

## ELITE 12™ CONDENSING UNITS 11.20 to 14.00 SEER

# HS25

Bulletin #210013

April 1996

Supersedes April 1995

**\*18,500 to 62,000 Btuh (5.4 to 18.2 kW) Cooling Capacity**  
**1.5 thru 5 Tons (5.3 thru 17.6 kW) Nominal**

\*DOE and ARI Certified Ratings



CERTIFICATION APPLIES ONLY  
WHEN THE COMPLETE  
SYSTEM IS LISTED  
WITH ARI



LISTED

### FEATURES

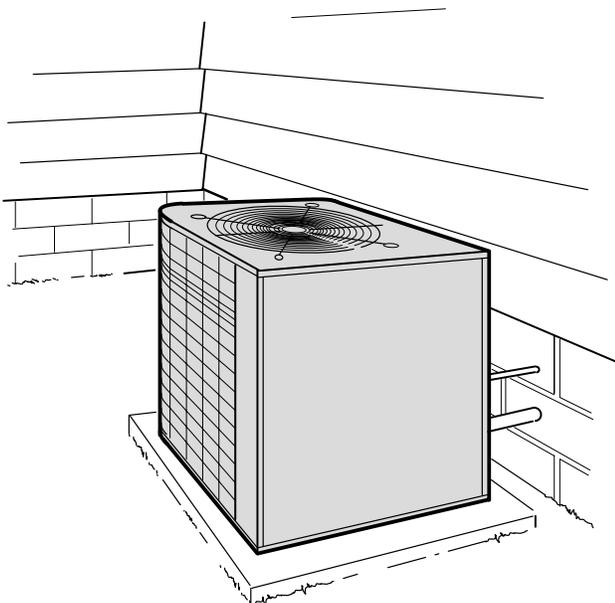
**Application** — ELITE 12 condensing units feature extra high efficiency with minimum operating sound levels. Units are applicable to expansion valve systems only and may be installed at ground level or on a roof. Units are adaptable to several blower powered and add-on evaporators providing a wide range of cooling capacities for selective sizing and application versatility. For evaporator unit data see tab Coils — Blower Coil Units in this section. Units are shipped completely factory assembled, piped and wired. In addition, each unit is test operated at the factory insuring proper operation. Installer has only to place condensing unit in desired location, connect refrigerant lines and make electrical connections to complete the job.

**Approvals** — Condensing units have been tested in the Lennox Research Laboratory environmental test room and rated in accordance with ARI Standard 210/240-94. In addition, units have been sound rated in the Lennox reverberant sound test room in accordance with test conditions included in ARI Standard 270-95. Condensing units and components within are bonded for grounding to meet safety standards for servicing required by U.L. and C.E.C. Units are also U.L. listed and C.S.A. certified.

**Copeland® Compliant Scroll™ Compressor** — High efficiency compressor features durability, steady uniform suction flow, constant discharge flow, high volumetric efficiency, quiet operation and the ability to start under any system load. Use of the scroll compressor eliminates the need for crankcase heater, start capacitor and start relay. The compliant scroll type compressor is a simple compression concept design consisting of two involute spiral scrolls matched together to generate a series of crescent-shaped gas pockets between them. During compression, one scroll is stationary while the other is allowed to orbit, not rotate, around the fixed one. As this motion occurs, gas is drawn into the outer pocket sealing off the open passage. As the spiral movement continues, the pockets between the scrolls are slowly pushed to the center of the scrolls while simultaneously being reduced in volume. When the pocket reaches the center, the gas is now at high pressure and is forced out of a port located in the center of the fixed scroll. During compression, several pockets are being compressed simultaneously resulting in a smooth, nearly continuous compression cycle. Continuous flank contact, maintained by centrifugal force, minimizes gas leakage and maximizes efficiency. The scroll compressor is tolerant to the effects of liquid slugging and contaminants. Should this occur, the scrolls separate and allow the liquid or contaminants to be worked to the center and discharged. Low gas pulses during compression minimize operational sound level. Motor is internally protected from excessive current and temperature. Compressor is installed in the unit on resilient rubber mounts, assuring vibration free operation.



### Typical Application



**Equipment Warranty** — The compressor has a limited warranty for ten years in residential installations and 5 years in non-residential installations. All other covered components have a limited warranty for five years in residential installations and one year in non-residential installations. Refer to Lennox Equipment Limited Warranty included with the unit for details.

(Continued)

## FEATURES

**Durable Steel Cabinet** — Heavy gauge galvanized steel cabinet is subject to a five station metal wash process. This preparation results in a perfect bonding surface for the finish coat of baked-on outdoor enamel. The attractive enamel finish gives the cabinet long lasting protection from rust and corrosion. Compressor and control box are located in a separate compartment insulated with thick fiberglass insulation. Compartment provides protection from the weather and keeps sound transmission at a minimum. Control box is conveniently located with all controls factory wired. Large removable panel provides service access. Drainage holes are provided in the base section for moisture removal. High density polyethylene base channels raise the unit off of the mounting surface away from damaging moisture. Non-corrosive PVC (polyvinyl chloride) coated steel wire condenser coil guard is furnished.

**Copper Tube/Enhanced Fin Coil** — Lennox designed and fabricated coil is constructed of precisely spaced ripple-edged aluminum fins machine fitted to seamless copper tubes in a wrap around "U" shaped configuration providing extra large surface area with low air resistance. Lanced fins provide maximum exposure of fin surface to air stream resulting in excellent heat transfer. In addition, fins are equipped with collars that grip the tubing for maximum contact area. Precise circuiting provides uniform refrigerant distribution. Flared shoulder tubing connections and silver soldering provide tight, leak-proof joints. Long life copper tubing is corrosion-resistant and easy to field service. Coil is thoroughly factory tested under high pressure to insure leakproof construction. Entire coil is accessible for cleaning.

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

**Hi-Capacity Drier** — Furnished as standard for field installation. Drier traps any moisture or dirt that could contaminate the refrigerant system.

**Accumulator (HS25-510 & -650 Only)** — Accumulator traps and prevents large amounts of liquid refrigerant from entering compressor which could cause damage during start-up.

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

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

**Timed-Off Control** — Prevents compressor short-cycling and also 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** — Suction and liquid lines are located inside of the cabinet and are made with sweat connections. Fully serviceable brass service valves prevent corrosion and provide easy access to refrigerant system. Suction valve can be fully shut off, while the liquid valve may be front seated to manage refrigerant charge while servicing the system. Suction and liquid line service valves and gauge ports are located inside the cabinet. A thermometer well is located in the liquid line to check the refrigerant charge. Refrigerant line connections and field wiring inlets are all located in one central area of the cabinet. See dimension drawing.

## OPTIONAL ACCESSORIES (Must Be Ordered Extra)

**Thermostat (Optional)** — Thermostat is not furnished with the unit and must be ordered extra. See Thermostats bulletin in Accessories section (U.S. only) and Lennox Price Book.

**Refrigerant Line Kits (Optional)** — Lines are available in several lengths and must be ordered extra. See Refrigerant Line Kit table. The refrigerant lines (suction and liquid) are shipped refrigeration clean. Lines are cleaned, dried and pressurized at the factory and sealed. Suction line is fully insulated. L15 lines are stubbed at both ends.

**Expansion Valve Kits (Optional)** — Must be ordered extra and field installed on some matching evaporator units. See ARI Ratings table.

**Low Ambient Kit (Optional)** — Condensing units will operate satisfactorily down to 45°F (7°C) outdoor air temperature without any additional controls. For cases where operation of the unit is required at low ambients a Low Ambient Control Kit LB-57113BC (24H77) can be added in the field, enabling it to operate properly down to 30°F (-1°C).

**Mounting Base (Optional)** — Rugged 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. HS25-211-261 use MB2-S (69J06) 22-1/4" x 22-1/4" x 3" (565 mm x 565 mm x 76 mm) shipping weight 6 lbs. (3 kg) each. HS25-311 thru -650 use MB2-L (69J07) 32" x 34" x 3" (813 mm x 864 mm x 76 mm) shipping weight 15 lbs. (7 kg) each.

## SPECIFICATIONS

Model No.		HS25-211	HS25-261	HS25-311	HS25-411-413	HS25-461-463	HS25-511-513	HS25-651-653	
Condenser Coil	Net face area — sq. ft. (m <sup>2</sup> )	Outer coil	11.8 (1.10)	11.8 (1.10)	15.9 (1.48)	15.9 (1.48)	15.9 (1.48)	21.6 (2.01)	21.6 (2.01)
		Inner coil	---	5.4 (0.50)	5.5 (0.51)	5.5 (0.51)	8.8 (0.82)	20.8 (1.93)	20.8 (1.93)
	Tube diameter — in. (mm)		3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)
	No. of rows		1	1.48	1.36	1.36	1.57	2	2
	Fins per inch (m)		20 (787)	20 (787)	20 (787)	20 (787)	20 (787)	20 (787)	20 (787)
Condenser Fan	Dia. — in. (mm) no. of blades		20 (508) — 3	20 (508) — 4	24 (610) — 3	24 (610) — 3	24 (610) — 3	24 (610) — 4	24 (610) — 4
	Motor hp (W)		1/10 (75)	1/6 (124)	1/6 (124)	1/6 (124)	1/6 (124)	1/4 (187)	1/4 (187)
	Cfm (L/s)		1865 (879)	2450 (1155)	3150 (1485)	3150 (1485)	3100 (1465)	3870 (1825)	4250 (2005)
	Rpm		825	820	820	820	820	840	820
	Watts		150	210	215	210	205	330	350
*HCFC-22 — charge furnished		6 lbs. 2 oz. (2.78 kg)	6 lbs. 8 oz. (2.95 kg)	8 lbs. 1 oz. (3.66 kg)	8 lbs. 1 oz. (3.66 kg)	8 lbs. 5 oz. (3.77 kg)	13 lbs. 8 oz. 6.12 kg)	15 lbs. 8 oz. 7.03 kg)	
Liquid line (o.d.) — in. (mm) sweat		3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	
Suction line (o.d.) in. — (mm) sweat		5/8 (15.9)	3/4 (19)	3/4 (19)	3/4 (19)	7/8 (22.2)	7/8 (22.2)	1-1/8 (28.6)	
Shipping weight — lbs. (kg) 1 package		157 (71)	169 (77)	204 (93)	233 (106)	227 (103)	307 (139)	320 (145)	

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

# ARI RATINGS

Unit Size & Model No. *Sound Rating Number (db)	★ARI Standard 210/240 Ratings					Up-Flow	Down-Flow	Horizontal	**Expansion Valve Kit Required	
	Cooling Cap.		SEER	EER	Total Unit Watts					Evaporator Coils
	Btuh	kW								
1.5 Ton HS25-211 (76)	19,500	5.7	11.75	10.55	1850	C26-21(FC)	----	----	●Factory Installed	
	20,000	5.9	11.85	10.80	1850	C23-26(W)(FC)	----	----	LB-85663J (26K34)	
	20,000	5.9	12.05	10.80	1850	C26-26(W)(FC)	----	----	●Factory Installed	
	20,400	6.0	13.00	11.50	1775	C26-21(FC)+G25MV3	----	----		
	19,000	5.6	11.20	10.20	1865	----	CR26-21	----		
	19,800	5.8	12.00	10.60	1870	----	CR26-31	----		
	20,400	6.0	13.00	11.50	1775	----	CR26-21+G25MV3	----	LB-85663J (26K34)	
	18,500	5.4	11.40	10.30	1800	----	----	CH23-21		
	19,000	5.6	11.50	10.55	1800	----	----	CH23-31		
		<b>Btuh</b>	<b>kW</b>	<b>SEER</b>	<b>EER</b>	<b>Watts</b>	<b>Blower Coil Units</b>			<b>Valve</b>
	19,600	5.7	12.05	10.70	1830	CB29M-21/26 (Multi-Position)				
	20,000	5.9	12.25	10.90	1835	CB30M-21/26 (Multi-Position)			●Factory Installed	
	20,200	5.9	11.50	10.70	1885	⊕ CVP10-26/EC10Q3	----	----		
	<b>Btuh</b>	<b>kW</b>	<b>SEER</b>	<b>EER</b>	<b>Watts</b>	<b>Evaporator Coils</b>			<b>Valve</b>	
22,400	6.6	12.05	10.55	2125	C26-21(FC)	----	----	●Factory Installed		
23,400	6.9	11.75	10.55	2220	C23-26(W)(FC)	----	----			
24,000	7.0	12.05	10.80	2225	C23-31(W)(FC)	----	----	LB-85663J (26K34)		
24,400	7.1	12.20	11.00	2220	C23-41(W)(FC)	----	----			
25,000	7.3	12.65	11.25	2225	C26-26(W)(FC)	----	----			
26,000	7.6	12.75	11.35	2290	C26-31(W)(FC)	----	----			
26,200	7.7	12.80	11.40	2300	C26-41(FC)	----	----	●Factory Installed		
26,000	7.6	13.50	12.20	2130	C26-31(W)(FC)+G25MV3	----	----			
26,000	7.6	14.00	12.70	2045	C26-31(FC)+G21V3	----	----			
22,400	6.6	11.40	10.20	2195	----	CR26-21	----			
23,800	7.0	11.80	10.70	2225	----	CR26-31	----			
24,400	7.1	12.00	10.90	2340	----	CR26-41(N)(W)	----			
26,000	7.6	13.50	12.20	2130	----	CR26-31+G25MV3	----	LB-85663J (26K34)		
23,000	6.7	11.60	10.40	2210	----	----	CH23-21			
23,800	7.0	11.80	10.75	2215	----	----	CH23-31			
24,400	7.1	12.00	10.90	2220	----	----	CH23-41			
	<b>Btuh</b>	<b>kW</b>	<b>SEER</b>	<b>EER</b>	<b>Watts</b>	<b>Blower Coil Units</b>			<b>Valve</b>	
23,800	7.0	12.05	10.80	2205	CB29M-21/26 (Multi-Position)					
24,000	7.0	12.05	10.80	2225	CB29M-31 (Multi-Position)					
25,000	7.3	12.55	11.25	2225	CB30M-21/26 (Multi-Position)			●Factory Installed		
26,200	7.7	13.05	12.00	2180	CB30M-31 (Multi-Position)					
25,200	7.4	12.25	11.05	2280	⊕ CVP10-26/EC10Q3	----	----			

★Rated in accordance with ARI Standard 210/240; 95°F (35°C) outdoor air temperature, 80°F (27°C) db / 67°F (19°C) wb entering evaporator air with 25 ft. (7.6 m) of connecting refrigerant lines.

\*Sound Rating Number rated in accordance with test conditions included in ARI Standard 270.

\*\* Kit is required and must be ordered extra, unless shown as factory installed.

●Furnished as standard with coil.

NOTE — Shaded area denotes most popular evaporator coil.

# ARI RATINGS

Unit Size & Model No. *Sound Rating Number (db)	★ARI Standard 210/240 Ratings					Up-Flow	Down-Flow	Horizontal	**Expansion Valve Kit Required	
	Cooling Cap.		SEER	EER	Total Unit Watts					Evaporator Coils
	Btuh	kW								
2.5 Ton HS25-311 (76)	29,600	8.7	12.05	11.00	2690	C23-26(W)(FC)	----	----	LB-85663J (26K34)	
	30,200	8.8	12.65	11.20	2700	C26-26(W)(FC)	----	----	●Factory Installed	
	30,600	9.0	12.55	11.30	2710	C23-31(W)(FC)	----	----	LB-85663J (26K34)	
	30,800	9.0	12.65	11.40	2705	C23-41(W)(FC)	----	----		
	32,000	9.4	12.80	11.50	2785	C26-31(W)(FC)	----	----	●Factory Installed	
	32,400	9.5	12.95	11.60	2795	C26-41(FC)	----	----		
	32,600	9.6	12.50	11.30	2880	C26-46(FC)	----	----		
	32,200	9.4	13.90	12.40	2595	C26-41(FC)+G25MV3	----	----		
	33,000	9.7	14.00	12.90	2560	C26-41(FC)+G21V3	----	----		
	29,000	8.5	12.00	11.20	2590	----	CR26-31	----	LB-85663J (26K34)	
	30,600	9.0	12.40	11.40	2685	----	CR26-41(N)(W)	----		
	32,200	9.4	13.90	12.40	2595	----	CR26-41(N)(W)+G25MV3	----		
	29,000	8.5	11.80	10.50	2760	----	----	CH23-21		
	29,500	8.6	12.00	10.70	2625	----	----	CH23-31		
	30,000	8.8	12.20	10.85	2770	----	----	CH23-41		
		<b>Btuh</b>	<b>kW</b>	<b>SEER</b>	<b>EER</b>	<b>Watts</b>	<b>Blower Coil Units</b>			<b>Valve</b>
		28,600	8.4	12.10	10.85	2635	CB29M-21/26 (Multi-Position)			●Factory Installed
		30,600	9.0	12.55	11.50	2665	CB29M-31 (Multi-Position)			
		30,600	9.0	12.65	11.60	2635	CB30M-21/26 (Multi-Position)			
		30,800	9.0	12.65	11.50	2675	CB29M-41 (Multi-Position)			
	32,200	9.4	13.05	12.50	2575	CB30M-31 (Multi-Position)				
	32,400	9.5	13.05	12.40	2615	CB30M-41 (Multi-Position)				
	32,600	9.6	13.05	12.20	2670	CB30M-46 (Multi-Position)				
	32,600	9.6	13.70	13.10	2485	CB31MV-41 (Multi-Position)				
	30,200	8.8	12.15	10.75	2810	⊕ CVP10-31/EC10Q3	----	----		
	30,800	9.0	12.20	10.90	2820	⊕ CVP10-41/EC10Q3	----	----		

★Rated in accordance with ARI Standard 210/240; 95°F (35°C) outdoor air temperature, 80°F (27°C) db / 67°F (19°C) wb entering evaporator air with 25 ft. (7.6 m) of connecting refrigerant lines.

\*Sound Rating Number rated in accordance with test conditions included in ARI Standard 270.

\*\* Kit is required and must be ordered extra, unless shown as factory installed.

●Furnished as standard with coil.

NOTE – Shaded area denotes most popular evaporator coil.

# ARI RATINGS

Unit Size & Model No. *Sound Rating Number (db)	★ARI Standard 210/240 Ratings					Up-Flow	Down-Flow	Horizontal	**Expansion Valve Kit Required		
	Cooling Cap.		SEER	EER	Total Unit Watts					Evaporator Coils	
	Btuh	kW									
3 Ton HS25-411 HS25-413 (76)	32,000	9.4	11.55	10.15	3155	C23-31(W)(FC)	----	----	LB-85663J (26K34)		
	35,000	10.3	12.05	10.85	3225	C26-31(W)(FC)	----	----	●Factory Installed		
	35,000	10.3	12.05	11.55	3030	C23-41(W)(FC)	----	----	LB-85663J (26K34)		
	35,400	10.4	12.25	10.70	3310	C23-46(FC)	----	----			
	36,000	10.5	12.75	10.85	3325	C26-41(FC)	----	----			
	36,400	10.7	12.50	10.90	3335	C26-46(FC)	----	----	●Factory Installed		
	36,600	10.7	12.55	10.90	3350	C26-51(FC)	----	----			
	36,800	10.8	12.00	11.05	3330	C23-51(FC)	----	----	LB-85663J (26K34)		
	37,000	10.8	12.20	11.15	3330	C23-51/65(FC)	----	----			
	36,000	10.5	13.30	11.65	3090	C26-51(FC)+G21V3	----	----	●Factory Installed		
	38,000	11.1	13.65	12.20	3115	C26-51(FC)+G25MV3	----	----			
	33,800	9.9	11.75	10.60	3190	----	CR26-31	----			
	35,200	10.3	12.00	11.00	3200	----	CR26-41(N)(W)	----			
	35,800	10.5	12.40	11.20	3195	----	CR26-51(N)(W)	----			
	38,000	11.1	13.65	12.20	3115	----	CR26-51(N)(W)+G25MV3	----	LB-85663J (26K34)		
	34,000	10.0	11.70	10.40	3265	----	----	CH23-31			
	35,600	10.4	12.00	9.90	3590	----	----	CH23-41			
	36,000	10.5	12.40	10.90	3300	----	----	CH23-51			
		<b>Btuh</b>	<b>kW</b>	<b>SEER</b>	<b>EER</b>	<b>Watts</b>	<b>Blower Coil Units</b>			<b>Valve</b>	
		33,000	9.7	12.05	10.70	3085	CB29M-31 (Multi-Position)				
		35,000	10.3	12.05	10.80	3240	CB29M-41 (Multi-Position)				
		36,000	10.5	12.50	11.70	3075	CB30M-31 (Multi-Position)				
		36,400	10.7	12.50	11.40	3195	CB29M-46 (Multi-Position)			●Factory Installed	
	36,600	10.7	12.80	11.70	3130	CB30M-41 (Multi-Position)					
	36,600	10.7	13.05	12.05	2805	CB31MV-41 (Multi-Position)					
	36,600	10.7	13.20	11.85	3090	CB30M-46 (Multi-Position)					
	36,600	10.7	11.85	10.70	3420	⊕ CVP10-41/EC10Q3	----	----			
3.5 Ton HS25-461 HS25-463 (78)		<b>Btuh</b>	<b>kW</b>	<b>SEER</b>	<b>EER</b>	<b>Watts</b>	<b>Evaporator Coils</b>			<b>Valve</b>	
		38,500	11.3	11.75	10.25	3755	C23-41(W)(FC)	----	----	LB-85663K (26K35)	
		39,500	11.6	11.80	10.15	3890	C23-46(FC)	----	----	●Factory Installed	
		41,000	12.0	12.25	10.75	3815	C26-41(FC)	----	----	LB-85663K (26K35)	
		41,000	12.0	12.00	10.65	3850	C23-51(FC)	----	----		
		42,000	12.3	12.10	10.80	3890	C23-51/65(FC)	----	----		
		42,000	12.3	12.00	10.60	3955	C26-46(FC)	----	----		
		42,500	12.5	12.10	10.75	3960	C26-51(FC)	----	----	●Factory Installed	
		42,500	12.5	13.00	11.45	3710	C26-51(FC)+G21V5	----	----		
		43,000	12.6	13.20	11.55	3725	C26-51(FC)+G25MV5	----	----		
		39,000	11.4	11.80	10.75	3630	----	CR26-41(N)(W)	----		
		40,000	11.7	12.00	10.80	3705	----	CR26-51(N)(W)	----		
		43,000	12.6	13.20	11.55	3725	----	CR26-51(N)(W)+G25MV5	----	LB-85663K (26K35)	
		40,500	11.9	11.80	10.60	3830	----	----	CH23-41		
		41,500	12.2	12.00	10.80	3845	----	----	CH23-51		
			<b>Btuh</b>	<b>kW</b>	<b>SEER</b>	<b>EER</b>	<b>Watts</b>	<b>Blower Coil Units</b>			<b>Valve</b>
			38,500	11.3	11.75	10.25	3755	CB29M-41 (Multi-Position)			
		40,500	11.9	12.05	10.60		CB29M-46 (Multi-Position)				
		41,000	12.0	11.50	10.30	3980	CB29M-51 (Multi-Position)				
		41,000	12.0	12.05	11.30	3630	CB30M-41 (Multi-Position)				
		41,000	12.0	12.10	11.30	3630	CB31MV-41 (Multi-Position)			●Factory Installed	
		42,500	12.5	12.30	11.60	3665	CB30M-46 (Multi-Position)				
		43,000	12.6	12.30	11.75	3660	CB30M-51 (Multi-Position)				
		43,000	12.6	12.60	12.05	3570	CB31MV-51 (Multi-Position)				
		40,500	11.9	11.30	10.05	4030	⊕ CVP10-46/EC10Q4	----	----		

★Rated in accordance with ARI Standard 210/240; 95°F (35°C) outdoor air temperature, 80°F (27°C) db / 67°F (19°C) wb entering evaporator air with 25 ft. (7.6 m) of connecting refrigerant lines.

\*Sound Rating Number rated in accordance with test conditions included in ARI Standard 270.

\*\* Kit is required and must be ordered extra, unless shown as factory installed.

●Furnished as standard with coil.

NOTE — Shaded area denotes most popular evaporator coil.

# ARI RATINGS

Unit Size & Model No. *Sound Rating Number (db)	★ARI Standard 210/240 Ratings					Up-Flow	Down-Flow	Horizontal	**Expansion Valve Kit Required	
	Cooling Cap.		SEER	EER	Total Unit Watts					Evaporator Coils
	Btuh	kW				Btuh	kW	SEER		EER
4 Ton HS25-511 HS25-513 (78)	46,000	13.5	11.50	10.75	4280	C23-46(FC)	----	----	LB-85663K (26K35)	
	46,500	13.6	11.55	10.85	4280	C26-41(FC)	----	----	●Factory Installed	
	46,500	13.6	11.75	10.40	4470	C23-51(FC)	----	----	LB-85663K (26K35)	
	47,000	13.8	12.05	10.50	4475	C23-51/65(FC)	----	----		
	48,500	14.2	12.05	10.75	4510	C26-46(FC)	----	----		
	49,000	14.4	12.10	10.85	4515	C26-51(FC)	----	----		
	49,000	14.4	12.15	10.85	4515	C26-65(FC)	----	----		
	49,000	14.4	12.15	11.40	4310	C26-65(FC)EAP	----	----		
	48,000	14.1	12.35	10.70	4485	C26-65(FC)+G25MV5	----	----	●Factory Installed	
	49,000	14.4	13.00	11.45	4280	C26-65(FC)+G21V5	----	----		
	50,000	14.7	13.00	11.45	4365	C26-65(FC)EAP+G21V5	----	----		
	52,000	15.2	12.65	11.40	4560	C26-65(FC)EAP+G25MV	----	----		
	45,000	13.2	11.70	10.40	4090	----	CR26-51(N)(W)	----		
	46,500	13.6	12.00	10.50	4190	----	CR26-65(N)(W)	----		
	48,000	14.1	12.35	10.70	4485	----	CR26-65(N)(W)+G25MV5	----		
	48,000	14.1	11.70	10.60	4530	----	----	CH23-51	LB-85663K (26K35)	
	49,000	14.4	12.15	10.85	4515	----	----	CH23-65		
	49,000	14.4	12.15	11.40	4310	----	----	CH23-68		
	50,000	14.7	13.00	11.45	4365	----	----	CH23-68+GSR21V5		
	52,000	15.2	12.65	11.40	4560	----	----	CH23-68+G25MV		
		<b>Btuh</b>	<b>kW</b>	<b>SEER</b>	<b>EER</b>	<b>Watts</b>	<b>Blower Coil Units</b>			<b>Valve</b>
		46,000	13.5	12.05	10.30	4465	CB29M-46 (Multi-Position)			
		46,500	13.6	11.75	10.50	4430	CB29M-51 (Multi-Position)			
		46,500	13.6	12.05	11.15	4170	CB30M-41 (Multi-Position)			
		46,500	13.6	12.10	11.15	4170	CB31MV-41 (Multi-Position)			
		47,000	13.8	12.05	11.00	4270	CB29M-65 (Multi-Position)			
		47,500	13.9	12.50	11.30	4205	CB30M-46 (Multi-Position)			
		48,500	14.2	12.50	11.35	4275	CB30M-51 (Multi-Position)			●Factory Installed
	48,500	14.2	12.50	11.35	4275	CB30M-65 (Multi-Position)				
	48,500	14.2	12.80	11.50	4215	CB31MV-51 (Multi-Position)				
	49,000	14.4	13.05	11.60	4225	CB31MV-65 (Multi-Position)				
	46,500	13.6	11.55	10.20	4560	⊕ CVP10-51/EC10Q4	----	----		
	48,000	14.1	11.75	10.50	4569	⊕ CVP10-65/EC10Q5	----	----		
5 Ton HS25-651 HS25-653 (78)	<b>Btuh</b>	<b>kW</b>	<b>SEER</b>	<b>EER</b>	<b>Watts</b>	<b>Evaporator Coils</b>			<b>Valve</b>	
	54,500	16.0	11.35	9.85	5535	C23-51(FC)	----	----	LB-85663K (26K35)	
	56,000	16.4	11.75	10.05	5580	C26-46(FC)	----	----	●Factory Installed	
	58,000	17.0	12.00	10.40	5585	C26-51(FC)	----	----		
	58,500	17.1	12.00	10.30	5680	C23-51/65(FC)	----	----	LB-85663K (26K35)	
	59,000	17.3	12.00	10.45	5635	C26-65(FC)	----	----		
	59,500	17.4	12.15	10.85	5485	C26-65(FC)EAP	----	----		
	58,500	17.1	12.35	10.80	5415	C26-65(FC)+G25MV5	----	----	●Factory Installed	
	59,000	17.3	13.00	11.45	5155	C26-65(FC)+G21V5	----	----		
	59,500	17.4	13.15	11.50	5175	C26-65(FC)EAP+G21V5	----	----		
	62,000	18.2	12.70	11.10	5585	C26-65(FC)EAP+G25MV5	----	----		
	53,000	15.5	11.70	10.50	5050	----	CR26-51(N)(W)	----		
	55,000	16.1	12.00	10.70	5140	----	CR26-65(N)(W)	----		
	58,500	17.1	12.35	10.80	5415	----	CR26-65(N)(W)+G25MV5	----		
	56,500	16.6	11.50	9.90	5710	----	----	CH23-51	LB-85663K (26K35)	
	57,500	16.8	12.05	10.15	5670	----	----	CH23-65		
	59,500	17.4	12.15	10.85	5485	----	----	CH23-68		
	59,500	17.4	13.15	11.50	5175	----	----	CH23-68+GSR21V5		
	62,000	18.2	12.70	11.10	5585	----	----	CH23-68+G25MV5		
		<b>Btuh</b>	<b>kW</b>	<b>SEER</b>	<b>EER</b>	<b>Watts</b>	<b>Blower Coil Units</b>			<b>Valve</b>
		54,500	16.0	11.35	9.65	5650	CB29M-51 (Multi-Position)			
		56,500	16.6	12.05	10.10	5595	CB29M-65 (Multi-Position)			
	58,500	17.1	12.05	11.25	5200	CB30M-51 (Multi-Position)				
	58,500	17.1	12.20	11.35	5155	CB31MV-51 (Multi-Position)			●Factory Installed	
	60,000	17.6	12.20	11.25	5335	CB30M-65 (Multi-Position)				
	60,000	17.6	12.30	11.30	5310	CB31MV-65 (Multi-Position)				
	58,000	17.0	11.60	10.30	5640	⊕ CVP10-65/EC10Q5	----	----		

★Rated in accordance with ARI Standard 210/240; 95°F (35°C) outdoor air temperature, 80°F (27°C) db / 67°F (19°C) wb entering evaporator air with 25 ft. (7.6 m) of connecting refrigerant lines.  
 \*Sound Rating Number rated in accordance with test conditions included in ARI Standard 270.  
 \*\* Kit is required and must be ordered extra, unless shown as factory installed.  
 ●Furnished as standard with coil.  
 NOTE — Shaded area denotes most popular evaporator coil.

## ELECTRICAL DATA

Model No.		HS25-211	HS25-261	HS25-311	HS25-411	HS25-413	HS25-461	HS25-463
Line voltage data — 60hz		208/230v 1ph	208/230v 1ph	208/230v 1ph	208/230v 1ph	208/230v 3ph	208/230v 1ph	208/230v 3ph
Compressor	Rated load amps	9.7	11.6	13.5	18.0	10.3	20.0	12.5
	Power factor	.96	.96	.96	.96	.82	.97	.82
	Locked rotor amps	50.0	62.5	76.0	90.5	77.0	107.0	88.0
Condenser Coil Fan Motor	Full load amps	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	Locked rotor amps	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Rec. max. fuse or circuit breaker size (amps)		20	25	30	40	20	45	25
*Minimum circuit ampacity		13.3	15.6	18.0	23.6	14.0	26.1	16.8

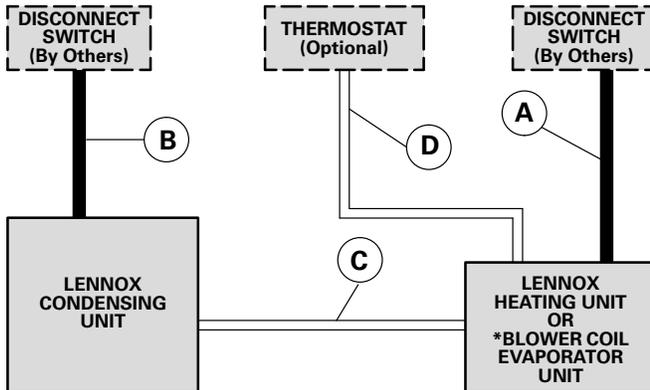
\*Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements.  
NOTE — Extremes of operating range are plus 10% and minus 5% of line voltage.

## ELECTRICAL DATA

Model No.		HS25-511	HS25-513		HS25-651	HS25-653	
Line voltage data — 60hz		208/230v 1ph	208/230v 3ph	460v 3ph	208/230v 1ph	208/230v 3ph	460v 3ph
Compressor	Rated load amps	23.7	13.5	7.4	28.8	17.4	9.0
	Power factor	.89	.87	.87	.97	.85	.85
	Locked rotor amps	129.0	99.0	49.5	169.0	123.0	62.0
Condenser Coil Fan Motor	Full load amps	1.7	1.7	1.1	1.6	1.6	1.1
	Locked rotor amps	3.1	3.1	2.2	3.8	3.8	2.2
Rec. max. fuse or circuit breaker size (amps)		50	30	15	60	40	20
*Minimum circuit ampacity		31.3	18.6	10.4	37.7	23.4	12.4

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

## FIELD WIRING



- A — Two Wire Power (not furnished)
- B — Two or Three Wire Power (not furnished) — See Electrical Data
- C — Two Wire Low Voltage (not furnished) — 18 ga. minimum
- D — Four Wire Low Voltage (not furnished) — 18 ga. minimum

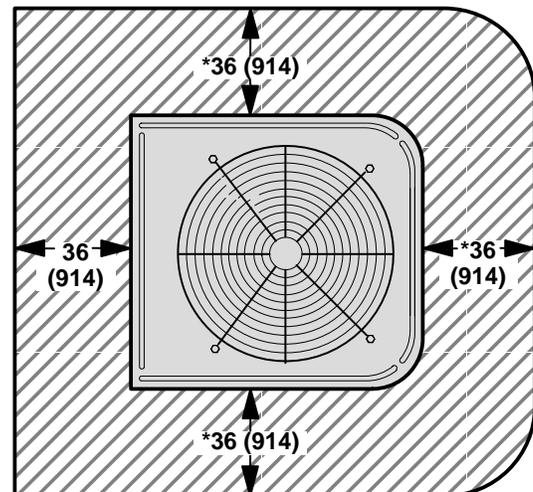
All wiring must conform to NEC and CEC and local electrical codes.

## REFRIGERANT LINE KITS

Condensing Unit Model No.	Line Set Model No.	Length of Suction & Liquid Lines		Liquid Line (o.d.)		Suction Line (o.d.)	
		ft.	m	in.	mm	in.	mm
HS25-211	L15-26-20	20	6.1	3/8	9.5	5/8	15.9
	L15-26-25	25	7.6				
	L15-26-35	35	10.7				
	L15-26-50	50	15.2				
HS25-261 HS25-311 HS25-411-413	L15-41-20	20	6.1	3/8	9.5	3/4	19
	L15-41-30	30	9.1				
	L15-41-40	40	12.2				
	L15-41-50	50	15.2				
HS25-461-463 HS25-511-513	L15-65-30	30	9.1	3/8	9.5	7/8	22.2
	L15-65-40	40	12.2				
	L15-65-50	50	15.2				
HS25-651-653	*Not available			3/8	9.5	1-1/8	22.2

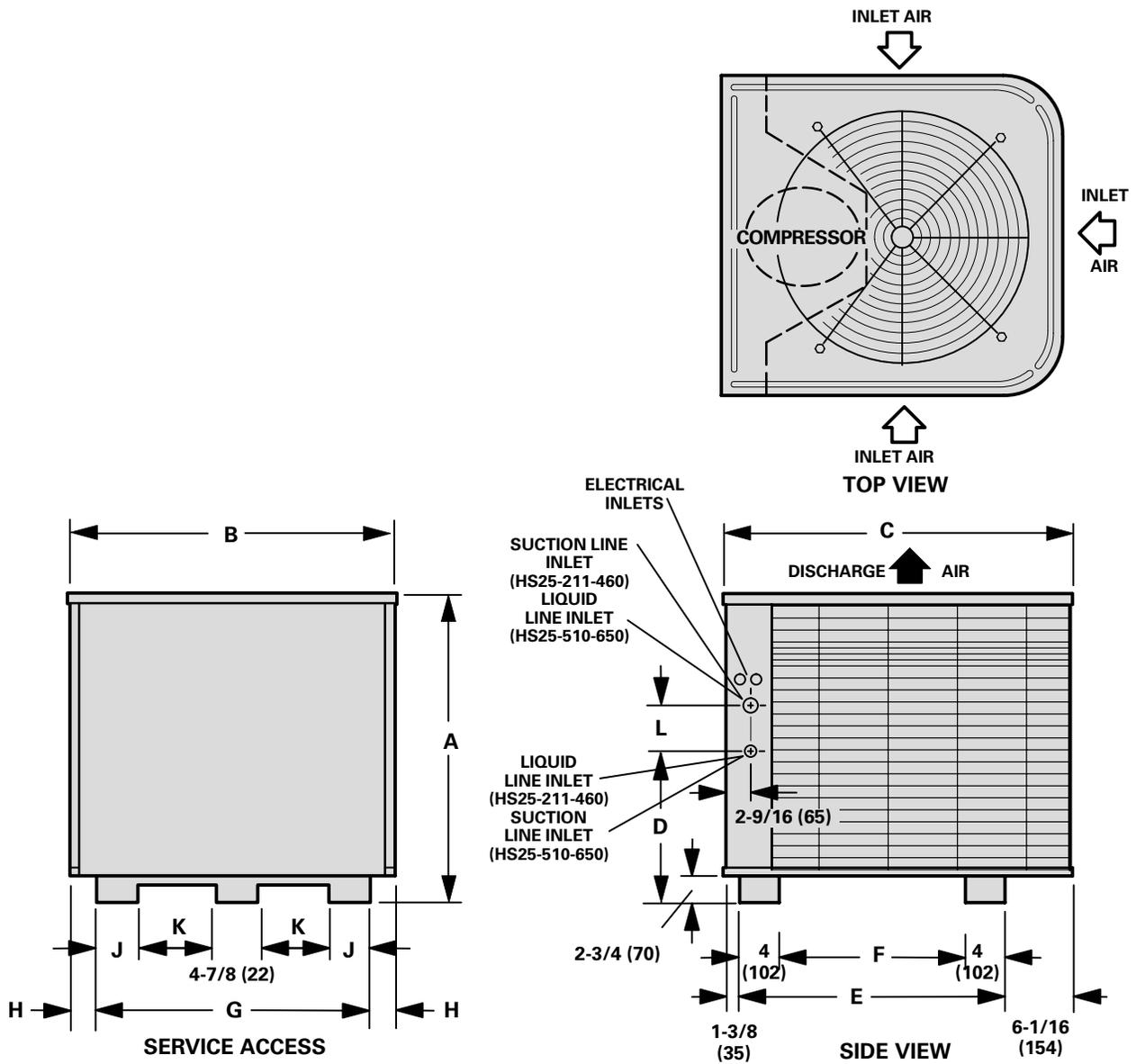
\*Field fabricate.

## INSTALLATION CLEARANCES — inches (mm)



- NOTE — 48 inches (1219 mm) clearance required on top of unit.
- \*NOTE — Two sides of coil may be 12 inches (305 mm).

