.1	5.75	.40	.55	.69
	2000	945	69.6	20.4	3.96	.40	.53	.66	66.3	19.4	4.48	.40	.54	.68	62.8	18.4	5.07	.40	.55	.70	58.9	17.3	5.76	.41	.57	.73
	2200	1040	70.4	20.6	3.96	.40	.54	.68	66.9	19.6	4.49	.41	.55	.70	63.3	18.6	5.08	.41	.57	.73	59.5	17.4	5.77	.42	.58	.77

HS32-060 — C33-62D - C26-65EAP COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1800	850	62.3	18.3	3.91	.68	.85	1.00	59.5	17.4	4.42	.69	.88	1.00	56.4	16.5	5.01	.71	.91	1.00	53.0	15.5	5.70	.74	.94	1.00
	2000	945	63.4	18.6	3.92	.70	.89	1.00	60.5	17.7	4.43	.72	.92	1.00	57.3	16.8	5.02	.75	.95	1.00	54.0	15.8	5.71	.78	.98	1.00
	2200	1040	64.4	18.9	3.92	.73	.93	1.00	61.4	18.0	4.44	.76	.96	1.00	58.3	17.1	5.03	.78	.99	1.00	55.1	16.1	5.71	.82	1.00	1.00
67°F (19°C)	1800	850	66.1	19.4	3.94	.53	.66	.81	63.0	18.5	4.45	.53	.67	.84	59.6	17.5	5.04	.55	.69	.87	56.0	16.4	5.74	.56	.71	.90
	2000	945	67.0	19.6	3.95	.54	.68	.85	63.8	18.7	4.46	.55	.70	.88	60.4	17.7	5.06	.56	.72	.92	56.6	16.6	5.75	.58	.75	.95
	2200	1040	67.8	19.9	3.95	.55	.71	.89	64.6	18.9	4.47	.56	.73	.92	61.0	17.9	5.07	.58	.76	.96	57.2	16.8	5.76	.59	.79	.99
71°F (22°C)	1800	850	70.4	20.6	3.98	.39	.51	.63	67.0	19.6	4.50	.39	.52	.65	63.4	18.6	5.09	.40	.53	.67	59.5	17.4	5.78	.40	.55	.69
	2000	945	71.3	20.9	3.98	.40	.53	.66	67.9	19.9	4.50	.40	.54	.67	64.2	18.8	5.10	.40	.55	.69	60.1	17.6	5.80	.41	.57	.73
	2200	1040	72.1	21.1	3.99	.40	.54	.68	68.6	20.1	4.51	.41	.55	.70	64.7	19.0	5.11	.41	.57	.73	60.7	17.8	5.80	.42	.58	.77

HS32-060 — CR26-65 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	58.9	17.3	3.88	.71	.83	.95	56.3	16.5	4.39	.72	.85	.97	53.4	15.6	4.98	.73	.87	.99	50.4	14.8	5.65	.75	.89	1.00
	1600	755	60.3	17.7	3.89	.73	.87	.99	57.6	16.9	4.40	.75	.89	1.00	54.6	16.0	4.99	.76	.91	1.00	51.5	15.1	5.66	.78	.94	1.00
	1800	850	61.5	18.0	3.90	.76	.90	1.00	58.7	17.2	4.41	.77	.92	1.00	55.7	16.3	4.99	.79	.95	1.00	52.5	15.4	5.67	.82	.97	1.00
67°F (19°C)	1400	660	62.8	18.4	3.90	.56	.68	.80	59.9	17.6	4.42	.57	.69	.82	56.8	16.6	5.01	.58	.71	.84	53.5	15.7	5.70	.58	.72	.86
	1600	755	64.1	18.8	3.91	.57	.71	.84	61.1	17.9	4.43	.58	.72	.86	57.9	17.0	5.02	.59	.74	.88	54.5	16.0	5.70	.60	.76	.91
	1800	850	65.1	19.1	3.92	.59	.73	.87	62.1	18.2	4.44	.60	.75	.89	58.8	17.2	5.03	.61	.77	.92	55.3	16.2	5.71	.62	.79	.95
71°F (22°C)	1400	660	66.9	19.6	3.94	.43	.54	.65	63.8	18.7	4.45	.43	.55	.67	60.6	17.8	5.05	.43	.56	.68	57.0	16.7	5.74	.44	.57	.70
	1600	755	68.2	20.0	3.95	.43	.56	.68	65.1	19.1	4.46	.44	.56	.70	61.7	18.1	5.06	.44	.58	.71	58.0	17.0	5.74	.44	.59	.74
	1800	850	69.3	20.3	3.96	.44	.57	.71	66.0	19.3	4.48	.44	.58	.73	62.6	18.3	5.07	.44	.60	.75	58.8	17.2	5.76	.45	.61	.77

