

HS19 SERIES CONDENSING UNITS EXPANSION VALVE SYSTEMS

HS19

10.00 to 12.65 SEER

*21,000 to 63,000 Btuh (6.2 to 18.5 kW) Cooling Capacity
2 thru 5 Tons (7.0 to 17.6 kW)

Bulletin #210047
August 1994
Supersedes
November 1993

*DOE and ARI Certified Ratings



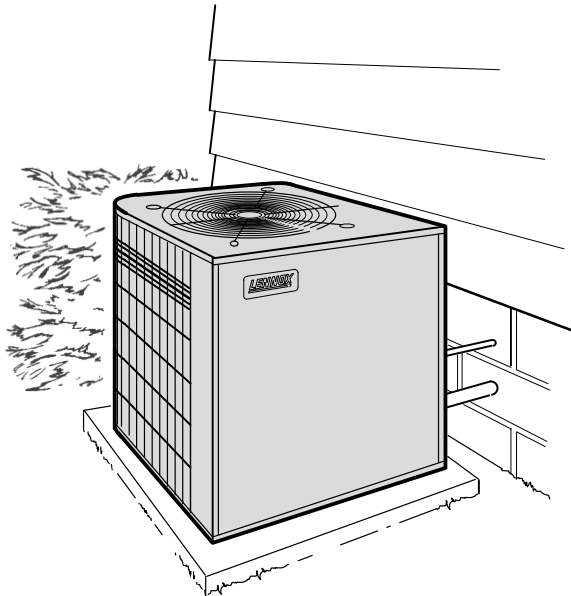
CERTIFICATION APPLIES ONLY
WHEN THE COMPLETE
SYSTEM IS LISTED
WITH ARI



CERTIFICATION APPLIES ONLY
WHEN USED WITH PROPER
COMPONENTS AS LISTED
WITH ARI



Typical Application



FEATURES

Application — The HS19 series condensing units feature extra high efficiency with minimum operating sound levels. High efficiency ratios have been accomplished with an extra large condenser coil, coil circuiting and high condenser air volume delivered by a highly efficient direct drive fan. 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 according to U.S. Department of Energy (DOE) test procedures and in accordance with ARI Standard 210/240-89. In addition, units have been sound rated in the Lennox reverberant sound test room in accordance with ARI Standard 270-84. Condensing units and components within are bonded for grounding to meet safety standards for servicing required by U.L., N.E.C. and C.E.C. Units are also U.L. listed and C.S.A. certified.

Equipment Warranty — The compressor has a limited warranty for a full ten years in residential installations and five 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 certificate included with the unit for details.

Unit 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. Base section extruded 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.

Compressor — Reliable compressor is hermetically sealed and provides trouble-free operation and long service life. Built-in protection devices assure protection from excessive current and temperatures. Suction cooled, overload protected and equipped with internal pressure relief. Factory installed muffler is furnished in the discharge line. A crankcase heater is furnished as standard equipment and ensures proper compressor lubrication at all times. Crankcase heater is temperature actuated to operate only when required. The entire running gear is spring mounted within the sealed housing. In addition, the compressor is installed in the unit on resilient rubber mounts assuring quiet and vibration free operation.

FEATURES

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.

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.

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 access to refrigerant system. Suction valve can be fully shut off, while the liquid valve may be back-seated to manage refrigerant charge while servicing the system. 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.

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

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.

Start Controls — Furnished and factory installed. Provides assistance for compressor start under loaded conditions or in case of low voltage.

Timed-Off Control — 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 time delay between compressor shutoff and start-up.

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. Lines are furnished with a flare fitting (evaporator unit connection) on one end and less any fitting (stud) on the opposite end for connection to the condensing unit.

Expansion Valve Kits (Optional) — Must be ordered extra and field installed on certain 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).

⊕ **Compressor Monitor (Optional)** — Compressor monitor T6-1469 (45F08) is available for field installation. Non-adjustable switch (low ambient cut-out) prevents compressor operation when outdoor temperature is below 35°F (2°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. Use MB1-24 (78H50) 32" x 34" x 3" (813 mm x 864 mm x 76 mm) shipping weight 15 lbs. (7 kg) each.

SPECIFICATIONS

Model No.		HS19-261	HS19-311	HS19-411 HS19-413	HS19-461 HS19-463	HS19-511 HS19-651	HS19-651 HS19-653	
Condenser Coil	Net face area sq. ft. (m ²)	Outer coil	11.8 (1.10)	15.9 (1.48)	15.9 (1.48)	15.9 (1.48)	18.2 (1.69)	21.6 (2.0)
		Inner coil	5.4 (.50)	5.5 (.51)	5.5 (.51)	8.8 (.82)	11.0 (1.02)	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)
	No. of rows		1.48	1.36	1.36	1.57	1.62	2
	Fins per inch (m)		20 (787)	20 (787)	20 (787)	20 (787)	20 (787)	20 (787)
Condenser Fan	Diameter — in. (mm) & no. of blades		20 (508) — 4	24 (610) — 3	24 (610) — 3	24 (610) — 3	24 (610) — 4	24 (610) — 4
	Motor hp (W)		1/6 (124)	1/6 (124)	1/6 (124)	1/6 (124)	1/4 (187)	1/4 (187)
	Cfm (L/s)		2450 (1155)	3150 (1485)	3150 (1485)	3100 (1465)	4025 (1900)	3875 (1355)
	Rpm		820	820	820	820	845	840
	Watts		210	220	220	220	340	325
*Refrigerant charge furnished (HCFC-22)		5 lbs. 10 oz. (2.55 kg)	6 lbs. 9 oz. (2.98 kg)	7 lbs. 1 oz. (3.20 kg)	7 lbs. 14 oz. (3.57 kg)	9 lbs. 0 oz. (4.08 kg)	11 lbs. 12 oz. (5.33 kg)	
Liquid line connection (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)	
Suction line connection (o.d.) — in. (mm) sweat		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		200 (91)	238 (108)	252 (114)	260 (118)	280 (127)	324 (147)	