**DIMENSIONS – inches (mm)**



Model No.		A	B	C	D	E	F	G	H	J	K	L
HS25-211 HS25-261	in.	27-7/8	25-7/8	29-7/8	7-1/4	22-7/16	14-7/16	22-1/8	1-7/8	2-7/8	5-1/2	4-1/2
	mm	708	657	759	184	570	367	562	48	73	140	114
HS25-311 HS25-411-413 HS25-461-463	in.	30-7/8	32-1/8	34-1/16	8-1/4	26-5/8	18-5/8	28-1/8	2	3-7/8	7-1/2	4-1/2
	mm	784	816	865	210	676	473	714	51	98	191	114
HS25-511-513 HS25-651-653	in.	40-7/8	32-1/8	34-1/16	15-1/4	26-5/8	18-5/8	28-1/8	2	3-7/8	7-1/2	8-1/2
	mm	1038	816	865	387	676	473	714	51	98	191	216

**RATINGS**

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

**HS25-211 — C26-21(FC)**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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 (17.2°C)	235	500	5.5	18,600	1260	.70	.84	.95	5.2	17,900	1400	.70	.85	.96	5.1	17,300	1580	.71	.87	.98	4.9	16,600	1800	.72	.88	.99
	330	700	5.9	20,100	1250	.76	.93	1.00	5.7	19,400	1400	.77	.95	1.00	5.5	18,700	1570	.79	.96	1.00	5.2	17,900	1800	.80	.98	1.00
	425	900	6.2	21,200	1250	.83	.99	1.00	6.0	20,400	1400	.84	1.00	1.00	5.8	19,700	1570	.86	1.00	1.00	5.6	19,000	1800	.87	1.00	1.00
67°F (19.4°C)	235	500	5.7	19,500	1250	.55	.69	.81	5.5	18,800	1400	.56	.70	.82	5.3	18,100	1570	.56	.71	.83	5.1	17,400	1800	.57	.72	.85
	330	700	6.2	21,100	1250	.59	.75	.90	6.0	20,400	1400	.60	.77	.91	5.7	19,600	1570	.61	.78	.93	5.5	18,800	1800	.62	.80	.95
	425	900	6.5	22,100	1250	.64	.82	.99	6.2	21,300	1400	.64	.83	1.00	6.0	20,500	1580	.65	.85	1.00	5.7	19,600	1800	.66	.87	1.00
71°F (21.7°C)	235	500	5.9	20,300	1250	.42	.55	.69	5.7	19,600	1390	.42	.56	.69	5.6	19,000	1570	.42	.57	.70	5.3	18,200	1800	.43	.57	.71
	330	700	6.5	22,100	1250	.44	.60	.75	6.2	21,300	1400	.44	.60	.76	6.0	20,500	1580	.44	.61	.77	5.8	19,700	1800	.44	.62	.78
	425	900	6.8	23,200	1260	.45	.63	.81	6.6	22,400	1400	.46	.64	.83	6.3	21,500	1580	.46	.66	.84	6.0	20,600	1810	.46	.67	.86

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

**HS25-211 — C23-26(W)(FC)**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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 (17.2°C)	235	500	5.6	19,000	1260	.68	.83	.93	5.4	18,400	1400	.69	.84	.94	5.2	17,700	1580	.70	.85	.96	5.0	17,100	1800	.71	.87	.97
	330	700	6.0	20,600	1250	.75	.91	1.00	5.8	19,800	1400	.76	.93	1.00	5.6	19,100	1570	.77	.95	1.00	5.4	18,400	1800	.79	.96	1.00
	425	900	6.4	21,700	1250	.82	.98	1.00	6.0	20,600	1400	.83	1.00	1.00	5.9	20,100	1570	.85	1.00	1.00	5.7	19,300	1800	.86	1.00	1.00
67°F (19.4°C)	235	500	5.8	19,900	1250	.54	.68	.80	5.7	19,300	1400	.55	.69	.81	5.5	18,600	1570	.55	.70	.82	5.2	17,900	1800	.56	.71	.83
	330	700	6.3	21,600	1250	.59	.74	.88	6.1	20,900	1400	.59	.75	.90	5.9	20,100	1570	.60	.77	.91	5.7	19,300	1800	.61	.78	.93
	425	900	6.7	22,700	1250	.63	.80	.97	6.4	21,900	1400	.63	.81	.99	6.2	21,000	1580	.64	.83	1.00	5.9	20,100	1800	.65	.85	1.00
71°F (21.7°C)	235	500	6.1	20,800	1250	.41	.55	.67	5.9	20,100	1390	.42	.56	.68	5.7	19,400	1570	.42	.56	.69	5.5	18,600	1800	.42	.57	.70
	330	700	6.6	22,600	1250	.43	.58	.74	6.4	21,800	1400	.43	.59	.75	6.2	21,000	1580	.44	.60	.76	5.9	20,300	1800	.44	.61	.77
	425	900	6.9	23,700	1260	.45	.62	.80	6.7	22,900	1400	.45	.63	.81	6.4	22,000	1580	.45	.64	.83	6.2	21,100	1810	.46	.65	.84

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

**HS25-211 — C26-26(W)(FC)**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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 (17.2°C)	235	500	5.6	19,000	1250	.69	.84	.94	5.4	18,300	1400	.70	.85	.96	5.2	17,700	1580	.71	.86	.97	5.0	16,900	1800	.72	.88	.99
	330	700	6.0	20,600	1250	.76	.93	1.00	5.8	19,900	1400	.77	.94	1.00	5.6	19,200	1570	.78	.96	1.00	5.4	18,400	1800	.80	.98	1.00
	425	900	6.4	21,800	1250	.83	1.00	1.00	6.2	21,000	1400	.84	1.00	1.00	5.9	20,200	1580	.85	1.00	1.00	5.7	19,500	1800	.87	1.00	1.00
67°F (19.4°C)	235	500	5.8	19,900	1250	.55	.69	.81	5.6	19,200	1390	.56	.70	.82	5.4	18,500	1570	.56	.71	.83	5.2	17,800	1800	.57	.72	.84
	330	700	6.3	21,600	1250	.59	.75	.90	6.1	20,800	1400	.60	.76	.91	5.9	20,000	1580	.61	.78	.93	5.6	19,200	1800	.62	.80	.94
	425	900	6.6	22,600	1260	.63	.81	.99	6.4	21,800	1400	.64	.83	1.00	6.2	21,000	1580	.65	.85	1.00	5.9	20,100	1810	.66	.87	1.00
71°F (21.7°C)	235	500	6.1	20,700	1250	.42	.55	.69	5.9	20,000	1390	.42	.56	.69	5.7	19,300	1570	.42	.56	.70	5.5	18,600	1800	.43	.57	.71
	330	700	6.6	22,600	1260	.44	.59	.75	6.4	21,700	1400	.44	.60	.76	6.1	20,900	1580	.44	.61	.77	5.9	20,100	1810	.44	.62	.78
	425	900	6.9	23,700	1260	.45	.63	.81	6.7	22,900	1400	.45	.64	.82	6.4	22,000	1580	.46	.65	.84	6.2	21,000	1810	.46	.67	.86

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

**HS25-211 — C26-21(FC)+G25MV3 — CR26-21+G25MV3**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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 (17.2°C)	235	500	5.7	19,300	1280	.71	.84	.96	5.5	18,600	1430	.72	.86	.97	5.2	17,900	1600	.73	.87	.98	5.0	17,200	1800	.74	.89	1.00
	330	700	6.0	20,500	1280	.79	.94	1.00	5.8	19,800	1430	.80	.95	1.00	5.6	19,100	1600	.82	.97	1.00	5.4	18,300	1800	.83	.99	1.00
	425	900	6.3	21,500	1280	.86	1.00	1.00	6.1	20,800	1430	.88	1.00	1.00	5.9	20,100	1600	.89	1.00	1.00	5.7	19,400	1800	.91	1.00	1.00
67°F (19.4°C)	235	500	6.0	20,600	1280	.56	.68	.81	5.8	19,900	1430	.56	.69	.82	5.6	19,200	1600	.57	.70	.83	5.4	18,400	1800	.58	.72	.85
	330	700	6.4	21,700	1280	.60	.76	.91	6.1	20,900	1430	.61	.78	.92	5.9	20,100	1600	.62	.79	.94	5.7	19,300	1800	.63	.81	.96
	425	900	6.6	22,400	1270	.65	.84	.98	6.3	21,600	1430	.66	.85	.99	6.1	20,800	1600	.67	.87	1.00	5.8	19,900	1800	.69	.89	1.00
71°F (21.7°C)	235	500	6.5	22,100	1270	.42	.54	.66	6.3	21,400	1430	.42	.55	.67	6.0	20,600	1600	.43	.55	.68	5.8	19,800	1800	.43	.56	.69
	330	700	6.8	23,200	1270	.44	.59	.74	6.6	22,400	1420	.44	.60	.75	6.3	21,500	1600	.45	.61	.77	6.1	20,700	1800	.45	.62	.78
	425	900	7.0	23,800	1270	.46	.64	.82	6.7	23,000	1420	.46	.65	.83	6.5	22,100	1600	.47	.66	.85	6.2	21,200	1800	.47	.68	.87

# RATINGS

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

## HS25-211 — CR26-21

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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	kW	Btuh	75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	285	600	5.5	18,900	1270	.76	.91	1.00	5.4	18,300	1410	.78	.92	1.00	5.1	17,500	1600	.79	.94	1.00	5.0	16,900	1820	.80	.95	1.00
	330	700	5.7	19,500	1280	.80	.94	1.00	5.5	18,900	1420	.81	.96	1.00	5.3	18,200	1600	.83	.98	1.00	5.1	17,500	1820	.84	.99	1.00
	370	800	5.9	20,100	1280	.83	.98	1.00	5.7	19,400	1420	.84	.99	1.00	5.5	18,600	1600	.86	1.00	1.00	5.2	17,900	1830	.88	1.00	1.00
67°F (19.4°C)	285	600	5.8	19,800	1280	.60	.74	.87	5.6	19,200	1420	.61	.75	.89	5.4	18,500	1600	.62	.76	.91	5.2	17,700	1830	.63	.78	.92
	330	700	6.0	20,400	1280	.62	.77	.92	5.8	19,800	1420	.63	.79	.93	5.6	19,000	1600	.64	.80	.95	5.4	18,300	1830	.65	.82	.97
	370	800	6.1	20,900	1290	.64	.80	.95	5.9	20,200	1430	.65	.82	.97	5.7	19,500	1610	.66	.84	.98	5.4	18,600	1840	.67	.86	1.00
71°F (21.7°C)	285	600	6.1	20,700	1280	.45	.59	.72	5.9	20,200	1430	.45	.59	.73	5.7	19,300	1610	.45	.60	.74	5.5	18,600	1840	.46	.61	.75
	330	700	6.2	21,300	1290	.46	.61	.75	6.0	20,600	1430	.46	.62	.76	5.8	19,900	1610	.47	.63	.78	5.6	19,100	1840	.47	.64	.80
	375	800	6.4	21,800	1300	.47	.63	.78	6.2	21,100	1440	.47	.64	.80	6.0	20,300	1620	.48	.65	.81	5.7	19,600	1840	.48	.66	.83

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

## HS25-211 — CR26-31

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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	kW	Btuh	75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	285	600	5.7	19,600	1280	.75	.90	1.00	5.5	18,900	1420	.76	.91	1.00	5.3	18,200	1600	.77	.92	1.00	5.1	17,400	1820	.79	.94	1.00
	330	700	5.9	20,200	1280	.78	.94	1.00	5.7	19,500	1420	.80	.95	1.00	5.5	18,700	1600	.81	.97	1.00	5.3	18,000	1830	.83	.99	1.00
	375	800	6.0	20,600	1280	.82	.98	1.00	5.8	19,900	1430	.83	.99	1.00	5.7	19,300	1600	.85	1.00	1.00	5.4	18,500	1830	.87	1.00	1.00
67°F (19.4°C)	285	600	6.1	20,700	1290	.59	.72	.86	5.9	20,000	1430	.60	.74	.87	5.7	19,300	1610	.60	.75	.89	5.4	18,500	1830	.61	.76	.91
	330	700	6.2	21,300	1290	.61	.76	.91	6.0	20,600	1430	.62	.77	.92	5.8	19,800	1610	.63	.79	.94	5.6	19,000	1840	.64	.80	.96
	375	800	6.4	21,800	1300	.63	.79	.94	6.2	21,000	1440	.64	.81	.96	5.9	20,200	1610	.65	.82	.98	2.7	19,400	1840	.66	.84	.99
71°F (21.7°C)	285	600	6.4	21,800	1300	.44	.57	.70	6.2	21,100	1440	.44	.58	.71	8.9	20,400	1620	.45	.59	.72	5.7	19,600	1840	.45	.60	.74
	330	700	6.6	22,500	1300	.45	.60	.73	6.4	21,700	1440	.45	.60	.75	6.1	20,900	1620	.46	.61	.76	5.9	20,100	1850	.46	.62	.78
	375	800	6.7	23,000	1310	.46	.62	.77	6.5	22,200	1450	.46	.63	.79	6.3	21,400	1630	.47	.64	.80	6.0	20,500	1860	.47	.65	.82

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

## HS25-211 — CH23-21

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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	kW	Btuh	75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	235	500	4.5	15,400	1260	.61	.74	.82	4.4	14,900	1400	.62	.75	.83	4.2	14,400	1580	.62	.76	.84	4.0	13,800	1800	.63	.77	.85
	305	650	5.5	18,900	1250	.72	.87	1.00	5.3	18,200	1390	.73	.89	1.00	5.2	17,600	1570	.74	.91	1.00	5.0	16,900	1800	.75	.93	1.00
	380	800	6.0	20,400	1250	.83	.98	1.00	5.8	19,700	1400	.84	1.00	1.00	5.6	19,100	1570	.86	1.00	1.00	5.4	18,500	1800	.87	1.00	1.00
67°F (19.4°C)	235	500	4.7	16,100	1260	.49	.62	.71	4.6	15,600	1400	.50	.62	.71	4.4	15,100	1580	.50	.63	.72	4.2	14,500	1800	.51	.64	.73
	305	650	5.8	19,800	1250	.56	.71	.85	5.7	19,300	1390	.57	.72	.86	5.5	18,600	1570	.57	.74	.87	5.2	17,800	1800	.58	.75	.89
	380	800	6.3	21,400	1250	.63	.79	.99	6.1	20,800	1390	.63	.81	1.00	5.9	20,000	1580	.64	.83	1.00	5.7	19,300	1800	.65	.86	1.00
71°F (21.7°C)	235	500	4.9	16,800	1260	.39	.51	.60	4.8	16,300	1400	.39	.51	.61	4.6	15,700	1570	.39	.51	.62	4.5	15,200	1800	.39	.52	.62
	305	650	6.1	20,700	1250	.41	.56	.71	5.9	20,100	1400	.41	.58	.72	5.7	19,400	1570	.42	.58	.73	5.5	18,700	1800	.42	.59	.74
	380	800	6.5	22,300	1250	.44	.61	.81	6.4	21,700	1390	.44	.63	.82	6.2	21,000	1580	.44	.64	.84	5.9	20,200	1810	.45	.66	.85

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

## HS25-211 — CH23-31

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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	kW	Btuh	75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	235	500	4.6	15,700	1260	.61	.74	.82	4.5	15,200	1400	.62	.75	.83	4.3	14,700	1580	.62	.76	.84	4.1	14,100	1800	.63	.77	.85
	305	650	5.7	19,300	1250	.72	.87	1.00	5.5	18,800	1390	.73	.89	1.00	5.3	18,100	1570	.74	.91	1.00	5.1	17,300	1800	.76	.94	1.00
	380	800	6.1	20,900	1250	.83	.98	1.00	5.9	20,300	1400	.85	1.00	1.00	5.8	19,700	1580	.86	1.00	1.00	5.6	19,000	1800	.87	1.00	1.00
67°F (19.4°C)	235	500	4.8	16,500	1260	.50	.62	.71	4.7	16,000	1400	.50	.62	.72	4.5	15,400	1580	.50	.63	.73	4.3	14,800	1790	.51	.64	.74
	305	650	5.9	20,300	1250	.56	.71	.85	5.8	19,800	1400	.57	.73	.86	5.6	19,000	1570	.57	.74	.88	5.4	18,300	1800	.58	.76	.89
	380	800	6.4	21,900	1250	.63	.79	1.00	6.2	21,300	1390	.64	.81	1.00	6.0	20,600	1580	.65	.84	1.00	5.8	19,800	1800	.66	.86	1.00
71°F (21.7°C)	235	500	5.0	17,200	1260	.39	.51	.61	4.9	16,700	1400	.39	.51	.61	4.7	16,100	1570	.39	.51	.62	4.5	15,500	1800	.39	.52	.63
	305	650	6.2	21,200	1250	.41	.57	.71	6.0	20,600	1400	.41	.58	.72	5.8	19,900	1570	.42	.58	.73	5.6	19,200	1800	.42	.59	.74
	380	800	6.7	22,900	1250	.44	.61	.81	6.5	22,300	1400															

# RATINGS

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

## HS25-211 — CB29M-21/26

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
	kW	Btuh	75°F 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 (17.2°C)	190	400	5.4	18,400	1280	.67	.79	.89	5.2	17,700	1430	.68	.80	.91	5.0	17,100	1610	.69	.81	.92	4.8	16,400	1810	.70	.82	.94
	285	600	5.8	19,900	1280	.75	.89	.99	5.6	19,200	1430	.76	.90	1.00	5.4	18,400	1600	.77	.92	1.00	5.2	17,700	1800	.79	.94	1.00
	375	800	6.1	20,800	1280	.82	.97	1.00	5.9	20,100	1430	.83	.98	1.00	5.7	19,400	1600	.85	.99	1.00	5.5	18,700	1800	.87	1.00	1.00
67°F (19.4°C)	190	400	5.8	19,700	1280	.54	.65	.75	5.6	19,000	1430	.54	.65	.76	5.4	18,300	1600	.55	.66	.77	5.2	17,600	1800	.55	.67	.79
	285	600	6.2	21,100	1280	.58	.72	.86	6.0	20,400	1430	.59	.73	.87	5.7	19,600	1600	.59	.74	.89	5.5	18,800	1800	.60	.76	.91
	375	800	6.4	21,900	1270	.62	.80	.95	6.2	21,100	1430	.63	.81	.96	5.9	20,300	1600	.64	.83	.98	5.7	19,500	1800	.65	.85	.99
71°F (21.7°C)	190	400	6.2	21,100	1280	.42	.52	.62	6.0	20,400	1430	.42	.52	.62	5.8	19,700	1600	.42	.53	.63	5.5	18,900	1800	.42	.53	.64
	285	600	6.6	22,600	1270	.43	.56	.69	6.4	21,800	1430	.43	.57	.71	6.2	21,000	1600	.43	.58	.72	5.9	20,100	1800	.44	.59	.73
	375	800	6.9	23,400	1270	.45	.61	.77	6.6	22,600	1420	.45	.62	.79	6.4	21,700	1600	.45	.63	.80	6.1	20,800	1800	.46	.64	.82

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

## HS25-211 — CB30M-21/26

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
	kW	Btuh	75°F 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 (17.2°C)	190	400	5.4	18,500	1280	.67	.78	.89	5.2	17,900	1430	.68	.79	.90	5.0	17,200	1610	.69	.80	.92	4.8	16,500	1810	.69	.82	.94
	285	600	5.9	20,200	1280	.74	.89	1.00	5.7	19,400	1430	.75	.90	1.00	5.5	18,700	1610	.77	.92	1.00	5.2	17,900	1810	.78	.94	1.00
	375	800	6.2	21,200	1280	.82	.98	1.00	6.0	20,500	1430	.83	.99	1.00	5.8	19,700	1600	.85	1.00	1.00	5.6	19,000	1810	.87	1.00	1.00
67°F (19.4°C)	190	400	5.8	19,900	1280	.54	.64	.74	5.6	19,200	1430	.54	.65	.75	5.4	18,500	1610	.55	.66	.77	5.2	17,700	1810	.55	.67	.78
	285	600	6.3	21,500	1280	.58	.72	.85	6.1	20,700	1430	.58	.73	.87	5.8	19,900	1600	.59	.74	.89	5.6	19,100	1810	.60	.76	.91
	375	800	6.6	22,400	1280	.62	.79	.95	6.3	21,600	1430	.63	.81	.97	6.1	20,700	1600	.64	.83	.98	5.8	19,800	1810	.66	.85	1.00
71°F (21.7°C)	190	400	6.3	21,400	1280	.42	.52	.61	6.1	20,700	1430	.42	.52	.62	5.8	19,900	1600	.42	.52	.63	5.6	19,100	1810	.42	.53	.64
	285	600	6.8	23,100	1270	.43	.56	.69	6.5	22,200	1430	.43	.57	.70	6.3	21,400	1600	.43	.57	.71	6.0	20,500	1800	.44	.58	.73
	375	800	7.0	23,900	1270	.45	.61	.77	6.8	23,100	1430	.45	.62	.79	6.5	22,100	1600	.45	.63	.80	6.2	21,200	1800	.46	.64	.82

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

## HS25-211 — CVP10-26/EC10Q3

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
	kW	Btuh	75°F 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 (17.2°C)	330	700	5.9	20,200	1270	.80	.96	1.00	5.7	19,500	1410	.81	.98	1.00	5.5	18,900	1580	.83	.99	1.00	5.3	18,200	1790	.85	1.00	1.00
	380	800	6.1	20,800	1280	.84	.99	1.00	5.9	20,200	1420	.85	1.00	1.00	5.7	19,600	1590	.87	1.00	1.00	5.5	18,900	1800	.89	1.00	1.00
	425	900	6.3	21,500	1290	.88	1.00	1.00	6.1	20,800	1420	.89	1.00	1.00	5.9	20,200	1600	.91	1.00	1.00	5.7	19,400	1820	.93	1.00	1.00
67°F (19.4°C)	330	700	6.3	21,400	1290	.62	.78	.93	6.0	20,600	1420	.63	.79	.95	5.8	19,800	1590	.64	.81	.96	5.6	19,100	1810	.65	.83	.98
	380	800	6.4	21,900	1290	.64	.82	.98	6.2	21,100	1430	.65	.83	.99	5.9	20,200	1600	.66	.85	1.00	5.7	19,400	1810	.67	.87	1.00
	425	900	6.5	22,200	1300	.67	.85	1.00	6.3	21,400	1430	.68	.87	1.00	6.0	20,600	1600	.69	.89	1.00	5.8	19,800	1820	.70	.91	1.00
71°F (21.7°C)	330	700	6.6	22,600	1300	.46	.61	.75	6.4	21,800	1440	.46	.61	.77	6.2	21,000	1610	.46	.62	.78	5.9	20,200	1830	.47	.63	.80
	380	800	6.8	23,100	1310	.47	.63	.80	6.5	22,300	1440	.47	.64	.81	6.3	21,500	1620	.47	.65	.83	6.0	20,500	1840	.48	.66	.84
	425	900	6.9	23,400	1310	.48	.66	.83	6.6	22,600	1450	.48	.67	.85	6.4	21,800	1630	.49	.68	.87	6.1	20,900	1840	.49	.69	.89

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

## HS25-261 — C26-21(FC)

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
	kW	Btuh	75°F 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 (17.2°C)	210	450	6.0	20,400	1460	.65	.78	.88	5.8	19,800	1650	.65	.79	.90	5.6	19,100	1850	.66	.80	.91	5.4	18,500	2050	.67	.81	.92
	285	600	6.5	22,200	1480	.70	.83	.97	6.3	21,500	1670	.71	.85	.99	6.1	20,700	1860	.72	.86	1.00	5.8	19,900	2060	.73	.88	1.00
	355	750	6.9	23,400	1490	.75	.89	1.00	6.7	22,700	1670	.76	.91	1.00	6.4	21,800	1870	.77	.93	1.00	6.1	20,900	2070	.79	.94	1.00
67°F (19.4°C)	210	450	6.3	21,400	1470	.51	.65	.76	6.1	20,700	1660	.52	.66	.77	5.9	20,000	1860	.52	.66	.78	5.7	19,300	2060	.53	.67	.79
	285	600	6.8	23,300	1490	.54	.69	.82	6.6	22,600	1670	.55	.70	.83	6.4	21,800	1870	.56	.71	.85	6.1	20,900	2070	.56	.72	.86
	355	750	7.2	24,600	1500	.57	.73	.89	7.0	23,800	1680	.58	.74	.90	6.7	22,900	1880	.59	.75	.92	6.4	22,000	2080	.60	.77	.94
71°F (21.7°C)	210	450	6.5	22,300	1480	.39	.53	.64	6.3	21,600	1670	.39	.53	.65	6.1	20,900	1860	.39	.54	.65	5.9	20,200	2060	.39	.54	.66
	285	600	7.2	24,400	1500	.40	.55	.69	6.9	23,500	1680	.40	.56	.70	6.7	22,700	1880	.40	.56	.70	6.4	21,900	2080	.41	.57	.72
	355	750	7.6	25,800	1510	.41	.58	.73	7.3	24,900	1690	.41	.58	.74	7.1	24,100	1890	.42	.59	.76	6.8	23,100	2090	.42	.60	.77

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

# RATINGS

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

## HS25-261 — C23-26(W)(FC)

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C
L/s	cfm	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input				
63°F (17.2°C)	285	600	6.5	22,300	1480	.68	.82	.93	6.3	21,600	1670	.69	.83	.94	6.1	20,800	1860	.70	.85	.96	5.9	20,000	2060	.71	.86	.97
	375	800	7.0	23,900	1490	.74	.89	1.00	6.8	23,100	1680	.75	.90	1.00	6.5	22,200	1870	.76	.92	1.00	6.3	21,400	2070	.77	.94	1.00
	470	1000	7.3	24,900	1500	.80	.96	1.00	7.1	24,200	1690	.81	.97	1.00	6.8	23,300	1880	.82	.98	1.00	6.5	22,200	2080	.84	1.00	1.00
67°F (19.4°C)	285	600	6.9	23,400	1490	.54	.68	.80	6.7	22,700	1680	.54	.69	.81	6.4	21,900	1870	.55	.70	.82	6.2	21,100	2070	.56	.71	.83
	375	800	7.4	25,200	1510	.57	.73	.87	7.1	24,300	1690	.58	.74	.88	6.9	23,500	1890	.59	.75	.90	6.6	22,500	2090	.59	.76	.91
	470	1000	7.7	26,400	1520	.61	.77	.94	7.5	25,500	1700	.62	.78	.96	7.2	24,500	1900	.62	.80	.98	6.9	23,500	2100	.63	.82	1.00
71°F (21.7°C)	285	600	7.2	24,400	1500	.41	.55	.67	6.9	23,700	1690	.41	.55	.68	6.7	22,800	1880	.41	.56	.69	6.4	22,000	2080	.41	.56	.70
	375	800	7.7	26,400	1520	.42	.57	.72	7.4	25,400	1700	.42	.58	.73	7.2	24,500	1900	.43	.59	.74	6.9	23,600	2100	.43	.60	.76
	470	1000	8.1	27,600	1530	.43	.60	.78	7.8	26,700	1720	.44	.61	.79	7.5	25,700	1920	.44	.62	.80	7.2	24,700	2120	.44	.63	.82

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

## HS25-261 — C23-31(W)(FC)

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C
L/s	cfm	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input				
63°F (17.2°C)	285	600	6.7	22,900	1480	.68	.82	.92	6.5	22,200	1670	.68	.83	.93	6.3	21,400	1860	.69	.84	.95	6.0	20,600	2060	.70	.86	.97
	375	800	7.2	24,600	1500	.73	.88	1.00	7.0	23,800	1680	.74	.90	1.00	6.7	22,900	1880	.75	.91	1.00	6.4	22,000	2080	.77	.93	1.00
	470	1000	7.5	25,700	1510	.78	.94	1.00	7.3	24,800	1690	.80	.96	1.00	7.0	23,900	1890	.82	.98	1.00	6.7	22,700	2090	.84	1.00	1.00
67°F (19.4°C)	285	600	7.1	24,100	1490	.54	.67	.79	6.8	23,300	1680	.54	.68	.80	6.6	22,500	1870	.55	.69	.81	6.3	21,600	2070	.55	.70	.82
	375	800	7.6	25,900	1510	.57	.72	.86	7.3	25,000	1690	.58	.73	.88	7.1	24,100	1890	.58	.74	.89	6.8	23,200	2090	.59	.76	.91
	470	1000	7.9	27,100	1520	.60	.77	.93	7.7	26,200	1710	.61	.78	.95	7.4	25,100	1900	.62	.79	.97	7.1	24,100	2110	.63	.81	.99
71°F (21.7°C)	285	600	7.4	25,100	1500	.41	.55	.67	7.1	24,300	1690	.41	.55	.67	6.9	23,500	1880	.41	.56	.68	6.6	22,600	2080	.41	.56	.69
	375	800	7.9	27,100	1520	.42	.57	.72	7.6	26,100	1710	.42	.58	.73	7.4	25,200	1900	.43	.59	.74	7.1	24,300	2110	.43	.60	.75
	470	1000	8.3	28,400	1530	.43	.60	.77	8.1	27,500	1720	.44	.61	.78	7.8	26,500	1920	.44	.62	.80	7.4	25,400	2130	.44	.63	.81

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

## HS25-261 — C23-41(W)(FC)

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C
L/s	cfm	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input				
63°F (17.2°C)	285	600	6.8	23,300	1490	.68	.82	.93	6.6	22,500	1670	.69	.83	.94	6.4	21,700	1870	.70	.84	.96	6.1	20,900	2060	.71	.86	.97
	375	800	7.3	25,000	1500	.74	.89	1.00	7.1	24,100	1680	.75	.90	1.00	6.8	23,300	1880	.76	.92	1.00	6.5	22,300	2080	.77	.94	1.00
	470	1000	7.6	26,000	1510	.80	.95	1.00	7.4	25,300	1690	.81	.97	1.00	7.2	24,400	1890	.82	.98	1.00	6.8	23,200	2090	.84	1.00	1.00
67°F (19.4°C)	285	600	7.2	24,400	1490	.54	.68	.79	6.9	23,700	1680	.54	.68	.80	6.7	22,800	1870	.55	.69	.82	6.4	22,000	2070	.56	.70	.83
	375	800	7.7	26,300	1510	.57	.72	.87	7.4	25,400	1700	.58	.74	.88	7.2	24,500	1890	.59	.75	.90	6.9	23,500	2090	.59	.76	.91
	470	1000	8.1	27,600	1520	.61	.77	.94	7.8	26,600	1710	.61	.78	.96	7.5	25,600	1910	.62	.80	.97	7.2	24,600	2110	.63	.82	.99
71°F (21.7°C)	285	600	7.5	25,500	1500	.41	.55	.67	7.2	24,700	1690	.41	.55	.68	7.0	23,900	1880	.41	.56	.69	6.7	22,900	2090	.41	.56	.70
	375	800	8.1	27,500	1520	.42	.57	.72	7.8	26,600	1710	.42	.58	.73	7.5	25,700	1910	.43	.59	.74	7.2	24,700	2110	.43	.60	.75
	470	1000	8.5	28,900	1540	.43	.60	.77	8.2	27,900	1720	.44	.61	.79	7.9	26,900	1920	.44	.62	.80	7.6	25,800	2130	.44	.63	.81

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

## HS25-261 — C26-26(W)(FC)

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C
L/s	cfm	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input				
63°F (17.2°C)	285	600	7.0	23,800	1490	.69	.83	.94	6.7	23,000	1670	.70	.84	.96	6.5	22,200	1870	.71	.86	.97	6.2	21,300	2060	.72	.87	.99
	375	800	7.5	25,500	1500	.75	.91	1.00	7.2	24,600	1680	.76	.92	1.00	6.9	23,700	1880	.77	.94	1.00	6.7	22,700	2080	.78	.96	1.00
	470	1000	7.8	26,700	1510	.81	.97	1.00	7.6	25,800	1700	.82	.99	1.00	7.3	24,900	1890	.83	1.00	1.00	7.0	23,900	2090	.85	1.00	1.00
67°F (19.4°C)	285	600	7.3	25,000	1490	.55	.68	.81	7.1	24,100	1680	.55	.69	.82	6.8	23,300	1870	.56	.70	.83	6.6	22,400	2070	.56	.71	.84
	375	800	7.9	26,900	1510	.58	.74	.88	7.6	25,900	1700	.59	.75	.89	7.3	25,000	1890	.60	.76	.91	7.0	24,000	2090	.60	.78	.93
	470	1000	8.3	28,200	1520	.62	.79	.95	8.0	27,200	1710	.62	.80	.97	7.6	26,100	1910	.63	.82	.99	7.3	25,000	2110	.64	.84	1.00
71°F (21.7°C)	285	600	7.6	26,000	1500	.41	.55	.68	7.4	25,200	1690	.42	.55	.69	7.1	24,300	1890	.42	.56	.70	6.9	23,400	2090	.42	.57	.71
	375	800	8.2	28,100	1520	.43	.58	.73	7.9	27,100	1710	.43	.59	.74	7.7	26,200	1910	.43	.60	.75	7.4	25,200	2110	.44	.61	.77
	470	1000	8.7																							

# RATINGS

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

## HS25-261 — C26-31(W)(FC)

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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 (17.2°C)	285	600	7.2	24,700	1490	.69	.83	.94	7.0	23,900	1680	.70	.84	.96	6.8	23,100	1870	.71	.85	.97	6.5	22,100	2070	.72	.87	.99
	375	800	7.7	26,400	1510	.75	.91	1.00	7.5	25,500	1690	.76	.92	1.00	7.2	24,600	1890	.77	.94	1.00	6.9	23,500	2090	.79	.96	1.00
	470	1000	8.1	27,600	1520	.81	.98	1.00	7.8	26,600	1700	.82	.99	1.00	7.5	25,600	1900	.84	1.00	1.00	7.2	24,700	2100	.85	1.00	1.00
67°F (19.4°C)	285	600	7.7	26,200	1500	.55	.68	.80	7.4	25,400	1690	.55	.69	.81	7.2	24,400	1880	.56	.70	.83	6.9	23,400	2090	.56	.71	.84
	375	800	8.2	28,100	1520	.58	.73	.88	7.9	27,000	1710	.59	.75	.89	7.6	26,100	1900	.59	.76	.91	7.3	25,000	2110	.60	.77	.93
	470	1000	8.6	29,400	1530	.62	.79	.95	8.3	28,300	1720	.62	.80	.97	7.9	27,100	1920	.63	.82	.99	7.6	26,000	2120	.64	.84	1.00
71°F (21.7°C)	285	600	8.1	27,700	1520	.41	.54	.68	7.9	26,800	1700	.41	.55	.68	7.6	25,800	1900	.42	.55	.69	7.3	24,800	2100	.42	.56	.70
	375	800	8.7	29,700	1540	.43	.58	.73	8.4	28,600	1730	.43	.58	.74	8.1	27,500	1920	.43	.59	.75	7.7	26,400	2130	.43	.60	.76
	470	1000	9.1	31,000	1550	.44	.61	.78	8.8	29,900	1740	.44	.62	.80	8.4	28,700	1940	.45	.63	.81	8.1	27,500	2150	.45	.64	.82

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

## HS25-261 — C26-41(FC)

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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 (17.2°C)	285	600	7.3	24,900	1490	.69	.83	.94	7.0	24,000	1680	.70	.84	.96	6.8	23,200	1870	.71	.85	.97	6.5	22,200	2070	.72	.87	.99
	375	800	7.8	26,600	1510	.75	.91	1.00	7.5	25,600	1690	.76	.93	1.00	7.2	24,700	1890	.77	.94	1.00	6.9	23,600	2090	.79	.97	1.00
	470	1000	8.1	27,800	1520	.81	.98	1.00	7.9	26,800	1700	.82	1.00	1.00	7.6	25,800	1900	.84	1.00	1.00	7.3	24,900	2110	.85	1.00	1.00
67°F (19.4°C)	285	600	7.7	26,400	1500	.55	.68	.81	7.5	25,500	1690	.55	.69	.82	7.2	24,600	1890	.56	.70	.83	6.9	23,600	2090	.56	.71	.84
	375	800	8.3	28,200	1520	.58	.74	.88	8.0	27,200	1710	.59	.75	.90	7.7	26,200	1900	.60	.76	.91	7.4	25,200	2110	.60	.78	.93
	470	1000	8.6	29,500	1530	.62	.79	.96	8.3	28,400	1720	.62	.81	.97	8.0	27,300	1920	.63	.82	.99	7.7	26,200	2130	.64	.84	1.00
71°F (21.7°C)	285	600	8.1	27,800	1520	.41	.54	.68	7.9	26,900	1700	.41	.55	.69	7.6	26,000	1900	.42	.55	.69	7.3	24,900	2110	.42	.56	.70
	375	800	8.7	29,800	1540	.43	.58	.73	8.4	28,800	1730	.43	.59	.74	8.1	27,700	1930	.43	.59	.75	7.8	26,600	2130	.44	.60	.76
	470	1000	9.1	31,200	1550	.44	.61	.78	8.8	30,100	1740	.44	.62	.80	8.5	28,900	1940	.45	.64	.81	8.1	27,700	2150	.45	.65	.83

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

## HS25-261 — C26-31(W)(FC)+G25MV3 — CR26-31+G25MV3

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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 (17.2°C)	285	600	7.2	24,600	1510	.70	.83	.95	6.9	23,700	1700	.71	.84	.96	6.7	22,800	1910	.72	.86	.98	6.4	21,900	2140	.73	.87	.99
	375	800	7.6	26,000	1510	.76	.91	1.00	7.3	25,000	1710	.78	.93	1.00	7.0	24,000	1920	.79	.95	1.00	6.8	23,100	2150	.81	.97	1.00
	470	1000	7.9	27,100	1520	.82	.98	1.00	7.6	26,100	1710	.84	.99	1.00	7.4	25,200	1930	.86	1.00	1.00	7.1	24,300	2160	.88	1.00	1.00
67°F (19.4°C)	285	600	7.7	26,400	1520	.56	.67	.79	7.4	25,400	1710	.56	.68	.81	7.2	24,400	1920	.56	.69	.82	6.9	23,500	2150	.57	.71	.84
	375	800	8.1	27,700	1530	.59	.74	.88	7.8	26,700	1720	.60	.75	.90	7.5	25,600	1930	.61	.77	.91	7.2	24,600	2170	.61	.78	.93
	470	1000	8.4	28,500	1530	.63	.80	.95	8.0	27,400	1730	.64	.82	.97	7.7	26,400	1940	.65	.84	.99	7.4	25,300	2180	.66	.85	1.00
71°F (21.7°C)	285	600	8.3	28,300	1530	.42	.53	.65	8.0	27,300	1720	.42	.54	.66	7.7	26,300	1940	.42	.55	.67	7.4	25,300	2180	.43	.55	.68
	375	800	8.7	29,600	1540	.43	.57	.71	8.4	28,500	1740	.44	.58	.72	8.0	27,400	1950	.44	.59	.74	7.7	26,300	2190	.44	.60	.76
	470	1000	8.9	30,500	1550	.45	.61	.78	8.6	29,300	1740	.45	.62	.79	8.2	28,100	1960	.46	.64	.81	7.9	27,000	2200	.46	.65	.83

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

## HS25-261 — C26-31(W)(FC)+G21V3

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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 (17.2°C)	285	600	7.2	24,700	1490	.70	.83	.95	6.9	23,700	1680	.71	.84	.96	6.7	22,800	1890	.72	.86	.98	6.4	21,900	2120	.73	.87	.99
	375	800	7.6	26,000	1500	.76	.91	1.00	7.4	25,100	1690	.78	.93	1.00	7.1	24,100	1900	.79	.95	1.00	6.8	23,200	2130	.81	.97	1.00
	470	1000	7.9	27,100	1510	.82	.98	1.00	7.6	26,100	1700	.84	.99	1.00	7.4	25,200	1910	.86	1.00	1.00	7.2	24,400	2140	.88	1.00	1.00
67°F (19.4°C)	285	600	7.7	26,400	1500	.56	.67	.79	7.5	25,500	1690	.56	.68	.81	7.2	24,500	1900	.56	.69	.82	6.9	23,500	2130	.57	.71	.84
	375	800	8.1	27,700	1510	.59	.74	.88	7.8	26,700	1700	.60	.75	.90	7.5	25,600	1910	.61	.77	.91	7.2	24,600	2150	.61	.78	.93
	470	1000	8.4	28,600	1510	.63	.80	.95	8.1	27,500	1710	.64	.82	.97	7.7	26,400	1920	.65	.84	.99	7.4	25,300	2150	.66	.85	1.00
71°F (21.7°C)	285	600	8.3	28,400	1510	.42	.53	.65	8.0	27,400	1710	.42	.54	.66	7.7	26,300	1920	.42	.55	.67	7.4	25,300	2150	.43	.55	.68
	375	800	8.7	29,700	1530	.43	.57	.71	8.4	28,600	1720	.44	.58	.72	8.1	27,500	1930	.44	.59	.74	7.7	26,400	2170	.44	.60	.76
	470	1000	8.9	30,500	1530	.45	.61	.78	8.6	29,400	1720	.45	.62	.79	8.3	28,200	1940	.46	.64	.81	7.9	27,100	2170	.46	.65	.83

NOTE — All values are gross capacities and do not include evaporator coil

# RATINGS

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

## HS25-261 — CR26-21

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C
L/s	cfm	kW	Btuh				kW	Btuh				kW	Btuh				kW	Btuh				kW	Btuh			
63°F (17.2°C)	330	700	6.5	22,200	1510	.75	.89	.99	6.3	21,400	1700	.76	.91	1.00	6.1	20,700	1900	.78	.92	1.00	5.8	19,800	2090	.79	.94	1.00
	400	850	6.8	23,100	1520	.79	.94	1.00	6.5	22,300	1710	.81	.95	1.00	6.3	21,500	1900	.82	.97	1.00	6.0	20,600	2100	.84	.99	1.00
	470	1000	7.0	23,900	1530	.83	.98	1.00	6.8	23,100	1710	.84	.99	1.00	6.5	22,200	1910	.86	1.00	1.00	6.2	21,200	2110	.88	1.00	1.00
67°F (19.4°C)	330	700	6.8	23,300	1520	.59	.73	.85	6.6	22,500	1710	.60	.74	.87	6.4	21,700	1900	.61	.75	.89	6.1	20,900	2100	.62	.77	.91
	400	850	7.1	24,300	1530	.62	.77	.91	6.9	23,400	1720	.62	.78	.92	6.6	22,500	1910	.64	.80	.94	6.3	21,600	2110	.65	.81	.96
	470	1000	7.3	25,000	1540	.64	.80	.95	7.1	24,100	1720	.65	.82	.96	6.8	23,200	1920	.66	.84	.98	6.5	22,200	2120	.67	.86	.99
71°F (21.7°C)	330	700	7.1	24,400	1530	.44	.58	.70	6.9	23,600	1720	.45	.58	.71	6.7	22,700	1910	.45	.59	.73	6.4	21,800	2110	.45	.60	.74
	400	850	7.4	25,400	1540	.45	.60	.74	7.2	24,500	1730	.46	.61	.76	6.9	23,700	1930	.46	.62	.77	6.7	22,700	2130	.47	.63	.79
	470	1000	7.7	26,200	1550	.47	.63	.78	7.4	25,300	1740	.47	.64	.80	7.1	24,300	1930	.47	.65	.81	6.8	23,300	2130	.48	.66	.83

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

## HS25-261 — CR26-31

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C
L/s	cfm	kW	Btuh				kW	Btuh				kW	Btuh				kW	Btuh				kW	Btuh			
63°F (17.2°C)	330	700	6.8	23,200	1520	.74	.87	.99	6.6	22,400	1710	.75	.89	1.00	6.3	21,500	1900	.76	.90	1.00	6.0	20,600	2100	.77	.92	1.00
	400	850	7.1	24,200	1530	.78	.93	1.00	6.9	23,400	1720	.79	.94	1.00	6.6	22,400	1910	.80	.96	1.00	6.3	21,600	2110	.82	.98	1.00
	470	1000	7.3	25,000	1540	.81	.97	1.00	7.1	24,100	1720	.83	.99	1.00	6.8	23,100	1920	.85	1.00	1.00	6.5	22,300	2120	.87	1.00	1.00
67°F (19.4°C)	330	700	7.2	24,700	1540	.58	.71	.83	7.0	23,800	1720	.59	.72	.85	6.7	22,900	1920	.59	.73	.87	6.4	22,000	2120	.60	.75	.89
	400	850	7.5	25,700	1550	.60	.75	.89	7.3	24,800	1730	.61	.76	.91	7.0	23,800	1930	.62	.78	.93	6.7	22,800	2130	.63	.80	.95
	470	1000	7.8	26,500	1550	.63	.79	.94	7.5	25,500	1740	.64	.80	.96	7.2	24,500	1940	.65	.82	.98	6.9	23,400	2140	.66	.84	.99
71°F (21.7°C)	330	700	7.6	26,100	1550	.44	.56	.68	7.4	25,200	1740	.44	.57	.69	7.1	24,300	1930	.44	.58	.71	6.8	23,300	2130	.45	.59	.72
	400	850	8.0	27,200	1560	.45	.59	.72	7.7	26,300	1750	.45	.60	.74	7.4	25,300	1950	.46	.61	.75	7.1	24,200	2150	.46	.62	.77
	470	1000	8.2	28,100	1570	.46	.61	.76	7.9	27,100	1760	.46	.62	.78	7.6	26,000	1960	.47	.64	.80	7.3	24,900	2170	.47	.65	.82