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS32-060 — CH23-51 - CH33-60D-F COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)			
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1700	800	58.4	17.1	3.89	.65	.83	.98	55.9	16.4	4.40	.66	.85	.99	53.2	15.6	4.99	.68	.88	1.00	50.4	14.8	5.67	.71	.92	1.00
	2000	945	59.9	17.6	3.90	.69	.89	1.00	57.4	16.8	4.41	.71	.92	1.00	54.7	16.0	5.00	.74	.95	1.00	51.9	15.2	5.69	.77	.98	1.00
	2300	1085	61.3	18.0	3.91	.74	.95	1.00	58.7	17.2	4.42	.76	.97	1.00	56.1	16.4	5.01	.79	.99	1.00	53.3	15.6	5.70	.83	1.00	1.00
67°F (19°C)	1700	800	61.7	18.1	3.91	.51	.63	.78	59.0	17.3	4.42	.52	.64	.81	56.1	16.4	5.01	.52	.66	.84	53.0	15.5	5.71	.53	.68	.87
	2000	945	63.0	18.5	3.92	.53	.67	.86	60.2	17.6	4.43	.54	.68	.88	57.2	16.8	5.03	.55	.71	.91	54.0	15.8	5.72	.56	.74	.95
	2300	1085	64.0	18.8	3.92	.55	.71	.92	61.1	17.9	4.44	.56	.74	.94	58.1	17.0	5.04	.57	.77	.97	54.9	16.1	5.73	.59	.80	.99
71°F (22°C)	1700	800	65.6	19.2	3.93	.38	.49	.61	62.7	18.4	4.45	.38	.50	.62	59.6	17.5	5.05	.38	.51	.64	56.3	16.5	5.75	.39	.52	.66
	2000	945	66.8	19.6	3.95	.39	.52	.65	63.8	18.7	4.46	.39	.53	.66	60.7	17.8	5.06	.39	.54	.68	57.2	16.8	5.76	.40	.55	.71
	2300	1085	67.7	19.8	3.95	.39	.54	.69	64.7	19.0	4.47	.40	.55	.71	61.4	18.0	5.07	.40	.56	.74	57.9	17.0	5.77	.41	.58	.78

HS32-060 — CH33-50C-F - CH23-65 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)			
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1300	615	58.3	17.1	3.87	.69	.81	.92	55.7	16.3	4.38	.70	.83	.94	53.0	15.5	4.96	.71	.85	.96	50.0	14.7	5.65	.73	.87	.98
	1600	755	60.5	17.7	3.88	.73	.86	.98	57.8	16.9	4.40	.74	.88	.99	54.9	16.1	4.99	.76	.91	1.00	51.8	15.2	5.66	.78	.93	1.00
	1900	895	62.2	18.2	3.90	.77	.92	1.00	59.5	17.4	4.41	.79	.93	1.00	56.5	16.6	5.00	.81	.96	1.00	53.4	15.6	5.68	.83	.98	1.00
67°F (19°C)	1300	615	62.1	18.2	3.89	.55	.66	.78	59.3	17.4	4.40	.55	.67	.79	56.4	16.5	4.99	.56	.69	.81	53.1	15.6	5.68	.57	.70	.83
	1600	755	64.1	18.8	3.91	.57	.70	.83	61.2	17.9	4.42	.58	.72	.85	58.0	17.0	5.02	.59	.74	.88	54.6	16.0	5.70	.60	.76	.90
	1900	895	65.6	19.2	3.92	.59	.75	.89	62.5	18.3	4.44	.60	.76	.91	59.3	17.4	5.03	.62	.78	.93	55.8	16.4	5.71	.63	.81	.96
71°F (22°C)	1300	615	66.1	19.4	3.92	.42	.53	.64	63.2	18.5	4.44	.42	.54	.65	60.0	17.6	5.03	.43	.55	.66	56.6	16.6	5.73	.43	.55	.68
	1600	755	68.2	20.0	3.94	.43	.55	.68	65.1	19.1	4.46	.43	.56	.69	61.7	18.1	5.06	.43	.57	.71	58.1	17.0	5.74	.44	.59	.73
	1900	895	69.7	20.4	3.95	.43	.58	.72	66.4	19.5	4.47	.44	.59	.74	62.9	18.4	5.07	.44	.60	.76	59.2	17.3	5.76	.45	.62	.79