*Refrigerant charge sufficient for 25 ft. (7.6 m) length of refrigerant lines.

ARI RATINGS

Condensing Unit Model No. *ARI Standard 270 SRN (bels)	●ARI Standard 210/240 Ratings					Evaporator Unit			***Expansion Valve Kit Required
	†SEER (Btuh/Watts)	EER (Btuh/Watts)	Cooling Capacity		Total Unit Watts	Up-Flo	Down-Flo	Horizontal	
			Btuh	kW					
HS19-261 (7.2)	10.10	9.10	21,000	6.2	2308	----	CR18-21	----	LB-85663G (49J25)
	10.00	9.25	21,800	6.4	2355	----	----	CH23-21	
	10.05	9.45	21,800	6.4	2305	----	CR22-21/B24	----	★Factory Installed
	10.00	9.30	22,000	6.4	2365	----	----	CH23-31	LB-85663G (49J25)
	11.35	10.10	22,200	6.5	2200	**CB19-21	**CB19-21	**CBH19-21	★Factory Installed
	10.20	9.55	22,400	6.6	2345	C22-21FC/B24	----	----	
	10.05	9.50	22,400	6.6	2360	C26-21(FC)	----	----	LB-85663G (49J25)
	10.35	9.50	22,400	6.6	2360	----	----	CH22-21/B24	
	10.50	9.65	22,800	6.7	2365	----	----	CH24-31/B24	LB-85663G (49J25)
	10.50	9.70	22,800	6.7	2350	C23-26(FC), C23-26W(FC)	----	----	
	10.70	9.80	23,000	6.7	2347	C24-26FC/B24, C24-26WFC/B24	----	----	★Factory Installed
	10.85	9.75	23,000	6.7	2360	----	----	CR18-31	
	11.00	9.75	23,000	6.7	2360	----	----	CH22-31/B24	★Factory Installed
	10.55	9.75	23,000	6.7	2360	----	----	CH22-41/B24	
	11.35	10.10	23,100	6.8	2290	C23-31(FC), C23-31W(FC)	----	----	LB-85663G (49J25)
	10.55	9.95	23,500	6.9	2360	C24-31FC/B24, C24-31WFC/B24	----	----	
	10.85	10.00	23,600	6.9	2360	**CB19-26	**CB19-26	**CBH19-26	★Factory Installed
	10.55	10.10	23,800	7.0	2355	C22-26FC/B24, C22-26WFC/B24	----	----	
	10.85	10.00	23,800	7.0	2380	C26-26(FC), C26-26W(FC)	----	----	LB-85663G (49J25)
	11.00	10.05	24,000	7.0	2390	☼ **CVP10-26/EC10Q3	----	----	
	11.05	10.05	24,000	7.0	2390	C23-41(FC), C23-41W(FC)	----	----	★Factory Installed
11.05	10.15	24,200	7.1	2385	C24-41FC/B24, C24-41WFC/B24	----	----		
HS19-311 (7.4)	10.70	9.65	27,000	7.9	2800	----	CR18-41	----	LB-85663H (49J26)
	10.60	9.50	27,000	7.9	2840	----	CR22-31/B24 CR22-31W/B24	----	
	10.80	9.85	28,000	8.2	2845	C22-31FC/B24, C22-31WFC/B24	----	----	★Factory Installed
	10.60	9.55	28,000	8.2	2930	C26-26(FC), C26-26W(FC)	----	----	
	11.00	9.80	28,200	8.3	2878	----	----	CH23-21	LB-85663H (49J26)
	10.70	9.65	28,400	8.3	2940	----	CR18-31	----	
	11.05	9.70	28,600	8.4	2945	----	----	CH23-31	★Factory Installed
	11.05	9.65	28,600	8.4	2965	C23-31(FC), C23-31W(FC)	----	----	
	11.20	10.45	28,600	8.4	2750	C24-31FC/B24, C24-31WFC/B24	----	----	LB-85663H (49J26)
	11.35	9.75	28,800	8.4	2955	----	----	CH24-41/B24	
	11.15	9.80	29,000	8.5	2960	**CB19-26	**CB19-26	**CBH19-26	★Factory Installed
	11.35	9.95	29,600	8.7	2975	----	----	CR22-31/B24 CR22-31W/B24	
	11.00	9.90	29,800	8.7	3005	C23-41(FC), C23-41W(FC)	----	----	LB-85663H (49J26)
	11.05	9.90	29,800	8.7	3010	C24-41FC/B24, C24-41WFC/B24	----	----	
	11.35	9.80	29,800	8.7	3040	----	CR18-41	----	★Factory Installed
	11.00	10.20	30,000	8.8	2940	C22-31FC/B24, C22-31WFC/B24	----	----	
	11.05	10.00	30,200	8.8	3020	C26-31(FC), C26-31W(FC)	----	----	★Factory Installed
	11.20	10.10	30,800	9.0	3050	☼ **CVP10-31/EC10Q3	----	----	
	11.40	10.50	30,800	9.0	2935	**CVP10-41/EC10Q3	----	----	★Factory Installed
	11.55	10.15	31,000	9.1	3055	**CB19-31	**CB19-31	**CBH19-31	
						C22-41FC/B24	CR22-41/B24	----	
					C26-41(FC)	----	----		