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

## HS25-261 — CR26-41(N)(W)

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C
L/s	cfm	kW	Btuh				kW	Btuh				kW	Btuh				kW	Btuh				kW	Btuh			
63°F (17.2°C)	330	700	6.9	23,700	1530	.73	.87	.99	6.7	22,800	1710	.74	.89	1.00	6.4	21,900	1900	.75	.91	1.00	6.2	21,000	2100	.77	.92	1.00
	400	850	7.2	24,700	1530	.77	.93	1.00	7.0	23,800	1720	.79	.95	1.00	6.7	22,800	1910	.80	.97	1.00	6.4	21,900	2110	.82	.98	1.00
	470	1000	7.5	25,500	1540	.81	.98	1.00	7.2	24,600	1730	.83	.99	1.00	6.9	23,700	1920	.85	1.00	1.00	6.7	22,700	2130	.87	1.00	1.00
67°F (19.4°C)	330	700	7.4	25,100	1540	.58	.71	.83	7.1	24,300	1730	.58	.72	.85	6.8	23,300	1920	.59	.73	.87	6.5	22,300	2120	.60	.74	.89
	400	850	7.7	26,200	1550	.60	.75	.89	7.4	25,200	1740	.61	.76	.91	7.1	24,300	1930	.62	.77	.93	6.8	23,200	2130	.63	.79	.95
	470	1000	7.9	27,000	1560	.62	.79	.95	7.6	26,000	1750	.63	.80	.96	7.3	24,900	1940	.64	.82	.98	7.0	23,800	2140	.66	.84	1.00
71°F (21.7°C)	330	700	7.8	26,600	1560	.43	.56	.68	7.5	25,700	1740	.44	.57	.69	7.2	24,700	1940	.44	.57	.70	6.9	23,700	2140	.44	.58	.72
	400	850	8.1	27,700	1570	.45	.59	.72	7.8	26,700	1760	.45	.59	.73	7.5	25,700	1960	.45	.60	.75	7.2	24,700	2160	.46	.61	.77
	470	1000	8.4	28,600	1580	.46	.61	.76	8.1	27,600	1770	.46	.62	.78	7.8	26,500	1970	.46	.63	.80	7.4	25,400	2170	.47	.64	.82

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

## HS25-261 — CH23-21

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C
L/s	cfm	kW	Btuh				kW	Btuh				kW	Btuh				kW	Btuh				kW	Btuh			
63°F (17.2°C)	235	500	6.2	21,000	1450	.65	.79	.88	5.9	20,200	1630	.66	.80	.89	5.7	19,400	1830	.67	.81	.91	5.5	18,700	2030	.68	.83	.92
	375	800	6.9	23,700	1470	.74	.89	1.00	6.7	22,800	1650	.75	.91	1.00	6.4	21,900	1850	.76	.93	1.00	6.1	20,900	2060	.78	.96	1.00
	520	1100	7.4	25,200	1480	.82	.98	1.00	7.1	24,100	1670	.84	1.00	1.00	6.8	23,300	1860	.85	1.00	1.00	6.6	22,500	2070	.87	1.00	1.00
67°F (19.4°C)	235	500	6.4	21,900	1450	.52	.65	.76	6.2	21,200	1640	.53	.66	.77	6.0	20,400	1840	.53	.67	.78	5.7	19,600	2040	.54	.68	.79
	375	800	7.3	24,900	1480	.57	.73	.87	7.0	24,000	1670	.58	.74	.88	6.8	23,100	1860	.59	.75	.90	6.5	22,200	2070	.59	.77	.91
	520	1100	7.8	26,500	1490	.62	.80	.98	7.5	25,600	1680	.63	.82	.99	7.2	24,600	1880	.64	.84	1.00	6.9	23,600	2080	.65	.86	1.00
71°F (21.7°C)	235	500	6.7	22,900	1460	.40	.52	.64	6.5	22,100	1650	.40	.53	.65	6.3	21,400	1850	.40	.54	.66	6.0	20,600	2050	.41	.55	.67
	375	800	7.6	26,000	1490	.42	.57	.72	7.4	25,100	1680	.42	.58	.73	7.1	24,200	1870	.43	.59	.74	6.8	23,300	2080	.43	.60	.76
	520	1100	8.1	27,700	1500	.44	.62	.80	7.9																	

# RATINGS

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

## HS25-261 — CH23-31

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C
63°F (17.2°C)	235	500	6.3	21,600	1450	.65	.79	.88	6.1	20,800	1630	.66	.80	.90	5.9	20,000	1830	.67	.81	.91	5.6	19,200	2040	.68	.83	.93
	375	800	7.2	24,400	1470	.74	.90	1.00	6.9	23,500	1660	.75	.92	1.00	6.6	22,600	1850	.76	.94	1.00	6.3	21,600	2060	.78	.96	1.00
	520	1100	7.6	26,000	1480	.83	.99	1.00	7.3	25,000	1670	.84	1.00	1.00	7.1	24,100	1870	.86	1.00	1.00	6.8	23,300	2080	.87	1.00	1.00
67°F (19.4°C)	235	500	6.6	22,600	1460	.53	.65	.76	6.4	21,800	1640	.53	.66	.77	6.2	21,000	1840	.53	.67	.78	5.9	20,200	2050	.54	.68	.79
	375	800	7.5	25,700	1480	.58	.73	.87	7.3	24,800	1670	.58	.74	.89	7.0	23,800	1860	.59	.76	.90	6.7	22,900	2070	.60	.77	.92
	520	1100	8.0	27,300	1500	.63	.81	.98	7.7	26,400	1680	.64	.82	1.00	7.4	25,300	1880	.65	.84	1.00	7.1	24,300	2090	.66	.87	1.00
71°F (21.7°C)	235	500	6.9	23,600	1460	.40	.52	.65	6.7	22,800	1650	.40	.53	.65	6.4	22,000	1850	.41	.54	.66	6.2	21,100	2050	.41	.55	.67
	375	800	7.9	26,800	1490	.42	.58	.73	7.6	25,900	1680	.43	.58	.74	7.3	25,000	1880	.43	.59	.75	7.0	24,000	2080	.43	.60	.76
	520	1100	8.4	28,600	1510	.44	.62	.81	8.1	27,700	1690	.45	.64	.82	7.8	26,600	1890	.45	.65	.83	7.5	25,500	2100	.45	.66	.85

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

## HS25-261 — CH23-41

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C
63°F (17.2°C)	235	500	6.4	21,900	1450	.66	.79	.89	6.2	21,100	1640	.67	.80	.90	5.9	20,300	1840	.68	.81	.92	5.7	19,500	2040	.68	.83	.93
	375	800	7.3	24,800	1480	.75	.90	1.00	6.9	23,600	1660	.76	.93	1.00	6.7	22,700	1860	.77	.95	1.00	6.4	21,700	2060	.79	.97	1.00
	520	1100	7.6	26,100	1490	.83	1.00	1.00	7.4	25,400	1680	.85	1.00	1.00	7.2	24,500	1880	.86	1.00	1.00	6.9	23,700	2080	.87	1.00	1.00
67°F (19.4°C)	235	500	6.8	23,200	1470	.53	.65	.76	6.6	22,400	1650	.53	.66	.77	6.3	21,600	1850	.54	.67	.78	6.1	20,700	2050	.54	.68	.80
	375	800	7.6	26,100	1490	.58	.73	.88	7.4	25,200	1680	.59	.75	.89	7.1	24,300	1870	.59	.76	.90	6.8	23,300	2080	.60	.78	.92
	520	1100	8.1	27,700	1500	.63	.81	.99	7.8	26,600	1690	.64	.83	1.00	7.5	25,600	1890	.65	.86	1.00	7.2	24,500	2090	.66	.88	1.00
71°F (21.7°C)	235	500	7.2	24,500	1480	.40	.52	.65	6.9	23,700	1660	.41	.53	.65	6.7	22,900	1860	.41	.53	.66	6.4	21,900	2070	.41	.54	.67
	375	800	8.1	27,500	1500	.42	.58	.73	7.8	26,600	1690	.43	.58	.74	7.5	25,700	1880	.43	.59	.75	7.2	24,600	2090	.43	.60	.76
	520	1100	8.5	29,000	1510	.45	.63	.81	8.2	28,100	1700	.45	.64	.82	7.9	27,100	1900	.45	.66	.84	7.6	25,900	2110	.46	.67	.85

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

## HS25-261 — CB29M-21/26

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C
63°F (17.2°C)	305	650	6.9	23,400	1520	.72	.85	.97	6.6	22,500	1710	.73	.87	.98	6.4	21,700	1920	.74	.88	.99	6.1	20,900	2150	.75	.90	1.00
	375	800	7.1	24,200	1520	.76	.91	1.00	6.8	23,300	1710	.78	.93	1.00	6.6	22,500	1930	.79	.94	1.00	6.4	21,700	2160	.80	.96	1.00
	450	950	7.3	24,900	1520	.81	.96	1.00	7.0	24,000	1720	.82	.97	1.00	6.8	23,200	1930	.84	.98	1.00	6.6	22,400	2170	.85	.99	1.00
67°F (19.4°C)	305	650	7.3	24,900	1520	.56	.69	.82	7.0	24,000	1720	.57	.70	.83	6.8	23,100	1930	.58	.71	.85	6.5	22,300	2170	.58	.73	.86
	375	800	7.5	25,700	1530	.59	.74	.88	7.2	24,700	1720	.60	.75	.90	7.0	23,800	1940	.61	.77	.91	6.7	22,900	2170	.61	.78	.93
	450	950	7.7	26,200	1530	.62	.78	.93	7.4	25,200	1730	.63	.80	.95	7.1	24,300	1940	.63	.82	.96	6.8	23,300	2180	.65	.83	.98
71°F (21.7°C)	305	650	7.8	26,600	1530	.42	.55	.67	7.5	25,700	1730	.43	.55	.68	7.2	24,700	1950	.43	.56	.69	7.0	23,800	2180	.43	.57	.70
	375	800	8.0	27,300	1540	.43	.57	.71	7.7	26,400	1740	.44	.58	.73	7.4	25,400	1950	.44	.59	.74	7.2	24,500	2190	.44	.60	.76
	450	950	8.2	27,900	1540	.44	.60	.76	7.9	26,900	1740	.45	.61	.78	7.6	25,900	1960	.45	.62	.79	7.3	24,900	2200	.46	.63	.81

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

## HS25-261 — CB29M-31

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C
63°F (17.2°C)	330	700	7.0	23,900	1520	.73	.87	.98	6.7	23,000	1710	.74	.89	.99	6.5	22,100	1920	.76	.90	1.00	6.2	21,300	2160	.77	.92	1.00
	375	800	7.2	24,400	1520	.76	.91	1.00	6.9	23,500	1720	.77	.92	1.00	6.6	22,600	1930	.79	.94	1.00	6.4	21,800	2160	.80	.96	1.00
	425	900	7.3	24,900	1530	.79	.94	1.00	7.0	24,000	1720	.81	.96	1.00	6.8	23,100	1930	.82	.97	1.00	6.5	22,300	2170	.84	.99	1.00
67°F (19.4°C)	330	700	7.4	25,400	1530	.57	.71	.84	7.2	24,500	1720	.58	.72	.85	6.9	23,600	1940	.58	.73	.87	6.7	22,700	2170	.59	.74	.89
	375	800	7.6	25,900	1530	.59	.74	.88	7.3	24,900	1730	.60	.75	.89	7.0	24,000	1940	.60	.76	.91	6.8	23,100	2180	.61	.78	.93
	425	900	7.7	26,300	1530	.61	.77	.91	7.4	25,300	1730	.61	.78	.93	7.1	24,300	1940	.62	.80	.95	6.9	23,400	2180	.63	.81	.96
71°F (21.7°C)	330	700	7.9	27,100	1540	.43	.55	.68	7.7	26,200	1740	.43	.56	.69	7.4	25,200	1950	.43	.57	.70	7.1	24,200	2190	.43	.58	.72
	375	800	8.1	27,600	1540	.43	.57	.71	7.8	26,600	1740	.44	.58	.72	7.5	25,600	1960	.44	.59	.74	7.2	24,700	2200	.44	.60	.75
	425	900	8.2	28,000	1550	.44	.59	.74	7.9	27,000	1740	.44														

# RATINGS

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

## HS25-261 — CB30M-21/26

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C
L/s	cfm	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input							
63°F (17.2°C)	330	700	7.3	24,800	1530	.73	.87	.98	7.0	23,800	1720	.74	.88	1.00	6.7	22,900	1930	.75	.90	1.00	6.4	22,000	2170	.77	.92	1.00
	375	800	7.4	25,400	1530	.76	.91	1.00	7.2	24,400	1720	.77	.92	1.00	6.9	23,500	1940	.79	.94	1.00	6.6	22,600	2170	.80	.96	1.00
	425	900	7.6	25,900	1530	.79	.94	1.00	7.3	24,900	1730	.81	.96	1.00	7.0	24,000	1940	.82	.98	1.00	6.8	23,100	2180	.84	.99	1.00
67°F (19.4°C)	330	700	7.7	26,400	1540	.57	.70	.83	7.5	25,500	1730	.58	.71	.85	7.2	24,500	1950	.58	.73	.87	6.9	23,500	2180	.59	.74	.88
	375	800	7.9	27,000	1540	.59	.73	.87	7.6	26,000	1740	.59	.75	.89	7.3	24,900	1950	.60	.76	.91	7.0	23,900	2190	.61	.78	.93
	425	900	8.0	27,400	1540	.61	.77	.91	7.7	26,400	1740	.61	.78	.93	7.4	25,300	1960	.62	.80	.95	7.1	24,300	2200	.63	.81	.97
71°F (21.7°C)	330	700	8.3	28,300	1550	.43	.55	.68	8.0	27,200	1750	.43	.56	.69	7.7	26,200	1960	.43	.57	.70	7.4	25,200	2200	.43	.57	.71
	375	800	8.4	28,800	1560	.43	.57	.71	8.1	27,800	1750	.44	.58	.72	7.8	26,700	1970	.44	.59	.74	7.5	25,600	2210	.44	.60	.75
	425	900	8.6	29,300	1560	.44	.59	.74	8.3	28,200	1760	.44	.60	.76	7.9	27,100	1970	.45	.61	.77	7.6	26,000	2210	.45	.62	.79

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

## HS25-261 — CB30M-31

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C
L/s	cfm	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input							
63°F (17.2°C)	285	600	7.3	24,900	1520	.70	.82	.94	7.0	24,000	1720	.71	.84	.96	6.7	23,000	1930	.72	.85	.97	6.5	22,100	2160	.73	.87	.99
	375	800	7.7	26,300	1530	.76	.91	1.00	7.4	25,300	1730	.77	.92	1.00	7.1	24,300	1940	.79	.94	1.00	6.9	23,400	2180	.80	.96	1.00
	470	1000	8.0	27,400	1540	.82	.98	1.00	7.7	26,400	1730	.84	.99	1.00	7.4	25,400	1950	.85	1.00	1.00	7.2	24,600	2190	.87	1.00	1.00
67°F (19.4°C)	285	600	7.8	26,700	1530	.55	.67	.79	7.5	25,700	1730	.56	.68	.80	7.2	24,700	1940	.56	.69	.82	7.0	23,800	2180	.57	.70	.83
	375	800	8.2	28,000	1550	.59	.73	.87	7.9	27,000	1740	.59	.75	.89	7.6	25,900	1950	.60	.76	.91	7.3	24,800	2190	.61	.78	.93
	470	1000	8.5	28,900	1550	.62	.80	.95	8.1	27,700	1750	.63	.81	.97	7.8	26,700	1960	.64	.83	.98	7.5	25,600	2200	.66	.85	1.00
71°F (21.7°C)	285	600	8.4	28,600	1550	.42	.53	.64	8.1	27,600	1750	.42	.54	.65	7.8	26,600	1960	.42	.54	.66	7.5	25,500	2200	.43	.55	.67
	375	800	8.8	30,000	1560	.43	.57	.71	8.5	28,900	1760	.43	.58	.72	8.1	27,800	1970	.44	.59	.73	7.8	26,700	2210	.44	.60	.75
	470	1000	9.0	30,800	1570	.45	.61	.77	8.7	29,700	1760	.45	.62	.79	8.4	28,500	1980	.45	.63	.81	8.0	27,300	2220	.46	.64	.82

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

## HS25-261 — CVP10-26/EC10Q3

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C
L/s	cfm	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input							
63°F (17.2°C)	330	700	7.2	24,600	1510	.75	.89	1.00	6.9	23,700	1700	.76	.91	1.00	6.7	22,700	1890	.78	.93	1.00	6.4	21,800	2080	.79	.95	1.00
	400	850	7.5	25,500	1520	.79	.95	1.00	7.2	24,600	1710	.81	.97	1.00	6.9	23,700	1900	.83	.99	1.00	6.7	22,800	2100	.85	1.00	1.00
	470	1000	7.8	26,500	1530	.84	1.00	1.00	7.5	25,600	1720	.86	1.00	1.00	7.2	24,700	1910	.87	1.00	1.00	7.0	23,800	2110	.90	1.00	1.00
67°F (19.4°C)	330	700	7.6	26,100	1530	.59	.72	.85	7.4	25,200	1710	.59	.73	.87	7.1	24,300	1910	.60	.75	.89	6.8	23,300	2100	.61	.76	.91
	400	850	8.0	27,200	1540	.61	.77	.92	7.7	26,200	1720	.62	.78	.93	7.4	25,200	1920	.63	.80	.96	7.1	24,100	2110	.65	.82	.98
	470	1000	8.2	27,900	1550	.64	.81	.97	7.9	26,900	1730	.65	.83	.99	7.6	25,800	1930	.67	.85	1.00	7.2	24,600	2130	.68	.88	1.00
71°F (21.7°C)	330	700	8.1	27,800	1540	.44	.57	.70	7.9	26,900	1730	.44	.58	.71	7.6	25,800	1930	.44	.58	.72	7.2	24,700	2130	.45	.60	.74
	400	850	8.5	28,900	1560	.45	.60	.74	8.1	27,800	1740	.45	.61	.76	7.8	26,700	1940	.46	.62	.77	7.5	25,700	2140	.46	.63	.79
	470	1000	8.7	29,700	1570	.46	.63	.79	8.4	28,600	1750	.46	.64	.81	8.1	27,500	1950	.47	.65	.82	7.7	26,300	2160	.48	.67	.85

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

## HS25-311 — C23-26(W)(FC)

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C
L/s	cfm	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input							
63°F (17.2°C)	285	600	8.3	28,200	1900	.64	.78	.88	8.0	27,400	2090	.65	.79	.89	7.7	26,400	2340	.66	.80	.91	7.5	25,500	2640	.67	.81	.92
	375	800	8.9	30,500	1920	.70	.83	.97	8.6	29,500	2120	.71	.85	.98	8.4	28,500	2370	.72	.86	1.00	8.0	27,400	2690	.73	.88	1.00
	470	1000	9.4	32,100	1930	.75	.89	1.00	9.1	31,100	2130	.76	.90	1.00	8.8	29,900	2380	.77	.92	1.00	8.4	28,600	2690	.79	.94	1.00
67°F (19.4°C)	285	600	8.6	29,500	1910	.51	.65	.75	8.4	28,600	2110	.52	.66	.76	8.1	27,700	2350	.52	.66	.77	7.8	26,700	2660	.53	.67	.79
	375	800	9.4	32,000	1930	.54	.69	.82	9.1	31,000	2130	.55	.70	.83	8.8	29,900	2380	.55	.71	.85	8.4	28,700	2690	.56	.72	.86
	470	1000	9.9	33,800	1940	.57	.72	.89	9.6	32,600	2140	.58	.73	.90	9.2	31,400	2400	.59	.75	.92	8.8	30,100	2710	.60	.76	.94
71°F (21.7°C)	285	600	9.0	30,700	1920	.39	.53	.64	8.8	29,900	2120	.39	.53	.64	8.5	28,900	2370	.39	.54	.65	8.1	27,800	2680	.39	.54	.66
	375	800	9.8	33,400	1940	.40	.55	.68	9.5	32,300	2140	.40	.56	.69	9.1	31,200	2400	.40	.56	.70	8.8	30,000	2710	.41	.57	.71
	470	1000	10.3	35,200	1950	.41	.57	.73	10.0	34,000	2170	.														

**RATINGS**

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

**HS25-311 — C26-26(W)(FC)**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C		
63°F (17.2°C)	285	600	8.4	28,700	1900	.65	.79	.89	8.1	27,800	2100	.66	.80	.90	7.9	26,800	2340	.67	.81	.92	7.6	25,800	2650	.68	.82	.93
	375	800	9.1	31,000	1920	.71	.85	.98	8.8	30,000	2120	.72	.86	1.00	8.5	28,900	2370	.73	.87	1.00	8.1	27,700	2680	.74	.89	1.00
	470	1000	9.6	32,600	1930	.76	.91	1.00	9.2	31,500	2140	.77	.92	1.00	8.9	30,300	2390	.78	.94	1.00	8.5	29,100	2700	.80	.96	1.00
67°F (19.4°C)	285	600	8.8	30,000	1910	.52	.65	.77	8.5	29,000	2110	.52	.66	.77	8.2	28,100	2360	.53	.67	.78	7.9	27,100	2670	.53	.68	.80
	375	800	9.5	32,500	1930	.55	.70	.83	9.2	31,500	2140	.56	.70	.84	8.9	30,300	2390	.56	.72	.86	8.5	29,100	2700	.57	.73	.87
	470	1000	10.1	34,300	1950	.58	.74	.90	9.7	33,200	2150	.59	.75	.91	9.3	31,900	2410	.60	.76	.93	9.0	30,600	2730	.60	.78	.95
71°F (21.7°C)	285	600	9.1	31,200	1920	.39	.53	.65	8.9	30,300	2120	.39	.54	.65	8.6	29,300	2370	.39	.54	.66	8.3	28,200	2690	.40	.55	.67
	375	800	9.9	33,900	1940	.40	.56	.69	9.6	32,800	2150	.41	.56	.70	9.3	31,700	2400	.41	.57	.71	8.9	30,400	2720	.41	.58	.72
	470	1000	10.5	35,800	1970	.42	.58	.74	10.1	34,600	2160	.42	.59	.75	9.8	33,300	2420	.42	.60	.77	9.4	32,000	2750	.43	.61	.78

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

**HS25-311 — C23-31(W)(FC)**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C		
63°F (17.2°C)	375	800	8.7	29,800	1920	.69	.83	.94	8.4	28,800	2120	.69	.84	.95	8.1	27,800	2370	.70	.85	.97	7.8	26,700	2680	.71	.87	.98
	470	1000	9.2	31,400	1930	.73	.88	1.00	8.9	30,300	2130	.74	.89	1.00	8.6	29,200	2380	.75	.91	1.00	8.2	28,000	2700	.77	.93	1.00
	565	1200	9.5	32,400	1940	.78	.93	1.00	9.2	31,400	2140	.79	.94	1.00	8.8	30,000	2400	.80	.96	1.00	8.4	28,800	2710	.82	.98	1.00
67°F (19.4°C)	375	800	9.1	31,200	1930	.54	.68	.80	8.9	30,200	2130	.55	.69	.81	8.6	29,200	2380	.55	.70	.82	8.2	28,000	2700	.56	.71	.84
	470	1000	9.6	32,900	1940	.57	.72	.86	9.3	31,800	2150	.57	.73	.87	9.0	30,700	2400	.58	.74	.89	8.6	29,500	2720	.59	.75	.90
	565	1200	10.0	34,200	1950	.60	.75	.92	9.7	33,000	2160	.60	.77	.93	9.3	31,600	2420	.61	.78	.95	8.9	30,400	2740	.62	.80	.97
71°F (21.7°C)	375	800	9.6	32,600	1940	.41	.55	.68	9.3	31,600	2150	.41	.56	.68	8.9	30,500	2400	.41	.56	.69	8.6	29,300	2720	.41	.57	.70
	470	1000	10.1	34,400	1950	.42	.57	.72	9.7	33,200	2160	.42	.58	.73	9.4	32,000	2420	.42	.59	.74	9.0	30,800	2740	.43	.59	.75
	565	1200	10.4	35,600	1960	.43	.59	.76	10.1	34,400	2170	.43	.60	.77	9.7	33,100	2430	.43	.61	.78	9.3	31,800	2770	.44	.62	.80

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

**HS25-311 — C23-41(W)(FC)**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C		
63°F (17.2°C)	375	800	8.8	29,900	1920	.69	.83	.94	8.5	29,000	2120	.70	.84	.96	8.2	28,000	2370	.71	.86	.97	7.9	26,900	2680	.72	.87	.99
	470	1000	9.3	31,600	1930	.73	.88	1.00	8.9	30,500	2140	.75	.90	1.00	8.6	29,400	2390	.76	.92	1.00	8.3	28,200	2700	.77	.94	1.00
	565	1200	9.6	32,700	1940	.78	.93	1.00	9.2	31,400	2150	.79	.95	1.00	8.9	30,200	2400	.81	.97	1.00	8.5	29,000	2720	.82	.99	1.00
67°F (19.4°C)	375	800	9.2	31,400	1930	.54	.69	.81	8.9	30,400	2140	.55	.69	.82	8.6	29,300	2390	.56	.70	.83	8.3	28,200	2700	.56	.72	.84
	470	1000	9.7	33,200	1950	.57	.72	.87	9.4	32,100	2150	.58	.73	.88	9.1	30,900	2410	.58	.74	.89	8.7	29,600	2730	.59	.76	.91
	565	1200	10.1	34,400	1950	.60	.76	.92	9.7	33,200	2160	.61	.77	.94	9.3	31,800	2420	.62	.79	.96	9.0	30,600	2740	.62	.80	.98
71°F (21.7°C)	375	800	9.6	32,800	1940	.41	.55	.68	9.3	31,800	2150	.41	.56	.69	9.0	30,700	2400	.41	.56	.70	8.6	29,500	2720	.42	.57	.71
	470	1000	10.2	34,700	1970	.42	.57	.72	9.8	33,500	2170	.42	.58	.73	9.4	32,200	2420	.42	.59	.74	9.1	31,000	2750	.43	.60	.75
	565	1200	10.5	35,900	1970	.43	.60	.76	10.2	34,700	2180	.43	.61	.78	9.8	33,400	2440	.44	.61	.79	9.3	31,900	2760	.44	.63	.80

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

**HS25-311 — C26-31(W)(FC)**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C		
63°F (17.2°C)	375	800	9.1	31,000	1930	.70	.84	.96	8.8	30,100	2130	.71	.86	.98	8.5	29,000	2380	.72	.87	.99	8.1	27,700	2700	.73	.89	1.00
	470	1000	9.6	32,700	1940	.75	.91	1.00	9.2	31,500	2150	.76	.92	1.00	8.8	30,100	2400	.77	.94	1.00	8.5	29,000	2720	.79	.96	1.00
	565	1200	9.9	33,700	1950	.80	.97	1.00	9.5	32,500	2160	.81	.98	1.00	9.1	31,200	2410	.83	.99	1.00	8.8	30,000	2730	.84	1.00	1.00
67°F (19.4°C)	375	800	9.6	32,900	1940	.55	.69	.82	9.3	31,800	2150	.56	.70	.83	9.0	30,600	2400	.57	.71	.84	8.6	29,300	2720	.57	.72	.86
	470	1000	10.1	34,600	1960	.58	.73	.88	9.8	33,300	2160	.59	.75	.90	9.4	32,000	2420	.60	.76	.91	9.0	30,600	2740	.60	.78	.93
	565	1200	10.5	35,700	1960	.61	.78	.94	10.1	34,300	2170	.62	.79	.96	9.7	33,000	2430	.63	.81	.98	9.2	31,500	2760	.64	.83	1.00
71°F (21.7°C)	375	800	10.1	34,600	1960	.42	.55	.69	9.8	33,400	2170	.42	.56	.70	9.4	32,200	2430	.42	.56	.71	9.1	30,900	2750	.42	.57	.72
	470	1000	10.7	36,400	1970	.43	.58	.73	10.3	35,100	2180	.43	.59	.74	9.9	33,700	2440	.43	.60	.75	9.5	32,300	2770	.44	.61	.77
	565	1200	11.0	37,500	1980	.44	.61	.78	10.6	36,100	2190	.44	.62	.79	10.2	34,700	2450	.45	.63	.80	9.7	3				

# RATINGS

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

## HS25-311 — C26-41(FC)

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C
L/s	cfm	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input				
63°F (17.2°C)	375	800	9.2	31,400	1930	.71	.85	.97	8.9	30,300	2130	.71	.86	.98	8.6	29,200	2380	.72	.87	1.00	8.2	28,000	2700	.74	.89	1.00
	470	1000	9.7	33,000	1940	.75	.91	1.00	9.3	31,800	2150	.76	.93	1.00	8.9	30,400	2400	.78	.95	1.00	8.6	29,300	2720	.79	.97	1.00
	565	1200	10.0	34,000	1950	.80	.97	1.00	9.6	32,700	2160	.81	.98	1.00	9.2	31,500	2410	.83	1.00	1.00	8.9	30,300	2740	.84	1.00	1.00
67°F (19.4°C)	375	800	9.7	33,200	1940	.56	.69	.82	9.4	32,000	2150	.56	.70	.83	9.0	30,800	2410	.57	.71	.85	8.7	29,600	2730	.57	.73	.86
	470	1000	10.2	34,900	1970	.58	.74	.88	9.8	33,600	2170	.59	.75	.90	9.5	32,300	2420	.60	.76	.91	9.1	30,900	2740	.61	.78	.93
	565	1200	10.5	35,900	1970	.61	.78	.95	10.1	34,600	2170	.62	.80	.96	9.8	33,300	2430	.63	.82	.98	9.3	31,800	2770	.64	.83	1.00
71°F (21.7°C)	375	800	10.2	34,900	1960	.42	.55	.69	9.9	33,700	2170	.42	.56	.70	9.5	32,500	2430	.42	.57	.71	9.1	31,100	2750	.42	.57	.72
	470	1000	10.8	36,700	1970	.43	.58	.74	10.4	35,400	2180	.43	.59	.75	10.0	34,000	2440	.43	.60	.76	9.6	32,600	2770	.44	.61	.77
	565	1200	11.1	37,800	1980	.44	.61	.78	10.7	36,500	2190	.44	.62	.79	10.3	35,000	2470	.45	.63	.81	9.8	33,500	2790	.45	.64	.82

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

## HS25-311 — C26-46(FC)

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C
L/s	cfm	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input				
63°F (17.2°C)	375	800	9.3	31,700	1890	.72	.85	.97	9.0	30,600	2120	.73	.86	.98	8.6	29,500	2350	.74	.88	1.00	8.3	28,300	2590	.75	.89	1.00
	470	1000	9.8	33,400	1900	.76	.91	1.00	9.4	32,200	2130	.78	.93	1.00	9.1	30,900	2360	.79	.95	1.00	8.7	29,700	2600	.80	.96	1.00
	565	1200	10.2	34,800	1910	.81	.97	1.00	9.8	33,600	2140	.82	.98	1.00	9.4	32,100	2370	.84	1.00	1.00	9.1	30,900	2620	.86	1.00	1.00
67°F (19.4°C)	375	800	9.7	33,200	1900	.57	.70	.81	9.4	32,000	2130	.58	.71	.83	9.1	30,900	2360	.59	.72	.84	8.7	29,600	2600	.59	.73	.86
	470	1000	10.3	35,000	1910	.60	.74	.88	9.9	33,800	2140	.61	.75	.89	9.5	32,500	2370	.62	.77	.91	9.1	31,200	2620	.62	.78	.93
	565	1200	10.7	36,500	1920	.62	.78	.94	10.3	35,100	2150	.63	.80	.95	9.9	33,700	2380	.64	.82	.97	9.5	32,300	2630	.65	.83	.99
71°F (21.7°C)	375	800	10.1	34,500	1910	.44	.56	.67	9.8	33,400	2140	.44	.56	.68	9.4	32,200	2370	.44	.57	.69	9.1	30,900	2620	.44	.58	.70
	470	1000	10.7	36,500	1920	.45	.59	.72	10.3	35,200	2150	.45	.59	.73	9.9	33,900	2380	.45	.60	.74	9.5	32,500	2630	.46	.61	.76
	565	1200	11.1	38,000	1930	.46	.61	.76	10.7	36,600	2150	.46	.62	.78	10.3	35,200	2390	.46	.63	.79	9.9	33,700	2640	.47	.65	.81

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

## HS25-311 — C26-41(FC)+G25MV3 — CR26-41(N)(W)+G25MV3

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C
L/s	cfm	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input				
63°F (17.2°C)	375	800	9.1	31,100	1860	.71	.85	.96	8.8	30,000	2100	.72	.86	.98	8.4	28,800	2370	.74	.88	.99	8.1	27,600	2670	.75	.90	1.00
	470	1000	9.5	32,400	1860	.76	.91	1.00	9.1	31,200	2110	.78	.93	1.00	8.8	29,900	2380	.79	.95	1.00	8.4	28,700	2670	.81	.97	1.00
	565	1200	9.8	33,500	1860	.81	.97	1.00	9.4	32,200	2110	.83	.98	1.00	9.1	31,000	2380	.85	1.00	1.00	8.7	29,800	2680	.87	1.00	1.00
67°F (19.4°C)	375	800	9.8	33,300	1860	.56	.69	.81	9.4	32,000	2110	.57	.70	.83	9.0	30,700	2380	.57	.71	.84	8.6	29,400	2680	.58	.72	.86
	470	1000	10.1	34,500	1860	.59	.74	.88	9.7	33,100	2110	.60	.75	.90	9.3	31,700	2390	.61	.77	.92	8.9	30,300	2680	.62	.79	.94
	565	1200	10.4	35,400	1860	.62	.79	.94	9.9	33,900	2120	.63	.81	.96	9.5	32,400	2390	.64	.82	.98	9.1	31,000	2690	.65	.84	.99
71°F (21.7°C)	375	800	10.5	35,700	1860	.42	.54	.66	10.1	34,300	2120	.43	.55	.67	9.6	32,900	2390	.43	.56	.68	9.2	31,500	2690	.43	.56	.70
	470	1000	10.8	36,900	1860	.43	.57	.71	10.4	35,400	2120	.44	.58	.73	9.9	33,900	2400	.44	.59	.74	9.5	32,500	2700	.44	.60	.76
	565	1200	11.1	37,800	1860	.44	.60	.76	10.6	36,200	2130	.45	.62	.78	10.1	34,600	2400	.45	.63	.80	9.7	33,000	2700	.46	.64	.82

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

## HS25-311 — C26-41(FC)+G21V3

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C
L/s	cfm	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input				
63°F (17.2°C)	375	800	9.3	31,600	1840	.71	.85	.96	8.9	30,400	2090	.72	.86	.98	8.6	29,200	2350	.74	.88	.99	8.2	28,000	2650	.75	.90	1.00
	470	1000	9.6	32,900	1840	.76	.91	1.00	9.3	31,600	2090	.78	.93	1.00	8.9	30,400	2360	.79	.95	1.00	8.5	29,100	2650	.81	.97	1.00
	565	1200	10.0	34,000	1840	.81	.97	1.00	9.6	32,700	2090	.83	.98	1.00	9.2	31,400	2360	.85	1.00	1.00	8.9	30,200	2660	.87	1.00	1.00
67°F (19.4°C)	375	800	9.9	33,800	1850	.56	.69	.81	9.5	32,500	2100	.57	.70	.83	9.1	31,200	2360	.57	.71	.84	8.8	29,900	2660	.58	.72	.86
	470	1000	10.3	35,000	1850	.59	.74	.88	9.8	33,600	2100	.60	.75	.90	9.4	32,200	2370	.61	.77	.92	9.0	30,800	2660	.62	.79	.94
	565	1200	10.5	35,900	1850	.62	.79	.94	10.1	34,400	2100	.63	.81	.96	9.6	32,900	2370	.64	.82	.98	9.2	31,500	2670	.65	.84	.99
71°F (21.7°C)	375	800	10.6	36,300	1840	.42	.54	.66	10.2	34,800	2100	.43	.55	.67	9.8	33,400	2380	.43	.56	.68	9.4	32,000	2670	.43	.56	.70
	470	1000	11.0	37,500	1850	.43	.57	.71	10.5	35,900	2110	.44	.58	.73	10.1	34,400	2380	.44	.59	.74						

# RATINGS

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

## HS25-311 — CR26-31

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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 (17.2°C)	415	875	8.6	29,500	1900	.72	.86	.99	8.3	28,400	2100	.73	.88	1.00	8.0	27,300	2350	.74	.90	1.00	7.7	26,200	2650	.76	.92	1.00
	470	1000	8.8	30,200	1910	.75	.90	1.00	8.6	29,200	2110	.76	.92	1.00	8.2	28,100	2360	.77	.94	1.00	7.9	27,000	2670	.79	.96	1.00
	530	1125	9.1	31,000	1910	.77	.94	1.00	8.8	29,900	2120	.79	.95	1.00	8.4	28,800	2360	.80	.97	1.00	8.1	27,500	2680	.82	.99	1.00
67°F (19.4°C)	415	875	9.1	31,200	1920	.57	.70	.82	8.8	30,200	2120	.58	.71	.84	8.5	29,100	2370	.58	.72	.86	8.1	27,800	2680	.59	.73	.88
	470	1000	9.4	32,100	1920	.59	.72	.86	9.1	31,000	2130	.59	.73	.88	8.7	29,800	2380	.60	.75	.90	8.4	28,600	2690	.61	.76	.92
	530	1125	9.6	32,800	1930	.60	.75	.90	9.3	31,600	2130	.61	.76	.92	8.9	30,400	2390	.62	.78	.94	8.5	29,100	2700	.63	.80	.96
71°F (21.7°C)	415	875	9.7	33,000	1930	.43	.55	.67	9.4	31,900	2130	.43	.56	.68	9.0	30,700	2390	.44	.57	.69	8.6	29,500	2710	.44	.58	.71
	470	1000	9.9	33,900	1940	.44	.57	.70	9.6	32,700	2140	.44	.58	.71	9.2	31,500	2400	.44	.59	.72	8.9	30,200	2720	.45	.60	.74
	530	1125	10.1	34,600	1940	.44	.59	.72	9.8	33,400	2150	.45	.60	.74	9.4	32,200	2410	.45	.60	.75	9.0	30,800	2730	.45	.62	.77

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

## HS25-311 — CR26-41(N)(W)

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C
63°F (17.2°C)	415	875	8.9	30,200	1910	.73	.87	.99	8.5	29,100	2110	.74	.88	1.00	8.2	28,000	2360	.75	.90	1.00	7.9	26,900	2670	.77	.92	1.00
	470	1000	9.1	31,000	1920	.76	.91	1.00	8.8	30,000	2120	.77	.92	1.00	8.5	28,900	2370	.78	.94	1.00	8.1	27,600	2680	.80	.96	1.00
	530	1125	9.3	31,800	1920	.78	.94	1.00	9.0	30,700	2120	.80	.96	1.00	8.6	29,400	2370	.81	.98	1.00	8.3	28,300	2690	.83	.99	1.00
67°F (19.4°C)	415	875	9.4	32,000	1920	.58	.70	.83	9.1	31,000	2120	.58	.71	.85	8.7	29,800	2380	.59	.73	.86	8.4	28,600	2690	.60	.74	.89
	470	1000	9.7	33,000	1930	.59	.73	.87	9.3	31,800	2130	.60	.74	.89	9.0	30,600	2390	.61	.76	.91	8.6	29,300	2710	.62	.77	.93
	530	1125	9.9	33,700	1930	.61	.76	.91	9.5	32,500	2140	.62	.77	.93	9.1	31,200	2400	.63	.79	.95	8.8	29,900	2720	.64	.81	.97
71°F (21.7°C)	415	875	9.9	33,800	1930	.44	.56	.68	9.6	32,700	2140	.44	.57	.69	9.2	31,500	2400	.44	.57	.70	8.9	30,200	2720	.44	.58	.72
	470	1000	10.2	34,800	1940	.44	.58	.71	9.8	33,600	2150	.44	.58	.72	9.5	32,300	2410	.45	.59	.73	9.1	31,000	2730	.45	.60	.75
	530	1125	10.4	35,500	1950	.45	.59	.73	10.1	34,300	2160	.45	.60	.75	9.7	33,000	2420	.46	.61	.76	9.3	31,600	2740	.46	.62	.78

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

## HS25-311 — CH23-21

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C
63°F (17.2°C)	330	700	8.0	27,300	1930	.67	.81	.91	7.7	26,400	2160	.68	.82	.92	7.4	25,400	2400	.69	.84	.94	7.2	24,400	2650	.70	.85	.95
	470	1000	8.7	29,800	1950	.74	.89	1.00	8.4	28,700	2180	.75	.91	1.00	8.1	27,600	2430	.76	.93	1.00	7.7	26,300	2670	.78	.96	1.00
	615	1300	9.1	31,100	1960	.81	.96	1.00	8.8	30,100	2190	.82	.98	1.00	8.4	28,800	2430	.84	1.00	1.00	8.1	27,700	2680	.85	1.00	1.00
67°F (19.4°C)	330	700	8.4	28,600	1940	.53	.66	.78	8.1	27,700	2170	.54	.67	.79	7.9	26,800	2420	.54	.68	.80	7.5	25,700	2670	.55	.70	.81
	470	1000	9.2	31,300	1960	.57	.73	.87	8.9	30,200	2190	.58	.74	.88	8.5	29,100	2440	.59	.75	.90	8.2	27,900	2690	.60	.77	.91
	615	1300	9.7	33,000	1970	.62	.78	.96	9.3	31,700	2200	.62	.80	.98	9.0	30,600	2450	.63	.82	.99	8.6	29,300	2700	.64	.84	1.00
71°F (21.7°C)	330	700	8.8	29,900	1950	.41	.53	.66	8.5	28,900	2180	.41	.54	.67	8.2	27,900	2430	.41	.54	.68	7.9	26,800	2680	.41	.55	.68
	470	1000	9.6	32,700	1970	.42	.57	.72	9.2	31,500	2200	.42	.58	.73	8.9	30,400	2450	.43	.59	.75	8.6	29,200	2700	.43	.60	.76
	615	1300	10.1	34,400	1980	.44	.61	.79	9.7	33,200	2210	.44	.62	.80	9.4	32,000	2460	.44	.63	.81	9.0	30,600	2710	.45	.65	.83