HS32-060 — CH33-62D-F - CH23-68 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)			
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1800	850	63.7	18.7	3.87	.62	.82	1.00	60.8	17.8	4.38	.63	.85	1.00	57.6	16.9	4.97	.65	.90	1.00	54.3	15.9	5.65	.69	.94	1.00
	2000	945	64.9	19.0	3.88	.64	.88	1.00	61.9	18.1	4.39	.67	.92	1.00	58.7	17.2	4.98	.70	.96	1.00	55.4	16.2	5.66	.74	.99	1.00
	2200	1040	66.0	19.3	3.89	.68	.93	1.00	62.9	18.4	4.40	.71	.97	1.00	59.8	17.5	4.99	.75	1.00	1.00	56.7	16.6	5.68	.79	1.00	1.00
67°F (19°C)	1800	850	67.5	19.8	3.91	.48	.60	.77	64.2	18.8	4.42	.49	.61	.80	60.8	17.8	5.01	.50	.63	.85	57.1	16.7	5.69	.51	.65	.90
	2000	945	68.4	20.0	3.92	.49	.62	.83	65.1	19.1	4.43	.50	.64	.87	61.6	18.1	5.02	.51	.67	.91	57.9	17.0	5.70	.53	.70	.96
	2200	1040	69.3	20.3	3.93	.51	.65	.89	65.9	19.3	4.44	.52	.68	.93	62.3	18.3	5.02	.53	.72	.97	58.5	17.1	5.71	.54	.76	1.00
71°F (22°C)	1800	850	71.8	21.0	3.95	.35	.46	.58	68.3	20.0	4.46	.36	.47	.59	64.6	18.9	5.06	.36	.48	.61	60.7	17.8	5.74	.36	.50	.63
	2000	945	72.7	21.3	3.95	.36	.48	.60	69.1	20.3	4.47	.36	.49	.62	65.4	19.2	5.06	.37	.50	.64	61.4	18.0	5.75	.37	.52	.67
	2200	1040	73.4	21.5	3.97	.37	.50	.63	69.9	20.5	4.48	.37	.51	.65	66.0	19.3	5.07	.37	.52	.68	61.9	18.1	5.76	.38	.54	.73