● 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 in accordance with ARI Standard 270.
 ** Blower powered evaporator.
 ***Kit is required and must be ordered extra, unless shown as factory installed.
 †Seasonal Energy Efficiency Ratio (Btuh/Watt).
 ☼ Canadian usage only.
 ★Furnished as standard with coil.
 NOTE — B24 blower not included in ratings for C22/CR22/CH22 and C24/CH24 series coils. B24 shown for matching reference only.
 NOTE — Shaded area denotes most popular evaporator coil.

ARI RATINGS

Condensing Unit Model No. *ARI Standard 270 SRN (bels)	●ARI Standard 210/240 Ratings				Evaporator Unit			***Expansion Valve Kit Required	
	†SEER (Btuh/Watts)	EER (Btuh/Watts)	Cooling Capacity		Total Unit Watts	Up-Flo	Down-Flo		Horizontal
			Btuh	kW					
HS19-411 HS19-413 (7.6)	10.05	9.45	30,600	9.0	3240	----	----	CH24-31/B24	LB-85663H (49J26)
	10.55	9.70	32,600	9.6	3360	C23-31(FC), C23-31W(FC)	----	----	
	10.55	9.80	32,600	9.6	3327	C24-31FC/B24, C24-31WFC/B24	----	----	
	10.20	9.60	33,200	9.7	3465	----	CR18-31	----	
	11.00	10.10	33,600	9.8	3325	----	CR22-31/B24 CR22-31W/B24	----	★Factory Installed
	11.00	10.00	34,000	10.0	3400	----	----	CH22-31/B24	
	10.80	9.80	34,000	10.0	3470	C23-41(FC), C23-41W(FC)	----	----	LB-85663H (49J26)
	10.55	9.80	34,000	10.0	3470	C24-41FC/B24, C24-41WFC/B24	----	----	
	11.00	10.00	34,600	10.1	3460	----	CR18-41	----	★Factory Installed
	11.05	10.20	34,800	10.2	3410	C22-31FC/B24, C22-31WFC/B24	----	----	
	11.05	10.15	35,000	10.3	3450	C26-31(FC), C26-31W(FC)	----	----	★Factory Installed
	11.05	10.00	35,000	10.3	3500	----	CR22-41/B24	----	
	11.00	10.00	35,000	10.3	3505	C23-46(FC)	----	----	LB-85663H (49J26)
	11.00	10.10	35,200	10.3	3485	C24-46FC/B24	----	----	
	11.10	10.10	35,600	10.4	3525	----	CR18-51	----	★Factory Installed
	11.05	10.10	35,600	10.4	3540	C23-51(FC)	----	----	
	11.05	10.10	35,600	10.4	3525	C24-51FC/B24	----	----	LB-85663H (49J26)
	11.00	10.20	35,800	10.5	3510	----	CR22-41/B24	----	
	11.20	10.20	36,000	10.5	3530	C22-41FC/B24	----	----	★Factory Installed
	11.50	10.05	36,000	10.5	3575	C26-41(FC)	----	----	
	11.20	10.20	36,000	10.5	3530	C26-46(FC)	----	----	★Factory Installed
	11.55	10.25	36,200	10.6	3530	☼ **CVP10-41/EC10Q3	----	----	
	11.05	10.20	36,200	10.6	3550	C22-46FC/B24	----	----	★Factory Installed
	11.60	10.30	36,400	10.7	3535	----	CR22-51/B24	----	
	11.50	10.15	36,400	10.7	3585	C22-51FC/B24	----	----	★Factory Installed
	11.90	10.70	36,800	10.8	3440	C26-51(FC)	----	----	
	11.90	10.70	36,800	10.8	3440	**CB19-31	**CB19-31	**CBH19-31	★Factory Installed
	11.90	10.70	36,800	10.8	3440	**CB19-41	**CB19-41	**CBH19-41	
	11.90	11.10	36,800	10.8	3315	**CB21V-41	**CB21V-41	**CBH21V-41	★Factory Installed
	11.70	10.90	37,500	11.0	3440	**CB19-51	**CB19-51	**CBH19-51	
12.05	11.30	38,000	11.1	3360	**CB21V-51	**CB21V-51	**CBH21V-51	★Factory Installed	
10.30	9.40	38,500	11.3	4105	----	----	CH24-41/B24		
HS19-461 HS19-463 (7.8)	10.55	9.50	39,000	11.4	4105	C23-41(FC), C23-41W(FC)	----	----	LB-85663D (43J76)
	10.85	9.70	40,000	11.7	4124	C24-41FC/B24, C24-41WFC/B24	----	----	
	11.00	9.75	40,000	11.7	4100	----	CR18-41	----	★Factory Installed
	11.00	9.70	41,000	12.0	4225	----	CR22-41/B24	----	
	11.00	9.65	41,000	12.0	4250	C23-46(FC)	----	----	LB-85663D (43J76)
	11.00	9.80	41,500	12.2	4235	C24-46FC/B24	----	----	
	11.00	9.95	41,500	12.2	4170	----	CR18-51	----	★Factory Installed
	11.00	10.10	41,700	12.2	4130	C22-41FC/B24	----	----	
	11.00	9.80	41,800	12.2	4270	C26-41(FC)	----	----	LB-85663D (43J76)
	11.40	10.60	42,000	12.3	3960	**CB19-41	**CB19-41	**CBH19-41	
	11.05	9.80	42,000	12.3	4285	**CB21V-41	**CB21V-41	**CBH21V-41	★Factory Installed
	11.00	9.90	42,500	12.5	4300	C23-51(FC)	----	----	
	11.05	9.85	42,500	12.5	4315	C24-51FC/B24	----	CH24-51/B24	★Factory Installed
	10.75	9.70	42,500	12.5	4380	----	----	CH23-51	
	11.30	10.00	43,000	12.6	4300	☼ **CVP10-46/EC10Q4	----	----	★Factory Installed
	11.30	10.20	43,000	12.6	4210	C22-46FC/B24	----	----	
	11.00	9.80	43,500	21.7	4440	C26-46(FC)	----	----	★Factory Installed
	11.35	10.05	43,500	12.7	4330	☼ **CVP10-51/EC10Q4	----	----	
	11.35	10.30	43,500	12.7	4225	C22-51FC/B24	CR22-51/B24	----	★Factory Installed
	11.40	10.10	43,500	12.7	4305	C26-51(FC)	----	----	
11.70	10.60	45,000	13.2	4245	**CB19-51	**CB19-51	**CBH19-51	★Factory Installed	
					**CB21V-51	**CB21V-51	**CBH21V-51		

