LENNOX

ENGINEERING DATA

HEAT PUMP OUTDOOR UNITS

HP26

ELITE 13™ SERIES

SEER up to 14.70

Cooling Capacity - 18,600 to 59,000 Btuh (5.4 to 17.3 kW)

Heating Capacity - 17,600 to 55,000 Btuh (5.2 to 16.1 kW)

Bulletin No. 210023
July 2000
Supersedes August 1999

CERTIFICATION APPLIES ONLY WHEN THE COMPLETE SYSTEM IS LISTED WITH ARI

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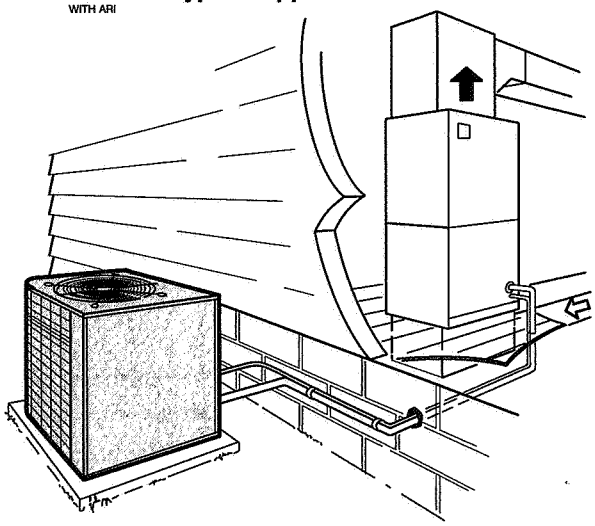
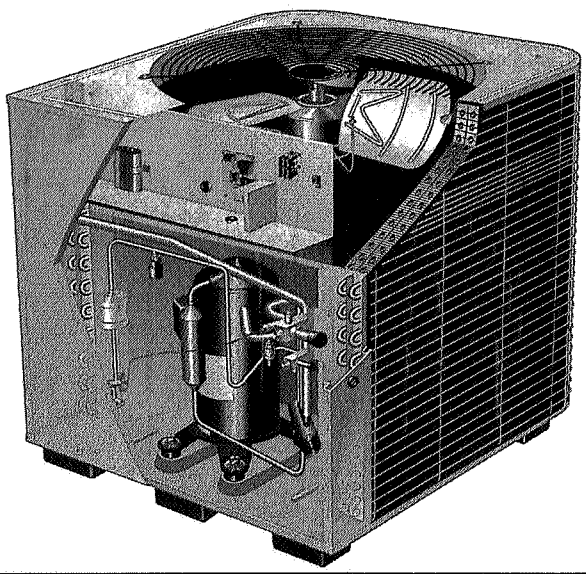
UL LISTED

Typical Application





MODEL NUMBER IDENTIFICATION

HP26 - 036 - 1 Y

Unit Type
HP = Heat pump Outdoor Unit

Series

Capacity Tons (kW)
024 = 2 (7.0)
030 = 2.5 (8.8)
036 = 3 (10.6)
042 = 3.5 (12.3)

Minor Revision Number

Voltage
P = 208/230v-1phase-60hz
Y = 208/230v-3 phase-60hz
G = 460v-3 phase-60hz
J = 575v-3 phase-60hz

FEATURES

Application
- SEER up to 14.70.
- Heating COP up to 3.79.
- HSPF (Region IV) up to 8.85.
- 1.5 through 5 ton (5.3 through 17.6 kW).
- Single and three phase power supply.
- Vertical air discharge allows concealment behind shrubs at grade level or out of sight on a roof.
- Designed for applications with remotely located indoor blower-coil units or indoor add-on coils with FM21 furnace control. See FM21 bulletin, Thermostats and Controls section. Also see Coils and Blower Coils sections for indoor unit data.
- Units shipped completely factory assembled, piped and wired. Each unit is test operated at the factory insuring proper operation.
- Installer must set outdoor 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.
- 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, five years in non-residential installations.
- All other covered components — limited warranty for five years in residential installations, one year in non-residential installations.
- Refer to Lennox Equipment Limited Warranty certificate included with unit for specific details.

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

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.

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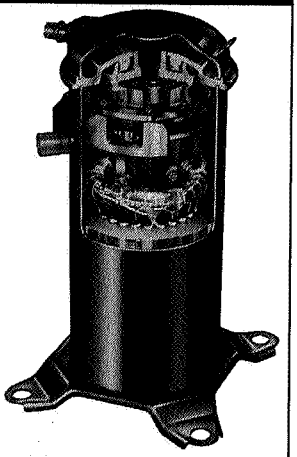
FEATURES

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 ofcrescent 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.

Cabinet

- Heavy gauge galvanized steel cabinet with five station metal wash process.
- Powder paint finish provides superior rust and corrosion protection.
- Separate compressor and control compartment insulated with thick fiberglass insulation. Compartment provides protection from the weather and keeps sound transmission at a minimum.
- Control box is located in the compressor and controls compartment with all controls factory wired.
- Large removable access panel provides complete 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 outdoor coil guard is furnished.

Outdoor Fan

- Direct drive fan moves large air volumes uniformly through entire outdoor coil for high refrigerant cooling capacity.
- Vertical air discharge minimizes operating sounds and eliminates damage to lawn and shrubs.
- 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.

Copper Tube/Enhanced Fin Coil

- Lennox designed and fabricated coil.
- Ripple-edged aluminum fins.
- Copper tube construction is corrosion resistant and easy to service.
- Precise coil circuiting gives uniform refrigerant distribution for high efficiency.
- Wrap around "U" shaped configuration provides extra large surface area with low air resistance.
- Fin collars grip tubing for maximum contact area.
- Inverted coil circuiting prevents ice buildup at coil base in low ambients.
- Discharge gas enters bottom of coil during defrost and heat of refrigerant flows counter to water drainage resulting in extremely clean and unobstructed fins and tubes.
- Fin spacing allows rapid and complete water drainage.
- Flared shoulder tubing connections/silver soldering construction.
- Coil is factory tested under high pressure to insure leakproof construction.
- Entire coil is accessible for cleaning.

Defrost/Timed-Off Control

- Solid-state defrost control board is furnished as standard equipment. It gives a defrost cycle (14 minutes) for every 30, 60 or 90 minutes (adjustable) of compressor "on" time at outdoor temperature below 35°F (2°C).
- Sensing element mounted on the liquid line determines when the defrost cycle is required and also when to terminate a cycle.
- Diagnostic LED on control board furnished as an aid for servicing.
- 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.

Refrigerant Line Connections, Electrical Inlets and Service Valves

- Vapor and liquid lines are located inside unit cabinet and are made with sweat connections. See dimension drawing.
- Fully serviceable brass service valves prevent corrosion and provide access to refrigerant system. Vapor valve can be fully shut off, while liquid valve may be front seated to manage refrigerant charge while servicing system.
- Vapor and liquid line service valves and gauge ports are located inside the cabinet.
- High capacity drier with internal check valve and strainer are furnished and factory installed in the liquid line.
- Field wiring inlets conveniently located for ease of entry. See dimension drawing.

Reversing Valve

- 4-way interchange reversing valve effects a rapid change in direction of refrigerant flow resulting in quick changeover from cooling to heating and vice versa.
- Valve operates on pressure differential between outdoor unit and indoor unit of the system. Factory installed.

Expansion Valve

- Designed and sized specifically for use in heat pump system.
- Sensing bulb is located on the suction line between reversing valve and compressor thus sensing suction temperature in any cycle.
- Factory installed and piped.

Service Light Thermostat

- Factory installed on the compressor discharge line.
- Required for operation of conditioned area thermostat with service light.

Ambient Compensating Thermistor

- Reduces thermostat droop to improve the operating characteristics of the heat pump system.
- Thermistor varies the heat anticipator resistance as ambient temperature changes.
- Factory installed in the discharge air stream.

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.

Check and Expansion Valve Kit
- Field installed on certain indoor units.
- See ARI Ratings table.

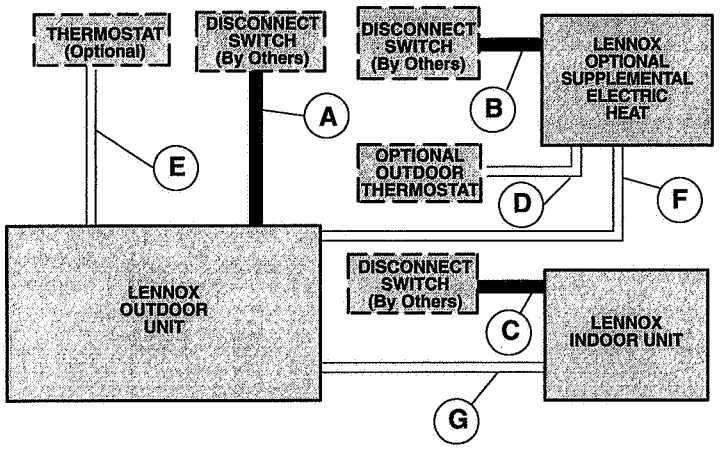
Refrigerant Line Kits
- Refrigerant lines (vapor & liquid) are shipped refrigeration clean. Lines are cleaned, dried, pressurized and sealed at factory.
- Vapor line fully insulated.
- L15 lines are stubbed at both ends.
- See Refrigerant Line Kit table for selection.
- Kit is not available for HP26-060 model and must be field fabricated.
- Refrigerant line length should not exceed 50 ft. (15 m) in any installation. If longer length lines are required, contact your Lennox Field Technical Consultant.

Low Ambient Kit
- Units will operate satisfactorily in the cooling mode down to 45°F (7°C) outdoor air temperature without any additional controls.
- Kit LB-57113BM (**27J00**) can be added in the field enabling unit to operate properly down to 30°F (-1°C).

Outdoor Thermostat Kit
- An outdoor thermostat can be used to lock out some of the electric heating elements on indoor units where two stage control is applicable.
- Outdoor thermostat maintains the heating load on the low power input as long as possible before allowing the full power load to come on the line.
- Thermostat kit LB-29740BA **(56A87)** and mounting box M-1595 **(31461)** or BM-10260 **(33A09)** (Canada Only) must be ordered extra.

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.

FIELD WIRING



A — Two or Three Wire Power (see Electrical Data)

B — Two or Three Wire Power (size to heater capacity)

C — Two Wire Power (size to indoor coil blower motor)

D — Two Wire Low Voltage — 18 ga. minimum

E — Eight Wire Low Voltage — 18 ga. minimum — with Electric Heat

— Ten Wire Low Voltage with Optional Outdoor Thermostat

F — Four Wire Low Voltage — 18 ga. minimum

G — Three Wire Low Voltage — 18 ga. minimum

— Field Wiring Not Furnished —

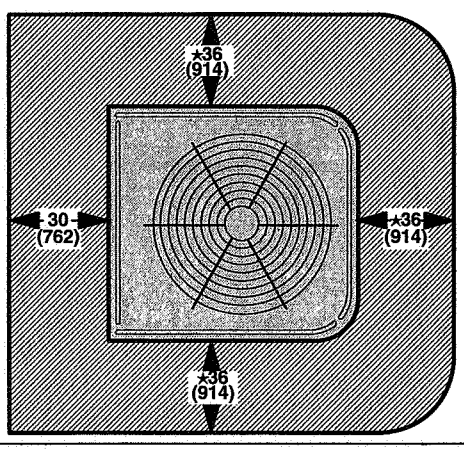
All wiring must conform to NEC or CEC and local electrical codes.

REFRIGERANT LINE KITS

Outdoor Unit Model No.	Line Set Model No.	Line Length		Liquid Line (o.d.)		Vapor Line (o.d.)	
		ft.	m	in.	mm	in.	mm
HP26-018	L15-26-20	20	6	3/8	9.5	5/8	15.9
	L15-26-25	25	8				
	L15-26-35	35	11				
	L15-26-50	50	15				
HP26-024 HP26-030 HP26-036	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				
HP26-042 HP26-048	L15-65-30	30	9	3/8	9.5	7/8	22.2
	L15-65-40	40	12				
	L15-65-50	50	15				
HP26-060	Field Fabricate			3/8	9.5	1-1/8	22.2

NOTE — Refrigerant line set should not exceed 50 ft. (15 m) in any installation.

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

SPECIFICATIONS

Model No.			HP26-018	HP26-024	HP26-030	HP26-036	HP26-042	HP26-048	HP26-060
Nominal Tonnage			1.5	2	2.5	3	3.5	4	5
Liquid line conn. o.d. — in. (mm) sweat			3/8 (9.5)						
Vapor line conn. o.d. — in. (mm) sweat			5/8 (15.9)	3/4 (19)			7/8 (22.2)		1-1/8 (28.6)
*Refrigerant furnished (HCFC-22)			7 lbs. 1 oz. (3.20 kg)	6 lbs. 8 oz. (2.95 kg)	8 lbs. 12 oz. (3.97 kg)	9 lbs. 8 oz. (4.31 kg)	11 lbs. 0 oz. (4.99 kg)	12 lbs. 8 oz. (5.67 kg)	13 lbs.6 oz. (6.07 kg)
Outdoor Coil	Net face area sq. ft. (m^2)	Outer Coil	11.91 (1.11)		16.04 (1.49)		18.33 (1.70)	24.06 (2.24)	
		Inner Coil	8.27 (0.77)		15.56 (1.45)		17.78 (1.65)	23.33 (2.17)	
	Tube diameter — in. (mm)		5/16 (8)						
	No. of rows		2						
	Fins per inch (m)		22 (866)						
Outdoor Coil Fan	Diameter in. (mm) — No. of blades		20 (508) - 4		24 (610) - 3			24 (610) - 4	
	Motor hp		1/10 (75)		1/6 (124)			1/4 (187)	
	Cfm (L/s)		1860 (880)		3000 (1415)		3100 (1465)	4200 (1980)	
	Rpm		825						
	Watts		165		230			345	
Shipping wt. — lbs. (kg) 1 package			193 (88)	194 (88)	242 (110)	252 (114)	263 (119)	330 (150)	360 (163)
OPTIONAL ACCESSORIES – MUST BE ORDERED EXTRA									
Low Ambient Control Kit			LB-57113BM (**27J00**)						
Mounting Base	Catalog number - Ship. weight		MB2-S (**69J06**) - 6 lbs. (3 kg)		MB2-L (**69J07**) - 15 lbs. (7 kg)				
	Dimensions - in. (mm)		22-1/4 x 22-1/4 x 3 (565 x 565 x 76)		32 x 34 x 3 (813 x 864 x 76)				
Outdoor Thermostat Kit		Thermostat Kit	LB-29740BA (**56A87**)						
		Mounting Box	M-1595 (**31461**) or BM-10260 (**33A09**) (Canada Only)						

*Refrigerant charge sufficient for 20 ft. (6.1 m) length of refrigerant lines.

ELECTRICAL DATA - SINGLE PHASE

Model No.		HP26-018	HP26-024	HP26-030	HP26-036	HP26-042	HP26-048	HP26-060
Line voltage data - 60 hertz - 1 phase		208/230v						
Rec. max. fuse or circuit breaker size (amps)		15	20	30	35	40	50	60
*Minimum circuit ampacity		11.3	13.7	18	21.2	23.6	31.5	38
Compressor	Rated load amps	8.4	10.3	13.5	16.1	18	23.8	28.9
	Power factor	.96				.97	.94	.94
	Locked rotor amps	47	56	72.5	88	104	129	169
Outdoor Coil Fan Motor	Full load amps	0.8		1.1			1.7	1.7
	Locked rotor amps	1.6		2.0			3.8	3.8

*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.

ELECTRICAL DATA - THREE PHASE

Model No.		HP26-036	HP26-042	HP26-048		HP26-060	
Line voltage data - 60 hertz - 3 phase		208/230v			460v	208/230v	460v
Rec. max. fuse or circuit breaker size (amps)		20	25	30	15	40	20
*Minimum circuit ampacity		14	16.8	18.6	10.4	24.5	12.4
Compressor	Rated load amps	10.3	12.5	13.5	7.4	17.4	9.0
	Power factor	.82		.87		.85	
	Locked rotor amps	77	88	120	49.5	123	62
Outdoor Coil Fan Motor	Full load amps	1.1		1.7	1.1	1.7	1.1
	Locked rotor amps	2.0		3.8	2.2	3.8	2.2

*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.

ARI RATINGS

Unit Size Model No. *Sound Rating No.	★ARI Standard 210/240 Ratings											Indoor Units	**Check and Expansion Valve Kit Required
	Cool. Cap. Btuh (kW)	High Htg. Cap. Btuh (kW)	Low Htg. Cap. Btuh (kW)	Total Cool. Watts	SEER (EER)	Cool. C.O.P.	Total High Htg. Watts	HSPF Region IV (Region V)	High Htg. C.O.P.	Total Low Htg. Watts	Low Htg. C.O.P.		
1.5 Ton HP26-018 (72 db)	18,600 (5.4)	17,800 (5.2)	11,400 (3.3)	1805	12.00 (10.30)	3.02	1695	7.15 (6.35)	3.10	1555	2.17	**Blower Coil Unit** CB29M-21/26 (Multi-Position)	●Factory Installed
	18,800 (5.5)	17,800 (5.2)	11,400 (3.3)	1825	12.00 (10.30)	3.02	1705	7.10 (6.30)	3.08	1565	2.15	**Blower Coil Unit** CB29M-31 (Multi-Position)	
	19,600 (5.7)	18,000 (5.3)	11,400 (3.3)	1820	12.50 (10.75)	3.00	1640	7.40 (6.50)	3.23	1525	2.22	**Blower Coil Unit** [2]CB30M-21/26 (Multi-Position) CB30U-21/26 (Up-Flow)	
	20,000 (5.9)	18,000 (5.3)	11,400 (3.3)	1795	13.00 (11.15)	3.26	1595	7.50 (6.55)	3.31	1485	2.26	**Blower Coil Unit** CB30M-31 (Multi-Position) CB30U-31 (Up-Flow)	
	18,800 (5.5)	18,000 (5.3)	11,800 (3.5)	1815	12.10 (10.35)	3.03	1690	7.40 (6.70)	3.12	1505	2.32	[1]**Blower Coil Unit** CVP10-26/EC10Q3 (Up-Flow)	
	18,800 (5.5)	17,800 (5.2)	11,400 (3.3)	1815	12.00 (10.35)	3.03	1710	7.10 (6.30)	3.07	1570	2.15	**Indoor Coil (▲FM21)** C26-21 (Up-Flow)	
	19,200 (5.6)	18,000 (5.3)	11,400 (3.3)	1820	12.10 (10.55)	3.09	1685	7.20 (6.35)	3.14	1560	2.17	**Indoor Coil (▲FM21)** C33-24A/B (Up-Flow)	LB-85759F **(56J19)**
												C26-26 (Up-Flow)	●Factory Installed
	20,000 (5.9)	18,000 (5.3)	11,400 (3.3)	1830	12.60 (10.95)	3.21	1650	7.30 (6.40)	3.20	1540	2.19	**Indoor Coil (▲FM21)** C26-31 (Up-Flow)	
	18,600 (5.4)	17,800 (5.2)	11,400 (3.3)	1815	11.70 (10.25)	3.00	1750	7.00 (6.20)	2.99	1595	2.11	**Indoor Coil (▲FM21)** CR26-21 (Down-Flow)	
	19,800 (5.8)	17,800 (5.2)	11,400 (3.3)	1825	12.50 (10.85)	3.18	1670	7.25 (6.35)	3.15	1545	2.18	**Indoor Coil (▲FM21)** CR26-31 (Down-Flow)	
	18,800 (5.5)	17,600 (5.2)	11,200 (3.3)	1815	11.80 (10.35)	3.03	1740	7.00 (6.15)	2.98	1590	2.09	**Indoor Coil (▲FM21)** CH23-21 (Horizontal)	LB-85759F **(56J19)**
	18,600 (5.4)	17,800 (5.2)	11,200 (3.3)	1815	12.00 (10.25)	3.00	1710	7.05 (6.20)	3.05	1575	2.12	**Indoor Coil (▲FM21)** CH23-31 (Horizontal)	
	19,400 (5.7)	17,800 (5.2)	11,400 (3.3)	1825	12.20 (10.65)	3.12	1665	7.20 (6.30)	3.16	1560	2.14	**Indoor Coil (▲FM21)** CH33-36A/B/C-F (Horizontal) CH23-41 (Horizontal)	
2 Ton HP26-024 (72 db)	22,200 (6.5)	22,000 (6.4)	14,400 (4.2)	2170	11.85 (10.20)	2.99	2000	7.85 (6.85)	3.32	1825	2.33	**Blower Coil Unit** CB29M-21/26 (Multi-Position)	●Factory Installed
	23,000 (6.7)	22,600 (6.6)	14,400 (4.2)	2190	12.10 (10.50)	3.08	2000	7.80 (6.80)	3.31	1830	2.32	**Blower Coil Unit** CB29M-31 (Multi-Position)	
	23,200 (6.8)	22,800 (6.7)	14,600 (4.3)	2210	12.10 (10.50)	3.08	1975	8.00 (6.90)	3.38	1825	2.34	**Blower Coil Unit** CB29M-41 (Multi-Position)	
	24,000 (7.0)	22,800 (6.7)	14,400 (4.2)	2190	12.70 (10.95)	3.21	1940	8.05 (7.00)	3.45	1795	2.37	**Blower Coil Unit** [2]CB30M-21/26 (Multi-Position) CB30U-21/26 (Up-Flow)	
	24,400 (7.1)	22,400 (6.6)	14,200 (4.2)	2125	13.40 (11.45)	3.36	1840	8.25 (7.10)	3.60	1710	2.44	**Blower Coil Unit** CB30M-31 (Multi-Position) CB30U-31 (Up-Flow)	
	22,800 (6.7)	22,600 (6.6)	14,200 (4.2)	2195	12.05 (10.40)	3.04	1980	7.80 (6.80)	3.35	1825	2.31	[1]**Blower Coil Unit** CVP10-26/EC10Q3 (Up-Flow)	
	22,400 (6.6)	22,600 (6.6)	14,600 (4.3)	2195	11.80 (10.20)	2.99	2005	7.80 (6.85)	3.32	1835	2.33	**Indoor Coil (▲FM21)** C26-21 (Up-Flow)	
	23,000 (6.7)	22,800 (6.7)	14,600 (4.3)	2195	12.10 (10.45)	3.06	1970	8.00 (6.95)	3.41	1815	2.36	**Indoor Coil (▲FM21)** C33-24A/B (Up-Flow)	LB-85759F **(56J19)**
												C26-26 (Up-Flow)	●Factory Installed
	24,000 (7.0)	22,800 (6.7)	14,400 (4.2)	2200	12.70 (10.90)	3.19	1925	8.10 (7.00)	3.48	1795	2.38	**Indoor Coil (▲FM21)** C26-31 (Up-Flow)	
	22,000 (6.4)	22,600 (6.6)	14,400 (4.2)	2185	11.50 (10.05)	2.95	2050	7.70 (6.75)	3.23	1860	2.29	**Indoor Coil (▲FM21)** CR26-21 (Down-Flow)	LB-85759F **(56J19)**
	23,800 (7.0)	22,800 (6.7)	14,400 (4.2)	2200	12.50 (10.80)	3.17	1960	8.00 (6.95)	3.42	1805	2.36	**Indoor Coil (▲FM21)** CR26-31 (Down-Flow)	
	22,600 (6.6)	22,200 (6.5)	14,200 (4.2)	2190	11.80 (10.30)	3.02	2035	7.60 (6.75)	3.22	1860	2.26	**Indoor Coil (▲FM21)** CH23-21 (Horizontal)	
	22,800 (6.7)	22,400 (6.6)	14,400 (4.2)	2190	12.00 (10.40)	3.05	2000	7.75 (6.80)	3.30	1835	2.30	**Indoor Coil (▲FM21)** CH33-30A-F (Horizontal) CH23-31 (Horizontal)	
	23,600 (6.9)	22,600 (6.6)	14,400 (4.2)	2195	12.35 (10.75)	3.15	1935	8.00 (6.95)	3.44	1805	2.35	**Indoor Coil (▲FM21)** CH33-36A/B/C-F (Horizontal) CH23-41 (Horizontal)	

*Sound Rating Number in accordance with test conditions included in ARI Standard 270.
★Certified in accordance with USE certification program which is based on ARI Standard 210/240 with 25 ft. (7.6 m) of connecting refrigerant lines;
Cooling Ratings — 95°F (35°C) outdoor air temperature and 80°F (27°C) db/67°F (19°C) wb entering indoor coil air.
High Temperature Heating Ratings — 47°F (8°C) db/43°F (6°C) wb outdoor air temperature and 70°F (21°C) db entering indoor coil air.
Low Temperature Heating Ratings — 17°F db/15°F wb outdoor air temperature and 70°F (21°C) db entering indoor coil air.
●Furnished as standard with coil unit.
**Kit is required and must be ordered extra, unless shown as factory installed.
▲FM21 Heat Pump Control - Use coil listed with any Lennox furnace that meets system design requirements. See FM21 page in this section for additional data.
[1]Canada Only
[2]Most popular blower coil combination.

ARI RATINGS

Unit Size Model No. *Sound Rating No.	★ARI Standard 210/240 Ratings											Indoor Units	**Check and Expansion Valve Kit Required
	Cool. Cap. Btuh (kW)	High Htg. Cap. Btuh (kW)	Low Htg. Cap. Btuh (kW)	Total Cool. Watts	SEER (EER)	Cool. C.O.P.	Total High Htg. Watts	HSPF Region IV (Region V)	High Htg. C.O.P.	Total Low Htg. Watts	Low Htg. C.O.P.		
2.5 Ton HP26-030 (74 db)	29,400 (8.6)	31,000 (9.1)	20,200 (5.9)	2690	12.50 (10.95)	3.21	2695	8.25 (7.30)	3.38	2420	2.46	**Blower Coil Unit** CB29M-41 (Multi-Position)	●Factory Installed
	30,200 (8.8)	30,000 (8.8)	20,200 (5.9)	2675	13.05 (11.30)	3.31	2650	8.75 (7.85)	3.46	2200	2.71	**Blower Coil Unit** CB30M-21/26 (Multi-Position) CB30U-21/26 (Up-Flow)	
	31,000 (9.1)	31,000 (9.1)	20,000 (5.9)	2585	13.70 (12.00)	3.52	2510	8.65 (7.60)	3.62	2285	2.56	**Blower Coil Unit** [2]CB30M-31 (Multi-Position) CB30U-31 (Up-Flow)	
	31,000 (9.1)	31,000 (9.1)	20,000 (5.9)	2605	13.70 (11.90)	3.49	2505	8.70 (7.60)	3.65	2295	2.56	**Blower Coil Unit** CB30M-41 (Multi-Position) CB30U-41/46 (Up-Flow)	
	31,000 (9.1)	31,000 (9.1)	20,000 (5.9)	2615	13.70 (11.85)	3.47	2510	8.65 (7.55)	3.63	2300	2.55	**Blower Coil Unit** CB30M-46 (Multi-Position)	
	31,400 (9.2)	30,600 (9.0)	19,600 (5.7)	2480	14.70 (12.65)	3.71	2380	8.85 (7.75)	3.79	2170	2.65	**Blower Coil Unit** CB31MV-41 (Multi-Position)	
	29,600 (8.7)	31,000 (9.1)	20,200 (5.9)	2680	12.75 (11.05)	3.24	2675	8.50 (7.75)	3.41	2215	2.68	[1]**Blower Coil Unit** CVP10-31/EC10Q3	
	30,000 (8.8)	30,000 (8.8)	20,200 (5.9)	2685	13.05 (11.20)	3.28	2630	8.35 (7.35)	3.48	2395	2.48	[1]**Blower Coil Unit** CVP10-41/EC10Q3 (Up-Flow) CVP10-46/EC10Q4 (Up-Flow)	
	30,600 (9.0)	30,600 (9.0)	20,200 (5.9)	2685	13.05 (11.40)	3.34	2630	8.40 (7.40)	3.49	2390	2.49	**Indoor Coil (▲FM21)** C26-31 (Up-Flow)	
	30,600 (9.0)	30,600 (9.0)	20,200 (5.9)	2685	13.05 (11.40)	3.34	2605	8.50 (7.45)	3.53	2380	2.50	**Indoor Coil (▲FM21)** C33-38A/B (Up-Flow)	LB-85759F **(56J19)**
												C26-41 (Up-Flow)	●Factory Installed
	30,800 (9.0)	30,600 (9.0)	20,000 (5.9)	2685	13.05 (11.45)	3.36	2615	8.50 (7.50)	3.50	2410	2.45	**Indoor Coil (▲FM21)** C33-48B/C (Up-Flow)	LB-85759F **(56J19)**
												C26-46 (Up-Flow)	●Factory Installed
	30,600 (9.0)	30,600 (9.0)	20,200 (5.9)	2685	13.05 (11.40)	3.34	2600	8.35 (7.30)	3.53	2360	2.53	**Indoor Coil (▲FM21)** CR26-41 (Down-Flow)	
	30,000 (8.8)	30,000 (8.8)	20,000 (5.9)	2685	12.80 (11.20)	3.28	2645	8.30 (7.35)	3.45	2400	2.46	**Indoor Coil (▲FM21)** CH33-36A-F (Horizontal) CH23-41 (Horizontal)	LB-85759F **(56J19)**
	30,600 (9.0)	31,200 (9.1)	20,200 (5.9)	2685	13.05 (11.40)	3.34	2600	8.45 (7.40)	3.52	2375	2.49	**Indoor Coil (▲FM21)** CH33-42B-F (Horizontal) CH23-51 (Horizontal)	
	30,800 (9.0)	31,200 (9.1)	20,200 (5.9)	2685	13.05 (11.45)	3.36	2570	8.55 (7.50)	3.58	2355	2.52	**Indoor Coil (▲FM21)** CH23-65 (Horizontal)	
3 Ton HP26-036 (74 db)	35,000 (10.3)	35,000 (10.3)	23,200 (6.8)	3120	13.20 (11.20)	3.28	3030	8.10 (7.25)	3.51	2695	2.53	**Blower Coil Unit** CB30M-31 (Multi-Position) CB30U-31 (Up-Flow)	●Factory Installed
	35,200 (10.3)	35,000 (10.3)	23,400 (6.9)	3225	12.90 (10.90)	3.19	3130	8.20 (7.05)	3.42	2805	2.46	**Blower Coil Unit** CB29M-46 (Multi-Position)	
	35,400 (10.4)	35,400 (10.4)	23,800 (7.0)	3330	12.40 (10.65)	3.12	3210	7.80 (7.00)	3.37	2895	2.42	**Blower Coil Unit** CB29M-51 (Multi-Position)	
	35,600 (10.4)	35,600 (10.4)	23,400 (6.9)	3175	13.20 (11.20)	3.28	3005	8.20 (7.30)	3.55	2705	2.53	**Blower Coil Unit** [2]CB30M-41 (Multi-Position) CB30U-41/46 (Up-Flow)	
	35,800 (10.5)	35,800 (10.5)	23,200 (6.8)	3120	13.50 (11.45)	3.36	2940	8.25 (7.30)	3.62	2675	2.56	**Blower Coil Unit** CB30M-46 (Multi-Position)	
	36,200 (10.6)	35,800 (10.5)	22,800 (6.7)	3050	14.05 (12.00)	3.47	2860	8.50 (7.45)	3.69	2570	2.62	**Blower Coil Unit** CB31MV-41 (Multi-Position)	
	34,000 (10.0)	34,000 (10.0)	23,400 (6.9)	3210	12.40 (12.00)	3.11	3160	7.75 (7.00)	3.36	2820	2.43	**Blower Coil Unit** CVP10-31/EC10Q3 (Up-Flow)	
	34,600 (10.1)	36,400 (10.7)	23,400 (6.9)	3215	12.65 (10.75)	3.15	3105	8.00 (7.00)	3.44	2790	2.47	[1]**Blower Coil Unit** CVP10-41/EC10Q3 (Up-Flow) CVP10-46/EC10Q4 (Up-Flow)	
	35,200 (10.3)	35,200 (10.3)	23,400 (6.9)	3220	12.80 (10.90)	3.19	3140	7.85 (7.00)	3.39	2815	2.44	**Indoor Coil (▲FM21)** C26-31 (Up-Flow)	
	35,600 (10.4)	35,600 (10.4)	23,400 (6.9)	3225	12.80 (11.05)	3.24	3110	8.00 (7.10)	3.43	2795	2.46	**Indoor Coil (▲FM21)** C33-38A/B (Up-Flow)	LB-85759F **(56J19)**
												C26-41 (Up-Flow)	●Factory Installed
	35,800 (10.5)	35,800 (10.5)	23,200 (6.8)	3225	13.05 (11.10)	3.25	3130	7.80 (7.00)	3.39	2815	2.42	**Indoor Coil (▲FM21)** C33-48B/C (Up-Flow)	LB-85759F **(56J19)**
												C26-46 (Up-Flow)	●Factory Installed
	34,400 (10.1)	34,400 (10.1)	22,800 (6.7)	3225	12.55 (10.65)	3.12	3090	7.80 (6.95)	3.37	2780	2.42	**Indoor Coil (▲FM21)** CR26-51 (Down-Flow)	
	35,400 (10.4)	35,400 (10.4)	23,600 (6.9)	3265	12.80 (10.85)	3.18	3090	8.00 (7.15)	3.48	2800	2.48	**Indoor Coil (▲FM21)** CR26-41 (Down-Flow)	
	34,800 (10.2)	34,800 (10.2)	23,200 (6.8)	3220	12.70 (10.80)	3.17	3165	7.75 (6.95)	3.35	2830	2.41	**Indoor Coil (▲FM21)** CH33-36A-F (Horizontal) CH23-41 (Horizontal)	LB-85759F **(56J19)**
	35,600 (10.4)	35,600 (10.4)	23,200 (6.8)	3225	13.05 (11.05)	3.24	3100	7.80 (7.05)	3.43	2795	2.45	**Indoor Coil (▲FM21)** CH33-42B-F (Horizontal) CH23-51 (Horizontal)	
	36,000 (10.5)	36,000 (10.5)	23,400 (6.9)	3230	13.10 (11.15)	3.27	3055	8.00 (7.15)	3.50	2765	2.48	**Indoor Coil (▲FM21)** CH23-65 (Horizontal)	

*Sound Rating Number in accordance with test conditions included in ARI Standard 270.
★Certified in accordance with USE certification program which is based on ARI Standard 210/240 with 25 ft. (7.6 m) of connecting refrigerant lines;
Cooling Ratings — 95°F (35°C) outdoor air temperature and 80°F (27°C) db/67°F (19°C) wb entering indoor coil air.
High Temperature Heating Ratings — 47°F (8°C) db/43°F (6°C) wb outdoor air temperature and 70°F (21°C) db entering indoor coil air.
Low Temperature Heating Ratings — 17°F db/15°F wb outdoor air temperature and 70°F (21°C) db entering indoor coil air.
●Furnished as standard with coil unit. **Kit is required and must be ordered extra, unless shown as factory installed.
▲FM21 Heat Pump Control - Use coil listed with any Lennox furnace that meets system design requirements. See FM21 page in this section for additional data.
[1]Canada Only [2]Most popular blower coil combination.

ARI RATINGS

Unit Size Model No. *Sound Rating No.	★ARI Standard 210/240 Ratings											Indoor Units	**Check and Expansion Valve Kit Required
	Cool. Cap. Btuh (kW)	High Htg. Cap. Btuh (kW)	Low Htg. Cap. Btuh (kW)	Total Cool. Watts	SEER (EER)	Cool. C.O.P.	Total High Htg. Watts	HSPF Region IV (Region V)	High Htg. C.O.P.	Total Low Htg. Watts	Low Htg. C.O.P.		
3.5 Ton HP26-042 (74 db)	40,500 (11.9)	40,000 (11.7)	26,400 (7.7)	3970	12.05 (10.25)	3.00	3840	7.85 (7.10)	3.09	3470	2.24	**Blower Coil Unit** CB29M-46 (Multi-Position)	●Factory Installed
	40,500 (11.9)	42,000 (12.3)	27,800 (8.1)	3930	12.05 (10.40)	3.05	3910	7.80 (7.05)	3.17	3455	2.36	**Blower Coil Unit** CB29M-51 (Multi-Position)	
	40,500 (11.9)	40,500 (11.9)	27,200 (8.0)	3735	12.70 (10.95)	3.21	3645	8.20 (7.35)	3.37	3240	2.47	**Blower Coil Unit** CB30M-41 (Multi-Position) CB30U-41/46 (Up-Flow)	
	40,500 (11.9)	40,500 (11.9)	26,800 (7.9)	3730	12.75 (10.95)	3.21	3630	8.35 (7.40)	3.33	3245	2.43	**Blower Coil Unit** [2]CB30M-46 (Multi-Position)	
	41,000 (12.0)	41,200 (12.1)	27,200 (8.0)	3855	12.40 (10.70)	3.14	3830	7.85 (7.05)	3.20	3375	2.37	**Blower Coil Unit** CB29M-65 (Multi-Position)	
	41,000 (12.0)	41,000 (12.0)	26,800 (7.9)	3680	13.05 (11.20)	3.28	3560	8.20 (7.35)	3.39	3170	2.49	**Blower Coil Unit** CB31MV-41 (Multi-Position)	
	42,000 (12.3)	41,500 (12.2)	27,000 (7.9)	3725	13.05 (11.25)	3.30	3575	8.25 (7.30)	3.43	3230	2.46	**Blower Coil Unit** CB30M-51 (Multi-Position) CB30U-51 (Up-Flow)	
	40,500 (11.9)	42,500 (12.4)	26,400 (7.7)	3625	13.65 (11.75)	3.44	3450	8.30 (7.40)	3.48	3115	2.50	**Blower Coil Unit** CB31MV-51 (Multi-Position)	
	40,200 (11.8)	42,500 (12.4)	27,400 (8.0)	3840	12.10 (10.45)	3.06	3780	8.00 (7.15)	3.23	3325	2.42	[1]**Blower Coil Unit** CVP10-41/EC10Q3 (Up-Flow)	
	40,200 (11.8)	41,600 (12.2)	27,400 (8.0)	3840	12.10 (10.45)	3.06	3780	8.00 (7.15)	3.23	3325	2.42	[1]**Blower Coil Unit** CVP10-46/EC10Q4 (Up-Flow)	
	40,500 (11.9)	40,200 (11.8)	27,200 (8.0)	3820	12.30 (10.65)	3.12	3805	7.85 (7.10)	3.19	3365	2.38	**Indoor Coil (▲FM21)** C33-38A/B (Up-Flow)	LB-85759G **(56J20)**
												C26-41 (Up-Flow)	●Factory Installed
	41,000 (12.0)	41,000 (12.0)	27,000 (7.9)	3825	12.40 (10.75)	3.15	3830	7.70 (6.95)	3.17	3415	2.33	**Indoor Coil (▲FM21)** C26-46 (Up-Flow)	
												C33-48B/C (Up-Flow)	LB-85759G **(56J20)**
	41,500 (12.2)	41,000 (12.0)	27,000 (7.9)	3830	12.60 (10.90)	3.19	3770	7.80 (7.05)	3.22	3385	2.35	**Indoor Coil (▲FM21)** C33-50C (Up-Flow)	
												C26-51/65 (Up-Flow)	●Factory Installed
	40,000 (11.7)	40,000 (11.7)	27,400 (8.0)	3860	12.25 (10.45)	3.06	3780	8.00 (7.20)	3.24	3310	2.43	**Indoor Coil (▲FM21)** CR26-41 (Down-Flow)	
	41,000 (12.0)	41,000 (12.0)	27,000 (7.9)	3830	12.50 (10.75)	3.15	3835	7.75 (7.05)	3.16	3375	2.36	**Indoor Coil (▲FM21)** CR26-51 (Down-Flow)	
	42,000 (12.3)	41,000 (12.0)	27,000 (7.9)	3840	12.80 (11.05)	3.24	3700	8.00 (7.20)	3.29	3295	2.41	**Indoor Coil (▲FM21)** CR26-65 (Down-Flow)	
	40,000 (11.7)	41,000 (12.0)	27,000 (7.9)	3820	12.20 (10.55)	3.09	3895	7.70 (7.00)	3.10	3375	2.36	**Indoor Coil (▲FM21)** CH23-41 (Horizontal)	LB-85759G **(56J20)**
	41,000 (12.0)	41,000 (12.0)	27,200 (8.0)	3825	12.40 (10.75)	3.15	3795	8.00 (7.15)	3.20	3330	2.40	**Indoor Coil (▲FM21)** CH33-42B-F (Horizontal) CH23-51 (Horizontal)	
	41,500 (12.2)	41,000 (12.0)	27,200 (8.0)	3830	12.50 (10.85)	3.18	3720	8.05 (7.25)	3.29	3285	2.44	**Indoor Coil (▲FM21)** CH33-48C-F (Horizontal) CH23-65 (Horizontal)	
4 Ton HP26-048 (76 db)	46,000 (13.5)	46,000 (13.5)	30,000 (8.8)	4370	12.40 (10.60)	3.11	4310	7.70 (6.90)	3.14	3785	2.33	**Blower Coil Unit** CB30M-46 (Multi-Position)	●Factory Installed
	47,000 (13.8)	46,500 (13.6)	30,800 (9.0)	4635	11.80 (10.15)	2.97	4600	7.40 (6.65)	2.99	4080	2.22	**Blower Coil Unit** CB29M-51 (Multi-Position)	
	47,000 (13.8)	46,000 (13.5)	30,400 (8.9)	4535	12.20 (10.45)	3.06	4495	7.45 (6.70)	3.03	3970	2.24	**Blower Coil Unit** CB29M-65 (Multi-Position)	
	47,500 (13.9)	45,500 (13.3)	29,600 (8.7)	4310	13.20 (11.10)	3.25	4090	8.00 (7.00)	3.27	3665	2.37	**Blower Coil Unit** CB31MV-51 (Multi-Position)	
	48,000 (14.1)	46,000 (13.5)	30,000 (8.8)	4440	12.60 (10.85)	3.18	4230	7.75 (6.90)	3.19	3800	2.32	**Blower Coil Unit** [2]CB30M-51 (Multi-Position) CB30U-51 (Up-Flow)	
	49,000 (14.3)	45,000 (13.2)	29,400 (8.6)	4325	13.20 (11.35)	3.33	4095	7.85 (6.95)	3.25	3670	2.35	**Blower Coil Unit** CB31MV-65 (Multi-Position)	
	49,200 (14.4)	45,500 (13.3)	28,800 (8.4)	4415	12.80 (11.15)	3.27	4235	7.80 (6.90)	3.16	3770	2.25	**Blower Coil Unit** CB30M-65 (Multi-Position) CB30U-65 (Up-Flow)	
	45,800 (13.4)	45,000 (13.2)	30,200 (8.8)	4455	12.00 (10.30)	3.02	4445	7.50 (6.75)	3.07	3980	2.23	[1]**Blower Coil Unit** CVP10-46/EC10Q4 (Up-Flow)	
	46,000 (13.5)	45,500 (13.3)	30,200 (8.8)	4460	12.00 (10.30)	3.02	4380	7.50 (6.50)	3.07	3980	2.23	[1]**Blower Coil Unit** CVP10-51/EC10Q4 (Up-Flow)	
	48,000 (14.0)	45,500 (13.3)	30,200 (8.8)	4495	12.50 (10.70)	3.14	4390	7.50 (6.70)	3.07	3975	2.23	**Indoor Coil (▲FM21)** C33-50C (Up-Flow)	LB-85759G **(56J20)**
												C26-51/65 (Up-Flow)	●Factory Installed
	49,500 (14.5)	46,000 (13.5)	30,000 (8.8)	4515	12.80 (11.00)	3.22	4320	7.50 (6.65)	3.13	3980	2.22	**Indoor Coil (▲FM21)** C33-62D (Up-Flow)	LB-85759G **(56J20)**
												C26-65EAP (Up-Flow)	●Factory Installed
	47,000 (13.8)	45,500 (13.3)	30,200 (8.8)	4485	12.20 (10.55)	3.10	4495	7.35 (6.65)	2.99	4005	2.22	**Indoor Coil (▲FM21)** CR26-51 (Down-Flow)	
	49,000 (14.3)	46,000 (13.5)	30,000 (8.8)	4510	12.60 (10.85)	3.18	4315	7.60 (6.80)	3.13	3890	2.27	**Indoor Coil (▲FM21)** CR26-65 (Down-Flow)	
	48,000 (14.0)	46,000 (13.5)	30,400 (8.9)	4495	12.40 (10.70)	3.14	4345	7.60 (6.85)	3.11	3890	2.29	**Indoor Coil (▲FM21)** CH33-44B-F (Horizontal) CH23-65 (Horizontal)	LB-85759G **(56J20)**
	49,000 (14.3)	46,000 (13.5)	30,400 (8.9)	4515	12.70 (10.95)	3.21	4195	7.85 (7.00)	3.24	3795	2.36	**Indoor Coil (▲FM21)** CH33-50C-F (Horizontal) CH23-68 (Horizontal)	

*Sound Rating Number in accordance with test conditions included in ARI Standard 270. [1]Canada Only [2]Most popular blower coil combination.

★Certified in accordance with USE certification program which is based on ARI Standard 210/240 with 25 ft. (7.6 m) of connecting refrigerant lines;
Cooling Ratings — 95°F (35°C) outdoor air temperature and 80°F (27°C) db/67°F (19°C) wb entering indoor coil air.
High Temperature Heating Ratings — 47°F (8°C) db/43°F (6°C) wb outdoor air temperature and 70°F (21°C) db entering indoor coil air.
Low Temperature Heating Ratings — 17°F db/15°F wb outdoor air temperature and 70°F (21°C) db entering indoor coil air.

●Furnished as standard with coil unit. **Kit is required and must be ordered extra, unless shown as factory installed.

▲FM21 Heat Pump Control - Use coil listed with any Lennox furnace that meets system design requirements. See FM21 page in this section for additional data.