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

## HS25-311 — CH23-31

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C
63°F (17.2°C)	330	700	8.1	27,700	1930	.67	.81	.91	7.9	26,800	2160	.68	.82	.93	7.6	25,800	2410	.69	.84	.94	7.2	24,700	2660	.70	.86	.96
	470	1000	8.9	30,300	1950	.74	.90	1.00	8.6	29,200	2180	.75	.92	1.00	8.2	28,000	2430	.76	.94	1.00	7.8	26,700	2670	.78	.96	1.00
	615	1300	9.3	31,700	1960	.81	.97	1.00	9.0	30,600	2190	.82	.99	1.00	8.6	29,300	2440	.84	1.00	1.00	8.3	28,200	2690	.86	1.00	1.00
67°F (19.4°C)	330	700	8.5	29,100	1940	.54	.67	.78	8.2	28,100	2180	.54	.68	.79	7.9	27,100	2420	.55	.69	.81	7.6	26,000	2670	.55	.70	.82
	470	1000	9.3	31,800	1960	.58	.73	.87	9.0	30,700	2200	.58	.74	.89	8.6	29,500	2440	.59	.76	.90	8.3	28,300	2690	.60	.77	.92
	615	1300	9.8	33,500	1970	.62	.79	.96	9.5	32,300	2210	.63	.81	.98	9.1	31,100	2450	.64	.82	1.00	8.7	29,700	2700	.65	.85	1.00
71°F (21.7°C)	330	700	8.9	30,400	1950	.41	.53	.66	8.6	29,400	2190	.41	.54	.67	8.3	28,300	2430	.41	.55	.68	8.0	27,200	2680	.41	.56	.69
	470	1000	9.7	33,200	1970	.42	.58	.73	9.4	32,100	2210	.43	.58	.74	9.1	30,900	2450	.43	.59	.75	8.7	29,600	2700	.43	.60	.76
	615	1300	10.3	35,000	1980	.44	.62	.79	9.9	33,700	2220	.44	.63	.81	9.5	32,400										

# RATINGS

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

## HS25-311 — CH23-41

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C
63°F (17.2°C)	330	700	8.3	28,200	1940	.68	.81	.92	8.0	27,200	2170	.69	.83	.94	7.7	26,200	2420	.70	.84	.95	7.4	25,100	2670	.71	.86	.97
	470	1000	9.0	30,700	1960	.75	.91	1.00	8.6	29,400	2190	.76	.93	1.00	8.3	28,300	2440	.78	.95	1.00	7.9	27,100	2680	.79	.97	1.00
	615	1300	9.4	32,200	1970	.82	.99	1.00	9.1	31,000	2200	.83	1.00	1.00	8.8	29,900	2450	.85	1.00	1.00	8.4	28,700	2700	.86	1.00	1.00
67°F (19.4°C)	330	700	8.7	29,800	1950	.54	.67	.79	8.4	28,800	2190	.54	.68	.80	8.1	27,800	2430	.55	.69	.81	7.8	26,600	2680	.56	.70	.82
	470	1000	9.5	32,300	1970	.58	.74	.88	9.1	31,200	2200	.59	.75	.90	8.8	30,000	2450	.60	.77	.91	8.4	28,700	2700	.60	.78	.93
	615	1300	10.0	34,000	1980	.62	.80	.97	9.6	32,700	2210	.63	.82	.99	9.2	31,400	2460	.64	.84	1.00	8.8	30,100	2710	.65	.87	1.00
71°F (21.7°C)	330	700	9.2	31,500	1960	.41	.53	.67	8.9	30,400	2200	.41	.54	.67	8.6	29,300	2440	.41	.55	.68	8.3	28,200	2690	.42	.55	.69
	470	1000	10.0	34,100	1980	.43	.58	.73	9.6	32,900	2210	.43	.59	.74	9.3	31,600	2460	.43	.60	.75	8.9	30,300	2710	.44	.61	.77
	615	1300	10.4	35,600	1990	.44	.62	.80	10.1	34,500	2220	.45	.63	.81	9.7	33,100	2470	.45	.65	.83	9.3	31,600	2720	.46	.66	.84

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

## HS25-311 — CB29M-21/26

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C
63°F (17.2°C)	425	900	8.5	28,900	1820	.74	.88	.99	8.2	27,900	2050	.75	.90	1.00	7.9	27,000	2320	.76	.91	1.00	7.6	25,900	2610	.78	.93	1.00
	450	950	8.5	29,100	1820	.75	.90	1.00	8.3	28,200	2050	.76	.91	1.00	8.0	27,200	2320	.78	.93	1.00	7.6	26,100	2610	.79	.94	1.00
	470	1000	8.6	29,400	1820	.76	.91	1.00	8.3	28,400	2050	.78	.93	1.00	8.0	27,400	2320	.79	.94	1.00	7.7	26,300	2610	.81	.96	1.00
67°F (19.4°C)	425	900	9.0	30,700	1820	.58	.72	.85	8.7	29,600	2060	.58	.73	.87	8.4	28,500	2320	.59	.74	.88	8.0	27,400	2620	.60	.76	.90
	450	950	9.1	30,900	1820	.58	.73	.87	8.7	29,800	2060	.59	.74	.88	8.4	28,700	2330	.60	.75	.90	8.1	27,500	2620	.61	.77	.92
	470	1000	9.1	31,100	1820	.59	.74	.88	8.8	29,900	2060	.60	.75	.90	8.4	28,800	2330	.61	.77	.91	8.1	27,700	2620	.62	.78	.93
71°F (21.7°C)	425	900	9.6	32,600	1830	.43	.56	.69	9.2	31,500	2070	.43	.57	.70	8.9	30,300	2340	.43	.58	.72	8.5	29,100	2630	.44	.58	.73
	450	950	9.6	32,900	1830	.43	.57	.70	9.3	31,700	2070	.43	.58	.72	8.9	30,500	2340	.44	.58	.73	8.6	29,300	2630	.44	.59	.75
	470	1000	9.7	33,100	1830	.43	.58	.72	9.3	31,800	2070	.44	.58	.73	9.0	30,600	2340	.44	.59	.75	8.6	29,400	2630	.44	.60	.76

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

## HS25-311 — CB29M-31

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C
63°F (17.2°C)	425	900	9.0	30,700	1840	.74	.88	.99	8.7	29,600	2070	.75	.89	1.00	8.4	28,500	2340	.76	.91	1.00	8.0	27,400	2640	.78	.93	1.00
	470	1000	9.1	31,200	1830	.76	.91	1.00	8.8	30,100	2070	.78	.92	1.00	8.5	29,000	2340	.79	.94	1.00	8.2	27,900	2640	.81	.96	1.00
	520	1100	9.3	31,700	1840	.79	.94	1.00	9.0	30,600	2080	.80	.95	1.00	8.6	29,500	2340	.82	.97	1.00	8.3	28,300	2640	.83	.98	1.00
67°F (19.4°C)	425	900	9.6	32,600	1840	.58	.71	.85	9.2	31,400	2080	.58	.73	.86	8.9	30,200	2350	.59	.74	.88	8.5	29,000	2640	.60	.75	.90
	470	1000	9.7	33,000	1840	.59	.74	.88	9.3	31,800	2090	.60	.75	.90	9.0	30,600	2350	.61	.77	.91	8.6	29,300	2650	.61	.78	.93
	520	1100	9.8	33,400	1840	.60	.76	.91	9.4	32,200	2090	.61	.78	.93	9.1	30,900	2350	.62	.79	.94	8.7	29,700	2650	.63	.81	.96
71°F (21.7°C)	425	900	10.2	34,700	1840	.43	.56	.69	9.8	33,400	2090	.43	.57	.70	9.4	32,200	2360	.43	.57	.71	9.1	30,900	2660	.44	.58	.73
	470	1000	10.3	35,200	1840	.43	.57	.71	9.9	33,800	2090	.44	.58	.73	9.6	32,600	2360	.44	.59	.74	9.1	31,200	2660	.44	.60	.76
	520	1100	10.4	35,500	1840	.44	.59	.74	10.0	34,200	2100	.44	.60	.76	9.6	32,900	2360	.45	.61	.77	9.2	31,500	2660	.45	.62	.79

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

## HS25-311 — CB30M-21/26

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C
63°F (17.2°C)	375	800	8.9	30,400	1820	.71	.84	.96	8.6	29,200	2060	.72	.86	.97	8.2	28,100	2330	.73	.87	.99	7.9	27,000	2630	.75	.89	1.00
	425	900	9.1	31,000	1820	.74	.88	.99	8.7	29,800	2070	.75	.89	1.00	8.4	28,700	2330	.76	.91	1.00	8.1	27,500	2620	.78	.93	1.00
	470	1000	9.3	31,600	1830	.76	.91	1.00	8.9	30,400	2070	.77	.92	1.00	8.6	29,200	2330	.79	.94	1.00	8.2	28,000	2630	.80	.96	1.00
67°F (19.4°C)	375	800	9.5	32,400	1830	.56	.69	.81	9.1	31,200	2070	.57	.70	.82	8.8	30,000	2340	.57	.71	.84	8.4	28,700	2630	.58	.72	.86
	425	900	9.7	33,000	1830	.57	.71	.84	9.3	31,700	2080	.58	.72	.86	8.9	30,500	2340	.59	.74	.88	8.6	29,200	2630	.60	.75	.90
	470	1000	9.8	33,500	1830	.59	.74	.88	9.4	32,200	2080	.60	.75	.89	9.1	30,900	2340	.60	.76	.91	8.7	29,600	2640	.61	.78	.93
71°F (21.7°C)	375	800	10.2	34,700	1830	.42	.54	.66	9.8	33,300	2080	.43	.55	.67	9.4	32,000	2350	.43	.56	.68	9.0	30,700	2640	.43	.56	.70
	425	900	10.3	35,300	1830	.43	.56	.68	9.9	33,900	2090	.43	.56	.70	9.5	32,500	2350	.43	.57	.71	9.1	31,100	2650	.44	.58	.73
	470	1000	10.5	35,800	1830	.43	.57	.71	10.1	34,300																

# RATINGS

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

## HS25-311 — CB29M-41

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C		
63°F (17.2°C)	425	900	9.1	30,900	1820	.74	.88	.99	8.7	29,800	2060	.75	.89	1.00	8.4	28,700	2320	.76	.91	1.00	8.1	27,500	2620	.78	.93	1.00
	470	1000	9.2	31,500	1820	.76	.91	1.00	8.9	30,300	2060	.77	.92	1.00	8.6	29,200	2320	.79	.94	1.00	8.2	28,000	2620	.80	.96	1.00
	520	1100	9.4	32,000	1820	.78	.94	1.00	9.0	30,800	2060	.80	.95	1.00	8.7	29,700	2330	.81	.97	1.00	8.4	28,500	2620	.83	.98	1.00
67°F (19.4°C)	425	900	9.6	32,900	1820	.57	.71	.84	9.3	31,700	2070	.58	.72	.86	8.9	30,400	2330	.59	.74	.88	8.6	29,200	2620	.60	.75	.90
	470	1000	9.8	33,400	1820	.59	.74	.88	9.4	32,100	2070	.60	.75	.89	9.0	30,800	2330	.60	.76	.91	8.6	29,500	2630	.61	.78	.93
	520	1100	9.9	33,800	1820	.60	.76	.91	9.5	32,500	2070	.61	.78	.92	9.1	31,200	2340	.62	.79	.94	8.8	29,900	2630	.63	.81	.96
71°F (21.7°C)	425	900	10.3	35,100	1830	.43	.56	.69	9.9	33,800	2080	.43	.56	.70	9.5	32,500	2340	.43	.57	.71	9.1	31,100	2640	.44	.58	.73
	470	1000	10.4	35,600	1830	.43	.57	.71	10.0	34,200	2080	.44	.58	.73	9.6	32,900	2350	.44	.59	.74	9.2	31,500	2640	.44	.60	.76
	520	1100	10.6	36,000	1830	.44	.59	.74	10.1	34,600	2080	.44	.60	.75	9.7	33,200	2350	.45	.61	.77	9.3	31,800	2640	.45	.62	.79

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

## HS25-311 — CB30M-31

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C		
63°F (17.2°C)	400	850	9.2	31,500	1840	.72	.86	.98	8.9	30,300	2080	.73	.87	.99	8.5	29,100	2350	.75	.89	1.00	8.2	27,900	2640	.76	.91	1.00
	470	1000	9.5	32,400	1840	.76	.91	1.00	9.1	31,200	2090	.77	.92	1.00	8.8	29,900	2350	.79	.94	1.00	8.4	28,700	2650	.80	.96	1.00
	540	1150	9.7	33,200	1840	.80	.95	1.00	9.3	31,900	2090	.81	.97	1.00	9.0	30,700	2360	.83	.98	1.00	8.6	29,500	2650	.85	1.00	1.00
67°F (19.4°C)	400	850	9.8	33,600	1840	.57	.70	.82	9.5	32,300	2090	.57	.71	.84	9.1	31,000	2360	.58	.72	.86	8.7	29,700	2650	.59	.73	.88
	470	1000	10.1	34,500	1840	.59	.73	.87	9.7	33,100	2100	.60	.75	.89	9.3	31,700	2360	.60	.76	.91	8.9	30,300	2660	.61	.78	.93
	540	1150	10.3	35,200	1840	.61	.77	.92	9.9	33,700	2100	.62	.79	.94	9.4	32,200	2370	.63	.81	.96	9.0	30,800	2660	.64	.82	.98
71°F (21.7°C)	400	850	10.6	36,000	1840	.43	.55	.67	10.1	34,600	2100	.43	.55	.68	9.7	33,100	2370	.43	.56	.70	9.3	31,700	2670	.43	.57	.71
	470	1000	10.8	36,900	1840	.43	.57	.71	10.3	35,300	2100	.44	.58	.72	9.9	33,800	2380	.44	.59	.74	9.5	32,300	2670	.44	.60	.76
	540	1150	11.0	37,600	1840	.44	.59	.75	10.5	35,900	2110	.44	.60	.76	10.1	34,400	2380	.45	.62	.78	9.6	32,800	2670	.45	.63	.80

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

## HS25-311 — CB30M-41

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C		
63°F (17.2°C)	425	900	9.4	32,200	1830	.73	.87	.99	9.1	30,900	2080	.75	.89	1.00	8.7	29,700	2340	.76	.91	1.00	8.3	28,400	2630	.77	.93	1.00
	470	1000	9.6	32,800	1830	.76	.91	1.00	9.2	31,500	2070	.77	.92	1.00	8.9	30,200	2340	.79	.94	1.00	8.5	28,900	2630	.80	.96	1.00
	520	1100	9.8	33,300	1830	.78	.94	1.00	9.4	32,000	2080	.80	.95	1.00	9.0	30,700	2340	.81	.97	1.00	8.6	29,500	2640	.83	.99	1.00
67°F (19.4°C)	425	900	10.1	34,300	1830	.57	.71	.84	9.6	32,900	2080	.58	.72	.86	9.3	31,600	2350	.59	.73	.88	8.9	30,200	2640	.60	.75	.90
	470	1000	10.2	34,900	1830	.59	.73	.87	9.8	33,500	2090	.59	.75	.89	9.4	32,000	2350	.60	.76	.91	9.0	30,600	2640	.61	.78	.93
	520	1100	10.4	35,400	1830	.60	.76	.90	9.9	33,900	2090	.61	.77	.92	9.5	32,400	2360	.62	.79	.94	9.1	31,000	2650	.63	.81	.97
71°F (21.7°C)	425	900	10.8	36,800	1830	.43	.55	.68	10.3	35,300	2090	.43	.56	.69	9.9	33,800	2360	.43	.57	.71	9.5	32,300	2650	.44	.58	.72
	470	1000	11.0	37,400	1830	.43	.57	.71	10.5	35,800	2090	.44	.58	.72	10.1	34,200	2360	.44	.59	.74	9.6	32,700	2660	.44	.60	.76
	520	1100	11.1	37,800	1830	.44	.59	.73	10.6	36,200	2090	.44	.60	.75	10.0	34,600	2370	.45	.61	.77	9.7	33,000	2660	.45	.62	.79

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

## HS25-311 — CB30M-46

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C		
63°F (17.2°C)	375	800	9.3	31,600	1880	.71	.84	.96	8.9	30,400	2140	.72	.86	.98	8.6	29,200	2410	.73	.87	.99	8.2	28,000	2710	.74	.89	1.00
	470	1000	9.6	32,900	1890	.76	.91	1.00	9.3	31,600	2140	.77	.92	1.00	8.9	30,300	2420	.79	.94	1.00	8.5	29,100	2720	.80	.96	1.00
	565	1200	10.0	34,000	1890	.81	.96	1.00	9.6	32,600	2150	.82	.98	1.00	9.2	31,400	2420	.84	.99	1.00	8.9	30,200	2720	.86	1.00	1.00
67°F (19.4°C)	375	800	9.9	33,800	1890	.56	.68	.81	9.5	32,500	2150	.56	.69	.82	9.1	31,100	2420	.57	.71	.84	8.7	29,800	2720	.58	.72	.86
	470	1000	10.3	35,100	1890	.59	.73	.87	9.8	33,600	2150	.59	.75	.89	9.4	32,200	2430	.60	.76	.91	9.0	30,800	2730	.61	.78	.93
	565	1200	10.6	36,000	1890	.62	.78	.93	10.1	34,400	2160	.63	.80	.95	9.6	32,900	2430	.64	.82	.97	9.2	31,500	2730	.65	.84	.99
71°F (21.7°C)	375	800	10.6	36,300	1890	.42	.54	.66	10.2	34,800	2160	.42	.55	.67	9.8	33,300	2430	.43	.55	.68	9.3	31,900	2730	.43	.56	.69
	470	1000	11.0	37,500	1890	.43	.57	.71	10.5	35,900	2160	.44	.58	.72	10.1	34,400	2440	.44	.59	.74	9.6	32,800	2740	.44	.60	.76
	565	1200	11.3	38,400	1890	.44	.60	.76	10.8	36,700	2160	.45	.61	.78	10.3	35,100	2440	.45	.63							

# RATINGS

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

## HS25-311 WITH CB31MV-41

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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								
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C	75°F 24°C	80°F 27°C	85°F 29°C			
L/s	cfm	kW	Btuh	Watts	kW	Btuh	Watts	kW	Btuh	Watts	kW	Btuh	Watts	kW	Btuh	Watts	kW	Btuh	Watts							
63°F (17.2°C)	425	900	9.4	32,000	1830	.73	.87	.99	9.0	30,800	2080	.75	.89	1.00	8.6	29,500	2340	.76	.91	1.00	8.3	28,300	2630	.77	.93	1.00
	460	975	9.5	32,500	1830	.75	.90	1.00	9.1	31,200	2080	.77	.92	1.00	8.8	29,900	2350	.78	.93	1.00	8.4	28,700	2640	.80	.95	1.00
	515	1090	9.7	33,100	1830	.78	.93	1.00	9.3	31,800	2080	.80	.95	1.00	8.9	30,500	2350	.81	.97	1.00	8.6	29,300	2640	.83	.99	1.00
67°F (19.4°C)	425	900	10.0	34,200	1840	.57	.71	.84	9.6	32,800	2090	.58	.72	.86	9.2	31,400	2350	.59	.73	.88	8.8	30,100	2650	.60	.75	.90
	460	975	10.1	34,600	1830	.58	.73	.86	9.7	33,200	2090	.59	.74	.88	9.3	31,800	2360	.60	.76	.90	8.9	30,400	2650	.61	.77	.92
	515	1090	10.3	35,200	1830	.60	.75	.90	9.9	33,700	2090	.61	.77	.92	9.4	32,200	2360	.62	.79	.94	9.0	30,800	2650	.63	.81	.96
71°F (21.7°C)	425	900	10.7	36,600	1830	.43	.55	.68	10.3	35,100	2100	.43	.56	.69	9.8	33,600	2370	.43	.57	.71	9.4	32,100	2660	.44	.58	.72
	460	975	10.9	37,100	1830	.43	.57	.70	10.4	35,500	2100	.43	.57	.72	10.0	34,000	2370	.44	.58	.73	9.5	32,400	2660	.44	.60	.75
	515	1090	11.0	37,600	1830	.44	.58	.73	10.6	36,000	2100	.44	.59	.75	10.1	34,400	2370	.44	.61	.76	9.6	32,900	2660	.45	.62	.78

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

## HS25-311 — CVP10-31/EC10Q3

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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								
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C	75°F 24°C	80°F 27°C	85°F 29°C			
L/s	cfm	kW	Btuh	Watts	kW	Btuh	Watts	kW	Btuh	Watts	kW	Btuh	Watts	kW	Btuh	Watts	kW	Btuh	Watts							
63°F (17.2°C)	415	875	8.8	30,000	1910	.74	.88	.99	8.5	29,000	2110	.75	.89	1.00	8.2	27,900	2360	.76	.91	1.00	7.8	26,700	2670	.78	.93	1.00
	470	1000	9.1	30,900	1920	.77	.92	1.00	8.7	29,700	2120	.78	.93	1.00	8.4	28,600	2370	.79	.95	1.00	8.0	27,400	2680	.81	.97	1.00
	530	1125	9.2	31,500	1920	.79	.95	1.00	8.9	30,400	2120	.81	.97	1.00	8.6	29,200	2370	.82	.98	1.00	8.2	28,100	2690	.84	1.00	1.00
67°F (19.4°C)	415	875	9.4	32,000	1920	.58	.71	.84	9.1	30,900	2130	.59	.73	.86	8.7	29,800	2380	.60	.74	.87	8.4	28,500	2700	.60	.75	.90
	470	1000	9.6	32,900	1930	.60	.74	.88	9.3	31,700	2140	.61	.75	.90	8.9	30,500	2390	.61	.77	.92	8.6	29,200	2710	.63	.79	.94
	530	1125	9.8	33,600	1940	.61	.77	.92	9.5	32,300	2140	.62	.78	.94	9.1	31,100	2400	.64	.80	.96	8.7	29,800	2720	.65	.82	.98
71°F (21.7°C)	415	875	9.9	33,900	1940	.44	.57	.69	9.6	32,700	2150	.44	.57	.70	9.2	31,500	2410	.44	.58	.71	8.9	30,300	2730	.45	.59	.73
	470	1000	10.2	34,800	1950	.44	.58	.72	9.8	33,600	2160	.45	.59	.73	9.5	32,300	2410	.45	.60	.74	9.1	31,000	2740	.45	.61	.76
	530	1125	10.4	35,600	1950	.45	.60	.74	10.1	34,300	2160	.46	.61	.76	9.7	33,000	2420	.46	.62	.77	9.3	31,600	2750	.46	.63	.79

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

## HS25-311 — CVP10-41/EC10Q3

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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								
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C	75°F 24°C	80°F 27°C	85°F 29°C			
L/s	cfm	kW	Btuh	Watts	kW	Btuh	Watts	kW	Btuh	Watts	kW	Btuh	Watts	kW	Btuh	Watts	kW	Btuh	Watts							
63°F (17.2°C)	415	875	9.0	30,600	1910	.74	.88	1.00	8.7	29,600	2110	.75	.90	1.00	8.3	28,400	2360	.77	.92	1.00	8.0	27,300	2680	.78	.94	1.00
	470	1000	9.2	31,400	1920	.77	.92	1.00	8.9	30,300	2120	.78	.94	1.00	8.5	29,100	2370	.80	.96	1.00	8.2	28,000	2690	.82	.98	1.00
	530	1125	9.4	32,100	1930	.80	.96	1.00	9.1	31,100	2130	.81	.97	1.00	8.8	29,900	2380	.83	.99	1.00	8.4	28,700	2700	.85	1.00	1.00
67°F (19.4°C)	415	875	9.6	32,600	1930	.59	.72	.84	9.2	31,500	2130	.59	.73	.86	8.9	30,300	2390	.60	.74	.88	8.5	29,100	2710	.60	.76	.90
	470	1000	9.8	33,500	1930	.60	.75	.89	9.5	32,300	2140	.61	.76	.90	9.1	31,000	2400	.62	.77	.92	8.7	29,700	2720	.63	.79	.94
	530	1125	10.0	34,200	1940	.62	.77	.92	9.7	33,000	2150	.63	.79	.94	9.3	31,600	2410	.64	.80	.96	8.9	30,300	2730	.65	.82	.98
71°F (21.7°C)	415	875	10.1	34,600	1940	.44	.57	.69	9.8	33,300	2150	.44	.57	.70	9.4	32,100	2410	.44	.58	.71	9.0	30,800	2740	.45	.59	.73
	470	1000	10.4	35,500	1950	.45	.59	.72	10.0	34,200	2160	.45	.59	.73	9.6	32,900	2420	.45	.60	.75	9.3	31,600	2750	.45	.61	.76
	530	1125	10.6	36,200	1960	.45	.60	.75	10.2	34,900	2170	.45	.61	.76	9.8	33,600	2430	.46	.62	.78	9.4	32,100	2750	.47	.64	.80

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

## HS25-411-413 — C23-31(W)(FC)

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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								
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C	75°F 24°C	80°F 27°C	85°F 29°C			
L/s	cfm	kW	Btuh	Watts	kW	Btuh	Watts	kW	Btuh	Watts	kW	Btuh	Watts	kW	Btuh	Watts	kW	Btuh	Watts							
63°F (17.2°C)	375	800	9.4	32,000	2310	.66	.79	.90	9.1	31,000	2560	.66	.80	.91	8.8	29,900	2860	.67	.81	.93	8.4	28,800	3250	.68	.83	.94
	470	1000	9.9	33,900	2340	.70	.83	.97	9.6	32,700	2580	.71	.85	.99	9.3	31,600	2890	.72	.86	1.00	8.9	30,400	3280	.73	.88	1.00
	565	1200	10.3	35,100	2350	.74	.88	1.00	10.0	34,000	2610	.75	.89	1.00	9.6	32,800	2920	.76	.91	1.00	9.2	31,400	3300	.78	.93	1.00
67°F (19.4°C)	375	800	9.8	33,400	2330	.52	.66	.77	9.5	32,400	2580	.52	.67	.78	9.2	31,400	2890	.53	.67	.79	8.9	30,200	3270	.53	.68	.80
	470	1000	10.4	35,400	2360	.54	.69	.82	10.1	34,300	2610	.55	.70	.84	9.7	33,200	2920	.56	.71	.85	9.3	31,900	3310	.56	.72	.86
	565	1200	10.8	36,800	2380	.57	.72	.88	10.4	35,600	2630	.58	.73	.89	10.1	34,400	2950	.58	.74	.91	9.7	33,200	3350	.59	.75	.92
71°F (21.7°C)	375	800	10.2	34,800	2350	.39	.54	.65	9.9	33,900	2600	.39	.54	.65	9.6	32,700	2920	.39	.54	.66	9.3	31,600	3300	.40	.55	.67
	470	1000	10.8	36,900	2380	.40	.55	.69	10.5	35,800	2640	.40	.56	.70	10.2	34,700	2950	.40	.57	.70	9.8	33,400	3350	.41	.57	.72
	565	1200	11.3	38,500	2400	.41	.57	.73	10.9	37,300	2660	.41	.58	.74	10.6	36,100	2990	.41	.59	.75	10.2	34,700	3390	.42	.59	.76

NOTE — All values are gross capacities and do not

**RATINGS**

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

**HS25-411-413 — C26-31(W)(FC)**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C
63°F (17.2°C)	375	800	9.8	33,600	2330	.67	.81	.92	9.5	32,500	2580	.68	.82	.93	9.2	31,300	2890	.69	.83	.95	8.9	30,200	3270	.70	.84	.97
	470	1000	10.4	35,500	2360	.71	.86	.99	10.1	34,300	2610	.72	.87	1.00	9.7	33,000	2920	.74	.89	1.00	9.3	31,700	3300	.75	.91	1.00
	565	1200	10.8	36,800	2380	.76	.91	1.00	10.4	35,500	2630	.77	.93	1.00	10.0	34,100	2940	.79	.95	1.00	9.6	32,700	3330	.80	.97	1.00
67°F (19.4°C)	375	800	10.4	35,600	2360	.53	.66	.78	10.1	34,400	2610	.53	.67	.79	9.7	33,200	2920	.54	.68	.81	9.3	31,900	3310	.55	.69	.82
	470	1000	11.0	37,500	2380	.56	.70	.84	10.6	36,200	2640	.56	.71	.85	10.3	35,000	2960	.57	.72	.87	9.9	33,700	3360	.57	.73	.88
	565	1200	11.4	38,900	2410	.58	.74	.90	11.0	37,700	2670	.59	.75	.91	10.6	36,200	2990	.60	.76	.93	10.2	34,800	3390	.60	.78	.95
71°F (21.7°C)	375	800	11.0	37,400	2380	.40	.54	.66	10.6	36,200	2640	.40	.54	.67	10.3	35,000	2960	.40	.55	.67	9.9	33,700	3360	.40	.55	.68
	470	1000	11.6	39,500	2410	.41	.56	.70	11.2	38,200	2680	.41	.56	.71	10.8	36,900	3000	.41	.57	.72	10.4	35,500	3410	.41	.58	.73
	565	1200	12.0	40,900	2440	.42	.58	.74	11.6	39,600	2700	.42	.59	.75	11.2	38,200	3040	.42	.60	.76	10.8	36,900	3450	.43	.61	.77

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

**HS25-411-413 — C23-41(W)(FC)**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C
63°F (17.2°C)	375	800	9.8	33,400	2320	.66	.79	.90	9.5	32,300	2560	.67	.81	.91	9.1	31,100	2870	.67	.82	.93	8.8	30,000	3250	.68	.83	.94
	495	1050	10.4	35,600	2340	.71	.85	.99	10.1	34,400	2600	.72	.86	1.00	9.7	33,200	2900	.73	.88	1.00	9.4	32,000	3290	.74	.90	1.00
	615	1300	10.9	37,200	2370	.76	.91	1.00	10.6	36,000	2620	.77	.92	1.00	10.1	34,600	2930	.79	.94	1.00	9.7	33,200	3320	.80	.96	1.00
67°F (19.4°C)	375	800	10.2	34,900	2330	.52	.66	.77	9.9	33,800	2580	.53	.67	.78	9.6	32,600	2890	.53	.68	.79	9.2	31,500	3280	.54	.69	.80
	495	1050	10.9	37,300	2370	.55	.70	.84	10.6	36,100	2620	.56	.71	.85	10.2	34,900	2940	.57	.72	.86	9.9	33,700	3330	.57	.73	.88
	615	1300	11.5	39,100	2390	.58	.74	.90	11.1	37,800	2650	.59	.75	.92	10.7	36,500	2970	.60	.76	.93	10.3	35,100	3370	.61	.78	.95
71°F (21.7°C)	375	800	10.6	36,300	2350	.39	.54	.65	10.3	35,200	2610	.40	.54	.66	10.0	34,100	2920	.40	.55	.66	9.6	32,900	3310	.40	.55	.67
	495	1050	11.4	38,900	2390	.41	.56	.70	11.1	37,800	2650	.41	.57	.71	10.7	36,600	2970	.41	.57	.72	10.3	35,200	3370	.41	.58	.73
	615	1300	12.0	40,800	2420	.42	.58	.75	11.6	39,500	2680	.42	.59	.76	11.2	38,200	3010	.42	.60	.77	10.8	36,800	3420	.43	.61	.78

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

**HS25-411-413 — C23-46(FC)**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C
63°F (17.2°C)	470	1000	10.2	34,900	2350	.71	.85	.97	9.9	33,800	2600	.72	.87	.99	9.6	32,600	2910	.73	.88	1.00	9.2	31,400	3300	.74	.90	1.00
	565	1200	10.6	36,300	2370	.75	.90	1.00	10.3	35,100	2620	.76	.92	1.00	9.9	33,800	2930	.77	.94	1.00	9.5	32,500	3320	.78	.96	1.00
	660	1400	11.0	37,400	2380	.79	.95	1.00	10.6	36,000	2640	.80	.97	1.00	10.2	34,800	2950	.81	.98	1.00	9.8	33,300	3340	.84	1.00	1.00
67°F (19.4°C)	470	1000	10.7	36,600	2370	.56	.70	.83	10.4	35,400	2630	.56	.71	.84	10.0	34,200	2940	.57	.72	.85	9.6	32,900	3340	.58	.73	.87
	565	1200	11.2	38,200	2390	.58	.73	.88	10.8	36,900	2650	.59	.75	.89	10.4	35,600	2970	.60	.76	.91	10.1	34,300	3370	.60	.77	.92
	660	1400	11.5	39,300	2410	.61	.77	.93	11.1	38,000	2670	.61	.78	.95	10.8	36,700	3000	.62	.80	.96	10.3	35,300	3400	.63	.81	.98
71°F (21.7°C)	470	1000	11.2	38,200	2400	.42	.56	.70	10.8	37,000	2650	.42	.57	.71	10.5	35,700	2980	.42	.57	.71	10.1	34,400	3380	.43	.58	.72
	565	1200	11.7	39,800	2420	.43	.58	.73	11.3	38,600	2680	.43	.59	.74	10.9	37,200	3010	.43	.60	.75	10.5	35,900	3420	.44	.61	.77
	660	1400	12.0	41,100	2440	.44	.60	.77	11.7	39,800	2710	.44	.61	.78	11.3	38,400	3040	.44	.62	.79	10.8	37,000	3460	.45	.63	.81

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

**HS25-411-413 — C26-41(FC)**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C
63°F (17.2°C)	470	1000	10.4	35,400	2360	.72	.86	.98	10.0	34,200	2610	.73	.88	1.00	9.7	33,000	2920	.74	.89	1.00	9.3	31,600	3310	.75	.91	1.00
	565	1200	10.8	36,700	2380	.76	.92	1.00	10.4	35,500	2630	.77	.93	1.00	9.9	33,900	2950	.78	.95	1.00	9.6	32,600	3340	.79	.97	1.00
	660	1400	11.0	37,600	2390	.80	.97	1.00	10.6	36,300	2650	.81	.98	1.00	10.3	35,000	2970	.82	.99	1.00	9.9	33,700	3370	.84	1.00	1.00
67°F (19.4°C)	470	1000	11.0	37,400	2390	.56	.70	.84	10.6	36,100	2640	.57	.71	.85	10.2	34,900	2960	.58	.72	.86	9.8	33,500	3360	.58	.74	.88
	565	1200	11.4	38,800	2410	.59	.74	.89	11.0	37,500	2670	.59	.75	.90	10.6	36,000	2990	.60	.77	.92	10.2	34,700	3390	.61	.78	.94
	660	1400	11.7	39,800	2420	.61	.78	.94	11.3	38,500	2690	.62	.79	.96	10.9	37,100	3010	.63	.81	.97	10.5	35,700	3420	.64	.83	.99
71°F (21.7°C)	470	1000	11.5	39,300	2420	.42	.56	.70	11.2	38,100	2680	.42	.57	.71	10.8	36,800	3010	.43	.57	.72	10.4	35,400	3420	.43	.58	.73
	565	1200	12.0	40,800	2440	.43	.58	.74	11.6	39,500	2710	.43	.59	.75	11.2	38,100	3040	.44	.60	.76	10.8	36,800	3460	.44		

# RATINGS

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

## HS25-411-413 — C26-46(FC)

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C
L/s	cfm	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input				
63°F (17.2°C)	470	1000	10.5	35,800	2370	.71	.86	.98	10.2	34,700	2620	.72	.87	1.00	9.8	33,400	2930	.73	.89	1.00	9.4	32,200	3330	.74	.90	1.00
	565	1200	11.0	37,400	2390	.75	.91	1.00	10.6	36,100	2640	.76	.93	1.00	10.2	34,800	2960	.78	.94	1.00	9.8	33,500	3360	.79	.96	1.00
	660	1400	11.3	38,500	2410	.79	.96	1.00	10.9	37,100	2670	.81	.97	1.00	10.5	35,900	2990	.82	.99	1.00	10.1	34,400	3390	.83	1.00	1.00
67°F (19.4°C)	470	1000	11.0	37,400	2390	.56	.71	.84	10.6	36,300	2650	.57	.71	.85	10.3	35,000	2970	.57	.73	.86	9.9	33,700	3370	.58	.74	.88
	565	1200	11.5	39,200	2410	.59	.74	.89	11.1	37,900	2680	.59	.75	.90	10.7	36,600	3000	.60	.76	.92	10.3	35,200	3410	.61	.78	.93
	660	1400	11.8	40,300	2430	.61	.78	.94	11.4	39,000	2700	.62	.79	.95	11.0	37,700	3030	.63	.81	.97	10.6	36,300	3450	.63	.82	.99
71°F (21.7°C)	470	1000	11.4	39,000	2410	.42	.56	.71	11.1	37,800	2680	.42	.57	.71	10.7	36,500	3000	.43	.58	.72	10.3	35,200	3420	.43	.58	.73
	565	1200	12.0	40,900	2440	.43	.59	.74	11.6	39,600	2710	.43	.59	.75	11.2	38,300	3040	.44	.60	.76	10.8	36,900	3470	.44	.61	.77
	660	1400	12.3	42,100	2460	.44	.61	.78	12.0	40,900	2740	.44	.62	.79	11.6	39,500	3080	.45	.63	.80	11.2	38,100	3510	.45	.64	.81

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

## HS25-411-413 — C26-51(FC)

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C
L/s	cfm	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input				
63°F (17.2°C)	470	1000	10.6	36,000	2370	.72	.86	.99	10.2	34,900	2620	.73	.87	1.00	9.8	33,600	2940	.74	.89	1.00	9.5	32,400	3330	.75	.91	1.00
	565	1200	11.0	37,600	2390	.76	.91	1.00	10.6	36,300	2650	.77	.93	1.00	10.3	35,000	2970	.78	.95	1.00	9.9	33,700	3370	.79	.97	1.00
	660	1400	11.4	38,800	2410	.80	.96	1.00	11.0	37,400	2670	.81	.98	1.00	10.6	36,200	2990	.82	.99	1.00	10.2	34,700	3400	.83	1.00	1.00
67°F (19.4°C)	470	1000	11.0	37,600	2390	.57	.71	.84	10.7	36,400	2650	.57	.72	.85	10.3	35,200	2970	.58	.73	.87	9.9	33,900	3380	.58	.74	.88
	565	1200	11.5	39,400	2420	.59	.74	.89	11.2	38,100	2680	.60	.76	.90	10.8	36,800	3010	.60	.77	.92	10.4	35,400	3420	.61	.78	.94
	660	1400	11.9	40,600	2440	.61	.78	.94	11.5	39,300	2710	.62	.80	.96	11.1	37,900	3040	.63	.81	.97	10.7	36,500	3460	.64	.83	.99
71°F (21.7°C)	470	1000	11.5	39,200	2420	.42	.56	.71	11.1	38,000	2680	.43	.57	.72	10.8	36,700	3010	.43	.58	.73	10.4	35,400	3420	.43	.59	.74
	565	1200	12.0	41,100	2440	.43	.59	.74	11.7	39,800	2710	.43	.59	.75	11.3	38,500	3050	.44	.60	.76	10.9	37,100	3470	.44	.61	.77
	660	1400	12.4	42,400	2470	.44	.61	.78	12.0	41,100	2740	.44	.62	.79	11.6	39,700	3080	.45	.63	.80	11.2	38,300	3510	.45	.64	.82

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

## HS25-411-413 — C23-51(FC)

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C
L/s	cfm	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input				
63°F (17.2°C)	470	1000	10.6	36,200	2360	.71	.85	.97	10.3	35,200	2610	.71	.86	.98	9.9	33,800	2920	.72	.88	1.00	9.5	32,500	3310	.73	.89	1.00
	565	1200	11.0	37,700	2380	.74	.89	1.00	10.7	36,500	2640	.75	.91	1.00	10.3	35,200	2950	.76	.93	1.00	9.9	33,800	3350	.78	.95	1.00
	660	1400	11.4	39,000	2400	.78	.94	1.00	11.0	37,500	2650	.79	.96	1.00	10.6	36,200	2970	.81	.97	1.00	10.3	35,000	3370	.82	.99	1.00
67°F (19.4°C)	470	1000	11.1	37,900	2380	.56	.70	.83	10.8	36,700	2640	.56	.71	.84	10.4	35,500	2960	.57	.72	.85	10.0	34,200	3360	.57	.73	.86
	565	1200	11.6	39,600	2410	.58	.73	.88	11.2	38,300	2670	.58	.74	.89	10.8	37,000	2990	.59	.75	.90	10.4	35,600	3390	.60	.77	.92
	660	1400	12.0	40,800	2420	.60	.76	.93	11.6	39,500	2690	.61	.78	.94	11.2	38,100	3020	.62	.79	.96	10.8	36,700	3430	.62	.80	.97
71°F (21.7°C)	470	1000	11.6	39,600	2410	.42	.56	.70	11.2	38,300	2670	.42	.56	.70	10.9	37,100	2990	.42	.57	.71	10.5	35,700	3400	.42	.58	.72
	565	1200	12.1	41,300	2430	.42	.58	.73	11.7	40,000	2700	.43	.59	.74	11.3	38,700	3030	.43	.59	.75	11.0	37,400	3450	.43	.60	.76
	660	1400	12.5	42,700	2450	.43	.60	.77	12.1	41,300	2720	.44	.61	.78	11.7	40,000	3060	.44	.62	.79	11.3	38,600	3490	.44	.63	.80

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

## HS25-411-413 — C23-51/65(FC)

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C
L/s	cfm	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input				
63°F (17.2°C)	470	1000	10.5	35,900	2280	.73	.87	.99	10.2	34,700	2530	.74	.88	1.00	9.8	33,300	2820	.75	.90	1.00	9.4	31,900	3140	.77	.92	1.00
	565	1200	10.9	37,100	2290	.77	.92	1.00	10.5	35,800	2540	.78	.94	1.00	10.1	34,400	2830	.80	.96	1.00	9.7	33,000	3160	.82	.98	1.00
	660	1400	11.2	38,100	2300	.81	.97	1.00	10.8	36,800	2550	.83	.99	1.00	10.4	35,500	2850	.85	1.00	1.00	10.0	34,100	3180	.87	1.00	1.00
67°F (19.4°C)	470	1000	11.3	38,400	2300	.57	.70	.83	10.8	37,000	2560	.58	.71	.85	10.4	35,600	2850	.58	.73	.87	10.0	34,100	3170	.59	.74	.88
	565	1200	11.6	39,500	2310	.59	.75	.89	11.1	38,000	2570	.60	.76	.91	10.7	36,500	2860	.61	.78	.93	10.2	34,900	3190	.62	.79	.95
	660	1400	11.8	40,300	2320	.62	.79	.94	11.3	38,700	2580	.63	.81	.96	10.9	37,200	2870	.64	.82	.98	10.4	35,600	3200	.65	.84	.99
71°F (21.7°C)	470	1000	12.1	41,100	2330	.43	.55	.68	11.6	39,600	2590															