● 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 in accordance with ARI Standard 270.

** Blower powered evaporator.

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

†Seasonal Energy Efficiency Ratio (Btuh/Watt). ★Furnished as standard with coil.

☼ Canadian usage only.

NOTE — B24 blower not included in ratings for C22/CR22/CH22 and C24/CH24 series coils. B24 shown for matching reference only.

NOTE — Shaded area denotes most popular evaporator coil.

ARI RATINGS

Condensing Unit Model No. *ARI Standard 270 SRN (bels)	•ARI Standard 210/240 Ratings					Evaporator Unit			***Expansion Valve Kit Required	
	†SEER (Btuh/Watts)	EER (Btuh/Watts)	Cooling Capacity		Total Unit Watts	Up-Flo	Down-Flo	Horizontal		
			Btuh	kW						
HS19-511 HS19-513 (8.0)	10.55	10.20	44,500	13.0	4360	----	CR22-41/B24	----	★Factory Installed	
	10.75	10.40	46,000	13.5	4425	C22-41FC/B24 C26-41(FC)	----	----		
	10.55	10.25	46,000	13.5	4490	----	----	CH22-41/B24	LB-85663D (43J76)	
	10.60	10.20	46,000	13.5	4510	C23-46(FC) C24-46FC/B24	----	----		
	11.00	10.40	48,000	14.1	4615	----	----	CH24-51/B24	★Factory Installed	
	11.00	9.60	48,000	14.1	4990	C26-46(FC) C23-51(FC)	----	----		
	11.10	10.25	48,000	14.1	4680	C24-51FC/B24	----	----	LB-85663D (43J76)	
	11.05	10.00	48,500	14.2	4850	----	CR18-51	----		
	10.60	9.90	48,500	14.2	4900	⊕ **CVP10-51/EC10Q4 ⊕ **CVP10-65/EC10Q5	----	----	★Factory Installed	
	11.25	10.40	48,500	14.2	4665	----	CR22-51/B24	----		
	11.20	10.70	49,000	14.4	4580	C22-46FC/B24	----	----	★Factory Installed	
	11.25	9.75	49,000	14.4	5020	C26-51(FC)	----	----		
	11.25	9.80	49,000	14.4	5005	C26-65(FC)	----	----	LB-85663D (43J76)	
	11.10	9.75	49,000	14.4	5020	----	----	CH23-51		
	11.20	10.45	49,000	14.4	4690	C23-65(FC) C24-65FC/B24	----	CH24-65/B24	★Factory Installed	
	11.25	10.50	49,500	14.5	4715	C22-51FC/B24	----	CH22-51/B24		
	11.55	10.50	50,000	14.7	4760	C22-65FC/B24	CR22-65/B24	CH22-65/B24	★Factory Installed	
	11.55	10.50	50,000	14.7	4760	C26-65(FC)EAP	----	----		
	11.20	10.00	50,500	14.8	5050	----	----	CH19-51	LB-85663D (43J76)	
	11.10	10.10	50,500	14.8	5000	----	CR18-65	----		
	11.35	10.05	50,500	14.8	5020	----	----	CH23-65	★Factory Installed	
	11.55	10.25	51,000	14.9	4975	**CB19-51	**CB19-51	**CBH19-51		
	12.25	11.05	53,000	15.5	4795	**CB21V-51	**CB21V-51	**CBH21V-51	★Factory Installed	
	11.35	10.55	54,000	15.8	5120	----	----	CH19-65		
	11.75	10.85	55,000	16.1	5070	**CB19-65	**CB19-65	**CBH19-65	★Factory Installed	
	12.65	11.50	56,000	16.4	4870	**CB21V-65	**CB21V-65	**CBH21V-65		
	HS19-651 HS19-653 (8.0)	10.55	9.80	53,500	15.7	5460	----	CR22-51/B24	CH22-51/B24	★Factory Installed