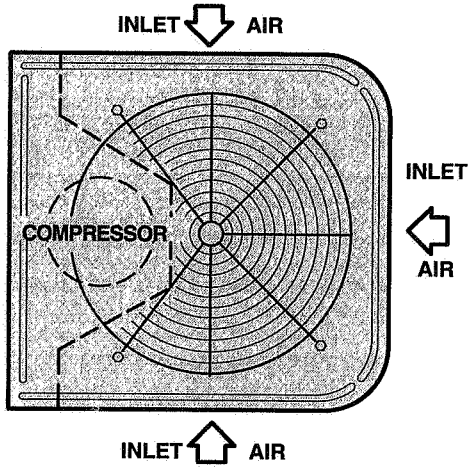
ARI RATINGS

Unit Size Model No. *Sound Rating No.	★ARI Standard 210/240 Ratings											Indoor Units	**Check and Expansion Valve Kit Required
	Cool. Cap. Btuh (kW)	High Htg. Cap. Btuh (kW)	Low Htg. Cap. Btuh (kW)	Total Cool. Watts	SEER (EER)	Cool. C.O.P.	Total High Htg. Watts	HSPF Region IV (Region V)	High Htg. C.O.P.	Total Low Htg. Watts	Low Htg. C.O.P.		
5 Ton HP26-060 (80 db)	55,000 (16.1)	53,500 (15.7)	35,200 (10.3)	5446	12.30 (10.10)	2.96	5058	7.45 (6.65)	3.10	4390	2.35	**Blower Coil Unit** CB31MV-51 (Multi-Position)	●Factory Installed
	56,000 (16.4)	53,000 (15.5)	35,200 (10.3)	5600	12.00 (10.00)	2.93	5178	7.5 (6.7)	3.00	4485	2.30	**Blower Coil Unit** CB30M-51 (Multi-Position) CB30U-51 (Up-Flow)	
	56,500 (16.5)	53,500 (15.7)	35,400 (10.4)	5381	12.50 (10.50)	3.08	5058	7.45 (6.65)	3.10	4359	2.38	**Blower Coil Unit** CB31MV-65 (Multi-Position)	
	57,500 (16.8)	54,000 (15.8)	35,400 (10.4)	5637	12.00 (10.20)	2.99	5275	(7.35) 6.55	3.00	4511	2.30	[2] **Blower Coil Unit** CB30M-65 (Multi-Position) CB30U-65 (Up-Flow)	
	55,000 (16.1)	54,000 (15.8)	35,800 (10.5)	5729	11.30 (9.60)	2.81	5105	7.35 (6.5)	3.10	4465	2.35	[1] **Blower Coil Unit** CVP10-51/EC10Q4 (Up-Flow)	
	57,000 (16.7)	54,500 (16.0)	35,800 (10.5)	5700	11.75 (10.00)	2.93	4992	7.35 (6.5)	3.20	4409	2.38	[1] **Blower Coil Unit** CVP10-65/EC10Q5 (Up-Flow)	
	59,000 (17.3)	54,500 (16.0)	35,800 (10.5)	5728	12.10 (10.30)	3.02	5324	7.45 (6.6)	3.00	4602	2.28	**Indoor Coil (▲FM21)** C33-62D (Up-Flow)	LB-85759G **(56J20)**
												C26-65EAP (Up-Flow)	●Factory Installed
	57,000 (16.7)	53,500 (15.7)	35,800 (10.5)	5758	11.50 (9.90)	2.90	5058	7.35 (6.55)	3.10	4562	2.30	**Indoor Coil (▲FM21)** CR26-65 (Down-Flow)	LB-85759G **(56J20)**
	59,000 (17.3)	55,000 (16.1)	35,800 (10.5)	5728	12.10 (10.30)	3.02	4945	7.65 (6.75)	3.26	4390	2.39	**Indoor Coil (▲FM21)** CH33-62D-F (Horizontal) CH23-68 (Horizontal)	

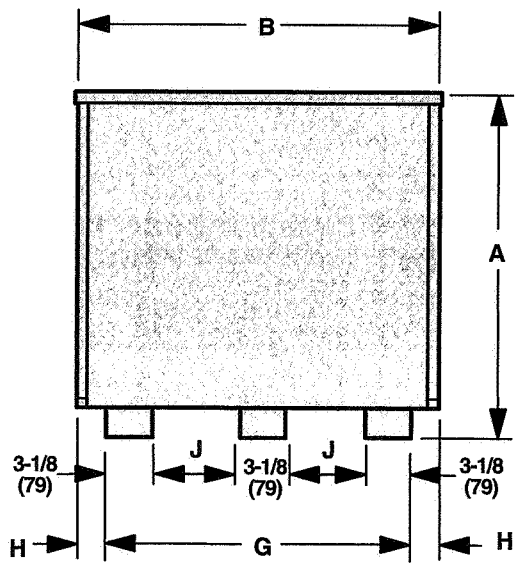
*Sound Rating Number in accordance with test conditions included in ARI Standard 270.
★Certified in accordance with USE certification program which is based on ARI Standard 210/240 with 25 ft. (7.6 m) of connecting refrigerant lines;
Cooling Ratings — 95°F (35°C) outdoor air temperature and 80°F (27°C) db/67°F (19°C) wb entering indoor coil air.
High Temperature Heating Ratings — 47°F (8°C) db/43°F (6°C) wb outdoor air temperature and 70°F (21°C) db entering indoor coil air.
Low Temperature Heating Ratings — 17°F db/15°F wb outdoor air temperature and 70°F (21°C) db entering indoor coil air.
●Furnished as standard with coil unit. **Kit is required and must be ordered extra, unless shown as factory installed.
▲FM21 Heat Pump Control - Use coil listed with any Lennox furnace that meets system design requirements. See FM21 page in this section for additional data.
[1] Canada Only [2] Most popular blower coil combination.

DIMENSIONS - INCHES (MM)

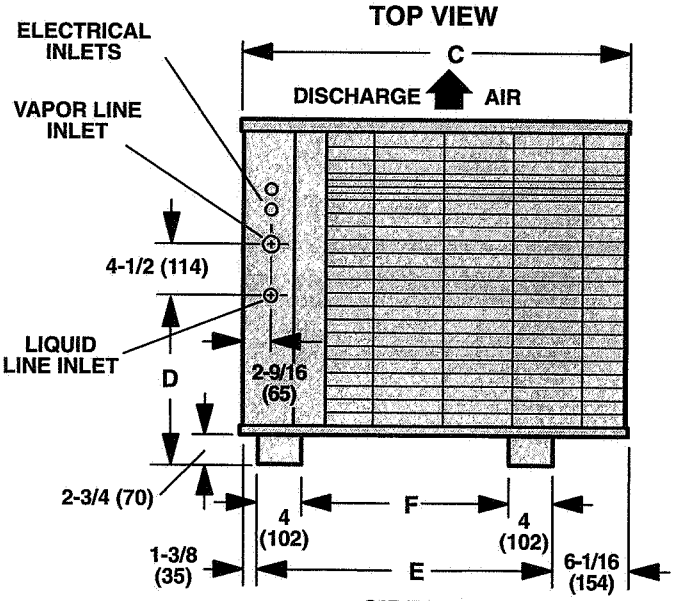
Model No.		A	B	C	D	E	F	G	H	J
HP26-018 HP26-024	in.	27-7/8	25-7/8	29-7/8	12-1/4	22-7/16	14-7/16	22-1/4	1-13/16	6-7/16
	mm	708	657	759	311	570	367	565	46	164
HP26-030 HP26-036	in.	30-7/8	32-1/8	34-1/16	12-3/4	26-5/8	18-5/8	27-5/8	2-1/4	9-1/8
	mm	784	816	865	324	676	473	702	57	232
HP26-042	in.	34-7/8	32-1/8	34-1/16	13-3/4	26-5/8	18-5/8	27-5/8	2-1/4	9-1/8
	mm	886	816	865	349	676	473	702	57	232
HP26-048 HP26-060	in.	44-7/8	32-1/8	34-1/16	14-1/4	26-5/8	18-5/8	27-5/8	2-1/4	9-1/8
	mm	1140	816	865	362	676	473	702	57	232



TOP VIEW



ACCESS VIEW



SIDE VIEW

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-018 — COOLING CAPACITY — CB29M-21/26

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	190	400	5.1	17,300	1240	.68	.79	.90	4.9	16,700	1420	.68	.80	.91	4.7	16,100	1620	.69	.81	.93	4.5	15,500	1850	.70	.83	.95
	285	600	5.5	18,800	1250	.75	.90	1.0	5.3	18,200	1430	.76	.91	1.0	5.1	17,500	1630	.78	.93	1.0	4.9	16,700	1860	.79	.95	1.0
	380	800	5.8	19,800	1260	.83	.98	1.0	5.6	19,200	1440	.85	.99	1.0	5.4	18,500	1640	.86	1.0	1.0	5.2	17,800	1860	.88	1.0	1.0
67°F (19°C)	190	400	5.5	18,600	1250	.54	.65	.75	5.3	18,000	1430	.54	.65	.76	5.1	17,300	1630	.55	.66	.77	4.9	16,600	1860	.55	.67	.79
	285	600	5.9	20,100	1270	.58	.72	.87	5.7	19,400	1440	.59	.73	.88	5.5	18,600	1650	.60	.75	.90	5.2	17,800	1870	.61	.76	.92
	380	800	6.1	20,800	1270	.63	.81	.96	5.9	20,100	1450	.64	.82	.98	5.7	19,300	1650	.65	.84	.99	5.4	18,400	1870	.66	.86	1.0
71°F (22°C)	190	400	5.9	20,000	1260	.42	.52	.62	5.7	19,300	1440	.42	.52	.63	5.5	18,600	1650	.42	.53	.63	5.2	17,900	1870	.42	.53	.64
	285	600	6.3	21,400	1280	.43	.57	.70	6.1	20,700	1460	.43	.57	.71	5.8	19,900	1660	.44	.58	.72	5.6	19,000	1880	.44	.59	.74
	380	800	6.5	22,200	1290	.45	.62	.78	6.3	21,400	1460	.45	.63	.80	6.0	20,600	1660	.46	.64	.82	5.7	19,600	1880	.46	.65	.84

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-018 — COOLING CAPACITY — CB29M-31

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	190	400	5.2	17,600	1260	.68	.79	.90	5.0	17,100	1440	.68	.80	.91	4.8	16,500	1640	.69	.81	.93	4.6	15,800	1870	.70	.83	.94
	285	600	5.6	19,100	1270	.75	.90	1.0	5.4	18,400	1450	.77	.91	1.0	5.2	17,800	1650	.78	.93	1.0	5.0	17,000	1880	.79	.95	1.0
	380	800	5.9	20,000	1280	.83	.99	1.0	5.7	19,400	1460	.84	.99	1.0	5.5	18,800	1660	.86	.99	1.0	5.3	18,100	1890	.88	1.0	1.0
67°F (19°C)	190	400	5.5	18,900	1270	.54	.65	.76	5.4	18,300	1450	.55	.66	.77	5.2	17,700	1650	.55	.66	.77	5.0	17,000	1880	.55	.67	.79
	285	600	5.9	20,300	1280	.58	.72	.86	5.7	19,600	1460	.59	.74	.88	5.5	18,900	1670	.60	.75	.89	5.3	18,100	1890	.60	.77	.92
	380	800	6.2	21,100	1290	.63	.81	.96	5.9	20,300	1470	.64	.82	.97	5.7	19,600	1670	.65	.84	.98	5.5	18,700	1900	.66	.86	.99
71°F (22°C)	190	400	5.9	20,300	1280	.42	.52	.62	5.7	19,600	1460	.42	.53	.63	5.6	19,000	1660	.42	.53	.63	5.3	18,200	1890	.42	.53	.64
	285	600	6.4	21,700	1290	.43	.57	.70	6.1	20,900	1470	.44	.57	.71	5.9	20,200	1680	.44	.58	.72	5.7	19,300	1900	.44	.59	.74
	380	800	6.6	22,400	1300	.45	.62	.79	6.3	21,600	1480	.45	.63	.80	6.1	20,800	1680	.46	.64	.81	5.8	19,900	1910	.46	.65	.84

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-018 — HEATING CAPACITY — CB29M-21/26

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
190	400	6.1	20,900	1580	4.8	16,300	1500	3.4	11,500	1410	2.4	8,200	1295	1.1	3,800	995
285	600	6.3	21,600	1370	5.0	17,000	1290	3.6	12,200	1200	2.6	8,900	1085	1.3	4,500	785
380	800	6.5	22,100	1270	5.1	17,500	1190	3.7	12,700	1100	2.8	9,400	985	1.5	5,000	685

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-018 — HEATING CAPACITY — CB29M-31

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
190	400	6.1	20,800	1560	4.7	16,200	1480	3.3	11,400	1395	2.4	8,100	1275	1.1	3,700	985
285	600	6.3	21,600	1350	5.0	17,000	1270	3.6	12,200	1185	2.6	8,900	1065	1.3	4,500	775
380	800	6.5	22,100	1250	5.1	17,500	1170	3.7	12,700	1085	2.8	9,400	965	1.5	5,000	675

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-018 — HEATING PERFORMANCE CB29M-21/26 at 600 cfm (285 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	1370	21,600	6.3
60	16	1350	20,500	6.0
55	13	1330	19,500	5.7
50	10	1315	18,400	5.4
47	8	1300	17,800	5.2
45	7	1290	17,000	5.0
40	4	1255	15,100	4.4
35	2	1225	13,100	3.8
30	-1	1215	12,700	3.7
25	-4	1200	12,200	3.6
20	-7	1190	11,800	3.5
17	-8	1185	11,500	3.4
15	-9	1180	11,100	3.3
10	-12	1160	10,000	2.9
5	-15	1085	8,900	2.6
0	-18	1010	7,800	2.3
-5	-21	935	6,700	2.0
-10	-23	860	5,600	1.6
-15	-26	785	4,500	1.3
-20	-29	710	3,500	1.0

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-018 — HEATING PERFORMANCE CB29M-31 at 600 cfm (285 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	1350	21,600	6.3
60	16	1330	20,500	6.0
55	13	1315	19,500	5.7
50	10	1295	18,400	5.4
47	8	1280	17,800	5.2
45	7	1270	17,000	5.0
40	4	1235	15,100	4.4
35	2	1205	13,100	3.8
30	-1	1195	12,700	3.7
25	-4	1185	12,200	3.6
20	-7	1175	11,800	3.5
17	-8	1165	11,500	3.4
15	-9	1160	11,100	3.3
10	-12	1140	10,000	2.9
5	-15	1065	8,900	2.6
0	-18	995	7,800	2.3
-5	-21	920	6,700	2.0
-10	-23	845	5,600	1.6
-15	-26	775	4,500	1.3
-20	-29	700	3,500	1.0

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-018 — COOLING CAPACITY — CB30M-21/26 — CB30U-21/26

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	190	400	5.4	18,300	1250	.67	.79	.90	5.2	17,700	1430	.68	.80	.91	5.0	17,000	1640	.69	.81	.92	4.8	16,300	1860	.70	.83	.95
	285	600	5.8	19,800	1270	.75	.90	1.0	5.6	19,200	1450	.76	.91	1.0	5.4	18,400	1650	.78	.93	1.0	5.2	17,600	1870	.79	.95	1.0
	380	800	6.1	20,900	1270	.83	.99	1.0	5.9	20,200	1450	.85	1.0	1.0	5.7	19,500	1660	.86	1.0	1.0	5.5	18,800	1880	.88	1.0	1.0
67°F (19°C)	190	400	5.7	19,600	1260	.54	.65	.75	5.6	19,000	1440	.54	.65	.76	5.4	18,300	1650	.55	.66	.78	5.1	17,500	1870	.55	.67	.78
	285	600	6.2	21,200	1280	.58	.72	.86	6.0	20,400	1460	.59	.74	.88	5.7	19,600	1660	.60	.75	.90	5.5	18,800	1880	.61	.77	.92
	380	800	6.4	22,000	1280	.63	.80	.96	6.2	21,200	1460	.64	.82	.98	6.0	20,400	1670	.65	.84	1.0	5.7	19,500	1890	.66	.86	1.0
71°F (22°C)	190	400	6.2	21,100	1280	.42	.52	.62	6.0	20,400	1460	.42	.52	.62	5.8	19,700	1660	.42	.53	.63	5.5	18,900	1880	.42	.53	.64
	285	600	6.6	22,600	1290	.43	.57	.70	6.4	21,800	1470	.44	.57	.71	6.2	21,000	1670	.44	.58	.72	5.9	20,100	1900	.44	.59	.74
	380	800	6.9	23,400	1300	.45	.62	.78	6.6	22,600	1480	.45	.63	.80	6.4	21,700	1680	.46	.64	.82	6.1	20,700	1900	.46	.65	.84

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-018 — COOLING CAPACITY — CB30M-31 — CB30U-31

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	190	400	5.4	18,500	1240	.67	.78	.90	5.2	17,900	1420	.68	.79	.91	5.0	17,200	1620	.69	.81	.92	4.8	16,500	1850	.70	.82	.94
	285	600	5.9	20,100	1260	.75	.90	1.0	5.7	19,400	1440	.76	.91	1.0	5.5	18,700	1640	.77	.93	1.0	5.2	17,900	1860	.79	.95	1.0
	380	800	6.2	21,200	1270	.83	.99	1.0	6.0	20,500	1450	.84	1.0	1.0	5.8	19,800	1640	.87	1.0	1.0	5.6	19,100	1870	.88	1.0	1.0
67°F (19°C)	190	400	5.8	19,900	1250	.54	.64	.75	5.6	19,200	1430	.54	.65	.76	5.4	18,500	1630	.55	.66	.77	5.2	17,800	1860	.55	.67	.79
	285	600	6.3	21,500	1270	.58	.72	.86	6.1	20,700	1450	.59	.73	.88	5.8	19,900	1650	.60	.75	.90	5.6	19,000	1870	.61	.77	.92
	380	800	6.6	22,400	1280	.63	.81	.96	6.3	21,600	1460	.64	.82	.98	6.1	20,700	1650	.65	.84	1.0	5.8	19,800	1880	.66	.86	1.0
71°F (22°C)	190	400	6.3	21,400	1270	.42	.52	.62	6.1	20,700	1450	.42	.52	.62	5.8	19,900	1650	.42	.53	.63	5.6	19,100	1870	.42	.53	.64
	285	600	6.7	23,000	1280	.43	.57	.70	6.5	22,200	1460	.43	.57	.71	6.2	21,300	1660	.44	.58	.72	6.0	20,400	1880	.44	.59	.74
	380	800	7.0	23,900	1290	.45	.62	.78	6.7	23,000	1470	.45	.63	.80	6.5	22,100	1670	.46	.64	.82	6.2	21,100	1890	.46	.65	.84

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-018 — HEATING CAPACITY — CB30M-21/26 — CB30U-21/26

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
190	400	6.2	21,200	1550	4.8	16,500	1465	3.4	11,600	1380	2.4	8,200	1265	1.1	3,800	975
285	600	6.4	21,900	1340	5.0	17,200	1255	3.6	12,300	1170	2.6	8,900	1055	1.3	4,500	765
380	800	6.6	22,400	1245	5.2	17,700	1160	3.8	12,800	1075	2.8	9,400	960	1.5	5,000	670

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-018 — HEATING CAPACITY — CB30M-31 — CB30U-31

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
190	400	6.2	21,200	1505	4.8	16,400	1425	3.3	11,400	1340	2.3	8,000	1230	1.1	3,700	945
285	600	6.4	22,000	1305	5.0	17,200	1225	3.6	12,200	1140	2.6	8,800	1030	1.3	4,500	745
380	800	6.6	22,500	1210	5.2	17,700	1130	3.7	12,700	1045	2.7	9,300	935	1.5	5,000	650

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-018 — HEATING PERFORMANCE
CB30M-21/26 - CB30U-21/26 at 600 cfm (285 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	1340	21,900	6.4
60	16	1320	20,800	6.1
55	13	1300	19,700	5.8
50	10	1280	18,700	5.5
47	8	1270	18,000	5.3
45	7	1255	17,200	5.0
40	4	1225	15,200	4.5
35	2	1190	13,200	3.9
30	-1	1180	12,800	3.8
25	-4	1170	12,300	3.6
20	-7	1160	11,800	3.5
17	-8	1155	11,500	3.4
15	-9	1145	11,100	3.3
10	-12	1125	10,000	2.9
5	-15	1055	8,900	2.6
0	-18	980	7,800	2.3
-5	-21	910	6,700	2.0
-10	-23	835	5,600	1.6
-15	-26	765	4,500	1.3
-20	-29	690	3,500	1.0

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-018 — HEATING PERFORMANCE
CB30M-31/CB30U-31 at 600 cfm (285 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	1305	22,000	6.4
60	16	1290	20,900	6.1
55	13	1270	19,800	5.8
50	10	1250	18,700	5.5
47	8	1240	18,000	5.3
45	7	1225	17,200	5.0
40	4	1195	15,200	4.5
35	2	1165	13,200	3.9
30	-1	1155	12,700	3.7
25	-4	1140	12,200	3.6
20	-7	1130	11,700	3.4
17	-8	1125	11,400	3.3
15	-9	1120	11,000	3.2
10	-12	1100	9,900	2.9
5	-15	1030	8,800	2.6
0	-18	960	7,700	2.3
-5	-21	890	6,600	1.9
-10	-23	815	5,600	1.6
-15	-26	745	4,500	1.3
-20	-29	675	3,400	1.0

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-018 — COOLING CAPACITY — CVP10-26/EC10Q3

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	190	400	5.1	17,500	1240	.67	.79	.89	5.0	16,900	1410	.68	.80	.91	4.8	16,300	1610	.69	.81	.93	4.6	15,600	1840	.70	.83	.94
	285	600	5.6	19,000	1250	.75	.89	1.0	5.4	18,400	1430	.76	.91	1.0	5.2	17,700	1630	.77	.93	1.0	5.0	16,900	1850	.79	.95	1.0
	380	800	5.9	20,000	1260	.83	.99	1.0	5.7	19,400	1430	.84	.99	1.0	5.5	18,700	1630	.86	1.0	1.0	5.3	18,000	1860	.87	1.0	1.0
67°F (19°C)	190	400	5.5	18,800	1250	.54	.64	.75	5.3	18,200	1420	.54	.65	.76	5.1	17,500	1620	.55	.66	.78	4.9	16,800	1850	.55	.67	.79
	285	600	5.9	20,300	1260	.58	.72	.86	5.7	19,600	1440	.59	.73	.87	5.5	18,800	1640	.60	.75	.89	5.3	18,000	1860	.61	.77	.92
	380	800	6.2	21,100	1270	.63	.81	.96	5.9	20,300	1440	.64	.82	.98	5.7	19,500	1640	.65	.84	.98	5.5	18,700	1860	.66	.86	1.0
71°F (22°C)	190	400	5.9	20,200	1260	.42	.52	.61	5.7	19,500	1440	.42	.52	.63	5.5	18,800	1630	.42	.53	.63	5.3	18,100	1860	.42	.53	.64
	285	600	6.4	21,700	1270	.43	.56	.70	6.1	20,900	1450	.44	.57	.71	5.9	20,100	1650	.44	.58	.73	5.7	19,300	1870	.44	.59	.74
	380	800	6.6	22,500	1280	.45	.61	.78	6.4	21,700	1460	.45	.63	.80	6.1	20,800	1650	.46	.64	.81	5.8	19,900	1880	.46	.65	.84

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-018 — COOLING CAPACITY — C26-21

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	190	400	5.2	17,600	1250	.68	.80	.90	5.0	17,000	1430	.69	.81	.92	4.8	16,400	1630	.70	.82	.93	4.6	15,800	1860	.71	.83	.95
	285	600	5.6	19,000	1260	.76	.90	1.0	5.4	18,400	1440	.77	.91	1.0	5.2	17,700	1640	.78	.93	1.0	5.0	17,000	1870	.80	.95	1.0
	380	800	5.9	20,000	1270	.83	.98	1.0	5.7	19,300	1450	.85	.99	1.0	5.5	18,700	1650	.86	1.0	1.0	5.3	18,000	1870	.89	1.0	1.0
67°F (19°C)	190	400	5.5	18,800	1260	.54	.65	.76	5.4	18,300	1440	.55	.66	.77	5.2	17,600	1640	.55	.66	.78	5.0	16,900	1870	.56	.67	.80
	285	600	5.9	20,200	1270	.58	.73	.87	5.7	19,500	1450	.59	.74	.89	5.5	18,800	1650	.60	.76	.90	5.3	18,000	1880	.61	.77	.92
	380	800	6.1	20,900	1270	.63	.81	.96	5.9	20,200	1450	.64	.83	.97	5.7	19,400	1660	.65	.85	.99	5.5	18,600	1880	.66	.87	1.0
71°F (22°C)	190	400	5.9	20,200	1270	.42	.52	.62	5.7	19,600	1450	.42	.53	.63	5.5	18,900	1650	.42	.53	.64	5.3	18,100	1880	.43	.54	.65
	285	600	6.3	21,500	1280	.43	.57	.71	6.1	20,800	1460	.43	.58	.72	5.9	20,000	1660	.44	.59	.74	5.6	19,200	1890	.44	.59	.75
	380	800	6.5	22,200	1290	.45	.62	.79	6.3	21,500	1470	.46	.63	.80	6.1	20,700	1670	.46	.64	.82	5.8	19,800	1890	.46	.66	.84

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-018 — HEATING CAPACITY — CVP10-26/EC10Q3

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
190	400	6.1	20,700	1600	4.7	16,200	1475	3.4	11,600	1340	2.4	8,300	1195	1.1	3,700	925
285	600	6.4	21,700	1420	5.0	17,200	1295	3.7	12,600	1160	2.7	9,300	1015	1.4	4,700	745
380	800	6.4	21,900	1300	5.1	17,400	1175	3.8	12,800	1040	2.8	9,500	895	1.4	4,900	625

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-018 — HEATING CAPACITY — C26-21

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
190	400	6.1	20,800	1570	4.7	16,200	1490	3.3	11,400	1405	2.4	8,100	1285	1.1	3,700	990
285	600	6.3	21,600	1360	5.0	17,000	1280	3.6	12,200	1195	2.6	8,900	1075	1.3	4,500	780
380	800	6.5	22,100	1260	5.1	17,500	1180	3.7	12,700	1095	2.8	9,400	975	1.5	5,000	680

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-018 — HEATING PERFORMANCE CVP10-26/EC10Q3 at 600 cfm (285 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	1420	21,700	6.4
60	16	1390	20,600	6.0
55	13	1360	19,600	5.7
50	10	1330	18,600	5.5
47	8	1310	18,000	5.3
45	7	1295	17,200	5.0
40	4	1250	15,300	4.5
35	2	1205	13,400	3.9
30	-1	1185	13,000	3.8
25	-4	1160	12,600	3.7
20	-7	1140	12,100	3.5
17	-8	1125	11,900	3.5
15	-9	1115	11,500	3.4
10	-12	1085	10,500	3.1
5	-15	1015	9,300	2.7
0	-18	945	8,200	2.4
-5	-21	880	7,000	2.1
-10	-23	810	5,900	1.7
-15	-26	745	4,700	1.4
-20	-29	675	3,600	1.1

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-018 — HEATING PERFORMANCE C26-21 at 600 cfm (285 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	1360	21,600	6.3
60	16	1340	20,500	6.0
55	13	1325	19,500	5.7
50	10	1305	18,400	5.4
47	8	1290	17,800	5.2
45	7	1280	17,000	5.0
40	4	1245	15,100	4.4
35	2	1215	13,100	3.8
30	-1	1205	12,700	3.7
25	-4	1195	12,200	3.6
20	-7	1185	11,800	3.5
17	-8	1175	11,500	3.4
15	-9	1170	11,100	3.3
10	-12	1150	10,000	2.9
5	-15	1075	8,900	2.6
0	-18	1000	7,800	2.3
-5	-21	930	6,700	2.0
-10	-23	855	5,600	1.6
-15	-26	780	4,500	1.3
-20	-29	705	3,500	1.0

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-018 — COOLING CAPACITY — C33-24A/B - C26-26

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	190	400	5.3	18,100	1250	.67	.79	.90	5.1	17,500	1420	.68	.80	.91	5.0	16,900	1630	.70	.81	.92	4.7	16,200	1850	.70	.83	.94
	285	600	5.7	19,600	1260	.75	.90	1.0	5.5	18,900	1430	.77	.92	1.0	5.3	18,200	1640	.78	.93	1.0	5.1	17,500	1860	.79	.95	1.0
	380	800	6.0	20,600	1270	.83	.99	1.0	5.9	20,000	1440	.85	1.0	1.0	5.7	19,300	1650	.86	1.0	1.0	5.5	18,600	1870	.89	1.0	1.0
67°F (19°C)	190	400	5.7	19,400	1250	.54	.65	.75	5.5	18,800	1430	.54	.65	.77	5.3	18,100	1640	.55	.66	.78	5.1	17,400	1860	.55	.67	.79
	285	600	6.1	20,800	1270	.59	.73	.87	5.9	20,100	1450	.59	.74	.89	5.7	19,400	1650	.60	.75	.90	5.4	18,500	1870	.61	.77	.92
	380	800	6.3	21,600	1270	.63	.81	.96	6.1	20,900	1450	.64	.82	.98	5.9	20,100	1660	.66	.84	.99	5.6	19,200	1880	.66	.86	1.0
71°F (22°C)	190	400	6.1	20,800	1270	.42	.52	.62	5.9	20,200	1450	.42	.52	.63	5.7	19,400	1650	.42	.53	.63	5.5	18,600	1870	.42	.54	.65
	285	600	6.5	22,300	1280	.43	.57	.70	6.3	21,500	1460	.43	.58	.72	6.1	20,700	1660	.43	.58	.73	5.8	19,800	1880	.44	.60	.75
	380	800	6.7	23,000	1290	.45	.62	.79	6.5	22,200	1470	.45	.63	.80	6.3	21,400	1670	.46	.64	.82	6.0	20,400	1890	.47	.66	.84

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-018 — COOLING CAPACITY — C26-31

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	190	400	5.5	18,700	1260	.67	.79	.90	5.3	18,100	1440	.68	.80	.91	5.1	17,400	1640	.69	.81	.93	4.9	16,700	1870	.69	.82	.94
	285	600	5.9	20,300	1270	.75	.90	1.0	5.7	19,600	1450	.76	.91	1.0	5.5	18,900	1660	.78	.93	1.0	5.3	18,100	1880	.79	.95	1.0
	380	800	6.3	21,400	1280	.83	.99	1.0	6.1	20,700	1460	.85	1.0	1.0	5.9	20,000	1660	.86	1.0	1.0	5.6	19,200	1890	.89	1.0	1.0
67°F (19°C)	190	400	5.9	20,100	1270	.54	.65	.75	5.7	19,400	1450	.54	.65	.76	5.5	18,700	1650	.55	.66	.78	5.2	17,900	1880	.55	.67	.78
	285	600	6.4	21,700	1280	.58	.72	.86	6.1	20,900	1460	.59	.74	.88	5.9	20,100	1670	.60	.75	.90	5.6	19,200	1890	.60	.77	.92
	380	800	6.6	22,600	1290	.63	.81	.96	6.4	21,700	1470	.64	.82	.98	6.1	20,900	1670	.65	.84	.99	5.9	20,000	1900	.66	.86	1.0
71°F (22°C)	190	400	6.3	21,600	1280	.42	.52	.62	6.1	20,900	1460	.42	.52	.62	5.9	20,100	1670	.42	.53	.63	5.7	19,300	1890	.42	.53	.64
	285	600	6.8	23,200	1300	.43	.56	.70	6.6	22,400	1480	.43	.57	.71	6.3	21,500	1680	.44	.58	.73	6.0	20,600	1900	.44	.59	.74
	380	800	7.1	24,100	1300	.45	.62	.78	6.8	23,200	1480	.45	.63	.80	6.5	22,300	1690	.46	.64	.82	6.2	21,300	1910	.46	.65	.84

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-018 — HEATING CAPACITY — C33-24A-B - C26-26

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
190	400	6.2	21,200	1595	4.8	16,500	1500	3.4	11,600	1405	2.4	8,200	1275	1.1	3,800	985
285	600	6.4	21,900	1390	5.0	17,200	1295	3.6	12,300	1200	2.6	8,900	1070	1.3	4,500	780
380	800	6.6	22,400	1295	5.2	17,700	1200	3.8	12,800	1105	2.8	9,400	975	1.5	5,000	685

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-018 — HEATING CAPACITY — C26-31

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
190	400	6.2	21,100	1510	4.8	16,400	1450	3.4	11,500	1390	2.4	8,100	1290	1.1	3,700	985
285	600	6.4	21,900	1305	5.0	17,200	1245	3.6	12,300	1185	2.6	8,900	1085	1.3	4,500	780
380	800	6.6	22,400	1210	5.2	17,700	1150	3.8	12,800	1090	2.8	9,400	990	1.5	5,000	685

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-018 — HEATING PERFORMANCE
C33-24A/B - C26-26 at 600 cfm (285 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	1390	21,900	6.4
60	16	1370	20,800	6.1
55	13	1345	19,700	5.8
50	10	1325	18,700	5.5
47	8	1310	18,000	5.3
45	7	1295	17,200	5.0
40	4	1260	15,200	4.5
35	2	1225	13,200	3.9
30	-1	1210	12,800	3.8
25	-4	1200	12,300	3.6
20	-7	1185	11,800	3.5
17	-8	1175	11,500	3.4
15	-9	1170	11,100	3.3
10	-12	1145	10,000	2.9
5	-15	1070	8,900	2.6
0	-18	1000	7,800	2.3
-5	-21	925	6,700	2.0
-10	-23	855	5,600	1.6
-15	-26	780	4,500	1.3
-20	-29	705	3,500	1.0

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-018 — HEATING PERFORMANCE
C26-31 at 600 cfm (285 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	1305	21,900	6.4
60	16	1295	20,800	6.1
55	13	1280	19,700	5.8
50	10	1265	18,700	5.5
47	8	1260	18,000	5.3
45	7	1245	17,200	5.0
40	4	1220	15,200	4.5
35	2	1195	13,200	3.9
30	-1	1190	12,800	3.8
25	-4	1185	12,300	3.6
20	-7	1180	11,800	3.5
17	-8	1175	11,500	3.4
15	-9	1170	11,100	3.3
10	-12	1160	10,000	2.9
5	-15	1085	8,900	2.6
0	-18	1005	7,800	2.3
-5	-21	930	6,700	2.0
-10	-23	855	5,600	1.6
-15	-26	780	4,500	1.3
-20	-29	705	3,500	1.0

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-018 — COOLING CAPACITY — CR26-21

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	190	400	5.1	17,300	1230	.67	.79	.90	4.9	16,700	1410	.68	.80	.91	4.7	16,100	1610	.69	.81	.93	4.5	15,500	1840	.70	.83	.94
	285	600	5.5	18,600	1240	.74	.89	.99	5.3	18,000	1420	.75	.91	1.0	5.1	17,400	1620	.76	.91	1.0	4.9	16,700	1850	.78	.93	1.0
	380	800	5.7	19,500	1250	.81	.97	1.0	5.5	18,900	1430	.83	.98	1.0	5.4	18,300	1630	.84	.99	1.0	5.2	17,600	1850	.87	1.0	1.0
67°F (19°C)	190	400	5.4	18,500	1240	.54	.65	.75	5.3	18,000	1420	.54	.65	.77	5.1	17,300	1620	.55	.66	.77	4.9	16,600	1840	.55	.67	.79
	285	600	5.8	19,900	1250	.58	.72	.85	5.6	19,200	1430	.58	.73	.87	5.4	18,500	1630	.59	.74	.88	5.2	17,700	1850	.60	.76	.90
	380	800	6.0	20,600	1260	.62	.79	.94	5.8	19,900	1440	.63	.80	.96	5.6	19,100	1640	.64	.82	.97	5.4	18,300	1860	.65	.84	.98
71°F (22°C)	190	400	5.8	19,900	1250	.42	.52	.62	5.6	19,200	1430	.42	.53	.63	5.5	18,600	1630	.42	.53	.63	5.2	17,800	1850	.42	.53	.65
	285	600	6.2	21,200	1260	.43	.56	.69	6.0	20,500	1440	.43	.57	.70	5.8	19,800	1640	.43	.58	.72	5.5	18,900	1860	.44	.59	.74
	380	800	6.4	21,900	1270	.45	.61	.77	6.2	21,200	1450	.45	.62	.78	6.0	20,400	1650	.45	.63	.80	5.7	19,500	1870	.46	.64	.82

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-018 — COOLING CAPACITY — CR26-31

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	190	400	5.4	18,300	1250	.68	.79	.90	5.2	17,700	1420	.68	.80	.91	5.0	17,100	1630	.69	.81	.93	4.8	16,400	1850	.70	.82	.94
	285	600	5.8	19,800	1260	.75	.90	1.0	5.6	19,200	1440	.76	.91	1.0	5.4	18,500	1640	.78	.92	1.0	5.2	17,700	1860	.79	.95	1.0
	380	800	6.1	20,900	1270	.83	.98	1.0	5.9	20,200	1440	.84	1.0	1.0	5.7	19,500	1650	.86	1.0	1.0	5.5	18,800	1870	.88	1.0	1.0
67°F (19°C)	190	400	5.8	19,700	1260	.54	.64	.75	5.6	19,000	1430	.54	.65	.76	5.4	18,300	1640	.55	.66	.78	5.2	17,600	1860	.55	.67	.79
	285	600	6.2	21,200	1270	.58	.72	.86	6.0	20,400	1450	.59	.74	.88	5.7	19,600	1650	.60	.75	.89	5.5	18,800	1870	.61	.77	.92
	380	800	6.4	22,000	1280	.63	.80	.96	6.2	21,200	1460	.64	.82	.97	6.0	20,400	1650	.65	.84	.99	5.7	19,500	1880	.66	.86	1.0
71°F (22°C)	190	400	6.2	21,100	1270	.42	.52	.62	6.0	20,400	1450	.42	.52	.63	5.8	19,700	1650	.42	.53	.63	5.5	18,900	1870	.42	.53	.64
	285	600	6.6	22,600	1280	.43	.57	.70	6.4	21,800	1460	.43	.57	.71	6.2	21,000	1660	.44	.58	.72	5.9	20,100	1880	.44	.59	.74
	380	800	6.9	23,400	1290	.45	.62	.78	6.6	22,600	1470	.45	.62	.80	6.4	21,700	1670	.46	.64	.82	6.1	20,700	1890	.46	.65	.84

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-018 — HEATING CAPACITY — CR26-21

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
190	400	6.2	21,000	1655	4.7	16,200	1555	3.3	11,200	1445	2.3	7,800	1310	1.0	3,500	1015
285	600	6.4	22,000	1435	5.0	17,200	1335	3.6	12,200	1225	2.6	8,800	1090	1.3	4,500	795
380	800	6.5	22,300	1330	5.1	17,500	1230	3.7	12,500	1120	2.7	9,100	985	1.4	4,800	690

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-018 — HEATING CAPACITY — CR26-31

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
190	400	6.1	20,900	1530	4.8	16,300	1460	3.4	11,500	1380	2.4	8,100	1270	1.1	3,800	975
285	600	6.3	21,600	1325	5.0	17,000	1255	3.6	12,200	1175	2.6	8,800	1065	1.3	4,500	770
380	800	6.5	22,100	1230	5.1	17,500	1160	3.7	12,700	1080	2.7	9,300	970	1.5	5,000	675

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-018 — HEATING PERFORMANCE CR26-21 at 600 cfm (285 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	1435	22,000	6.4
60	16	1410	20,900	6.1
55	13	1385	19,800	5.8
50	10	1365	18,700	5.5
47	8	1350	18,000	5.3
45	7	1335	17,200	5.0
40	4	1295	15,100	4.4
35	2	1255	13,100	3.8
30	-1	1240	12,600	3.7
25	-4	1225	12,200	3.6
20	-7	1210	11,700	3.4
17	-8	1200	11,400	3.3
15	-9	1190	11,000	3.2
10	-12	1165	9,900	2.9
5	-15	1090	8,800	2.6
0	-18	1020	7,700	2.3
-5	-21	945	6,600	1.9
-10	-23	870	5,600	1.6
-15	-26	795	4,500	1.3
-20	-29	720	3,400	1.0

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-018 — HEATING PERFORMANCE CR26-31 at 600 cfm (285 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	1325	21,600	6.3
60	16	1310	20,600	6.0
55	13	1295	19,500	5.7
50	10	1275	18,400	5.4
47	8	1265	17,800	5.2
45	7	1255	17,000	5.0
40	4	1225	15,100	4.4
35	2	1195	13,100	3.8
30	-1	1185	12,600	3.7
25	-4	1175	12,200	3.6
20	-7	1170	11,700	3.4
17	-8	1165	11,400	3.3
15	-9	1155	11,000	3.2
10	-12	1140	9,900	2.9
5	-15	1065	8,800	2.6
0	-18	995	7,700	2.3
-5	-21	920	6,700	2.0
-10	-23	845	5,600	1.6
-15	-26	770	4,500	1.3
-20	-29	700	3,400	1.0

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-018 — COOLING CAPACITY — CH23-21

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	190	400	5.2	17,700	1240	.68	.79	.90	5.0	17,100	1420	.68	.80	.91	4.8	16,500	1620	.69	.81	.93	4.6	15,800	1850	.70	.83	.94
	285	600	5.6	19,100	1250	.75	.90	1.0	5.4	18,500	1430	.77	.91	1.0	5.2	17,800	1630	.78	.93	1.0	5.0	17,100	1860	.79	.95	1.0
	380	800	5.9	20,100	1260	.83	.98	1.0	5.7	19,400	1440	.84	.99	1.0	5.5	18,800	1640	.86	1.0	1.0	5.3	18,100	1860	.88	1.0	1.0
67°F (19°C)	190	400	5.5	18,900	1250	.54	.65	.76	5.4	18,300	1430	.55	.66	.77	5.2	17,700	1630	.55	.66	.78	5.0	17,000	1860	.55	.67	.79
	285	600	5.9	20,300	1260	.58	.73	.87	5.7	19,600	1440	.59	.74	.88	5.5	18,900	1640	.60	.75	.90	5.3	18,100	1870	.61	.77	.91
	380	800	6.2	21,100	1270	.63	.81	.96	6.0	20,400	1450	.64	.82	.97	5.7	19,600	1650	.65	.84	.99	5.5	18,700	1870	.66	.86	.99
71°F (22°C)	190	400	5.9	20,300	1260	.42	.52	.62	5.8	19,700	1440	.42	.52	.62	5.6	19,000	1640	.42	.53	.64	5.3	18,200	1860	.42	.53	.65
	285	600	6.4	21,700	1270	.43	.57	.70	6.2	21,000	1450	.43	.57	.71	5.9	20,200	1650	.44	.58	.73	5.7	19,300	1880	.44	.59	.75
	380	800	6.6	22,400	1280	.45	.62	.79	6.3	21,600	1460	.45	.63	.80	6.1	20,800	1660	.46	.64	.82	5.8	19,900	1880	.46	.65	.84

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-018 — COOLING CAPACITY — CH23-31

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	190	400	5.2	17,800	1240	.67	.79	.90	5.0	17,200	1420	.69	.80	.91	4.9	16,600	1620	.69	.81	.93	4.7	15,900	1840	.70	.83	.94
	285	600	5.7	19,300	1250	.75	.90	1.0	5.5	18,600	1430	.76	.91	1.0	5.3	18,000	1630	.78	.93	1.0	5.0	17,200	1850	.79	.95	1.0
	380	800	5.9	20,300	1260	.83	.99	1.0	5.7	19,600	1440	.84	.99	1.0	5.6	19,000	1640	.86	1.0	1.0	5.4	18,300	1860	.88	1.0	1.0
67°F (19°C)	190	400	5.6	19,100	1250	.54	.65	.75	5.4	18,500	1430	.55	.65	.76	5.2	17,800	1630	.55	.66	.78	5.0	17,100	1850	.56	.67	.79
	285	600	6.0	20,500	1260	.59	.73	.86	5.8	19,800	1440	.59	.74	.88	5.6	19,100	1640	.60	.75	.90	5.4	18,300	1860	.61	.77	.92
	380	800	6.2	21,300	1270	.63	.81	.96	6.0	20,600	1440	.64	.82	.97	5.8	19,800	1640	.65	.84	.99	5.5	18,900	1870	.66	.86	1.0
71°F (22°C)	190	400	6.0	20,500	1260	.42	.52	.62	5.8	19,800	1440	.42	.53	.63	5.6	19,100	1640	.42	.53	.63	5.4	18,400	1860	.42	.53	.64
	285	600	6.4	21,900	1270	.43	.57	.70	6.2	21,200	1450	.43	.57	.71	6.0	20,400	1650	.44	.58	.73	5.7	19,500	1870	.44	.59	.74
	380	800	6.7	22,700	1280	.45	.62	.78	6.4	21,900	1460	.45	.63	.80	6.2	21,100	1650	.45	.64	.82	5.9	20,200	1880	.46	.65	.84

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-018 — HEATING CAPACITY — CH23-21

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil									
		65°F (18°C)		45°F (7°C)		25°F (-4°C)		5°F (-15°C)		-15°F (-28°C)	
		Total Heating Capacity	Comp. Motor Watts Input	Total Heating Capacity	Comp. Motor Watts Input	Total Heating Capacity	Comp. Motor Watts Input	Total Heating Capacity	Comp. Motor Watts Input	Total Heating Capacity	Comp. Motor Watts Input
L/s	cfm	kW Btuh		kW Btuh		kW Btuh		kW Btuh		kW Btuh	
190	400	6.0 20,600	1575	4.7 16,000	1520	3.3 11,200	1455	2.3 7,800	1350	1.1 3,600	1030
285	600	6.3 21,400	1375	4.9 16,800	1320	3.5 12,000	1255	2.5 8,600	1150	1.3 4,400	830
380	800	6.4 21,900	1265	5.1 17,300	1210	3.7 12,500	1145	2.7 9,100	1040	1.4 4,900	720