# RATINGS

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

## HS25-411-413 — C26-51(FC)+G21V3

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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 (17.2°C)	470	1000	10.4	35,500	2310	.73	.86	.98	10.0	34,200	2600	.74	.88	1.00	9.7	33,000	2940	.75	.89	1.00	9.3	31,600	3330	.76	.91	1.00
	565	1200	10.7	36,600	2320	.77	.92	1.00	10.4	35,400	2610	.78	.94	1.00	10.0	34,100	2960	.80	.96	1.00	9.6	32,700	3360	.81	.97	1.00
	660	1400	11.0	37,700	2330	.81	.97	1.00	10.7	36,400	2620	.83	.99	1.00	10.3	35,100	2970	.84	1.00	1.00	9.9	33,800	3390	.86	1.00	1.00
67°F (19.4°C)	470	1000	11.1	37,800	2340	.57	.70	.83	10.7	36,500	2620	.57	.71	.84	10.3	35,200	2970	.58	.72	.86	9.9	33,700	3390	.59	.74	.88
	565	1200	11.4	38,900	2350	.59	.75	.89	11.0	37,600	2640	.60	.76	.91	10.6	36,100	2990	.61	.77	.92	10.1	34,600	3420	.62	.79	.94
	660	1400	11.6	39,700	2360	.62	.79	.94	11.3	38,400	2650	.63	.81	.96	10.8	36,900	3010	.64	.82	.98	10.3	35,300	3440	.65	.84	.99
71°F (21.7°C)	470	1000	11.9	40,500	2370	.43	.55	.67	11.5	39,100	2660	.43	.56	.68	11.0	37,700	3020	.43	.56	.70	10.6	36,100	3460	.43	.57	.71
	565	1200	12.2	41,500	2380	.43	.58	.72	11.8	40,200	2670	.44	.59	.73	11.3	38,600	3040	.44	.59	.75	10.8	37,000	3480	.44	.61	.76
	660	1400	12.4	42,300	2390	.45	.61	.77	12.0	40,900	2690	.45	.62	.78	11.5	39,300	3060	.45	.63	.80	11.0	37,700	3500	.46	.64	.82

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

## HS25-411-413 — C26-51(FC)+G25MV3 — CR26-51(N)(W)+G25MV3

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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	kW	Btuh	75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	470	1000	10.8	36,700	2330	.73	.86	.98	10.4	35,400	2620	.74	.88	1.00	10.0	34,100	2970	.75	.89	1.00	9.6	32,700	3370	.76	.91	1.00
	565	1200	11.1	37,900	2340	.77	.92	1.00	10.7	36,600	2640	.78	.94	1.00	10.3	35,200	2990	.80	.96	1.00	9.9	33,800	3400	.81	.97	1.00
	660	1400	11.4	38,900	2350	.81	.97	1.00	11.0	37,700	2650	.83	.99	1.00	10.6	36,300	3010	.84	1.00	1.00	10.3	35,000	3430	.86	1.00	1.00
67°F (19.4°C)	470	1000	11.5	39,100	2360	.57	.70	.83	11.1	37,800	2650	.57	.71	.84	10.7	36,400	3000	.58	.72	.86	10.2	34,900	3420	.59	.74	.88
	565	1200	11.8	40,200	2370	.59	.75	.89	11.4	38,800	2660	.60	.76	.91	10.9	37,300	3020	.61	.77	.92	10.5	35,800	3450	.62	.79	.94
	660	1400	12.0	41,100	2380	.62	.79	.94	11.6	39,600	2670	.63	.81	.96	11.2	38,100	3040	.64	.82	.98	10.7	36,500	3470	.65	.84	.99
71°F (21.7°C)	470	1000	12.3	41,800	2390	.43	.55	.67	11.8	40,400	2680	.43	.56	.68	11.4	38,900	3050	.43	.56	.70	11.0	37,400	3490	.43	.57	.71
	565	1200	12.6	42,900	2410	.43	.58	.72	12.2	41,500	2700	.44	.59	.73	11.7	39,900	3070	.44	.59	.75	11.2	38,300	3520	.44	.61	.76
	660	1400	12.8	43,800	2420	.45	.61	.77	12.4	42,300	2710	.45	.62	.78	11.9	40,700	3090	.45	.63	.80	11.4	39,000	3540	.46	.64	.82

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

## HS25-411-413 — CR26-31

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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	kW	Btuh	75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	375	800	9.3	31,600	2280	.69	.80	.91	9.0	30,600	2530	.69	.81	.93	8.7	29,600	2830	.70	.82	.94	8.3	28,400	3200	.71	.84	.96
	495	1050	9.9	33,700	2310	.73	.86	.98	9.6	32,600	2550	.74	.88	.99	9.2	31,400	2860	.75	.89	1.00	8.9	30,200	3230	.76	.91	1.00
	615	1300	10.3	35,100	2330	.77	.92	1.00	10.0	34,000	2570	.78	.94	1.00	9.6	32,700	2880	.79	.96	1.00	9.2	31,400	3260	.81	.97	1.00
67°F (19.4°C)	375	800	9.7	33,000	2300	.55	.66	.77	9.4	32,000	2540	.56	.67	.78	9.1	30,900	2850	.56	.68	.79	8.7	29,800	3230	.57	.69	.80
	495	1050	10.3	35,300	2330	.57	.70	.83	10.0	34,100	2580	.58	.71	.84	9.7	33,000	2880	.59	.72	.86	9.3	31,800	3260	.59	.74	.88
	615	1300	10.8	36,800	2350	.60	.74	.89	10.4	35,600	2600	.61	.76	.90	10.1	34,400	2910	.61	.77	.92	9.7	33,100	3300	.62	.79	.94
71°F (21.7°C)	375	800	10.1	34,400	2320	.42	.53	.63	9.8	33,300	2570	.42	.54	.64	9.5	32,300	2870	.43	.54	.65	9.1	31,100	3250	.43	.55	.66
	495	1050	10.8	36,700	2350	.43	.56	.68	10.4	35,600	2600	.43	.56	.69	10.1	34,400	2910	.43	.57	.70	9.7	33,200	3300	.44	.58	.71
	615	1300	11.3	38,400	2380	.45	.59	.72	10.9	37,200	2630	.45	.59	.73	10.6	36,000	2950	.45	.60	.75	10.2	34,700	3340	.45	.61	.76

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

## HS25-411-413 — CR26-41(N)(W)

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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	kW	Btuh	75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	450	950	10.1	34,400	2340	.72	.85	.97	9.8	33,300	2580	.73	.86	.98	9.4	32,000	2890	.74	.88	.99	9.0	30,700	3260	.75	.90	1.00
	565	1200	10.5	36,000	2360	.77	.91	1.00	10.2	34,900	2610	.78	.93	1.00	9.8	33,600	2910	.79	.95	1.00	9.5	32,300	3290	.81	.96	1.00
	685	1450	11.0	37,400	2380	.81	.97	1.00	10.6	36,100	2630	.82	.98	1.00	10.2	34,900	2940	.84	.99	1.00	9.8	33,600	3320	.86	1.00	1.00
67°F (19.4°C)	450	950	10.7	36,400	2360	.57	.70	.81	10.3	35,300	2610	.58	.70	.83	10.0	34,000	2920	.58	.72	.84	9.6	32,700	3310	.59	.73	.86
	565	1200	11.2	38,200	2390	.60	.74	.88	10.8	36,900	2640	.61	.75	.90	10.4	35,600	2950	.61	.77	.91	10.1	34,300	3340	.62	.78	.93
	685	1450	11.6	39,500	2410	.63	.79	.94	11.2	38,200	2660	.63	.80	.95	10.8	36,800	2980	.64	.82	.97	10.3	35,300	3370	.65	.83	.98
71°F (21.7°C)	450	950	11.3	38,400	2390	.44	.56	.67	10.9	37,200	2640	.44	.56	.68	10.6	36,000	2960	.44	.57	.69	10.2	34,700	3350	.44	.57	.70
	565	1200	11.8	40,300	2420	.45	.58	.72	11.4	39,000	2670	.45	.59	.73	11.1	37,700	3000	.45	.60	.74	10.6	36,300	3400	.46	.61	.75
	6																									

# RATINGS

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

## HS25-411-413 — CR26-51(N)(W)

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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	kW	Btuh	75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	450	950	10.0	34,100	2330	.72	.84	.96	9.7	33,000	2580	.73	.85	.97	9.3	31,800	2880	.74	.87	.99	9.0	30,600	3260	.75	.89	1.00
	565	1200	10.5	35,800	2350	.76	.90	1.00	10.2	34,700	2600	.77	.91	1.00	9.8	33,400	2910	.78	.93	1.00	9.4	31,900	3290	.80	.95	1.00
	685	1450	10.8	36,900	2370	.80	.95	1.00	10.5	35,700	2620	.81	.97	1.00	10.1	34,400	2930	.83	.99	1.00	9.7	33,200	3320	.84	1.00	1.00
67°F (19.4°C)	450	950	10.6	36,100	2360	.57	.69	.81	10.3	35,000	2610	.58	.70	.82	9.9	33,800	2920	.58	.71	.83	9.6	32,600	3300	.59	.72	.85
	565	1200	11.1	38,000	2380	.60	.73	.86	10.8	36,700	2630	.60	.74	.88	10.4	35,500	2950	.61	.76	.90	10.0	34,200	3340	.62	.77	.92
	685	1450	11.5	39,200	2400	.62	.77	.92	11.1	38,000	2660	.63	.79	.94	10.8	36,700	2970	.64	.80	.96	10.3	35,300	3370	.65	.82	.97
71°F (21.7°C)	450	950	11.2	38,200	2390	.43	.56	.67	10.8	37,000	2640	.43	.56	.68	10.5	35,800	2960	.43	.57	.69	10.1	34,600	3350	.44	.57	.70
	565	1200	11.8	40,100	2410	.44	.58	.71	11.4	38,900	2670	.45	.59	.72	11.0	37,600	2990	.45	.60	.73	10.6	36,300	3400	.45	.61	.74
	685	1450	12.2	41,500	2430	.46	.61	.75	11.8	40,200	2690	.46	.62	.76	11.4	38,900	3020	.46	.63	.78	11.0	37,500	3430	.47	.64	.79

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

## HS25-411-413 — CH23-31

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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	kW	Btuh	75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	425	900	9.6	32,700	2310	.69	.83	.94	9.3	31,600	2550	.69	.84	.95	8.9	30,500	2840	.70	.86	.97	8.6	29,300	3210	.71	.88	.99
	565	1200	10.3	35,000	2340	.74	.90	1.00	9.9	33,700	2580	.76	.92	1.00	9.5	32,400	2880	.77	.94	1.00	9.0	30,800	3250	.78	.96	1.00
	710	1500	10.6	36,300	2350	.80	.96	1.00	10.3	35,100	2600	.82	.98	1.00	9.9	33,700	2900	.83	1.00	1.00	9.5	32,300	3270	.85	1.00	1.00
67°F (19.4°C)	425	900	10.1	34,400	2330	.54	.68	.80	9.8	33,300	2570	.55	.69	.81	9.4	32,100	2870	.55	.70	.82	9.0	30,800	3240	.56	.71	.84
	565	1200	10.8	36,700	2360	.58	.73	.88	10.4	35,500	2610	.58	.74	.89	10.0	34,100	2910	.59	.76	.91	9.6	32,800	3280	.60	.77	.92
	710	1500	11.3	38,400	2380	.61	.78	.95	10.8	37,000	2630	.62	.80	.97	10.4	35,500	2940	.63	.82	.99	10.0	34,000	3310	.64	.84	1.00
71°F (21.7°C)	425	900	10.5	35,900	2350	.41	.54	.68	10.2	34,700	2600	.41	.55	.68	9.8	33,600	2900	.41	.55	.69	9.4	32,200	3270	.42	.56	.70
	565	1200	11.3	38,400	2380	.42	.58	.73	10.9	37,100	2630	.43	.58	.74	10.5	35,700	2940	.43	.59	.75	10.1	34,300	3320	.43	.60	.76
	710	1500	11.8	40,200	2400	.43	.62	.77	11.3	38,700	2660	.44	.62	.80	10.9	37,200	2970	.44	.63	.81	10.4	35,600	3350	.45	.64	.83

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

## HS25-411-413 — CH23-41

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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	kW	Btuh	75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	425	900	10.0	34,100	2330	.70	.83	.95	9.7	33,000	2570	.70	.85	.97	9.3	31,700	2870	.71	.86	.99	8.9	30,400	3240	.72	.88	1.00
	565	1200	10.6	36,200	2360	.76	.91	1.00	10.2	34,800	2600	.77	.93	1.00	9.8	33,500	2900	.78	.95	1.00	9.4	32,200	3270	.79	.97	1.00
	710	1500	11.1	37,800	2370	.81	.98	1.00	10.7	36,500	2620	.83	.99	1.00	10.3	35,000	2930	.84	1.00	1.00	9.8	33,600	3310	.86	1.00	1.00
67°F (19.4°C)	425	900	10.6	36,100	2350	.55	.68	.81	10.2	34,900	2600	.55	.69	.82	9.8	33,500	2900	.56	.70	.84	9.4	32,200	3270	.56	.72	.85
	565	1200	11.3	38,400	2380	.58	.74	.89	10.8	37,000	2630	.59	.75	.90	10.4	35,600	2940	.60	.77	.92	10.0	34,000	3310	.60	.79	.94
	710	1500	11.7	40,100	2390	.60	.80	.96	11.3	38,400	2660	.63	.81	.99	10.8	36,900	2960	.63	.83	1.00	10.3	35,200	3340	.65	.86	1.00
71°F (21.7°C)	425	900	11.1	38,000	2380	.41	.54	.68	10.8	36,700	2630	.41	.55	.69	10.4	35,400	2930	.41	.56	.70	9.9	33,900	3310	.42	.56	.71
	565	1200	11.8	40,400	2430	.42	.59	.74	11.4	38,900	2670	.42	.59	.75	11.0	37,400	2970	.43	.60	.76	10.5	35,900	3350	.43	.61	.77
	710	1500	12.3	42,100	2450	.43	.64	.80	10.7	40,400	2710	.43	.63	.82	11.4	38,800	3000	.44	.64	.82	10.9	37,200	3380	.44	.65	.84

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

## HS25-411-413 — CH23-51

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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	kW	Btuh	75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	425	900	9.7	33,100	2330	.72	.85	.96	9.3	31,900	2590	.72	.86	.98	9.0	30,700	2890	.74	.88	.99	8.6	29,400	3220	.75	.89	1.00
	565	1200	10.2	34,800	2350	.78	.93	1.00	9.8	33,600	2610	.80	.95	1.00	9.5	32,400	2910	.81	.97	1.00	9.1	31,100	3240	.83	.98	1.00
	710	1500	10.6	36,300	2360	.85	.99	1.00	10.3	35,100	2630	.86	1.00	1.00	9.9	33,900	2930	.88	1.00	1.00	9.6	32,700	3270	.90	1.00	1.00
67°F (19.4°C)	425	900	10.3	35,300	2350	.56	.69	.81	10.0	34,100	2620	.57	.70	.83	9.6	32,800	2910	.57	.71	.84	9.2	31,400	3250	.58	.72	.86
	565	1200	10.8	36,800	2370	.60	.76	.90	10.4	35,500	2630	.61	.77	.92	10.0	34,100	2930	.62	.79	.94	9.6	32,700	3270	.63	.81	.96
	710	1500	11.1	37,900	2380	.64	.83	.98	10.7	36,500	2650	.65	.84	.99	10.3	35,100	2940	.67	.86	1.00	9.8	33,600	3280	.68	.88	1.00
71°F (21.7°C)	425	900	11.1	37,800	2380	.42	.54	.66	10.7	36,400	2640	.43	.55	.67	10.3	35,000	2940	.43	.56	.68	9.8	33,600	3280	.43	.56	.70
	565	1200	11.5	39,300	2400	.44	.59	.73	11.1	37,800	2660	.44	.60	.75	10.7	36,400	2960	.44	.61	.76	10.2	34,900	3300	.45	.62	

**RATINGS**

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

**HS25-411-413 — CB29M-31**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C		
63°F (17.2°C)	450	950	9.6	32,900	2180	.72	.85	.96	9.3	31,900	2450	.73	.86	.97	9.0	30,800	2760	.74	.88	.99	8.7	29,600	3110	.75	.89	1.00
	495	1050	9.8	33,500	2180	.74	.88	.98	9.5	32,400	2450	.75	.89	.99	9.2	31,300	2770	.76	.91	1.00	8.8	30,100	3120	.77	.92	1.00
	540	1150	9.9	33,900	2190	.76	.90	1.00	9.6	32,900	2460	.77	.92	1.00	9.3	31,800	2770	.78	.93	1.00	8.9	30,500	3130	.80	.95	1.00
67°F (19.4°C)	450	950	10.3	35,000	2190	.56	.69	.82	9.9	33,900	2470	.57	.70	.83	9.6	32,700	2780	.57	.71	.85	9.2	31,400	3150	.58	.73	.86
	495	1050	10.4	35,500	2200	.58	.71	.85	10.1	34,300	2470	.58	.72	.86	9.7	33,100	2790	.59	.74	.88	9.3	31,800	3160	.60	.75	.89
	540	1150	10.5	35,900	2200	.59	.73	.87	10.2	34,700	2470	.59	.75	.89	9.8	33,500	2790	.60	.76	.90	9.4	32,200	3160	.61	.77	.92
71°F (21.7°C)	450	950	10.9	37,200	2210	.42	.55	.67	10.6	36,100	2480	.43	.55	.68	10.2	34,800	2810	.43	.56	.69	9.8	33,500	3190	.43	.57	.70
	495	1050	11.0	37,700	2210	.43	.56	.69	10.7	36,500	2490	.43	.57	.70	10.3	35,300	2820	.43	.57	.71	9.9	33,900	3200	.44	.58	.73
	540	1150	11.2	38,100	2220	.43	.57	.71	10.8	36,900	2490	.44	.58	.72	10.4	35,600	2820	.44	.59	.74	10.0	34,200	3210	.44	.60	.75

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

**HS25-411-413 — CB29M-41**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C		
63°F (17.2°C)	470	1000	10.2	34,800	2240	.72	.86	.97	9.9	33,700	2520	.73	.87	.98	9.5	32,500	2840	.75	.89	.99	9.1	31,200	3210	.76	.91	1.00
	565	1200	10.5	35,800	2250	.77	.91	1.00	10.2	34,700	2520	.78	.93	1.00	9.8	33,400	2850	.79	.94	1.00	9.4	32,100	3230	.81	.96	1.00
	660	1400	10.8	36,700	2250	.81	.96	1.00	10.4	35,500	2530	.82	.97	1.00	10.1	34,300	2860	.83	.98	1.00	9.7	33,000	3250	.85	.99	1.00
67°F (19.4°C)	470	1000	10.8	36,900	2250	.57	.70	.83	10.5	35,700	2530	.57	.71	.84	10.1	34,400	2870	.58	.72	.86	9.7	33,100	3250	.59	.73	.87
	565	1200	11.1	37,800	2260	.59	.74	.88	10.7	36,600	2540	.60	.75	.90	10.3	35,300	2880	.61	.77	.91	9.9	33,800	3270	.62	.78	.93
	660	1400	11.3	38,500	2270	.62	.78	.93	10.9	37,200	2550	.62	.80	.94	10.5	35,900	2890	.63	.81	.96	10.1	34,400	3290	.64	.83	.97
71°F (21.7°C)	470	1000	11.5	39,300	2280	.43	.55	.67	11.2	38,100	2560	.43	.56	.68	10.8	36,700	2900	.43	.56	.70	10.3	35,300	3300	.43	.57	.71
	565	1200	11.8	40,200	2290	.43	.58	.72	11.4	39,000	2570	.44	.58	.73	11.0	37,500	2910	.44	.59	.74	10.6	36,100	3320	.44	.60	.76
	660	1400	12.0	40,900	2290	.44	.60	.76	11.6	39,600	2570	.45	.61	.77	11.2	38,200	2920	.45	.62	.79	10.7	36,600	3330	.45	.63	.81

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

**HS25-411-413 — CB30M-31**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C		
63°F (17.2°C)	495	1050	10.5	35,700	2210	.73	.87	.99	10.1	34,500	2480	.74	.89	1.00	9.8	33,300	2810	.76	.90	1.00	9.3	31,900	3190	.77	.92	1.00
	540	1150	10.6	36,200	2220	.75	.90	1.00	10.3	35,000	2490	.77	.91	1.00	9.9	33,800	2820	.78	.93	1.00	9.5	32,400	3200	.79	.95	1.00
	590	1250	10.8	36,700	2220	.79	.92	1.00	10.4	35,500	2490	.79	.94	1.00	10.0	34,200	2820	.80	.96	1.00	9.6	32,900	3210	.82	.97	1.00
67°F (19.4°C)	495	1050	11.1	37,900	2230	.57	.71	.84	10.8	36,700	2510	.58	.72	.85	10.3	35,300	2840	.58	.73	.87	9.9	33,900	3230	.59	.74	.89
	540	1150	11.3	38,400	2230	.58	.73	.87	10.9	37,200	2510	.59	.74	.88	10.5	35,800	2850	.60	.75	.90	10.1	34,300	3240	.61	.77	.92
	590	1250	11.4	38,900	2240	.60	.75	.89	11.0	37,600	2520	.60	.76	.91	10.6	36,200	2850	.61	.78	.93	10.2	34,700	3250	.62	.79	.95
71°F (21.7°C)	495	1050	11.9	40,500	2260	.43	.56	.68	11.5	39,200	2540	.43	.56	.69	11.1	37,800	2880	.43	.57	.71	10.6	36,300	3290	.43	.58	.72
	540	1150	12.0	41,000	2260	.43	.57	.70	11.6	39,600	2540	.43	.58	.72	11.2	38,200	2890	.44	.58	.73	10.8	36,700	3300	.44	.59	.75
	590	1250	12.1	41,400	2270	.44	.58	.73	11.7	40,000	2550	.44	.59	.74	11.3	38,500	2900	.44	.60	.75	10.8	37,000	3310	.45	.61	.77

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

**HS25-411-413 — CB29M-46**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C		
63°F (17.2°C)	470	1000	10.5	35,900	2230	.72	.86	.97	10.2	34,700	2500	.73	.87	.99	9.8	33,400	2830	.74	.89	1.00	9.4	32,100	3210	.76	.90	1.00
	565	1200	10.8	37,000	2240	.76	.91	1.00	10.5	35,800	2510	.78	.93	1.00	10.1	34,500	2850	.79	.94	1.00	9.7	33,100	3230	.81	.96	1.00
	660	1400	11.1	38,000	2240	.80	.96	1.00	10.8	36,700	2520	.82	.97	1.00	10.4	35,400	2860	.83	.99	1.00	10.0	34,100	3250	.85	1.00	1.00
67°F (19.4°C)	470	1000	11.2	38,200	2250	.57	.70	.82	10.8	37,000	2530	.57	.71	.84	10.4	35,600	2860	.58	.72	.85	10.0	34,100	3260	.59	.73	.87
	565	1200	11.5	39,200	2260	.59	.74	.88	11.1	37,900	2540	.60	.75	.90	10.7	36,500	2880	.61	.77	.91	10.3	35,000	3280	.61	.78	.93
	660	1400	11.7	40,000	2260	.61	.78	.93	11.3	38,600	2550	.62	.80	.95	10.9	37,100	2890	.63	.81	.96	10.4	35,600	3290	.64	.83	.98
71°F (21.7°C)	470	1000	12.0	40,800	2270	.43	.55	.67	11.6	39,500	2560	.43	.55	.68	11.1	38,000	2900	.43	.56	.69	10.7	36,500	3320	.43	.57	.71
	565	1200	12.3	41,800	2290	.43	.57	.72	11.8	40,400	2570	.44	.58	.73	11.4	38,900	2920	.44	.59	.74	10.9	37,300	3340	.44	.60	.76
	660	1400	12.5	42,500	2300	.44	.60	.76	12.0																	

# RATINGS

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

## HS25-411-413 — CB30M-41

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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										
			kW	Btuh		75°F 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 (17.2°C)	470	1000	10.5	35,900	2200	.72	.86	.97	10.2	34,700	2480	.73	.87	.99	9.8	33,400	2800	.74	.89	1.00	9.4	32,000	3180	.76	.90	1.00
	565	1200	10.8	37,000	2210	.76	.91	1.00	10.5	35,800	2490	.78	.93	1.00	10.1	34,500	2820	.79	.94	1.00	9.7	33,100	3200	.81	.96	1.00
	660	1400	11.1	38,000	2220	.80	.96	1.00	10.8	36,700	2500	.82	.97	1.00	10.4	35,400	2830	.83	.99	1.00	10.0	34,100	3230	.85	1.00	1.00
67°F (19.4°C)	470	1000	11.2	38,200	2230	.57	.70	.82	10.8	36,900	2500	.57	.71	.84	10.4	35,600	2840	.58	.72	.85	10.0	34,100	3230	.59	.73	.87
	565	1200	11.5	39,300	2240	.59	.74	.88	11.1	37,900	2510	.60	.75	.90	10.7	36,500	2850	.60	.77	.91	10.3	35,000	3250	.61	.78	.93
	660	1400	11.7	40,000	2240	.61	.78	.93	11.3	38,600	2520	.62	.80	.95	10.9	37,200	2860	.63	.81	.96	10.4	35,600	3270	.64	.83	.98
71°F (21.7°C)	470	1000	12.0	40,800	2250	.43	.55	.67	11.6	39,500	2530	.43	.55	.68	11.2	38,100	2880	.43	.56	.69	10.7	36,500	3290	.43	.57	.71
	565	1200	12.3	41,800	2270	.43	.57	.71	11.8	40,400	2540	.44	.58	.73	11.4	38,900	2890	.44	.59	.74	11.0	37,400	3310	.44	.60	.76
	660	1400	12.5	42,600	2280	.44	.60	.76	12.1	41,200	2560	.45	.61	.77	11.6	39,600	2910	.45	.62	.79	11.1	38,000	3330	.45	.63	.81

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

## HS25-411-413 — CB31MV-41

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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										
			kW	Btuh		75°F 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 (17.2°C)	535	1135	10.6	36,200	2210	.75	.90	1.00	10.3	35,000	2490	.76	.91	1.00	9.9	33,700	2810	.78	.93	1.00	9.5	32,400	3200	.79	.95	1.00
	600	1275	10.8	36,900	2220	.78	.93	1.00	10.5	35,700	2490	.79	.95	1.00	10.1	34,400	2820	.81	.96	1.00	9.7	33,000	3210	.82	.98	1.00
	660	1400	11.0	37,400	2220	.80	.96	1.00	10.6	36,200	2500	.82	.97	1.00	10.2	34,900	2830	.83	.99	1.00	9.8	33,600	3230	.85	1.00	1.00
67°F (19.4°C)	535	1135	11.3	38,500	2230	.58	.73	.87	10.9	37,200	2510	.59	.74	.88	10.5	35,800	2840	.60	.75	.90	10.1	34,300	3240	.61	.77	.92
	600	1275	11.4	39,000	2240	.60	.76	.90	11.0	37,700	2520	.61	.77	.92	10.6	36,300	2860	.62	.78	.93	10.2	34,800	3260	.63	.80	.95
	660	1400	11.6	39,500	2240	.61	.78	.93	11.2	38,100	2520	.62	.80	.95	10.8	36,700	2860	.63	.81	.96	10.3	35,200	3270	.64	.83	.98
71°F (21.7°C)	535	1135	12.0	41,100	2260	.43	.57	.70	11.6	39,700	2540	.43	.57	.72	11.2	38,200	2890	.44	.58	.73	10.8	36,700	3300	.44	.59	.74
	600	1275	12.2	41,600	2270	.44	.58	.73	11.8	40,200	2550	.44	.59	.74	11.3	38,700	2900	.44	.60	.76	10.9	37,100	3320	.45	.61	.78
	660	1400	12.3	42,000	2280	.44	.60	.76	11.9	40,600	2560	.45	.61	.77	11.5	39,100	2910	.45	.62	.79	11.0	37,500	3330	.45	.63	.81

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

## HS25-411-413 — CB30M-46

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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										
			kW	Btuh		75°F 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 (17.2°C)	470	1000	10.5	35,700	2210	.72	.86	.97	10.1	34,500	2480	.73	.87	.99	9.7	33,200	2810	.74	.89	1.00	9.3	31,900	3180	.76	.90	1.00
	565	1200	10.8	36,800	2220	.76	.91	1.00	10.4	35,600	2490	.78	.93	1.00	10.1	34,300	2820	.79	.94	1.00	9.6	32,900	3210	.81	.96	1.00
	660	1400	11.1	37,800	2220	.80	.96	1.00	10.7	36,600	2500	.82	.97	1.00	10.3	35,300	2830	.83	.99	1.00	9.9	33,900	3230	.85	1.00	1.00
67°F (19.4°C)	470	1000	11.1	38,000	2230	.57	.70	.82	10.8	36,800	2500	.57	.71	.84	10.4	35,400	2840	.58	.72	.85	10.0	34,000	3230	.59	.73	.87
	565	1200	11.5	39,100	2240	.59	.74	.88	11.0	37,700	2510	.60	.75	.90	10.6	36,300	2850	.60	.77	.91	10.2	34,800	3250	.61	.78	.93
	660	1400	11.7	39,900	2250	.61	.78	.93	11.3	38,500	2520	.62	.80	.95	10.8	37,000	2870	.63	.81	.96	10.4	35,500	3270	.64	.83	.98
71°F (21.7°C)	470	1000	11.9	40,600	2260	.43	.55	.67	11.5	39,300	2530	.43	.55	.68	11.1	37,900	2880	.43	.56	.69	10.7	36,400	3290	.43	.57	.71
	565	1200	12.2	41,600	2270	.43	.57	.71	11.8	40,300	2550	.44	.58	.73	11.4	38,800	2900	.44	.59	.74	10.9	37,200	3310	.44	.60	.76
	660	1400	12.4	42,400	2280	.44	.60	.76	12.0	41,000	2560	.45	.61	.77	11.6	39,500	2910	.45	.62	.79	11.1	37,800	3330	.45	.63	.81

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

## HS25-411-413 — CVP10-41/EC10Q3

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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										
			kW	Btuh		75°F 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 (17.2°C)	450	950	10.3	35,200	2340	.73	.86	.98	10.0	34,000	2580	.74	.88	.99	9.6	32,800	2890	.75	.89	1.00	9.2	31,400	3260	.76	.91	1.00
	565	1200	10.8	36,900	2360	.78	.93	1.00	10.4	35,600	2610	.79	.95	1.00	10.0	34,200	2910	.80	.96	1.00	9.7	33,000	3290	.82	.98	1.00
	685	1450	11.2	38,200	2380	.83	.99	1.00	10.8	36,900	2630	.84	1.00	1.00	10.5	35,800	2940	.86	1.00	1.00	10.1	34,600	3340	.88	1.00	1.00
67°F (19.4°C)	450	950	11.0	37,500	2370	.58	.70	.83	10.6	36,200	2620	.58	.71	.84	10.2	34,900	2920	.59	.72	.86	9.8	33,600	3310	.59	.74	.87
	565	1200	11.5	39,300	2390	.60	.75	.90	11.1	38,000	2650	.61	.77	.91	10.7	36,500	2960	.62	.78	.93	10.3	35,100	3350	.63	.80	.95
	685	1450	11.9	40,500	2410	.64	.80	.96	11.5	39,100	2660	.64	.82	.98	11.0	37,700	2980	.65	.83	.99	10.6	36,200	3380	.67	.85	1.00
71°F (21.7°C)	450	950	11.6	39,700	2400	.43	.56	.68	11.3	38,500	2650	.44	.57	.69	10.9	37,100	2970	.44	.57	.70	10.5	35,800	3370	.44	.58	.71
	565	1200	12.2	41,600	2430	.45	.59	.73	11.8	40,300	2690	.45	.60	.74	11.4	38,900	3010	.45	.61	.75	11.0	37,500	3420	.46	.62	.77
	685	1450	12.6	43,000	2450	.46	.62	.78	12.2	41,600	2710	.47	.63	.79	11.8	40,100	3040	.47	.64	.81	11.3	38,600	3460	.47	.65	.83

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

# RATINGS

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

## HS25-461-463 — C23-41(W)(FC)

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	kW	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh	Watts Input	75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh	Watts Input	75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh	Watts Input	75°F 24°C	80°F 27°C	85°F 29°C		
63°F (17.2°C)	470	1000	11.1	37,800	2670	.67	.81	.92	10.7	36,500	2960	.68	.82	.93	10.3	35,200	3320	.69	.83	.95	9.9	33,900	3750	.70	.85	.97
	565	1200	11.5	39,400	2700	.71	.85	.98	11.2	38,100	2990	.72	.86	1.00	10.8	36,700	3350	.73	.87	1.00	10.3	35,300	3790	.74	.89	1.00
	660	1400	11.9	40,700	2720	.74	.88	1.00	11.5	39,300	3010	.75	.90	1.00	11.1	37,900	3370	.77	.92	1.00	10.6	36,300	3810	.78	.93	1.00
67°F (19.4°C)	470	1000	11.6	39,500	2700	.53	.67	.79	11.2	38,300	2990	.53	.68	.80	10.8	36,900	3350	.54	.69	.81	10.4	35,600	3790	.54	.70	.82
	565	1200	12.1	41,400	2730	.55	.70	.83	11.7	40,000	3030	.56	.71	.84	11.3	38,600	3390	.56	.72	.86	10.9	37,100	3830	.57	.73	.87
	660	1400	12.5	42,800	2750	.57	.72	.88	12.1	41,300	3050	.58	.73	.89	11.7	39,900	3410	.59	.74	.91	11.2	38,300	3870	.59	.76	.93
71°F (21.7°C)	470	1000	12.1	41,200	2730	.40	.54	.66	11.7	40,000	3020	.40	.55	.67	11.3	38,600	3390	.40	.55	.68	10.9	37,200	3830	.40	.56	.69
	565	1200	12.7	43,200	2760	.40	.56	.69	12.3	41,800	3060	.41	.56	.70	11.8	40,400	3430	.41	.57	.71	11.4	38,900	3880	.41	.58	.72
	660	1400	13.1	44,700	2790	.41	.57	.73	12.7	43,200	3090	.41	.58	.74	12.2	41,700	3460	.42	.59	.75	11.8	40,100	3920	.42	.60	.76

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

## HS25-461-463 — C23-46(FC)

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	kW	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh	Watts Input	75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh	Watts Input	75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh	Watts Input	75°F 24°C	80°F 27°C	85°F 29°C		
63°F (17.2°C)	565	1200	11.5	39,300	2690	.71	.86	.98	11.1	38,000	2980	.72	.87	1.00	10.7	36,600	3330	.73	.89	1.00	10.3	35,200	3770	.74	.91	1.00
	660	1400	11.9	40,600	2710	.75	.90	1.00	11.5	39,200	3000	.76	.92	1.00	11.0	37,700	3360	.77	.94	1.00	10.6	36,100	3790	.78	.96	1.00
	755	1600	12.2	41,600	2730	.78	.94	1.00	11.8	40,200	3020	.79	.96	1.00	11.3	38,500	3370	.81	.98	1.00	10.8	36,900	3820	.82	1.00	1.00
67°F (19.4°C)	565	1200	12.1	41,200	2720	.56	.71	.84	11.7	39,800	3010	.57	.72	.85	11.3	38,400	3370	.57	.73	.86	10.8	36,900	3820	.58	.74	.88
	660	1400	12.5	42,600	2740	.58	.73	.88	12.1	41,200	3040	.59	.75	.89	11.6	39,700	3400	.60	.76	.91	11.2	38,100	3850	.60	.77	.93
	755	1600	12.8	43,800	2760	.60	.76	.92	12.4	42,200	3060	.61	.78	.94	11.9	40,700	3430	.62	.79	.96	11.4	39,000	3880	.63	.81	.98
71°F (21.7°C)	565	1200	12.6	43,000	2750	.42	.56	.70	12.2	41,600	3050	.42	.57	.71	11.8	40,100	3410	.42	.58	.72	11.3	38,600	3870	.43	.58	.73
	660	1400	13.0	44,400	2780	.43	.58	.74	12.6	43,000	3080	.43	.59	.74	12.2	41,500	3450	.43	.60	.76	11.7	39,900	3900	.44	.61	.77
	755	1600	13.4	45,700	2800	.44	.60	.77	13.0	44,200	3100	.44	.61	.78	12.5	42,600	3470	.44	.62	.79	12.0	40,900	3930	.44	.63	.80

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

## HS25-461-463 — C26-41(FC)

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	kW	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh	Watts Input	75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh	Watts Input	75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh	Watts Input	75°F 24°C	80°F 27°C	85°F 29°C		
63°F (17.2°C)	470	1000	11.7	40,000	2670	.69	.83	.94	11.3	38,700	2960	.70	.84	.96	10.9	37,100	3310	.71	.85	.98	10.4	35,600	3750	.72	.87	.99
	565	1200	12.2	41,700	2700	.73	.87	1.00	11.8	40,200	2990	.74	.89	1.00	11.3	38,600	3340	.75	.90	1.00	10.8	37,000	3780	.76	.92	1.00
	660	1400	12.6	42,900	2720	.76	.92	1.00	12.1	41,300	3010	.78	.93	1.00	11.7	39,900	3370	.79	.95	1.00	11.1	38,000	3810	.81	.97	1.00
67°F (19.4°C)	470	1000	12.4	42,200	2710	.54	.68	.80	12.0	40,800	3000	.55	.69	.81	11.5	39,300	3360	.55	.70	.83	11.0	37,700	3800	.56	.71	.84
	565	1200	12.9	44,000	2740	.56	.71	.85	12.5	42,500	3030	.57	.72	.87	12.0	40,900	3400	.58	.73	.88	11.5	39,300	3840	.58	.75	.90
	660	1400	13.3	45,400	2760	.59	.74	.90	12.8	43,800	3060	.59	.76	.92	12.3	42,100	3420	.60	.77	.93	11.8	40,400	3870	.61	.78	.95
71°F (21.7°C)	470	1000	13.0	44,400	2750	.40	.54	.67	12.6	43,000	3040	.41	.55	.68	12.1	41,400	3410	.41	.56	.69	11.7	39,800	3860	.41	.56	.70
	565	1200	13.6	46,300	2780	.41	.56	.71	13.1	44,800	3080	.42	.57	.72	12.6	43,100	3450	.42	.58	.73	12.1	41,400	3900	.42	.59	.74
	660	1400	14.0	47,700	2800	.42	.58	.74	13.5	46,100	3110	.42	.59	.75	13.0	44,400	3480	.43	.60	.77	12.5	42,600	3940	.43	.61	.78

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

## HS25-461-463 — C23-51(FC)

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	kW	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh	Watts Input	75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh	Watts Input	75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh	Watts Input	75°F 24°C	80°F 27°C	85°F 29°C		
63°F (17.2°C)	565	1200	12.0	40,800	2700	.71	.85	.97	11.5	39,400	3000	.72	.87	.99	11.1	38,000	3350	.73	.88	1.00	10.7	36,500	3790	.74	.90	1.00
	660	1400	12.4	42,200	2730	.74	.89	1.00	11.9	40,700	3020	.75	.91	1.00	11.5	39,200	3380	.76	.93	1.00	11.0	37,700	3820	.78	.95	1.00
	755	1600	12.7	43,300	2750	.77	.93	1.00	12.3	41,900	3040	.79	.95	1.00	11.8	40,200	3400	.80	.96	1.00	11.3	38,600	3850	.81	.98	1.00
67°F (19.4°C)	565	1200	12.5	42,700	2740	.56	.70	.83	12.1	41,400	3030	.56	.71	.84	11.7	39,900	3400	.57	.72	.86	11.3	38,400	3840	.58	.73	.87
	660	1400	13.0	44,200	2760	.58	.73	.87	12.5	42,800	3060	.58	.74	.89	12.1	41,200	3430	.59	.75	.90	11.6	39,600	3880	.60	.77	.92
	755	1600	13.3	45,500	2780	.60	.76	.92	12.6	43,900	3090	.60	.77	.93	12.4	42,300	3450	.61	.78	.95	11.9	40,600	3910	.62	.80	.97
71°F (21.7°C)	565	1200	13.0	44,500	2770	.42	.56	.70	12.6	43,100	3070	.42	.57	.71	12.2	41,600	3440	.42	.58	.72	11.8	40,100	3890	.42	.58	.73
	660	1400	13.5	46,200	2800	.42	.58	.73	13.1	44,600	3100	.43	.59	.74	12.6	43,100	3470	.43	.59	.75	12.2	41,500	3940	.43	.60	.76
	755	1600	13.9	47,500	2820	.																				