		10.55	9.85	54,000	15.8	5480	----	----	CH24-65/B24	
10.55		10.00	55,000	16.1	5500	C23-51(FC) C24-51FC/B24	----	----	LB-85663E (43J77)	
10.35		9.50	55,000	16.1	5790	----	CR18-51	----		
10.50		9.90	55,000	16.1	5570	C26-46(FC)	----	----	★Factory Installed	
10.55		10.20	56,000	16.4	5490	C22-46FC/B24	----	----		
10.75		9.90	56,000	16.4	5655	CB19-51	CB19-51	CBH19-51	★Factory Installed	
11.35		10.10	56,500	16.6	5595	----	CR22-65/B24	----		
11.05		10.25	57,000	16.7	5560	C22-51FC/B24	----	----	LB-85663E (43J77)	
11.00		9.95	57,000	16.7	5735	C26-51(FC)	----	----		
11.00		9.75	57,000	16.7	5835	C26-65(FC)	----	----	★Factory Installed	
11.00		10.00	57,000	16.7	5700	C23-65(FC) C24-65FC/B24	----	----		
10.70		9.70	57,000	16.7	5876	----	CR18-65	----	★Factory Installed	
11.05		10.40	57,500	16.8	5530	----	----	CH22-65/B24		
11.00		10.00	58,000	17.0	5800	----	----	CH19-51	★Factory Installed	
9.80		9.20	58,000	17.0	6305	⊕ **CVP10-65/EC10Q5	----	----		
10.40		9.85	58,800	17.2	5980	----	----	CH23-51	★Factory Installed	
11.55		10.25	59,000	17.3	5755	C22-65FC/B24 C26-65(FC)EAP	----	----		
11.00		10.05	59,000	17.3	5870	----	----	CH23-65	★Factory Installed	
11.60		10.70	60,000	17.6	5610	**CB21V-51	**CB21V-51	**CBH21V-51		
11.35		10.35	62,000	18.2	5990	----	----	CH19-65	★Factory Installed	
11.55		10.40	62,000	18.2	5960	**CB19-65	**CB19-65	**CBH19-65		
11.70		11.00	63,000	18.5	5730	**CB21V-65	**CB21V-65	**CBH21V-65		

• 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 in accordance with ARI Standard 270.

** Blower powered evaporator.

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

†Seasonal Energy Efficiency Ratio (Btuh/Watt).

*Furnished as standard with coil.

⊕ Canadian usage only.

NOTE — B24 blower not included in ratings for C22/CR22/CH22 and C24/CH24 series coils. B24 shown for matching reference only.

NOTE — Shaded area denotes most popular evaporator coil.

ELECTRICAL DATA

Model No.		HS19-261	HS19-311	HS19-411	HS19-413		HS19-461	HS19-463	
Line voltage data — 60hz		208/230v 1ph	208/230v 1ph	208/230v 1ph	208/230v 3ph	†460v 3ph	208/230v 1ph	208/230v 3ph	†460v 3ph
Compressor	Rated load amps	10.3	14.2	13.5	10.7	4.6	18.3	11.6	5.2
	Power factor	.94	.98	.98	.88	.88	.98	.88	.88
	Locked rotor amps	49.0	66.0	78.8	59.5	30.7	97.6	73.4	37.7
Condenser Coil Fan Motor	Full load amps	1.1	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	2.3	2.0	2.0	2.3
Rec. maximum fuse or HACR circuit breaker size (amps)		20	30	30	25	15	40	25	15
*Minimum circuit ampacity		14.2	18.9	18.1	14.5	6.9	24.1	15.6	7.6

*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.

†Extremes of operating range are plus and minus 10% of line voltage.