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-018 — HEATING CAPACITY — CH23-31

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil									
		65°F (18°C)		45°F (7°C)		25°F (-4°C)		5°F (-15°C)		-15°F (-28°C)	
		Total Heating Capacity	Comp. Motor Watts Input	Total Heating Capacity	Comp. Motor Watts Input	Total Heating Capacity	Comp. Motor Watts Input	Total Heating Capacity	Comp. Motor Watts Input	Total Heating Capacity	Comp. Motor Watts Input
L/s	cfm	kW Btuh		kW Btuh		kW Btuh		kW Btuh		kW Btuh	
190	400	6.1 20,900	1650	4.7 16,200	1535	3.3 11,300	1420	2.3 7,900	1280	1.1 3,700	990
285	600	6.4 21,700	1445	5.0 17,000	1330	3.5 12,100	1215	2.5 8,700	1075	1.3 4,500	785
380	800	6.5 22,200	1345	5.1 17,500	1230	3.7 12,600	1115	2.7 9,200	975	1.5 5,000	685

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-018 — HEATING PERFORMANCE CH23-21 at 600 cfm (285 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	1375	21,400	6.3
60	16	1365	20,400	6.0
55	13	1350	19,300	5.7
50	10	1335	18,200	5.3
47	8	1330	17,600	5.2
45	7	1320	16,800	4.9
40	4	1290	14,900	4.4
35	2	1265	12,900	3.8
30	-1	1260	12,500	3.7
25	-4	1255	12,000	3.5
20	-7	1255	11,500	3.4
17	-8	1250	11,200	3.3
15	-9	1245	10,800	3.2
10	-12	1235	9,700	2.8
5	-15	1150	8,600	2.5
0	-18	1070	7,600	2.2
-5	-21	990	6,500	1.9
-10	-23	910	5,500	1.6
-15	-26	830	4,400	1.3
-20	-29	750	3,400	1.0

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-018 — HEATING PERFORMANCE CH23-31 at 600 cfm (285 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	1445	21,700	6.4
60	16	1420	20,600	6.0
55	13	1390	19,500	5.7
50	10	1365	18,500	5.4
47	8	1350	17,800	5.2
45	7	1330	17,000	5.0
40	4	1290	15,000	4.4
35	2	1250	13,100	3.8
30	-1	1235	12,600	3.7
25	-4	1215	12,100	3.5
20	-7	1200	11,600	3.4
17	-8	1185	11,300	3.3
15	-9	1175	10,900	3.2
10	-12	1150	9,800	2.9
5	-15	1075	8,700	2.5
0	-18	1005	7,700	2.3
-5	-21	930	6,600	1.9
-10	-23	860	5,500	1.6
-15	-26	785	4,500	1.3
-20	-29	710	3,400	1.0

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-018 — COOLING CAPACITY — CH33-36A/B/C-F - CH23-41

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	190	400	5.3	18,000	1240	.67	.79	.90	5.1	17,400	1420	.68	.80	.91	4.9	16,800	1620	.68	.81	.93	4.7	16,100	1850	.70	.82	.94
	285	600	5.7	19,600	1260	.75	.90	1.0	5.5	18,900	1440	.77	.92	1.0	5.3	18,200	1640	.77	.93	1.0	5.1	17,400	1860	.79	.95	1.0
	380	800	6.1	20,700	1270	.83	.99	1.0	5.9	20,000	1440	.85	1.0	1.0	5.7	19,300	1640	.87	1.0	1.0	5.5	18,600	1870	.89	1.0	1.0
67°F (19°C)	190	400	5.7	19,400	1250	.54	.64	.75	5.5	18,700	1430	.55	.65	.76	5.3	18,000	1630	.55	.66	.77	5.1	17,300	1860	.55	.67	.79
	285	600	6.1	20,900	1270	.58	.73	.87	5.9	20,200	1450	.59	.74	.88	5.7	19,400	1650	.60	.75	.90	5.4	18,500	1870	.61	.77	.92
	380	800	6.4	21,800	1280	.63	.81	.97	6.2	21,000	1450	.64	.82	.98	5.9	20,100	1650	.65	.85	1.0	5.6	19,200	1870	.67	.87	1.0
71°F (22°C)	190	400	6.1	20,800	1270	.42	.52	.62	5.9	20,100	1440	.42	.52	.62	5.7	19,400	1650	.42	.53	.63	5.5	18,600	1870	.42	.53	.64
	285	600	6.6	22,400	1280	.43	.57	.70	6.3	21,600	1460	.43	.57	.71	6.1	20,700	1660	.43	.58	.73	5.8	19,800	1880	.44	.59	.74
	380	800	6.8	23,200	1290	.45	.62	.79	6.5	22,300	1470	.45	.63	.80	6.3	21,400	1670	.46	.64	.82	6.0	20,500	1890	.46	.66	.84

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-024 — COOLING CAPACITY — CB29M-21/26

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	285	600	6.3	21,600	1530	.72	.85	.96	6.1	20,800	1730	.73	.86	.98	5.9	20,100	1950	.74	.88	.99	5.6	19,200	2210	.75	.90	.99
	380	800	6.7	22,700	1540	.78	.93	1.0	6.4	21,900	1740	.79	.94	1.0	6.2	21,100	1960	.81	.96	1.0	5.9	20,200	2210	.82	.98	1.0
	470	1000	6.9	23,500	1540	.84	.99	1.0	6.7	22,700	1740	.86	1.0	1.0	6.4	22,000	1960	.87	1.0	1.0	6.2	21,200	2210	.89	1.0	1.0
67°F (19°C)	285	600	6.8	23,100	1540	.57	.69	.81	6.5	22,200	1740	.57	.70	.83	6.3	21,400	1960	.57	.71	.85	6.0	20,500	2210	.58	.72	.86
	380	800	7.0	24,000	1540	.60	.75	.90	6.8	23,100	1740	.61	.77	.91	6.5	22,200	1970	.62	.78	.93	6.2	21,300	2220	.63	.80	.95
	470	1000	7.2	24,600	1540	.64	.82	.97	6.9	23,700	1750	.65	.84	.98	6.7	22,800	1970	.66	.85	.99	6.4	21,800	2220	.67	.87	1.0
71°F (22°C)	285	600	7.2	24,600	1540	.42	.54	.66	7.0	23,800	1750	.42	.55	.67	6.7	22,900	1970	.43	.55	.68	6.4	21,900	2220	.43	.57	.70
	380	800	7.5	25,600	1540	.44	.59	.73	7.2	24,600	1750	.44	.59	.75	6.9	23,700	1970	.44	.60	.76	6.7	22,700	2220	.44	.61	.78
	470	1000	7.7	26,300	1550	.45	.62	.79	7.4	25,200	1750	.46	.63	.81	7.1	24,200	1980	.46	.65	.83	6.8	23,200	2220	.47	.66	.85

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-018 — HEATING CAPACITY — CH33-36A/B/C-F - CH23-41

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
190	400	6.1	20,800	1510	4.7	16,200	1460	3.3	11,400	1410	2.3	8,000	1315	1.1	3,700	1005
285	600	6.3	21,600	1305	5.0	17,000	1255	3.6	12,200	1205	2.6	8,800	1110	1.3	4,500	800
380	800	6.5	22,100	1210	5.1	17,500	1160	3.7	12,700	1110	2.7	9,300	1015	1.5	5,000	705

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-024 — HEATING CAPACITY — CB29M-21/26

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
285	600	7.7	26,200	1875	6.0	20,500	1765	4.3	14,800	1655	2.9	9,900	1495	1.3	4,400	1140
380	800	8.1	27,500	1670	6.4	21,800	1560	4.7	16,100	1450	3.3	11,200	1290	1.7	5,700	935
470	1000	8.2	28,000	1525	6.5	22,300	1415	4.9	16,600	1305	3.4	11,700	1145	1.8	6,200	790

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-018 — HEATING PERFORMANCE
CH33-36A/B/C-F - CH23-41 at 600 cfm (285 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	1305	21,600	6.3
60	16	1295	20,600	6.0
55	13	1285	19,500	5.7
50	10	1275	18,400	5.4
47	8	1265	17,800	5.2
45	7	1255	17,000	5.0
40	4	1230	15,100	4.4
35	2	1205	13,100	3.8
30	-1	1205	12,600	3.7
25	-4	1205	12,200	3.6
20	-7	1200	11,700	3.4
17	-8	1200	11,400	3.3
15	-9	1195	11,000	3.2
10	-12	1185	9,900	2.9
5	-15	1110	8,800	2.6
0	-18	1030	7,700	2.3
-5	-21	955	6,700	2.0
-10	-23	875	5,600	1.6
-15	-26	800	4,500	1.3
-20	-29	720	3,400	1.0

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-024 — HEATING PERFORMANCE
CB29M-21/26 at 800 cfm (380 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	1670	27,500	8.1
60	16	1645	26,100	7.6
55	13	1620	24,800	7.3
50	10	1590	23,400	6.9
47	8	1575	22,600	6.6
45	7	1560	21,800	6.4
40	4	1525	19,900	5.8
35	2	1490	18,000	5.3
30	-1	1470	17,000	5.0
25	-4	1450	16,100	4.7
20	-7	1430	15,100	4.4
17	-8	1415	14,500	4.2
15	-9	1405	14,000	4.1
10	-12	1380	12,600	3.7
5	-15	1290	11,200	3.3
0	-18	1200	9,900	2.9
-5	-21	1115	8,500	2.5
-10	-23	1025	7,100	2.1
-15	-26	935	5,700	1.7
-20	-29	850	4,400	1.3

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-024 — COOLING CAPACITY — CB29M-31

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	285	600	6.6	22,400	1530	.72	.84	.96	6.3	21,600	1730	.73	.86	.97	6.1	20,800	1950	.73	.88	.99	5.8	19,900	2200	.75	.89	1.0
	380	800	6.9	23,500	1530	.78	.93	1.0	6.7	22,700	1730	.79	.94	1.0	6.4	21,900	1950	.81	.96	1.0	6.2	21,000	2200	.82	.98	1.0
	470	1000	7.2	24,500	1540	.84	.98	1.0	6.9	23,600	1740	.85	1.0	1.0	6.7	22,800	1960	.87	1.0	1.0	6.4	22,000	2210	.89	1.0	1.0
67°F (19°C)	285	600	7.0	23,900	1530	.56	.69	.81	6.8	23,100	1730	.57	.70	.83	6.5	22,200	1950	.57	.71	.84	6.2	21,300	2200	.58	.72	.86
	380	800	7.3	25,000	1530	.60	.75	.90	7.0	24,000	1740	.60	.77	.91	6.8	23,100	1960	.62	.78	.93	6.5	22,100	2210	.62	.80	.95
	470	1000	7.5	25,600	1540	.64	.82	.97	7.2	24,600	1740	.65	.83	.98	6.9	23,700	1970	.66	.85	.99	6.7	22,700	2210	.67	.87	1.0
71°F (22°C)	285	600	7.5	25,600	1540	.43	.54	.66	7.2	24,700	1740	.43	.55	.67	6.9	23,700	1960	.43	.56	.68	6.7	22,800	2210	.43	.56	.69
	380	800	7.8	26,700	1540	.43	.58	.73	7.5	25,600	1750	.44	.59	.74	7.2	24,600	1970	.44	.60	.76	6.9	23,600	2210	.44	.61	.78
	470	1000	8.0	27,400	1540	.45	.62	.79	7.7	26,200	1750	.46	.64	.81	7.4	25,100	1980	.46	.65	.83	7.1	24,100	2220	.46	.66	.85

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-024 — COOLING CAPACITY — CB29M-41

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	285	600	6.6	22,600	1530	.71	.84	.96	6.4	21,800	1730	.72	.86	.98	6.1	20,900	1950	.73	.88	.99	5.9	20,100	2200	.75	.89	1.0
	380	800	7.0	23,800	1540	.78	.92	1.0	6.7	22,900	1740	.79	.94	1.0	6.4	22,000	1960	.80	.96	1.0	6.2	21,100	2200	.82	.98	1.0
	470	1000	7.3	24,800	1540	.84	.99	1.0	7.0	23,900	1740	.85	1.0	1.0	6.7	23,000	1960	.87	1.0	1.0	6.5	22,200	2210	.89	1.0	1.0
67°F (19°C)	285	600	7.1	24,200	1530	.56	.69	.81	6.8	23,300	1740	.56	.70	.82	6.6	22,400	1960	.57	.71	.84	6.3	21,400	2210	.58	.72	.86
	380	800	7.4	25,300	1540	.60	.75	.89	7.1	24,300	1750	.60	.77	.91	6.8	23,300	1960	.61	.78	.93	6.5	22,300	2210	.62	.80	.95
	470	1000	7.6	26,000	1540	.63	.82	.97	7.3	25,000	1750	.65	.83	.98	7.0	23,900	1970	.66	.85	.99	6.7	22,900	2220	.67	.87	1.0
71°F (22°C)	285	600	7.6	26,000	1540	.42	.54	.65	7.3	24,900	1750	.43	.55	.67	7.0	23,900	1970	.43	.56	.68	6.7	23,000	2210	.43	.56	.69
	380	800	7.9	27,100	1540	.44	.58	.72	7.6	26,000	1750	.44	.59	.74	7.3	24,900	1970	.44	.60	.76	7.0	23,800	2220	.45	.61	.77
	470	1000	8.1	27,800	1540	.45	.62	.79	7.8	26,600	1750	.45	.64	.81	7.5	25,500	1980	.46	.65	.83	7.1	24,300	2220	.47	.66	.85

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-024 — HEATING CAPACITY — CB29M-31

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
285	600	7.9	26,900	1870	6.2	21,200	1755	4.5	15,400	1630	3.1	10,500	1470	1.5	5,100	1125
380	800	8.1	27,500	1665	6.4	21,800	1550	4.7	16,000	1425	3.3	11,100	1265	1.7	5,700	920
470	1000	8.2	28,000	1520	6.5	22,300	1405	4.8	16,500	1280	3.4	11,600	1120	1.8	6,200	775

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-024 — HEATING CAPACITY — CB29M-41

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
285	600	8.0	27,200	1780	6.3	21,400	1700	4.5	15,500	1615	3.1	10,600	1475	1.5	5,100	1125
380	800	8.1	27,800	1570	6.4	22,000	1490	4.7	16,100	1405	3.3	11,200	1265	1.7	5,700	915
470	1000	8.3	28,400	1420	6.6	22,600	1340	4.9	16,700	1255	3.5	11,800	1115	1.8	6,300	765

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-024 — HEATING PERFORMANCE CB29M-31 at 800 cfm (380 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	1665	27,500	8.1
60	16	1640	26,200	7.7
55	13	1610	24,800	7.3
50	10	1580	23,400	6.9
47	8	1565	22,600	6.6
45	7	1550	21,800	6.4
40	4	1510	19,900	5.8
35	2	1475	18,000	5.3
30	-1	1450	17,000	5.0
25	-4	1425	16,000	4.7
20	-7	1405	15,000	4.4
17	-8	1390	14,400	4.2
15	-9	1380	13,900	4.1
10	-12	1350	12,500	3.7
5	-15	1265	11,100	3.3
0	-18	1180	9,800	2.9
-5	-21	1090	8,400	2.5
-10	-23	1005	7,000	2.1
-15	-26	920	5,700	1.7
-20	-29	835	4,300	1.3

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-024 — HEATING PERFORMANCE CB29M-41 at 800 cfm (380 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	1570	27,800	8.1
60	16	1550	26,400	7.7
55	13	1530	25,000	7.3
50	10	1510	23,600	6.9
47	8	1500	22,800	6.7
45	7	1490	22,000	6.4
40	4	1460	20,100	5.9
35	2	1435	18,100	5.3
30	-1	1420	17,100	5.0
25	-4	1405	16,100	4.7
20	-7	1390	15,100	4.4
17	-8	1380	14,500	4.2
15	-9	1375	13,900	4.1
10	-12	1355	12,600	3.7
5	-15	1265	11,200	3.3
0	-18	1180	9,800	2.9
-5	-21	1090	8,500	2.5
-10	-23	1005	7,100	2.1
-15	-26	915	5,700	1.7
-20	-29	830	4,400	1.3

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-024 — COOLING CAPACITY — CB30M-21/26 — CB30U-21/26

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	285	600	6.8	23,200	1520	.71	.84	.96	6.5	22,300	1730	.72	.86	.97	6.3	21,500	1950	.73	.87	.99	6.0	20,600	2190	.75	.89	1.0
	380	800	7.2	24,500	1530	.77	.93	1.0	6.9	23,500	1730	.79	.94	1.0	6.6	22,600	1950	.81	.96	1.0	6.4	21,700	2200	.82	.98	1.0
	470	1000	7.5	25,500	1530	.84	.99	1.0	7.2	24,500	1740	.85	1.0	1.0	6.9	23,700	1960	.87	1.0	1.0	6.7	22,800	2200	.90	1.0	1.0
67°F (19°C)	285	600	7.3	24,900	1530	.56	.68	.81	7.0	23,900	1730	.56	.69	.82	6.7	22,900	1950	.57	.71	.84	6.4	22,000	2200	.58	.72	.86
	380	800	7.6	26,000	1530	.60	.75	.89	7.3	25,000	1740	.61	.76	.91	7.0	23,900	1960	.62	.78	.93	6.7	22,900	2200	.63	.80	.95
	470	1000	7.9	26,800	1530	.63	.81	.97	7.5	25,700	1740	.65	.83	.98	7.2	24,600	1960	.66	.85	1.0	6.9	23,500	2210	.67	.87	1.0
71°F (22°C)	285	600	7.8	26,700	1530	.42	.54	.66	7.5	25,600	1740	.43	.55	.67	7.2	24,600	1960	.43	.55	.68	6.9	23,600	2210	.43	.56	.69
	380	800	8.2	27,900	1530	.43	.58	.72	7.8	26,700	1750	.44	.59	.74	7.5	25,600	1970	.44	.60	.76	7.2	24,400	2210	.45	.61	.78
	470	1000	8.4	28,600	1530	.45	.62	.79	8.0	27,400	1750	.46	.64	.81	7.7	26,200	1970	.46	.65	.83	7.3	25,000	2210	.47	.66	.85

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-024 — COOLING CAPACITY — CB30M-31 — CB30U-31

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	285	600	6.8	23,300	1530	.71	.84	.96	6.6	22,400	1740	.72	.85	.98	6.3	21,500	1960	.73	.87	.99	6.0	20,600	2200	.74	.89	1.0
	380	800	7.2	24,600	1540	.77	.93	1.0	6.9	23,600	1740	.79	.94	1.0	6.6	22,600	1970	.80	.96	1.0	6.4	21,700	2210	.82	.98	1.0
	470	1000	7.5	25,600	1540	.84	1.0	1.0	7.2	24,700	1750	.86	1.0	1.0	7.0	23,800	1970	.87	1.0	1.0	6.7	22,900	2210	.90	1.0	1.0
67°F (19°C)	285	600	7.3	25,000	1540	.56	.68	.80	7.0	24,000	1750	.56	.69	.82	6.7	23,000	1970	.57	.70	.83	6.4	22,000	2210	.58	.72	.85
	380	800	7.7	26,200	1540	.60	.75	.89	7.4	25,100	1750	.61	.76	.91	7.0	24,000	1970	.61	.78	.93	6.7	23,000	2220	.62	.80	.95
	470	1000	7.9	27,000	1540	.63	.81	.97	7.6	25,800	1750	.65	.83	.98	7.2	24,700	1980	.66	.85	1.0	6.9	23,600	2220	.67	.88	1.0
71°F (22°C)	285	600	7.9	26,800	1540	.43	.54	.65	7.6	25,800	1750	.42	.54	.66	7.2	24,700	1980	.43	.55	.68	6.9	23,600	2220	.43	.56	.69
	380	800	8.2	28,100	1540	.43	.58	.72	7.9	26,900	1760	.44	.59	.74	7.5	25,700	1980	.44	.60	.75	7.2	24,600	2220	.45	.61	.77
	470	1000	8.5	28,900	1540	.45	.62	.79	8.1	27,600	1760	.46	.63	.81	7.7	26,300	1990	.46	.65	.83	7.4	25,100	2230	.47	.67	.85

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-024 — HEATING CAPACITY — CB30M-21/26 — CB30U-21/26

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
285	600	8.0	27,200	1830	6.3	21,400	1715	4.5	15,400	1595	3.1	10,500	1435	1.5	5,100	1100
380	800	8.1	27,800	1630	6.4	22,000	1515	4.7	16,000	1395	3.3	11,100	1235	1.7	5,700	900
470	1000	8.3	28,300	1490	6.6	22,500	1375	4.8	16,500	1255	3.4	11,600	1095	1.8	6,200	760

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-024 — HEATING CAPACITY — CB30M-31 — CB30U-31

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
285	600	7.9	26,900	1580	6.2	21,100	1515	4.5	15,200	1445	3.0	10,300	1315	1.5	5,000	970
380	800	8.1	27,500	1510	6.4	21,700	1445	4.6	15,800	1375	3.2	10,900	1245	1.6	5,600	900
470	1000	8.2	27,900	1385	6.5	22,100	1320	4.7	16,200	1250	3.3	11,300	1120	1.8	6,000	775

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-024 — HEATING PERFORMANCE CB30M-21/26 — CB30U-21/26 at 800 cfm (380 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	1630	27,800	8.1
60	16	1605	26,400	7.7
55	13	1575	25,000	7.3
50	10	1545	23,600	6.9
47	8	1530	22,800	6.7
45	7	1515	22,000	6.4
40	4	1480	20,000	5.9
35	2	1440	18,100	5.3
30	-1	1420	17,100	5.0
25	-4	1395	16,000	4.7
20	-7	1375	15,000	4.4
17	-8	1360	14,400	4.2
15	-9	1350	13,800	4.0
10	-12	1320	12,400	3.6
5	-15	1235	11,100	3.3
0	-18	1150	9,700	2.8
-5	-21	1065	8,400	2.5
-10	-23	985	7,000	2.1
-15	-26	900	5,700	1.7
-20	-29	815	4,300	1.3

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-024 — HEATING PERFORMANCE CB30M-31/CB30U-31 at 800 cfm (380 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	1510	27,500	8.1
60	16	1495	26,100	7.6
55	13	1480	24,700	7.2
50	10	1465	23,300	6.8
47	8	1455	22,500	6.6
45	7	1445	21,700	6.4
40	4	1420	19,800	5.8
35	2	1395	17,800	5.2
30	-1	1385	16,800	4.9
25	-4	1375	15,800	4.6
20	-7	1365	14,800	4.3
17	-8	1355	14,200	4.2
15	-9	1350	13,600	4.0
10	-12	1335	12,300	3.6
5	-15	1245	10,900	3.2
0	-18	1160	9,600	2.8
-5	-21	1075	8,300	2.4
-10	-23	985	6,900	2.0
-15	-26	900	5,600	1.6
-20	-29	815	4,300	1.3

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-024 — COOLING CAPACITY — CVP10-26/EC10Q3

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	285	600	6.4	22,000	1520	.71	.84	.96	6.2	21,200	1720	.72	.85	.97	6.0	20,400	1940	.73	.87	.99	5.7	19,600	2190	.74	.89	1.0
	380	800	6.8	23,200	1530	.77	.93	1.0	6.6	22,400	1730	.79	.94	1.0	6.3	21,500	1950	.80	.96	1.0	6.0	20,600	2190	.82	.98	1.0
	470	1000	7.1	24,200	1530	.84	.99	1.0	6.8	23,300	1730	.86	1.0	1.0	6.6	22,500	1950	.87	1.0	1.0	6.4	21,700	2200	.89	1.0	1.0
67°F (19°C)	285	600	6.9	23,600	1530	.56	.68	.81	6.7	22,700	1730	.56	.69	.82	6.4	21,800	1950	.57	.70	.84	6.1	20,900	2200	.58	.72	.85
	380	800	7.2	24,700	1530	.60	.75	.90	6.9	23,700	1740	.60	.76	.91	6.7	22,700	1960	.61	.78	.93	6.4	21,800	2200	.63	.79	.95
	470	1000	7.4	25,400	1530	.63	.81	.97	7.2	24,400	1740	.65	.83	.98	6.9	23,400	1960	.66	.85	.99	6.6	22,400	2210	.67	.87	1.0
71°F (22°C)	285	600	7.4	25,300	1530	.42	.54	.66	7.1	24,300	1740	.42	.55	.67	6.8	23,300	1960	.43	.55	.68	6.6	22,400	2200	.43	.56	.69
	380	800	7.7	26,400	1530	.44	.58	.72	7.4	25,300	1740	.44	.59	.74	7.1	24,300	1960	.44	.60	.75	6.8	23,300	2210	.45	.61	.77
	470	1000	7.9	27,100	1530	.45	.62	.79	7.6	26,000	1750	.45	.63	.81	7.3	24,900	1970	.46	.65	.83	7.0	23,800	2210	.47	.66	.85

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-024 — COOLING CAPACITY — C26-21

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	285	600	6.4	21,900	1530	.72	.85	.96	6.2	21,100	1720	.73	.87	.98	6.0	20,400	1950	.74	.88	.99	5.7	19,500	2200	.75	.90	1.0
	380	800	6.7	23,000	1530	.78	.93	1.0	6.5	22,200	1730	.80	.95	1.0	6.3	21,400	1950	.81	.96	1.0	6.0	20,600	2200	.83	.98	1.0
	470	1000	7.0	23,900	1540	.85	.99	1.0	6.8	23,100	1740	.86	1.0	1.0	6.5	22,300	1960	.88	1.0	1.0	6.3	21,500	2200	.90	1.0	1.0
67°F (19°C)	285	600	6.9	23,400	1530	.56	.69	.82	6.6	22,500	1730	.57	.70	.83	6.4	21,700	1950	.58	.71	.84	6.1	20,800	2200	.58	.73	.86
	380	800	7.1	24,300	1530	.60	.76	.91	6.9	23,400	1740	.61	.77	.92	6.6	22,500	1960	.62	.79	.93	6.3	21,600	2210	.63	.81	.95
	470	1000	7.3	25,000	1540	.64	.82	.97	7.0	24,000	1740	.65	.84	.98	6.8	23,100	1960	.66	.86	.99	6.5	22,100	2210	.68	.88	1.0
71°F (22°C)	285	600	7.3	25,000	1540	.42	.54	.66	7.1	24,100	1740	.43	.55	.68	6.8	23,200	1960	.43	.56	.69	6.5	22,200	2210	.43	.57	.70
	380	800	7.6	26,000	1540	.44	.58	.73	7.3	25,000	1740	.44	.60	.75	7.0	24,000	1970	.45	.60	.77	6.7	23,000	2210	.45	.62	.78
	470	1000	7.8	26,600	1540	.45	.63	.80	7.5	25,500	1750	.46	.64	.82	7.2	24,500	1970	.46	.65	.84	6.9	23,500	2210	.47	.67	.86

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-024 — HEATING CAPACITY — CVP10-26/EC10Q3

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil									
		65°F (18°C)		45°F (7°C)		25°F (-4°C)		5°F (-15°C)		-15°F (-28°C)	
		Total Heating Capacity	Comp. Motor Watts Input	Total Heating Capacity	Comp. Motor Watts Input	Total Heating Capacity	Comp. Motor Watts Input	Total Heating Capacity	Comp. Motor Watts Input	Total Heating Capacity	Comp. Motor Watts Input
L/s	cfm	kW Btuh		kW Btuh		kW Btuh		kW Btuh		kW Btuh	
285	600	7.9 27,000	1780	6.2 21,200	1675	4.5 15,300	1565	3.0 10,400	1415	1.5 5,000	1075
380	800	8.1 27,600	1605	6.4 21,800	1500	4.7 15,900	1390	3.2 11,000	1240	1.6 5,600	900
470	1000	8.2 28,100	1560	6.5 22,300	1455	4.8 16,400	1345	3.4 11,500	1195	1.8 6,100	855

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-024 — HEATING CAPACITY — C26-21

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil									
		65°F (18°C)		45°F (7°C)		25°F (-4°C)		5°F (-15°C)		-15°F (-28°C)	
		Total Heating Capacity	Comp. Motor Watts Input	Total Heating Capacity	Comp. Motor Watts Input	Total Heating Capacity	Comp. Motor Watts Input	Total Heating Capacity	Comp. Motor Watts Input	Total Heating Capacity	Comp. Motor Watts Input
L/s	cfm	kW Btuh		kW Btuh		kW Btuh		kW Btuh		kW Btuh	
285	600	7.9 27,000	1865	6.2 21,300	1760	4.6 15,600	1650	3.1 10,700	1495	1.5 5,200	1145
380	800	8.1 27,600	1655	6.4 21,900	1550	4.7 16,200	1440	3.3 11,300	1285	1.7 5,800	935
470	1000	8.2 28,100	1505	6.6 22,400	1400	4.9 16,700	1290	3.5 11,800	1135	1.8 6,300	785

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-024 — HEATING PERFORMANCE CVP10-26/EC10Q3 at 800 cfm (380 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	1605	27,600	8.1
60	16	1580	26,200	7.7
55	13	1555	24,800	7.3
50	10	1530	23,400	6.9
47	8	1515	22,600	6.6
45	7	1500	21,800	6.4
40	4	1465	19,900	5.8
35	2	1435	17,900	5.2
30	-1	1410	16,900	5.0
25	-4	1390	15,900	4.7
20	-7	1370	14,900	4.4
17	-8	1360	14,300	4.2
15	-9	1350	13,700	4.0
10	-12	1325	12,400	3.6
5	-15	1240	11,000	3.2
0	-18	1155	9,700	2.8
-5	-21	1070	8,300	2.4
-10	-23	985	7,000	2.1
-15	-26	900	5,600	1.6
-20	-29	815	4,300	1.3

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-024 — HEATING PERFORMANCE C26-21 at 800 cfm (380 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	1655	27,600	8.1
60	16	1630	26,200	7.7
55	13	1605	24,900	7.3
50	10	1580	23,500	6.9
47	8	1565	22,700	6.7
45	7	1550	21,900	6.4
40	4	1515	20,000	5.9
35	2	1480	18,100	5.3
30	-1	1460	17,100	5.0
25	-4	1440	16,200	4.7
20	-7	1420	15,200	4.5
17	-8	1410	14,600	4.3
15	-9	1400	14,100	4.1
10	-12	1370	12,700	3.7
5	-15	1285	11,300	3.3
0	-18	1195	9,900	2.9
-5	-21	1110	8,500	2.5
-10	-23	1020	7,200	2.1
-15	-26	935	5,800	1.7
-20	-29	845	4,400	1.3

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-024 — COOLING CAPACITY — C33-24A/B - C26-26

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	285	600	6.6	22,400	1530	.71	.85	.96	6.3	21,600	1730	.73	.86	.98	6.1	20,800	1950	.73	.88	.99	5.8	19,900	2200	.75	.89	1.0
	380	800	6.9	23,600	1540	.78	.93	1.0	6.7	22,700	1740	.79	.95	1.0	6.4	21,900	1960	.81	.96	1.0	6.2	21,000	2200	.83	.98	1.0
	470	1000	7.2	24,600	1540	.84	.99	1.0	6.9	23,700	1740	.86	1.0	1.0	6.7	22,900	1960	.88	1.0	1.0	6.4	22,000	2210	.90	1.0	1.0
67°F (19°C)	285	600	7.0	24,000	1530	.56	.69	.81	6.8	23,100	1740	.57	.70	.83	6.5	22,200	1960	.57	.71	.84	6.2	21,200	2210	.58	.73	.86
	380	800	7.3	25,000	1540	.60	.76	.90	7.0	24,000	1740	.61	.77	.92	6.8	23,100	1970	.61	.78	.94	6.5	22,100	2210	.62	.80	.96
	470	1000	7.6	25,800	1540	.64	.82	.97	7.2	24,700	1750	.65	.84	.98	6.9	23,700	1970	.66	.86	1.0	6.7	22,700	2210	.67	.88	1.0
71°F (22°C)	285	600	7.5	25,700	1540	.42	.54	.66	7.2	24,700	1740	.43	.55	.67	6.9	23,700	1970	.43	.56	.68	6.7	22,700	2210	.43	.56	.70
	380	800	7.9	26,800	1540	.44	.58	.73	7.5	25,700	1750	.44	.59	.74	7.2	24,600	1980	.44	.61	.76	6.9	23,600	2210	.45	.61	.78
	470	1000	8.1	27,500	1540	.45	.63	.80	7.7	26,300	1750	.46	.64	.81	7.4	25,200	1980	.46	.65	.83	7.1	24,100	2220	.47	.67	.86

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-024 — COOLING CAPACITY — C26-31

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	285	600	6.8	23,200	1530	.71	.84	.96	6.6	22,400	1740	.72	.85	.98	6.3	21,500	1950	.73	.87	.99	6.0	20,600	2200	.75	.89	1.0
	380	800	7.2	24,500	1540	.77	.93	1.0	6.9	23,600	1740	.79	.94	1.0	6.6	22,600	1960	.80	.96	1.0	6.4	21,700	2210	.82	.98	1.0
	470	1000	7.5	25,600	1540	.84	.99	1.0	7.2	24,600	1750	.85	1.0	1.0	7.0	23,800	1970	.88	1.0	1.0	6.7	22,800	2210	.90	1.0	1.0
67°F (19°C)	285	600	7.3	24,900	1540	.56	.68	.80	7.0	23,900	1740	.56	.69	.82	6.7	23,000	1970	.57	.70	.84	6.4	22,000	2210	.58	.72	.86
	380	800	7.6	26,100	1540	.59	.75	.89	7.3	25,000	1750	.60	.76	.91	7.0	24,000	1970	.62	.78	.93	6.7	22,900	2210	.62	.80	.95
	470	1000	7.9	26,900	1540	.64	.81	.97	7.6	25,800	1750	.65	.83	.98	7.2	24,600	1980	.66	.85	1.0	6.9	23,600	2220	.68	.87	1.0
71°F (22°C)	285	600	7.9	26,800	1540	.42	.54	.65	7.5	25,700	1750	.42	.54	.67	7.2	24,600	1970	.43	.55	.68	6.9	23,600	2220	.43	.56	.69
	380	800	8.2	28,000	1540	.44	.58	.72	7.9	26,800	1760	.44	.59	.74	7.5	25,600	1980	.44	.60	.75	7.2	24,500	2220	.45	.61	.78
	470	1000	8.4	28,800	1540	.45	.62	.79	8.1	27,500	1760	.45	.63	.81	7.7	26,300	1980	.46	.65	.83	7.4	25,100	2230	.47	.66	.85

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-024 — HEATING CAPACITY — C33-24A/B - C26-26

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
285	600	7.9	27,100	1780	6.3	21,400	1710	4.6	15,600	1635	3.1	10,700	1500	1.5	5,200	1140
380	800	8.1	27,700	1575	6.4	22,000	1505	4.7	16,200	1430	3.3	11,300	1295	1.7	5,800	935
470	1000	8.3	28,200	1425	6.6	22,500	1355	4.9	16,700	1280	3.5	11,800	1145	1.8	6,300	785

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-024 — HEATING CAPACITY — C26-31

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
285	600	8.0	27,200	1695	6.3	21,400	1650	4.5	15,500	1605	3.1	10,600	1490	1.5	5,100	1130
380	800	8.1	27,800	1495	6.4	22,000	1450	4.7	16,100	1405	3.3	11,200	1290	1.7	5,700	930
470	1000	8.3	28,300	1350	6.6	22,500	1305	4.9	16,600	1260	3.4	11,700	1145	1.8	6,200	785

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-024 — HEATING PERFORMANCE C33-24A/B - C26-26 at 800 cfm (380 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	1575	27,700	8.1
60	16	1560	26,400	7.7
55	13	1540	25,000	7.3
50	10	1525	23,600	6.9
47	8	1515	22,800	6.7
45	7	1505	22,000	6.4
40	4	1475	20,100	5.9
35	2	1450	18,200	5.3
30	-1	1440	17,200	5.0
25	-4	1430	16,200	4.7
20	-7	1415	15,200	4.5
17	-8	1410	14,600	4.3
15	-9	1400	14,100	4.1
10	-12	1385	12,700	3.7
5	-15	1295	11,300	3.3
0	-18	1205	9,900	2.9
-5	-21	1115	8,500	2.5
-10	-23	1025	7,100	2.1
-15	-26	935	5,800	1.7
-20	-29	845	4,400	1.3

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-024 — HEATING PERFORMANCE C26-31 at 800 cfm (380 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	1495	27,800	8.1
60	16	1485	26,400	7.7
55	13	1475	25,000	7.3
50	10	1465	23,600	6.9
47	8	1455	22,800	6.7
45	7	1450	22,000	6.4
40	4	1430	20,100	5.9
35	2	1415	18,100	5.3
30	-1	1410	17,100	5.0
25	-4	1405	16,100	4.7
20	-7	1400	15,100	4.4
17	-8	1395	14,500	4.2
15	-9	1390	13,900	4.1
10	-12	1380	12,600	3.7
5	-15	1290	11,200	3.3
0	-18	1200	9,800	2.9
-5	-21	1110	8,500	2.5
-10	-23	1020	7,100	2.1
-15	-26	930	5,700	1.7
-20	-29	835	4,400	1.3

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-024 — COOLING CAPACITY — CR26-21

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	285	600	6.3	21,400	1520	.71	.84	.95	6.1	20,700	1720	.72	.85	.97	5.8	19,900	1940	.72	.86	.98	5.6	19,100	2200	.74	.88	.99
	380	800	6.6	22,400	1530	.77	.92	1.0	6.4	21,700	1730	.78	.93	1.0	6.1	20,900	1950	.79	.95	1.0	5.9	20,100	2200	.81	.96	1.0
	470	1000	6.8	23,300	1530	.83	.97	1.0	6.6	22,500	1730	.84	.99	1.0	6.4	21,700	1950	.85	1.0	1.0	6.1	20,900	2200	.88	1.0	1.0
67°F (19°C)	285	600	6.7	22,900	1530	.56	.68	.80	6.5	22,100	1730	.56	.69	.82	6.2	21,300	1950	.57	.70	.83	6.0	20,400	2200	.57	.71	.85
	380	800	7.0	23,900	1530	.59	.74	.88	6.7	23,000	1730	.60	.75	.90	6.5	22,100	1950	.61	.77	.92	6.2	21,200	2210	.61	.78	.93
	470	1000	7.2	24,500	1530	.62	.80	.95	6.9	23,600	1740	.63	.81	.97	6.6	22,600	1960	.65	.84	.98	6.4	21,700	2210	.65	.85	.99
71°F (22°C)	285	600	7.2	24,500	1540	.42	.54	.65	6.9	23,600	1740	.42	.54	.67	6.7	22,700	1960	.43	.55	.67	6.4	21,800	2200	.43	.56	.69
	380	800	7.5	25,500	1540	.44	.58	.71	7.2	24,500	1740	.44	.58	.73	6.9	23,600	1960	.44	.59	.75	6.6	22,600	2210	.44	.60	.76
	470	1000	7.6	26,100	1540	.45	.61	.78	7.4	25,100	1740	.45	.62	.79	7.1	24,100	1970	.46	.63	.81	6.8	23,100	2210	.46	.65	.83

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-024 — COOLING CAPACITY — CR26-31

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	285	600	6.7	23,000	1530	.71	.84	.96	6.5	22,200	1730	.72	.86	.97	6.2	21,300	1950	.73	.87	.99	6.0	20,500	2200	.75	.89	1.0
	380	800	7.1	24,300	1540	.78	.93	1.0	6.9	23,400	1740	.79	.94	1.0	6.6	22,500	1960	.81	.96	1.0	6.3	21,500	2200	.83	.98	1.0
	470	1000	7.4	25,300	1540	.84	.99	1.0	7.2	24,400	1740	.85	1.0	1.0	6.9	23,500	1960	.87	1.0	1.0	6.6	22,600	2210	.89	1.0	1.0
67°F (19°C)	285	600	7.2	24,700	1530	.56	.68	.81	6.9	23,700	1740	.57	.70	.82	6.7	22,800	1960	.57	.71	.84	6.4	21,800	2210	.58	.72	.86
	380	800	7.6	25,800	1540	.60	.75	.89	7.3	24,800	1750	.61	.76	.91	6.9	23,700	1970	.62	.78	.93	6.7	22,700	2210	.63	.80	.95
	470	1000	7.8	26,500	1540	.63	.82	.97	7.4	25,400	1750	.65	.83	.98	7.2	24,400	1970	.66	.85	1.0	6.8	23,300	2220	.67	.87	1.0
71°F (22°C)	285	600	7.8	26,500	1540	.42	.54	.66	7.4	25,400	1750	.43	.55	.67	7.2	24,400	1970	.43	.55	.68	6.9	23,400	2210	.43	.56	.69
	380	800	8.1	27,600	1540	.43	.58	.72	7.8	26,500	1750	.44	.59	.74	7.4	25,400	1970	.44	.60	.76	7.1	24,300	2220	.44	.61	.77
	470	1000	8.3	28,300	1540	.45	.62	.79	7.9	27,100	1750	.45	.63	.81	7.6	26,000	1980	.46	.65	.83	7.3	24,800	2220	.47	.66	.85

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-024 — HEATING CAPACITY — CR26-21

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
285	600	7.9	26,900	1965	6.2	21,200	1815	4.5	15,500	1660	3.1	10,600	1475	1.5	5,100	1135
380	800	8.1	27,500	1750	6.4	21,800	1600	4.7	16,100	1445	3.3	11,200	1260	1.7	5,700	920
470	1000	8.2	28,000	1595	6.5	22,300	1445	4.9	16,600	1290	3.4	11,700	1105	1.8	6,200	765

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-024 — HEATING CAPACITY — CR26-31

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
285	600	8.0	27,200	1810	6.3	21,400	1705	4.5	15,500	1595	3.1	10,600	1440	1.5	5,100	1105
380	800	8.1	27,800	1605	6.4	22,000	1500	4.7	16,100	1390	3.3	11,200	1235	1.7	5,700	900
470	1000	8.3	28,300	1460	6.6	22,500	1355	4.9	16,600	1245	3.4	11,700	1090	1.8	6,200	755

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-024 — HEATING PERFORMANCE CR26-21 at 800 cfm (380 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	1750	27,500	8.1
60	16	1715	26,100	7.6
55	13	1675	24,800	7.3
50	10	1640	23,400	6.9
47	8	1615	22,600	6.6
45	7	1600	21,800	6.4
40	4	1555	19,900	5.8
35	2	1510	18,000	5.3
30	-1	1475	17,000	5.0
25	-4	1445	16,100	4.7
20	-7	1415	15,100	4.4
17	-8	1395	14,500	4.2
15	-9	1380	14,000	4.1
10	-12	1345	12,600	3.7
5	-15	1260	11,200	3.3
0	-18	1175	9,900	2.9
-5	-21	1090	8,500	2.5
-10	-23	1005	7,100	2.1
-15	-26	920	5,700	1.7
-20	-29	835	4,400	1.3

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-024 — HEATING PERFORMANCE CR26-31 at 800 cfm (380 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	1605	27,800	8.1
60	16	1580	26,400	7.7
55	13	1555	25,000	7.3
50	10	1530	23,600	6.9
47	8	1515	22,800	6.7
45	7	1500	22,000	6.4
40	4	1465	20,100	5.9
35	2	1430	18,100	5.3
30	-1	1410	17,100	5.0
25	-4	1390	16,100	4.7
20	-7	1370	15,100	4.4
17	-8	1355	14,500	4.2
15	-9	1345	13,900	4.1
10	-12	1320	12,600	3.7
5	-15	1235	11,200	3.3
0	-18	1150	9,800	2.9
-5	-21	1065	8,500	2.5
-10	-23	980	7,100	2.1
-15	-26	900	5,700	1.7
-20	-29	815	4,400	1.3

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-024 — COOLING CAPACITY — CH23-21

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	285	600	6.5	22,100	1530	.71	.85	.96	6.2	21,300	1720	.73	.86	.98	6.0	20,500	1950	.74	.87	.99	5.8	19,700	2200	.74	.89	1.0
	380	800	6.8	23,200	1530	.78	.93	1.0	6.6	22,400	1730	.79	.94	1.0	6.3	21,600	1960	.81	.96	1.0	6.1	20,700	2200	.82	.98	1.0
	470	1000	7.1	24,100	1540	.84	.99	1.0	6.8	23,300	1740	.86	1.0	1.0	6.6	22,500	1960	.87	1.0	1.0	6.4	21,700	2200	.89	1.0	1.0
67°F (19°C)	285	600	6.9	23,600	1530	.56	.69	.81	6.7	22,700	1730	.57	.70	.82	6.4	21,900	1950	.57	.71	.84	6.2	21,000	2200	.58	.72	.86
	380	800	7.2	24,600	1530	.60	.75	.90	6.9	23,600	1740	.61	.77	.91	6.7	22,700	1960	.62	.78	.93	6.4	21,800	2210	.63	.80	.95
	470	1000	7.4	25,300	1540	.64	.82	.96	7.1	24,300	1740	.65	.84	.98	6.8	23,300	1970	.66	.85	.99	6.5	22,300	2210	.68	.87	1.0
71°F (22°C)	285	600	7.4	25,200	1540	.42	.54	.66	7.1	24,300	1740	.42	.55	.67	6.9	23,400	1960	.43	.56	.68	6.6	22,400	2210	.43	.56	.70
	380	800	7.7	26,300	1540	.44	.58	.73	7.4	25,200	1740	.44	.59	.75	7.1	24,200	1970	.44	.60	.76	6.8	23,200	2210	.45	.61	.78
	470	1000	7.9	26,900	1540	.45	.62	.80	7.6	25,800	1750	.46	.64	.81	7.3	24,800	1970	.46	.65	.83	6.9	23,700	2220	.47	.66	.85

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-024 — COOLING CAPACITY — CH33-30A-F - CH23-31