# RATINGS

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

## HS25-461-463 — C23-51/65(FC)

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C
L/s	cfm	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input				
63°F (17.2°C)	565	1200	12.1	41,200	2670	.74	.88	.99	11.7	39,800	2980	.75	.89	1.00	11.2	38,200	3340	.76	.91	1.00	10.7	36,600	3750	.78	.93	1.00
	660	1400	12.4	42,300	2680	.77	.93	1.00	12.0	40,800	2990	.79	.94	1.00	11.5	39,300	3350	.80	.96	1.00	11.0	37,600	3770	.82	.98	1.00
	755	1600	12.7	43,300	2690	.81	.97	1.00	12.3	41,800	3000	.83	.98	1.00	11.8	40,300	3360	.84	.99	1.00	11.3	38,700	3780	.86	1.00	1.00
67°F (19.4°C)	565	1200	12.9	44,000	2700	.57	.71	.84	12.4	42,400	3010	.58	.72	.86	11.9	40,700	3370	.59	.74	.88	11.4	38,900	3790	.60	.75	.90
	660	1400	13.2	45,000	2720	.60	.75	.89	12.7	43,400	3020	.60	.76	.91	12.2	41,600	3380	.61	.78	.93	11.7	39,800	3790	.62	.80	.95
	755	1600	13.4	45,800	2730	.62	.79	.94	12.9	44,100	3040	.63	.80	.96	12.4	42,300	3390	.64	.82	.97	11.8	40,400	3810	.65	.84	.99
71°F (21.7°C)	565	1200	13.8	47,000	2740	.43	.56	.69	13.3	45,400	3050	.43	.56	.70	12.8	43,600	3410	.43	.57	.71	12.2	41,700	3830	.44	.58	.73
	660	1400	14.1	48,000	2760	.44	.58	.72	13.6	46,300	3060	.44	.59	.74	13.0	44,500	3420	.44	.60	.75	12.5	42,500	3840	.45	.61	.77
	755	1600	14.3	48,800	2770	.44	.60	.76	13.8	47,000	3070	.45	.61	.78	13.2	45,100	3430	.45	.63	.80	12.6	43,100	3850	.46	.64	.82

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

## HS25-461-463 — C26-46(FC)

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C
L/s	cfm	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input				
63°F (17.2°C)	565	1200	12.2	41,700	2720	.72	.86	.99	11.8	40,300	3010	.73	.88	1.00	11.4	38,800	3370	.74	.90	1.00	10.9	37,300	3810	.75	.91	1.00
	660	1400	12.6	43,100	2740	.75	.91	1.00	12.2	41,600	3040	.76	.93	1.00	11.8	40,100	3400	.78	.94	1.00	11.2	38,300	3840	.79	.96	1.00
	755	1600	13.0	44,400	2760	.79	.95	1.00	12.5	42,800	3060	.80	.96	1.00	12.0	41,100	3420	.81	.98	1.00	11.6	39,700	3870	.83	1.00	1.00
67°F (19.4°C)	565	1200	12.8	43,600	2750	.57	.71	.85	12.4	42,200	3050	.57	.72	.86	11.9	40,700	3410	.58	.73	.87	11.5	39,100	3860	.59	.74	.88
	660	1400	13.2	45,200	2780	.59	.74	.89	12.8	43,700	3080	.59	.75	.90	12.3	42,100	3440	.60	.77	.92	11.9	40,500	3900	.61	.78	.93
	755	1600	13.6	46,400	2800	.61	.77	.93	13.2	44,900	3100	.61	.78	.95	12.7	43,200	3470	.62	.80	.96	12.2	41,500	3930	.63	.82	.98
71°F (21.7°C)	565	1200	13.3	45,400	2780	.42	.57	.71	12.9	44,000	3080	.43	.57	.72	12.4	42,400	3450	.43	.58	.73	12.0	40,800	3910	.43	.59	.74
	660	1400	13.8	47,200	2810	.43	.59	.74	13.4	45,700	3120	.43	.59	.75	12.9	43,900	3490	.44	.60	.76	12.4	42,400	3960	.44	.61	.77
	755	1600	14.2	48,500	2840	.44	.60	.77	13.7	46,900	3150	.44	.61	.78	13.2	45,200	3530	.44	.62	.79	12.7	43,500	3990	.45	.63	.81

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

## HS25-461-463 — C26-51(FC)

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C
L/s	cfm	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input				
63°F (17.2°C)	565	1200	12.4	42,400	2720	.72	.87	.99	12.0	40,900	3010	.73	.88	1.00	11.5	39,400	3370	.74	.90	1.00	11.1	37,800	3810	.75	.92	1.00
	660	1400	12.8	43,800	2740	.76	.91	1.00	12.4	42,200	3040	.77	.93	1.00	11.9	40,600	3400	.78	.95	1.00	11.4	39,000	3850	.79	.97	1.00
	755	1600	13.2	45,000	2760	.79	.96	1.00	12.7	43,500	3060	.80	.97	1.00	12.3	41,800	3430	.82	.99	1.00	11.8	40,100	3880	.83	1.00	1.00
67°F (19.4°C)	565	1200	13.0	44,300	2750	.57	.71	.85	12.5	42,800	3050	.57	.72	.86	12.1	41,300	3420	.58	.73	.87	11.6	39,700	3870	.59	.75	.89
	660	1400	13.5	46,000	2780	.59	.74	.89	13.0	44,300	3080	.60	.76	.91	12.5	42,700	3450	.60	.77	.92	12.0	41,000	3910	.61	.78	.94
	755	1600	13.8	47,100	2800	.61	.78	.94	13.4	45,600	3110	.62	.79	.95	12.9	43,900	3480	.62	.80	.97	12.3	42,100	3940	.63	.82	.99
71°F (21.7°C)	565	1200	13.5	46,100	2790	.42	.57	.71	13.1	44,600	3090	.43	.57	.72	12.6	43,100	3460	.43	.58	.73	12.2	41,500	3920	.43	.59	.74
	660	1400	14.0	47,900	2820	.43	.59	.74	13.6	46,500	3120	.43	.59	.75	13.1	44,700	3500	.44	.60	.76	12.6	43,000	3970	.44	.61	.78
	755	1600	14.4	49,300	2840	.44	.61	.78	14.0	47,600	3150	.44	.62	.79	13.5	45,900	3530	.45	.63	.80	12.9	44,100	4000	.45	.64	.81

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

## HS25-461-463 — C26-51(FC)+G21V5

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C
L/s	cfm	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input				
63°F (17.2°C)	565	1200	12.1	41,400	2720	.74	.88	.99	11.7	39,900	3040	.75	.89	1.00	11.3	38,400	3400	.76	.91	1.00	10.8	36,700	3820	.78	.93	1.00
	660	1400	12.5	42,500	2740	.78	.93	1.00	12.0	41,000	3050	.79	.94	1.00	11.5	39,400	3420	.80	.96	1.00	11.1	37,800	3840	.82	.98	1.00
	755	1600	12.8	43,600	2750	.81	.97	1.00	12.3	42,100	3060	.83	.98	1.00	11.9	40,500	3430	.85	1.00	1.00	11.4	38,900	3850	.86	1.00	1.00
67°F (19.4°C)	565	1200	12.9	44,100	2760	.57	.71	.84	12.5	42,500	3070	.58	.72	.86	12.0	40,800	3440	.59	.74	.88	11.4	39,000	3860	.60	.75	.90
	660	1400	13.2	45,100	2770	.60	.75	.90	12.7	43,400	3080	.60	.76	.91	12.2	41,700	3450	.61	.78	.93	11.7	39,900	3870	.62	.80	.95
	755	1600	13.5	45,900	2780	.62	.79	.94	13.0	44,200	3090	.63	.81	.96	12.5	42,500	3460	.64	.82	.98	11.9	40,500	3880	.65	.84	.99
71°F (21.7°C)	565	1200	13.8	47,100	2800	.43	.56	.69	13.3	45,400	3110	.43	.56	.70	12.8	43,600	3480	.43	.57	.71	12.3	41,800				

**RATINGS**

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

**HS25-461-463 — C26-51(F)+G25MV5 — CR26-65(N)(W)+G25MV5**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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 (17.2°C)	565	1200	12.3	42,100	2790	.74	.88	.99	11.9	40,600	3110	.75	.89	1.00	11.4	39,000	3480	.76	.91	1.00	11.0	37,400	3910	.78	.93	1.00
	660	1400	12.7	43,300	2800	.78	.93	1.00	12.3	41,800	3120	.79	.94	1.00	11.8	40,100	3490	.80	.96	1.00	11.3	38,400	3920	.82	.98	1.00
	755	1600	13.0	44,300	2810	.81	.97	1.00	12.5	42,800	3130	.83	.98	1.00	12.1	41,200	3510	.85	1.00	1.00	11.6	39,600	3940	.86	1.00	1.00
67°F (19.4°C)	565	1200	13.2	44,900	2820	.57	.71	.84	12.7	43,300	3140	.58	.72	.86	12.2	41,500	3510	.59	.74	.88	11.6	39,700	3940	.60	.75	.90
	660	1400	13.5	45,900	2830	.60	.75	.90	13.0	44,200	3150	.60	.76	.91	12.4	42,400	3530	.61	.78	.93	11.9	40,600	3950	.62	.80	.95
	755	1600	13.7	46,700	2840	.62	.79	.94	13.2	45,000	3160	.63	.81	.96	12.7	43,200	3540	.64	.82	.98	12.1	41,300	3970	.65	.84	.99
71°F (21.7°C)	565	1200	14.0	47,900	2860	.43	.56	.69	13.5	46,200	3180	.43	.56	.70	13.0	44,400	3550	.43	.57	.71	12.5	42,500	3980	.44	.58	.73
	660	1400	14.4	49,000	2880	.44	.58	.73	13.8	47,200	3190	.44	.59	.74	13.3	45,300	3570	.44	.60	.76	12.7	43,300	4000	.45	.61	.77
	755	1600	14.6	49,700	2890	.45	.61	.77	14.0	47,900	3210	.45	.62	.78	13.5	46,000	3580	.45	.63	.80	12.9	43,900	4010	.46	.64	.82

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

**HS25-461-463 — CR26-41(N)(W)**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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 (17.2°C)	470	1000	11.1	37,900	2710	.70	.82	.94	10.7	36,600	3000	.70	.83	.95	10.3	35,200	3360	.72	.85	.97	9.9	33,800	3800	.73	.86	.98
	565	1200	11.6	39,500	2740	.73	.86	.98	11.2	38,100	3030	.74	.88	.99	10.7	36,600	3390	.75	.90	1.00	10.3	35,000	3840	.76	.92	1.00
	660	1400	11.9	40,600	2760	.76	.91	1.00	11.5	39,200	3050	.77	.92	1.00	11.1	37,800	3410	.78	.94	1.00	10.6	36,300	3860	.80	.96	1.00
67°F (19.4°C)	470	1000	11.8	40,100	2750	.56	.67	.78	11.4	38,800	3040	.56	.68	.80	11.0	37,400	3410	.57	.69	.81	10.5	35,900	3850	.57	.70	.83
	565	1200	12.3	41,800	2780	.58	.70	.83	11.8	40,300	3070	.58	.71	.84	11.4	38,900	3440	.59	.72	.86	10.9	37,300	3890	.60	.74	.88
	660	1400	12.6	43,100	2800	.59	.73	.87	12.2	41,600	3100	.60	.74	.89	11.8	40,100	3470	.61	.76	.91	11.3	38,400	3920	.62	.77	.93
71°F (21.7°C)	470	1000	12.4	42,300	2780	.43	.54	.65	12.0	40,900	3080	.43	.54	.65	11.6	39,500	3450	.43	.55	.66	11.1	38,000	3910	.43	.56	.67
	565	1200	12.9	44,100	2810	.44	.56	.68	12.5	42,600	3120	.44	.56	.69	12.0	41,300	3490	.44	.57	.70	11.6	39,500	3950	.44	.58	.71
	660	1400	13.3	45,500	2840	.44	.58	.71	12.9	43,900	3150	.45	.59	.72	12.4	42,300	3520	.45	.59	.73	11.9	40,700	3980	.45	.60	.75

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

**HS25-461-463 — CR26-51(N)(W)**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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 (17.2°C)	470	1000	11.3	38,400	2720	.70	.82	.93	10.9	37,100	3010	.70	.83	.95	10.5	35,700	3370	.71	.84	.97	10.1	34,300	3820	.73	.86	.98
	615	1300	11.9	40,700	2760	.74	.88	1.00	11.5	39,200	3050	.75	.90	1.00	11.1	37,800	3410	.77	.92	1.00	10.6	36,300	3870	.78	.94	1.00
	755	1600	12.4	42,400	2790	.79	.95	1.00	12.0	41,000	3080	.80	.96	1.00	11.5	39,300	3450	.82	.98	1.00	11.1	37,800	3900	.83	.99	1.00
67°F (19.4°C)	470	1000	11.9	40,700	2760	.56	.67	.78	11.5	39,400	3050	.56	.68	.79	11.1	38,000	3420	.57	.69	.81	10.7	36,500	3870	.57	.70	.82
	615	1300	12.6	43,100	2800	.58	.72	.85	12.2	41,700	3100	.59	.73	.87	11.8	40,100	3470	.60	.74	.88	11.3	38,500	3920	.61	.75	.90
	755	1600	13.1	44,800	2830	.61	.76	.91	12.7	43,200	3130	.62	.78	.93	12.2	41,600	3500	.63	.79	.95	11.7	39,900	3960	.64	.81	.97
71°F (21.7°C)	470	1000	12.6	42,900	2800	.43	.54	.64	12.2	41,600	3100	.43	.54	.65	11.8	40,100	3470	.43	.55	.66	11.3	38,600	3930	.43	.56	.67
	615	1300	13.3	45,500	2840	.44	.57	.69	12.9	44,000	3150	.44	.57	.70	12.4	42,400	3520	.44	.58	.71	11.9	40,700	3990	.45	.59	.73
	755	1600	13.9	47,300	2870	.45	.60	.74	13.4	45,700	3180	.45	.60	.75	12.9	44,000	3560	.46	.61	.77	12.4	42,300	4030	.46	.62	.78

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

**HS25-461-463 — CH23-41**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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 (17.2°C)	520	1100	11.5	39,300	2710	.70	.84	.96	11.1	38,000	3000	.71	.86	.97	10.7	36,500	3370	.72	.88	.99	10.3	35,000	3810	.73	.90	1.00
	660	1400	12.1	41,300	2740	.75	.91	1.00	11.6	39,600	3030	.77	.93	1.00	11.2	38,200	3400	.78	.95	1.00	10.7	36,600	3850	.79	.97	1.00
	800	1700	12.5	42,700	2760	.81	.97	1.00	12.0	41,000	3060	.82	.98	1.00	11.6	39,500	3430	.83	1.00	1.00	11.1	38,000	3880	.85	1.00	1.00
67°F (19.4°C)	520	1100	12.1	41,400	2740	.55	.69	.82	11.8	40,100	3040	.56	.70	.83	11.3	38,600	3410	.56	.71	.84	10.8	37,000	3860	.57	.73	.86
	660	1400	12.8	43,800	2770	.58	.74	.88	12.4	42,300	3080	.59	.75	.90	11.9	40,600	3440	.60	.77	.91	11.4	38,900	3890	.61	.78	.93
	800	1700	13.2	45,200	2800	.62	.78	.95	12.8	43,600	3100	.62	.80	.97	12.3	41,800	3470	.63	.82	.99	11.8	40,100	3920	.64	.84	1.00
71°F (21.7°C)	520	1100	12.8	43,800	2770	.42	.55	.69	12.4	42,200	3080	.42	.55	.70	11.9	40,700	3450	.42	.56	.70	11.5	39,100	3900	.42	.57	.71
	660	1400	13.5	46,000	2810	.43	.58	.74	13.0	44,400	3110	.43	.59	.75	12.5	42,800	3490	.43	.60	.76	12.0	41,000	3940	.44	.61	.77
	800	1700	13.9	47,500	2830	.44	.61	.78	13.4	45,800	3140	.44	.62	.80												

# RATINGS

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

## HS25-461-463 — CH23-51 EVAPORATOR UNIT

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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 (17.2°C)	520	1100	11.6	39,700	2710	.70	.85	.96	11.3	38,400	3010	.71	.86	.98	10.8	36,900	3370	.72	.88	.99	10.4	35,400	3820	.73	.90	1.00
	660	1400	12.3	41,800	2740	.76	.91	1.00	11.8	40,100	3040	.77	.93	1.00	11.3	38,700	3400	.78	.95	1.00	10.8	37,000	3850	.79	.97	1.00
	800	1700	12.7	43,300	2770	.81	.97	1.00	12.2	41,600	3070	.82	.99	1.00	11.7	40,000	3430	.84	1.00	1.00	11.3	38,600	3880	.85	1.00	1.00
67°F (19.4°C)	520	1100	12.3	41,900	2750	.56	.69	.82	11.9	40,500	3050	.56	.70	.83	11.4	39,000	3410	.57	.71	.85	11.0	37,400	3860	.57	.73	.86
	660	1400	13.0	44,200	2780	.59	.74	.89	12.5	42,700	3080	.59	.75	.90	12.0	41,100	3450	.60	.77	.92	11.5	39,400	3900	.61	.79	.93
	800	1700	13.4	45,700	2810	.62	.79	.96	12.9	44,100	3110	.63	.81	.97	12.4	42,300	3480	.63	.82	.99	11.9	40,500	3930	.64	.85	1.00
71°F (21.7°C)	520	1100	13.0	44,300	2780	.42	.55	.69	12.5	42,700	3080	.42	.55	.70	12.1	41,200	3450	.42	.56	.71	11.6	39,500	3910	.43	.57	.72
	660	1400	13.7	46,600	2820	.43	.58	.74	13.2	45,000	3120	.43	.59	.75	12.7	43,300	3490	.44	.60	.76	12.2	41,500	3950	.44	.61	.77
	800	1700	14.1	48,200	2840	.44	.61	.79	13.6	46,400	3150	.45	.62	.80	13.1	44,600	3520	.45	.64	.81	12.5	42,700	3980	.45	.65	.83

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

## HS25-461-463 — CB29M-41

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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 (17.2°C)	590	1250	11.4	39,000	2670	.75	.89	.99	11.1	37,800	2980	.76	.90	1.00	10.7	36,400	3340	.77	.92	1.00	10.2	34,900	3760	.78	.93	1.00
	635	1350	11.6	39,500	2670	.76	.91	1.00	11.2	38,200	2980	.77	.92	1.00	10.8	36,800	3350	.79	.94	1.00	10.3	35,300	3770	.81	.96	1.00
	685	1450	11.7	39,900	2680	.78	.93	1.00	11.3	38,600	2990	.79	.94	1.00	10.9	37,200	3350	.81	.96	1.00	10.5	35,800	3770	.82	.97	1.00
67°F (19.4°C)	590	1250	12.1	41,300	2690	.58	.72	.86	11.7	39,900	3000	.59	.73	.87	11.3	38,400	3370	.59	.75	.89	10.8	36,900	3790	.60	.76	.91
	635	1350	12.2	41,700	2690	.59	.74	.88	11.8	40,300	3010	.60	.75	.89	11.4	38,800	3370	.61	.77	.91	10.9	37,200	3790	.61	.78	.93
	685	1450	12.3	42,100	2700	.60	.76	.90	11.9	40,700	3010	.61	.77	.92	11.5	39,100	3380	.62	.79	.93	11.0	37,500	3800	.63	.80	.95
71°F (21.7°C)	590	1250	12.9	44,000	2720	.43	.56	.70	12.5	42,500	3030	.43	.57	.71	12.0	40,900	3400	.43	.58	.72	11.5	39,200	3820	.44	.59	.74
	635	1350	13.0	44,400	2730	.43	.58	.72	12.6	42,900	3040	.44	.58	.73	12.1	41,300	3400	.44	.59	.74	11.6	39,600	3820	.44	.60	.76
	685	1450	13.1	44,700	2730	.44	.59	.73	12.7	43,200	3040	.44	.59	.75	12.2	41,600	3410	.44	.60	.76	11.7	39,900	3830	.45	.62	.78

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

## HS25-461-463 — CB29M-46

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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 (17.2°C)	565	1200	11.9	40,500	2750	.73	.87	.99	11.5	39,100	3070	.74	.89	.99	11.0	37,700	3440	.76	.90	1.00	10.6	36,100	3860	.77	.92	1.00
	635	1350	12.1	41,300	2760	.76	.91	1.00	11.7	39,900	3070	.77	.92	1.00	11.3	38,400	3450	.79	.94	1.00	10.8	36,800	3870	.80	.96	1.00
	710	1500	12.3	42,000	2760	.79	.94	1.00	11.9	40,600	3080	.80	.95	1.00	11.5	39,100	3450	.82	.97	1.00	11.0	37,500	3880	.83	.98	1.00
67°F (19.4°C)	565	1200	12.6	43,000	2780	.57	.71	.84	12.2	41,500	3100	.58	.72	.85	11.7	39,900	3470	.59	.73	.87	11.2	38,200	3900	.59	.75	.89
	635	1350	12.8	43,700	2790	.59	.74	.88	12.4	42,200	3110	.60	.75	.89	11.9	40,600	3470	.60	.76	.91	11.4	38,800	3900	.61	.78	.93
	710	1500	13.0	44,300	2790	.60	.76	.91	12.5	42,700	3110	.61	.78	.93	12.0	41,100	3480	.62	.79	.94	11.5	39,300	3910	.63	.81	.96
71°F (21.7°C)	565	1200	13.5	45,900	2810	.43	.56	.68	13.0	44,300	3130	.43	.56	.69	12.5	42,600	3500	.43	.57	.71	12.0	40,800	3930	.44	.58	.72
	635	1350	13.7	46,600	2820	.43	.57	.71	13.2	45,000	3140	.44	.58	.73	12.7	43,200	3510	.44	.59	.74	12.1	41,400	3940	.44	.60	.76
	710	1500	13.8	47,200	2830	.44	.59	.74	13.3	45,500	3150	.44	.60	.75	12.8	43,700	3520	.45	.61	.77	12.3	41,800	3950	.45	.62	.79

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

## HS25-461-463 — CB29M-51

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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 (17.2°C)	565	1200	12.0	41,100	2790	.73	.87	.99	11.6	39,700	3120	.74	.89	1.00	11.2	38,200	3490	.76	.90	1.00	10.7	36,500	3920	.77	.92	1.00
	660	1400	12.4	42,200	2810	.77	.92	1.00	11.9	40,700	3130	.78	.93	1.00	11.5	39,100	3500	.80	.95	1.00	11.0	37,500	3940	.81	.97	1.00
	755	1600	12.6	43,100	2820	.80	.96	1.00	12.2	41,600	3140	.82	.97	1.00	11.8	40,100	3510	.83	.99	1.00	11.3	38,500	3950	.85	1.00	1.00
67°F (19.4°C)	565	1200	12.8	43,700	2820	.57	.71	.84	12.4	42,200	3150	.58	.72	.85	11.9	40,500	3520	.59	.73	.87	11.4	38,800	3960	.59	.75	.89
	660	1400	13.1	44,700	2840	.59	.74	.89	12.6	43,000	3160	.60	.76	.90	12.1	41,300	3540	.61	.77	.92	11.6	39,500	3970	.62	.79	.94
	755	1600	13.3	45,400	2850	.61	.78	.93	12.8	43,800	3170	.62	.80	.95	12.3	42,000	3540	.63	.81	.96	11.8	40,200	3980	.65	.83	.98
71°F (21.7°C)	565	1200	13.7	46,600	2860	.43	.55	.68	13.2	45,000	3190	.43	.56	.69	12.7	43,300	3560	.43	.57	.71	12.1	41,400	4000	.44	.58	.72
	660	1400	14.0	47,600	2880	.43	.58	.72	13.5	45,900	3200	.44	.59	.73	12.9	44,100	3570	.44	.60	.75	12.4	42,200	4010	.44	.61	.77
	755	1600	14.2	48,300	2890	.44	.60	.76	13.6	46,500	3210	.45	.61	.77	13.1	44										

**RATINGS**

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

**HS25-461-463 — CB30M-41**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C		
63°F (17.2°C)	495	1050	11.7	40,000	2670	.71	.84	.95	11.3	38,600	2980	.72	.85	.97	10.9	37,200	3340	.73	.86	.98	10.4	35,600	3760	.74	.88	.99
	590	1250	12.1	41,300	2690	.74	.88	.99	11.7	39,800	2990	.75	.90	1.00	11.2	38,300	3360	.77	.92	1.00	10.8	36,700	3770	.78	.94	1.00
	685	1450	12.4	42,300	2700	.78	.93	1.00	12.0	40,800	3010	.79	.94	1.00	11.5	39,300	3370	.81	.96	1.00	11.0	37,600	3790	.82	.98	1.00
67°F (19.4°C)	495	1050	12.5	42,700	2700	.56	.68	.80	12.1	41,200	3010	.56	.69	.81	11.6	39,600	3370	.57	.70	.83	11.1	37,900	3790	.58	.71	.85
	590	1250	12.8	43,800	2720	.58	.72	.85	12.4	42,300	3030	.58	.73	.87	11.9	40,600	3390	.59	.74	.88	11.4	38,900	3800	.60	.76	.90
	685	1450	13.1	44,700	2730	.60	.75	.90	12.6	43,100	3040	.61	.77	.92	12.1	41,400	3400	.62	.78	.93	11.6	39,600	3810	.63	.80	.95
71°F (21.7°C)	495	1050	13.4	45,600	2740	.42	.54	.65	12.9	44,000	3050	.42	.54	.66	12.4	42,300	3410	.43	.55	.67	11.9	40,600	3830	.43	.56	.69
	590	1250	13.7	46,700	2760	.43	.56	.69	13.2	45,100	3060	.43	.57	.70	12.7	43,400	3430	.43	.58	.72	12.2	41,500	3840	.44	.59	.73
	685	1450	14.0	47,600	2770	.44	.58	.73	13.5	45,900	3080	.44	.59	.74	12.9	44,100	3440	.44	.60	.76	12.4	42,200	3850	.45	.61	.78

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

**HS25-461-463 — CB31MV-41**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C		
63°F (17.2°C)	535	1135	11.9	40,600	2680	.72	.86	.98	11.5	39,200	2990	.73	.87	.99	11.0	37,700	3340	.75	.89	1.00	10.6	36,100	3760	.76	.91	1.00
	600	1275	12.1	41,300	2680	.75	.89	1.00	11.7	39,900	2990	.76	.90	1.00	11.2	38,300	3350	.77	.92	1.00	10.8	36,700	3770	.79	.94	1.00
	660	1400	12.3	42,000	2690	.77	.92	1.00	11.9	40,500	3000	.78	.93	1.00	11.4	38,900	3360	.80	.95	1.00	10.9	37,300	3780	.81	.97	1.00
67°F (19.4°C)	535	1135	12.7	43,200	2710	.57	.70	.83	12.2	41,700	3020	.57	.71	.84	11.8	40,100	3370	.58	.72	.86	11.3	38,400	3790	.59	.74	.88
	600	1275	12.9	43,900	2710	.58	.72	.86	12.4	42,300	3020	.59	.73	.87	11.9	40,700	3380	.59	.75	.89	11.4	38,900	3800	.60	.76	.91
	660	1400	13.0	44,400	2720	.59	.74	.89	12.5	42,800	3030	.60	.76	.90	12.0	41,100	3390	.61	.77	.92	11.5	39,300	3800	.62	.79	.94
71°F (21.7°C)	535	1135	13.5	46,100	2740	.43	.55	.67	13.0	44,500	3050	.43	.56	.68	12.5	42,800	3410	.43	.56	.70	12.0	41,000	3830	.43	.57	.71
	600	1275	13.7	46,800	2750	.43	.56	.70	13.2	45,200	3060	.43	.57	.71	12.7	43,400	3420	.44	.58	.72	12.2	41,500	3840	.44	.59	.74
	660	1400	13.9	47,300	2760	.43	.58	.72	13.4	45,600	3070	.44	.59	.73	12.8	43,800	3430	.44	.60	.75	12.3	42,000	3840	.44	.61	.77

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

**HS25-461-463 — CB30M-46**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C		
63°F (17.2°C)	590	1250	12.4	42,200	2690	.74	.88	.99	11.9	40,700	3000	.75	.90	1.00	11.5	39,200	3360	.77	.92	1.00	11.0	37,500	3780	.78	.94	1.00
	660	1400	12.6	43,000	2700	.77	.92	1.00	12.2	41,500	3010	.78	.93	1.00	11.7	39,900	3370	.80	.95	1.00	11.2	38,200	3790	.81	.97	1.00
	730	1550	12.8	43,700	2710	.80	.95	1.00	12.4	42,200	3020	.81	.96	1.00	11.9	40,600	3380	.83	.98	1.00	11.4	39,000	3790	.84	.99	1.00
67°F (19.4°C)	590	1250	13.1	44,800	2720	.58	.72	.85	12.7	43,200	3030	.58	.73	.87	12.2	41,500	3390	.59	.74	.88	11.6	39,700	3810	.60	.76	.90
	660	1400	13.3	45,500	2730	.59	.74	.89	12.9	43,900	3040	.60	.76	.90	12.3	42,100	3400	.61	.77	.92	11.8	40,300	3820	.62	.79	.94
	730	1550	13.5	46,100	2740	.61	.77	.92	13.0	44,400	3050	.62	.79	.94	12.5	42,700	3400	.63	.80	.95	12.0	40,800	3820	.64	.82	.97
71°F (21.7°C)	590	1250	14.0	47,800	2760	.43	.56	.69	13.5	46,100	3070	.43	.57	.70	13.0	44,300	3430	.43	.58	.72	12.4	42,400	3850	.44	.59	.73
	660	1400	14.2	48,500	2770	.43	.58	.72	13.7	46,800	3080	.44	.59	.73	13.2	44,900	3440	.44	.60	.75	12.6	43,000	3850	.44	.61	.77
	730	1550	14.4	49,000	2770	.44	.60	.75	13.9	47,300	3080	.44	.60	.76	13.3	45,400	3440	.45	.62	.78	12.7	43,400	3860	.45	.63	.80

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

**HS25-461-463 — CB30M-51**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C		
63°F (17.2°C)	565	1200	12.4	42,200	2690	.73	.87	.99	11.9	40,700	3000	.74	.88	1.00	11.5	39,100	3360	.75	.90	1.00	11.0	37,400	3770	.77	.92	1.00
	660	1400	12.7	43,400	2710	.77	.92	1.00	12.3	41,800	3020	.78	.93	1.00	11.8	40,100	3380	.80	.95	1.00	11.3	38,400	3790	.81	.97	1.00
	755	1600	13.0	44,400	2720	.80	.96	1.00	12.5	42,800	3030	.82	.98	1.00	12.1	41,200	3390	.83	.99	1.00	11.6	39,500	3810	.85	1.00	1.00
67°F (19.4°C)	565	1200	13.2	45,000	2730	.57	.70	.84	12.7	43,400	3040	.58	.72	.85	12.2	41,700	3400	.58	.73	.87	11.7	39,800	3810	.59	.74	.89
	660	1400	13.5	46,100	2740	.59	.74	.89	13.0	44,300	3050	.60	.76	.90	12.5	42,500	3410	.61	.77	.92	11.9	40,600	3820	.62	.79	.94
	755	1600	13.7	46,900	2750	.61	.78	.93	13.2	45,100	3060	.62	.80	.95	12.7	43,200	3420	.63	.81	.97	12.1	41,400	3830	.65	.83	.99
71°F (21.7°C)	565	1200	14.1	48,100	2770	.43	.55	.68	13.6	46,400	3080	.43	.56	.69	13.0	44,500	3440	.43	.57	.70	12.5	42,600	3850	.43	.58	.72
	660	1400	14.4	49,100	2790	.43	.58	.72	13.9	47,400	3090	.44	.58	.73	13.3	45,400	3450	.44	.59	.75	12.7	43,400	3870	.44	.61	.76
	755	1600	14.6	49,900																						

# RATINGS

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

## HS25-461-463 — CB31MV-51

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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								
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C	75°F 24°C	80°F 27°C	85°F 29°C			
L/s	cfm	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input										
63°F (17.2°C)	570	1205	11.8	40,100	2680	.73	.87	.99	11.3	38,600	2990	.74	.89	1.00	10.9	37,100	3340	.75	.90	1.00	10.4	35,500	3750	.77	.92	1.00
	670	1425	12.1	41,300	2690	.77	.92	1.00	11.7	39,800	3000	.78	.94	1.00	11.2	38,200	3360	.80	.96	1.00	10.7	36,600	3770	.82	.98	1.00
	765	1625	12.4	42,300	2710	.81	.97	1.00	12.0	40,800	3010	.83	.98	1.00	11.5	39,300	3370	.84	1.00	1.00	11.0	37,700	3790	.86	1.00	1.00
67°F (19.4°C)	570	1205	12.5	42,700	2720	.57	.70	.84	12.1	41,200	3020	.58	.72	.85	11.6	39,500	3380	.58	.73	.87	11.1	37,800	3790	.59	.75	.89
	670	1425	12.8	43,800	2730	.59	.75	.89	12.4	42,200	3030	.60	.76	.91	11.8	40,400	3390	.61	.78	.93	11.3	38,600	3800	.62	.79	.95
	765	1625	13.1	44,600	2740	.62	.79	.94	12.6	42,900	3050	.63	.80	.96	12.1	41,200	3400	.64	.82	.98	11.5	39,300	3810	.65	.84	.99
71°F (21.7°C)	570	1205	13.4	45,700	2760	.43	.55	.68	12.9	44,000	3060	.43	.56	.69	12.4	42,300	3420	.43	.57	.70	11.8	40,400	3830	.43	.58	.72
	670	1425	13.7	46,700	2770	.44	.58	.72	13.2	45,000	3080	.44	.59	.74	12.7	43,200	3430	.44	.60	.75	12.1	41,300	3840	.45	.61	.77
	765	1625	13.9	47,500	2780	.44	.61	.77	13.4	45,800	3090	.45	.62	.78	12.9	43,900	3440	.45	.63	.80	12.3	41,900	3850	.46	.64	.82

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

## HS25-461-463 — CVP10-46/EC10Q4

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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								
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C	75°F 24°C	80°F 27°C	85°F 29°C			
L/s	cfm	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input										
63°F (17.2°C)	520	1100	11.5	39,400	2730	.73	.86	.98	11.1	38,000	3020	.74	.87	.99	10.7	36,500	3380	.75	.89	1.00	10.3	35,000	3820	.76	.91	1.00
	660	1400	12.1	41,300	2760	.77	.93	1.00	11.6	39,700	3060	.79	.94	1.00	11.2	38,200	3420	.80	.96	1.00	10.8	36,700	3860	.82	.98	1.00
	800	1700	12.5	42,700	2780	.82	.98	1.00	12.1	41,200	3080	.84	.99	1.00	11.6	39,700	3450	.85	1.00	1.00	11.3	38,400	3910	.88	1.00	1.00
67°F (19.4°C)	520	1100	12.3	41,800	2770	.58	.70	.82	11.8	40,400	3070	.58	.71	.84	11.4	38,900	3430	.59	.72	.85	11.0	37,400	3880	.59	.73	.87
	660	1400	12.9	43,900	2810	.60	.75	.89	12.4	42,300	3110	.61	.76	.91	12.0	40,800	3480	.62	.78	.93	11.5	39,100	3930	.63	.79	.95
	800	1700	13.3	45,300	2830	.63	.80	.95	12.8	43,700	3130	.64	.81	.97	12.3	42,100	3510	.65	.83	.99	11.8	40,300	3970	.67	.85	1.00
71°F (21.7°C)	520	1100	13.0	44,400	2810	.43	.56	.67	12.5	42,800	3120	.44	.56	.68	12.1	41,300	3490	.43	.57	.69	11.7	39,800	3950	.44	.58	.71
	660	1400	13.7	46,600	2850	.44	.59	.72	13.2	45,000	3160	.45	.60	.74	12.7	43,300	3540	.45	.61	.75	12.2	41,600	4010	.46	.62	.77
	800	1700	14.1	48,200	2880	.46	.62	.77	13.6	46,500	3190	.47	.63	.79	13.1	44,700	3570	.47	.64	.81	12.6	42,900	4050	.47	.65	.83

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

## HS25-511-513 — C23-46(FC)

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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								
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C	75°F 24°C	80°F 27°C	85°F 29°C			
L/s	cfm	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input										
63°F (17.2°C)	615	1300	13.2	45,100	3030	.65	.80	.93	12.7	43,500	3340	.66	.82	.95	12.3	41,900	3720	.67	.83	.97	11.8	40,300	4200	.68	.85	.99
	755	1600	13.8	47,200	3040	.69	.86	1.00	13.4	45,600	3350	.70	.87	1.00	12.9	43,900	3730	.71	.89	1.00	12.3	42,100	4210	.73	.92	1.00
	895	1900	14.3	48,900	3040	.74	.91	1.00	13.8	47,100	3360	.75	.93	1.00	13.3	45,300	3740	.77	.95	1.00	12.7	43,300	4210	.79	.98	1.00
67°F (19.4°C)	615	1300	13.8	47,200	3040	.51	.65	.77	13.4	45,700	3350	.52	.65	.79	12.9	44,100	3730	.52	.66	.80	12.4	42,300	4210	.53	.67	.82
	755	1600	14.6	49,700	3050	.54	.68	.84	14.1	48,000	3370	.54	.69	.85	13.5	46,100	3750	.55	.70	.87	13.0	44,300	4220	.56	.72	.89
	895	1900	15.0	51,300	3060	.56	.71	.90	14.5	49,600	3370	.57	.73	.92	14.0	47,700	3760	.57	.74	.94	13.4	45,700	4230	.58	.76	.96
71°F (21.7°C)	615	1300	14.4	49,300	3050	.38	.52	.64	14.0	47,600	3360	.39	.52	.65	13.5	46,000	3740	.39	.53	.66	13.0	44,200	4220	.39	.54	.66
	755	1600	15.2	51,800	3060	.39	.54	.68	14.7	50,100	3370	.40	.55	.69	14.2	48,300	3760	.40	.55	.70	13.6	46,400	4240	.40	.56	.71
	895	1900	15.7	53,600	3080	.40	.56	.72	15.2	51,700	3390	.41	.57	.73	14.6	49,900	3770	.41	.58	.75	14.0	47,900	4260	.41	.59	.76

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

## HS25-511-513 — C26-41(FC)

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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								
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C	75°F 24°C	80°F 27°C	85°F 29°C			
L/s	cfm	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input										
63°F (17.2°C)	470	1000	13.2	45,100	3020	.62	.75	.87	12.8	43,600	3340	.62	.76	.89	12.3	42,100	3740	.63	.78	.91	11.8	40,300	4210	.64	.79	.93
	615	1300	14.1	48,200	3030	.66	.81	.97	13.6	46,500	3340	.67	.83	.99	13.1	44,800	3720	.69	.85	1.00	12.6	42,900	4200	.70	.87	1.00
	755	1600	14.8	50,400	3040	.72	.88	1.00	14.2	48,500	3360	.73	.90	1.00	13.7	46,600	3740	.75	.92	1.00	13.1	44,600	4210	.76	.94	1.00
67°F (19.4°C)	470	1000	14.0	47,700	3030	.49	.61	.73	13.5	46,100	3340	.49	.62	.74	13.0	44,500	3730	.50	.63	.75	12.5	42,800	4200	.50	.64	.76
	615	1300	14.9	51,000	3050	.51	.65	.80	14.4	49,200	3360	.52	.66	.81	13.9	47,500	3740	.53	.67	.83	13.4	45,600	4210	.53	.68	.85
	755	1600	15.6	53,300	3050	.54	.69	.87	15.1	51,400	3360	.55	.70	.89	14.5	49,400	3760	.56	.72	.91	13.9	47,300	4230	.56	.73	.93
71°F (21.7°C)	470	1000	14.7	50,300	3040	.37	.50	.60	14.3	48,700	3350	.37	.50	.61	13.7	46,900	3740	.37	.51	.62	13.2	45,100	4210	.37	.51	.63
	615	1300	15.7	53,600	3060	.38	.52	.65	15.2	51,800	3370	.38	.53	.66	14.7	50,100	3750	.38	.53	.66	14.1	48,000	4240	.38	.54	.68
	755	1600	16.4	56,100	3080	.39	.54	.69	15.9	54,100	3390	.39	.55	.71	15.3	52,100	3770	.39	.56	.72	14.7	50,000	4250	.40	.57	.74

**RATINGS**

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

**HS25-511-513 — C23-51(FC)**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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 (17.2°C)	615	1300	13.4	45,600	3040	.64	.79	.92	12.9	44,100	3350	.65	.81	.94	12.5	42,500	3720	.66	.82	.96	12.0	40,800	4200	.67	.84	.98
	755	1600	14.0	47,900	3040	.68	.84	1.00	13.5	46,200	3360	.69	.86	1.00	13.0	44,500	3740	.70	.88	1.00	12.5	42,700	4220	.72	.90	1.00
	895	1900	14.5	49,600	3050	.73	.90	1.00	14.0	47,800	3360	.74	.92	1.00	13.5	46,000	3750	.75	.94	1.00	12.9	44,000	4230	.77	.96	1.00
67°F (19.4°C)	615	1300	14.0	47,800	3050	.51	.64	.76	13.6	46,300	3360	.51	.65	.78	13.1	44,600	3740	.52	.66	.79	12.6	42,900	4220	.52	.67	.80
	755	1600	14.8	50,400	3060	.53	.67	.82	14.2	48,600	3370	.54	.68	.84	13.7	46,900	3760	.54	.69	.86	13.2	45,000	4230	.55	.71	.87
	895	1900	15.3	52,100	3070	.55	.70	.89	14.7	50,300	3380	.56	.72	.90	14.2	48,400	3760	.57	.73	.92	13.6	46,400	4250	.58	.75	.95
71°F (21.7°C)	615	1300	14.6	49,900	3060	.38	.51	.63	14.2	48,300	3370	.38	.52	.64	13.7	46,600	3760	.38	.52	.65	13.2	44,900	4230	.39	.53	.66
	755	1600	15.4	52,600	3070	.39	.53	.67	14.9	50,800	3380	.39	.54	.68	14.4	49,000	3770	.39	.55	.69	13.8	47,000	4260	.40	.55	.70
	895	1900	16.0	54,500	3090	.40	.55	.71	15.4	52,500	3400	.40	.56	.72	14.8	50,600	3790	.40	.57	.74	14.2	48,600	4260	.41	.58	.75

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

**HS25-511-513 — C23-51/65(FC)**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C
63°F (17.2°C)	615	1300	13.5	45,900	3040	.65	.80	.93	13.0	44,400	3350	.66	.81	.95	12.5	42,800	3730	.67	.83	.97	12.0	41,100	4200	.68	.85	.99
	755	1600	14.2	48,300	3050	.69	.86	1.00	13.7	46,700	3360	.70	.87	1.00	13.2	44,900	3750	.71	.89	1.00	12.6	43,000	4220	.73	.92	1.00
	895	1900	14.7	50,000	3060	.73	.91	1.00	14.1	48,200	3370	.75	.93	1.00	13.5	46,200	3760	.77	.96	1.00	13.0	44,300	4230	.78	.98	1.00
67°F (19.4°C)	615	1300	14.1	48,200	3050	.51	.64	.77	13.7	46,600	3360	.52	.65	.78	13.2	44,900	3750	.52	.66	.80	12.7	43,200	4220	.53	.67	.81
	755	1600	14.9	50,800	3060	.53	.68	.83	14.4	49,000	3370	.54	.69	.85	13.8	47,200	3760	.55	.70	.87	13.2	45,200	4240	.55	.72	.89
	895	1900	15.4	52,600	3080	.56	.71	.90	14.8	50,500	3390	.57	.73	.92	14.3	48,700	3770	.57	.74	.94	13.7	46,700	4260	.58	.76	.96
71°F (21.7°C)	615	1300	14.7	50,300	3060	.38	.52	.64	14.2	48,600	3370	.39	.52	.65	13.7	46,900	3760	.39	.53	.65	13.2	45,100	4240	.39	.53	.66
	755	1600	15.5	53,000	3080	.39	.54	.68	15.0	51,200	3390	.40	.54	.68	14.4	49,300	3770	.40	.55	.70	13.9	47,300	4260	.40	.56	.71
	895	1900	16.1	54,800	3100	.40	.56	.72	15.5	52,900	3410	.41	.57	.73	14.9	51,000	3790	.41	.58	.74	14.3	48,900	4270	.41	.59	.76

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

**HS25-511-513 — C26-46(FC)**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C
63°F (17.2°C)	615	1300	14.5	49,500	3040	.65	.80	.94	14.0	47,800	3350	.66	.82	.96	13.5	46,100	3730	.67	.83	.97	13.0	44,400	4200	.68	.85	1.00
	755	1600	15.3	52,200	3050	.69	.86	1.00	14.7	50,200	3360	.70	.88	1.00	14.2	48,500	3750	.72	.90	1.00	13.6	46,400	4220	.73	.92	1.00
	895	1900	15.7	53,700	3060	.74	.92	1.00	15.2	52,000	3370	.75	.94	1.00	14.7	50,000	3760	.77	.96	1.00	14.1	48,000	4240	.78	.98	1.00
67°F (19.4°C)	615	1300	15.2	51,900	3050	.51	.65	.78	14.7	50,200	3370	.52	.65	.79	14.2	48,400	3750	.52	.66	.80	13.6	46,500	4220	.53	.68	.82
	755	1600	16.0	54,700	3070	.54	.68	.84	15.4	52,700	3370	.54	.69	.86	14.9	50,900	3760	.55	.70	.87	14.3	48,800	4240	.56	.72	.89
	895	1900	16.6	56,600	3080	.56	.72	.90	16.0	54,600	3390	.57	.73	.92	15.4	52,500	3770	.58	.75	.94	14.8	50,400	4260	.59	.77	.97
71°F (21.7°C)	615	1300	15.9	54,200	3070	.39	.52	.64	15.4	52,400	3380	.39	.52	.65	14.8	50,500	3760	.39	.53	.66	14.2	48,600	4240	.39	.54	.67
	755	1600	16.7	56,900	3080	.40	.54	.68	16.2	55,200	3390	.40	.55	.69	15.6	53,100	3770	.40	.55	.70	14.9	51,000	4270	.40	.56	.71
	895	1900	17.3	59,100	3100	.40	.56	.72	16.7	57,000	3410	.41	.57	.73	16.1	54,800	3800	.41	.58	.75	15.4	52,600	4280	.41	.59	.77