ELECTRICAL DATA

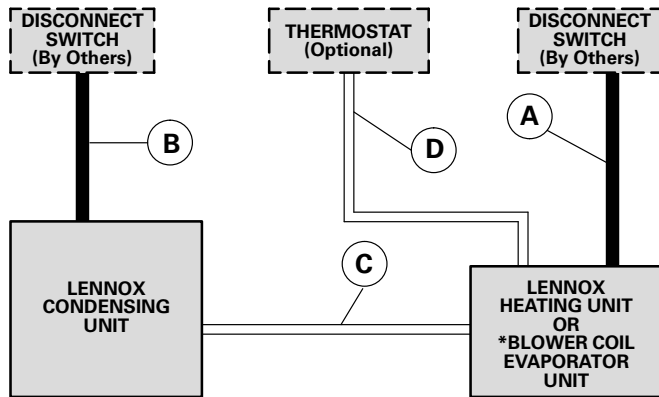
Model No.		HS19-511	HS19-513		HS19-651	HS19-653	
Line voltage data — 60 hz		208/230v 1ph	208/230v 3ph	†460v 3ph	208/230v 1ph	208/230v 3ph	†460v 3ph
Compressor	Rated load amps	18.0	12.6	6.4	22.0	14.5	7.2
	Power factor	.99	.79	.79	.99	.79	.79
	Locked rotor amps	105.0	130.0	64.0	135.0	150.0	73.0
Condenser Coil Fan Motor	Full load amps	1.7	1.7	1.1	1.7	1.7	1.1
	Locked rotor amps	3.1	3.1	2.3	3.1	3.1	2.3
Rec. maximum fuse or HACR circuit breaker size (amps)		50	30	15	60	35	20
*Minimum circuit ampacity		30.5	20.1	9.9	36.9	22.5	13.1

*Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements.

NOTE — Extremes of operating range are plus 10% and minus 5% of line voltage.

†Extremes of operating range are plus and minus 10% 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

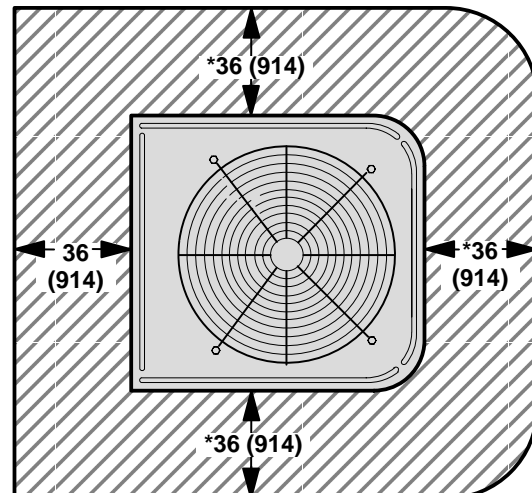
All wiring must conform to NEC or CEC and local electrical codes.

REFRIGERANT LINE KITS

Condensing Unit Model No.	Line Set Model No.	Length of Suction & Liq. Lines		Liquid Line (o.d.)		Suction Line (o.d.)	
		ft.	m	in.	mm	in.	mm
HS19-261 HS19-311 HS19-411 HS19-413	L10-41-20	20	6.1	3/8	9.5	3/4	19
	L10-41-30	30	9.1				
	L10-41-40	40	12.2				
	L10-41-50	50	15.2				
HS19-461 HS19-463 HS19-511 HS19-513	L10-65-30	30	9.1	3/8	9.5	7/8	22.2
	L10-65-40	40	12.2				
	L10-65-50	50	15.2				
HS19-651 HS19-653	*Not available			3/8	9.5	1-1/8	22.2

*Field fabricate.

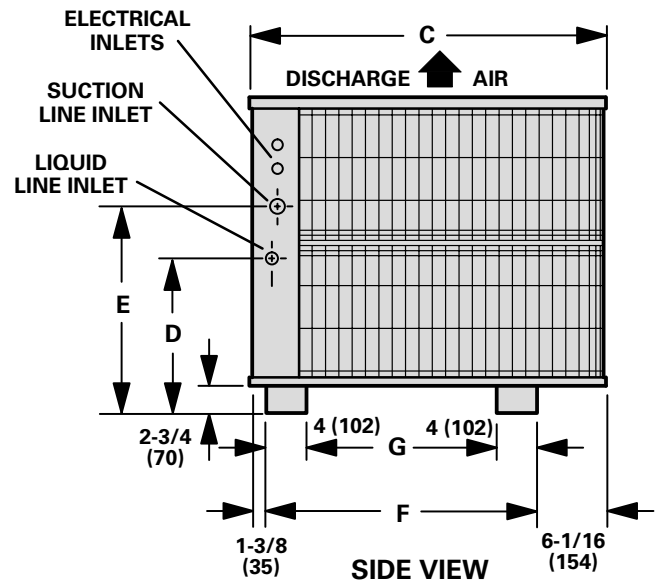
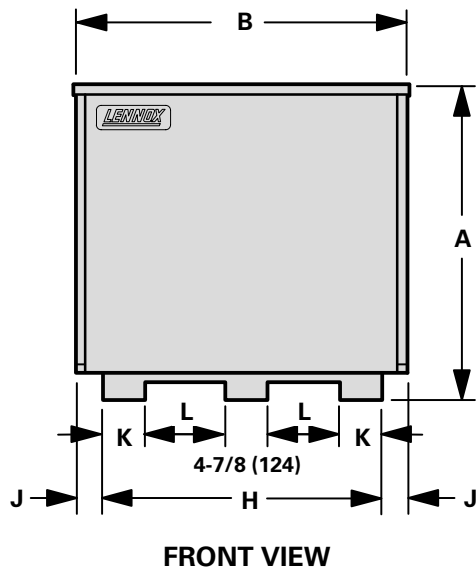
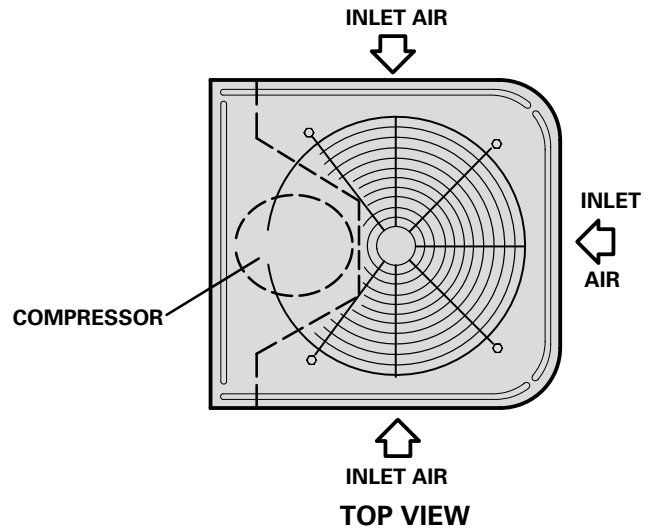
INSTALLATION CLEARANCES — inches (mm)