HS32-060 — CB29M-51 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)			
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1650	780	58.8	17.2	3.89	.69	.84	.97	56.3	16.5	4.40	.71	.86	.99	53.5	15.7	4.99	.72	.89	1.00	50.6	14.8	5.68	.74	.92	1.00
	1750	825	59.4	17.4	3.89	.71	.86	.99	56.8	16.6	4.41	.72	.88	1.00	54.0	15.8	5.00	.74	.91	1.00	51.1	15.0	5.68	.76	.94	1.00
	1850	875	59.9	17.6	3.90	.72	.88	1.00	57.3	16.8	4.41	.73	.90	1.00	54.5	16.0	5.00	.76	.93	1.00	51.6	15.1	5.68	.78	.95	1.00
67°F (19°C)	1650	780	62.4	18.3	3.91	.54	.67	.81	59.6	17.5	4.42	.55	.68	.83	56.6	16.6	5.02	.56	.70	.85	53.4	15.6	5.71	.57	.72	.88
	1750	825	62.9	18.4	3.91	.55	.68	.83	60.1	17.6	4.43	.56	.69	.85	57.1	16.7	5.02	.57	.71	.87	53.8	15.8	5.71	.58	.74	.90
	1850	875	63.3	18.6	3.92	.56	.69	.85	60.5	17.7	4.43	.56	.71	.87	57.4	16.8	5.03	.57	.73	.90	54.2	15.9	5.72	.59	.75	.92
71°F (22°C)	1650	780	66.3	19.4	3.94	.40	.53	.64	63.4	18.6	4.46	.41	.53	.66	60.2	17.6	5.05	.41	.54	.68	56.8	16.6	5.75	.41	.56	.70
	1750	825	66.8	19.6	3.94	.41	.53	.66	63.8	18.7	4.46	.41	.54	.67	60.6	17.8	5.06	.41	.55	.69	57.2	16.8	5.76	.42	.56	.71
	1850	875	67.3	19.7	3.95	.41	.54	.67	64.2	18.8	4.46	.41	.55	.69	61.0	17.9	5.06	.42	.56	.71	57.5	16.9	5.76	.42	.57	.73

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS32-060 — CB29M-65 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1600	755	57.6	16.9	3.93	.71	.85	.97	55.1	16.1	4.45	.72	.87	.99	52.3	15.3	5.05	.74	.89	1.00	49.4	14.5	5.73	.76	.92	1.00
	1800	850	58.7	17.2	3.94	.73	.88	.99	56.1	16.4	4.46	.75	.90	1.00	53.3	15.6	5.05	.77	.93	1.00	50.4	14.8	5.74	.79	.95	1.00
	2000	945	59.6	17.5	3.94	.76	.92	1.00	57.0	16.7	4.47	.77	.94	1.00	54.2	15.9	5.06	.80	.96	1.00	51.3	15.0	5.75	.82	.98	1.00
67°F (19°C)	1600	755	61.1	17.9	3.95	.55	.68	.81	58.4	17.1	4.47	.56	.69	.83	55.4	16.2	5.07	.57	.71	.86	52.2	15.3	5.77	.58	.73	.89
	1800	850	62.0	18.2	3.96	.57	.71	.85	59.2	17.3	4.48	.58	.72	.87	56.2	16.5	5.08	.59	.74	.90	52.9	15.5	5.77	.60	.77	.92
	2000	945	62.8	18.4	3.96	.58	.73	.89	60.0	17.6	4.48	.59	.75	.91	56.9	16.7	5.09	.60	.77	.93	53.5	15.7	5.78	.62	.80	.96
71°F (22°C)	1600	755	65.0	19.0	3.98	.42	.54	.66	62.0	18.2	4.50	.42	.55	.67	58.9	17.3	5.10	.42	.55	.69	55.5	16.3	5.81	.42	.57	.71
	1800	850	65.9	19.3	3.99	.42	.55	.68	62.9	18.4	4.51	.42	.56	.70	59.7	17.5	5.11	.43	.57	.72	56.2	16.5	5.82	.43	.59	.74
	2000	945	66.7	19.5	3.99	.42	.57	.71	63.6	18.6	4.52	.43	.58	.73	60.3	17.7	5.13	.43	.59	.75	56.7	16.6	5.83	.44	.61	.78