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

**HS25-511-513 — C26-51(FC)**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C
63°F (17.2°C)	615	1300	14.6	49,800	3040	.66	.81	.94	14.1	48,100	3350	.66	.82	.96	13.6	46,500	3730	.67	.84	.98	13.1	44,600	4200	.68	.86	1.00
	755	1600	15.4	52,500	3050	.69	.87	1.00	14.8	50,600	3360	.71	.89	1.00	14.3	48,700	3750	.72	.91	1.00	13.7	46,700	4230	.74	.93	1.00
	895	1900	15.9	54,200	3060	.74	.93	1.00	15.3	52,300	3370	.76	.95	1.00	14.8	50,400	3760	.77	.97	1.00	14.2	48,300	4240	.79	.99	1.00
67°F (19.4°C)	615	1300	15.3	52,300	3050	.52	.65	.78	14.8	50,500	3370	.52	.66	.79	14.3	48,700	3750	.53	.67	.81	13.7	46,800	4220	.53	.68	.82
	755	1600	16.1	55,100	3070	.54	.68	.84	15.6	53,100	3380	.55	.69	.86	15.0	51,300	3760	.55	.71	.88	14.4	49,100	4250	.56	.72	.90
	895	1900	16.7	57,100	3080	.57	.72	.91	16.1	55,000	3390	.57	.74	.93	15.5	52,800	3780	.58	.75	.95	14.9	50,700	4260	.59	.77	.97
71°F (21.7°C)	615	1300	16.0	54,500	3070	.39	.52	.65	15.4	52,700	3380	.39	.52	.65	14.9	50,800	3770	.39	.53	.66	14.4	49,000	4240	.39	.54	.67
	755	1600	16.8	57,300	3090	.40	.54	.68	16.3	55,500	3400	.40	.55	.69	15.7	53,500	3780	.40	.56	.70	15.0	51,300	4260	.41	.57	.72

# RATINGS

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

## HS25-511-513 — C26-65(FC) — C26-65(FC)EAP — CH23-68

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	615	1300	14.7	50,000	3050	.65	.80	.94	14.1	48,100	3360	.66	.82	.96	13.6	46,300	3730	.67	.84	.98	13.0	44,400	4210	.68	.86	1.00
	755	1600	15.3	52,300	3060	.70	.87	1.00	14.8	50,500	3370	.71	.89	1.00	14.2	48,500	3760	.72	.91	1.00	13.6	46,500	4240	.74	.93	1.00
	895	1900	15.9	54,100	3080	.74	.93	1.00	15.3	52,100	3390	.76	.95	1.00	14.6	49,900	3770	.78	.98	1.00	14.0	47,900	4250	.79	1.00	1.00
67°F (19.4°C)	615	1300	15.4	52,700	3070	.52	.64	.78	14.9	50,800	3380	.52	.65	.79	14.4	49,000	3760	.53	.66	.81	13.8	47,000	4240	.53	.67	.82
	755	1600	16.2	55,300	3090	.54	.68	.84	15.6	53,300	3390	.55	.69	.86	15.0	51,300	3780	.55	.71	.88	14.4	49,200	4260	.56	.72	.90
	895	1900	16.7	57,100	3100	.57	.72	.91	16.1	55,000	3410	.57	.74	.93	15.5	52,800	3800	.58	.76	.95	14.8	50,500	4270	.59	.78	.98
71°F (21.7°C)	615	1300	16.3	55,500	3090	.39	.52	.64	15.7	53,600	3400	.39	.52	.65	15.1	51,600	3780	.39	.53	.66	14.5	49,600	4270	.39	.53	.67
	755	1600	17.0	58,100	3110	.40	.54	.68	16.4	56,100	3420	.40	.55	.69	15.8	54,000	3810	.40	.55	.70	15.2	51,800	4290	.40	.56	.72
	895	1900	17.6	60,000	3120	.41	.56	.72	16.9	57,800	3440	.41	.57	.74	16.3	55,500	3830	.41	.58	.75	15.6	53,200	4310	.42	.59	.77

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

## HS25-511-513 — C26-65(FC)+G25MV5 — CR26-65(N)(W)+G25MV5

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	615	1300	13.5	46,100	3310	.70	.83	.95	13.1	44,600	3690	.71	.84	.96	12.6	43,000	4120	.72	.86	.98	12.1	41,200	4610	.73	.87	.99
	755	1600	14.1	48,000	3320	.74	.89	1.00	13.6	46,400	3690	.75	.90	1.00	13.1	44,600	4120	.77	.92	1.00	12.5	42,800	4610	.78	.94	1.00
	895	1900	14.5	49,400	3320	.78	.94	1.00	14.0	47,800	3690	.80	.95	1.00	13.5	46,000	4120	.81	.97	1.00	13.0	44,200	4610	.83	.98	1.00
67°F (19.4°C)	615	1300	14.5	49,600	3320	.56	.68	.79	14.0	47,900	3690	.56	.68	.81	13.5	46,200	4120	.56	.69	.82	13.0	44,300	4610	.57	.71	.84
	755	1600	15.0	51,300	3330	.58	.72	.85	14.5	49,600	3700	.58	.73	.87	14.0	47,700	4130	.59	.74	.88	13.4	45,800	4620	.60	.76	.90
	895	1900	15.4	52,600	3340	.60	.76	.91	14.9	50,700	3710	.61	.77	.92	14.3	48,800	4140	.62	.79	.94	13.7	46,800	4620	.63	.80	.96
71°F (21.7°C)	615	1300	15.6	53,100	3350	.42	.54	.65	15.1	51,400	3720	.42	.54	.66	14.5	49,600	4150	.42	.55	.67	14.0	47,600	4620	.43	.55	.68
	755	1600	16.1	54,900	3370	.43	.56	.69	15.5	53,000	3740	.43	.57	.70	15.0	51,100	4170	.43	.57	.71	14.4	49,000	4650	.44	.58	.73
	895	1900	16.4	56,100	3390	.44	.59	.73	15.9	54,200	3760	.44	.59	.75	15.3	52,200	4190	.44	.60	.76	14.7	50,000	4670	.45	.61	.78

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

## HS25-511-513 — C26-65(FC)+G21V5

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	615	1300	13.9	47,300	3180	.70	.83	.95	13.4	45,700	3540	.71	.84	.96	12.9	44,100	3960	.72	.86	.98	12.4	42,300	4430	.73	.87	.99
	755	1600	14.4	49,200	3190	.74	.89	1.00	14.0	47,600	3550	.75	.90	1.00	13.4	45,800	3960	.77	.92	1.00	12.9	44,000	4430	.78	.94	1.00
	895	1900	14.9	50,700	3190	.78	.94	1.00	14.4	49,000	3550	.80	.95	1.00	13.8	47,200	3960	.81	.97	1.00	13.3	45,400	4430	.83	.98	1.00
67°F (19.4°C)	615	1300	14.9	50,900	3190	.56	.68	.79	14.4	49,200	3550	.56	.68	.81	13.9	47,400	3960	.56	.69	.82	13.3	45,500	4430	.57	.71	.84
	755	1600	15.4	52,700	3200	.58	.72	.85	14.9	50,900	3550	.58	.73	.87	14.4	49,000	3970	.59	.74	.88	13.8	47,000	4430	.60	.76	.90
	895	1900	15.8	53,900	3210	.60	.76	.91	15.3	52,100	3570	.61	.77	.92	14.7	50,100	3980	.62	.79	.94	14.1	48,000	4440	.63	.80	.96
71°F (21.7°C)	615	1300	16.0	54,500	3220	.42	.54	.65	15.4	52,700	3580	.42	.54	.66	14.9	50,900	3990	.42	.55	.67	14.3	48,900	4440	.43	.55	.68
	755	1600	16.5	56,300	3240	.43	.56	.69	15.9	54,400	3600	.43	.57	.70	15.4	52,400	4010	.43	.57	.71	14.7	50,300	4470	.44	.58	.73
	895	1900	16.9	57,600	3260	.44	.59	.73	16.3	55,600	3610	.44	.59	.75	15.7	53,500	4020	.44	.60	.76	15.1	51,400	4490	.45	.61	.78

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

## HS25-511-513 — C26-65(FC)EAP+G21V5 — CH23-68+GSR21V5

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	615	1300	14.2	48,400	3150	.71	.84	.96	13.7	46,800	3510	.72	.85	.97	13.2	45,000	3920	.73	.87	.99	12.7	43,200	4390	.74	.89	1.00
	755	1600	14.8	50,400	3160	.75	.90	1.00	14.2	48,600	3510	.77	.92	1.00	13.7	46,800	3930	.78	.93	1.00	13.2	44,900	4390	.80	.95	1.00
	895	1900	15.2	51,800	3170	.80	.96	1.00	14.7	50,100	3520	.81	.97	1.00	14.2	48,300	3930	.83	.98	1.00	13.6	46,400	4400	.85	1.00	1.00
67°F (19.4°C)	615	1300	15.2	51,800	3170	.56	.68	.81	14.7	50,100	3520	.56	.69	.82	14.1	48,200	3930	.57	.70	.83	13.5	46,200	4390	.58	.72	.85
	755	1600	15.7	53,500	3190	.58	.73	.87	15.2	51,700	3540	.59	.74	.88	14.6	49,700	3950	.60	.76	.90	14.0	47,700	4400	.61	.77	.92
	895	1900	16.1	54,800	3200	.61	.78	.93	15.5	52,800	3560	.62	.79	.94	14.9	50,800	3970	.63	.81	.96	14.3	48,700	4420	.64	.82	.98
71°F (21.7°C)	615	1300	16.2	55,400	3210	.42	.54	.66	15.7	53,600	3570	.42	.55	.67	15.1	51,600	3970	.43	.55	.68	14.5	49,500	4430	.43	.56	.69
	755	1600	16.7	57,100	3230	.43	.57	.70	16.2	55,200	3590	.43	.58	.72	15.6	53,100	4000	.44	.58	.73	14.9	50,900	4460	.44	.59	.75
	895	1900	17.1	58,400	3250	.44	.60	.75	16.5	56,300	3600	.44	.61	.77	15.9	54,200	4010	.45	.62	.78	15.2	51,900	4470	.45	.63	.80

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

# RATINGS

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

## HS25-511-513 — C26-65(FC)EAP+G25MV5 — CH23-68+G25MV5

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C		
63°F (17.2°C)	615	1300	14.7	50,200	3350	.71	.84	.96	14.2	48,500	3730	.72	.85	.97	13.7	46,700	4170	.73	.87	.99	13.1	44,800	4660	.74	.89	1.00
	755	1600	15.3	52,300	3360	.75	.90	1.00	14.8	50,400	3740	.77	.92	1.00	14.2	48,500	4170	.78	.93	1.00	13.7	46,600	4670	.80	.95	1.00
	895	1900	15.8	53,800	3370	.80	.96	1.00	15.2	52,000	3740	.81	.97	1.00	14.7	50,100	4170	.83	.98	1.00	14.1	48,200	4670	.85	1.00	1.00
67°F (19.4°C)	615	1300	15.8	53,800	3370	.56	.68	.81	15.2	52,000	3740	.56	.69	.82	14.7	50,000	4170	.57	.70	.83	14.1	48,000	4670	.58	.72	.85
	755	1600	16.3	55,500	3390	.58	.73	.87	15.7	53,600	3770	.59	.74	.88	15.1	51,600	4190	.60	.76	.90	14.5	49,500	4680	.61	.77	.92
	895	1900	16.6	56,800	3400	.61	.78	.93	16.1	54,800	3780	.62	.79	.94	15.4	52,700	4210	.63	.81	.96	14.8	50,500	4700	.64	.82	.98
71°F (21.7°C)	615	1300	16.9	57,500	3410	.42	.54	.66	16.3	55,600	3790	.42	.55	.67	15.7	53,500	4220	.43	.55	.68	15.1	51,400	4710	.43	.56	.69
	755	1600	17.4	59,300	3440	.43	.57	.70	16.8	57,300	3810	.43	.58	.72	16.1	55,100	4250	.44	.58	.73	15.5	52,800	4740	.44	.59	.75
	895	1900	17.8	60,600	3450	.44	.60	.75	17.1	58,400	3830	.44	.61	.77	16.5	56,200	4260	.45	.62	.78	15.8	53,800	4750	.45	.63	.80

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

## HS25-511-513 — CR26-51(N)(W)

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C		
63°F (17.2°C)	660	1400	12.6	42,900	3190	.66	.81	.96	12.2	41,500	3580	.67	.83	.98	11.7	39,900	4050	.68	.85	1.00	11.3	38,400	4640	.69	.87	1.00
	755	1600	12.9	44,100	3200	.69	.85	1.00	12.5	42,600	3580	.70	.87	1.00	12.0	41,000	4050	.71	.89	1.00	11.5	39,400	4650	.73	.91	1.00
	850	1800	13.2	45,100	3200	.72	.88	1.00	12.8	43,500	3580	.73	.90	1.00	12.3	42,100	4060	.75	.92	1.00	11.8	40,200	4650	.76	.95	1.00
67°F (19.4°C)	660	1400	13.3	45,500	3210	.52	.65	.79	12.9	44,000	3590	.52	.66	.80	12.5	42,500	4060	.53	.67	.82	12.0	40,900	4650	.53	.68	.83
	755	1600	13.7	46,800	3210	.53	.67	.83	13.3	45,300	3590	.54	.68	.85	12.8	43,600	4070	.54	.70	.86	12.3	42,000	4660	.55	.71	.88
	850	1800	14.0	47,900	3220	.55	.69	.88	13.6	46,300	3600	.56	.71	.89	13.1	44,700	4070	.56	.72	.91	12.6	42,900	4670	.57	.74	.93
71°F (21.7°C)	660	1400	14.1	48,100	3220	.38	.52	.64	13.7	46,600	3600	.39	.53	.65	13.2	45,000	4080	.39	.54	.66	12.7	43,400	4670	.39	.54	.67
	755	1600	14.5	49,400	3230	.39	.54	.67	14.0	47,900	3610	.39	.54	.68	13.6	46,300	4080	.39	.55	.69	13.0	44,500	4680	.40	.56	.70
	850	1800	14.8	50,600	3240	.40	.55	.70	14.3	48,900	3620	.40	.56	.71	13.9	47,300	4090	.40	.56	.72	13.3	45,500	4690	.40	.57	.73

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

## HS25-511-513 — CR26-65(N)(W)

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C		
63°F (17.2°C)	660	1400	13.0	44,300	3200	.67	.83	.98	12.5	42,800	3580	.68	.85	1.00	12.1	41,200	4040	.69	.87	1.00	11.6	39,600	4640	.70	.89	1.00
	755	1600	13.3	45,500	3210	.70	.87	1.00	12.9	44,000	3590	.71	.89	1.00	12.4	42,300	4050	.73	.91	1.00	11.9	40,700	4650	.74	.94	1.00
	850	1800	13.7	46,600	3210	.74	.91	1.00	13.2	45,100	3590	.75	.93	1.00	12.7	43,300	4060	.76	.95	1.00	12.2	41,600	4660	.78	.98	1.00
67°F (19.4°C)	660	1400	13.8	47,000	3210	.53	.66	.81	13.3	45,500	3590	.53	.67	.82	12.9	43,900	4070	.54	.68	.83	12.4	42,200	4660	.54	.69	.85
	755	1600	14.2	48,400	3220	.54	.68	.85	13.7	46,700	3600	.55	.70	.87	13.2	45,100	4080	.56	.71	.88	12.7	43,300	4670	.56	.73	.90
	850	1800	14.5	49,500	3230	.56	.71	.89	14.0	47,800	3610	.57	.72	.91	13.5	46,000	4080	.57	.74	.93	13.0	44,200	4680	.58	.76	.95
71°F (21.7°C)	660	1400	14.6	49,700	3230	.39	.53	.66	14.1	48,100	3610	.39	.54	.67	13.6	46,500	4090	.40	.54	.67	13.1	44,700	4680	.40	.55	.68
	755	1600	15.0	51,100	3250	.40	.54	.68	14.5	49,400	3630	.40	.55	.69	14.0	47,700	4100	.40	.56	.70	13.5	45,900	4690	.41	.57	.72
	850	1800	15.3	52,300	3270	.40	.56	.71	14.8	50,500	3640	.41	.57	.72	14.3	48,800	4110	.41	.57	.74	13.7	46,900	4690	.41	.58	.75

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

## HS25-511-513 — CH23-51

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C		
63°F (17.2°C)	615	1300	13.5	45,900	3040	.65	.80	.94	13.0	44,400	3350	.66	.82	.95	12.6	42,900	3720	.67	.84	.97	12.1	41,300	4200	.68	.86	.99
	755	1600	14.1	48,100	3040	.69	.86	1.00	13.6	46,500	3360	.70	.88	1.00	13.1	44,700	3740	.72	.90	1.00	12.6	42,900	4220	.73	.93	1.00
	895	1900	14.6	49,800	3040	.72	.91	1.00	14.0	47,800	3360	.76	.94	1.00	13.5	46,000	3750	.77	.97	1.00	13.0	44,300	4230	.79	.99	1.00
67°F (19.4°C)	615	1300	14.3	48,700	3050	.51	.64	.77	13.8	47,200	3360	.52	.65	.78	13.3	45,500	3750	.52	.66	.80	12.8	43,700	4220	.53	.67	.81
	755	1600	14.9	50,800	3060	.54	.68	.84	14.4	49,000	3370	.54	.69	.85	13.9	47,400	3760	.55	.70	.87	13.3	45,400	4240	.56	.72	.89
	895	1900	15.4	52,400	3070	.56	.71	.90	14.9	50,700	3380	.57	.73	.92	14.3	48,800	3770	.58	.75	.94	13.7	46,900	4250	.59	.77	.97
71°F (21.7°C)	615	1300	15.1	51,400	3070	.39	.51	.64	14.6	49,800	3380	.39	.52	.64	14.1	48,100	3760	.39	.53	.65	13.5	46,200	4250	.39	.53	.66
	755	1600	15.7	53,500	3080	.40	.54	.68	15.2	51,700	3390	.40	.54	.69	14.6	49,900	3780	.40	.55	.70	14.1	48,000	4270	.40	.56	.71
	895	1900	16.1																							

# RATINGS

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

## HS25-511-513 — CH23-65

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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 (17.2°C)	615	1300	14.0	47,900	3230	.72	.85	.96	13.6	46,300	3600	.73	.86	.98	13.1	44,600	4020	.74	.88	.99	12.5	42,800	4500	.75	.89	1.00
	755	1600	14.6	49,700	3240	.76	.91	1.00	14.1	48,100	3600	.78	.92	1.00	13.6	46,300	4020	.79	.94	1.00	13.0	44,500	4500	.80	.96	1.00
	895	1900	15.0	51,300	3240	.81	.96	1.00	14.5	49,600	3600	.82	.97	1.00	14.0	47,800	4030	.84	.99	1.00	13.5	46,100	4500	.86	1.00	1.00
67°F (19.4°C)	615	1300	15.0	51,100	3240	.56	.69	.82	14.5	49,400	3600	.57	.70	.83	14.0	47,600	4020	.57	.71	.84	13.4	45,700	4500	.58	.72	.86
	755	1600	15.5	52,800	3250	.59	.74	.88	14.9	51,000	3610	.60	.75	.89	14.4	49,100	4030	.60	.76	.91	13.8	47,000	4500	.61	.78	.93
	895	1900	15.8	53,900	3260	.62	.79	.93	15.2	52,000	3620	.63	.80	.95	14.7	50,100	4030	.64	.82	.97	14.1	48,100	4510	.65	.83	.98
71°F (21.7°C)	615	1300	16.0	54,600	3270	.42	.54	.66	15.5	52,800	3630	.43	.55	.67	14.9	50,900	4040	.43	.56	.68	14.3	48,900	4510	.43	.56	.70
	755	1600	16.5	56,200	3290	.43	.57	.71	15.9	54,300	3650	.44	.58	.73	15.3	52,300	4070	.44	.59	.74	14.7	50,200	4530	.44	.60	.76
	895	1900	16.8	57,300	3300	.44	.61	.76	16.2	55,300	3660	.45	.61	.78	15.6	53,300	4080	.45	.62	.79	15.0	51,100	4550	.46	.64	.81

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

## HS25-511-513 — CB29M-46

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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 (17.2°C)	685	1450	13.6	46,500	3130	.74	.88	.99	13.2	45,000	3490	.75	.89	.99	12.7	43,300	3900	.76	.91	1.00	12.2	41,600	4360	.77	.92	1.00
	730	1550	13.8	47,000	3140	.75	.89	1.00	13.3	45,400	3490	.76	.91	1.00	12.8	43,800	3900	.78	.92	1.00	12.3	42,100	4360	.79	.94	1.00
	780	1650	13.9	47,500	3130	.77	.91	1.00	13.5	45,900	3490	.78	.93	1.00	13.0	44,300	3900	.79	.94	1.00	12.5	42,500	4360	.81	.96	1.00
67°F (19.4°C)	685	1450	14.5	49,500	3140	.57	.71	.84	14.0	47,800	3490	.58	.72	.86	13.5	46,000	3900	.59	.73	.87	13.0	44,200	4360	.59	.75	.89
	730	1550	14.6	49,900	3140	.58	.73	.86	14.1	48,200	3490	.59	.74	.88	13.6	46,400	3900	.60	.75	.89	13.0	44,500	4360	.61	.77	.91
	780	1650	14.7	50,300	3140	.59	.74	.88	14.2	48,600	3490	.60	.75	.90	13.7	46,800	3900	.61	.77	.91	13.2	44,900	4360	.62	.78	.93
71°F (21.7°C)	685	1450	15.4	52,700	3160	.43	.56	.69	14.9	51,000	3520	.43	.56	.70	14.4	49,200	3910	.43	.57	.71	13.8	47,200	4370	.44	.58	.72
	730	1550	15.6	53,100	3170	.43	.57	.70	15.1	51,400	3520	.43	.57	.71	14.5	49,500	3920	.44	.58	.73	13.9	47,500	4380	.44	.59	.74
	780	1650	15.7	53,500	3170	.43	.58	.72	15.2	51,700	3520	.44	.58	.73	14.6	49,900	3930	.44	.59	.74	14.0	47,900	4380	.44	.60	.76

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

## HS25-511-513 — CB29M-51

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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 (17.2°C)	615	1300	13.5	46,100	3130	.71	.84	.96	13.1	44,600	3480	.72	.86	.97	12.6	42,900	3890	.73	.87	.98	12.1	41,300	4350	.75	.89	1.00
	685	1450	13.8	47,000	3130	.73	.87	.98	13.3	45,400	3480	.75	.89	.99	12.8	43,800	3890	.76	.90	1.00	12.3	42,000	4350	.77	.92	1.00
	755	1600	14.0	47,800	3130	.76	.90	1.00	13.5	46,200	3480	.77	.92	1.00	13.0	44,500	3890	.78	.93	1.00	12.5	42,700	4350	.80	.95	1.00
67°F (19.4°C)	615	1300	14.4	49,200	3130	.56	.69	.81	14.0	47,600	3490	.57	.70	.82	13.4	45,800	3890	.57	.71	.84	12.9	44,000	4360	.58	.72	.85
	685	1450	14.7	50,000	3130	.57	.71	.84	14.2	48,300	3490	.58	.72	.85	13.6	46,500	3890	.59	.73	.87	13.1	44,700	4360	.59	.75	.89
	755	1600	14.9	50,700	3140	.59	.73	.87	14.4	49,000	3490	.59	.74	.89	13.8	47,200	3900	.60	.76	.90	13.2	45,200	4360	.61	.77	.92
71°F (21.7°C)	615	1300	15.4	52,500	3160	.42	.54	.66	14.9	50,800	3510	.43	.55	.67	14.3	48,900	3910	.43	.55	.68	13.8	47,000	4370	.43	.56	.69
	685	1450	15.6	53,300	3170	.43	.56	.68	15.1	51,500	3520	.43	.56	.69	14.6	49,700	3920	.43	.57	.71	14.0	47,700	4370	.43	.58	.72
	755	1600	15.8	54,000	3180	.43	.57	.71	15.3	52,200	3530	.43	.58	.72	14.7	50,300	3930	.44	.59	.73	14.2	48,300	4380	.44	.60	.75

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

## HS25-511-513 — CB30M-41

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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 (17.2°C)	495	1050	13.1	44,800	3090	.68	.79	.90	12.7	43,400	3440	.69	.80	.91	12.3	41,800	3840	.69	.82	.93	11.8	40,200	4300	.70	.83	.95
	590	1250	13.6	46,400	3090	.71	.83	.95	13.2	44,900	3440	.72	.85	.96	12.7	43,200	3840	.72	.86	.98	12.2	41,500	4300	.74	.88	.99
	685	1450	14.0	47,700	3090	.73	.87	.98	13.5	46,100	3440	.75	.89	.99	13.0	44,400	3840	.76	.90	1.00	12.5	42,600	4300	.77	.92	1.00
67°F (19.4°C)	495	1050	14.1	48,000	3090	.54	.65	.76	13.6	46,500	3440	.55	.66	.77	13.1	44,800	3850	.55	.67	.78	12.6	43,000	4300	.56	.68	.80
	590	1250	14.5	49,600	3090	.56	.68	.80	14.0	47,900	3440	.56	.69	.81	13.5	46,200	3850	.57	.70	.83	13.0	44,300	4300	.57	.71	.84
	685	1450	14.9	50,700	3100	.57	.71	.84	14.4	49,000	3450	.58	.72	.85	13.8	47,200	3850	.59	.73	.87	13.3	45,300	4300	.59	.75	.89
71°F (21.7°C)	495	1050	15.1	51,400	3110	.42	.52	.62	14.6	49,800	3450	.42	.53	.63	14.1	48,000	3850	.42	.53	.64	13.5	46,100	4310	.42	.54	.65
	590	1250	15.5	52,900	3120	.42	.54	.65	15.0	51,200	3470	.42	.54	.66	14.5	49,400	3860	.43	.55	.67	13.9	47,400	4310	.43	.56	.68
	685	1450	15.8	54,000	3130	.43	.56	.68	15.3	52,200	3480	.43	.56	.69	14.7	50,300	3880	.43	.57	.7						

# RATINGS

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

## HS25-511-513 — CB31MV-41

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C		
63°F (17.2°C)	595	1265	13.4	45,600	3090	.71	.84	.95	12.9	44,100	3440	.72	.85	.96	12.5	42,500	3850	.73	.86	.98	12.0	40,800	4310	.74	.88	.99
	660	1400	13.6	46,500	3090	.73	.86	.98	13.2	45,000	3440	.74	.88	.99	12.7	43,300	3850	.75	.89	1.00	12.2	41,600	4310	.76	.91	1.00
	730	1545	13.9	47,300	3100	.75	.89	1.00	13.4	45,700	3450	.76	.91	1.00	12.9	44,100	3850	.77	.92	1.00	12.4	42,300	4310	.79	.94	1.00
67°F (19.4°C)	595	1265	14.3	48,700	3100	.56	.68	.80	13.8	47,100	3450	.56	.69	.81	13.3	45,400	3850	.57	.70	.83	12.7	43,500	4310	.57	.71	.84
	660	1400	14.5	49,600	3100	.57	.70	.83	14.0	47,900	3450	.57	.71	.84	13.5	46,100	3850	.58	.72	.86	13.0	44,300	4310	.59	.74	.88
	730	1545	14.7	50,300	3100	.58	.72	.86	14.2	48,600	3450	.59	.73	.87	13.7	46,800	3850	.59	.75	.89	13.1	44,800	4310	.60	.76	.91
71°F (21.7°C)	595	1265	15.2	52,000	3120	.42	.54	.65	14.7	50,300	3470	.42	.54	.66	14.2	48,500	3870	.43	.55	.67	13.7	46,600	4310	.43	.56	.69
	660	1400	15.5	52,800	3130	.43	.55	.68	15.0	51,100	3480	.43	.56	.69	14.4	49,300	3880	.43	.56	.70	13.9	47,300	4320	.43	.57	.71
	730	1545	15.7	53,500	3140	.43	.56	.70	15.2	51,700	3490	.43	.57	.71	14.6	49,800	3890	.44	.58	.72	14.0	47,900	4330	.44	.59	.74

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

## HS25-511-513 — CB29M-65

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C		
63°F (17.2°C)	660	1400	13.8	47,000	2940	.73	.86	.98	13.3	45,500	3280	.74	.88	.99	12.8	43,800	3660	.75	.89	1.00	12.3	42,000	4090	.76	.91	1.00
	755	1600	14.1	48,100	2950	.76	.90	1.00	13.6	46,500	3280	.77	.92	1.00	13.1	44,800	3660	.78	.93	1.00	12.6	43,000	4100	.80	.95	1.00
	850	1800	14.4	49,000	2950	.79	.94	1.00	13.9	47,400	3280	.80	.95	1.00	13.4	45,700	3660	.81	.97	1.00	12.9	43,900	4100	.83	.98	1.00
67°F (19.4°C)	660	1400	14.7	50,100	2950	.57	.70	.83	14.2	48,400	3280	.57	.71	.84	13.7	46,600	3660	.58	.72	.86	13.1	44,700	4100	.59	.74	.88
	755	1600	14.9	51,000	2950	.59	.73	.87	14.4	49,300	3280	.59	.74	.89	13.9	47,500	3660	.60	.76	.90	13.3	45,500	4100	.61	.77	.92
	850	1800	15.2	51,800	2960	.60	.76	.91	14.7	50,000	3290	.61	.78	.92	14.1	48,200	3670	.62	.79	.94	13.5	46,200	4100	.63	.81	.96
71°F (21.7°C)	660	1400	15.6	53,400	2980	.43	.55	.68	15.1	51,600	3310	.43	.56	.69	14.6	49,800	3690	.43	.56	.70	14.0	47,800	4110	.43	.57	.71
	755	1600	15.9	54,300	2990	.43	.57	.71	15.4	52,500	3320	.43	.58	.72	14.8	50,600	3700	.44	.59	.73	14.2	48,600	4120	.44	.60	.75
	850	1800	16.1	55,000	3000	.44	.59	.74	15.6	53,200	3330	.44	.60	.75	15.0	51,200	3710	.45	.61	.77	14.4	49,100	4130	.45	.62	.78

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

## HS25-511-513 — CB30M-46

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C		
63°F (17.2°C)	590	1250	13.7	46,600	3100	.71	.83	.95	13.2	45,100	3450	.72	.85	.96	12.7	43,400	3850	.72	.86	.98	12.2	41,700	4310	.74	.88	.99
	660	1400	14.0	47,600	3100	.73	.86	.98	13.5	46,000	3450	.74	.88	.99	13.0	44,300	3850	.75	.89	1.00	12.5	42,500	4310	.76	.91	1.00
	730	1550	14.2	48,400	3100	.75	.89	1.00	13.7	46,800	3450	.76	.91	1.00	13.2	45,100	3850	.77	.92	1.00	12.7	43,300	4310	.79	.94	1.00
67°F (19.4°C)	590	1250	14.6	49,800	3100	.56	.68	.80	14.1	48,100	3450	.56	.69	.81	13.6	46,400	3850	.57	.70	.83	13.0	44,500	4310	.57	.71	.84
	660	1400	14.9	50,700	3100	.57	.70	.83	14.3	48,900	3450	.57	.71	.84	13.8	47,100	3860	.58	.72	.86	13.2	45,200	4310	.59	.74	.88
	730	1550	15.1	51,400	3110	.58	.72	.86	14.6	49,700	3450	.59	.74	.88	14.0	47,800	3860	.60	.75	.89	13.4	45,800	4310	.60	.76	.91
71°F (21.7°C)	590	1250	15.6	53,100	3130	.42	.54	.65	15.1	51,400	3470	.42	.54	.66	14.5	49,500	3870	.43	.55	.67	14.0	47,600	4320	.43	.56	.68
	660	1400	15.8	54,000	3140	.43	.55	.68	15.3	52,200	3480	.43	.56	.69	14.7	50,300	3880	.43	.56	.70	14.2	48,300	4330	.43	.57	.71
	730	1550	16.0	54,700	3140	.43	.57	.70	15.5	52,900	3490	.43	.57	.71	14.9	51,000	3890	.44	.58	.72	14.3	48,900	4340	.44	.59	.74

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

## HS25-511-513 — CB30M-51

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C		
63°F (17.2°C)	660	1400	14.0	47,700	3100	.72	.86	.98	13.5	46,000	3460	.73	.87	.99	13.0	44,300	3860	.75	.89	1.00	12.5	42,500	4320	.76	.91	1.00
	755	1600	14.3	48,800	3110	.75	.90	1.00	13.8	47,200	3460	.77	.91	1.00	13.3	45,400	3860	.78	.93	1.00	12.7	43,500	4320	.79	.95	1.00
	850	1800	14.6	49,800	3120	.78	.94	1.00	14.1	48,100	3470	.80	.95	1.00	13.6	46,300	3860	.81	.97	1.00	13.0	44,500	4320	.83	.98	1.00
67°F (19.4°C)	660	1400	14.9	50,800	3130	.57	.70	.83	14.4	49,100	3480	.57	.71	.84	13.8	47,200	3880	.58	.72	.86	13.3	45,300	4320	.59	.73	.87
	755	1600	15.2	51,900	3140	.58	.73	.87	14.7	50,100	3490	.59	.74	.88	14.1	48,100	3890	.60	.75	.90	13.5	46,100	4340	.61	.77	.92
	850	1800	15.4	52,700	3150	.60	.76	.91	14.9	50,800	3500	.61	.77	.92	14.3	48,800	3900	.62	.79	.94	13.7	46,800	4350	.63	.81	.96
71°F (21.7°C)	660	1400	15.9	54,300	3170	.43	.55	.67	15.4	52,400	3520	.43	.55	.68	14.8	50,400	3920	.43	.56	.69	14.2	48,400	4380	.43	.57	.71
	755	1600	16.2	55,300	3190	.43	.57	.70	15.6	53,400	3540	.43	.58	.72	15.0	51,300	3940	.44	.58	.73	14.4	49,200	4390	.44	.59	.75
	850	1800	16.4	56,100	3200	.44	.59																			

# RATINGS

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

## HS25-511-513 — CB30M-65

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C
L/s	cfm	kW	Btuh				kW	Btuh				kW	Btuh				kW	Btuh				kW	Btuh			
63°F (17.2°C)	660	1400	14.0	47,800	3110	.72	.86	.98	13.5	46,200	3460	.73	.87	.99	13.0	44,400	3870	.75	.89	1.00	12.5	42,600	4330	.76	.91	1.00
	755	1600	14.4	49,000	3120	.75	.90	1.00	13.9	47,300	3470	.76	.91	1.00	13.3	45,500	3870	.78	.93	1.00	12.8	43,600	4330	.79	.95	1.00
	850	1800	14.6	49,900	3130	.78	.94	1.00	14.1	48,200	3470	.80	.95	1.00	13.6	46,500	3870	.81	.97	1.00	13.1	44,600	4330	.83	.98	1.00
67°F (19.4°C)	660	1400	14.9	51,000	3140	.57	.70	.83	14.4	49,200	3490	.57	.71	.84	13.9	47,400	3880	.58	.72	.86	13.3	45,400	4330	.59	.73	.87
	755	1600	15.2	52,000	3150	.58	.73	.87	14.7	50,200	3500	.59	.74	.88	14.1	48,200	3900	.60	.75	.90	13.5	46,200	4350	.61	.77	.92
	850	1800	15.5	52,800	3160	.60	.76	.91	14.9	50,900	3510	.61	.77	.92	14.4	49,000	3910	.62	.79	.94	13.7	46,900	4360	.63	.81	.96
71°F (21.7°C)	660	1400	15.9	54,400	3180	.43	.55	.67	15.4	52,500	3530	.43	.55	.68	14.8	50,600	3930	.43	.56	.69	14.2	48,500	4390	.43	.57	.71
	755	1600	16.2	55,400	3190	.43	.57	.70	15.7	53,500	3540	.43	.58	.72	15.1	51,500	3950	.44	.58	.73	14.4	49,300	4400	.44	.59	.75
	850	1800	16.5	56,200	3200	.44	.59	.74	15.9	54,200	3550	.44	.60	.75	15.3	52,200	3960	.44	.61	.77	14.6	49,900	4410	.45	.62	.78

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

## HS25-511-513 — CB31MV-51

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C
L/s	cfm	kW	Btuh				kW	Btuh				kW	Btuh				kW	Btuh				kW	Btuh			
63°F (17.2°C)	670	1425	14.0	47,700	3090	.73	.87	.99	13.5	46,100	3440	.74	.88	1.00	13.0	44,300	3840	.75	.90	1.00	12.5	42,500	4300	.77	.92	1.00
	765	1625	14.3	48,700	3100	.76	.90	1.00	13.8	47,000	3450	.77	.92	1.00	13.3	45,300	3850	.78	.94	1.00	12.7	43,400	4300	.80	.96	1.00
	850	1805	14.5	49,600	3110	.78	.94	1.00	14.0	47,900	3450	.80	.95	1.00	13.5	46,100	3850	.81	.97	1.00	13.0	44,300	4310	.83	.99	1.00
67°F (19.4°C)	670	1425	14.9	50,800	3130	.57	.70	.84	14.4	49,100	3470	.58	.71	.85	13.8	47,200	3860	.58	.73	.87	13.3	45,300	4310	.59	.74	.88
	765	1625	15.2	51,700	3130	.59	.73	.87	14.6	49,900	3480	.59	.74	.89	14.1	48,000	3880	.60	.76	.91	13.5	46,000	4320	.61	.77	.93
	850	1805	15.4	52,400	3140	.60	.76	.91	14.8	50,500	3490	.61	.77	.92	14.2	48,600	3890	.62	.79	.94	13.6	46,500	4340	.63	.81	.96
71°F (21.7°C)	670	1425	15.9	54,200	3170	.43	.55	.68	15.3	52,300	3510	.43	.56	.69	14.8	50,400	3910	.43	.57	.70	14.2	48,300	4360	.43	.58	.72
	765	1625	16.1	55,100	3170	.43	.57	.71	15.6	53,200	3520	.43	.58	.72	15.0	51,100	3920	.44	.59	.73	14.4	49,000	4370	.44	.60	.75
	850	1805	16.4	55,800	3180	.44	.59	.74	15.8	53,800	3530	.44	.60	.75	15.2	51,800	3930	.44	.61	.77	14.5	49,500	4380	.45	.62	.78

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

## HS25-511-513 — CB31MV-65

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C
L/s	cfm	kW	Btuh				kW	Btuh				kW	Btuh				kW	Btuh				kW	Btuh			
63°F (17.2°C)	670	1425	14.1	48,200	3110	.73	.87	.99	13.6	46,500	3460	.74	.88	1.00	13.1	44,700	3860	.75	.90	1.00	12.6	42,900	4320	.77	.92	1.00
	765	1625	14.4	49,200	3120	.76	.90	1.00	13.9	47,500	3460	.77	.92	1.00	13.4	45,700	3870	.78	.94	1.00	12.8	43,800	4320	.80	.96	1.00
	850	1805	14.7	50,000	3120	.78	.94	1.00	14.2	48,300	3470	.80	.95	1.00	13.7	46,600	3870	.81	.97	1.00	13.1	44,700	4330	.83	.99	1.00
67°F (19.4°C)	670	1415	15.0	51,300	3140	.57	.70	.84	14.5	49,500	3480	.58	.71	.85	14.0	47,700	3880	.58	.73	.87	13.4	45,700	4330	.59	.74	.88
	765	1625	15.3	52,200	3150	.59	.73	.87	14.8	50,400	3500	.59	.74	.89	14.2	48,400	3900	.60	.76	.91	13.6	46,400	4350	.61	.77	.93
	850	1805	15.5	52,900	3160	.60	.76	.91	14.9	51,000	3510	.61	.77	.92	14.4	49,100	3910	.62	.79	.94	13.8	47,000	4360	.63	.81	.96
71°F (21.7°C)	670	1415	16.1	54,800	3180	.43	.55	.68	15.5	52,900	3530	.43	.56	.69	14.9	50,900	3930	.43	.57	.70	14.3	48,800	4380	.43	.58	.72
	765	1625	16.3	55,600	3190	.43	.57	.71	15.7	53,700	3540	.43	.58	.72	15.1	51,600	3940	.44	.59	.73	14.5	49,500	4400	.44	.60	.75
	850	1805	16.5	56,300	3200	.44	.59	.74	15.9	54,300	3550	.44	.60	.75	15.3	52,300	3950	.44	.61	.77	14.7	50,000	4410	.45	.62	.78

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

## HS25-511-513 — CVP10-51/EC10Q4

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C
L/s	cfm	kW	Btuh				kW	Btuh				kW	Btuh				kW	Btuh				kW	Btuh			
63°F (17.2°C)	660	1400	12.9	44,100	3200	.68	.84	.99	12.5	42,600	3580	.69	.85	1.00	12.0	41,100	4040	.70	.88	1.00	11.6	39,500	4640	.71	.90	1.00
	755	1600	13.3	45,400	3210	.71	.88	1.00	12.9	44,000	3590	.72	.90	1.00	12.4	42,300	4060	.73	.92	1.00	11.9	40,500	4650	.75	.95	1.00
	850	1800	13.6	46,400	3210	.74	.92	1.00	13.1	44,800	3590	.75	.94	1.00	12.7	43,200	4060	.77	.97	1.00	12.2	41,500	4660	.79	.99	1.00
67°F (19.4°C)	660	1400	13.7	46,900	3210	.53	.66	.81	13.3	45,400	3590	.54	.67	.82	12.9	43,900	4070	.54	.68	.84	12.4	42,200	4660	.55	.70	.86
	755	1600	14.1	48,200	3220	.55	.69	.86	13.7	46,600	3600	.55	.70	.87	13.2	45,000	4080	.56	.71	.89	12.7	43,300	4670	.57	.73	.91
	850	1800	14.5	49,400	3230	.56	.71	.90	14.0	47,700	3610	.57	.73	.92	13.5	45,900	4090	.58	.75	.94	13.0	44,200	4680	.59	.77	.96
71°F (21.7°C)	660	1400	14.6	49,900	3240	.39	.53	.66	14.2	48,300	3620	.40	.54	.67	13.7	46,600	4090	.40	.54	.68	13.2	44,900	4690	.40	.55	.69
	755	1600	15.0	51,200	3260	.40	.55	.69	14.5	49,500	3640	.40	.55	.70	14.0	47,800	4110	.								