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
HS19-261	in.	27-7/8	25-7/8	29-7/8	12-1/4	16-3/4	22-7/16	14-7/16	22-1/8	1-7/8	2-7/8	5-1/2
	mm	581	657	759	311	425	570	367	562	48	73	140
HS19-311 HS19-411-413	in.	30-7/8	32-1/8	34-1/16	12-3/4	17-1/4	26-5/8	18-5/8	28-1/8	2	3-7/8	7-1/2
	mm	784	816	865	324	438	676	473	714	51	98	191
HS19-461-463	in.	30-7/8	32-1/8	34-1/16	12-3/4	17-1/4	26-5/8	18-5/8	28-1/8	2	3-7/8	7-1/2
	mm	784	816	865	324	438	676	473	714	51	98	191
HS19-511-513	in.	34-7/8	32-1/8	34-1/16	13-3/4	18-1/4	26-5/8	18-5/8	28-1/8	2	3-7/8	7-1/2
	mm	886	816	865	349	464	676	473	714	51	98	191
HS19-651-653	in.	40-7/8	32-1/8	34-1/16	25-1/4	20-3/4	26-5/8	18-5/8	28-1/8	2	3-7/8	7-1/2
	mm	1038	816	865	641	527	676	473	714	51	98	191

RATINGS

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

HS19-261 — CR18-21

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	6.2	21,200	1610	.81	.94	1.00	5.9	20,100	1750	.83	.97	1.00	5.5	18,800	1890	.86	1.0	1.00	5.2	17,900	2020	.89	1.00	1.00
	400	850	6.4	21,900	1620	.87	1.00	1.00	6.1	20,900	1770	.90	1.00	1.00	5.8	19,900	1920	.93	1.00	1.00	5.5	18,800	2050	.96	1.00	1.00
	470	1000	6.7	22,800	1640	.93	1.00	1.00	6.4	21,700	1790	.95	1.00	1.00	6.1	20,700	1940	.99	1.00	1.00	5.7	19,500	2080	1.00	1.00	1.00
67°F (19.4°C)	330	700	6.6	22,600	1640	.63	.75	.87	6.3	21,400	1790	.64	.77	.90	5.9	20,200	1930	.66	.79	.93	5.5	18,900	2050	.68	.82	.96
	400	850	6.8	23,200	1650	.66	.81	.94	6.4	22,000	1800	.68	.83	.97	6.1	20,700	1940	.70	.86	1.00	5.7	19,400	2070	.72	.89	1.00
	470	1000	6.9	23,700	1660	.70	.86	1.00	6.6	22,400	1810	.72	.89	1.00	6.2	21,100	1950	.74	.92	1.00	5.8	19,800	2090	.77	.96	1.00
71°F (21.7°C)	330	700	7.1	24,300	1670	.46	.58	.69	6.7	23,000	1830	.47	.59	.71	6.4	21,700	1970	.48	.61	.73	5.9	20,300	2100	.49	.62	.76
	400	850	7.3	24,900	1690	.48	.61	.75	6.9	23,500	1840	.49	.63	.77	6.5	22,200	1980	.50	.65	.80	6.1	20,800	2120	.51	.67	.83
	470	1000	7.4	25,300	1700	.50	.65	.80	7.0	23,900	1850	.51	.67	.82	6.6	22,500	1990	.52	.69	.85	6.2	21,000	2130	.53	.71	.89