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	285	600	6.5	22,100	1530	.71	.85	.96	6.3	21,400	1730	.72	.86	.98	6.0	20,500	1950	.73	.87	.99	5.8	19,700	2200	.74	.89	1.0
	380	800	6.8	23,300	1530	.78	.93	1.0	6.6	22,500	1740	.79	.94	1.0	6.3	21,600	1960	.80	.96	1.0	6.1	20,800	2200	.82	.98	1.0
	470	1000	7.1	24,300	1540	.84	.99	1.0	6.9	23,400	1740	.86	1.0	1.0	6.6	22,600	1960	.87	1.0	1.0	6.4	21,800	2210	.90	1.0	1.0
67°F (19°C)	285	600	6.9	23,700	1530	.56	.69	.81	6.7	22,800	1740	.57	.70	.82	6.4	21,900	1960	.57	.71	.84	6.2	21,000	2210	.58	.72	.86
	380	800	7.3	24,800	1540	.60	.75	.90	7.0	23,800	1740	.61	.76	.91	6.7	22,800	1970	.61	.79	.93	6.4	21,900	2210	.63	.80	.95
	470	1000	7.5	25,500	1540	.64	.82	.97	7.2	24,500	1740	.65	.83	.98	6.9	23,500	1970	.66	.85	.99	6.6	22,400	2210	.67	.88	1.0
71°F (22°C)	285	600	7.4	25,400	1540	.43	.54	.66	7.2	24,400	1740	.43	.55	.67	6.9	23,500	1970	.43	.55	.68	6.6	22,500	2210	.43	.56	.69
	380	800	7.8	26,500	1540	.43	.58	.72	7.4	25,400	1750	.44	.59	.74	7.2	24,400	1970	.44	.60	.76	6.8	23,300	2220	.45	.61	.77
	470	1000	8.0	27,200	1540	.45	.62	.79	7.6	26,000	1750	.46	.63	.81	7.3	24,900	1980	.46	.65	.83	7.0	23,900	2220	.46	.66	.85

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-024 — HEATING CAPACITY — CH23-21

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
285	600	7.8	26,500	1910	6.1	20,900	1785	4.5	15,200	1660	3.1	10,500	1490	1.5	5,000	1145
380	800	7.9	27,100	1700	6.3	21,500	1575	4.6	15,800	1450	3.3	11,100	1280	1.6	5,600	935
470	1000	8.1	27,600	1545	6.4	22,000	1420	4.8	16,300	1295	3.4	11,600	1125	1.8	6,100	780

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-024 — HEATING CAPACITY — CH33-30A-F - CH23-31

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
285	600	7.9	26,800	1850	6.2	21,100	1735	4.5	15,400	1620	3.1	10,500	1465	1.5	5,100	1120
380	800	8.0	27,400	1645	6.4	21,700	1530	4.7	16,000	1415	3.3	11,100	1260	1.7	5,700	915
470	1000	8.2	27,900	1495	6.5	22,200	1380	4.8	16,500	1265	3.4	11,600	1110	1.8	6,200	765

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-024 — HEATING PERFORMANCE
CH23-21 at 800 cfm (380 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	1700	27,100	7.9
60	16	1670	25,800	7.6
55	13	1640	24,400	7.2
50	10	1610	23,100	6.8
47	8	1590	22,300	6.5
45	7	1575	21,500	6.3
40	4	1535	19,700	5.8
35	2	1500	17,800	5.2
30	-1	1475	16,800	4.9
25	-4	1450	15,800	4.6
20	-7	1425	14,900	4.4
17	-8	1410	14,300	4.2
15	-9	1400	13,800	4.0
10	-12	1370	12,400	3.6
5	-15	1280	11,100	3.3
0	-18	1195	9,700	2.8
-5	-21	1105	8,400	2.5
-10	-23	1020	7,000	2.1
-15	-26	935	5,600	1.6
-20	-29	845	4,300	1.3

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-024 — HEATING PERFORMANCE
CH33-30A-F - CH23-31 at 800 cfm (380 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	1645	27,400	8.0
60	16	1615	26,000	7.6
55	13	1590	24,700	7.2
50	10	1560	23,300	6.8
47	8	1545	22,500	6.6
45	7	1530	21,700	6.4
40	4	1495	19,800	5.8
35	2	1460	17,900	5.2
30	-1	1440	16,900	5.0
25	-4	1415	16,000	4.7
20	-7	1395	15,000	4.4
17	-8	1380	14,400	4.2
15	-9	1370	13,900	4.1
10	-12	1345	12,500	3.7
5	-15	1260	11,100	3.3
0	-18	1170	9,800	2.9
-5	-21	1085	8,400	2.5
-10	-23	1000	7,100	2.1
-15	-26	915	5,700	1.7
-20	-29	830	4,300	1.3

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-024 — COOLING CAPACITY — CH33-36A/B/C-F - CH23-41

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb	
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	kW	Btuh		75°F 24°C	80°F 27°C	kW	Btuh		75°F 24°C	80°F 27°C	kW	Btuh		75°F 24°C	80°F 27°C
63°F (17°C)	285	600	6.7	22,900	1530	.71	.84	6.4	22,000	1730	.72	.85	6.2	21,100	1950	.73	.88	5.9	20,200	2190	.74	.90
	380	800	7.1	24,200	1530	.78	.93	6.8	23,200	1730	.79	.95	6.5	22,300	1950	.81	.97	6.3	21,400	2200	.83	.99
	470	1000	7.4	25,200	1530	.85	1.0	7.1	24,300	1740	.86	1.0	6.9	23,400	1960	.88	1.0	6.6	22,500	2200	.90	1.0
67°F (19°C)	285	600	7.2	24,500	1530	.56	.69	6.9	23,500	1740	.56	.69	6.6	22,600	1960	.57	.71	6.3	21,600	2200	.58	.72
	380	800	7.5	25,700	1530	.60	.75	7.2	24,600	1740	.61	.77	6.9	23,600	1960	.61	.78	6.6	22,600	2200	.63	.80
	470	1000	7.8	26,500	1530	.64	.82	7.4	25,400	1740	.65	.84	7.1	24,300	1970	.66	.86	6.8	23,200	2210	.68	.88
71°F (22°C)	285	600	7.7	26,300	1530	.43	.54	7.4	25,300	1740	.42	.55	7.1	24,200	1960	.43	.55	6.8	23,200	2210	.43	.56
	380	800	8.1	27,600	1530	.43	.58	7.7	26,400	1750	.44	.59	7.4	25,200	1970	.44	.60	7.1	24,100	2210	.45	.61
	470	1000	8.3	28,300	1530	.45	.63	7.9	27,000	1750	.46	.64	7.6	25,800	1980	.47	.66	7.2	24,700	2220	.47	.67

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-030 — COOLING CAPACITY — CB29M-41

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb	
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	kW	Btuh		75°F 24°C	80°F 27°C	kW	Btuh		75°F 24°C	80°F 27°C	kW	Btuh		75°F 24°C	80°F 27°C
63°F (17°C)	380	800	8.4	28,700	1800	.72	.86	8.1	27,700	2040	.73	.87	7.8	26,600	2300	.74	.89	7.5	25,600	2600	.76	.90
	470	1000	8.7	29,800	1800	.77	.92	8.4	28,800	2040	.78	.93	8.1	27,700	2300	.80	.95	7.8	26,600	2600	.82	.97
	565	1200	9.0	30,800	1810	.82	.97	8.7	29,700	2050	.84	.98	8.4	28,600	2310	.85	1.0	8.1	27,600	2600	.87	1.0
67°F (19°C)	380	800	9.0	30,700	1800	.56	.69	8.6	29,500	2040	.57	.71	8.3	28,400	2300	.58	.72	8.0	27,200	2600	.58	.73
	470	1000	9.3	31,700	1800	.59	.74	8.9	30,500	2050	.60	.76	8.6	29,200	2310	.61	.78	8.2	28,000	2600	.62	.79
	565	1200	9.5	32,400	1800	.62	.80	9.1	31,100	2050	.63	.81	8.8	29,900	2320	.64	.83	8.4	28,600	2600	.66	.85
71°F (22°C)	380	800	9.6	32,900	1800	.43	.54	9.3	31,600	2050	.43	.55	8.9	30,400	2310	.43	.56	8.5	29,100	2610	.43	.57
	470	1000	9.9	33,900	1800	.43	.58	9.5	32,500	2050	.44	.59	9.1	31,200	2320	.44	.60	8.8	29,900	2610	.44	.61
	565	1200	10.1	34,600	1800	.45	.61	9.7	33,200	2060	.45	.62	9.3	31,800	2320	.46	.63	8.9	30,400	2610	.46	.65

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-024 — HEATING CAPACITY — CH33-36A/B/C-F - CH23-41

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
285	600	7.9	26,900	1790	6.2	21,200	1665	4.5	15,400	1525	3.1	10,500	1425	1.5	5,100	1090
380	800	8.1	27,500	1590	6.4	21,800	1465	4.7	16,000	1325	3.3	11,100	1225	1.7	5,700	890
470	1000	8.2	28,000	1445	6.5	22,300	1320	4.8	16,500	1180	3.4	11,600	1080	1.8	6,200	745

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-030 — HEATING CAPACITY — CB29M-41

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
380	800	10.8	36,700	2465	8.5	29,100	2265	6.2	21,100	2055	4.5	15,200	1840	2.1	7,300	1405
470	1000	11.0	37,400	2245	8.7	29,800	2045	6.4	21,800	1835	4.7	15,900	1620	2.3	8,000	1185
565	1200	11.1	37,900	2075	8.9	30,300	1875	6.5	22,300	1665	4.8	16,400	1450	2.5	8,500	1015

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-024 — HEATING PERFORMANCE
CH33-36A/B/C-F - CH23-41 at 800 cfm (380 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	1590	27,500	8.1
60	16	1560	26,200	7.7
55	13	1535	24,800	7.3
50	10	1510	23,400	6.9
47	8	1495	22,600	6.6
45	7	1465	21,800	6.4
40	4	1385	19,900	5.8
35	2	1305	18,000	5.3
30	-1	1315	17,000	5.0
25	-4	1325	16,000	4.7
20	-7	1335	15,000	4.4
17	-8	1345	14,400	4.2
15	-9	1335	13,900	4.1
10	-12	1305	12,500	3.7
5	-15	1225	11,100	3.3
0	-18	1140	9,800	2.9
-5	-21	1055	8,400	2.5
-10	-23	975	7,000	2.1
-15	-26	890	5,700	1.7
-20	-29	805	4,300	1.3

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-030 — HEATING PERFORMANCE
CB29M-41 at 1000 cfm (470 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	2245	37,400	11.0
60	16	2200	35,600	10.4
55	13	2150	33,900	9.9
50	10	2105	32,100	9.4
47	8	2075	31,000	9.1
45	7	2045	29,800	8.7
40	4	1965	26,800	7.9
35	2	1885	23,800	7.0
30	-1	1860	22,800	6.7
25	-4	1835	21,800	6.4
20	-7	1810	20,900	6.1
17	-8	1795	20,300	5.9
15	-9	1775	19,600	5.7
10	-12	1725	17,800	5.2
5	-15	1620	15,900	4.7
0	-18	1510	13,900	4.1
-5	-21	1400	11,900	3.5
-10	-23	1295	10,000	2.9
-15	-26	1185	8,000	2.3
-20	-29	1075	6,100	1.8

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-030 — COOLING CAPACITY — CB30M-21/26 — CB30U-21/26

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	380	800	8.6	29,500	1830	.72	.85	.97	8.3	28,400	2070	.73	.87	.99	8.0	27,300	2340	.75	.89	1.0	7.7	26,200	2640	.76	.90	1.0
	470	1000	9.0	30,600	1830	.77	.92	1.0	8.6	29,500	2080	.78	.94	1.0	8.3	28,400	2340	.80	.95	1.0	8.0	27,200	2630	.82	.97	1.0
	565	1200	9.3	31,700	1830	.82	.97	1.0	8.9	30,500	2080	.84	.98	1.0	8.6	29,400	2340	.85	1.0	1.0	8.3	28,200	2640	.87	1.0	1.0
67°F (19°C)	380	800	9.2	31,500	1830	.57	.69	.82	8.9	30,300	2070	.57	.70	.84	8.5	29,100	2340	.58	.72	.85	8.2	27,900	2640	.58	.73	.87
	470	1000	9.6	32,600	1830	.59	.75	.89	9.2	31,300	2080	.60	.76	.90	8.8	30,000	2350	.61	.78	.92	8.4	28,700	2640	.62	.79	.94
	565	1200	9.8	33,300	1830	.62	.80	.94	9.4	32,000	2080	.63	.81	.96	9.0	30,700	2350	.64	.83	.98	8.6	29,300	2640	.66	.85	.99
71°F (22°C)	380	800	9.9	33,800	1830	.42	.54	.67	9.5	32,400	2080	.43	.55	.68	9.1	31,100	2350	.43	.56	.69	8.7	29,800	2640	.43	.57	.70
	470	1000	10.2	34,900	1830	.43	.58	.72	9.8	33,400	2090	.44	.59	.74	9.4	32,000	2350	.44	.60	.75	9.0	30,700	2650	.45	.61	.77
	565	1200	10.4	35,600	1830	.45	.61	.77	10.0	34,100	2090	.45	.62	.79	9.6	32,700	2350	.46	.63	.81	9.1	31,200	2650	.46	.65	.83

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-030 — COOLING CAPACITY — CB30M-31 — CB30U-31

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	380	800	8.8	29,900	1830	.72	.85	.97	8.4	28,800	2070	.73	.87	.99	8.1	27,700	2340	.74	.88	1.0	7.8	26,500	2630	.75	.90	1.0
	470	1000	9.1	31,200	1830	.77	.92	1.0	8.8	30,000	2080	.78	.94	1.0	8.4	28,800	2340	.80	.95	1.0	8.1	27,600	2640	.81	.97	1.0
	565	1200	9.5	32,300	1830	.82	.97	1.0	9.1	31,000	2080	.84	.99	1.0	8.7	29,800	2350	.85	1.0	1.0	8.4	28,700	2640	.87	1.0	1.0
67°F (19°C)	380	800	9.4	32,100	1830	.56	.69	.82	9.0	30,800	2080	.57	.70	.83	8.7	29,600	2350	.57	.71	.85	8.3	28,300	2640	.58	.73	.87
	470	1000	9.7	33,200	1830	.59	.74	.89	9.3	31,900	2080	.60	.76	.90	8.9	30,500	2350	.61	.77	.93	8.6	29,200	2640	.62	.79	.95
	565	1200	10.0	34,100	1830	.62	.79	.94	9.6	32,600	2080	.63	.81	.96	9.1	31,200	2360	.65	.83	.98	8.7	29,800	2650	.66	.85	1.0
71°F (22°C)	380	800	10.1	34,400	1830	.42	.54	.66	9.7	33,000	2090	.43	.55	.68	9.3	31,700	2360	.43	.56	.69	8.9	30,300	2650	.43	.57	.70
	470	1000	10.4	35,600	1830	.44	.58	.72	10.0	34,100	2090	.44	.59	.73	9.6	32,600	2360	.44	.60	.75	9.1	31,200	2650	.45	.61	.77
	565	1200	10.7	36,400	1830	.44	.61	.77	10.2	34,900	2090	.45	.62	.79	9.8	33,300	2360	.45	.63	.81	9.3	31,800	2650	.46	.65	.83

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-030 — HEATING CAPACITY — CB30M-21/26 — CB30U-21/26

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
380	800	10.8	36,700	2495	8.5	29,100	2195	6.2	21,100	1890	4.5	15,200	1620	2.1	7,300	1260
470	1000	11.0	37,400	2275	8.7	29,800	1975	6.4	21,800	1670	4.7	15,900	1400	2.3	8,000	1040
565	1200	11.1	37,900	2110	8.9	30,300	1810	6.5	22,300	1505	4.8	16,400	1235	2.5	8,500	875

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-030 — HEATING CAPACITY — CB30M-31 — CB30U-31

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
380	800	10.8	37,000	2325	8.6	29,200	2165	6.2	21,000	1995	4.4	14,900	1805	2.1	7,300	1365
470	1000	11.0	37,600	2130	8.7	29,800	1970	6.3	21,600	1800	4.5	15,500	1610	2.3	7,900	1170
565	1200	11.1	38,000	1985	8.9	30,200	1825	6.4	22,000	1655	4.7	15,900	1465	2.4	8,300	1025

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-030 — HEATING PERFORMANCE
CB30M-21/26/CB30U-21/26 at 1000 cfm (470 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	2275	37,400	11.0
60	16	2205	35,600	10.4
55	13	2130	33,900	9.9
50	10	2060	32,100	9.4
47	8	2015	31,000	9.1
45	7	1975	29,800	8.7
40	4	1875	26,800	7.9
35	2	1770	23,800	7.0
30	-1	1720	22,800	6.7
25	-4	1670	21,800	6.4
20	-7	1620	20,900	6.1
17	-8	1585	20,300	5.9
15	-9	1560	19,600	5.7
10	-12	1485	17,800	5.2
5	-15	1400	15,900	4.7
0	-18	1310	13,900	4.1
-5	-21	1220	11,900	3.5
-10	-23	1130	10,000	2.9
-15	-26	1040	8,000	2.3
-20	-29	950	6,100	1.8

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-030 — HEATING PERFORMANCE
CB30M-31/CB30U-31 at 1000 cfm (470 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	2130	37,600	11.0
60	16	2095	35,800	10.5
55	13	2055	33,900	9.9
50	10	2020	32,100	9.4
47	8	1995	31,000	9.1
45	7	1970	29,800	8.7
40	4	1900	26,700	7.8
35	2	1830	23,700	6.9
30	-1	1815	22,700	6.7
25	-4	1800	21,600	6.3
20	-7	1780	20,600	6.0
17	-8	1770	20,000	5.9
15	-9	1755	19,300	5.7
10	-12	1720	17,400	5.1
5	-15	1610	15,500	4.5
0	-18	1500	13,600	4.0
-5	-21	1390	11,700	3.4
-10	-23	1280	9,800	2.9
-15	-26	1170	7,900	2.3
-20	-29	1060	6,000	1.8

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-030 — COOLING CAPACITY — CB30M-41 — CB30U-41/46

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	380	800	8.8	30,000	1830	.72	.85	.97	8.4	28,800	2070	.73	.87	.99	8.1	27,700	2340	.74	.88	1.0	7.8	26,500	2630	.75	.90	1.0
	470	1000	9.2	31,300	1830	.77	.92	1.0	8.8	30,000	2080	.78	.94	1.0	8.4	28,800	2340	.80	.95	1.0	8.1	27,600	2640	.81	.97	1.0
	565	1200	9.5	32,300	1830	.82	.98	1.0	9.1	31,100	2080	.84	.99	1.0	8.8	29,900	2350	.85	1.0	1.0	8.4	28,800	2640	.87	1.0	1.0
67°F (19°C)	380	800	9.4	32,200	1830	.56	.69	.82	9.1	30,900	2080	.57	.70	.83	8.7	29,600	2350	.57	.71	.85	8.3	28,300	2640	.58	.73	.87
	470	1000	9.8	33,400	1830	.59	.74	.89	9.3	31,900	2080	.60	.76	.90	9.0	30,600	2350	.61	.77	.93	8.6	29,200	2650	.62	.79	.95
	565	1200	10.0	34,200	1830	.62	.79	.95	9.6	32,700	2090	.63	.81	.97	9.2	31,300	2360	.64	.83	.98	8.8	29,900	2650	.66	.85	1.0
71°F (22°C)	380	800	10.1	34,600	1830	.42	.54	.66	9.7	33,100	2090	.43	.55	.67	9.3	31,700	2350	.43	.56	.69	8.9	30,400	2650	.43	.57	.70
	470	1000	10.5	35,800	1830	.43	.58	.72	10.0	34,200	2090	.44	.58	.73	9.6	32,700	2360	.44	.60	.75	9.1	31,200	2650	.45	.61	.77
	565	1200	10.7	36,600	1820	.45	.61	.77	10.3	35,000	2090	.45	.62	.79	9.8	33,400	2360	.46	.63	.81	9.3	31,900	2650	.46	.65	.83

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-030 — COOLING CAPACITY — CB30M-46

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	380	800	8.8	30,100	1830	.72	.85	.97	8.5	28,900	2070	.73	.87	.99	8.1	27,800	2340	.74	.88	1.0	7.8	26,600	2630	.75	.90	1.0
	470	1000	9.2	31,400	1830	.77	.92	1.0	8.8	30,100	2080	.78	.94	1.0	8.5	28,900	2340	.80	.96	1.0	8.1	27,700	2640	.81	.97	1.0
	565	1200	9.5	32,400	1830	.82	.98	1.0	9.1	31,200	2080	.84	.99	1.0	8.8	30,000	2350	.85	1.0	1.0	8.5	28,900	2640	.88	1.0	1.0
67°F (19°C)	380	800	9.5	32,300	1830	.56	.69	.82	9.1	31,000	2080	.57	.70	.83	8.7	29,700	2350	.58	.71	.85	8.3	28,400	2640	.58	.73	.87
	470	1000	9.8	33,500	1830	.59	.74	.89	9.4	32,000	2080	.60	.76	.90	9.0	30,700	2350	.61	.77	.93	8.6	29,300	2650	.62	.79	.95
	565	1200	10.1	34,300	1830	.62	.79	.95	9.6	32,800	2090	.63	.81	.97	9.2	31,400	2360	.65	.83	.98	8.8	30,000	2650	.66	.85	1.0
71°F (22°C)	380	800	10.2	34,700	1830	.42	.54	.66	9.7	33,200	2090	.42	.55	.67	9.3	31,800	2350	.43	.56	.69	8.9	30,500	2650	.43	.56	.70
	470	1000	10.5	35,900	1830	.43	.57	.72	10.1	34,300	2090	.44	.59	.73	9.6	32,800	2360	.44	.59	.75	9.2	31,300	2650	.44	.61	.77
	565	1200	10.8	36,700	1820	.45	.61	.77	10.3	35,100	2090	.45	.62	.79	9.8	33,500	2360	.45	.63	.81	9.4	32,000	2650	.46	.65	.83

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-030 — HEATING CAPACITY — CB30M-41 — CB30U-41/46

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
380	800	10.9	37,100	2255	8.6	29,300	2115	6.2	21,100	1970	4.4	15,000	1800	2.2	7,400	1360
470	1000	11.0	37,600	2055	8.7	29,800	1915	6.3	21,600	1770	4.5	15,500	1600	2.3	7,900	1160
565	1200	11.1	38,000	1905	8.9	30,200	1765	6.4	22,000	1620	4.7	15,900	1450	2.4	8,300	1010

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-030 — HEATING CAPACITY — CB30M-46

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
380	800	10.8	37,000	2305	8.6	29,200	2140	6.2	21,000	1970	4.4	14,900	1785	2.1	7,300	1355
470	1000	11.0	37,600	2105	8.7	29,800	1940	6.3	21,600	1770	4.5	15,500	1585	2.3	7,900	1155
565	1200	11.2	38,100	1955	8.9	30,300	1790	6.5	22,100	1620	4.7	16,000	1435	2.5	8,400	1005

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-030 — HEATING PERFORMANCE CB30M-41/CB30U-41/46 at 1000 cfm (470 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	2055	37,600	11.0
60	16	2025	35,800	10.5
55	13	1995	33,900	9.9
50	10	1960	32,100	9.4
47	8	1940	31,000	9.1
45	7	1915	29,800	8.7
40	4	1855	26,700	7.8
35	2	1795	23,700	6.9
30	-1	1780	22,700	6.7
25	-4	1770	21,600	6.3
20	-7	1760	20,600	6.0
17	-8	1750	20,000	5.9
15	-9	1740	19,300	5.7
10	-12	1710	17,400	5.1
5	-15	1600	15,500	4.5
0	-18	1490	13,600	4.0
-5	-21	1380	11,700	3.4
-10	-23	1270	9,800	2.9
-15	-26	1160	7,900	2.3
-20	-29	1050	6,000	1.8

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-030 — HEATING PERFORMANCE CB30M-46 at 1000 cfm (470 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	2105	37,600	11.0
60	16	2065	35,800	10.5
55	13	2030	33,900	9.9
50	10	1990	32,100	9.4
47	8	1970	31,000	9.1
45	7	1940	29,800	8.7
40	4	1875	26,700	7.8
35	2	1805	23,700	6.9
30	-1	1790	22,700	6.7
25	-4	1770	21,600	6.3
20	-7	1755	20,600	6.0
17	-8	1745	20,000	5.9
15	-9	1730	19,300	5.7
10	-12	1690	17,400	5.1
5	-15	1585	15,500	4.5
0	-18	1475	13,600	4.0
-5	-21	1370	11,700	3.4
-10	-23	1260	9,800	2.9
-15	-26	1155	7,900	2.3
-20	-29	1045	6,000	1.8

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-030 — COOLING CAPACITY — CB31MV-41

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	380	800	8.8	30,100	1830	.72	.85	.97	8.5	28,900	2070	.73	.87	.99	8.1	27,800	2340	.74	.88	1.0	7.8	26,600	2630	.75	.90	1.0
	470	1000	9.2	31,400	1830	.77	.92	1.0	8.8	30,100	2080	.78	.94	1.0	8.5	28,900	2340	.80	.96	1.0	8.1	27,700	2640	.81	.97	1.0
	565	1200	9.5	32,400	1830	.82	.98	1.0	9.1	31,200	2080	.84	.99	1.0	8.8	30,000	2350	.85	1.0	1.0	8.5	28,900	2640	.88	1.0	1.0
67°F (19°C)	380	800	9.5	32,300	1830	.56	.69	.82	9.1	31,000	2080	.57	.70	.83	8.7	29,700	2350	.58	.71	.85	8.3	28,400	2640	.58	.73	.87
	470	1000	9.8	33,500	1830	.59	.74	.89	9.4	32,000	2080	.60	.76	.90	9.0	30,700	2350	.61	.77	.93	8.6	29,300	2650	.62	.79	.95
	565	1200	10.1	34,300	1830	.62	.79	.95	9.6	32,800	2090	.63	.81	.97	9.2	31,400	2360	.65	.83	.98	8.8	30,000	2650	.66	.85	1.0
71°F (22°C)	380	800	10.2	34,700	1830	.42	.54	.66	9.7	33,200	2090	.42	.55	.67	9.3	31,800	2350	.43	.56	.69	8.9	30,500	2650	.43	.56	.70
	470	1000	10.5	35,900	1830	.43	.57	.72	10.1	34,300	2090	.44	.59	.73	9.6	32,800	2360	.44	.59	.75	9.2	31,300	2650	.44	.61	.77
	565	1200	10.8	36,700	1820	.45	.61	.77	10.3	35,100	2090	.45	.62	.79	9.8	33,500	2360	.45	.63	.81	9.4	32,000	2650	.46	.65	.83

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-030 — COOLING CAPACITY — CVP10-31/EC10Q3

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	380	800	8.5	29,000	1810	.72	.85	.97	8.2	27,900	2050	.73	.87	.98	7.9	26,900	2310	.74	.88	1.0	7.5	25,700	2610	.75	.90	1.0
	470	1000	8.9	30,200	1810	.77	.92	1.0	8.5	29,100	2050	.78	.93	1.0	8.2	28,000	2310	.79	.95	1.0	7.9	26,800	2610	.81	.97	1.0
	565	1200	9.1	31,200	1810	.82	.97	1.0	8.8	30,100	2060	.83	.98	1.0	8.5	29,000	2320	.85	1.0	1.0	8.2	27,900	2610	.87	1.0	1.0
67°F (19°C)	380	800	9.1	31,000	1810	.56	.69	.82	8.7	29,800	2050	.57	.70	.83	8.4	28,700	2320	.57	.71	.85	8.0	27,400	2610	.58	.73	.87
	470	1000	9.4	32,100	1810	.59	.74	.89	9.0	30,800	2060	.60	.76	.90	8.7	29,600	2320	.61	.77	.92	8.3	28,300	2610	.62	.79	.94
	565	1200	9.6	32,900	1810	.62	.79	.95	9.3	31,600	2060	.63	.81	.96	8.9	30,300	2330	.64	.83	.98	8.5	29,000	2620	.66	.85	.99
71°F (22°C)	380	800	9.8	33,300	1810	.42	.54	.66	9.4	32,000	2060	.43	.55	.68	9.0	30,700	2330	.43	.56	.69	8.6	29,400	2620	.43	.57	.70
	470	1000	10.1	34,400	1810	.43	.58	.72	9.7	33,000	2070	.44	.58	.73	9.3	31,600	2330	.44	.59	.75	8.9	30,300	2620	.45	.60	.77
	565	1200	10.3	35,200	1810	.45	.61	.77	9.9	33,700	2070	.45	.62	.79	9.5	32,300	2330	.46	.63	.81	9.1	30,900	2620	.46	.64	.83

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-030 — HEATING CAPACITY — CB31MV-41

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
380	800	10.8	36,800	2240	8.5	28,900	2095	6.1	20,700	1945	4.3	14,600	1765	2.1	7,100	1330
470	1000	11.0	37,400	2065	8.6	29,500	1920	6.2	21,300	1770	4.5	15,200	1590	2.3	7,700	1155
565	1200	11.1	37,800	1940	8.8	29,900	1795	6.4	21,700	1645	4.6	15,600	1465	2.4	8,100	1030

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-030 — HEATING CAPACITY — CVP10-31/EC10Q3

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
380	800	10.4	35,400	2280	8.3	28,400	2035	6.2	21,000	1780	4.5	15,400	1540	2.2	7,500	1170
470	1000	10.5	35,900	2170	8.5	28,900	1925	6.3	21,500	1670	4.7	15,900	1430	2.3	8,000	1060
565	1200	10.7	36,600	2040	8.7	29,600	1795	6.5	22,200	1540	4.9	16,600	1300	2.5	8,700	930

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-030 — HEATING PERFORMANCE CB31MV-41 at 1000 cfm (470 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	2065	37,400	11.0
60	16	2035	35,500	10.4
55	13	2000	33,700	9.9
50	10	1965	31,800	9.3
47	8	1945	30,700	9.0
45	7	1920	29,500	8.6
40	4	1860	26,400	7.7
35	2	1800	23,400	6.9
30	-1	1785	22,300	6.5
25	-4	1770	21,300	6.2
20	-7	1755	20,200	5.9
17	-8	1745	19,600	5.7
15	-9	1735	18,900	5.5
10	-12	1700	17,000	5.0
5	-15	1590	15,200	4.5
0	-18	1485	13,300	3.9
-5	-21	1375	11,400	3.3
-10	-23	1265	9,600	2.8
-15	-26	1155	7,700	2.3
-20	-29	1050	5,900	1.7

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-030 — HEATING PERFORMANCE CVP10-31/EC10Q3 at 1000 cfm (470 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	2170	35,900	10.5
60	16	2115	34,200	10.0
55	13	2055	32,600	9.6
50	10	1995	31,000	9.1
47	8	1960	30,000	8.8
45	7	1925	28,900	8.5
40	4	1835	26,000	7.6
35	2	1745	23,200	6.8
30	-1	1710	22,400	6.6
25	-4	1670	21,500	6.3
20	-7	1630	20,700	6.1
17	-8	1610	20,200	5.9
15	-9	1585	19,500	5.7
10	-12	1525	17,900	5.2
5	-15	1430	15,900	4.7
0	-18	1340	14,000	4.1
-5	-21	1245	12,000	3.5
-10	-23	1150	10,000	2.9
-15	-26	1060	8,000	2.3
-20	-29	965	6,100	1.8

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-030 — COOLING CAPACITY — CVP10-41/EC10Q3 — CVP10-46/EC10Q4

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	380	800	8.6	29,300	1810	.72	.85	.97	8.3	28,200	2050	.72	.87	.98	7.9	27,100	2320	.74	.88	1.0	7.6	26,000	2610	.75	.90	1.0
	470	1000	9.0	30,600	1810	.77	.92	1.0	8.6	29,400	2060	.78	.94	1.0	8.3	28,300	2320	.80	.95	1.0	7.9	27,100	2610	.81	.97	1.0
	565	1200	9.3	31,700	1810	.81	.97	1.0	8.9	30,500	2060	.83	.99	1.0	8.6	29,300	2330	.85	1.0	1.0	8.3	28,200	2620	.87	1.0	1.0
67°F (19°C)	380	800	9.2	31,500	1810	.56	.69	.82	8.9	30,200	2060	.57	.70	.83	8.5	29,000	2330	.58	.71	.85	8.1	27,800	2610	.58	.73	.86
	470	1000	9.6	32,700	1820	.59	.74	.88	9.2	31,300	2060	.60	.75	.90	8.8	30,000	2330	.61	.77	.92	8.4	28,700	2620	.62	.79	.94
	565	1200	9.8	33,500	1810	.62	.79	.94	9.4	32,100	2070	.63	.81	.96	9.0	30,700	2330	.64	.83	.98	8.6	29,300	2630	.66	.85	.99
71°F (22°C)	380	800	9.9	33,800	1810	.43	.54	.66	9.5	32,400	2070	.43	.55	.67	9.1	31,100	2330	.43	.56	.68	8.7	29,800	2620	.43	.56	.70
	470	1000	10.3	35,000	1810	.43	.57	.71	9.8	33,500	2070	.44	.58	.73	9.4	32,100	2340	.44	.59	.74	9.0	30,700	2630	.44	.60	.76
	565	1200	10.5	35,900	1810	.45	.60	.77	10.1	34,300	2070	.45	.62	.78	9.6	32,800	2340	.45	.63	.80	9.2	31,300	2630	.46	.65	.82

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-030 — COOLING CAPACITY — C26-31

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	380	800	8.8	29,900	1830	.72	.86	.97	8.4	28,800	2070	.73	.87	.98	8.1	27,700	2340	.74	.88	1.0	7.8	26,600	2630	.75	.90	1.0
	470	1000	9.1	31,200	1830	.77	.92	1.0	8.8	30,000	2070	.78	.94	1.0	8.4	28,800	2340	.80	.95	1.0	8.1	27,600	2630	.81	.97	1.0
	565	1200	9.4	32,200	1830	.82	.97	1.0	9.1	31,000	2080	.84	.99	1.0	8.7	29,800	2340	.85	1.0	1.0	8.4	28,700	2640	.87	1.0	1.0
67°F (19°C)	380	800	9.4	32,100	1830	.56	.69	.82	9.0	30,800	2080	.57	.70	.83	8.7	29,600	2340	.57	.72	.85	8.3	28,300	2640	.58	.73	.87
	470	1000	9.7	33,200	1830	.59	.74	.89	9.3	31,800	2080	.60	.76	.90	8.9	30,500	2350	.61	.77	.92	8.6	29,200	2640	.62	.79	.95
	565	1200	10.0	34,000	1830	.62	.79	.94	9.6	32,600	2080	.63	.81	.96	9.1	31,200	2350	.65	.83	.98	8.7	29,800	2640	.66	.85	.99
71°F (22°C)	380	800	10.1	34,400	1830	.42	.54	.66	9.7	33,000	2080	.43	.55	.68	9.3	31,700	2350	.43	.56	.69	8.9	30,300	2650	.43	.57	.70
	470	1000	10.4	35,500	1830	.43	.58	.72	10.0	34,000	2090	.44	.59	.74	9.6	32,600	2350	.44	.60	.75	9.1	31,200	2650	.45	.61	.77
	565	1200	10.6	36,300	1830	.45	.61	.77	10.2	34,800	2090	.45	.62	.79	9.8	33,300	2360	.45	.63	.81	9.3	31,800	2650	.46	.64	.83

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-030 — HEATING CAPACITY — CVP10-41/EC10Q3 — CVP10-46/EC10Q4

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
380	800	10.4	35,400	2135	8.3	28,400	2035	6.2	21,000	1925	4.5	15,400	1775	2.2	7,500	1315
470	1000	10.5	35,900	2025	8.5	28,900	1925	6.3	21,500	1815	4.7	15,900	1665	2.3	8,000	1205
565	1200	10.7	36,600	1895	8.7	29,600	1795	6.5	22,200	1685	4.9	16,600	1535	2.5	8,700	1075

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-030 — HEATING CAPACITY — C26-31

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
380	800	10.8	36,900	2335	8.5	29,100	2155	6.1	20,900	1970	4.3	14,800	1770	2.1	7,200	1350
470	1000	11.0	37,600	2120	8.7	29,800	1940	6.3	21,600	1755	4.5	15,500	1555	2.3	7,900	1135
565	1200	11.2	38,100	1950	8.9	30,300	1770	6.5	22,100	1585	4.7	16,000	1385	2.5	8,400	965

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-030 — HEATING PERFORMANCE
CVP10-41/EC10Q3/CVP10-46/EC10Q4 at 1000 cfm (470 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	2025	35,900	10.5
60	16	2005	34,200	10.0
55	13	1980	32,600	9.6
50	10	1960	31,000	9.1
47	8	1945	30,000	8.8
45	7	1925	28,900	8.5
40	4	1870	26,000	7.6
35	2	1820	23,200	6.8
30	-1	1815	22,400	6.6
25	-4	1815	21,500	6.3
20	-7	1815	20,700	6.1
17	-8	1815	20,200	5.9
15	-9	1805	19,500	5.7
10	-12	1785	17,900	5.2
5	-15	1665	15,900	4.7
0	-18	1550	14,000	4.1
-5	-21	1435	12,000	3.5
-10	-23	1320	10,000	2.9
-15	-26	1205	8,000	2.3
-20	-29	1090	6,100	1.8

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-030 — HEATING PERFORMANCE
C26-31 at 1000 cfm (470 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	2120	37,600	11.0
60	16	2080	35,800	10.5
55	13	2035	33,900	9.9
50	10	1995	32,100	9.4
47	8	1970	31,000	9.1
45	7	1940	29,800	8.7
40	4	1870	26,700	7.8
35	2	1795	23,700	6.9
30	-1	1775	22,700	6.7
25	-4	1755	21,600	6.3
20	-7	1730	20,600	6.0
17	-8	1720	20,000	5.9
15	-9	1700	19,300	5.7
10	-12	1660	17,400	5.1
5	-15	1555	15,500	4.5
0	-18	1450	13,600	4.0
-5	-21	1345	11,700	3.4
-10	-23	1240	9,800	2.9
-15	-26	1135	7,900	2.3
-20	-29	1030	6,000	1.8

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-030 — COOLING CAPACITY — C33-38A/B - C26-41

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	380	800	8.8	30,000	1830	.72	.85	.97	8.4	28,800	2070	.73	.87	.98	8.1	27,700	2340	.74	.88	1.0	7.8	26,500	2630	.75	.91	1.0
	470	1000	9.1	31,200	1830	.77	.92	1.0	8.8	30,000	2080	.78	.94	1.0	8.4	28,800	2340	.80	.95	1.0	8.1	27,600	2640	.81	.97	1.0
	565	1200	9.5	32,300	1830	.82	.97	1.0	9.1	31,000	2080	.84	.99	1.0	8.8	29,900	2350	.85	1.0	1.0	8.4	28,800	2640	.87	1.0	1.0
67°F (19°C)	380	800	9.4	32,100	1830	.56	.69	.82	9.0	30,800	2080	.57	.70	.83	8.7	29,600	2350	.57	.71	.85	8.3	28,300	2640	.59	.73	.87
	470	1000	9.8	33,300	1830	.59	.74	.88	9.3	31,900	2080	.60	.76	.91	9.0	30,600	2350	.61	.77	.93	8.6	29,200	2640	.62	.79	.95
	565	1200	10.0	34,100	1830	.62	.79	.94	9.6	32,700	2080	.63	.81	.96	9.2	31,300	2360	.64	.83	.98	8.8	29,900	2650	.66	.85	1.0
71°F (22°C)	380	800	10.1	34,500	1830	.42	.54	.66	9.7	33,100	2090	.43	.55	.67	9.3	31,700	2360	.43	.56	.69	8.9	30,400	2650	.43	.57	.70
	470	1000	10.5	35,700	1830	.43	.57	.72	10.0	34,100	2090	.44	.59	.73	9.6	32,700	2360	.44	.60	.75	9.2	31,300	2650	.44	.61	.77
	565	1200	10.7	36,500	1830	.45	.61	.77	10.2	34,900	2090	.45	.62	.79	9.8	33,300	2360	.46	.63	.81	9.3	31,800	2650	.46	.65	.83

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-030 — COOLING CAPACITY — C33-48B/C - C26-46

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	380	800	8.8	30,100	1830	.72	.85	.97	8.5	29,000	2070	.73	.87	.99	8.1	27,800	2340	.74	.88	1.0	7.8	26,600	2640	.75	.91	1.0
	470	1000	9.2	31,500	1830	.77	.92	1.0	8.9	30,200	2080	.79	.94	1.0	8.5	28,900	2350	.80	.96	1.0	8.1	27,700	2640	.82	.98	1.0
	565	1200	9.5	32,500	1830	.82	.98	1.0	9.2	31,300	2080	.84	.99	1.0	8.8	30,100	2350	.86	1.0	1.0	8.5	29,000	2640	.88	1.0	1.0
67°F (19°C)	380	800	9.5	32,300	1830	.56	.69	.81	9.1	31,000	2080	.57	.70	.83	8.7	29,700	2350	.58	.71	.85	8.3	28,400	2640	.58	.73	.87
	470	1000	9.8	33,500	1830	.59	.74	.89	9.4	32,100	2080	.60	.76	.91	9.0	30,700	2360	.61	.78	.93	8.6	29,400	2650	.62	.79	.95
	565	1200	10.1	34,400	1830	.63	.80	.95	9.6	32,900	2090	.64	.82	.97	9.2	31,400	2360	.65	.84	.99	8.8	30,000	2650	.66	.86	1.0
71°F (22°C)	380	800	10.2	34,700	1830	.42	.54	.66	9.7	33,200	2090	.43	.55	.67	9.3	31,900	2360	.43	.56	.69	8.9	30,500	2650	.43	.57	.70
	470	1000	10.6	36,000	1830	.43	.58	.72	10.1	34,400	2090	.44	.59	.74	9.6	32,800	2360	.44	.60	.75	9.2	31,400	2650	.45	.61	.77
	565	1200	10.8	36,800	1820	.45	.61	.77	10.3	35,100	2090	.45	.62	.79	9.8	33,500	2360	.46	.64	.81	9.4	32,000	2660	.46	.65	.83

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-030 — HEATING CAPACITY — C33-38A/B - C26-41

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
380	800	10.8	36,900	2340	8.5	29,100	2160	6.1	20,900	1975	4.3	14,800	1775	2.1	7,200	1355
470	1000	11.0	37,600	2120	8.7	29,800	1940	6.3	21,600	1755	4.5	15,500	1555	2.3	7,900	1135
565	1200	11.2	38,200	1955	8.9	30,400	1775	6.5	22,200	1590	4.7	16,100	1390	2.5	8,500	970

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-030 — HEATING CAPACITY — C33-48B/C - C26-46

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
380	800	10.8	36,900	2335	8.5	29,100	2155	6.1	20,900	1970	4.3	14,800	1770	2.1	7,200	1350
470	1000	11.0	37,600	2120	8.7	29,800	1940	6.3	21,600	1755	4.5	15,500	1555	2.3	7,900	1135
565	1200	11.2	38,100	1960	8.9	30,300	1780	6.5	22,100	1595	4.7	16,000	1395	2.5	8,400	975

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-030 — HEATING PERFORMANCE C33-38A/B - C26-41 at 1000 cfm (470 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	2120	37,600	11.0
60	16	2080	35,800	10.5
55	13	2035	33,900	9.9
50	10	1995	32,100	9.4
47	8	1970	31,000	9.1
45	7	1940	29,800	8.7
40	4	1870	26,700	7.8
35	2	1795	23,700	6.9
30	-1	1775	22,700	6.7
25	-4	1755	21,600	6.3
20	-7	1730	20,600	6.0
17	-8	1720	20,000	5.9
15	-9	1700	19,300	5.7
10	-12	1660	17,400	5.1
5	-15	1555	15,500	4.5
0	-18	1450	13,600	4.0
-5	-21	1345	11,700	3.4
-10	-23	1240	9,800	2.9
-15	-26	1135	7,900	2.3
-20	-29	1030	6,000	1.8

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-030 — HEATING PERFORMANCE C33-48B/C - C26-46 at 1000 cfm (470 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	2120	37,600	11.0
60	16	2080	35,800	10.5
55	13	2035	33,900	9.9
50	10	1995	32,100	9.4
47	8	1970	31,000	9.1
45	7	1940	29,800	8.7
40	4	1870	26,700	7.8
35	2	1795	23,700	6.9
30	-1	1775	22,700	6.7
25	-4	1755	21,600	6.3
20	-7	1730	20,600	6.0
17	-8	1720	20,000	5.9
15	-9	1700	19,300	5.7
10	-12	1660	17,400	5.1
5	-15	1555	15,500	4.5
0	-18	1450	13,600	4.0
-5	-21	1345	11,700	3.4
-10	-23	1240	9,800	2.9
-15	-26	1135	7,900	2.3
-20	-29	1030	6,000	1.8

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-030 — COOLING CAPACITY — CR26-41

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	380	800	8.8	30,000	1830	.72	.85	.97	8.5	28,900	2070	.73	.87	.99	8.1	27,800	2340	.74	.88	1.0	7.8	26,600	2630	.75	.90	1.0
	470	1000	9.2	31,300	1830	.77	.92	1.0	8.8	30,100	2080	.78	.94	1.0	8.5	28,900	2340	.80	.96	1.0	8.1	27,700	2630	.82	.97	1.0
	565	1200	9.5	32,300	1830	.82	.97	1.0	9.1	31,100	2080	.84	.99	1.0	8.8	29,900	2340	.85	1.0	1.0	8.4	28,800	2640	.87	1.0	1.0
67°F (19°C)	380	800	9.4	32,100	1830	.56	.69	.82	9.1	30,900	2080	.57	.70	.83	8.7	29,600	2340	.58	.72	.85	8.3	28,400	2640	.58	.73	.87
	470	1000	9.8	33,300	1830	.59	.74	.89	9.3	31,900	2080	.60	.76	.90	9.0	30,600	2350	.61	.77	.92	8.6	29,300	2640	.62	.79	.94
	565	1200	10.0	34,100	1830	.62	.79	.94	9.6	32,700	2080	.63	.81	.96	9.2	31,300	2350	.64	.83	.98	8.8	29,900	2650	.66	.85	.99
71°F (22°C)	380	800	10.1	34,500	1830	.42	.54	.66	9.7	33,100	2090	.43	.55	.68	9.3	31,700	2350	.43	.56	.69	8.9	30,400	2650	.43	.57	.70
	470	1000	10.4	35,600	1830	.44	.58	.72	10.0	34,100	2090	.44	.59	.73	9.6	32,700	2360	.44	.60	.75	9.2	31,300	2650	.44	.61	.77
	565	1200	10.7	36,400	1830	.45	.61	.77	10.2	34,900	2090	.45	.62	.79	9.8	33,400	2360	.46	.63	.81	9.3	31,900	2650	.46	.65	.83