HS32-060 — CB30M-51 - CB30U-51 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	59.4	17.4	3.88	.70	.82	.94	56.7	16.6	4.39	.71	.84	.96	53.7	15.7	4.98	.72	.86	.98	50.6	14.8	5.65	.74	.88	1.00
	1600	755	60.8	17.8	3.89	.72	.86	.97	58.0	17.0	4.41	.74	.88	.99	55.0	16.1	4.99	.75	.90	1.00	51.7	15.2	5.67	.77	.93	1.00
	1800	850	62.0	18.2	3.90	.75	.89	1.00	59.2	17.3	4.41	.76	.91	1.00	56.1	16.4	4.99	.78	.94	1.00	52.7	15.4	5.68	.81	.96	1.00
67°F (19°C)	1400	660	63.3	18.6	3.91	.55	.67	.79	60.3	17.7	4.43	.56	.68	.81	57.2	16.8	5.01	.57	.70	.83	53.8	15.8	5.69	.58	.72	.85
	1600	755	64.7	19.0	3.92	.57	.70	.82	61.6	18.1	4.43	.57	.71	.84	58.3	17.1	5.02	.58	.73	.87	54.8	16.1	5.70	.60	.75	.89
	1800	850	65.7	19.3	3.93	.58	.72	.86	62.6	18.3	4.44	.59	.74	.88	59.2	17.3	5.03	.60	.76	.91	55.5	16.3	5.72	.62	.79	.94
71°F (22°C)	1400	660	67.5	19.8	3.94	.42	.53	.64	64.4	18.9	4.46	.42	.54	.66	61.0	17.9	5.05	.42	.55	.67	57.3	16.8	5.74	.43	.56	.69
	1600	755	68.9	20.2	3.95	.43	.55	.67	65.6	19.2	4.47	.43	.56	.69	62.1	18.2	5.06	.43	.57	.70	58.3	17.1	5.75	.44	.58	.73
	1800	850	70.0	20.5	3.97	.43	.56	.70	66.6	19.5	4.49	.43	.58	.72	63.0	18.5	5.07	.44	.59	.74	59.1	17.3	5.76	.44	.60	.76

HS32-060 — CB31MV-51 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1420	670	58.7	17.2	3.89	.70	.83	.94	56.0	16.4	4.41	.71	.84	.96	53.1	15.6	4.99	.72	.86	.98	50.1	14.7	5.67	.74	.89	1.00
	1620	765	60.0	17.6	3.91	.72	.86	.98	57.3	16.8	4.42	.74	.88	.99	54.4	15.9	5.00	.76	.90	1.00	51.2	15.0	5.68	.78	.93	1.00
	1820	860	61.2	17.9	3.91	.75	.90	1.00	58.4	17.1	4.42	.77	.92	1.00	55.4	16.2	5.01	.79	.94	1.00	52.2	15.3	5.70	.81	.97	1.00
67°F (19°C)	1420	670	62.6	18.3	3.92	.55	.67	.79	59.7	17.5	4.43	.56	.69	.81	56.6	16.6	5.03	.57	.70	.83	53.2	15.6	5.71	.58	.72	.86
	1620	765	63.9	18.7	3.93	.57	.70	.83	60.9	17.8	4.45	.57	.71	.85	57.6	16.9	5.04	.59	.73	.87	54.2	15.9	5.72	.60	.75	.90
	1820	860	64.9	19.0	3.94	.58	.73	.87	61.8	18.1	4.46	.59	.74	.89	58.5	17.1	5.05	.60	.76	.91	55.0	16.1	5.73	.62	.79	.94
71°F (22°C)	1420	670	66.7	19.5	3.95	.42	.54	.65	63.6	18.6	4.47	.42	.54	.66	60.3	17.7	5.07	.43	.55	.67	56.8	16.6	5.76	.43	.56	.69
	1620	765	68.1	20.0	3.96	.43	.55	.67	64.8	19.0	4.49	.43	.56	.69	61.4	18.0	5.08	.43	.57	.71	57.7	16.9	5.77	.44	.58	.73
	1820	860	69.1	20.3	3.98	.43	.57	.70	65.8	19.3	4.50	.43	.58	.72	62.3	18.3	5.09	.44	.59	.74	58.5	17.1	5.78	.44	.61	.76