# RATINGS

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

## HS25-511-513 — CVP10-65/EC10Q5

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C		
63°F (17.2°C)	660	1400	13.5	46,000	3210	.69	.85	1.00	13.0	44,400	3580	.70	.87	1.00	12.5	42,800	4050	.71	.89	1.00	12.0	41,100	4640	.72	.91	1.00
	755	1600	13.9	47,300	3210	.72	.90	1.00	13.4	45,700	3600	.73	.92	1.00	12.9	43,900	4070	.74	.94	1.00	12.4	42,400	4660	.76	.96	1.00
	850	1800	14.2	48,400	3220	.75	.94	1.00	13.7	46,900	3600	.76	.96	1.00	13.2	45,100	4080	.78	.98	1.00	12.7	43,300	4670	.80	1.00	1.00
67°F (19.4°C)	660	1400	14.3	48,800	3220	.54	.67	.82	13.8	47,200	3600	.54	.68	.84	13.3	45,500	4080	.55	.69	.85	12.8	43,700	4670	.56	.71	.87
	755	1600	14.7	50,100	3240	.55	.70	.87	14.2	48,400	3620	.56	.71	.89	13.7	46,600	4090	.57	.73	.90	13.1	44,800	4680	.58	.75	.93
	850	1800	15.0	51,200	3250	.57	.73	.92	14.5	49,400	3630	.58	.75	.94	13.9	47,400	4100	.59	.77	.96	13.3	45,500	4690	.60	.79	.98
71°F (21.7°C)	660	1400	15.1	51,600	3260	.40	.53	.67	14.6	49,900	3640	.40	.54	.68	14.1	48,200	4100	.40	.55	.69	13.6	46,300	4690	.41	.55	.70
	755	1600	15.5	53,000	3280	.41	.55	.70	15.0	51,200	3660	.41	.56	.71	14.5	49,400	4120	.41	.57	.72	13.9	47,400	4700	.41	.57	.73
	850	1800	15.9	54,100	3300	.41	.57	.73	15.3	52,200	3670	.42	.58	.74	14.7	50,300	4130	.42	.59	.75	14.2	48,300	4710	.42	.60	.77

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

## HS25-651-653 — C23-51(FC)

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C		
63°F (17.2°C)	800	1700	16.2	55,300	3940	.68	.82	.95	15.7	53,500	4370	.69	.84	.97	15.1	51,600	4900	.70	.85	.98	14.5	49,600	5560	.71	.87	1.00
	895	1900	16.6	56,800	3960	.70	.85	.99	16.1	54,900	4390	.71	.86	1.00	15.5	52,900	4920	.72	.88	1.00	14.9	50,800	5570	.74	.90	1.00
	990	2100	17.0	58,000	3970	.72	.87	1.00	16.4	56,000	4400	.74	.89	1.00	15.8	54,000	4930	.75	.91	1.00	15.2	52,000	5580	.76	.92	1.00
67°F (19.4°C)	800	1700	17.0	58,100	3970	.54	.67	.80	16.5	56,200	4400	.54	.68	.81	15.9	54,300	4930	.54	.69	.83	15.3	52,200	5590	.55	.70	.84
	895	1900	17.5	59,600	3990	.55	.69	.83	16.9	57,600	4420	.55	.70	.85	16.3	55,600	4950	.56	.71	.86	15.7	53,500	5600	.56	.72	.88
	990	2100	17.8	60,900	4000	.56	.71	.86	17.3	58,900	4430	.57	.72	.88	16.6	56,800	4960	.57	.73	.90	16.0	54,600	5620	.58	.74	.91
71°F (21.7°C)	800	1700	17.8	60,600	4000	.40	.54	.67	17.2	58,700	4430	.40	.55	.68	16.6	56,700	4960	.40	.55	.68	16.0	54,600	5620	.40	.56	.69
	895	1900	18.2	62,200	4020	.40	.55	.69	17.6	60,200	4450	.40	.56	.70	17.0	58,100	4980	.41	.57	.71	16.4	55,900	5640	.41	.57	.72
	990	2100	18.6	63,500	4040	.41	.56	.71	18.0	61,400	4470	.41	.57	.72	17.4	59,300	5000	.41	.58	.73	16.7	57,100	5650	.41	.59	.74

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

## HS25-651-653 — C26-46(FC)

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C		
63°F (17.2°C)	800	1700	17.5	59,700	3950	.69	.84	.97	16.9	57,700	4380	.70	.85	.98	16.3	55,700	4910	.71	.87	1.00	15.7	53,700	5570	.72	.88	1.00
	920	1950	18.1	61,600	3970	.72	.87	1.00	17.4	59,500	4400	.73	.89	1.00	16.8	57,300	4930	.74	.91	1.00	16.1	55,100	5590	.75	.93	1.00
	1040	2200	18.5	63,200	3990	.75	.91	1.00	17.8	60,900	4420	.76	.93	1.00	17.2	58,800	4950	.77	.94	1.00	16.5	56,300	5600	.79	.96	1.00
67°F (19.4°C)	800	1700	18.3	62,600	3990	.54	.68	.82	17.8	60,600	4410	.55	.69	.83	17.1	58,500	4940	.55	.70	.84	16.4	56,100	5600	.56	.71	.86
	920	1950	18.9	64,600	4010	.56	.71	.85	18.3	62,500	4440	.56	.72	.87	17.7	60,300	4970	.57	.73	.88	17.0	57,900	5620	.58	.74	.90
	1040	2200	19.4	66,200	4030	.58	.73	.90	18.8	64,000	4460	.58	.74	.91	18.1	61,700	4990	.59	.76	.93	17.4	59,300	5640	.60	.77	.95
71°F (21.7°C)	800	1700	19.1	65,200	4010	.40	.55	.68	18.5	63,200	4450	.41	.55	.69	17.9	61,000	4980	.41	.56	.70	17.2	58,700	5630	.41	.57	.71
	920	1950	19.8	67,400	4040	.41	.56	.71	19.1	65,300	4480	.41	.57	.72	18.4	62,900	5010	.42	.58	.73	17.8	60,600	5660	.42	.58	.74
	1040	2200	20.3	69,200	4070	.42	.58	.73	19.6	66,900	4500	.42	.58	.74	18.9	64,600	5030	.42	.59	.76	18.2	62,100	5680	.43	.60	.77

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

## HS25-651-653 — C26-51(FC)

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	Watts Input	75°F/24°C	80°F/27°C	85°F/29°C		
63°F (17.2°C)	800	1700	17.6	60,000	3950	.69	.84	.97	17.0	58,000	4390	.70	.86	.99	16.4	56,000	4920	.71	.87	1.00	15.8	53,800	5570	.72	.89	1.00
	895	1900	18.1	61,600	3980	.72	.87	1.00	17.4	59,500	4400	.73	.89	1.00	16.8	57,400	4930	.74	.90	1.00	16.1	55,000	5580	.75	.93	1.00
	990	2100	18.5	63,000	3990	.74	.90	1.00	17.8	60,700	4420	.75	.92	1.00	17.1	58,500	4940	.77	.94	1.00	16.4	56,100	5600	.78	.96	1.00
67°F (19.4°C)	800	1700	18.5	63,000	3990	.54	.69	.82	17.9	61,100	4420	.55	.69	.83	17.2	58,800	4950	.56	.70	.85	16.6	56,500	5600	.56	.72	.86
	895	1900	18.9	64,600	4010	.56	.71	.85	18.3	62,500	4440	.56	.72	.87	17.7	60,300	4970	.57	.73	.88	17.0	57,900	5620	.58	.74	.90
	990	2100	19.3	66,000	4030	.57	.73	.89	18.7	63,800	4460	.58	.74	.90	18.0	61,500	4990	.59	.75	.92	17.3	59,100	5640	.59	.77	.94
71°F (21.7°C)	800	1700	19.2	65,600	4020	.40	.55	.68	18.6	63,500	4450	.41	.56	.69	18.0	61,400	4980	.41	.56	.70	17.3	59,100	5640	.41	.57	.71
	895	1900	19.8	67,400	4040	.41	.56	.71	19.1	65,300	4480	.41	.57	.71	18.5	63,000	5010	.41	.58	.72	17.8	60,600	5660	.42	.58	.74
	990	2100	20.2	68,900																						

# RATINGS

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

## HS25-651-653 — C23-51/65

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C
L/s	cfm	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input				
63°F (17.2°C)	850	1800	16.7	57,000	3950	.70	.84	.98	16.1	55,000	4380	.70	.86	.99	15.6	53,100	4910	.71	.87	1.00	15.0	51,100	5560	.73	.89	1.00
	945	2000	17.1	58,300	3970	.72	.87	1.00	16.5	56,300	4400	.73	.89	1.00	15.9	54,200	4920	.74	.91	1.00	15.2	52,000	5580	.75	.93	1.00
	1040	2200	17.4	59,400	3980	.74	.90	1.00	16.8	57,400	4410	.75	.92	1.00	16.2	55,200	4940	.77	.94	1.00	15.5	53,000	5590	.78	.96	1.00
67°F (19.4°C)	850	1800	17.5	59,800	3990	.55	.69	.82	16.9	57,800	4410	.55	.70	.84	16.3	55,700	4940	.56	.71	.85	15.7	53,600	5600	.56	.72	.87
	945	2000	17.9	61,200	4000	.56	.71	.85	17.3	59,200	4430	.56	.72	.87	16.7	57,000	4960	.57	.73	.88	16.1	54,800	5610	.58	.74	.90
	1040	2200	18.3	62,400	4020	.57	.72	.89	17.7	60,300	4450	.58	.74	.90	17.0	58,100	4980	.59	.75	.92	16.4	55,800	5630	.59	.76	.94
71°F (21.7°C)	850	1800	18.3	62,400	4020	.40	.55	.68	17.7	60,400	4450	.41	.56	.69	17.1	58,300	4980	.41	.56	.70	16.4	56,100	5630	.41	.57	.71
	945	2000	18.7	63,900	4040	.41	.56	.71	18.1	61,900	4470	.41	.57	.71	17.5	59,700	5000	.42	.58	.73	16.8	57,400	5650	.42	.58	.74
	1040	2200	19.1	65,200	4060	.42	.57	.73	18.5	63,100	4490	.42	.58	.74	17.8	60,900	5020	.42	.59	.75	17.1	58,500	5670	.42	.60	.76

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

## HS25-651-653 — C26-65(FC) — C26-65(FC)EAP — CH23-68

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C
L/s	cfm	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input				
63°F (17.2°C)	850	1800	18.0	61,400	3990	.70	.85	.99	17.3	59,200	4420	.71	.87	1.00	16.7	57,000	4940	.72	.89	1.00	16.1	54,800	5600	.74	.91	1.00
	945	2000	18.4	62,700	4010	.73	.89	1.00	17.7	60,400	4440	.74	.90	1.00	17.1	58,300	4960	.75	.92	1.00	16.3	55,600	5620	.77	.95	1.00
	1040	2200	18.7	63,900	4020	.75	.92	1.00	18.1	61,600	4450	.76	.94	1.00	17.3	59,200	4980	.78	.96	1.00	16.6	56,700	5630	.79	.97	1.00
67°F (19.4°C)	850	1800	19.0	64,700	4040	.55	.69	.83	18.3	62,500	4470	.56	.70	.84	17.6	60,200	4990	.56	.71	.86	17.0	57,900	5650	.57	.73	.88
	945	2000	19.4	66,200	4050	.56	.71	.86	18.7	63,900	4480	.57	.72	.88	18.0	61,500	5010	.58	.74	.89	17.3	59,100	5670	.59	.75	.91
	1040	2200	19.8	67,500	4070	.58	.73	.90	19.0	65,000	4500	.59	.75	.91	18.3	62,500	5030	.59	.76	.93	17.6	60,100	5680	.60	.78	.95
71°F (21.7°C)	850	1800	20.0	68,100	4080	.41	.55	.69	19.3	65,800	4520	.41	.56	.70	18.6	63,500	5050	.41	.56	.71	17.9	61,100	5700	.42	.57	.72
	945	2000	20.4	69,600	4110	.41	.56	.71	19.7	67,300	4540	.42	.57	.72	19.0	64,800	5070	.42	.58	.73	18.3	62,300	5720	.42	.59	.74
	1040	2200	20.8	70,900	4130	.42	.58	.73	20.0	68,400	4560	.42	.58	.74	19.3	66,000	5090	.43	.59	.76	18.6	63,300	5740	.43	.60	.77

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

## HS25-651-653 — C26-65(FC)+G25MV5 — CR26-65(N)(W)+G25MV5

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C
L/s	cfm	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input				
63°F (17.2°C)	850	1800	17.1	58,500	4040	.73	.86	.98	16.6	56,600	4520	.74	.88	.99	16.0	54,500	5040	.75	.89	1.00	15.4	52,400	5610	.76	.91	1.00
	945	2000	17.5	59,600	4040	.75	.89	1.00	16.9	57,700	4520	.76	.91	1.00	16.3	55,600	5040	.77	.92	1.00	15.6	53,400	5610	.79	.94	1.00
	1040	2200	17.8	60,600	4040	.77	.92	1.00	17.2	58,600	4520	.78	.94	1.00	16.6	56,500	5040	.80	.95	1.00	15.9	54,300	5610	.81	.97	1.00
67°F (19.4°C)	850	1800	18.4	62,700	4050	.57	.70	.83	17.8	60,600	4520	.57	.71	.84	17.1	58,400	5050	.58	.72	.86	16.4	56,100	5620	.59	.73	.88
	945	2000	18.7	63,700	4050	.58	.72	.86	18.1	61,600	4520	.59	.73	.87	17.4	59,300	5050	.59	.75	.89	16.7	56,900	5630	.60	.76	.91
	1040	2200	18.9	64,600	4050	.59	.74	.89	18.3	62,400	4530	.60	.76	.90	17.6	60,100	5050	.61	.77	.92	16.9	57,600	5630	.62	.79	.94
71°F (21.7°C)	850	1800	19.7	67,200	4050	.43	.55	.67	19.1	65,100	4530	.43	.55	.68	18.4	62,700	5060	.43	.56	.69	17.6	60,200	5640	.43	.57	.71
	945	2000	20.0	68,300	4060	.43	.56	.69	19.4	66,100	4530	.43	.57	.71	18.7	63,700	5060	.43	.58	.72	17.9	61,100	5640	.44	.59	.73
	1040	2200	20.3	69,200	4060	.43	.58	.72	19.6	66,900	4530	.44	.58	.73	18.9	64,400	5070	.44	.59	.74	18.1	61,800	5650	.44	.60	.76

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

## HS25-651-653 — C26-65(FC)+G21V5

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C
L/s	cfm	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input				
63°F (17.2°C)	850	1800	17.6	60,100	3940	.73	.86	.98	17.0	58,100	4400	.74	.88	.99	16.4	56,000	4910	.75	.89	1.00	15.8	53,800	5460	.76	.91	1.00
	945	2000	17.9	61,200	3940	.75	.89	1.00	17.3	59,200	4400	.76	.91	1.00	16.7	57,100	4910	.77	.92	1.00	16.1	54,800	5470	.79	.94	1.00
	1040	2200	18.2	62,200	3940	.77	.92	1.00	17.6	60,200	4400	.78	.94	1.00	17.0	58,000	4920	.80	.95	1.00	16.4	55,800	5470	.81	.97	1.00
67°F (19.4°C)	850	1800	18.9	64,400	3940	.57	.70	.83	18.3	62,300	4410	.57	.71	.84	17.6	60,000	4920	.58	.72	.86	16.9	57,600	5480	.59	.73	.88
	945	2000	19.2	65,400	3940	.58	.72	.86	18.6	63,300	4410	.59	.73	.87	17.9	61,000	4920	.59	.75	.89	17.1	58,400	5480	.60	.76	.91
	1040	2200	19.5	66,400	3950	.59	.74	.89	18.8	64,100	4410	.60	.76	.90	18.1	61,700	4920	.61	.77	.92	17.3	59,200	5480	.62	.79	.94
71°F (21.7°C)	850	1800	20.2	69,000	3950	.43	.55	.67	19.6	66,800	4410	.43	.55	.68	18.9	64,400	4930	.43	.56							

**RATINGS**

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

**HS25-651-653 — C26-65(FC)EAP+G21V5 — CH23-68+GSR21V5**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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	kW	Btuh	75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	850	1800	17.7	60,500	3870	.74	.88	.99	17.1	58,500	4320	.75	.89	1.00	16.5	56,300	4830	.76	.91	1.00	15.8	54,000	5370	.77	.92	1.00
	945	2000	18.1	61,600	3870	.76	.91	1.00	17.4	59,500	4330	.77	.92	1.00	16.8	57,400	4830	.79	.94	1.00	16.1	55,100	5380	.80	.96	1.00
	1040	2200	18.3	62,600	3870	.78	.94	1.00	17.7	60,500	4330	.80	.95	1.00	17.1	58,400	4830	.81	.97	1.00	16.4	56,100	5380	.83	.98	1.00
67°F (19.4°C)	850	1800	18.9	64,500	3880	.57	.71	.84	18.3	62,400	4330	.58	.72	.86	17.6	60,100	4840	.59	.73	.87	16.9	57,600	5390	.59	.75	.89
	945	2000	19.2	65,500	3880	.59	.73	.87	18.6	63,300	4330	.59	.75	.89	17.8	60,900	4840	.60	.76	.91	17.1	58,400	5390	.61	.78	.93
	1040	2200	19.5	66,400	3880	.60	.76	.91	18.8	64,100	4330	.61	.77	.92	18.1	61,700	4840	.62	.79	.94	17.3	59,100	5390	.63	.80	.96
71°F (21.7°C)	850	1800	20.2	69,000	3890	.43	.56	.68	19.6	66,800	4340	.43	.56	.69	18.8	64,300	4850	.43	.57	.71	18.1	61,700	5410	.43	.58	.72
	945	2000	20.5	70,100	3890	.43	.57	.71	19.9	67,800	4340	.43	.58	.72	19.1	65,300	4850	.44	.59	.73	18.3	62,500	5410	.44	.60	.75
	1040	2200	20.8	70,900	3890	.44	.59	.73	20.1	68,600	4340	.44	.59	.75	19.3	66,000	4850	.44	.60	.76	18.5	63,200	5410	.45	.61	.78

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

**HS25-651-653 — C26-65(FC)EAP+G25MV5 — CH23-68+G25MV5**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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	kW	Btuh	75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	850	1800	18.0	61,500	4050	.74	.88	.99	17.4	59,400	4530	.75	.89	1.00	16.8	57,200	5060	.76	.91	1.00	16.1	54,900	5630	.77	.92	1.00
	945	2000	18.3	62,600	4050	.76	.91	1.00	17.7	60,500	4530	.77	.92	1.00	17.1	58,300	5060	.79	.94	1.00	16.4	56,000	5630	.80	.96	1.00
	1040	2200	18.6	63,600	4060	.78	.94	1.00	18.0	61,500	4530	.80	.95	1.00	17.4	59,300	5060	.81	.97	1.00	16.7	57,000	5640	.83	.98	1.00
67°F (19.4°C)	850	1800	19.2	65,600	4060	.57	.71	.84	18.6	63,400	4540	.58	.72	.86	17.9	61,000	5070	.59	.73	.87	17.1	58,500	5640	.59	.75	.89
	945	2000	19.5	66,600	4060	.59	.73	.87	18.9	64,400	4540	.59	.75	.89	18.1	61,900	5070	.60	.76	.91	17.4	59,300	5650	.61	.78	.93
	1040	2200	19.8	67,500	4060	.60	.76	.91	19.1	65,200	4540	.61	.77	.92	18.4	62,700	5070	.62	.79	.94	17.6	60,100	5650	.63	.80	.96
71°F (21.7°C)	850	1800	20.6	70,200	4070	.43	.56	.68	19.9	67,900	4550	.43	.56	.69	19.2	65,400	5080	.43	.57	.71	18.4	62,700	5660	.43	.58	.72
	945	2000	20.9	71,200	4070	.43	.57	.71	20.2	68,900	4550	.43	.58	.72	19.4	66,300	5080	.44	.59	.73	18.6	63,500	5670	.44	.60	.75
	1040	2200	21.1	72,100	4080	.44	.59	.73	20.4	69,700	4550	.44	.59	.75	19.6	67,000	5080	.44	.60	.76	18.8	64,300	5670	.45	.61	.78

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

**HS25-651-653 — CR26-51(N)(W)**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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	kW	Btuh	75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	660	1400	14.6	49,900	4020	.65	.79	.92	14.2	48,400	4460	.66	.80	.93	13.7	46,600	5000	.67	.81	.95	13.2	44,900	5670	.68	.83	.97
	755	1600	15.2	51,700	4040	.68	.82	.96	14.7	50,000	4470	.69	.83	.98	14.1	48,100	5010	.70	.85	1.00	13.5	46,200	5690	.71	.86	1.00
	850	1800	15.6	53,100	4040	.71	.84	1.00	15.0	51,300	4480	.72	.86	1.00	14.5	49,400	5020	.73	.88	1.00	13.9	47,400	5700	.74	.90	1.00
67°F (19.4°C)	660	1400	15.5	52,900	4040	.51	.65	.77	15.1	51,500	4480	.52	.66	.78	14.5	49,600	5020	.52	.66	.79	14.0	47,700	5700	.53	.67	.81
	755	1600	16.1	54,800	4050	.53	.67	.80	15.6	53,100	4490	.53	.68	.82	15.0	51,300	5040	.54	.69	.83	14.1	49,300	5710	.54	.70	.85
	850	1800	16.5	56,400	4060	.54	.68	.84	16.0	54,500	4500	.55	.69	.85	15.4	52,600	5050	.55	.71	.87	14.8	50,500	5720	.56	.72	.89
71°F (21.7°C)	660	1400	16.4	56,100	4060	.38	.52	.64	15.9	54,400	4500	.38	.53	.65	15.4	52,500	5050	.38	.53	.65	14.9	50,800	5720	.39	.54	.66
	755	1600	17.0	58,000	4070	.39	.53	.66	16.5	56,200	4510	.39	.54	.67	15.9	54,300	5060	.39	.55	.68	15.3	52,300	5740	.39	.55	.69
	850	1800	17.5	59,600	4090	.39	.55	.69	16.9	57,700	4530	.39	.55	.70	16.3	55,700	5070	.40	.56	.71	15.7	53,600	5750	.40	.57	.72

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

**HS25-651-653 — CR26-65(N)(W)**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						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	kW	Btuh	75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	660	1400	15.3	52,300	4030	.66	.80	.93	14.8	50,600	4470	.67	.81	.95	14.3	48,700	5010	.68	.83	.96	13.7	46,700	5700	.69	.85	.99
	755	1600	15.8	54,000	4040	.69	.83	.98	15.3	52,200	4480	.70	.85	1.00	14.7	50,200	5020	.71	.86	1.00	14.1	48,100	5700	.73	.89	1.00
	815	1800	16.2	55,400	4050	.72	.86	1.00	15.7	53,500	4490	.73	.88	1.00	15.1	51,500	5030	.74	.90	1.00	14.5	49,400	5710	.76	.92	1.00
67°F (19.4°C)	660	1400	16.2	55,400	4050	.52	.66	.78	15.7	53,700	4490	.52	.67	.79	15.2	51,800	5030	.53	.67	.81	14.6	49,800	5710	.54	.68	.82
	755	1600	16.8	57,400	4060	.54	.68	.82	16.3	55,500	4500	.54	.69	.83	15.7	53,500	5050	.55	.70	.84	15.1	51,400	5720	.55	.71	.86
	815	1800	17.3	58,900	4080	.55	.70	.85	16.7	57,000	4520	.56	.71	.87	16.1	54,900	5060	.56	.72	.88	15.4	52,700	5740	.57	.74	.90
71°F (21.7°C)	660	1400	17.2	58,700	4070	.39	.53	.65	16.6	56,800	4510	.39	.53	.66	16.1	54,800	5060	.39	.54	.66	15.5	52,800	5740	.39	.54	.67
	755	1600	17.8	60,700	4090	.39	.54	.67	17.2	58,700	4530	.39	.55	.68	16.											

# RATINGS

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

## HS25-651-653 — CH23-51

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C
L/s	cfm	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input				
63°F (17.2°C)	800	1700	15.4	52,500	3930	.66	.79	.90	14.9	50,700	4350	.67	.80	.92	14.3	48,900	4880	.68	.82	.93	13.8	47,000	5550	.69	.83	.95
	945	2000	16.2	55,300	3940	.70	.83	.97	15.6	53,400	4360	.71	.85	.99	15.1	51,600	4890	.72	.86	1.00	14.5	49,500	5550	.73	.88	1.00
	1085	2300	16.9	57,600	3950	.74	.88	1.00	16.3	55,500	4380	.75	.90	1.00	15.6	53,300	4910	.76	.91	1.00	14.9	51,000	5660	.78	.93	1.00
67°F (19.4°C)	800	1700	16.2	55,400	3940	.52	.65	.77	15.7	53,700	4370	.52	.66	.78	15.2	51,800	4900	.53	.67	.79	14.6	49,800	5550	.53	.68	.80
	945	2000	17.1	58,500	3960	.54	.68	.82	16.6	56,600	4390	.55	.69	.83	16.0	54,600	4920	.55	.71	.85	15.4	52,400	5570	.56	.72	.86
	1085	2300	17.8	60,700	3980	.57	.71	.87	17.2	58,600	4410	.57	.73	.89	16.6	56,500	4940	.58	.74	.90	15.9	54,200	5590	.59	.76	.92
71°F (21.7°C)	800	1700	17.1	58,400	3960	.39	.53	.64	16.6	56,600	4390	.39	.53	.65	16.0	54,700	4920	.39	.54	.66	15.4	52,600	5580	.39	.54	.67
	945	2000	18.1	61,600	3990	.40	.54	.68	17.5	59,600	4420	.40	.55	.69	16.9	57,600	4950	.40	.56	.70	16.2	55,300	5600	.40	.57	.71
	1085	2300	18.8	64,000	4020	.41	.56	.72	18.1	61,700	4450	.41	.57	.73	17.5	59,600	4980	.41	.58	.74	16.8	57,200	5630	.42	.59	.75

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

## HS25-651-653 — CH23-65

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C
L/s	cfm	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input				
63°F (17.2°C)	615	1300	14.7	50,200	4010	.69	.81	.92	14.2	48,600	4480	.70	.82	.93	13.7	46,900	5000	.71	.83	.95	13.2	45,100	5550	.72	.85	.96
	755	1600	15.3	52,300	4010	.73	.86	.97	14.9	50,700	4480	.74	.87	.99	14.3	48,800	5000	.75	.89	.99	13.7	46,900	5660	.76	.91	1.00
	895	1900	15.8	53,900	4010	.77	.91	1.00	15.3	52,200	4490	.78	.93	1.00	14.8	50,400	5010	.79	.94	1.00	14.2	48,400	5570	.81	.96	1.00
67°F (19.4°C)	615	1300	15.8	53,800	4010	.55	.66	.77	15.3	52,100	4490	.55	.67	.78	14.7	50,300	5010	.56	.68	.80	14.2	48,300	5570	.56	.69	.81
	755	1600	16.4	55,800	4020	.57	.70	.83	15.8	54,000	4490	.57	.71	.84	15.2	52,000	5010	.58	.72	.86	14.6	49,900	5580	.59	.73	.87
	895	1900	16.8	57,200	4020	.59	.74	.88	16.2	55,300	4490	.60	.75	.89	15.6	53,300	5010	.61	.77	.91	15.0	51,100	5580	.61	.78	.93
71°F (21.7°C)	615	1300	16.9	57,600	4020	.42	.53	.63	16.4	55,800	4490	.42	.53	.64	15.8	53,900	5020	.42	.54	.65	15.2	51,900	5590	.42	.54	.66
	755	1600	17.5	59,700	4020	.43	.55	.67	16.9	57,800	4500	.43	.56	.68	16.3	55,700	5020	.43	.56	.69	15.7	53,500	5590	.43	.57	.71
	895	1900	17.9	61,100	4030	.43	.57	.71	17.3	59,100	4500	.44	.58	.73	16.7	57,000	5020	.44	.59	.74	16.0	54,700	5600	.44	.60	.76

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

## HS25-651-653 — CB29M-51

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C
L/s	cfm	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input				
63°F (17.2°C)	825	1750	16.3	55,700	3910	.73	.87	.98	15.8	53,900	4370	.74	.88	.99	15.2	52,000	4880	.75	.90	1.00	14.7	50,000	5430	.77	.91	1.00
	850	1800	16.4	55,900	3910	.74	.88	.99	15.9	54,200	4370	.75	.89	.99	15.3	52,200	4880	.76	.91	1.00	14.7	50,200	5430	.77	.92	1.00
	875	1850	16.5	56,200	3910	.74	.89	.99	15.9	54,400	4370	.75	.90	1.00	15.4	52,500	4880	.77	.91	1.00	14.8	50,400	5430	.78	.93	1.00
67°F (19.4°C)	825	1750	17.3	59,200	3920	.57	.71	.84	16.8	57,300	4380	.58	.72	.85	16.2	55,200	4890	.58	.73	.87	15.5	53,000	5440	.59	.74	.88
	850	1800	17.4	59,400	3920	.57	.71	.84	16.9	57,500	4380	.58	.72	.86	16.2	55,400	4890	.59	.73	.87	15.6	53,300	5440	.60	.75	.89
	875	1850	17.5	59,700	3920	.58	.72	.85	16.9	57,700	4380	.58	.73	.87	16.3	55,700	4890	.59	.74	.88	15.6	53,400	5440	.60	.76	.90
71°F (21.7°C)	825	1750	18.5	63,200	3920	.43	.55	.68	17.9	61,200	4390	.43	.56	.69	17.3	59,000	4900	.43	.57	.70	16.6	56,700	5460	.43	.58	.72
	850	1800	18.6	63,400	3920	.43	.56	.69	18.0	61,400	4390	.43	.56	.70	17.3	59,200	4900	.43	.57	.71	16.7	56,900	5460	.44	.58	.72
	875	1850	18.6	63,600	3930	.43	.56	.69	18.1	61,600	4390	.43	.57	.70	17.4	59,400	4900	.43	.58	.72	16.7	57,100	5460	.44	.58	.73

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

## HS25-651-653 — CB29M-65

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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		
						75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C
L/s	cfm	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input	kW	Btuh	Watts Input				
63°F (17.2°C)	755	1600	16.6	56,700	3910	.71	.85	.96	16.1	54,800	4370	.72	.86	.97	15.5	52,900	4880	.73	.87	.98	14.9	50,800	5420	.75	.89	.99
	850	1800	16.9	57,800	3910	.74	.88	.99	16.4	55,900	4370	.75	.89	.99	15.8	54,000	4880	.76	.91	1.00	15.2	51,900	5430	.77	.92	1.00
	945	2000	17.2	58,800	3920	.76	.91	1.00	16.7	56,900	4380	.77	.92	1.00	16.1	54,900	4880	.79	.94	1.00	15.5	52,800	5430	.80	.95	1.00
67°F (19.4°C)	755	1600	17.7	60,400	3920	.56	.69	.81	17.1	58,400	4380	.57	.70	.82	16.5	56,400	4890	.57	.71	.84	15.9	54,200	5440	.58	.72	.86
	850	1800	18.0	61,400	3920	.57	.71	.84	17.4	59,500	4380	.58	.72	.86	16.8	57,300	4890	.59	.73	.87	16.1	55,000	5440	.60	.75	.89
	945	2000	18.3	62,300	3920	.59	.74	.88	17.7	60,300	4380	.59	.75	.89	17.0	58,100	4890	.60	.76	.91	16.3	55,700	5450	.61	.78	.92
71°F (21.7°C)	755	1600	18.9	64,500	3920	.42	.54	.66	18.3	62,400	4380	.43	.55	.67	17.7	60,300	4900	.43	.55	.68	17.0	57,900	5450	.43	.56	.69
	850	1800	1																							

**RATINGS**

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

**HS25-651-653 — CB30M-51**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	kW	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh	Watts Input	75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh	Watts Input	75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh	Watts Input	75°F 24°C	80°F 27°C	85°F 29°C		
63°F (17.2°C)	660	1400	16.6	56,600	3920	.69	.81	.92	16.1	54,800	4380	.69	.82	.93	15.5	52,800	4890	.70	.83	.95	14.9	50,700	5440	.71	.85	.96
	755	1600	17.0	58,100	3920	.71	.84	.96	16.5	56,200	4380	.72	.85	.97	15.9	54,100	4890	.73	.87	.98	15.2	52,000	5440	.74	.88	.99
	850	1800	17.4	59,400	3920	.73	.87	.99	16.8	57,400	4380	.74	.89	.99	16.2	55,300	4890	.76	.90	1.00	15.6	53,100	5450	.77	.92	1.00
67°F (19.4°C)	660	1400	17.8	60,600	3920	.55	.66	.77	17.2	58,700	4390	.55	.67	.78	16.6	56,600	4900	.56	.68	.80	15.9	54,300	5450	.56	.69	.81
	755	1600	18.2	62,100	3930	.56	.68	.81	17.6	60,100	4390	.56	.69	.82	17.0	57,900	4900	.57	.70	.83	16.3	55,500	5460	.58	.72	.85
	850	1800	18.6	63,300	3930	.57	.71	.84	17.9	61,200	4390	.58	.72	.85	17.3	58,900	4900	.58	.73	.87	16.6	56,500	5460	.59	.74	.89
71°F (21.7°C)	660	1400	19.0	65,000	3930	.42	.53	.63	18.4	62,900	4390	.42	.53	.64	17.8	60,700	4910	.42	.54	.65	17.1	58,300	5470	.42	.54	.66
	755	1600	19.5	66,500	3940	.42	.54	.66	18.8	64,300	4400	.42	.54	.66	18.2	62,000	4910	.43	.55	.68	17.4	59,500	5480	.43	.56	.69
	850	1800	19.8	67,700	3940	.43	.55	.68	19.2	65,500	4400	.43	.56	.69	18.5	63,100	4920	.43	.57	.70	17.7	60,500	5480	.43	.58	.72

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

**HS25-651-653 — CB31MV-51**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	kW	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh	Watts Input	75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh	Watts Input	75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh	Watts Input	75°F 24°C	80°F 27°C	85°F 29°C		
63°F (17.2°C)	670	1425	16.6	56,700	3920	.69	.81	.93	16.1	54,800	4380	.70	.83	.94	15.5	52,900	4890	.71	.84	.96	14.9	50,700	5440	.72	.86	.97
	765	1625	17.0	58,000	3920	.71	.84	.96	16.4	56,100	4380	.72	.86	.97	15.9	54,100	4890	.73	.87	.99	15.2	51,900	5440	.75	.89	1.00
	850	1805	17.3	59,100	3920	.73	.87	.99	16.8	57,200	4380	.74	.89	1.00	16.1	55,100	4890	.76	.90	1.00	15.5	52,800	5450	.77	.92	1.00
67°F (19.4°C)	670	1425	17.8	60,700	3920	.55	.67	.78	17.2	58,700	4390	.55	.67	.79	16.6	56,600	4900	.56	.68	.80	15.9	54,300	5450	.56	.69	.82
	765	1625	18.2	62,000	3930	.56	.69	.81	17.6	59,900	4390	.57	.69	.82	16.9	57,700	4900	.57	.71	.84	16.2	55,300	5460	.58	.72	.85
	850	1805	18.5	63,000	3930	.57	.71	.84	17.8	60,900	4390	.58	.72	.85	17.2	58,700	4900	.58	.73	.87	16.5	56,200	5460	.59	.74	.89
71°F (21.7°C)	670	1425	19.0	65,000	3930	.42	.53	.64	18.4	62,900	4390	.42	.53	.65	17.8	60,700	4910	.42	.54	.65	17.1	58,300	5470	.42	.55	.67
	765	1625	19.4	66,300	3940	.42	.54	.66	18.8	64,200	4400	.43	.55	.67	18.1	61,800	4910	.43	.55	.68	17.4	59,300	5480	.43	.56	.69
	850	1805	19.8	67,400	3940	.43	.55	.68	19.1	65,200	4400	.43	.56	.69	18.4	62,800	4920	.43	.57	.70	17.6	60,200	5480	.43	.58	.72

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

**HS25-651-653 — CB30M-65**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	kW	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh	Watts Input	75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh	Watts Input	75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh	Watts Input	75°F 24°C	80°F 27°C	85°F 29°C		
63°F (17.2°C)	780	1650	17.3	59,200	3950	.72	.85	.97	16.8	57,300	4410	.73	.86	.98	16.2	55,200	4930	.74	.88	.99	15.5	52,900	5490	.75	.90	1.00
	850	1800	17.6	60,200	3950	.74	.88	.99	17.1	58,200	4420	.75	.89	1.00	16.4	56,000	4930	.76	.91	1.00	15.8	53,800	5490	.77	.92	1.00
	920	1950	17.9	61,000	3950	.75	.90	1.00	17.3	59,000	4420	.77	.91	1.00	16.6	56,800	4930	.78	.93	1.00	16.0	54,500	5490	.79	.95	1.00
67°F (19.4°C)	780	1650	18.6	63,300	3960	.56	.69	.82	17.9	61,200	4420	.57	.70	.83	17.3	58,900	4940	.57	.71	.85	16.6	56,500	5500	.58	.73	.86
	850	1800	18.8	64,100	3960	.57	.71	.84	18.2	62,000	4420	.58	.72	.86	17.5	59,700	4940	.59	.73	.87	16.8	57,200	5500	.59	.75	.89
	920	1950	19.0	64,900	3960	.58	.73	.87	18.4	62,700	4420	.59	.74	.88	17.7	60,300	4940	.60	.75	.90	16.9	57,800	5510	.61	.77	.92
71°F (21.7°C)	780	1650	19.8	67,700	3970	.42	.54	.66	19.2	65,500	4430	.43	.55	.67	18.5	63,100	4950	.43	.56	.69	17.7	60,500	5520	.43	.57	.70
	850	1800	20.1	68,600	3970	.43	.56	.68	19.4	66,300	4430	.43	.56	.69	18.7	63,900	4950	.43	.57	.71	18.0	61,300	5520	.44	.58	.72
	920	1950	20.3	69,300	3970	.43	.57	.70	19.6	67,000	4430	.43	.57	.71	18.9	64,600	4950	.44	.58	.73	18.1	61,900	5520	.44	.59	.74

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

**HS25-651-653 — CB31MV-65**

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						Dry Bulb		
L/s	cfm	kW	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh	Watts Input	75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh	Watts Input	75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh	Watts Input	75°F 24°C	80°F 27°C	85°F 29°C		
63°F (17.2°C)	765	1625	17.2	58,800	3950	.71	.85	.96	16.6	56,800	4410	.72	.86	.97	16.1	54,800	4920	.73	.87	.99	15.4	52,500	5480	.75	.89	1.00
	850	1805	17.6	60,100	3950	.74	.88	.99	17.0	58,100	4410	.75	.89	1.00	16.4	55,900	4920	.76	.91	1.00	15.7	53,600	5480	.77	.93	1.00
	945	2005	17.9	61,100	3950	.76	.91	1.00	17.3	59,100	4410	.77	.92	1.00	16.7	57,000	4930	.79	.94	1.00	16.0	54,700	5490	.80	.96	1.00
67°F (19.4°C)	765	1625	18.4	62,800	3950	.56	.69	.81	17.8	60,700	4420	.57	.70	.82	17.1	58,500	4930	.57	.71	.84	16.4	56,100	5490	.58	.72	.86
	850	1805	18.8	64,000	3950	.57	.71	.84	18.1	61,800	4420	.58	.72	.86	17.5	59,600	4930	.59	.73	.87	16.7	57,100	5500	.60	.75	.89
	945	2005	19.0	64,900	3960	.59	.74	.88	18.4	62,800	4420	.60	.75	.89	17.7	60,400	4940	.60	.76	.91	17.0	57,900	5500	.61	.78	.93
71°F (21.7°C)	765	1625	19.7	67,200	3960	.42	.54	.66	19.0	65,000	4420	.43	.55	.67	18.3	62,600	4940	.43	.55	.68	17.6	60,100	5510	.43	.56	.69
	850	1805	20.0	68,400	3960	.43	.56	.69	19.4	66,100	4430	.43	.56	.70	18.7	63,700	4950	.43	.57	.71	17.9	61,100	5520	.44	.58	.72
	945	2005	20.3	69,300	3970	.43	.57	.71																		

# RATINGS

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

## ♣ HS25-651-653 — CVP10-65/EC10Q5

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser 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)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
						Dry Bulb						Dry Bulb						Dry Bulb						Dry Bulb		
			L/s	cfm	kW	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh	4500	75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh	5100	75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh	5100	75°F 24°C	80°F 27°C
63°F (17.2°C)	755	1600	16.3	55,500	4060	.70	.84	.98	15.7	53,500	4500	.71	.86	1.00	15.1	51,400	5040	.72	.88	1.00	14.5	49,500	5710	.73	.90	1.00
	850	1800	16.7	57,000	4060	.72	.88	1.00	16.1	55,000	4510	.73	.90	1.00	15.5	52,900	5050	.75	.91	1.00	14.9	50,700	5720	.76	.94	1.00
	945	2000	17.1	58,300	4080	.75	.91	1.00	16.5	56,400	4520	.76	.93	1.00	15.9	54,100	5060	.78	.95	1.00	15.2	52,000	5730	.79	.97	1.00
67°F (19.4°C)	755	1600	17.3	59,000	4080	.55	.68	.82	16.7	57,000	4520	.55	.69	.83	16.1	54,900	5070	.56	.70	.85	15.4	52,700	5740	.56	.72	.87
	850	1800	17.7	60,500	4100	.56	.71	.86	17.1	58,400	4540	.57	.72	.87	16.5	56,300	5080	.57	.73	.89	15.8	54,000	5750	.58	.75	.91
	945	2000	18.1	61,800	4110	.58	.73	.89	17.5	59,600	4550	.58	.74	.91	16.8	57,400	5090	.59	.76	.93	16.1	55,000	5760	.60	.78	.95
71°F (21.7°C)	755	1600	18.3	62,600	4120	.40	.54	.68	17.7	60,500	4560	.41	.55	.69	17.1	58,400	5100	.41	.56	.70	16.4	56,000	5770	.41	.56	.71
	850	1800	18.8	64,200	4140	.41	.56	.70	18.2	62,000	4580	.41	.56	.71	17.5	59,700	5120	.42	.57	.72	16.8	57,300	5790	.42	.58	.74
	945	2000	19.2	65,400	4150	.42	.57	.73	18.5	63,200	4590	.42	.58	.74	17.8	60,900	5140	.42	.59	.75	17.1	58,400	5810	.43	.60	.76

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