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-030 — COOLING CAPACITY — CH33-36A-F - CH23-41

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	380	800	8.6	29,400	1830	.72	.86	.98	8.3	28,300	2070	.73	.87	.99	8.0	27,200	2340	.75	.89	1.0	7.6	26,100	2630	.76	.91	1.0
	470	1000	9.0	30,700	1830	.77	.93	1.0	8.6	29,500	2080	.79	.94	1.0	8.3	28,400	2340	.80	.96	1.0	8.0	27,200	2630	.82	.98	1.0
	565	1200	9.3	31,700	1830	.82	.98	1.0	8.9	30,500	2080	.84	.99	1.0	8.6	29,400	2340	.86	1.0	1.0	8.3	28,300	2640	.88	1.0	1.0
67°F (19°C)	380	800	9.2	31,500	1830	.57	.70	.82	8.9	30,200	2080	.57	.71	.84	8.5	29,000	2340	.58	.72	.86	8.1	27,800	2640	.59	.73	.87
	470	1000	9.6	32,600	1830	.60	.75	.89	9.2	31,300	2080	.61	.76	.91	8.8	30,000	2350	.62	.78	.93	8.4	28,700	2640	.63	.80	.95
	565	1200	9.8	33,400	1830	.63	.80	.95	9.4	32,000	2080	.64	.82	.97	9.0	30,700	2350	.65	.84	.98	8.6	29,300	2650	.66	.86	1.0
71°F (22°C)	380	800	9.9	33,800	1830	.42	.54	.67	9.5	32,400	2090	.43	.55	.68	9.1	31,100	2350	.43	.56	.69	8.7	29,800	2650	.43	.57	.71
	470	1000	10.2	34,900	1830	.44	.58	.72	9.8	33,400	2090	.44	.59	.74	9.4	32,000	2360	.44	.60	.76	9.0	30,600	2650	.45	.61	.77
	565	1200	10.5	35,700	1830	.45	.61	.78	10.0	34,100	2090	.45	.63	.80	9.6	32,600	2360	.46	.64	.81	9.1	31,200	2650	.46	.65	.84

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-030 — HEATING CAPACITY — CR26-41

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil													
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
380	800	10.8	36,900	2335	8.5	29,100	2155	6.1	20,900	1970	4.3	14,800	1770	2.1	7,200	1350
470	1000	11.0	37,600	2120	8.7	29,800	1940	6.3	21,600	1755	4.5	15,500	1555	2.3	7,900	1135
565	1200	11.2	38,200	1955	8.9	30,400	1775	6.5	22,200	1590	4.7	16,100	1390	2.5	8,500	970

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-030 — HEATING CAPACITY — CH33-36A-F - CH23-41

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil													
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
380	800	10.8	36,900	2370	8.5	29,100	2195	6.1	20,900	2010	4.3	14,800	1815	2.1	7,200	1385
470	1000	11.0	37,600	2155	8.7	29,800	1980	6.3	21,600	1795	4.5	15,500	1600	2.3	7,900	1170
565	1200	11.2	38,100	1990	8.9	30,300	1815	6.5	22,100	1630	4.7	16,000	1435	2.5	8,400	1005

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-030 — HEATING PERFORMANCE CR26-41 at 1000 cfm (470 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	2120	37,600	11.0
60	16	2080	35,800	10.5
55	13	2035	33,900	9.9
50	10	1995	32,100	9.4
47	8	1970	31,000	9.1
45	7	1940	29,800	8.7
40	4	1870	26,700	7.8
35	2	1795	23,700	6.9
30	-1	1775	22,700	6.7
25	-4	1755	21,600	6.3
20	-7	1730	20,600	6.0
17	-8	1720	20,000	5.9
15	-9	1700	19,300	5.7
10	-12	1660	17,400	5.1
5	-15	1555	15,500	4.5
0	-18	1450	13,600	4.0
-5	-21	1345	11,700	3.4
-10	-23	1240	9,800	2.9
-15	-26	1135	7,900	2.3
-20	-29	1030	6,000	1.8

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-030 — HEATING PERFORMANCE CH33-36A-F - CH23-41 at 1000 cfm (470 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	2155	37,600	11.0
60	16	2110	35,800	10.5
55	13	2070	33,900	9.9
50	10	2030	32,100	9.4
47	8	2010	31,000	9.1
45	7	1980	29,800	8.7
40	4	1905	26,700	7.8
35	2	1835	23,700	6.9
30	-1	1815	22,700	6.7
25	-4	1795	21,600	6.3
20	-7	1780	20,600	6.0
17	-8	1765	20,000	5.9
15	-9	1750	19,300	5.7
10	-12	1710	17,400	5.1
5	-15	1600	15,500	4.5
0	-18	1495	13,600	4.0
-5	-21	1385	11,700	3.4
-10	-23	1275	9,800	2.9
-15	-26	1170	7,900	2.3
-20	-29	1060	6,000	1.8

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-030 — COOLING CAPACITY — CH33-42B-F - CH23-51

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	380	800	8.8	29,900	1830	.72	.86	.97	8.4	28,800	2080	.73	.87	.99	8.1	27,700	2340	.75	.88	1.0	7.8	26,500	2630	.76	.91	1.0
	470	1000	9.1	31,200	1830	.77	.92	1.0	8.8	30,000	2080	.79	.94	1.0	8.4	28,800	2340	.80	.96	1.0	8.1	27,600	2640	.82	.98	1.0
	565	1200	9.5	32,300	1830	.82	.98	1.0	9.1	31,100	2080	.84	.99	1.0	8.8	29,900	2350	.86	1.0	1.0	8.4	28,800	2640	.88	1.0	1.0
67°F (19°C)	380	800	9.4	32,100	1830	.56	.69	.82	9.0	30,800	2080	.57	.70	.83	8.6	29,500	2350	.58	.72	.85	8.3	28,300	2640	.58	.73	.87
	470	1000	9.7	33,200	1830	.59	.75	.89	9.3	31,900	2080	.60	.76	.91	8.9	30,500	2350	.61	.78	.93	8.6	29,200	2640	.62	.79	.95
	565	1200	10.0	34,100	1830	.63	.80	.95	9.6	32,600	2090	.64	.82	.97	9.1	31,200	2360	.65	.84	.99	8.7	29,800	2650	.66	.86	1.0
71°F (22°C)	380	800	10.1	34,400	1830	.42	.55	.67	9.7	33,000	2090	.43	.55	.68	9.3	31,600	2360	.43	.56	.69	8.9	30,300	2650	.43	.57	.70
	470	1000	10.4	35,600	1830	.44	.58	.72	10.0	34,100	2090	.44	.59	.74	9.6	32,600	2360	.44	.60	.75	9.1	31,200	2650	.45	.61	.77
	565	1200	10.7	36,400	1830	.45	.61	.78	10.2	34,800	2090	.45	.62	.79	9.8	33,300	2360	.46	.64	.81	9.3	31,800	2650	.46	.65	.83

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-030 — COOLING CAPACITY — CH23-65

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	380	800	8.8	30,100	1830	.72	.85	.97	8.5	28,900	2070	.73	.87	.99	8.1	27,800	2340	.74	.88	1.0	7.8	26,600	2640	.75	.90	1.0
	470	1000	9.2	31,400	1830	.77	.92	1.0	8.9	30,200	2080	.79	.94	1.0	8.5	28,900	2350	.80	.96	1.0	8.1	27,700	2640	.82	.98	1.0
	565	1200	9.6	32,600	1830	.82	.98	1.0	9.2	31,300	2080	.84	.99	1.0	8.8	30,100	2350	.86	1.0	1.0	8.5	28,900	2640	.88	1.0	1.0
67°F (19°C)	380	800	9.5	32,300	1830	.56	.69	.81	9.1	31,000	2080	.57	.70	.83	8.7	29,700	2350	.58	.71	.85	8.3	28,400	2640	.58	.73	.87
	470	1000	9.8	33,500	1830	.59	.74	.89	9.4	32,100	2090	.60	.76	.91	9.0	30,700	2360	.61	.78	.93	8.6	29,300	2650	.62	.80	.95
	565	1200	10.1	34,400	1830	.62	.80	.95	9.6	32,900	2090	.64	.81	.97	9.2	31,400	2360	.65	.84	.99	8.8	30,000	2650	.66	.86	1.0
71°F (22°C)	380	800	10.2	34,700	1830	.42	.54	.66	9.8	33,300	2090	.43	.55	.67	9.3	31,800	2360	.43	.56	.69	8.9	30,500	2650	.43	.57	.70
	470	1000	10.6	36,000	1820	.43	.58	.72	10.1	34,400	2090	.44	.58	.73	9.6	32,800	2360	.44	.60	.75	9.2	31,400	2650	.45	.61	.77
	565	1200	10.8	36,900	1820	.45	.61	.77	10.3	35,100	2090	.45	.62	.79	9.8	33,500	2360	.46	.64	.81	9.4	32,000	2660	.46	.65	.83

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-030 — HEATING CAPACITY — CH33-42B-F - CH23-51

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
380	800	10.8	36,900	2340	8.5	29,100	2130	6.1	20,900	1885	4.3	14,800	1775	2.1	7,200	1355
470	1000	11.0	37,600	2120	8.7	29,800	1910	6.3	21,600	1665	4.5	15,500	1555	2.3	7,900	1135
565	1200	11.2	38,100	1955	8.9	30,300	1745	6.5	22,100	1500	4.7	16,000	1390	2.5	8,400	970

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-030 — HEATING CAPACITY — CH23-65

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
380	800	10.8	36,900	2280	8.5	29,100	2090	6.1	20,900	1870	4.3	14,800	1780	2.1	7,200	1355
470	1000	11.0	37,600	2065	8.7	29,800	1875	6.3	21,600	1655	4.5	15,500	1565	2.3	7,900	1140
565	1200	11.2	38,100	1895	8.9	30,300	1705	6.5	22,100	1485	4.7	16,000	1395	2.5	8,400	970

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-030 — HEATING PERFORMANCE
CH33-42B-F - CH23-51 at 1000 cfm (470 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	2120	37,600	11.0
60	16	2080	35,800	10.5
55	13	2035	33,900	9.9
50	10	1995	32,100	9.4
47	8	1970	31,000	9.1
45	7	1910	29,800	8.7
40	4	1750	26,700	7.8
35	2	1595	23,700	6.9
30	-1	1630	22,700	6.7
25	-4	1665	21,600	6.3
20	-7	1700	20,600	6.0
17	-8	1720	20,000	5.9
15	-9	1700	19,300	5.7
10	-12	1660	17,400	5.1
5	-15	1555	15,500	4.5
0	-18	1450	13,600	4.0
-5	-21	1345	11,700	3.4
-10	-23	1240	9,800	2.9
-15	-26	1135	7,900	2.3
-20	-29	1030	6,000	1.8

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-030 — HEATING PERFORMANCE
CH23-65 at 1000 cfm (470 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	2065	37,600	11.0
60	16	2025	35,800	10.5
55	13	1990	33,900	9.9
50	10	1955	32,100	9.4
47	8	1935	31,000	9.1
45	7	1875	29,800	8.7
40	4	1725	26,700	7.8
35	2	1575	23,700	6.9
30	-1	1615	22,700	6.7
25	-4	1655	21,600	6.3
20	-7	1695	20,600	6.0
17	-8	1720	20,000	5.9
15	-9	1705	19,300	5.7
10	-12	1670	17,400	5.1
5	-15	1565	15,500	4.5
0	-18	1455	13,600	4.0
-5	-21	1350	11,700	3.4
-10	-23	1245	9,800	2.9
-15	-26	1140	7,900	2.3
-20	-29	1030	6,000	1.8

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-036 — COOLING CAPACITY — CB30M-31 — CB30U-31

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	470	1000	10.1	34,300	2240	.73	.87	.98	9.7	33,100	2530	.74	.89	.99	9.3	31,900	2860	.75	.90	1.0	8.9	30,500	3240	.77	.92	1.0
	565	1200	10.4	35,400	2250	.77	.92	1.0	10.0	34,200	2540	.78	.94	1.0	9.6	32,900	2870	.80	.95	1.0	9.3	31,600	3240	.82	.97	1.0
	660	1400	10.7	36,400	2250	.81	.97	1.0	10.3	35,200	2540	.83	.98	1.0	9.9	33,900	2870	.85	.99	1.0	9.6	32,600	3250	.86	1.0	1.0
67°F (19°C)	470	1000	10.7	36,600	2250	.57	.70	.83	10.3	35,300	2540	.58	.72	.85	9.9	33,900	2880	.58	.73	.87	9.5	32,500	3260	.59	.74	.88
	565	1200	11.0	37,600	2260	.60	.75	.89	10.6	36,200	2550	.60	.76	.91	10.2	34,800	2880	.61	.78	.92	9.8	33,300	3260	.62	.79	.95
	660	1400	11.3	38,400	2260	.62	.79	.94	10.8	37,000	2550	.63	.81	.95	10.4	35,500	2880	.64	.82	.97	9.9	33,900	3260	.65	.84	.99
71°F (22°C)	470	1000	11.5	39,200	2270	.43	.55	.68	11.1	37,800	2560	.43	.56	.69	10.6	36,300	2890	.43	.57	.70	10.2	34,800	3270	.43	.57	.72
	565	1200	11.8	40,200	2270	.44	.58	.72	11.3	38,700	2560	.44	.59	.74	10.9	37,200	2900	.44	.60	.75	10.4	35,600	3280	.45	.61	.77
	660	1400	12.0	40,900	2280	.44	.61	.77	11.5	39,400	2560	.45	.62	.78	11.1	37,800	2900	.45	.63	.80	10.6	36,200	3280	.46	.64	.82

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-036 — COOLING CAPACITY — CB29M-46

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	470	1000	10.2	34,800	2240	.73	.87	.98	9.8	33,500	2530	.74	.88	.99	9.5	32,300	2860	.75	.90	1.0	9.1	30,900	3240	.77	.92	1.0
	565	1200	10.5	35,900	2250	.77	.92	1.0	10.1	34,600	2540	.78	.94	1.0	9.8	33,300	2870	.80	.95	1.0	9.4	32,000	3240	.82	.97	1.0
	660	1400	10.8	36,900	2250	.82	.97	1.0	10.4	35,600	2540	.83	.98	1.0	10.1	34,300	2870	.85	.99	1.0	9.7	33,000	3250	.87	1.0	1.0
67°F (19°C)	470	1000	10.9	37,100	2250	.57	.70	.83	10.5	35,800	2540	.58	.72	.85	10.1	34,400	2880	.58	.73	.87	9.6	32,900	3260	.59	.74	.89
	565	1200	11.2	38,100	2260	.59	.75	.89	10.8	36,700	2550	.60	.76	.91	10.3	35,200	2880	.61	.78	.92	9.9	33,700	3260	.62	.80	.95
	660	1400	11.4	38,800	2260	.62	.79	.94	11.0	37,400	2550	.63	.81	.96	10.5	35,900	2880	.64	.82	.97	10.1	34,400	3260	.65	.84	.99
71°F (22°C)	470	1000	11.6	39,700	2270	.43	.55	.68	11.2	38,300	2560	.43	.56	.69	10.8	36,800	2890	.43	.57	.70	10.3	35,200	3270	.43	.58	.72
	565	1200	11.9	40,700	2270	.43	.58	.72	11.5	39,200	2560	.44	.59	.74	11.0	37,700	2900	.44	.60	.75	10.6	36,000	3280	.45	.61	.77
	660	1400	12.1	41,400	2280	.44	.61	.77	11.7	39,900	2560	.45	.62	.78	11.2	38,300	2900	.45	.63	.80	10.7	36,600	3280	.46	.64	.82

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-036 — HEATING CAPACITY — CB30M-31 — CB30U-31

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
470	1000	12.7	43,400	2810	9.9	33,800	2590	6.9	23,600	2365	5.1	17,400	2110	2.5	8,600	1590
565	1200	12.9	44,000	2620	10.1	34,400	2400	7.1	24,200	2175	5.3	18,000	1920	2.7	9,200	1400
660	1400	13.0	44,500	2475	10.2	34,900	2255	7.2	24,700	2030	5.4	18,500	1775	2.8	9,700	1255

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-036 — HEATING CAPACITY — CB29M-46

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
470	1000	12.8	43,800	2880	10.0	34,100	2640	7.0	23,800	2390	5.1	17,500	2115	2.5	8,600	1605
565	1200	13.0	44,400	2675	10.2	34,700	2435	7.2	24,400	2185	5.3	18,100	1910	2.7	9,200	1400
660	1400	13.2	44,900	2510	10.3	35,200	2270	7.3	24,900	2020	5.5	18,600	1745	2.8	9,700	1235

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-036 — HEATING PERFORMANCE CB30M-31/CB30U-31 at 1200 cfm (565 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	2620	44,000	12.9
60	16	2565	41,800	12.3
55	13	2515	39,700	11.6
50	10	2460	37,500	11.0
47	8	2430	36,200	10.6
45	7	2400	34,400	10.1
40	4	2325	29,900	8.8
35	2	2250	25,400	7.4
30	-1	2215	24,800	7.3
25	-4	2175	24,200	7.1
20	-7	2140	23,600	6.9
17	-8	2120	23,200	6.8
15	-9	2100	22,300	6.5
10	-12	2045	20,200	5.9
5	-15	1920	18,000	5.3
0	-18	1790	15,800	4.6
-5	-21	1660	13,600	4.0
-10	-23	1530	11,400	3.3
-15	-26	1400	9,200	2.7
-20	-29	1270	7,000	2.1

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-036 — HEATING PERFORMANCE CB29M-46 at 1200 cfm (565 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	2675	44,400	13.0
60	16	2620	42,200	12.4
55	13	2560	40,000	11.7
50	10	2505	37,800	11.1
47	8	2470	36,500	10.7
45	7	2435	34,700	10.2
40	4	2350	30,200	8.9
35	2	2270	25,600	7.5
30	-1	2230	25,000	7.3
25	-4	2185	24,400	7.2
20	-7	2145	23,800	7.0
17	-8	2120	23,400	6.9
15	-9	2100	22,500	6.6
10	-12	2040	20,300	5.9
5	-15	1910	18,100	5.3
0	-18	1785	15,900	4.7
-5	-21	1655	13,700	4.0
-10	-23	1530	11,500	3.4
-15	-26	1400	9,200	2.7
-20	-29	1275	7,000	2.1

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-036 — COOLING CAPACITY — CB29M-51

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	470	1000	10.3	35,200	2250	.73	.87	.98	10.0	34,000	2540	.74	.88	.99	9.6	32,700	2870	.75	.90	1.0	9.2	31,300	3240	.77	.92	1.0
	565	1200	10.7	36,400	2250	.77	.92	1.0	10.3	35,100	2540	.78	.94	1.0	9.9	33,800	2870	.80	.96	1.0	9.5	32,400	3250	.82	.97	1.0
	660	1400	11.0	37,400	2260	.81	.97	1.0	10.6	36,100	2550	.83	.98	1.0	10.2	34,700	2880	.84	1.0	1.0	9.8	33,400	3260	.86	1.0	1.0
67°F (19°C)	470	1000	11.0	37,600	2260	.57	.70	.83	10.6	36,300	2550	.58	.71	.85	10.2	34,800	2880	.58	.73	.87	9.8	33,400	3250	.59	.74	.88
	565	1200	11.3	38,700	2260	.60	.75	.89	10.9	37,300	2550	.60	.76	.91	10.5	35,800	2880	.61	.77	.93	10.0	34,200	3260	.62	.79	.95
	660	1400	11.5	39,400	2270	.62	.79	.94	11.1	38,000	2560	.63	.81	.96	10.7	36,400	2890	.64	.82	.98	10.2	34,800	3270	.65	.84	.99
71°F (22°C)	470	1000	11.8	40,300	2270	.43	.55	.67	11.4	38,800	2560	.43	.56	.69	10.9	37,300	2900	.43	.57	.70	10.5	35,700	3280	.43	.57	.72
	565	1200	12.1	41,300	2280	.44	.58	.72	11.7	39,800	2560	.44	.59	.74	11.2	38,200	2900	.44	.60	.75	10.7	36,600	3280	.45	.61	.77
	660	1400	12.3	42,100	2280	.44	.61	.77	11.9	40,500	2570	.45	.62	.78	11.4	38,900	2910	.45	.63	.80	10.9	37,200	3290	.46	.64	.82

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-036 — COOLING CAPACITY — CB30M-41 — CB30U-41/46

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	470	1000	10.2	34,900	2250	.73	.87	.98	9.8	33,600	2540	.74	.88	.99	9.5	32,300	2870	.75	.90	1.0	9.1	31,000	3240	.77	.92	1.0
	565	1200	10.6	36,000	2250	.77	.92	1.0	10.2	34,800	2540	.78	.94	1.0	9.8	33,400	2870	.80	.96	1.0	9.4	32,000	3250	.82	.98	1.0
	660	1400	10.8	37,000	2260	.81	.97	1.0	10.5	35,700	2550	.83	.98	1.0	10.1	34,400	2880	.85	.99	1.0	9.7	33,100	3260	.87	1.0	1.0
67°F (19°C)	470	1000	10.9	37,300	2260	.57	.70	.83	10.5	35,900	2550	.58	.71	.85	10.1	34,500	2880	.58	.72	.86	9.7	33,000	3250	.59	.74	.88
	565	1200	11.2	38,300	2260	.59	.75	.89	10.8	36,900	2550	.60	.76	.91	10.4	35,400	2880	.61	.77	.93	9.9	33,900	3260	.62	.79	.95
	660	1400	11.4	39,000	2270	.62	.79	.94	11.0	37,600	2560	.63	.81	.96	10.6	36,100	2890	.64	.82	.98	10.1	34,500	3270	.65	.84	.99
71°F (22°C)	470	1000	11.7	39,900	2270	.43	.55	.67	11.3	38,400	2560	.43	.56	.69	10.8	36,900	2900	.43	.57	.70	10.4	35,400	3280	.43	.57	.71
	565	1200	12.0	40,900	2280	.44	.58	.72	11.5	39,400	2560	.44	.59	.74	11.1	37,800	2900	.44	.60	.75	10.6	36,200	3280	.44	.61	.77
	660	1400	12.2	41,600	2280	.44	.61	.76	11.8	40,100	2570	.45	.62	.78	11.3	38,500	2910	.45	.63	.80	10.8	36,800	3290	.46	.64	.82

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-036 — HEATING CAPACITY — CB29M-51

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
470	1000	12.9	43,900	2785	10.1	34,300	2595	7.0	24,000	2405	5.2	17,800	2165	2.5	8,700	1640
565	1200	13.1	44,600	2555	10.3	35,000	2365	7.2	24,700	2175	5.4	18,500	1935	2.8	9,400	1410
660	1400	13.2	45,200	2370	10.4	35,600	2180	7.4	25,300	1990	5.6	19,100	1750	2.9	10,000	1225

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-036 — HEATING CAPACITY — CB30M-41 — CB30U-41/46

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
470	1000	12.8	43,700	2825	10.0	34,100	2620	7.0	23,900	2410	5.2	17,600	2160	2.5	8,700	1655
565	1200	13.0	44,200	2545	10.1	34,600	2340	7.2	24,400	2130	5.3	18,100	1880	2.7	9,200	1375
660	1400	13.1	44,600	2800	10.3	35,000	2595	7.3	24,800	2385	5.4	18,500	2135	2.8	9,600	1630

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-036 — HEATING PERFORMANCE CB29M-51 at 1200 cfm (565 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	2555	44,600	13.1
60	16	2510	42,400	12.4
55	13	2465	40,300	11.8
50	10	2420	38,100	11.2
47	8	2395	36,800	10.8
45	7	2365	35,000	10.3
40	4	2295	30,400	8.9
35	2	2225	25,900	7.6
30	-1	2200	25,300	7.4
25	-4	2175	24,700	7.2
20	-7	2145	24,200	7.1
17	-8	2130	23,800	7.0
15	-9	2110	22,900	6.7
10	-12	2065	20,800	6.1
5	-15	1935	18,500	5.4
0	-18	1805	16,200	4.7
-5	-21	1670	14,000	4.1
-10	-23	1540	11,700	3.4
-15	-26	1410	9,400	2.8
-20	-29	1275	7,100	2.1

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-036 — HEATING PERFORMANCE CB30M-41/CB30U-41/46 at 1200 cfm (565 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	2545	44,200	13.0
60	16	2495	42,000	12.3
55	13	2450	39,900	11.7
50	10	2400	37,700	11.0
47	8	2370	36,400	10.7
45	7	2340	34,600	10.1
40	4	2270	30,100	8.8
35	2	2195	25,600	7.5
30	-1	2160	25,000	7.3
25	-4	2130	24,400	7.2
20	-7	2095	23,800	7.0
17	-8	2075	23,400	6.9
15	-9	2055	22,500	6.6
10	-12	2005	20,400	6.0
5	-15	1880	18,100	5.3
0	-18	1755	15,900	4.7
-5	-21	1625	13,700	4.0
-10	-23	1500	11,500	3.4
-15	-26	1375	9,200	2.7
-20	-29	1245	7,000	2.1

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-036 — COOLING CAPACITY — CB30M-46

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	470	1000	10.2	34,900	2250	.73	.87	.98	9.8	33,600	2540	.74	.88	.99	9.5	32,300	2870	.75	.90	1.0	9.1	31,000	3240	.77	.92	1.0
	565	1200	10.6	36,000	2250	.77	.92	1.0	10.2	34,800	2540	.78	.94	1.0	9.8	33,400	2870	.80	.96	1.0	9.4	32,000	3250	.82	.98	1.0
	660	1400	10.8	37,000	2260	.81	.97	1.0	10.5	35,700	2550	.83	.98	1.0	10.1	34,400	2880	.85	.99	1.0	9.7	33,100	3260	.87	1.0	1.0
67°F (19°C)	470	1000	10.9	37,300	2260	.57	.70	.83	10.5	35,900	2550	.58	.71	.85	10.1	34,500	2880	.58	.72	.86	9.7	33,000	3250	.59	.74	.88
	565	1200	11.2	38,300	2260	.59	.75	.89	10.8	36,900	2550	.60	.76	.91	10.4	35,400	2880	.61	.77	.93	9.9	33,900	3260	.62	.79	.95
	660	1400	11.4	39,000	2270	.62	.79	.94	11.0	37,600	2560	.63	.81	.96	10.6	36,100	2890	.64	.82	.98	10.1	34,500	3270	.65	.84	.99
71°F (22°C)	470	1000	11.7	39,900	2270	.43	.55	.67	11.3	38,400	2560	.43	.56	.69	10.8	36,900	2900	.43	.57	.70	10.4	35,400	3280	.43	.57	.71
	565	1200	12.0	40,900	2280	.44	.58	.72	11.5	39,400	2560	.44	.59	.74	11.1	37,800	2900	.44	.60	.75	10.6	36,200	3280	.44	.61	.77
	660	1400	12.2	41,600	2280	.44	.61	.76	11.8	40,100	2570	.45	.62	.78	11.3	38,500	2910	.45	.63	.80	10.8	36,800	3290	.46	.64	.82

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-036 — COOLING CAPACITY — CB31MV-41

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	470	1000	10.3	35,100	2250	.73	.87	.98	9.9	33,800	2540	.74	.88	.99	9.5	32,500	2870	.75	.90	1.0	9.1	31,200	3240	.76	.92	1.0
	565	1200	10.6	36,300	2250	.77	.92	1.0	10.3	35,000	2540	.79	.94	1.0	9.8	33,600	2870	.80	.96	1.0	9.4	32,200	3250	.82	.98	1.0
	660	1400	10.9	37,200	2260	.81	.97	1.0	10.5	35,900	2550	.83	.98	1.0	10.1	34,600	2880	.85	.99	1.0	9.8	33,300	3260	.86	1.0	1.0
67°F (19°C)	470	1000	11.0	37,500	2260	.57	.70	.83	10.6	36,100	2550	.58	.71	.85	10.2	34,700	2880	.58	.73	.86	9.7	33,200	3250	.59	.74	.88
	565	1200	11.3	38,500	2260	.59	.75	.89	10.9	37,100	2550	.60	.76	.91	10.4	35,600	2880	.61	.78	.93	10.0	34,100	3260	.62	.79	.95
	660	1400	11.5	39,300	2270	.62	.79	.94	11.1	37,800	2560	.63	.81	.96	10.6	36,300	2890	.64	.82	.97	10.2	34,700	3270	.65	.84	.99
71°F (22°C)	470	1000	11.8	40,100	2270	.43	.55	.68	11.3	38,700	2560	.43	.56	.69	10.9	37,200	2900	.43	.56	.70	10.4	35,600	3280	.43	.58	.72
	565	1200	12.0	41,100	2280	.44	.58	.72	11.6	39,700	2560	.44	.59	.73	11.2	38,100	2900	.44	.60	.75	10.7	36,400	3280	.45	.61	.77
	660	1400	12.3	41,900	2280	.44	.61	.77	11.8	40,400	2570	.45	.62	.78	11.3	38,700	2910	.45	.63	.80	10.8	37,000	3290	.46	.64	.82

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-036 — HEATING CAPACITY — CB30M-46

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
470	1000	12.7	43,500	2725	9.9	33,900	2530	6.9	23,700	2325	5.1	17,500	2085	2.5	8,700	1565
565	1200	12.9	44,000	2545	10.1	34,400	2350	7.1	24,200	2145	5.3	18,000	1905	2.7	9,200	1385
660	1400	13.0	44,400	2400	10.2	34,800	2205	7.2	24,600	2000	5.4	18,400	1760	2.8	9,600	1240

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-036 — HEATING CAPACITY — CB31MV-41

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
470	1000	12.6	43,100	2680	9.8	33,500	2490	6.8	23,300	2300	5.0	17,100	2060	2.5	8,500	1550
565	1200	12.8	43,600	2500	10.0	34,000	2310	7.0	23,800	2120	5.2	17,600	1880	2.6	9,000	1370
660	1400	12.9	44,100	2365	10.1	34,500	2175	7.1	24,300	1985	5.3	18,100	1745	2.8	9,500	1235

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-036 — HEATING PERFORMANCE CB30M-46 at 1200 cfm (565 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	2545	44,000	12.9
60	16	2500	41,800	12.3
55	13	2450	39,700	11.6
50	10	2405	37,500	11.0
47	8	2375	36,200	10.6
45	7	2350	34,400	10.1
40	4	2280	29,900	8.8
35	2	2210	25,400	7.4
30	-1	2175	24,800	7.3
25	-4	2145	24,200	7.1
20	-7	2115	23,600	6.9
17	-8	2095	23,200	6.8
15	-9	2080	22,300	6.5
10	-12	2030	20,200	5.9
5	-15	1905	18,000	5.3
0	-18	1775	15,800	4.6
-5	-21	1645	13,600	4.0
-10	-23	1515	11,400	3.3
-15	-26	1385	9,200	2.7
-20	-29	1260	7,000	2.1

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-036 — HEATING PERFORMANCE CB31MV-41 at 1200 cfm (565 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	2500	43,600	12.8
60	16	2455	41,400	12.1
55	13	2410	39,300	11.5
50	10	2365	37,100	10.9
47	8	2340	35,800	10.5
45	7	2310	34,000	10.0
40	4	2245	29,600	8.7
35	2	2175	25,100	7.4
30	-1	2150	24,500	7.2
25	-4	2120	23,800	7.0
20	-7	2090	23,200	6.8
17	-8	2070	22,800	6.7
15	-9	2055	21,900	6.4
10	-12	2010	19,800	5.8
5	-15	1880	17,600	5.2
0	-18	1755	15,500	4.5
-5	-21	1625	13,300	3.9
-10	-23	1500	11,100	3.3
-15	-26	1370	9,000	2.6
-20	-29	1245	6,800	2.0

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-036 — COOLING CAPACITY — CVP10-31/EC10Q3

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	470	1000	9.9	33,700	2240	.73	.87	.98	9.6	32,600	2530	.74	.88	.99	9.2	31,300	2850	.76	.90	1.0	8.8	30,000	3230	.77	.92	1.0
	565	1200	10.2	34,800	2240	.77	.92	1.0	9.8	33,600	2530	.78	.94	1.0	9.5	32,400	2860	.80	.95	1.0	9.1	31,100	3240	.82	.97	1.0
	660	1400	10.5	35,700	2250	.82	.97	1.0	10.1	34,600	2540	.83	.98	1.0	9.8	33,300	2870	.85	.99	1.0	9.4	32,100	3240	.87	1.0	1.0
67°F (19°C)	470	1000	10.6	36,000	2250	.57	.70	.84	10.2	34,700	2530	.58	.71	.85	9.8	33,400	2870	.58	.73	.87	9.3	31,900	3250	.59	.74	.88
	565	1200	10.8	36,900	2250	.59	.75	.89	10.4	35,600	2540	.60	.76	.91	10.0	34,200	2870	.61	.77	.92	9.6	32,700	3250	.62	.80	.95
	660	1400	11.0	37,600	2260	.62	.79	.94	10.6	36,300	2550	.63	.81	.96	10.2	34,900	2880	.64	.82	.97	9.8	33,400	3250	.65	.84	.99
71°F (22°C)	470	1000	11.3	38,400	2260	.43	.55	.68	10.9	37,100	2550	.43	.56	.69	10.5	35,700	2880	.43	.57	.70	10.0	34,200	3260	.43	.58	.72
	565	1200	11.5	39,400	2270	.44	.58	.72	11.1	38,000	2550	.44	.59	.74	10.7	36,500	2890	.44	.60	.75	10.3	35,000	3270	.45	.61	.77
	660	1400	11.8	40,100	2270	.44	.61	.77	11.3	38,600	2560	.45	.62	.78	10.9	37,100	2890	.45	.63	.80	10.4	35,500	3280	.46	.64	.82

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-036 — COOLING CAPACITY — CVP10-41/EC10Q3 — CVP10-46/EC10Q4

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	470	1000	10.0	34,200	2240	.73	.86	.98	9.7	33,000	2530	.74	.88	.99	9.3	31,700	2860	.75	.90	1.0	8.9	30,400	3230	.76	.91	1.0
	565	1200	10.3	35,300	2250	.77	.92	1.0	10.0	34,100	2530	.78	.94	1.0	9.6	32,800	2860	.80	.95	1.0	9.2	31,400	3240	.82	.97	1.0
	660	1400	10.6	36,300	2250	.81	.97	1.0	10.3	35,100	2540	.83	.98	1.0	9.9	33,800	2860	.84	.99	1.0	9.5	32,500	3250	.86	1.0	1.0
67°F (19°C)	470	1000	10.7	36,500	2250	.57	.70	.83	10.3	35,200	2540	.57	.71	.84	9.9	33,800	2870	.58	.72	.86	9.5	32,400	3250	.59	.74	.88
	565	1200	11.0	37,500	2260	.59	.74	.89	10.6	36,100	2540	.60	.76	.90	10.2	34,700	2870	.61	.77	.92	9.7	33,200	3250	.62	.79	.94
	660	1400	11.2	38,300	2260	.62	.79	.94	10.8	36,900	2550	.63	.80	.95	10.4	35,400	2880	.64	.82	.97	9.9	33,900	3260	.65	.84	.99
71°F (22°C)	470	1000	11.4	39,000	2260	.42	.55	.67	11.0	37,700	2550	.43	.56	.68	10.6	36,200	2890	.43	.56	.70	10.2	34,700	3270	.43	.57	.71
	565	1200	11.8	40,100	2270	.43	.58	.72	11.3	38,600	2560	.44	.59	.73	10.9	37,100	2890	.44	.60	.75	10.4	35,500	3270	.45	.61	.77
	660	1400	12.0	40,800	2270	.44	.61	.76	11.5	39,300	2560	.45	.62	.78	11.1	37,800	2900	.45	.62	.80	10.6	36,100	3280	.46	.64	.82

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-036 — HEATING CAPACITY — CVP10-31/EC10Q3

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
470	1000	12.2	41,600	2555	9.6	32,900	2410	6.9	23,700	2255	5.3	18,000	2045	2.6	8,900	1500
565	1200	12.3	42,000	2490	9.8	33,300	2345	7.1	24,100	2190	5.4	18,400	1980	2.7	9,300	1435
660	1400	12.5	42,600	2330	9.9	33,900	2185	7.2	24,700	2030	5.6	19,000	1820	2.9	9,900	1275

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-036 — HEATING CAPACITY — CVP10-41/EC10Q3 — CVP10-46/EC10Q4

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
470	1000	12.2	41,600	2440	9.6	32,900	2315	6.9	23,700	2185	5.3	18,000	1990	2.6	8,900	1455
565	1200	12.3	42,000	2380	9.8	33,300	2255	7.1	24,100	2125	5.4	18,400	1930	2.7	9,300	1395
660	1400	12.5	42,700	2220	10.0	34,000	2095	7.3	24,800	1965	5.6	19,100	1770	2.9	10,000	1235

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-036 — HEATING PERFORMANCE CVP10-31/EC10Q3 at 1200 cfm (565 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	2490	42,000	12.3
60	16	2455	40,000	11.7
55	13	2420	38,100	11.2
50	10	2385	36,200	10.6
47	8	2365	35,000	10.3
45	7	2345	33,300	9.8
40	4	2285	29,100	8.5
35	2	2225	24,900	7.3
30	-1	2210	24,500	7.2
25	-4	2190	24,100	7.1
20	-7	2175	23,600	6.9
17	-8	2160	23,400	6.9
15	-9	2150	22,600	6.6
10	-12	2115	20,700	6.1
5	-15	1980	18,400	5.4
0	-18	1840	16,100	4.7
-5	-21	1705	13,900	4.1
-10	-23	1570	11,600	3.4
-15	-26	1435	9,300	2.7
-20	-29	1295	7,000	2.1

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-036 — HEATING PERFORMANCE CVP10-41/EC10Q3/CVP10-46/EC10Q4 at 1200 cfm (565 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	2380	42,000	12.3
60	16	2350	40,000	11.7
55	13	2325	38,100	11.2
50	10	2295	36,200	10.6
47	8	2275	35,000	10.3
45	7	2255	33,300	9.8
40	4	2205	29,100	8.5
35	2	2150	24,900	7.3
30	-1	2135	24,500	7.2
25	-4	2125	24,100	7.1
20	-7	2110	23,600	6.9
17	-8	2105	23,400	6.9
15	-9	2090	22,600	6.6
10	-12	2060	20,700	6.1
5	-15	1930	18,400	5.4
0	-18	1795	16,100	4.7
-5	-21	1660	13,900	4.1
-10	-23	1530	11,600	3.4
-15	-26	1395	9,300	2.7
-20	-29	1260	7,000	2.1

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-036 — COOLING CAPACITY — C26-31

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	470	1000	10.2	34,800	2240	.73	.87	.98	9.8	33,600	2530	.74	.88	.99	9.5	32,300	2860	.75	.90	1.0	9.1	31,000	3240	.77	.92	1.0
	565	1200	10.5	35,900	2250	.78	.92	1.0	10.2	34,700	2540	.79	.94	1.0	9.8	33,400	2860	.80	.96	1.0	9.4	32,000	3240	.82	.98	1.0
	660	1400	10.8	36,900	2250	.81	.97	1.0	10.4	35,600	2540	.83	.98	1.0	10.1	34,400	2870	.85	.99	1.0	9.7	33,000	3250	.86	1.0	1.0
67°F (19°C)	470	1000	10.9	37,100	2250	.57	.71	.84	10.5	35,800	2540	.58	.72	.85	10.1	34,400	2870	.58	.73	.87	9.7	33,000	3250	.59	.74	.89
	565	1200	11.2	38,100	2260	.60	.75	.89	10.8	36,700	2550	.60	.76	.91	10.3	35,300	2880	.61	.78	.93	9.9	33,800	3260	.62	.79	.94
	660	1400	11.4	38,800	2260	.62	.79	.94	11.0	37,400	2550	.63	.81	.96	10.6	36,000	2880	.64	.82	.97	10.1	34,400	3260	.65	.84	.99
71°F (22°C)	470	1000	11.6	39,700	2260	.43	.55	.68	11.2	38,300	2550	.43	.56	.69	10.8	36,800	2880	.43	.57	.70	10.3	35,300	3270	.43	.58	.72
	565	1200	11.9	40,700	2270	.43	.58	.72	11.5	39,200	2560	.44	.59	.74	11.0	37,700	2890	.44	.60	.75	10.6	36,100	3280	.45	.61	.77
	660	1400	12.1	41,400	2270	.44	.61	.77	11.7	39,900	2560	.45	.62	.78	11.2	38,300	2900	.45	.63	.80	10.8	36,700	3280	.46	.64	.82

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-036 — COOLING CAPACITY — C33-38A/B - C26-41

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	470	1000	10.3	35,200	2240	.73	.87	.98	10.0	34,000	2530	.74	.88	.99	9.6	32,700	2860	.75	.90	1.0	9.2	31,300	3240	.77	.92	1.0
	565	1200	10.6	36,300	2250	.77	.92	1.0	10.3	35,100	2540	.79	.94	1.0	9.9	33,700	2870	.80	.96	1.0	9.5	32,300	3240	.82	.98	1.0
	660	1400	10.9	37,300	2250	.81	.97	1.0	10.6	36,000	2540	.83	.98	1.0	10.2	34,700	2870	.85	.99	1.0	9.8	33,400	3250	.86	1.0	1.0
67°F (19°C)	470	1000	11.0	37,500	2250	.57	.70	.83	10.6	36,200	2540	.58	.72	.85	10.2	34,800	2880	.58	.73	.87	9.8	33,300	3260	.59	.74	.89
	565	1200	11.3	38,500	2260	.59	.75	.89	10.9	37,100	2550	.60	.76	.91	10.5	35,700	2880	.61	.78	.93	10.0	34,100	3260	.62	.79	.94
	660	1400	11.5	39,300	2260	.62	.79	.94	11.1	37,900	2550	.63	.80	.96	10.7	36,400	2880	.64	.82	.97	10.2	34,800	3260	.65	.84	.99
71°F (22°C)	470	1000	11.8	40,200	2270	.43	.55	.68	11.4	38,800	2560	.43	.56	.69	10.9	37,200	2890	.43	.57	.70	10.5	35,700	3270	.43	.57	.72
	565	1200	12.1	41,200	2270	.43	.58	.72	11.6	39,700	2560	.44	.59	.74	11.2	38,100	2900	.44	.60	.75	10.7	36,500	3280	.45	.61	.77
	660	1400	12.3	41,900	2280	.44	.61	.77	11.8	40,400	2560	.45	.62	.78	11.4	38,800	2900	.45	.63	.80	10.9	37,100	3280	.46	.64	.82

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-036 — HEATING CAPACITY — C26-31

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil									
		65°F (18°C)		45°F (7°C)		25°F (-4°C)		5°F (-15°C)		-15°F (-28°C)	
		Total Heating Capacity	Comp. Motor Watts Input	Total Heating Capacity	Comp. Motor Watts Input	Total Heating Capacity	Comp. Motor Watts Input	Total Heating Capacity	Comp. Motor Watts Input	Total Heating Capacity	Comp. Motor Watts Input
L/s	cfm	kW Btuh		kW Btuh		kW Btuh		kW Btuh		kW Btuh	
470	1000	12.7 43,400	2815	9.9 33,900	2625	7.0 23,800	2435	5.2 17,700	2195	2.6 8,800	1655
565	1200	12.9 43,900	2605	10.1 34,400	2415	7.1 24,300	2225	5.3 18,200	1985	2.7 9,300	1445
660	1400	13.0 44,400	2440	10.2 34,900	2250	7.3 24,800	2060	5.5 18,700	1820	2.9 9,800	1280

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-036 — HEATING CAPACITY — C33-38A/B - C26-41

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil									
		65°F (18°C)		45°F (7°C)		25°F (-4°C)		5°F (-15°C)		-15°F (-28°C)	
		Total Heating Capacity	Comp. Motor Watts Input	Total Heating Capacity	Comp. Motor Watts Input	Total Heating Capacity	Comp. Motor Watts Input	Total Heating Capacity	Comp. Motor Watts Input	Total Heating Capacity	Comp. Motor Watts Input
L/s	cfm	kW Btuh		kW Btuh		kW Btuh		kW Btuh		kW Btuh	
470	1000	12.8 43,700	2875	10.0 34,100	2640	7.0 23,900	2395	5.2 17,600	2125	2.5 8,700	1610
565	1200	13.0 44,200	2665	10.1 34,600	2430	7.2 24,400	2185	5.3 18,100	1915	2.7 9,200	1400
660	1400	13.1 44,800	2505	10.3 35,200	2270	7.3 25,000	2025	5.5 18,700	1755	2.9 9,800	1240

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-036 — HEATING PERFORMANCE C26-31 at 1200 cfm (565 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	2605	43,900	12.9
60	16	2560	41,700	12.2
55	13	2515	39,600	11.6
50	10	2470	37,500	11.0
47	8	2445	36,200	10.6
45	7	2415	34,400	10.1
40	4	2350	30,000	8.8
35	2	2280	25,500	7.5
30	-1	2250	24,900	7.3
25	-4	2225	24,300	7.1
20	-7	2200	23,700	6.9
17	-8	2180	23,400	6.9
15	-9	2165	22,500	6.6
10	-12	2120	20,400	6.0
5	-15	1985	18,200	5.3
0	-18	1850	15,900	4.7
-5	-21	1715	13,700	4.0
-10	-23	1580	11,500	3.4
-15	-26	1445	9,300	2.7
-20	-29	1310	7,000	2.1