HS32-060 — CB31MV-65 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1600	755	60.1	17.6	3.91	.71	.84	.97	57.4	16.8	4.43	.72	.86	.98	54.6	16.0	5.01	.73	.88	1.00	51.6	15.1	5.69	.75	.91	1.00
	1800	850	61.3	18.0	3.92	.73	.88	.99	58.6	17.2	4.43	.75	.90	1.00	55.7	16.3	5.02	.77	.92	1.00	52.5	15.4	5.71	.79	.95	1.00
	2000	945	62.4	18.3	3.92	.76	.91	1.00	59.6	17.5	4.44	.77	.93	1.00	56.6	16.6	5.03	.79	.96	1.00	53.5	15.7	5.72	.82	.98	1.00
67°F (19°C)	1600	755	63.9	18.7	3.93	.56	.68	.81	61.0	17.9	4.45	.56	.70	.83	57.9	17.0	5.04	.57	.71	.85	54.6	16.0	5.74	.58	.73	.88
	1800	850	65.0	19.0	3.95	.57	.71	.84	62.0	18.2	4.46	.58	.72	.87	58.9	17.3	5.06	.59	.74	.89	55.4	16.2	5.75	.60	.76	.92
	2000	945	65.9	19.3	3.96	.58	.73	.88	62.9	18.4	4.47	.59	.75	.90	59.6	17.5	5.06	.61	.77	.93	56.1	16.4	5.76	.62	.80	.96
71°F (22°C)	1600	755	68.1	20.0	3.97	.42	.54	.66	65.0	19.0	4.50	.42	.55	.67	61.7	18.1	5.09	.42	.56	.69	58.2	17.1	5.78	.43	.57	.71
	1800	850	69.2	20.3	3.99	.42	.55	.68	66.0	19.3	4.51	.43	.56	.70	62.6	18.3	5.10	.43	.57	.72	59.0	17.3	5.80	.43	.59	.74
	2000	945	70.1	20.5	3.99	.43	.57	.71	66.8	19.6	4.51	.43	.58	.73	63.3	18.6	5.11	.44	.59	.75	59.5	17.4	5.82	.44	.61	.77

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS32-060 — CB30M-65 - CB30U-65 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1650	780	61.5	18.0	3.80	.69	.84	.97	58.8	17.2	4.30	.70	.86	.99	55.8	16.4	4.87	.72	.88	1.00	52.7	15.4	5.53	.74	.91	1.00
	1800	850	62.4	18.3	3.81	.71	.87	.99	59.6	17.5	4.30	.72	.89	1.00	56.6	16.6	4.88	.74	.91	1.00	53.4	15.6	5.55	.77	.94	1.00
	1950	920	63.3	18.6	3.81	.73	.89	1.00	60.4	17.7	4.31	.75	.92	1.00	57.4	16.8	4.88	.77	.94	1.00	54.1	15.9	5.55	.79	.97	1.00
67°F (19°C)	1650	780	65.4	19.2	3.82	.54	.66	.80	62.4	18.3	4.33	.55	.68	.82	59.2	17.3	4.90	.56	.69	.85	55.8	16.4	5.57	.57	.71	.88
	1800	850	66.2	19.4	3.83	.55	.68	.83	63.1	18.5	4.34	.56	.70	.85	59.9	17.6	4.91	.57	.72	.88	56.4	16.5	5.58	.58	.74	.91
	1950	920	66.9	19.6	3.84	.56	.70	.86	63.8	18.7	4.34	.57	.72	.88	60.5	17.7	4.92	.58	.74	.91	56.9	16.7	5.59	.59	.77	.94
71°F (22°C)	1650	780	69.7	20.4	3.86	.40	.52	.64	66.4	19.5	4.37	.41	.53	.65	63.0	18.5	4.94	.41	.54	.67	59.4	17.4	5.62	.41	.55	.69
	1800	850	70.5	20.7	3.87	.41	.53	.66	67.2	19.7	4.37	.41	.54	.67	63.7	18.7	4.95	.41	.55	.69	60.0	17.6	5.63	.42	.57	.72
	1950	920	71.2	20.9	3.88	.41	.55	.68	67.8	19.9	4.38	.42	.56	.69	64.3	18.8	4.96	.42	.57	.72	60.4	17.7	5.64	.42	.58	.74