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-036 — HEATING PERFORMANCE C33-38A/B - C26-41 at 1200 cfm (565 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	2665	44,200	13.0
60	16	2610	42,000	12.3
55	13	2550	39,900	11.7
50	10	2495	37,700	11.0
47	8	2460	36,400	10.7
45	7	2430	34,600	10.1
40	4	2350	30,100	8.8
35	2	2265	25,600	7.5
30	-1	2225	25,000	7.3
25	-4	2185	24,400	7.2
20	-7	2145	23,800	7.0
17	-8	2125	23,400	6.9
15	-9	2100	22,500	6.6
10	-12	2045	20,400	6.0
5	-15	1915	18,100	5.3
0	-18	1785	15,900	4.7
-5	-21	1660	13,700	4.0
-10	-23	1530	11,500	3.4
-15	-26	1400	9,200	2.7
-20	-29	1275	7,000	2.1

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-036 — COOLING CAPACITY — C26-46 - C33-48B/C

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	470	1000	10.3	35,300	2240	.73	.87	.98	10.0	34,100	2530	.74	.88	1.0	9.6	32,700	2870	.75	.90	1.0	9.2	31,400	3240	.77	.92	1.0
	565	1200	10.7	36,500	2250	.77	.92	1.0	10.3	35,200	2540	.79	.94	1.0	9.9	33,800	2870	.80	.96	1.0	9.5	32,400	3250	.82	.98	1.0
	660	1400	11.0	37,500	2250	.82	.97	1.0	10.6	36,200	2540	.83	.98	1.0	10.2	34,900	2880	.85	.99	1.0	9.8	33,500	3250	.87	1.0	1.0
67°F (19°C)	470	1000	11.0	37,700	2260	.57	.70	.83	10.6	36,300	2550	.58	.72	.85	10.2	34,900	2880	.58	.73	.87	9.8	33,400	3260	.59	.74	.89
	565	1200	11.3	38,700	2260	.59	.75	.89	10.9	37,300	2550	.60	.76	.91	10.5	35,800	2880	.61	.78	.93	10.0	34,200	3260	.62	.80	.95
	660	1400	11.6	39,500	2270	.62	.79	.94	11.1	38,000	2560	.63	.81	.96	10.7	36,500	2890	.64	.82	.98	10.2	34,900	3270	.66	.85	.99
71°F (22°C)	470	1000	11.8	40,300	2270	.43	.55	.68	11.4	38,900	2560	.43	.56	.69	10.9	37,300	2890	.43	.57	.70	10.5	35,700	3280	.43	.58	.72
	565	1200	12.1	41,300	2280	.44	.58	.72	11.7	39,800	2570	.44	.59	.74	11.2	38,300	2900	.44	.60	.75	10.7	36,600	3280	.45	.61	.77
	660	1400	12.3	42,100	2280	.45	.61	.77	11.9	40,500	2570	.45	.62	.79	11.4	38,900	2900	.46	.63	.80	10.9	37,200	3290	.46	.64	.82

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-036 — COOLING CAPACITY — CR26-51

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	470	1000	9.9	33,900	2240	.72	.86	.98	9.6	32,700	2530	.73	.87	.99	9.2	31,500	2860	.74	.89	1.0	8.8	30,100	3240	.76	.91	1.0
	565	1200	10.3	35,000	2250	.76	.91	1.0	9.9	33,800	2540	.78	.93	1.0	9.5	32,500	2870	.79	.94	1.0	9.1	31,100	3240	.81	.96	1.0
	660	1400	10.5	35,900	2250	.80	.96	1.0	10.2	34,700	2540	.81	.97	1.0	9.8	33,400	2870	.83	.99	1.0	9.4	32,000	3250	.85	1.0	1.0
67°F (19°C)	470	1000	10.6	36,300	2250	.56	.69	.82	10.3	35,000	2550	.57	.71	.84	9.8	33,600	2880	.58	.72	.85	9.4	32,200	3260	.59	.73	.87
	565	1200	10.9	37,300	2260	.59	.74	.88	10.5	35,900	2550	.60	.75	.89	10.1	34,500	2880	.60	.77	.91	9.7	33,000	3260	.62	.78	.93
	660	1400	11.2	38,100	2270	.61	.78	.93	10.8	36,700	2560	.62	.79	.95	10.3	35,200	2890	.63	.81	.96	9.8	33,600	3270	.64	.83	.98
71°F (22°C)	470	1000	11.4	38,900	2270	.42	.55	.67	11.0	37,500	2560	.43	.55	.68	10.6	36,100	2890	.43	.56	.69	10.1	34,500	3280	.43	.57	.71
	565	1200	11.7	39,900	2280	.43	.57	.71	11.3	38,400	2570	.43	.58	.72	10.8	36,900	2900	.44	.59	.74	10.3	35,300	3280	.44	.60	.76
	660	1400	11.9	40,700	2280	.44	.60	.75	11.5	39,200	2570	.44	.61	.77	11.0	37,600	2900	.45	.62	.78	10.5	35,900	3290	.45	.63	.80

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-036 — HEATING CAPACITY — C26-46 - C33-48B/C

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
470	1000	12.7	43,400	2825	9.9	33,800	2620	6.9	23,600	2410	5.1	17,400	2160	2.5	8,600	1630
565	1200	12.9	44,000	2620	10.1	34,400	2415	7.1	24,200	2205	5.3	18,000	1955	2.7	9,200	1425
660	1400	13.0	44,500	2450	10.2	34,900	2245	7.2	24,700	2035	5.4	18,500	1785	2.8	9,700	1255

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-036 — HEATING CAPACITY — CR26-51

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
470	1000	12.4	42,400	2735	9.7	33,000	2550	6.8	23,100	2355	5.0	17,100	2115	2.5	8,400	1595
565	1200	12.6	43,000	2535	9.8	33,600	2350	6.9	23,700	2155	5.2	17,700	1915	2.6	9,000	1395
660	1400	12.7	43,500	2370	10.0	34,100	2185	7.1	24,200	1990	5.3	18,200	1750	2.8	9,500	1230

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-036 — HEATING PERFORMANCE C26-46 - C33-48B/C at 1200 cfm (565 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	2620	44,000	12.9
60	16	2570	41,800	12.3
55	13	2520	39,700	11.6
50	10	2475	37,500	11.0
47	8	2445	36,200	10.6
45	7	2415	34,400	10.1
40	4	2345	29,900	8.8
35	2	2270	25,400	7.4
30	-1	2240	24,800	7.3
25	-4	2205	24,200	7.1
20	-7	2175	23,600	6.9
17	-8	2155	23,200	6.8
15	-9	2140	22,300	6.5
10	-12	2090	20,200	5.9
5	-15	1955	18,000	5.3
0	-18	1825	15,800	4.6
-5	-21	1690	13,600	4.0
-10	-23	1560	11,400	3.3
-15	-26	1425	9,200	2.7
-20	-29	1295	7,000	2.1

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-036 — HEATING PERFORMANCE CR26-51 at 1200 cfm (565 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	2535	43,000	12.6
60	16	2490	40,900	12.0
55	13	2445	38,800	11.4
50	10	2405	36,700	10.8
47	8	2375	35,400	10.4
45	7	2350	33,600	9.8
40	4	2280	29,300	8.6
35	2	2210	24,900	7.3
30	-1	2180	24,300	7.1
25	-4	2155	23,700	6.9
20	-7	2125	23,100	6.8
17	-8	2110	22,800	6.7
15	-9	2090	22,000	6.4
10	-12	2045	19,900	5.8
5	-15	1915	17,700	5.2
0	-18	1785	15,500	4.5
-5	-21	1655	13,400	3.9
-10	-23	1525	11,200	3.3
-15	-26	1395	9,000	2.6
-20	-29	1265	6,800	2.0

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-036 — COOLING CAPACITY — CR26-41

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	470	1000	10.3	35,000	2240	.73	.87	.98	9.9	33,800	2530	.74	.88	.99	9.5	32,500	2860	.76	.90	1.0	9.1	31,200	3240	.77	.92	1.0
	565	1200	10.6	36,100	2250	.77	.93	1.0	10.2	34,900	2540	.79	.94	1.0	9.8	33,600	2860	.80	.96	1.0	9.4	32,200	3240	.82	.97	1.0
	660	1400	10.9	37,100	2250	.81	.97	1.0	10.5	35,800	2540	.83	.98	1.0	10.1	34,600	2870	.85	.99	1.0	9.7	33,200	3250	.87	1.0	1.0
67°F (19°C)	470	1000	10.9	37,300	2250	.57	.71	.84	10.6	36,000	2540	.58	.72	.85	10.1	34,600	2870	.58	.73	.86	9.7	33,100	3250	.59	.74	.88
	565	1200	11.2	38,300	2260	.60	.75	.89	10.8	36,900	2550	.60	.76	.91	10.4	35,500	2880	.61	.78	.93	10.0	34,000	3250	.62	.79	.94
	660	1400	11.4	39,000	2260	.62	.79	.94	11.0	37,600	2550	.63	.81	.96	10.6	36,200	2880	.64	.82	.97	10.1	34,600	3260	.65	.84	.99
71°F (22°C)	470	1000	11.7	39,900	2270	.43	.55	.68	11.3	38,500	2550	.43	.56	.69	10.8	37,000	2890	.43	.57	.70	10.4	35,500	3270	.43	.57	.72
	565	1200	12.0	40,900	2270	.44	.58	.72	11.5	39,400	2560	.44	.59	.74	11.1	37,900	2890	.44	.60	.75	10.6	36,300	3280	.45	.61	.77
	660	1400	12.2	41,600	2270	.44	.61	.77	11.8	40,100	2560	.45	.62	.79	11.3	38,500	2900	.45	.63	.80	10.8	36,800	3280	.46	.64	.82

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-036 — COOLING CAPACITY — CH33-36A-F - CH23-41

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	470	1000	10.1	34,500	2240	.73	.88	.99	9.8	33,300	2520	.75	.89	1.0	9.4	32,000	2860	.76	.91	1.0	9.0	30,700	3230	.78	.93	1.0
	565	1200	10.4	35,600	2240	.78	.93	1.0	10.1	34,400	2530	.79	.94	1.0	9.7	33,100	2860	.81	.96	1.0	9.3	31,800	3240	.82	.98	1.0
	660	1400	10.7	36,600	2250	.82	.98	1.0	10.4	35,400	2530	.84	.99	1.0	10.0	34,100	2860	.86	1.0	1.0	9.6	32,900	3240	.87	1.0	1.0
67°F (19°C)	470	1000	10.8	36,700	2250	.57	.71	.84	10.4	35,400	2530	.58	.72	.86	10.0	34,100	2870	.59	.73	.87	9.6	32,600	3250	.60	.75	.89
	565	1200	11.0	37,700	2250	.60	.76	.90	10.6	36,300	2540	.61	.77	.92	10.2	34,900	2870	.62	.79	.93	9.8	33,500	3250	.63	.80	.95
	660	1400	11.3	38,400	2260	.63	.80	.95	10.9	37,100	2550	.64	.81	.96	10.4	35,600	2880	.65	.83	.98	10.0	34,100	3260	.66	.85	.99
71°F (22°C)	470	1000	11.5	39,300	2260	.43	.55	.68	11.1	37,900	2550	.43	.56	.69	10.7	36,400	2880	.43	.57	.71	10.2	34,900	3260	.44	.58	.72
	565	1200	11.8	40,200	2260	.44	.58	.73	11.4	38,800	2560	.44	.59	.74	10.9	37,300	2890	.44	.60	.76	10.5	35,700	3270	.45	.61	.78
	660	1400	12.0	40,900	2270	.45	.61	.78	11.5	39,400	2560	.45	.62	.79	11.1	37,900	2890	.46	.64	.81	10.6	36,200	3270	.46	.65	.83

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-036 — HEATING CAPACITY — CR26-41

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
470	1000	12.8	43,700	2795	10.0	34,100	2590	7.0	23,900	2380	5.2	17,600	2130	2.5	8,700	1610
565	1200	13.0	44,200	2590	10.1	34,600	2385	7.2	24,400	2175	5.3	18,100	1925	2.7	9,200	1405
660	1400	13.1	44,700	2430	10.3	35,100	2225	7.3	24,900	2015	5.5	18,600	1765	2.8	9,700	1245

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-036 — HEATING CAPACITY — CH33-36A-F - CH23-41

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
470	1000	12.6	43,100	2875	9.8	33,600	2570	6.9	23,500	2210	5.1	17,400	2160	2.5	8,600	1635
565	1200	12.8	43,700	2665	10.0	34,200	2360	7.1	24,100	2000	5.3	18,000	1950	2.7	9,200	1425
660	1400	13.0	44,200	2490	10.2	34,700	2185	7.2	24,600	1825	5.4	18,500	1775	2.8	9,700	1250

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-036 — HEATING PERFORMANCE CR26-41 at 1200 cfm (565 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	2590	44,200	13.0
60	16	2545	42,000	12.3
55	13	2495	39,900	11.7
50	10	2445	37,700	11.0
47	8	2415	36,400	10.7
45	7	2385	34,600	10.1
40	4	2315	30,100	8.8
35	2	2240	25,600	7.5
30	-1	2210	25,000	7.3
25	-4	2175	24,400	7.2
20	-7	2145	23,800	7.0
17	-8	2125	23,400	6.9
15	-9	2105	22,500	6.6
10	-12	2055	20,400	6.0
5	-15	1925	18,100	5.3
0	-18	1795	15,900	4.7
-5	-21	1665	13,700	4.0
-10	-23	1535	11,500	3.4
-15	-26	1405	9,200	2.7
-20	-29	1275	7,000	2.1

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-036 — HEATING PERFORMANCE CH33-36A-F - CH23-41 at 1200 cfm (565 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	2665	43,700	12.8
60	16	2610	41,500	12.2
55	13	2560	39,400	11.5
50	10	2505	37,300	10.9
47	8	2475	36,000	10.6
45	7	2360	34,200	10.0
40	4	2085	29,800	8.7
35	2	1805	25,300	7.4
30	-1	1900	24,700	7.2
25	-4	2000	24,100	7.1
20	-7	2100	23,600	6.9
17	-8	2155	23,200	6.8
15	-9	2135	22,300	6.5
10	-12	2085	20,200	5.9
5	-15	1950	18,000	5.3
0	-18	1820	15,800	4.6
-5	-21	1690	13,600	4.0
-10	-23	1555	11,400	3.3
-15	-26	1425	9,200	2.7
-20	-29	1295	7,000	2.1

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-036 — COOLING CAPACITY — CH33-42B-F - CH23-51

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	470	1000	10.3	35,200	2240	.73	.87	.99	10.0	34,000	2530	.74	.89	.99	9.6	32,600	2860	.76	.90	1.0	9.2	31,300	3230	.77	.92	1.0
	565	1200	10.7	36,400	2250	.78	.93	1.0	10.3	35,100	2530	.79	.94	1.0	9.9	33,800	2860	.80	.96	1.0	9.5	32,400	3240	.82	.98	1.0
	660	1400	11.0	37,400	2250	.82	.97	1.0	10.6	36,100	2540	.84	.99	1.0	10.2	34,800	2870	.85	1.0	1.0	9.8	33,500	3250	.87	1.0	1.0
67°F (19°C)	470	1000	11.0	37,500	2250	.57	.71	.84	10.6	36,200	2540	.58	.72	.85	10.2	34,800	2870	.59	.73	.87	9.8	33,300	3250	.59	.74	.89
	565	1200	11.3	38,500	2260	.60	.75	.90	10.9	37,100	2550	.61	.77	.91	10.5	35,700	2880	.62	.78	.93	10.0	34,100	3260	.62	.80	.95
	660	1400	11.5	39,300	2260	.63	.80	.95	11.1	37,900	2550	.63	.81	.96	10.7	36,400	2880	.64	.83	.98	10.2	34,800	3270	.66	.85	.99
71°F (22°C)	470	1000	11.8	40,100	2260	.43	.55	.68	11.3	38,700	2560	.43	.56	.69	10.9	37,200	2890	.43	.57	.70	10.4	35,600	3270	.44	.58	.72
	565	1200	12.0	41,100	2270	.44	.58	.73	11.6	39,600	2560	.44	.59	.74	11.2	38,100	2890	.44	.60	.76	10.7	36,400	3270	.45	.61	.78
	660	1400	12.3	41,900	2280	.45	.61	.77	11.8	40,300	2560	.45	.62	.79	11.3	38,700	2900	.45	.63	.81	10.8	37,000	3280	.46	.65	.83

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-036 — COOLING CAPACITY — CH23-65

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	470	1000	10.4	35,500	2250	.73	.87	.99	10.0	34,200	2530	.74	.88	1.0	9.6	32,900	2860	.75	.90	1.0	9.2	31,500	3240	.77	.92	1.0
	565	1200	10.8	36,700	2250	.77	.93	1.0	10.4	35,400	2540	.79	.94	1.0	10.0	34,000	2870	.80	.96	1.0	9.6	32,600	3250	.82	.98	1.0
	660	1400	11.0	37,700	2260	.82	.98	1.0	10.7	36,400	2550	.83	.99	1.0	10.3	35,000	2880	.85	1.0	1.0	9.9	33,700	3250	.87	1.0	1.0
67°F (19°C)	470	1000	11.1	37,900	2260	.57	.70	.83	10.7	36,500	2550	.58	.72	.85	10.3	35,000	2880	.58	.73	.87	9.8	33,500	3260	.59	.74	.89
	565	1200	11.4	38,900	2260	.60	.75	.90	11.0	37,500	2550	.60	.76	.91	10.6	36,000	2880	.61	.78	.93	10.1	34,400	3270	.62	.80	.95
	660	1400	11.6	39,700	2270	.62	.80	.95	11.2	38,300	2560	.63	.81	.96	10.8	36,700	2890	.64	.83	.98	10.3	35,100	3270	.66	.85	1.0
71°F (22°C)	470	1000	11.9	40,500	2270	.43	.55	.68	11.5	39,100	2560	.43	.56	.69	11.0	37,500	2890	.43	.57	.70	10.5	35,900	3270	.43	.58	.72
	565	1200	12.2	41,600	2280	.44	.58	.73	11.8	40,100	2570	.44	.59	.74	11.3	38,500	2900	.44	.60	.75	10.8	36,700	3290	.45	.61	.77
	660	1400	12.4	42,400	2280	.45	.61	.77	12.0	40,800	2580	.45	.62	.79	11.5	39,100	2910	.46	.63	.81	11.0	37,400	3290	.46	.64	.83

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-036 — HEATING CAPACITY — CH33-42B-F - CH23-51

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
470	1000	12.7	43,400	2850	9.9	33,800	2535	6.9	23,600	2155	5.1	17,400	2095	2.5	8,600	1585
565	1200	12.9	44,000	2650	10.1	34,400	2335	7.1	24,200	1955	5.3	18,000	1895	2.7	9,200	1385
660	1400	13.0	44,500	2485	10.2	34,900	2170	7.2	24,700	1790	5.4	18,500	1730	2.8	9,700	1220

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-036 — HEATING CAPACITY — CH23-65

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
470	1000	12.8	43,600	2755	10.0	34,000	2540	7.0	23,800	2325	5.1	17,500	2070	2.5	8,600	1565
565	1200	13.0	44,200	2555	10.1	34,600	2340	7.2	24,400	2125	5.3	18,100	1870	2.7	9,200	1365
660	1400	13.1	44,700	2395	10.3	35,100	2180	7.3	24,900	1965	5.5	18,600	1710	2.8	9,700	1205

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-036 — HEATING PERFORMANCE
CH33-42B-F - CH23-51 at 1200 cfm (565 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	2650	44,000	12.9
60	16	2595	41,800	12.3
55	13	2535	39,700	11.6
50	10	2480	37,500	11.0
47	8	2445	36,200	10.6
45	7	2335	34,400	10.1
40	4	2050	29,900	8.8
35	2	1770	25,400	7.4
30	-1	1860	24,800	7.3
25	-4	1955	24,200	7.1
20	-7	2045	23,600	6.9
17	-8	2100	23,200	6.8
15	-9	2075	22,300	6.5
10	-12	2020	20,200	5.9
5	-15	1895	18,000	5.3
0	-18	1765	15,800	4.6
-5	-21	1640	13,600	4.0
-10	-23	1515	11,400	3.3
-15	-26	1385	9,200	2.7
-20	-29	1260	7,000	2.1

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-036 — HEATING PERFORMANCE
CH23-65 at 1200 cfm (565 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	2555	44,200	13.0
60	16	2505	42,000	12.3
55	13	2455	39,900	11.7
50	10	2405	37,700	11.0
47	8	2370	36,400	10.7
45	7	2340	34,600	10.1
40	4	2265	30,100	8.8
35	2	2190	25,600	7.5
30	-1	2155	25,000	7.3
25	-4	2125	24,400	7.2
20	-7	2090	23,800	7.0
17	-8	2065	23,400	6.9
15	-9	2045	22,500	6.6
10	-12	1995	20,400	6.0
5	-15	1870	18,100	5.3
0	-18	1745	15,900	4.7
-5	-21	1620	13,700	4.0
-10	-23	1490	11,500	3.4
-15	-26	1365	9,200	2.7
-20	-29	1240	7,000	2.1

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-042 — COOLING CAPACITY — CB29M-46

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	565	1200	12.0	41,000	2750	.73	.88	.99	11.6	39,600	3100	.75	.89	1.0	11.2	38,100	3500	.76	.91	1.0	10.7	36,500	3940	.77	.92	1.0
	660	1400	12.3	42,100	2760	.77	.92	1.0	11.9	40,600	3110	.78	.94	1.0	11.5	39,100	3510	.80	.95	1.0	11.0	37,500	3950	.81	.97	1.0
	755	1600	12.6	43,000	2770	.80	.96	1.0	12.2	41,600	3120	.82	.97	1.0	11.7	40,000	3510	.83	.99	1.0	11.3	38,500	3950	.85	.99	1.0
67°F (19°C)	565	1200	12.8	43,700	2770	.57	.71	.84	12.3	42,100	3120	.58	.72	.86	11.9	40,500	3510	.59	.73	.87	11.3	38,700	3960	.59	.75	.89
	660	1400	13.1	44,600	2770	.59	.74	.89	12.6	43,000	3120	.60	.76	.91	12.1	41,300	3520	.61	.77	.92	11.6	39,500	3980	.62	.79	.94
	755	1600	13.3	45,300	2780	.61	.78	.93	12.8	43,700	3130	.62	.80	.95	12.3	41,900	3530	.63	.81	.96	11.8	40,100	3970	.65	.83	.98
71°F (22°C)	565	1200	13.7	46,600	2790	.43	.56	.68	13.2	45,000	3140	.43	.56	.69	12.7	43,200	3540	.43	.57	.71	12.1	41,400	3990	.43	.58	.72
	660	1400	13.9	47,500	2790	.44	.58	.72	13.4	45,800	3140	.44	.59	.74	12.9	44,000	3550	.44	.60	.75	12.3	42,100	4000	.45	.61	.77
	755	1600	14.1	48,200	2800	.44	.60	.76	13.6	46,500	3150	.45	.61	.77	13.1	44,600	3550	.45	.62	.79	12.5	42,700	4000	.46	.63	.81

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-042 — COOLING CAPACITY — CB29M-51

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	565	1200	11.9	40,600	2730	.73	.87	.99	11.5	39,100	3080	.75	.89	.99	11.0	37,600	3470	.76	.90	1.0	10.6	36,000	3910	.77	.93	1.0
	660	1400	12.2	41,600	2740	.77	.92	1.0	11.8	40,200	3090	.78	.93	1.0	11.3	38,600	3480	.80	.95	1.0	10.8	37,000	3920	.81	.97	1.0
	755	1600	12.5	42,600	2740	.80	.96	1.0	12.0	41,100	3090	.82	.97	1.0	11.6	39,600	3480	.84	.98	1.0	11.1	38,000	3930	.85	1.0	1.0
67°F (19°C)	565	1200	12.7	43,200	2740	.57	.71	.84	12.2	41,600	3090	.58	.72	.85	11.7	40,000	3490	.59	.73	.87	11.2	38,300	3930	.59	.75	.89
	660	1400	12.9	44,100	2750	.59	.74	.89	12.5	42,500	3100	.60	.76	.90	12.0	40,800	3500	.61	.77	.92	11.5	39,100	3940	.62	.79	.94
	755	1600	13.2	44,900	2760	.61	.78	.93	12.7	43,200	3110	.62	.80	.95	12.2	41,500	3500	.63	.81	.96	11.6	39,700	3940	.65	.83	.98
71°F (22°C)	565	1200	13.5	46,100	2770	.43	.56	.68	13.0	44,500	3110	.43	.56	.69	12.5	42,700	3510	.43	.57	.71	12.0	40,900	3960	.44	.58	.72
	660	1400	13.8	47,100	2770	.44	.58	.72	13.3	45,300	3120	.44	.59	.73	12.7	43,500	3520	.44	.60	.75	12.2	41,700	3960	.44	.61	.77
	755	1600	14.0	47,800	2780	.44	.60	.76	13.5	46,000	3130	.45	.61	.77	13.0	44,200	3530	.45	.62	.79	12.4	42,200	3970	.45	.64	.81

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-042 — HEATING CAPACITY — CB29M-46

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
470	1000	14.2	48,300	3515	11.2	38,100	3250	8.0	27,300	2975	5.9	20,100	2655	2.9	10,000	1995
565	1200	14.3	48,800	3295	11.3	38,600	3030	8.1	27,800	2755	6.0	20,600	2435	3.1	10,500	1775
660	1400	14.4	49,300	3115	11.5	39,100	2850	8.3	28,300	2575	6.2	21,100	2255	3.2	11,000	1595

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-042 — HEATING CAPACITY — CB29M-51

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
565	1200	14.7	50,200	3585	11.6	39,700	3265	8.4	28,600	2940	6.2	21,200	2585	3.0	10,400	1960
660	1400	14.9	50,800	3350	11.8	40,300	3030	8.6	29,200	2705	6.4	21,800	2350	3.2	11,000	1725
755	1600	15.0	51,300	3160	12.0	40,800	2840	8.7	29,700	2515	6.5	22,300	2160	3.4	11,500	1535

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-042 — HEATING PERFORMANCE CB29M-46 at 1200 cfm (565 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	3295	48,800	14.3
60	16	3230	46,500	13.6
55	13	3170	44,100	12.9
50	10	3105	41,800	12.3
47	8	3065	40,400	11.8
45	7	3030	38,600	11.3
40	4	2935	34,100	10.0
35	2	2840	29,600	8.7
30	-1	2800	28,700	8.4
25	-4	2755	27,800	8.1
20	-7	2715	26,900	7.9
17	-8	2685	26,400	7.7
15	-9	2660	25,500	7.5
10	-12	2600	23,100	6.8
5	-15	2435	20,600	6.0
0	-18	2270	18,100	5.3
-5	-21	2105	15,500	4.5
-10	-23	1940	13,000	3.8
-15	-26	1775	10,500	3.1
-20	-29	1610	7,900	2.3

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-042 — HEATING PERFORMANCE CB29M-51 at 1400 cfm (660 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	3350	50,800	14.9
60	16	3275	48,400	14.2
55	13	3195	46,000	13.5
50	10	3120	43,600	12.8
47	8	3075	42,200	12.4
45	7	3030	40,300	11.8
40	4	2925	35,700	10.5
35	2	2815	31,000	9.1
30	-1	2760	30,100	8.8
25	-4	2705	29,200	8.6
20	-7	2650	28,300	8.3
17	-8	2615	27,800	8.1
15	-9	2585	26,800	7.9
10	-12	2510	24,400	7.2
5	-15	2350	21,800	6.4
0	-18	2195	19,100	5.6
-5	-21	2040	16,400	4.8
-10	-23	1880	13,700	4.0
-15	-26	1725	11,000	3.2
-20	-29	1570	8,300	2.4

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-042 — COOLING CAPACITY — CB30M-41/CB30U-41/46

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	565	1200	11.8	40,300	2730	.73	.87	.99	11.4	38,800	3080	.75	.89	1.0	10.9	37,300	3470	.76	.91	1.0	10.5	35,800	3910	.77	.92	1.0
	660	1400	12.1	41,300	2740	.77	.92	1.0	11.7	39,900	3090	.78	.93	1.0	11.2	38,300	3480	.80	.95	1.0	10.8	36,800	3920	.81	.97	1.0
	755	1600	12.4	42,300	2740	.81	.96	1.0	12.0	40,800	3090	.82	.97	1.0	11.5	39,300	3480	.83	.98	1.0	11.0	37,700	3930	.85	1.0	1.0
67°F (19°C)	565	1200	12.6	42,900	2740	.57	.71	.84	12.1	41,300	3090	.58	.72	.85	11.6	39,700	3490	.58	.73	.87	11.1	38,000	3930	.59	.75	.89
	660	1400	12.8	43,800	2750	.59	.74	.89	12.4	42,200	3100	.60	.76	.90	11.9	40,500	3500	.61	.77	.92	11.4	38,800	3940	.62	.79	.94
	755	1600	13.0	44,500	2760	.61	.78	.93	12.6	42,900	3110	.62	.80	.95	12.1	41,200	3500	.64	.81	.96	11.5	39,400	3940	.65	.83	.98
71°F (22°C)	565	1200	13.4	45,800	2770	.43	.55	.68	13.0	44,200	3110	.43	.56	.69	12.4	42,400	3510	.43	.57	.71	11.9	40,600	3960	.44	.58	.72
	660	1400	13.7	46,700	2770	.43	.58	.72	13.2	45,000	3120	.44	.59	.73	12.7	43,200	3520	.44	.59	.75	12.1	41,400	3960	.44	.61	.77
	755	1600	13.9	47,400	2780	.44	.60	.76	13.4	45,700	3130	.45	.61	.77	12.9	43,900	3530	.45	.62	.79	12.3	41,900	3970	.46	.63	.81

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-042 — COOLING CAPACITY — CB30M-46

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	565	1200	11.8	40,300	2730	.73	.87	.99	11.4	38,800	3080	.75	.89	1.0	10.9	37,300	3470	.76	.91	1.0	10.5	35,800	3910	.77	.92	1.0
	660	1400	12.1	41,300	2740	.77	.92	1.0	11.7	39,900	3090	.78	.93	1.0	11.2	38,300	3480	.80	.95	1.0	10.8	36,800	3920	.81	.97	1.0
	755	1600	12.4	42,300	2740	.81	.96	1.0	12.0	40,800	3090	.82	.97	1.0	11.5	39,300	3480	.83	.98	1.0	11.0	37,700	3930	.85	1.0	1.0
67°F (19°C)	565	1200	12.6	42,900	2740	.57	.71	.84	12.1	41,300	3090	.58	.72	.85	11.6	39,700	3490	.58	.73	.87	11.1	38,000	3930	.59	.75	.89
	660	1400	12.8	43,800	2750	.59	.74	.89	12.4	42,200	3100	.60	.76	.90	11.9	40,500	3500	.61	.77	.92	11.4	38,800	3940	.62	.79	.94
	755	1600	13.0	44,500	2760	.61	.78	.93	12.6	42,900	3110	.62	.80	.95	12.1	41,200	3500	.64	.81	.96	11.5	39,400	3940	.65	.83	.98
71°F (22°C)	565	1200	13.4	45,800	2770	.43	.55	.68	13.0	44,200	3110	.43	.56	.69	12.4	42,400	3510	.43	.57	.71	11.9	40,600	3960	.44	.58	.72
	660	1400	13.7	46,700	2770	.43	.58	.72	13.2	45,000	3120	.44	.59	.73	12.7	43,200	3520	.44	.59	.75	12.1	41,400	3960	.44	.61	.77
	755	1600	13.9	47,400	2780	.44	.60	.76	13.4	45,700	3130	.45	.61	.77	12.9	43,900	3530	.45	.62	.79	12.3	41,900	3970	.46	.63	.81

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-042 — HEATING CAPACITY — CB30M-41/CB30U-41/46

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
565	1200	14.7	50,100	3435	11.5	39,400	3155	8.3	28,200	2870	6.1	20,700	2540	3.0	10,300	1910
660	1400	14.8	50,600	3240	11.7	39,900	2960	8.4	28,700	2675	6.2	21,200	2345	3.2	10,800	1715
755	1600	14.9	51,000	3080	11.8	40,300	2800	8.5	29,100	2515	6.3	21,600	2185	3.3	11,200	1555

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-042 — HEATING CAPACITY — CB30M-46

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
565	1200	14.4	49,300	3465	11.4	38,900	3155	8.1	27,800	2830	6.0	20,400	2485	3.0	10,100	1875
660	1400	14.6	49,800	3270	11.5	39,400	2960	8.3	28,300	2635	6.1	20,900	2290	3.1	10,600	1680
755	1600	14.7	50,200	3110	11.7	39,800	2800	8.4	28,700	2475	6.2	21,300	2130	3.2	11,000	1520

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-042 — HEATING PERFORMANCE CB30M-41/CB30U-41/46 at 1400 cfm (660 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	3240	50,600	14.8
60	16	3175	48,100	14.1
55	13	3105	45,700	13.4
50	10	3040	43,300	12.7
47	8	3000	41,800	12.3
45	7	2960	39,900	11.7
40	4	2865	35,200	10.3
35	2	2770	30,600	9.0
30	-1	2720	29,600	8.7
25	-4	2675	28,700	8.4
20	-7	2625	27,800	8.1
17	-8	2595	27,200	8.0
15	-9	2570	26,200	7.7
10	-12	2505	23,800	7.0
5	-15	2345	21,200	6.2
0	-18	2190	18,600	5.5
-5	-21	2030	16,000	4.7
-10	-23	1875	13,400	3.9
-15	-26	1715	10,800	3.2
-20	-29	1560	8,200	2.4

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-042 — HEATING PERFORMANCE CB30M-46 at 1400 cfm (660 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	3270	49,800	14.6
60	16	3195	47,400	13.9
55	13	3120	45,000	13.2
50	10	3045	42,600	12.5
47	8	3000	41,200	12.1
45	7	2960	39,400	11.5
40	4	2855	34,700	10.2
35	2	2750	30,100	8.8
30	-1	2695	29,200	8.6
25	-4	2635	28,300	8.3
20	-7	2580	27,400	8.0
17	-8	2545	26,800	7.9
15	-9	2515	25,800	7.6
10	-12	2440	23,400	6.9
5	-15	2290	20,900	6.1
0	-18	2135	18,300	5.4
-5	-21	1985	15,700	4.6
-10	-23	1835	13,200	3.9
-15	-26	1680	10,600	3.1
-20	-29	1530	8,000	2.3

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-042 — COOLING CAPACITY — CB29M-65

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	565	1200	12.0	41,000	2730	.73	.87	.99	11.6	39,600	3080	.74	.89	1.0	11.1	38,000	3470	.76	.91	1.0	10.7	36,400	3910	.77	.92	1.0
	660	1400	12.3	42,100	2740	.77	.92	1.0	11.9	40,600	3090	.78	.93	1.0	11.5	39,100	3480	.80	.95	1.0	11.0	37,400	3920	.82	.97	1.0
	755	1600	12.6	43,000	2740	.80	.96	1.0	12.2	41,600	3090	.82	.97	1.0	11.7	40,000	3480	.83	.99	1.0	11.3	38,400	3930	.85	1.0	1.0
67°F (19°C)	565	1200	12.8	43,700	2740	.57	.71	.84	12.3	42,100	3090	.58	.72	.85	11.8	40,400	3490	.59	.73	.87	11.3	38,700	3930	.59	.75	.89
	660	1400	13.1	44,600	2750	.59	.74	.89	12.6	43,000	3100	.60	.76	.90	12.1	41,300	3500	.61	.77	.92	11.6	39,500	3940	.62	.79	.94
	755	1600	13.3	45,400	2760	.61	.78	.93	12.8	43,700	3110	.62	.80	.95	12.3	42,000	3500	.63	.81	.96	11.8	40,100	3940	.65	.83	.98
71°F (22°C)	565	1200	13.7	46,600	2770	.43	.56	.68	13.2	45,000	3110	.43	.56	.69	12.7	43,200	3510	.43	.57	.71	12.1	41,400	3960	.43	.58	.72
	660	1400	14.0	47,600	2770	.43	.58	.72	13.5	45,900	3120	.44	.59	.73	12.9	44,000	3520	.44	.60	.75	12.3	42,100	3960	.44	.61	.77
	755	1600	14.2	48,300	2780	.44	.60	.76	13.6	46,500	3130	.45	.61	.77	13.1	44,700	3530	.45	.62	.79	12.5	42,700	3970	.46	.63	.81

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-042 — COOLING CAPACITY — CB31MV-41

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	565	1200	11.8	40,400	2730	.73	.87	.99	11.4	39,000	3080	.74	.89	.99	11.0	37,500	3470	.76	.90	1.0	10.5	35,900	3910	.77	.92	1.0
	660	1400	12.2	41,500	2740	.77	.92	1.0	11.8	40,100	3090	.78	.93	1.0	11.3	38,500	3480	.80	.95	1.0	10.8	36,900	3920	.81	.97	1.0
	755	1600	12.4	42,400	2740	.80	.96	1.0	12.0	41,000	3090	.82	.97	1.0	11.5	39,400	3480	.83	.99	1.0	11.1	37,900	3930	.85	1.0	1.0
67°F (19°C)	565	1200	12.6	43,100	2740	.57	.71	.84	12.2	41,500	3090	.58	.72	.85	11.7	39,900	3490	.58	.73	.87	11.2	38,200	3930	.60	.75	.89
	660	1400	12.9	44,000	2750	.59	.74	.89	12.4	42,400	3100	.60	.76	.90	11.9	40,700	3500	.61	.77	.92	11.4	38,900	3940	.62	.79	.94
	755	1600	13.1	44,700	2760	.62	.78	.93	12.6	43,100	3110	.62	.80	.95	12.1	41,400	3500	.63	.81	.96	11.6	39,600	3940	.65	.83	.98
71°F (22°C)	565	1200	13.5	46,000	2770	.43	.55	.68	13.0	44,300	3110	.43	.56	.69	12.5	42,600	3510	.43	.57	.71	12.0	40,800	3960	.43	.58	.72
	660	1400	13.7	46,900	2770	.43	.58	.72	13.2	45,200	3120	.44	.59	.73	12.7	43,400	3520	.44	.59	.75	12.2	41,500	3960	.45	.61	.77
	755	1600	14.0	47,600	2780	.44	.60	.76	13.5	45,900	3130	.45	.61	.77	12.9	44,000	3530	.45	.62	.79	12.3	42,100	3970	.46	.63	.81

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-042 — HEATING CAPACITY — CB29M-65

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
565	1200	14.7	50,000	3535	11.5	39,300	3230	8.2	28,100	2920	6.0	20,600	2575	3.0	10,200	1945
660	1400	14.8	50,600	3320	11.7	39,900	3015	8.4	28,700	2705	6.2	21,200	2360	3.2	10,800	1730
755	1600	15.0	51,100	3135	11.8	40,400	2830	8.6	29,200	2520	6.4	21,700	2175	3.3	11,300	1545

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-042 — HEATING CAPACITY — CB31MV-41

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
565	1200	14.4	49,300	3395	11.4	38,900	3110	8.1	27,800	2820	6.0	20,400	2490	3.0	10,100	1875
660	1400	14.6	49,800	3205	11.5	39,400	2920	8.3	28,300	2630	6.1	20,900	2300	3.1	10,600	1685
755	1600	14.7	50,200	3055	11.7	39,800	2770	8.4	28,700	2480	6.2	21,300	2150	3.2	11,000	1535

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-042 — HEATING PERFORMANCE CB29M-65 at 1400 cfm (660 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	3320	50,600	14.8
60	16	3245	48,100	14.1
55	13	3170	45,700	13.4
50	10	3100	43,300	12.7
47	8	3055	41,800	12.3
45	7	3015	39,900	11.7
40	4	2910	35,200	10.3
35	2	2810	30,600	9.0
30	-1	2755	29,600	8.7
25	-4	2705	28,700	8.4
20	-7	2650	27,800	8.1
17	-8	2620	27,200	8.0
15	-9	2590	26,200	7.7
10	-12	2520	23,800	7.0
5	-15	2360	21,200	6.2
0	-18	2205	18,600	5.5
-5	-21	2045	16,000	4.7
-10	-23	1885	13,400	3.9
-15	-26	1730	10,800	3.2
-20	-29	1570	8,200	2.4

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-042 — HEATING PERFORMANCE CB31MV-41 at 1400 cfm (660 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	3205	49,800	14.6
60	16	3135	47,400	13.9
55	13	3065	45,000	13.2
50	10	3000	42,600	12.5
47	8	2960	41,200	12.1
45	7	2920	39,400	11.5
40	4	2825	34,700	10.2
35	2	2725	30,100	8.8
30	-1	2680	29,200	8.6
25	-4	2630	28,300	8.3
20	-7	2580	27,400	8.0
17	-8	2550	26,800	7.9
15	-9	2520	25,800	7.6
10	-12	2455	23,400	6.9
5	-15	2300	20,900	6.1
0	-18	2145	18,300	5.4
-5	-21	1990	15,700	4.6
-10	-23	1835	13,200	3.9
-15	-26	1685	10,600	3.1
-20	-29	1530	8,000	2.3

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-042 — COOLING CAPACITY — CB30M-51 — CB30U-51

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	565	1200	12.1	41,200	2740	.73	.87	.99	11.6	39,700	3090	.74	.89	1.0	11.2	38,200	3480	.75	.90	1.0	10.7	36,500	3930	.77	.92	1.0
	660	1400	12.4	42,400	2750	.77	.92	1.0	12.0	40,800	3100	.78	.94	1.0	11.5	39,200	3490	.80	.95	1.0	11.0	37,500	3940	.81	.97	1.0
	755	1600	12.7	43,400	2760	.80	.96	1.0	12.3	41,800	3110	.82	.98	1.0	11.8	40,200	3500	.84	.99	1.0	11.3	38,600	3950	.86	1.0	1.0
67°F (19°C)	565	1200	12.9	44,000	2760	.57	.70	.83	12.4	42,400	3110	.58	.71	.85	11.9	40,700	3500	.58	.73	.87	11.4	38,900	3950	.59	.74	.89
	660	1400	13.2	45,100	2770	.59	.74	.89	12.7	43,400	3120	.60	.76	.90	12.2	41,600	3520	.61	.77	.92	11.6	39,700	3960	.62	.79	.94
	755	1600	13.5	45,900	2780	.61	.78	.93	12.9	44,100	3130	.62	.80	.95	12.4	42,300	3520	.63	.81	.97	11.8	40,400	3970	.65	.83	.99
71°F (22°C)	565	1200	13.8	47,100	2780	.43	.55	.68	13.3	45,400	3130	.43	.56	.69	12.8	43,600	3530	.43	.57	.70	12.2	41,600	3980	.44	.58	.72
	660	1400	14.1	48,100	2790	.43	.58	.72	13.6	46,300	3140	.44	.59	.73	13.0	44,400	3540	.44	.59	.75	12.5	42,500	3990	.44	.60	.76
	755	1600	14.3	48,900	2800	.44	.60	.76	13.8	47,100	3150	.45	.61	.77	13.2	45,100	3550	.45	.62	.79	12.6	43,100	3990	.45	.63	.81

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-042 — COOLING CAPACITY — CB31MV-51

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	565	1200	12.1	41,300	2730	.73	.87	.99	11.7	39,800	3070	.74	.88	1.0	11.2	38,200	3460	.75	.90	1.0	10.7	36,600	3910	.77	.92	1.0
	660	1400	12.5	42,500	2740	.77	.92	1.0	12.0	40,900	3090	.78	.93	1.0	11.5	39,300	3480	.80	.95	1.0	11.0	37,600	3920	.81	.97	1.0
	755	1600	12.7	43,500	2740	.80	.96	1.0	12.3	41,900	3090	.82	.98	1.0	11.8	40,300	3490	.84	.99	1.0	11.3	38,700	3930	.85	1.0	1.0
67°F (19°C)	565	1200	12.9	44,100	2750	.57	.70	.83	12.5	42,500	3100	.58	.72	.85	12.0	40,800	3490	.58	.73	.87	11.4	39,000	3930	.59	.74	.89
	660	1400	13.2	45,200	2750	.59	.74	.89	12.7	43,500	3110	.60	.75	.90	12.2	41,700	3500	.61	.77	.92	11.7	39,800	3940	.62	.79	.94
	755	1600	13.5	46,000	2760	.61	.78	.93	13.0	44,200	3110	.62	.79	.95	12.4	42,400	3500	.63	.81	.97	11.9	40,500	3950	.65	.83	.99
71°F (22°C)	565	1200	13.8	47,200	2770	.43	.55	.68	13.3	45,500	3120	.43	.56	.69	12.8	43,700	3510	.43	.57	.70	12.2	41,700	3960	.43	.58	.72
	660	1400	14.1	48,200	2780	.43	.58	.72	13.6	46,400	3130	.44	.58	.73	13.0	44,500	3530	.44	.59	.75	12.5	42,500	3970	.44	.60	.77
	755	1600	14.4	49,000	2790	.44	.60	.76	13.8	47,200	3130	.44	.61	.77	13.2	45,200	3530	.45	.62	.79	12.7	43,200	3970	.46	.63	.81

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-042 — HEATING CAPACITY — CB30M-51 — CB30U-51

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
565	1200	14.7	50,300	3390	11.6	39,500	3130	8.3	28,200	2860	6.0	20,600	2550	3.0	10,300	1915
660	1400	14.9	50,700	3190	11.7	39,900	2930	8.4	28,600	2660	6.2	21,000	2350	3.1	10,700	1715
755	1600	15.0	51,100	3035	11.8	40,300	2775	8.5	29,000	2505	6.3	21,400	2195	3.3	11,100	1560

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-042 — HEATING CAPACITY — CB31MV-51

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
565	1200	14.4	49,000	3265	11.3	38,600	3040	8.1	27,500	2810	5.9	20,100	2520	2.9	10,000	1885
660	1400	14.5	49,400	3080	11.4	39,000	2855	8.2	27,900	2625	6.0	20,500	2335	3.0	10,400	1700
755	1600	14.6	49,800	2940	11.5	39,400	2715	8.3	28,300	2485	6.1	20,900	2195	3.2	10,800	1560

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-042 — HEATING PERFORMANCE
CB30M-51/CB30U-51 at 1400 cfm (660 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	3190	50,700	14.9
60	16	3130	48,200	14.1
55	13	3065	45,700	13.4
50	10	3005	43,300	12.7
47	8	2965	41,800	12.3
45	7	2930	39,900	11.7
40	4	2840	35,200	10.3
35	2	2750	30,500	8.9
30	-1	2705	29,500	8.6
25	-4	2660	28,600	8.4
20	-7	2620	27,600	8.1
17	-8	2595	27,000	7.9
15	-9	2570	26,000	7.6
10	-12	2505	23,500	6.9
5	-15	2350	21,000	6.2
0	-18	2190	18,400	5.4
-5	-21	2030	15,800	4.6
-10	-23	1875	13,200	3.9
-15	-26	1715	10,700	3.1
-20	-29	1555	8,100	2.4

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-042 — HEATING PERFORMANCE
CB31MV-51 at 1400 cfm (660 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	3080	49,400	14.5
60	16	3030	47,000	13.8
55	13	2975	44,600	13.1
50	10	2920	42,200	12.4
47	8	2890	40,800	12.0
45	7	2855	39,000	11.4
40	4	2775	34,400	10.1
35	2	2695	29,800	8.7
30	-1	2660	28,800	8.4
25	-4	2625	27,900	8.2
20	-7	2590	27,000	7.9
17	-8	2565	26,400	7.7
15	-9	2545	25,400	7.4
10	-12	2490	23,000	6.7
5	-15	2335	20,500	6.0
0	-18	2175	18,000	5.3
-5	-21	2015	15,500	4.5
-10	-23	1855	13,000	3.8
-15	-26	1700	10,400	3.0
-20	-29	1540	7,900	2.3

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-042 — COOLING CAPACITY — CVP10-41/EC10Q3 — CVP10-46/EC10Q4

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	565	1200	11.8	40,100	2720	.73	.87	.99	11.3	38,700	3070	.74	.88	.99	10.9	37,200	3460	.75	.90	1.0	10.4	35,600	3900	.77	.92	1.0
	660	1400	12.1	41,200	2730	.77	.92	1.0	11.6	39,700	3080	.78	.93	1.0	11.2	38,200	3470	.80	.95	1.0	10.7	36,600	3910	.81	.97	1.0
	755	1600	12.3	42,100	2740	.80	.96	1.0	11.9	40,700	3090	.82	.97	1.0	11.5	39,200	3470	.83	.98	1.0	11.0	37,600	3910	.85	1.0	1.0
67°F (19°C)	565	1200	12.5	42,700	2740	.57	.70	.84	12.1	41,200	3080	.58	.72	.85	11.6	39,600	3480	.58	.73	.87	11.1	37,900	3920	.59	.74	.89
	660	1400	12.8	43,600	2740	.59	.74	.89	12.3	42,100	3090	.60	.76	.90	11.8	40,400	3490	.61	.77	.92	11.3	38,600	3930	.62	.79	.94
	755	1600	13.0	44,400	2750	.61	.78	.93	12.5	42,800	3100	.62	.79	.94	12.0	41,100	3490	.63	.81	.96	11.5	39,300	3940	.65	.83	.98
71°F (22°C)	565	1200	13.4	45,600	2760	.43	.55	.68	12.9	44,000	3100	.43	.56	.69	12.4	42,300	3500	.43	.57	.71	11.9	40,500	3950	.43	.58	.72
	660	1400	13.6	46,500	2760	.43	.58	.72	13.1	44,800	3110	.44	.58	.73	12.6	43,100	3510	.44	.59	.75	12.1	41,200	3960	.44	.61	.77
	755	1600	13.9	47,300	2770	.44	.60	.76	13.3	45,500	3120	.45	.61	.77	12.8	43,700	3520	.45	.62	.79	12.3	41,800	3960	.45	.63	.81

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-042 — COOLING CAPACITY — C33-38B - C26-41

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	565	1200	11.8	40,400	2710	.73	.87	.99	11.4	39,000	3060	.74	.89	.99	11.0	37,500	3450	.76	.90	1.0	10.6	36,000	3890	.77	.92	1.0
	660	1400	12.2	41,500	2720	.77	.92	1.0	11.7	40,000	3070	.78	.94	1.0	11.3	38,500	3460	.80	.95	1.0	10.8	36,900	3890	.82	.97	1.0
	755	1600	12.4	42,400	2730	.80	.96	1.0	12.0	40,900	3070	.82	.97	1.0	11.5	39,400	3460	.83	.99	1.0	11.1	37,900	3900	.85	1.0	1.0
67°F (19°C)	565	1200	12.6	43,000	2730	.57	.71	.84	12.2	41,500	3070	.58	.72	.85	11.7	39,900	3460	.59	.73	.87	11.2	38,200	3910	.60	.75	.89
	660	1400	12.9	43,900	2730	.59	.74	.89	12.4	42,300	3080	.60	.76	.90	11.9	40,700	3470	.61	.77	.92	11.4	38,900	3920	.62	.79	.94
	755	1600	13.1	44,600	2740	.61	.78	.93	12.6	43,000	3090	.62	.80	.94	12.1	41,300	3480	.63	.81	.96	11.6	39,500	3920	.65	.83	.98
71°F (22°C)	565	1200	13.5	45,900	2750	.43	.56	.68	13.0	44,300	3090	.43	.56	.70	12.5	42,600	3490	.43	.57	.71	12.0	40,800	3930	.43	.58	.72
	660	1400	13.7	46,800	2750	.44	.58	.72	13.2	45,100	3100	.44	.59	.74	12.7	43,300	3500	.44	.60	.75	12.2	41,500	3940	.45	.61	.77
	755	1600	13.9	47,500	2760	.44	.60	.76	13.4	45,800	3110	.45	.61	.78	12.9	44,000	3500	.45	.62	.79	12.3	42,100	3940	.46	.63	.81

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-042 — HEATING CAPACITY — CVP10-41/EC10Q3 — CVP10-46/EC10Q4

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
565	1200	13.9	47,500	3145	11.2	38,200	2900	8.3	28,300	2645	6.4	21,700	2340	3.2	10,800	1715
660	1400	14.0	47,600	3115	11.2	38,300	2870	8.3	28,400	2615	6.4	21,800	2310	3.2	10,900	1685
755	1600	14.2	48,500	2905	11.5	39,200	2660	8.6	29,300	2405	6.7	22,700	2100	3.5	11,800	1475

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-042 — HEATING CAPACITY — C33-38B - C26-41

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
565	1200	14.5	49,400	3540	11.5	39,100	3215	8.2	28,100	2880	6.1	20,800	2525	3.0	10,300	1910
660	1400	14.6	49,900	3325	11.6	39,600	3000	8.4	28,600	2665	6.2	21,300	2310	3.2	10,800	1695
755	1600	14.8	50,400	3150	11.8	40,100	2825	8.5	29,100	2490	6.4	21,800	2135	3.3	11,300	1520

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-042 — HEATING PERFORMANCE
CVP10-41/EC10Q3/CVP10-46/EC10Q4 at 1400 cfm (660 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	3115	47,600	14.0
60	16	3055	45,500	13.3
55	13	2995	43,400	12.7
50	10	2935	41,300	12.1
47	8	2900	40,000	11.7
45	7	2870	38,300	11.2
40	4	2785	34,000	10.0
35	2	2705	29,700	8.7
30	-1	2660	29,100	8.5
25	-4	2615	28,400	8.3
20	-7	2575	27,800	8.1
17	-8	2550	27,400	8.0
15	-9	2525	26,600	7.8
10	-12	2465	24,500	7.2
5	-15	2310	21,800	6.4
0	-18	2155	19,000	5.6
-5	-21	1995	16,300	4.8
-10	-23	1840	13,600	4.0
-15	-26	1685	10,900	3.2
-20	-29	1530	8,200	2.4

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-042 — HEATING PERFORMANCE
C33-38B - C26-41 at 1400 cfm (660 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	3325	49,900	14.6
60	16	3245	47,600	14.0
55	13	3170	45,200	13.2
50	10	3090	42,800	12.5
47	8	3045	41,400	12.1
45	7	3000	39,600	11.6
40	4	2890	35,000	10.3
35	2	2785	30,400	8.9
30	-1	2725	29,500	8.6
25	-4	2665	28,600	8.4
20	-7	2610	27,700	8.1
17	-8	2575	27,200	8.0
15	-9	2540	26,300	7.7
10	-12	2465	23,900	7.0
5	-15	2310	21,300	6.2
0	-18	2155	18,600	5.5
-5	-21	2005	16,000	4.7
-10	-23	1850	13,400	3.9
-15	-26	1695	10,800	3.2
-20	-29	1545	8,200	2.4

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-042 — COOLING CAPACITY — C26-46 - C33-48B/C

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	565	1200	12.0	40,900	2720	.73	.88	.99	11.5	39,400	3070	.75	.89	1.0	11.1	37,900	3460	.76	.91	1.0	10.6	36,300	3890	.78	.93	1.0
	660	1400	12.3	42,000	2730	.77	.92	1.0	11.9	40,500	3070	.79	.94	1.0	11.4	39,000	3460	.80	.96	1.0	10.9	37,300	3900	.82	.98	1.0
	755	1600	12.6	43,000	2730	.81	.97	1.0	12.2	41,500	3080	.83	.98	1.0	11.7	39,900	3470	.84	.99	1.0	11.3	38,400	3910	.86	1.0	1.0
67°F (19°C)	565	1200	12.7	43,500	2730	.57	.71	.84	12.3	41,900	3090	.58	.72	.86	11.8	40,300	3480	.59	.73	.87	11.3	38,500	3920	.60	.75	.89
	660	1400	13.0	44,500	2740	.60	.75	.89	12.5	42,800	3090	.60	.76	.91	12.0	41,100	3480	.61	.78	.93	11.5	39,300	3920	.62	.80	.95
	755	1600	13.2	45,200	2750	.62	.79	.94	12.8	43,600	3100	.63	.80	.95	12.3	41,800	3490	.64	.82	.97	11.7	40,000	3940	.65	.84	.99
71°F (22°C)	565	1200	13.6	46,400	2750	.43	.56	.69	13.1	44,800	3110	.43	.56	.70	12.6	43,000	3500	.43	.57	.71	12.1	41,200	3940	.44	.58	.73
	660	1400	13.9	47,400	2760	.43	.58	.73	13.4	45,700	3110	.44	.59	.74	12.8	43,800	3500	.44	.60	.75	12.3	41,900	3950	.45	.61	.77
	755	1600	14.1	48,100	2770	.44	.60	.77	13.6	46,300	3120	.45	.62	.78	13.0	44,500	3510	.45	.63	.80	12.5	42,500	3960	.46	.64	.82

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-042 — COOLING CAPACITY — C33-50C - C26-51/65

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	565	1200	12.1	41,400	2730	.73	.87	.99	11.7	40,000	3070	.75	.89	1.0	11.3	38,400	3460	.76	.91	1.0	10.8	36,700	3900	.77	.93	1.0
	660	1400	12.5	42,600	2730	.77	.92	1.0	12.0	41,100	3080	.78	.94	1.0	11.5	39,400	3470	.80	.96	1.0	11.0	37,700	3920	.82	.98	1.0
	755	1600	12.8	43,600	2740	.81	.97	1.0	12.3	42,100	3090	.82	.98	1.0	11.8	40,400	3480	.84	1.0	1.0	11.4	38,900	3920	.86	1.0	1.0
67°F (19°C)	565	1200	13.0	44,200	2750	.57	.71	.84	12.5	42,500	3090	.58	.72	.85	12.0	40,800	3480	.59	.73	.87	11.5	39,100	3930	.59	.75	.89
	660	1400	13.2	45,200	2750	.59	.75	.89	12.7	43,500	3100	.60	.76	.91	12.2	41,700	3500	.61	.78	.93	11.7	39,900	3940	.62	.79	.95
	755	1600	13.5	46,000	2760	.62	.78	.94	13.0	44,300	3110	.63	.80	.95	12.5	42,500	3500	.64	.82	.97	11.9	40,600	3940	.65	.84	.99
71°F (22°C)	565	1200	13.8	47,200	2770	.43	.56	.68	13.3	45,500	3120	.43	.56	.69	12.8	43,700	3510	.43	.57	.71	12.3	41,800	3950	.44	.58	.72
	660	1400	14.1	48,200	2770	.44	.58	.72	13.6	46,400	3120	.44	.59	.74	13.0	44,500	3520	.44	.60	.75	12.5	42,500	3970	.45	.61	.77
	755	1600	14.4	49,000	2780	.44	.60	.76	13.8	47,200	3130	.45	.61	.78	13.2	45,200	3520	.45	.63	.79	12.7	43,200	3970	.46	.64	.82

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-042 — HEATING CAPACITY — C26-46 - C33-48B/C

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
565	1200	14.4	49,200	3440	11.4	38,900	3205	8.2	27,900	2965	6.0	20,600	2665	3.0	10,200	1995
660	1400	14.6	49,700	3225	11.5	39,400	2990	8.3	28,400	2750	6.2	21,100	2450	3.1	10,700	1780
755	1600	14.7	50,100	3040	11.7	39,800	2805	8.4	28,800	2565	6.3	21,500	2265	3.3	11,100	1595

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-042 — HEATING CAPACITY — C33-50C - C26-51/65

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
565	1200	14.5	49,400	3555	11.4	38,900	3260	8.2	27,900	2955	6.0	20,500	2615	3.0	10,100	1985
660	1400	14.7	50,000	3300	11.6	39,500	3005	8.4	28,500	2700	6.2	21,100	2360	3.1	10,700	1730
755	1600	14.8	50,500	3105	11.7	40,000	2810	8.5	29,000	2505	6.3	21,600	2165	3.3	11,200	1535

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-042 — HEATING PERFORMANCE
C26-46 - C33-48B/C at 1400 cfm (660 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	3225	49,700	14.6
60	16	3170	47,400	13.9
55	13	3115	45,000	13.2
50	10	3055	42,600	12.5
47	8	3025	41,200	12.1
45	7	2990	39,400	11.5
40	4	2905	34,800	10.2
35	2	2820	30,200	8.9
30	-1	2785	29,300	8.6
25	-4	2750	28,400	8.3
20	-7	2715	27,500	8.1
17	-8	2690	27,000	7.9
15	-9	2670	26,100	7.6
10	-12	2615	23,700	6.9
5	-15	2450	21,100	6.2
0	-18	2280	18,500	5.4
-5	-21	2115	15,900	4.7
-10	-23	1950	13,300	3.9
-15	-26	1780	10,700	3.1
-20	-29	1615	8,100	2.4

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-042 — HEATING PERFORMANCE
C33-50C - C26-51/65 at 1400 cfm (660 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	3300	50,000	14.7
60	16	3225	47,600	14.0
55	13	3155	45,200	13.2
50	10	3085	42,800	12.5
47	8	3045	41,400	12.1
45	7	3005	39,500	11.6
40	4	2900	34,900	10.2
35	2	2800	30,300	8.9
30	-1	2750	29,400	8.6
25	-4	2700	28,500	8.4
20	-7	2650	27,500	8.1
17	-8	2620	27,000	7.9
15	-9	2590	26,000	7.6
10	-12	2520	23,600	6.9
5	-15	2360	21,100	6.2
0	-18	2205	18,500	5.4
-5	-21	2045	15,900	4.7
-10	-23	1885	13,300	3.9
-15	-26	1730	10,700	3.1
-20	-29	1570	8,100	2.4

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-042 — COOLING CAPACITY — CR26-41

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	565	1200	11.8	40,400	2720	.73	.87	.99	11.4	39,000	3070	.74	.89	.99	11.0	37,500	3460	.76	.90	1.0	10.5	35,900	3900	.78	.92	1.0
	660	1400	12.1	41,400	2730	.77	.92	1.0	11.7	40,000	3070	.78	.94	1.0	11.3	38,500	3470	.80	.95	1.0	10.8	36,900	3910	.81	.97	1.0
	755	1600	12.4	42,300	2730	.80	.96	1.0	12.0	40,900	3080	.82	.97	1.0	11.5	39,400	3470	.84	.98	1.0	11.1	37,800	3910	.85	1.0	1.0
67°F (19°C)	565	1200	12.6	42,900	2740	.57	.71	.84	12.1	41,400	3080	.58	.72	.86	11.7	39,800	3480	.59	.73	.88	11.2	38,100	3920	.60	.75	.89
	660	1400	12.8	43,800	2740	.59	.75	.89	12.4	42,200	3090	.60	.76	.90	11.9	40,600	3490	.61	.77	.92	11.4	38,900	3930	.62	.79	.94
	755	1600	13.0	44,500	2750	.62	.78	.93	12.6	42,900	3090	.62	.80	.95	12.1	41,200	3490	.63	.82	.96	11.5	39,400	3940	.64	.84	.98
71°F (22°C)	565	1200	13.4	45,800	2760	.43	.56	.68	13.0	44,200	3110	.43	.56	.69	12.5	42,500	3500	.43	.57	.71	11.9	40,700	3940	.43	.58	.72
	660	1400	13.7	46,700	2760	.43	.58	.72	13.2	45,000	3110	.44	.59	.74	12.7	43,300	3500	.44	.60	.75	12.1	41,400	3950	.44	.61	.77
	755	1600	13.9	47,400	2770	.44	.60	.76	13.4	45,700	3110	.45	.61	.77	12.9	43,900	3510	.45	.62	.79	12.3	42,000	3960	.45	.64	.81

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-042 — COOLING CAPACITY — CR26-51

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	565	1200	11.9	40,600	2720	.72	.86	.98	11.5	39,200	3070	.73	.88	.99	11.0	37,700	3470	.75	.89	1.0	10.6	36,100	3910	.76	.91	1.0
	660	1400	12.2	41,700	2730	.76	.91	1.0	11.8	40,200	3080	.77	.92	1.0	11.3	38,600	3470	.79	.94	1.0	10.8	37,000	3910	.80	.96	1.0
	755	1600	12.5	42,600	2740	.79	.94	1.0	12.0	41,100	3090	.81	.96	1.0	11.6	39,500	3480	.82	.98	1.0	11.1	37,900	3920	.84	.99	1.0
67°F (19°C)	565	1200	12.7	43,400	2740	.57	.70	.83	12.3	41,800	3090	.57	.71	.84	11.8	40,200	3490	.58	.72	.86	11.3	38,400	3930	.59	.74	.88
	660	1400	13.0	44,300	2750	.59	.73	.87	12.5	42,700	3100	.59	.74	.89	12.0	41,000	3490	.60	.76	.91	11.5	39,200	3940	.61	.78	.93
	755	1600	13.2	45,100	2760	.61	.77	.92	12.7	43,400	3100	.61	.78	.93	12.2	41,700	3500	.62	.80	.95	11.7	39,900	3940	.64	.81	.97
71°F (22°C)	565	1200	13.6	46,300	2760	.43	.55	.67	13.1	44,700	3110	.43	.55	.68	12.6	43,000	3510	.43	.56	.70	12.0	41,100	3950	.43	.57	.71
	660	1400	13.9	47,300	2770	.43	.57	.71	13.4	45,600	3120	.43	.58	.72	12.8	43,800	3520	.44	.59	.74	12.3	41,900	3960	.44	.60	.75
	755	1600	14.1	48,100	2770	.44	.59	.74	13.6	46,300	3130	.44	.60	.76	13.0	44,400	3520	.45	.61	.77	12.5	42,500	3970	.45	.62	.79

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-042 — HEATING CAPACITY — CR26-41

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
565	1200	14.8	50,600	3135	11.8	40,400	2825	8.6	29,500	2510	6.5	22,300	2160	3.4	11,700	1540
660	1400	14.6	49,800	3310	11.6	39,600	3000	8.4	28,700	2685	6.3	21,500	2335	3.2	10,900	1715
755	1600	14.7	50,300	3095	11.8	40,100	2785	8.6	29,200	2470	6.4	22,000	2120	3.3	11,400	1500

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-042 — HEATING CAPACITY — CR26-51

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
565	1200	14.9	50,900	3170	11.9	40,600	2765	8.7	29,600	2305	6.5	22,300	2160	3.5	11,900	1530
660	1400	14.6	49,700	3365	11.5	39,400	2960	8.3	28,400	2500	6.2	21,100	2355	3.1	10,700	1725
755	1600	14.7	50,200	3155	11.7	39,900	2750	8.5	28,900	2290	6.3	21,600	2145	3.3	11,200	1515

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-042 — HEATING PERFORMANCE CR26-41 at 1400 cfm (660 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	3310	49,800	14.6
60	16	3235	47,500	13.9
55	13	3160	45,100	13.2
50	10	3090	42,800	12.5
47	8	3045	41,400	12.1
45	7	3000	39,600	11.6
40	4	2895	35,000	10.3
35	2	2790	30,400	8.9
30	-1	2740	29,600	8.7
25	-4	2685	28,700	8.4
20	-7	2630	27,900	8.2
17	-8	2595	27,400	8.0
15	-9	2565	26,500	7.8
10	-12	2495	24,100	7.1
5	-15	2335	21,500	6.3
0	-18	2180	18,800	5.5
-5	-21	2025	16,200	4.7
-10	-23	1870	13,500	4.0
-15	-26	1715	10,900	3.2
-20	-29	1560	8,200	2.4

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-042 — HEATING PERFORMANCE CR26-51 at 1400 cfm (660 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	3365	49,700	14.6
60	16	3285	47,400	13.9
55	13	3210	45,000	13.2
50	10	3130	42,600	12.5
47	8	3085	41,200	12.1
45	7	2960	39,400	11.5
40	4	2655	34,800	10.2
35	2	2350	30,200	8.9
30	-1	2425	29,300	8.6
25	-4	2500	28,400	8.3
20	-7	2575	27,500	8.1
17	-8	2620	27,000	7.9
15	-9	2585	26,100	7.6
10	-12	2510	23,700	6.9
5	-15	2355	21,100	6.2
0	-18	2195	18,500	5.4
-5	-21	2040	15,900	4.7
-10	-23	1885	13,300	3.9
-15	-26	1725	10,700	3.1
-20	-29	1570	8,100	2.4

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-042 — COOLING CAPACITY — CR26-65

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	565	1200	12.3	42,000	2740	.73	.87	.99	11.9	40,500	3090	.74	.88	1.0	11.4	38,900	3480	.75	.90	1.0	10.9	37,200	3920	.77	.92	1.0
	660	1400	12.7	43,200	2750	.77	.92	1.0	12.2	41,600	3090	.78	.94	1.0	11.7	39,900	3490	.80	.95	1.0	11.2	38,200	3930	.81	.97	1.0
	755	1600	13.0	44,200	2750	.80	.96	1.0	12.5	42,600	3100	.82	.97	1.0	12.0	40,900	3500	.83	.99	1.0	11.5	39,300	3940	.85	1.0	1.0
67°F (19°C)	565	1200	13.1	44,800	2760	.57	.71	.84	12.6	43,100	3110	.58	.72	.85	12.1	41,400	3500	.58	.73	.87	11.6	39,600	3940	.59	.74	.89
	660	1400	13.4	45,800	2760	.59	.74	.89	12.9	44,100	3110	.60	.76	.90	12.4	42,300	3510	.61	.77	.92	11.9	40,500	3960	.62	.79	.94
	755	1600	13.7	46,600	2770	.61	.78	.93	13.2	44,900	3120	.62	.80	.95	12.6	43,000	3520	.63	.81	.97	12.0	41,100	3960	.65	.83	.99
71°F (22°C)	565	1200	14.0	47,900	2780	.43	.55	.68	13.5	46,100	3130	.43	.56	.69	13.0	44,300	3530	.43	.57	.70	12.4	42,400	3970	.43	.58	.72
	660	1400	14.3	48,900	2780	.43	.58	.72	13.8	47,100	3140	.44	.58	.73	13.2	45,200	3530	.44	.60	.75	12.7	43,200	3980	.44	.61	.76
	755	1600	14.6	49,700	2790	.44	.60	.76	14.0	47,800	3140	.44	.61	.77	13.5	45,900	3540	.45	.62	.79	12.8	43,800	3990	.46	.63	.81

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-042 — COOLING CAPACITY — CH23-41

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	565	1200	11.8	40,200	2720	.74	.88	.99	11.4	38,900	3070	.75	.89	1.0	11.0	37,400	3460	.77	.91	1.0	10.5	35,900	3900	.78	.93	1.0
	660	1400	12.1	41,300	2730	.78	.93	1.0	11.7	39,900	3080	.79	.94	1.0	11.3	38,400	3470	.80	.96	1.0	10.8	36,900	3910	.82	.97	1.0
	755	1600	12.4	42,200	2740	.81	.97	1.0	12.0	40,800	3080	.83	.98	1.0	11.5	39,400	3470	.85	.99	1.0	11.1	37,900	3910	.86	1.0	1.0
67°F (19°C)	565	1200	12.5	42,700	2740	.58	.71	.85	12.1	41,200	3080	.58	.73	.86	11.6	39,600	3480	.59	.74	.88	11.1	37,900	3920	.60	.76	.90
	660	1400	12.8	43,600	2740	.60	.75	.90	12.3	42,100	3090	.61	.77	.91	11.8	40,400	3490	.62	.78	.93	11.3	38,700	3930	.63	.80	.95
	755	1600	13.0	44,300	2750	.62	.79	.94	12.5	42,700	3100	.63	.81	.95	12.0	41,100	3490	.64	.82	.97	11.5	39,300	3940	.65	.84	.99
71°F (22°C)	565	1200	13.4	45,600	2760	.43	.56	.69	12.9	44,000	3110	.43	.57	.70	12.4	42,300	3500	.43	.57	.72	11.9	40,500	3940	.44	.59	.73
	660	1400	13.6	46,400	2760	.44	.58	.73	13.1	44,800	3110	.44	.59	.75	12.6	43,000	3500	.44	.60	.76	12.1	41,200	3950	.45	.61	.78
	755	1600	13.8	47,100	2770	.45	.61	.77	13.3	45,400	3110	.45	.62	.78	12.8	43,600	3510	.45	.63	.80	12.2	41,700	3960	.46	.65	.82

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-042 — HEATING CAPACITY — CR26-65

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
565	1200	14.5	49,400	3360	11.4	38,900	3020	8.2	27,900	2620	6.0	20,500	2510	3.0	10,100	1890
660	1400	14.7	50,000	3155	11.6	39,500	2815	8.4	28,500	2415	6.2	21,100	2305	3.1	10,700	1685
755	1600	14.8	50,400	2980	11.7	39,900	2640	8.5	28,900	2240	6.3	21,500	2130	3.3	11,100	1510

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-042 — HEATING CAPACITY — CH23-41

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
565	1200	14.4	49,200	3690	11.4	38,900	3325	8.2	27,900	2950	6.0	20,600	2565	3.0	10,200	1950
660	1400	14.6	49,700	3465	11.5	39,400	3100	8.3	28,400	2725	6.2	21,100	2340	3.1	10,700	1725
755	1600	14.7	50,100	3285	11.7	39,800	2920	8.4	28,800	2545	6.3	21,500	2160	3.3	11,100	1545

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-042 — HEATING PERFORMANCE CR26-65 at 1400 cfm (660 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	3155	50,000	14.7
60	16	3095	47,600	14.0
55	13	3030	45,200	13.2
50	10	2965	42,800	12.5
47	8	2930	41,400	12.1
45	7	2815	39,500	11.6
40	4	2530	34,900	10.2
35	2	2245	30,300	8.9
30	-1	2330	29,400	8.6
25	-4	2415	28,500	8.4
20	-7	2500	27,500	8.1
17	-8	2550	27,000	7.9
15	-9	2525	26,000	7.6
10	-12	2460	23,600	6.9
5	-15	2305	21,100	6.2
0	-18	2150	18,500	5.4
-5	-21	1995	15,900	4.7
-10	-23	1840	13,300	3.9
-15	-26	1685	10,700	3.1
-20	-29	1530	8,100	2.4

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-042 — HEATING PERFORMANCE CH23-41 at 1400 cfm (660 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	3465	49,700	14.6
60	16	3375	47,400	13.9
55	13	3285	45,000	13.2
50	10	3200	42,600	12.5
47	8	3145	41,200	12.1
45	7	3100	39,400	11.5
40	4	2980	34,800	10.2
35	2	2860	30,200	8.9
30	-1	2795	29,300	8.6
25	-4	2725	28,400	8.3
20	-7	2660	27,500	8.1
17	-8	2620	27,000	7.9
15	-9	2585	26,100	7.6
10	-12	2495	23,700	6.9
5	-15	2340	21,100	6.2
0	-18	2185	18,500	5.4
-5	-21	2035	15,900	4.7
-10	-23	1880	13,300	3.9
-15	-26	1725	10,700	3.1
-20	-29	1570	8,100	2.4

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-042 — COOLING CAPACITY — CH33-42B-F - CH23-51

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	565	1200	12.0	41,000	2730	.74	.88	.99	11.6	39,600	3070	.75	.89	1.0	11.2	38,100	3470	.76	.91	1.0	10.7	36,500	3910	.78	.93	1.0
	660	1400	12.3	42,100	2740	.78	.93	1.0	11.9	40,700	3080	.79	.94	1.0	11.5	39,100	3470	.80	.96	1.0	11.0	37,500	3910	.82	.98	1.0
	755	1600	12.6	43,100	2740	.81	.97	1.0	12.2	41,600	3090	.83	.98	1.0	11.8	40,100	3480	.84	.99	1.0	11.3	38,600	3920	.86	1.0	1.0
67°F (19°C)	565	1200	12.8	43,600	2740	.58	.71	.84	12.3	42,000	3090	.58	.72	.86	11.8	40,400	3490	.59	.74	.88	11.3	38,700	3930	.60	.75	.89
	660	1400	13.0	44,500	2750	.60	.75	.90	12.6	42,900	3100	.60	.76	.91	12.1	41,200	3490	.61	.78	.93	11.6	39,500	3940	.62	.80	.95
	755	1600	13.3	45,300	2760	.62	.79	.94	12.8	43,600	3110	.63	.81	.95	12.3	41,900	3500	.64	.82	.97	11.8	40,100	3940	.65	.84	.99
71°F (22°C)	565	1200	13.6	46,500	2760	.43	.56	.69	13.2	44,900	3110	.43	.57	.70	12.6	43,100	3510	.43	.57	.71	12.1	41,300	3950	.44	.58	.73
	660	1400	13.9	47,500	2770	.44	.58	.73	13.4	45,700	3120	.44	.59	.74	12.9	43,900	3520	.44	.60	.76	12.3	42,000	3960	.45	.61	.77
	755	1600	14.1	48,200	2770	.44	.61	.77	13.6	46,400	3130	.45	.62	.78	13.0	44,500	3520	.45	.63	.80	12.5	42,600	3970	.46	.64	.82

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-042 — COOLING CAPACITY — CH33-48C-F - CH23-65

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	565	1200	12.1	41,300	2730	.73	.88	.99	11.7	39,900	3080	.75	.89	1.0	11.2	38,300	3470	.76	.91	1.0	10.8	36,700	3910	.77	.93	1.0
	660	1400	12.5	42,500	2740	.77	.92	1.0	12.0	41,000	3080	.79	.94	1.0	11.5	39,400	3470	.80	.96	1.0	11.0	37,700	3920	.82	.98	1.0
	755	1600	12.7	43,500	2740	.81	.96	1.0	12.3	42,000	3090	.82	.98	1.0	11.8	40,400	3480	.84	.99	1.0	11.4	38,800	3930	.86	1.0	1.0
67°F (19°C)	565	1200	12.9	44,000	2750	.57	.71	.84	12.4	42,400	3100	.58	.72	.86	11.9	40,700	3490	.59	.73	.87	11.4	39,000	3930	.60	.75	.90
	660	1400	13.2	45,000	2750	.60	.75	.89	12.7	43,300	3100	.60	.76	.91	12.2	41,600	3500	.61	.78	.93	11.7	39,800	3940	.62	.79	.95
	755	1600	13.4	45,800	2760	.62	.79	.94	12.9	44,100	3110	.63	.80	.95	12.4	42,300	3510	.64	.82	.97	11.8	40,400	3950	.65	.84	.99
71°F (22°C)	565	1200	13.8	47,000	2770	.43	.56	.68	13.3	45,300	3120	.43	.56	.70	12.7	43,500	3510	.43	.57	.71	12.2	41,700	3950	.44	.58	.72
	660	1400	14.1	48,000	2770	.44	.58	.73	13.5	46,200	3120	.44	.59	.74	13.0	44,400	3520	.44	.60	.75	12.4	42,400	3960	.45	.61	.77
	755	1600	14.3	48,700	2780	.45	.61	.76	13.7	46,900	3130	.45	.62	.78	13.2	45,000	3530	.45	.63	.80	12.6	43,000	3980	.46	.64	.81

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-042 — HEATING CAPACITY — CH33-42B-F - CH23-51

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
565	1200	14.4	49,300	3530	11.4	39,000	3205	8.2	28,000	2870	6.1	20,700	2515	3.0	10,200	1900
660	1400	14.6	49,900	3325	11.6	39,600	3000	8.4	28,600	2665	6.2	21,300	2310	3.2	10,800	1695
755	1600	14.8	50,400	3145	11.8	40,100	2820	8.5	29,100	2485	6.4	21,800	2130	3.3	11,300	1515

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-042 — HEATING CAPACITY — CH33-48C-F - CH23-65

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
565	1200	14.5	49,400	3385	11.5	39,100	3095	8.2	28,100	2790	6.1	20,800	2460	3.0	10,300	1860
660	1400	14.6	49,900	3180	11.6	39,600	2890	8.4	28,600	2585	6.2	21,300	2255	3.2	10,800	1655
755	1600	14.7	50,300	3010	11.7	40,000	2720	8.5	29,000	2415	6.4	21,700	2085	3.3	11,200	1485

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-042 — HEATING PERFORMANCE
CH33-42B-F - CH23-51 at 1400 cfm (660 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	3325	49,900	14.6
60	16	3245	47,600	14.0
55	13	3170	45,200	13.2
50	10	3090	42,800	12.5
47	8	3045	41,400	12.1
45	7	3000	39,600	11.6
40	4	2890	35,000	10.3
35	2	2785	30,400	8.9
30	-1	2725	29,500	8.6
25	-4	2665	28,600	8.4
20	-7	2610	27,700	8.1
17	-8	2575	27,200	8.0
15	-9	2540	26,300	7.7
10	-12	2465	23,900	7.0
5	-15	2310	21,300	6.2
0	-18	2155	18,600	5.5
-5	-21	2005	16,000	4.7
-10	-23	1850	13,400	3.9
-15	-26	1695	10,800	3.2
-20	-29	1545	8,200	2.4

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-042 — HEATING PERFORMANCE
CH33-48C-F - CH23-65 at 1400 cfm (660 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	3180	49,900	14.6
60	16	3110	47,600	14.0
55	13	3040	45,200	13.2
50	10	2970	42,800	12.5
47	8	2930	41,400	12.1
45	7	2890	39,600	11.6
40	4	2790	35,000	10.3
35	2	2690	30,400	8.9
30	-1	2635	29,500	8.6
25	-4	2585	28,600	8.4
20	-7	2535	27,700	8.1
17	-8	2505	27,200	8.0
15	-9	2475	26,300	7.7
10	-12	2405	23,900	7.0
5	-15	2255	21,300	6.2
0	-18	2105	18,600	5.5
-5	-21	1955	16,000	4.7
-10	-23	1805	13,400	3.9
-15	-26	1655	10,800	3.2
-20	-29	1505	8,200	2.4

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-048 — COOLING CAPACITY — CB30M-46

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	660	1400	13.5	45,900	3120	.73	.87	.98	13.0	44,300	3520	.74	.88	.99	12.5	42,600	3970	.76	.90	1.0	12.0	40,800	4500	.77	.92	1.0
	755	1600	13.7	46,900	3130	.76	.91	1.0	13.3	45,300	3530	.78	.92	1.0	12.8	43,600	3990	.79	.94	1.0	12.3	41,800	4510	.80	.96	1.0
	850	1800	14.0	47,800	3140	.79	.94	1.0	13.5	46,200	3540	.80	.96	1.0	13.0	44,500	3990	.82	.97	1.0	12.5	42,700	4510	.84	.99	1.0
67°F (19°C)	660	1400	14.3	48,800	3140	.57	.71	.84	13.8	47,100	3540	.58	.72	.85	13.3	45,300	4000	.58	.73	.87	12.7	43,400	4520	.59	.74	.89
	755	1600	14.6	49,700	3150	.59	.74	.88	14.1	48,000	3550	.60	.75	.89	13.5	46,100	4010	.61	.77	.91	13.0	44,200	4530	.61	.78	.93
	850	1800	14.8	50,500	3160	.61	.77	.92	14.3	48,700	3560	.62	.78	.93	13.7	46,800	4020	.63	.80	.95	13.1	44,800	4540	.64	.82	.96
71°F (22°C)	660	1400	15.3	52,200	3170	.43	.55	.68	14.8	50,400	3570	.43	.56	.69	14.2	48,400	4030	.43	.57	.70	13.6	46,400	4550	.44	.58	.72
	755	1600	15.6	53,100	3180	.43	.57	.71	15.0	51,200	3580	.44	.58	.73	14.4	49,200	4040	.44	.59	.74	13.8	47,200	4570	.44	.60	.76
	850	1800	15.8	53,800	3190	.44	.59	.75	15.2	51,900	3590	.44	.60	.76	14.6	49,800	4060	.45	.61	.78	14.0	47,700	4580	.45	.62	.79

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-048 — COOLING CAPACITY — CB29M-51

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	660	1400	13.8	47,200	3150	.73	.87	.98	13.4	45,600	3550	.74	.88	.99	12.8	43,800	4010	.75	.90	1.0	12.3	42,000	4540	.77	.92	1.0
	755	1600	14.2	48,300	3160	.76	.91	1.0	13.7	46,600	3560	.77	.92	1.0	13.2	44,900	4020	.79	.94	1.0	12.6	43,000	4550	.80	.96	1.0
	850	1800	14.4	49,200	3170	.79	.95	1.0	14.0	47,600	3570	.81	.96	1.0	13.4	45,800	4030	.82	.97	1.0	12.9	44,000	4550	.84	.99	1.0
67°F (19°C)	660	1400	14.7	50,300	3170	.57	.71	.84	14.2	48,500	3570	.58	.72	.85	13.7	46,600	4040	.59	.73	.87	13.1	44,700	4560	.59	.74	.89
	755	1600	15.0	51,200	3180	.59	.74	.88	14.5	49,400	3580	.60	.75	.89	13.9	47,500	4050	.61	.76	.91	13.3	45,400	4580	.61	.78	.93
	850	1800	15.2	52,000	3190	.61	.77	.92	14.7	50,100	3590	.61	.78	.93	14.1	48,100	4060	.62	.80	.95	13.5	46,100	4580	.64	.82	.97
71°F (22°C)	660	1400	15.7	53,700	3200	.43	.55	.68	15.2	51,800	3610	.43	.56	.69	14.6	49,800	4070	.43	.57	.70	14.0	47,800	4600	.44	.58	.72
	755	1600	16.0	54,600	3210	.43	.57	.71	15.4	52,700	3620	.44	.58	.73	14.9	50,700	4080	.44	.59	.74	14.2	48,500	4610	.44	.60	.76
	850	1800	16.2	55,400	3220	.44	.59	.75	15.6	53,400	3630	.44	.60	.76	15.0	51,300	4090	.45	.61	.78	14.4	49,100	4620	.45	.62	.79

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-048 — HEATING CAPACITY — CB30M-46

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
660	1400	16.2	55,400	3875	12.8	43,800	3545	9.3	31,700	3205	6.7	22,900	2800	3.3	11,400	2090
755	1600	16.4	55,900	3735	13.0	44,300	3405	9.4	32,200	3065	6.9	23,400	2660	3.5	11,900	1950
850	1800	16.5	56,300	3620	13.1	44,700	3290	9.6	32,600	2950	7.0	23,800	2545	3.6	12,300	1835

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-048 — HEATING CAPACITY — CB29M-51

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
660	1400	16.7	57,000	3835	13.3	45,500	3515	9.8	33,500	3190	7.2	24,700	2790	3.8	12,800	2060
755	1600	16.5	56,400	3770	13.2	44,900	3450	9.6	32,900	3125	7.1	24,100	2725	3.6	12,200	1995
850	1800	16.4	55,900	3750	13.0	44,400	3430	9.5	32,400	3105	6.9	23,600	2705	3.4	11,700	1975

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-048 — HEATING PERFORMANCE
CB30M-46 at 1600 cfm (755 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	3735	55,900	16.4
60	16	3655	53,200	15.6
55	13	3575	50,500	14.8
50	10	3490	47,800	14.0
47	8	3445	46,200	13.5
45	7	3405	44,300	13.0
40	4	3305	39,600	11.6
35	2	3205	35,000	10.3
30	-1	3135	33,600	9.8
25	-4	3065	32,200	9.4
20	-7	2995	30,800	9.0
17	-8	2955	30,000	8.8
15	-9	2920	28,900	8.5
10	-12	2840	26,200	7.7
5	-15	2660	23,400	6.9
0	-18	2485	20,500	6.0
-5	-21	2305	17,600	5.2
-10	-23	2130	14,700	4.3
-15	-26	1950	11,900	3.5
-20	-29	1770	9,000	2.6

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-048 — HEATING PERFORMANCE
CB29M-51 at 1600 cfm (755 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	3770	56,400	16.5
60	16	3690	53,700	15.7
55	13	3615	51,100	15.0
50	10	3535	48,400	14.2
47	8	3490	46,800	13.7
45	7	3450	44,900	13.2
40	4	3355	40,200	11.8
35	2	3255	35,600	10.4
30	-1	3190	34,200	10.0
25	-4	3125	32,900	9.6
20	-7	3060	31,600	9.3
17	-8	3020	30,800	9.0
15	-9	2990	29,700	8.7
10	-12	2910	27,100	7.9
5	-15	2725	24,100	7.1
0	-18	2545	21,100	6.2
-5	-21	2360	18,200	5.3
-10	-23	2180	15,200	4.5
-15	-26	1995	12,200	3.6
-20	-29	1810	9,200	2.7

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-048 — COOLING CAPACITY — CB29M-65

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	660	1400	13.9	47,300	3140	.73	.87	.98	13.4	45,700	3540	.74	.88	.99	12.9	43,900	4000	.76	.90	1.0	12.3	42,100	4530	.77	.92	1.0
	755	1600	14.2	48,400	3150	.76	.91	1.0	13.7	46,700	3560	.78	.93	1.0	13.2	44,900	4020	.79	.94	1.0	12.6	43,100	4540	.81	.96	1.0
	850	1800	14.4	49,300	3160	.79	.95	1.0	14.0	47,600	3560	.81	.96	1.0	13.5	45,900	4020	.82	.97	1.0	12.9	44,100	4550	.84	.99	1.0
67°F (19°C)	660	1400	14.8	50,400	3170	.57	.71	.84	14.2	48,600	3570	.58	.72	.85	13.7	46,700	4030	.58	.73	.87	13.1	44,800	4550	.59	.74	.89
	755	1600	15.0	51,300	3170	.59	.74	.88	14.5	49,500	3580	.60	.75	.89	14.0	47,600	4040	.60	.76	.91	13.3	45,500	4570	.62	.78	.93
	850	1800	15.3	52,100	3180	.61	.77	.92	14.7	50,200	3590	.62	.78	.93	14.1	48,200	4050	.62	.80	.95	13.5	46,200	4570	.64	.82	.97
71°F (22°C)	660	1400	15.8	53,800	3200	.43	.55	.68	15.2	51,900	3600	.43	.56	.69	14.6	49,900	4060	.43	.57	.71	14.0	47,900	4590	.43	.58	.72
	755	1600	16.0	54,700	3210	.43	.57	.71	15.5	52,800	3610	.44	.58	.73	14.9	50,800	4070	.44	.59	.74	14.2	48,600	4600	.44	.60	.76
	850	1800	16.3	55,500	3220	.44	.59	.74	15.7	53,500	3620	.44	.60	.76	15.1	51,400	4090	.45	.61	.78	14.4	49,200	4610	.45	.62	.79

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-048 — COOLING CAPACITY — CB31MV-51

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	660	1400	13.7	46,800	3140	.73	.87	.98	13.2	45,100	3540	.74	.88	.99	12.7	43,400	3990	.75	.90	1.0	12.2	41,500	4520	.77	.92	1.0
	755	1600	14.0	47,900	3150	.76	.91	1.0	13.5	46,200	3550	.77	.92	1.0	13.0	44,400	4010	.79	.94	1.0	12.5	42,500	4530	.80	.96	1.0
	850	1800	14.3	48,900	3160	.79	.94	1.0	13.8	47,200	3560	.80	.96	1.0	13.3	45,400	4020	.82	.98	1.0	12.7	43,500	4540	.84	.99	1.0
67°F (19°C)	660	1400	14.7	50,000	3170	.57	.70	.83	14.1	48,200	3570	.57	.71	.85	13.5	46,200	4030	.58	.73	.87	13.0	44,300	4540	.59	.74	.88
	755	1600	14.9	51,000	3180	.59	.73	.88	14.4	49,100	3580	.59	.75	.89	13.8	47,100	4040	.60	.76	.91	13.2	45,100	4560	.61	.78	.93
	850	1800	15.2	51,800	3190	.60	.76	.91	14.6	49,900	3590	.61	.78	.93	14.0	47,900	4050	.62	.80	.95	13.4	45,800	4570	.63	.81	.97
71°F (22°C)	660	1400	15.7	53,500	3210	.43	.55	.67	15.1	51,500	3610	.43	.56	.69	14.5	49,500	4080	.43	.57	.70	13.9	47,400	4590	.43	.58	.72
	755	1600	15.9	54,400	3220	.43	.57	.71	15.4	52,500	3630	.43	.58	.72	14.8	50,400	4080	.44	.59	.74	14.1	48,200	4600	.44	.60	.75
	850	1800	16.2	55,300	3230	.44	.59	.74	15.6	53,200	3640	.44	.60	.76	15.0	51,100	4090	.45	.61	.77	14.3	48,800	4620	.45	.62	.79

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-048 — HEATING CAPACITY — CB29M-65

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
660	1400	16.2	55,200	3895	12.8	43,800	3570	9.4	32,000	3240	6.8	23,300	2840	3.4	11,600	2120
755	1600	16.3	55,700	3740	13.0	44,300	3415	9.5	32,500	3085	7.0	23,800	2685	3.5	12,100	1965
850	1800	16.5	56,200	3630	13.1	44,800	3305	9.7	33,000	2975	7.1	24,300	2575	3.7	12,600	1855

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-048 — HEATING CAPACITY — CB31MV-51

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
660	1400	16.1	54,800	3740	12.7	43,300	3450	9.2	31,400	3160	6.6	22,600	2790	3.3	11,300	2075
755	1600	16.2	55,200	3605	12.8	43,700	3315	9.3	31,800	3025	6.7	23,000	2655	3.4	11,700	1940
850	1800	16.3	55,500	3490	12.9	44,000	3200	9.4	32,100	2910	6.8	23,300	2540	3.5	12,000	1825

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-048 — HEATING PERFORMANCE
CB29M-65 at 1600 cfm (755 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	3740	55,700	16.3
60	16	3665	53,000	15.5
55	13	3585	50,400	14.8
50	10	3505	47,800	14.0
47	8	3455	46,200	13.5
45	7	3415	44,300	13.0
40	4	3320	39,700	11.6
35	2	3220	35,100	10.3
30	-1	3155	33,800	9.9
25	-4	3085	32,500	9.5
20	-7	3015	31,200	9.1
17	-8	2975	30,400	8.9
15	-9	2945	29,300	8.6
10	-12	2865	26,700	7.8
5	-15	2685	23,800	7.0
0	-18	2505	20,800	6.1
-5	-21	2325	17,900	5.2
-10	-23	2145	15,000	4.4
-15	-26	1965	12,100	3.5
-20	-29	1785	9,100	2.7

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-048 — HEATING PERFORMANCE
CB31MV-51 at 1600 cfm (755 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	3605	55,200	16.2
60	16	3535	52,500	15.4
55	13	3465	49,900	14.6
50	10	3395	47,200	13.8
47	8	3350	45,600	13.4
45	7	3315	43,700	12.8
40	4	3230	39,100	11.5
35	2	3145	34,500	10.1
30	-1	3085	33,100	9.7
25	-4	3025	31,800	9.3
20	-7	2965	30,400	8.9
17	-8	2930	29,600	8.7
15	-9	2905	28,500	8.4
10	-12	2835	25,900	7.6
5	-15	2655	23,000	6.7
0	-18	2475	20,200	5.9
-5	-21	2295	17,400	5.1
-10	-23	2115	14,500	4.2
-15	-26	1940	11,700	3.4
-20	-29	1760	8,900	2.6

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-048 — COOLING CAPACITY — CB30M-51 — CB30U-51

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	660	1400	14.0	47,700	3140	.73	.87	.98	13.5	46,000	3540	.74	.88	.99	13.0	44,200	3990	.75	.90	1.0	12.4	42,300	4520	.77	.92	1.0
	755	1600	14.3	48,900	3150	.76	.91	1.0	13.8	47,100	3550	.77	.92	1.0	13.3	45,300	4010	.79	.94	1.0	12.7	43,400	4530	.80	.96	1.0
	850	1800	14.6	49,900	3160	.79	.94	1.0	14.1	48,100	3560	.80	.96	1.0	13.5	46,200	4020	.82	.98	1.0	13.0	44,400	4540	.84	.99	1.0
67°F (19°C)	660	1400	14.9	50,900	3170	.57	.70	.83	14.4	49,100	3570	.57	.71	.85	13.8	47,100	4030	.58	.73	.86	13.2	45,100	4540	.59	.74	.88
	755	1600	15.2	51,900	3180	.59	.73	.88	14.7	50,100	3580	.59	.75	.89	14.1	48,100	4040	.60	.76	.91	13.5	46,000	4560	.61	.78	.93
	850	1800	15.5	52,800	3190	.60	.77	.91	14.9	50,800	3590	.61	.78	.93	14.3	48,800	4050	.62	.80	.95	13.7	46,700	4570	.64	.81	.97
71°F (22°C)	660	1400	16.0	54,500	3210	.43	.55	.68	15.4	52,500	3610	.43	.56	.69	14.8	50,500	4080	.43	.56	.70	14.2	48,300	4590	.43	.58	.72
	755	1600	16.3	55,500	3220	.43	.57	.71	15.7	53,500	3630	.44	.58	.72	15.1	51,400	4080	.44	.59	.74	14.4	49,200	4600	.44	.60	.75
	850	1800	16.5	56,300	3230	.44	.59	.74	15.9	54,300	3640	.44	.60	.76	15.3	52,100	4090	.45	.61	.77	14.6	49,800	4620	.45	.62	.79

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-048 — COOLING CAPACITY — CB31MV-65

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	660	1400	14.1	48,100	3140	.73	.87	.98	13.6	46,400	3540	.74	.88	1.0	13.1	44,600	3990	.75	.90	1.0	12.5	42,700	4520	.77	.92	1.0
	755	1600	14.4	49,200	3150	.76	.91	1.0	13.9	47,500	3550	.77	.92	1.0	13.4	45,600	4010	.79	.94	1.0	12.8	43,700	4530	.80	.96	1.0
	850	1800	14.7	50,200	3160	.79	.94	1.0	14.2	48,500	3560	.80	.96	1.0	13.7	46,600	4020	.82	.98	1.0	13.1	44,700	4540	.84	.99	1.0
67°F (19°C)	660	1400	15.0	51,300	3170	.57	.70	.83	14.5	49,400	3570	.57	.71	.85	13.9	47,500	4030	.58	.73	.86	13.3	45,500	4540	.59	.74	.88
	755	1600	15.3	52,300	3180	.59	.73	.87	14.8	50,400	3580	.60	.75	.89	14.2	48,400	4040	.60	.76	.91	13.6	46,300	4560	.61	.78	.93
	850	1800	15.6	53,200	3190	.61	.77	.91	15.0	51,200	3590	.61	.78	.93	14.4	49,100	4050	.62	.80	.95	13.8	47,000	4570	.64	.81	.97
71°F (22°C)	660	1400	16.1	54,900	3210	.43	.55	.68	15.5	52,900	3610	.43	.56	.69	14.9	50,800	4080	.43	.57	.70	14.3	48,700	4590	.43	.57	.71
	755	1600	16.4	55,900	3220	.43	.57	.71	15.8	53,900	3630	.44	.58	.72	15.2	51,800	4080	.44	.59	.74	14.5	49,500	4600	.44	.60	.75
	850	1800	16.6	56,700	3230	.44	.59	.74	16.0	54,700	3640	.44	.60	.76	15.4	52,500	4090	.45	.61	.77	14.7	50,200	4620	.45	.62	.79

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-048 — HEATING CAPACITY — CB30M-51 — CB30U-51

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
660	1400	16.1	55,100	3695	12.8	43,600	3425	9.3	31,700	3155	6.7	22,900	2800	3.3	11,400	2075
755	1600	16.3	55,600	3560	12.9	44,100	3290	9.4	32,200	3020	6.9	23,400	2665	3.5	11,900	1940
850	1800	16.4	56,000	3445	13.0	44,500	3175	9.6	32,600	2905	7.0	23,800	2550	3.6	12,300	1825

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-048 — HEATING CAPACITY — CB31MV-65

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil															
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
660	1400	16.0	54,600	3730	12.7	43,200	3440	9.1	31,200	3145	6.6	22,500	2770	3.3	11,200	2060
755	1600	16.1	55,000	3590	12.8	43,600	3300	9.3	31,600	3005	6.7	22,900	2630	3.4	11,600	1920
850	1800	16.2	55,400	3480	12.9	44,000	3190	9.4	32,000	2895	6.8	23,300	2520	3.5	12,000	1810

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-048 — HEATING PERFORMANCE CB30M-51/CB30U-51 at 1600 cfm (755 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	3560	55,600	16.3
60	16	3495	52,900	15.5
55	13	3430	50,300	14.7
50	10	3365	47,600	14.0
47	8	3325	46,000	13.5
45	7	3290	44,100	12.9
40	4	3210	39,500	11.6
35	2	3130	34,800	10.2
30	-1	3075	33,500	9.8
25	-4	3020	32,200	9.4
20	-7	2965	30,800	9.0
17	-8	2935	30,000	8.8
15	-9	2910	28,900	8.5
10	-12	2845	26,300	7.7
5	-15	2665	23,400	6.9
0	-18	2485	20,500	6.0
-5	-21	2305	17,600	5.2
-10	-23	2120	14,800	4.3
-15	-26	1940	11,900	3.5
-20	-29	1760	9,000	2.6

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-048 — HEATING PERFORMANCE CB31MV-65 at 1600 cfm (755 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	3590	55,000	16.1
60	16	3520	52,300	15.3
55	13	3450	49,700	14.6
50	10	3375	47,000	13.8
47	8	3335	45,400	13.3
45	7	3300	43,600	12.8
40	4	3210	38,900	11.4
35	2	3125	34,300	10.1
30	-1	3065	33,000	9.7
25	-4	3005	31,600	9.3
20	-7	2945	30,200	8.9
17	-8	2905	29,400	8.6
15	-9	2880	28,300	8.3
10	-12	2805	25,700	7.5
5	-15	2630	22,900	6.7
0	-18	2455	20,100	5.9
-5	-21	2275	17,200	5.0
-10	-23	2100	14,400	4.2
-15	-26	1920	11,600	3.4
-20	-29	1745	8,800	2.6

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-048 — COOLING CAPACITY — CB30M-65 — CB30U-65

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb	
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	660	1400	14.2	48,600	3160	.73	.87	.98	13.7	46,900	3560	.74	.88	.99	13.2	45,100	4010	.75	.90	1.0	12.7	43,200	4540	.77	.92	1.0
	755	1600	14.6	49,800	3170	.76	.91	1.0	14.1	48,000	3570	.77	.92	1.0	13.5	46,100	4020	.79	.94	1.0	13.0	44,200	4550	.80	.96	1.0
	850	1800	14.9	50,800	3170	.79	.94	1.0	14.4	49,000	3570	.80	.96	1.0	13.8	47,100	4040	.82	.98	1.0	13.2	45,200	4560	.84	.99	1.0
67°F (19°C)	660	1400	15.2	51,900	3180	.57	.70	.83	14.7	50,000	3590	.58	.71	.85	14.1	48,000	4050	.58	.73	.87	13.5	46,000	4560	.59	.74	.89
	755	1600	15.5	52,900	3200	.59	.74	.87	14.9	51,000	3600	.59	.75	.89	14.4	49,000	4060	.60	.76	.91	13.7	46,900	4580	.61	.78	.93
	850	1800	15.8	53,800	3200	.60	.77	.91	15.2	51,800	3610	.61	.78	.93	14.6	49,700	4070	.62	.80	.95	13.9	47,500	4600	.63	.81	.97
71°F (22°C)	660	1400	16.3	55,500	3220	.43	.55	.68	15.7	53,500	3630	.43	.56	.69	15.1	51,400	4100	.43	.57	.70	14.4	49,300	4610	.43	.57	.71
	755	1600	16.6	56,600	3230	.43	.57	.71	16.0	54,500	3640	.43	.58	.72	15.3	52,300	4100	.44	.59	.74	14.7	50,100	4620	.44	.60	.75
	850	1800	16.8	57,400	3240	.44	.59	.74	16.2	55,300	3650	.44	.60	.76	15.6	53,100	4110	.45	.61	.77	14.9	50,700	4640	.45	.62	.79

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-048 — COOLING CAPACITY — CVP10-46/EC10Q4

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb	
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	660	1400	13.3	45,500	3110	.73	.87	.98	12.9	44,000	3510	.74	.88	.99	12.4	42,300	3970	.75	.90	1.0	11.9	40,600	4500	.77	.92	1.0
	755	1600	13.7	46,600	3120	.76	.91	1.0	13.2	45,000	3520	.77	.92	1.0	12.7	43,300	3980	.79	.94	1.0	12.2	41,600	4500	.80	.96	1.0
	850	1800	13.9	47,500	3130	.79	.95	1.0	13.5	45,900	3530	.81	.96	1.0	13.0	44,200	3990	.82	.97	1.0	12.5	42,500	4510	.84	.99	1.0
67°F (19°C)	660	1400	14.2	48,500	3140	.57	.71	.84	13.7	46,800	3530	.58	.72	.85	13.2	45,000	3990	.58	.73	.87	12.6	43,100	4510	.59	.74	.88
	755	1600	14.5	49,400	3140	.59	.74	.88	14.0	47,700	3540	.60	.75	.89	13.4	45,800	4000	.60	.76	.91	12.9	43,900	4520	.61	.78	.93
	850	1800	14.7	50,100	3150	.61	.77	.92	14.2	48,400	3550	.61	.78	.93	13.6	46,500	4010	.63	.80	.95	13.0	44,500	4530	.64	.82	.96
71°F (22°C)	660	1400	15.2	51,800	3170	.43	.55	.68	14.7	50,000	3570	.43	.56	.69	14.1	48,100	4020	.43	.57	.70	13.5	46,100	4540	.43	.58	.72
	755	1600	15.4	52,700	3170	.43	.57	.71	14.9	50,800	3580	.44	.58	.73	14.3	48,900	4030	.44	.59	.74	13.7	46,900	4550	.44	.60	.76
	850	1800	15.6	53,400	3180	.44	.59	.75	15.1	51,500	3580	.44	.60	.76	14.5	49,500	4040	.45	.61	.78	13.9	47,400	4570	.45	.62	.79

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-048 — HEATING CAPACITY — CB30M-65 — CB30U-65

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
660	1400	16.2	55,400	3740	12.8	43,800	3460	9.3	31,700	3175	6.7	22,900	2810	3.3	11,400	2090
755	1600	16.4	55,900	3595	13.0	44,300	3315	9.4	32,200	3030	6.9	23,400	2665	3.5	11,900	1945
850	1800	16.5	56,300	3485	13.1	44,700	3205	9.6	32,600	2920	7.0	23,800	2555	3.6	12,300	1835

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-048 — HEATING CAPACITY — CVP10-46/EC10Q4

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
660	1400	15.9	54,300	3915	12.6	43,100	3545	9.2	31,400	3175	6.7	22,700	2745	3.3	11,100	2030
755	1600	16.2	55,200	3855	12.9	44,000	3485	9.5	32,300	3115	6.9	23,600	2685	3.5	12,000	1970
850	1800	16.2	55,200	3660	12.9	44,000	3290	9.5	32,300	2920	6.9	23,600	2490	3.5	12,000	1775

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-048 — HEATING PERFORMANCE
CB30M-65/CB30U-65 at 1600 cfm (755 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	3595	55,900	16.4
60	16	3525	53,200	15.6
55	13	3455	50,500	14.8
50	10	3390	47,800	14.0
47	8	3350	46,200	13.5
45	7	3315	44,300	13.0
40	4	3230	39,600	11.6
35	2	3145	35,000	10.3
30	-1	3085	33,600	9.8
25	-4	3030	32,200	9.4
20	-7	2975	30,800	9.0
17	-8	2940	30,000	8.8
15	-9	2915	28,900	8.5
10	-12	2845	26,200	7.7
5	-15	2665	23,400	6.9
0	-18	2485	20,500	6.0
-5	-21	2305	17,600	5.2
-10	-23	2125	14,700	4.3
-15	-26	1945	11,900	3.5
-20	-29	1765	9,000	2.6

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-048 — HEATING PERFORMANCE
CVP10-46/EC10Q4 at 1600 cfm (755 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	3855	55,200	16.2
60	16	3765	52,600	15.4
55	13	3675	50,000	14.7
50	10	3585	47,400	13.9
47	8	3530	45,800	13.4
45	7	3485	44,000	12.9
40	4	3380	39,400	11.5
35	2	3270	34,800	10.2
30	-1	3190	33,500	9.8
25	-4	3115	32,300	9.5
20	-7	3035	31,000	9.1
17	-8	2990	30,200	8.9
15	-9	2955	29,200	8.6
10	-12	2865	26,600	7.8
5	-15	2685	23,600	6.9
0	-18	2505	20,700	6.1
-5	-21	2330	17,800	5.2
-10	-23	2150	14,900	4.4
-15	-26	1970	12,000	3.5
-20	-29	1795	9,100	2.7

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-048 — COOLING CAPACITY — CVP10-51/EC10Q4

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	660	1400	13.4	45,800	3100	.73	.87	.98	13.0	44,200	3500	.74	.88	.99	12.5	42,500	3950	.75	.90	1.0	11.9	40,700	4460	.77	.92	1.0
	755	1600	13.7	46,900	3110	.76	.91	1.0	13.3	45,300	3510	.77	.92	1.0	12.8	43,600	3950	.78	.94	1.0	12.2	41,700	4470	.80	.96	1.0
	850	1800	14.0	47,900	3120	.79	.94	1.0	13.5	46,200	3510	.80	.96	1.0	13.0	44,500	3960	.82	.97	1.0	12.5	42,700	4480	.84	.99	1.0
67°F (19°C)	660	1400	14.3	48,900	3120	.57	.70	.83	13.8	47,200	3520	.57	.71	.85	13.3	45,300	3980	.58	.72	.86	12.7	43,400	4490	.59	.74	.88
	755	1600	14.6	49,900	3130	.59	.73	.87	14.1	48,100	3540	.59	.74	.89	13.5	46,200	3990	.60	.76	.91	13.0	44,200	4500	.61	.78	.93
	850	1800	14.9	50,700	3150	.60	.76	.91	14.3	48,800	3540	.61	.78	.93	13.7	46,900	4000	.62	.80	.95	13.2	44,900	4510	.63	.81	.96
71°F (22°C)	660	1400	15.3	52,300	3160	.43	.55	.67	14.8	50,400	3560	.43	.56	.69	14.2	48,500	4020	.43	.56	.70	13.6	46,400	4530	.43	.57	.71
	755	1600	15.6	53,300	3170	.43	.57	.71	15.0	51,300	3570	.43	.58	.72	14.4	49,300	4030	.44	.59	.74	13.9	47,300	4540	.44	.60	.75
	850	1800	15.8	54,000	3180	.44	.59	.74	15.3	52,100	3580	.44	.60	.75	14.7	50,000	4040	.45	.61	.77	14.0	47,900	4550	.45	.62	.79

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-048 — COOLING CAPACITY —C33-50C - C26-51/65

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	660	1400	14.0	47,900	3130	.73	.87	.99	13.5	46,200	3540	.74	.89	1.0	13.0	44,400	3990	.76	.91	1.0	12.5	42,600	4510	.77	.92	1.0
	755	1600	14.4	49,100	3150	.76	.91	1.0	13.9	47,400	3540	.78	.93	1.0	13.3	45,500	4000	.79	.95	1.0	12.8	43,700	4520	.81	.96	1.0
	850	1800	14.7	50,100	3150	.79	.95	1.0	14.2	48,400	3550	.81	.96	1.0	13.6	46,500	4010	.83	.98	1.0	13.1	44,700	4530	.84	.99	1.0
67°F (19°C)	660	1400	15.0	51,100	3160	.57	.71	.84	14.4	49,200	3570	.58	.72	.85	13.9	47,300	4020	.59	.73	.87	13.3	45,300	4540	.60	.75	.89
	755	1600	15.3	52,100	3180	.59	.74	.88	14.7	50,200	3580	.60	.75	.90	14.1	48,200	4030	.61	.77	.92	13.5	46,100	4550	.62	.79	.94
	850	1800	15.5	52,900	3180	.61	.77	.92	14.9	51,000	3580	.62	.79	.94	14.3	48,900	4040	.63	.80	.96	13.7	46,800	4560	.64	.82	.97
71°F (22°C)	660	1400	16.0	54,600	3200	.43	.55	.68	15.4	52,600	3600	.43	.56	.69	14.8	50,600	4070	.43	.57	.71	14.2	48,400	4590	.44	.58	.72
	755	1600	16.3	55,600	3210	.43	.57	.72	15.7	53,600	3620	.44	.58	.73	15.1	51,500	4080	.44	.59	.74	14.4	49,300	4590	.44	.60	.76
	850	1800	16.5	56,400	3220	.44	.60	.75	15.9	54,300	3630	.44	.61	.76	15.3	52,200	4090	.45	.61	.78	14.6	49,900	4600	.45	.63	.80

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-048 — HEATING CAPACITY — CVP10-51/EC10Q4

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
660	1400	15.9	54,300	3855	12.6	43,100	3545	9.2	31,400	3235	6.7	22,700	2840	3.3	11,100	2090
755	1600	16.2	55,200	3800	12.9	44,000	3490	9.5	32,300	3180	6.9	23,600	2785	3.5	12,000	2035
850	1800	16.2	55,300	3615	12.9	44,100	3305	9.5	32,400	2995	6.9	23,700	2600	3.5	12,100	1850

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-048 — HEATING CAPACITY — C33-50C - C26-51/65

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
660	1400	16.0	54,700	3840	12.7	43,500	3580	9.3	31,800	3315	6.8	23,100	2955	3.4	11,500	2190
755	1600	16.2	55,200	3685	12.9	44,000	3425	9.5	32,300	3160	6.9	23,600	2800	3.5	12,000	2035
850	1800	16.3	55,700	3550	13.0	44,500	3290	9.6	32,800	3025	7.1	24,100	2665	3.7	12,500	1900

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-048 — HEATING PERFORMANCE CVP10-51/EC10Q4 at 1600 cfm (755 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	3800	55,200	16.2
60	16	3725	52,600	15.4
55	13	3650	50,000	14.7
50	10	3575	47,400	13.9
47	8	3530	45,800	13.4
45	7	3490	44,000	12.9
40	4	3400	39,400	11.5
35	2	3305	34,800	10.2
30	-1	3245	33,500	9.8
25	-4	3180	32,300	9.5
20	-7	3115	31,000	9.1
17	-8	3080	30,200	8.9
15	-9	3050	29,200	8.6
10	-12	2975	26,600	7.8
5	-15	2785	23,600	6.9
0	-18	2595	20,700	6.1
-5	-21	2410	17,800	5.2
-10	-23	2220	14,900	4.4
-15	-26	2035	12,000	3.5
-20	-29	1845	9,100	2.7

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-048 — HEATING PERFORMANCE C33-50C - C26-51/65 at 1600 cfm (755 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	3685	55,200	16.2
60	16	3620	52,600	15.4
55	13	3555	50,000	14.7
50	10	3495	47,400	13.9
47	8	3455	45,800	13.4
45	7	3425	44,000	12.9
40	4	3345	39,400	11.5
35	2	3260	34,800	10.2
30	-1	3210	33,500	9.8
25	-4	3160	32,300	9.5
20	-7	3110	31,000	9.1
17	-8	3080	30,200	8.9
15	-9	3055	29,200	8.6
10	-12	2990	26,600	7.8
5	-15	2800	23,600	6.9
0	-18	2610	20,700	6.1
-5	-21	2420	17,800	5.2
-10	-23	2230	14,900	4.4
-15	-26	2035	12,000	3.5
-20	-29	1845	9,100	2.7

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-048 — COOLING CAPACITY — C33-62D - C26-65EAP

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	660	1400	14.4	49,100	3160	.73	.87	.98	13.9	47,300	3560	.74	.88	1.0	13.3	45,500	4020	.75	.90	1.0	12.8	43,600	4540	.77	.92	1.0
	755	1600	14.7	50,300	3170	.76	.91	1.0	14.2	48,500	3570	.77	.92	1.0	13.7	46,600	4030	.79	.94	1.0	13.1	44,600	4560	.80	.96	1.0
	850	1800	15.0	51,300	3180	.79	.95	1.0	14.5	49,500	3580	.80	.96	1.0	14.0	47,600	4050	.82	.98	1.0	13.4	45,600	4570	.84	.99	1.0
67°F (19°C)	660	1400	15.4	52,400	3190	.57	.70	.83	14.8	50,500	3600	.58	.71	.85	14.2	48,500	4060	.58	.73	.86	13.6	46,400	4580	.59	.74	.88
	755	1600	15.7	53,500	3200	.59	.73	.88	15.1	51,600	3600	.59	.75	.89	14.5	49,500	4070	.60	.76	.91	13.9	47,300	4590	.61	.78	.93
	850	1800	15.9	54,400	3210	.60	.76	.91	15.4	52,400	3620	.61	.78	.93	14.7	50,200	4080	.62	.80	.95	14.1	48,000	4600	.63	.81	.97
71°F (22°C)	660	1400	16.4	56,100	3230	.43	.55	.68	15.9	54,100	3640	.43	.56	.69	15.2	52,000	4100	.43	.57	.70	14.6	49,800	4620	.43	.57	.72
	755	1600	16.8	57,200	3240	.43	.57	.71	16.1	55,100	3650	.44	.58	.72	15.5	52,900	4110	.44	.59	.74	14.8	50,600	4630	.44	.60	.75
	850	1800	17.0	58,000	3250	.44	.59	.74	16.4	55,900	3660	.44	.60	.76	15.7	53,700	4120	.45	.61	.77	15.0	51,300	4640	.45	.62	.79

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-048 — COOLING CAPACITY — CR26-51

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	660	1400	13.7	46,900	3130	.72	.86	.97	13.3	45,300	3530	.73	.87	.98	12.8	43,600	3990	.74	.89	1.0	12.3	41,800	4520	.76	.91	1.0
	755	1600	14.1	48,000	3140	.75	.90	1.0	13.6	46,300	3540	.76	.91	1.0	13.1	44,600	4000	.77	.93	1.0	12.5	42,800	4530	.79	.95	1.0
	850	1800	14.3	48,900	3150	.78	.93	1.0	13.8	47,200	3550	.79	.94	1.0	13.3	45,500	4010	.81	.96	1.0	12.8	43,600	4530	.82	.98	1.0
67°F (19°C)	660	1400	14.7	50,100	3160	.57	.70	.82	14.2	48,400	3560	.57	.71	.84	13.6	46,500	4020	.58	.72	.86	13.1	44,600	4540	.59	.73	.87
	755	1600	15.0	51,100	3170	.58	.72	.87	14.4	49,300	3560	.59	.74	.88	13.9	47,400	4030	.60	.75	.90	13.3	45,300	4550	.61	.77	.91
	850	1800	15.2	51,800	3170	.60	.75	.90	14.7	50,000	3570	.61	.77	.92	14.1	48,000	4040	.61	.78	.93	13.5	46,000	4560	.62	.80	.95
71°F (22°C)	660	1400	15.7	53,600	3190	.43	.55	.67	15.2	51,700	3590	.43	.56	.68	14.6	49,800	4050	.43	.56	.69	14.0	47,700	4570	.43	.57	.71
	755	1600	16.0	54,500	3200	.43	.57	.70	15.4	52,600	3600	.43	.57	.71	14.8	50,600	4060	.43	.58	.73	14.2	48,500	4590	.44	.59	.74
	850	1800	16.2	55,300	3210	.44	.58	.73	15.6	53,400	3610	.44	.59	.74	15.0	51,300	4070	.44	.60	.76	14.4	49,100	4600	.45	.61	.78

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-048 — HEATING CAPACITY — C33-62D - C26-65EAP

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil									
		65°F (18°C)		45°F (7°C)		25°F (-4°C)		5°F (-15°C)		-15°F (-28°C)	
		Total Heating Capacity	Comp. Motor Watts Input	Total Heating Capacity	Comp. Motor Watts Input	Total Heating Capacity	Comp. Motor Watts Input	Total Heating Capacity	Comp. Motor Watts Input	Total Heating Capacity	Comp. Motor Watts Input
L/s	cfm	kW Btuh		kW Btuh		kW Btuh		kW Btuh		kW Btuh	
660	1400	16.1 55,100	3705	12.8 43,600	3450	9.3 31,700	3190	6.7 22,900	2840	3.3 11,400	2105
755	1600	16.3 55,600	3560	12.9 44,100	3305	9.4 32,200	3045	6.9 23,400	2695	3.5 11,900	1960
850	1800	16.4 56,000	3445	13.0 44,500	3190	9.6 32,600	2930	7.0 23,800	2580	3.6 12,300	1845

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-048 — HEATING CAPACITY — CR26-51

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil									
		65°F (18°C)		45°F (7°C)		25°F (-4°C)		5°F (-15°C)		-15°F (-28°C)	
		Total Heating Capacity	Comp. Motor Watts Input	Total Heating Capacity	Comp. Motor Watts Input	Total Heating Capacity	Comp. Motor Watts Input	Total Heating Capacity	Comp. Motor Watts Input	Total Heating Capacity	Comp. Motor Watts Input
L/s	cfm	kW Btuh		kW Btuh		kW Btuh		kW Btuh		kW Btuh	
660	1400	16.1 54,800	4005	12.8 43,600	3635	9.3 31,900	3265	6.8 23,200	2835	3.4 11,600	2120
755	1600	16.2 55,200	3855	12.9 44,000	3485	9.5 32,300	3115	6.9 23,600	2685	3.5 12,000	1970
850	1800	16.3 55,700	3745	13.0 44,500	3375	9.6 32,800	3005	7.1 24,100	2575	3.7 12,500	1860

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-048 — HEATING PERFORMANCE
C33-62D - C26-65EAP at 1600 cfm (755 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	3560	55,600	16.3
60	16	3495	52,900	15.5
55	13	3435	50,300	14.7
50	10	3370	47,600	14.0
47	8	3335	46,000	13.5
45	7	3305	44,100	12.9
40	4	3225	39,500	11.6
35	2	3145	34,800	10.2
30	-1	3095	33,500	9.8
25	-4	3045	32,200	9.4
20	-7	2995	30,800	9.0
17	-8	2965	30,000	8.8
15	-9	2940	28,900	8.5
10	-12	2875	26,300	7.7
5	-15	2695	23,400	6.9
0	-18	2510	20,500	6.0
-5	-21	2325	17,600	5.2
-10	-23	2145	14,800	4.3
-15	-26	1960	11,900	3.5
-20	-29	1780	9,000	2.6

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-048 — HEATING PERFORMANCE
CR26-51 at 1600 cfm (755 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	3855	55,200	16.2
60	16	3765	52,600	15.4
55	13	3675	50,000	14.7
50	10	3585	47,400	13.9
47	8	3530	45,800	13.4
45	7	3485	44,000	12.9
40	4	3380	39,400	11.5
35	2	3270	34,800	10.2
30	-1	3190	33,500	9.8
25	-4	3115	32,300	9.5
20	-7	3035	31,000	9.1
17	-8	2990	30,200	8.9
15	-9	2955	29,200	8.6
10	-12	2865	26,600	7.8
5	-15	2685	23,600	6.9
0	-18	2505	20,700	6.1
-5	-21	2330	17,800	5.2
-10	-23	2150	14,900	4.4
-15	-26	1970	12,000	3.5
-20	-29	1795	9,100	2.7

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-048 — COOLING CAPACITY — CR26-65

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	660	1400	14.3	48,700	3130	.73	.87	.98	13.8	47,000	3530	.74	.88	1.0	13.2	45,100	3990	.75	.90	1.0	12.7	43,300	4510	.77	.92	1.0
	755	1600	14.6	49,800	3140	.76	.91	1.0	14.1	48,100	3540	.77	.92	1.0	13.5	46,200	4000	.79	.94	1.0	13.0	44,300	4520	.80	.96	1.0
	850	1800	14.9	50,900	3150	.79	.94	1.0	14.4	49,100	3550	.80	.96	1.0	13.8	47,200	4010	.82	.97	1.0	13.3	45,300	4530	.84	.99	1.0
67°F (19°C)	660	1400	15.2	51,900	3160	.57	.70	.83	14.7	50,100	3560	.58	.71	.85	14.1	48,100	4020	.58	.73	.87	13.5	46,000	4550	.59	.74	.89
	755	1600	15.5	53,000	3170	.59	.73	.88	14.9	51,000	3580	.59	.75	.89	14.4	49,000	4030	.60	.76	.91	13.7	46,900	4550	.61	.78	.93
	850	1800	15.8	53,800	3180	.61	.77	.92	15.2	51,800	3580	.61	.78	.93	14.6	49,700	4040	.62	.80	.95	14.0	47,600	4560	.64	.82	.97
71°F (22°C)	660	1400	16.3	55,500	3190	.43	.55	.68	15.7	53,600	3600	.43	.56	.69	15.1	51,500	4060	.43	.57	.70	14.4	49,300	4590	.43	.58	.72
	755	1600	16.6	56,500	3210	.43	.57	.71	16.0	54,500	3610	.43	.58	.72	15.3	52,300	4080	.44	.59	.74	14.7	50,100	4590	.44	.60	.75
	850	1800	16.8	57,400	3220	.44	.59	.74	16.2	55,300	3630	.44	.60	.76	15.6	53,100	4080	.45	.61	.77	14.9	50,800	4600	.45	.62	.79

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-048 — COOLING CAPACITY — CH33-44B-F - CH23-65

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	660	1400	14.0	47,900	3140	.74	.87	.99	13.5	46,200	3540	.75	.89	1.0	13.0	44,400	4000	.76	.91	1.0	12.5	42,600	4520	.77	.92	1.0
	755	1600	14.4	49,000	3150	.77	.91	1.0	13.9	47,300	3550	.78	.93	1.0	13.3	45,500	4010	.79	.95	1.0	12.8	43,600	4530	.81	.97	1.0
	850	1800	14.7	50,000	3160	.80	.95	1.0	14.2	48,300	3560	.81	.96	1.0	13.6	46,500	4020	.83	.98	1.0	13.1	44,700	4540	.85	.99	1.0
67°F (19°C)	660	1400	14.9	50,900	3160	.57	.71	.84	14.4	49,100	3570	.58	.72	.86	13.8	47,200	4020	.59	.73	.87	13.2	45,200	4550	.60	.75	.89
	755	1600	15.2	51,900	3170	.59	.74	.88	14.7	50,000	3580	.60	.76	.90	14.1	48,100	4040	.61	.77	.92	13.5	46,000	4560	.62	.79	.94
	850	1800	15.4	52,700	3180	.61	.78	.92	14.9	50,800	3590	.62	.79	.94	14.3	48,800	4050	.63	.81	.96	13.7	46,700	4570	.64	.82	.97
71°F (22°C)	660	1400	15.9	54,400	3200	.43	.56	.68	15.4	52,500	3600	.43	.56	.70	14.8	50,500	4060	.43	.57	.71	14.2	48,300	4590	.43	.58	.72
	755	1600	16.2	55,400	3210	.43	.58	.72	15.6	53,400	3610	.44	.58	.73	15.0	51,300	4080	.44	.59	.75	14.4	49,100	4600	.44	.60	.76
	850	1800	16.4	56,100	3210	.44	.60	.75	15.9	54,100	3630	.45	.61	.77	15.2	52,000	4090	.45	.62	.78	14.6	49,800	4600	.45	.63	.80

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-048 — HEATING CAPACITY — CR26-65

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
660	1400	16.1	55,100	3695	12.8	43,600	3440	9.3	31,700	3180	6.7	22,900	2830	3.3	11,400	2095
755	1600	16.3	55,600	3560	12.9	44,100	3305	9.4	32,200	3045	6.9	23,400	2695	3.5	11,900	1960
850	1800	16.4	56,100	3465	13.1	44,600	3210	9.6	32,700	2950	7.0	23,900	2600	3.6	12,400	1865

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-048 — HEATING CAPACITY — CH33-44B-F - CH23-65

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
660	1400	16.1	54,900	3825	12.8	43,700	3500	9.3	31,900	3170	6.8	23,300	2775	3.4	11,600	2070
755	1600	16.2	55,400	3690	13.0	44,200	3365	9.5	32,400	3035	7.0	23,800	2640	3.5	12,100	1935
850	1800	16.4	55,900	3580	13.1	44,700	3255	9.6	32,900	2925	7.1	24,300	2530	3.7	12,600	1825

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-048 — HEATING PERFORMANCE CR26-65 at 1600 cfm (755 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	3560	55,600	16.3
60	16	3495	52,900	15.5
55	13	3435	50,300	14.7
50	10	3370	47,600	14.0
47	8	3335	46,000	13.5
45	7	3305	44,100	12.9
40	4	3225	39,500	11.6
35	2	3145	34,800	10.2
30	-1	3095	33,500	9.8
25	-4	3045	32,200	9.4
20	-7	2995	30,800	9.0
17	-8	2965	30,000	8.8
15	-9	2940	28,900	8.5
10	-12	2875	26,300	7.7
5	-15	2695	23,400	6.9
0	-18	2510	20,500	6.0
-5	-21	2325	17,600	5.2
-10	-23	2145	14,800	4.3
-15	-26	1960	11,900	3.5
-20	-29	1780	9,000	2.6

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-048 — HEATING PERFORMANCE CH33-44B-F - CH23-65 at 1600 cfm (755 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	3690	55,400	16.2
60	16	3610	52,800	15.5
55	13	3530	50,200	14.7
50	10	3450	47,600	14.0
47	8	3405	46,000	13.5
45	7	3365	44,200	13.0
40	4	3270	39,600	11.6
35	2	3170	35,000	10.3
30	-1	3105	33,700	9.9
25	-4	3035	32,400	9.5
20	-7	2970	31,200	9.1
17	-8	2930	30,400	8.9
15	-9	2895	29,400	8.6
10	-12	2820	26,800	7.9
5	-15	2640	23,800	7.0
0	-18	2465	20,900	6.1
-5	-21	2290	17,900	5.2
-10	-23	2110	15,000	4.4
-15	-26	1935	12,100	3.5
-20	-29	1755	9,100	2.7

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

HP26-048 — COOLING CAPACITY — CH33-50C-F - CH23-68

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		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	660	1400	14.4	49,000	3150	.73	.87	.99	13.8	47,200	3550	.74	.89	1.0	13.3	45,300	4010	.76	.90	1.0	12.7	43,300	4530	.77	.92	1.0
	755	1600	14.7	50,200	3160	.76	.91	1.0	14.2	48,300	3570	.78	.93	1.0	13.6	46,400	4030	.79	.95	1.0	13.0	44,400	4550	.81	.97	1.0
	850	1800	15.0	51,200	3180	.79	.95	1.0	14.5	49,400	3580	.81	.97	1.0	13.9	47,500	4040	.83	.99	1.0	13.4	45,600	4560	.85	1.0	1.0
67°F (19°C)	660	1400	15.3	52,300	3190	.57	.70	.84	14.7	50,300	3590	.58	.72	.85	14.2	48,300	4050	.58	.73	.87	13.5	46,200	4560	.59	.74	.89
	755	1600	15.6	53,300	3200	.59	.74	.88	15.1	51,400	3600	.60	.75	.90	14.4	49,300	4060	.61	.77	.92	13.8	47,100	4580	.62	.78	.94
	850	1800	15.9	54,200	3210	.61	.77	.92	15.3	52,200	3610	.62	.79	.94	14.7	50,000	4070	.63	.80	.96	14.0	47,800	4590	.64	.82	.98
71°F (22°C)	660	1400	16.4	55,900	3230	.43	.55	.68	15.8	53,900	3630	.43	.56	.69	15.2	51,700	4090	.43	.57	.70	14.5	49,500	4610	.43	.58	.72
	755	1600	16.7	57,000	3240	.43	.57	.71	16.1	54,900	3640	.44	.58	.73	15.4	52,600	4110	.44	.59	.74	14.7	50,300	4620	.44	.60	.76
	850	1800	16.9	57,800	3250	.44	.60	.75	16.3	55,700	3660	.44	.60	.76	15.6	53,300	4120	.45	.62	.78	14.9	51,000	4640	.45	.63	.80

NOTE — All values are gross capacities and do not include indoor coil blower motor heat deduction.

HP26-060 — 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)	1750	825	55.8	16.4	4.10	.74	.89	.99	53.9	15.8	4.63	.76	.90	1.00	51.8	15.2	5.23	.77	.92	1.00	49.7	14.6	5.89	.78	.94	1.00
	1950	920	56.8	16.6	4.11	.77	.92	1.00	54.8	16.1	4.64	.78	.93	1.00	52.8	15.5	5.23	.80	.95	1.00	50.6	14.8	5.89	.81	.97	1.00
	2150	1015	57.7	16.9	4.12	.79	.95	1.00	55.8	16.4	4.64	.81	.96	1.00	53.7	15.7	5.24	.82	.98	1.00	51.5	15.1	5.91	.84	.99	1.00
67°F (19°C)	1750	825	59.3	17.4	4.13	.58	.72	.85	57.2	16.8	4.66	.58	.73	.87	55.0	16.1	5.25	.59	.74	.89	52.7	15.4	5.91	.60	.76	.90
	1950	920	60.2	17.6	4.14	.59	.74	.89	58.0	17.0	4.67	.60	.76	.90	55.8	16.4	5.26	.61	.77	.92	53.4	15.6	5.93	.62	.79	.94
	2150	1015	60.9	17.8	4.15	.61	.77	.92	58.7	17.2	4.67	.62	.79	.93	56.5	16.6	5.27	.63	.80	.95	54.0	15.8	5.93	.64	.82	.97
71°F (22°C)	1750	825	63.3	18.6	4.16	.43	.56	.69	61.0	17.9	4.69	.43	.57	.70	58.7	17.2	5.29	.43	.58	.72	56.2	16.5	5.95	.44	.59	.73
	1950	920	64.2	18.8	4.17	.43	.58	.72	61.9	18.1	4.70	.44	.58	.73	59.5	17.4	5.29	.44	.59	.75	57.0	16.7	5.96	.44	.61	.76
	2150	1015	64.9	19.0	4.18	.44	.59	.75	62.5	18.3	4.71	.44	.60	.76	60.1	17.6	5.30	.45	.61	.78	57.5	16.9	5.97	.45	.63	.80

NOTE - All values are gross capacities and do not include indoor coil blower heat deduction.

HP26-048 — HEATING CAPACITY — CH33-50C-F - CH23-68

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-28°C)		
		Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input	Total Heating Capacity		Comp. Motor Watts Input
L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh	
660	1400	16.3	55,500	3600	12.9	44,000	3255	9.4	32,000	2860	6.8	23,200	2705	3.4	11,500	2005
755	1600	16.4	56,000	3475	13.0	44,500	3130	9.5	32,500	2735	6.9	23,700	2580	3.5	12,000	1880
850	1800	16.5	56,400	3380	13.2	44,900	3035	9.6	32,900	2640	7.1	24,100	2485	3.6	12,400	1785

NOTE — Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-060 — CB30M-51 - CB30U-51 - HEATING CAPACITY

Indoor Coil Air Volume 70°F db (21°C db)		Air Temperature Entering Outdoor Coil											
		65°F (18°C)			45°F (7°C)			25°F (-4°C)			5°F (-15°C)			-15°F (-26°C)		
		Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input	Total Heating Capacity		Comp. Motor kW Input
cfm	L/s	kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW		kBtuh	kW	
1800	850	63.5	18.6	4.75	51.0	14.9	4.27	38.1	11.2	3.78	27.4	8.0	3.27	13.8	4.0	2.44
2000	945	63.7	18.7	4.62	51.2	15.0	4.14	38.3	11.2	3.65	27.6	8.1	3.14	14.0	4.1	2.31
2200	1040	63.9	18.7	4.53	51.4	15.1	4.05	38.5	11.3	3.56	27.8	8.1	3.05	14.2	4.2	2.22

NOTE - Heating capacities include the effect of defrost cycles in the temperature range where they occur.

HP26-048 — HEATING PERFORMANCE
CH33-50C-F - CH23-68 at 1600 cfm (755 L/s)

*Outdoor Temperature		Compressor Motor Watts Input	Total Output	
°F	°C		Btuh	kW
65	18	3475	56,000	16.4
60	16	3410	53,300	15.6
55	13	3345	50,700	14.9
50	10	3280	48,000	14.1
47	8	3240	46,400	13.6
45	7	3130	44,500	13.0
40	4	2865	39,900	11.7
35	2	2600	35,200	10.3
30	-1	2670	33,900	9.9
25	-4	2735	32,500	9.5
20	-7	2805	31,200	9.1
17	-8	2845	30,400	8.9
15	-9	2820	29,300	8.6
10	-12	2755	26,700	7.8
5	-15	2580	23,700	6.9
0	-18	2405	20,800	6.1
-5	-21	2230	17,900	5.2
-10	-23	2055	15,000	4.4
-15	-26	1880	12,000	3.5
-20	-29	1710	9,100	2.7

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F(21°C).

HP26-060 — CB30M-51/CB30U-51 - HEATING PERFORMANCE at 2000 cfm (945 L/s) Indoor Coil Air Volume

*Outdoor Temperature		Compressor Motor kW Input	Total Output	
°F	°C		kBtuh	kW
65	18	4.62	63.7	18.7
60	16	4.50	60.7	17.8
55	13	4.39	57.7	16.9
50	10	4.27	54.8	16.1
47	8	4.20	53.0	15.5
45	7	4.14	51.2	15.0
40	4	3.98	46.7	13.7
35	2	3.83	42.2	12.4
30	-1	3.74	40.3	11.8
25	-4	3.65	38.3	11.2
20	-7	3.56	36.4	10.7
17	-8	3.51	35.2	10.3
15	-9	3.47	34.0	10.0
10	-12	3.35	31.0	9.1
5	-15	3.14	27.6	8.1
0	-18	2.94	24.2	7.1
-5	-21	2.73	20.8	6.1
-10	-23	2.52	17.4	5.1
-15	-26	2.31	14.0	4.1
-20	-29	2.11	10.6	3.1

*Outdoor temperature 70% relative humidity. Indoor temperature 70°F (21°).