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

HS19-261 — 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)			Total Cooling 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	5.9	20,000	1640	.66	.80	.88	5.6	19,100	1790	.67	.82	.90	5.3	18,100	1930	.68	.84	.92	5.0	17,100	2060	.69	.87	.94
	375	800	6.7	22,800	1680	.74	.89	1.00	6.4	21,700	1840	.76	.92	1.00	6.1	20,800	1990	.70	.93	1.00	5.6	19,200	2120	.80	.99	1.00
	520	1100	7.1	24,300	1700	.83	.97	1.00	6.8	23,200	1860	.84	1.00	1.00	6.5	22,100	2020	.86	1.00	1.00	6.1	20,800	2160	.89	1.00	1.00
67°F (19.4°C)	235	500	6.2	21,200	1650	.53	.66	.76	5.9	20,300	1810	.53	.68	.77	5.6	19,200	1960	.54	.69	.79	5.3	18,200	2090	.55	.70	.80
	375	800	7.1	24,100	1700	.58	.72	.87	6.7	23,000	1860	.59	.75	.89	6.4	21,800	2010	.60	.77	.91	6.0	20,400	2150	.61	.80	.94
	520	1100	7.5	25,700	1720	.63	.78	.98	7.2	24,400	1880	.64	.81	1.00	6.7	23,000	2040	.65	.84	1.00	6.3	21,500	2180	.67	.88	1.00
71°F (21.7°C)	235	500	6.5	22,200	1670	.41	.53	.65	6.2	21,300	1830	.41	.54	.66	5.9	20,300	1980	.41	.54	.67	5.6	19,100	2120	.41	.56	.68
	375	800	7.4	25,400	1720	.43	.57	.72	7.1	24,200	1880	.43	.59	.74	6.7	22,900	2030	.43	.60	.75	6.3	21,500	2180	.44	.62	.77
	520	1100	7.9	26,900	1740	.45	.61	.80	7.5	25,500	1900	.45	.63	.82	7.1	24,100	2060	.46	.65	.84	6.7	22,700	2210	.46	.67	.87

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

HS19-261 — CB19-21 — CBH19-21

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	6.0	20,600	1620	.69	.80	.90	5.7	19,500	1760	.71	.82	.92	5.4	18,400	1910	.73	.84	.95	5.1	17,300	2040	.75	.87	.98
	295	625	6.4	21,900	1650	.74	.86	.96	6.1	20,800	1790	.76	.88	.99	5.8	19,700	1940	.78	.91	1.00	5.4	18,400	2080	.81	.94	1.00
	355	750	6.7	23,000	1670	.78	.91	1.00	6.4	21,800	1820	.81	.94	1.00	6.0	20,600	1970	.83	.97	1.00	5.7	19,400	2100	.87	1.00	1.00
67°F (19.4°C)	235	500	6.4	22,000	1650	.56	.64	.73	6.1	20,900	1800	.57	.66	.75	5.8	19,800	1940	.57	.67	.77	5.4	18,600	2080	.59	.69	.80
	295	625	6.9	23,400	1680	.58	.68	.79	6.5	22,200	1830	.59	.70	.81	6.2	21,000	1980	.60	.72	.84	5.8	19,700	2110	.62	.74	.87
	355	750	7.2	24,500	1700	.61	.72	.84	6.8	23,200	1850	.62	.74	.87	6.4	21,800	2000	.63	.76	.90	6.0	20,400	2140	.65	.80	.93
71°F (21.7°C)	235	500	6.9	23,400	1680	.43	.52	.60	6.5	22,300	1830	.44	.52	.61	6.2	21,100	1980	.44	.53	.62	5.8	19,800	2120	.45	.54	.64
	295	625	7.3	24,800	1710	.44	.54	.63	6.9	23,600	1860	.45	.55	.64	6.5	22,300	2010	.45	.56	.66	6.1	20,900	2150	.46	.57	.68
	355	750	7.6	25,900	1730	.46	.56	.67	7.2	24,500	1880	.46	.57	.68	6.8	23,100	2030	.47	.59	.70	6.4	21,700	2180	.48	.60	.73

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

HS19-261 — C22-21FC/B24 — C26-21(FC) — CR22-21/B24

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)	210	450	5.9	20,200	1620	.66	.79	.89	5.6	19,200	1760	.67	.81	.91	5.3	18,200	1900	.68	.83	.93	5.0	17,100	2020	.70	.85	.96
	330	700	6.8	23,100	1660	.73	.89	1.00	6.4	21,900	1810	.75	.91	1.00	6.1	20,700	1960	.77	.94	1.00	5.7	19,400	2090	.79	.96	1.00
	450	950	7.3	25,000	1690	.81	.96	1.00	6.9	23,700	1840	.83	.99	1.00	6.5	22,200	1990	.85	1.00	1.00	6.2	21,000	2130	.88	1.00	1.00
67°F (19.4°C)	210	450	6.2	21,300	1640	.53	.66	.77	5.9	20,300	1780	.53	.67	.78	5.6	19,200	1920	.54	.68	.80	5.3	18,100	2050	.55	.70	.81
	330	700	7.2	24,500	1680	.57	.72	.86	6.8	23,300	1840	.58	.74	.88	6.4	21,900	1980	.59	.76	.90	6.0	20,500	2120	.60	.78	.93
	450	950	7.7	26,300	1710	.62	.79	.96	7.3	24,900	1860	.63	.81	.99	6.8	23,300	2010	.64	.83	1.00	6.4	21,800	2150	.66	.86	1.00
71°F (21.7°C)	210	450	6.5	22,300	1650	.40	.53	.65	6.2	21,300	1800	.41	.54	.66	5.9	20,200	1950	.41	.55	.67	5.6	19,100	2080	.41	.56	.68
	330	700	7.6	25,800	1700	.42	.58	.72	7.2	24,400	1860	.42	.59	.73	6.8	23,100	2010	.43	.60	.75	6.4	21,700	2150	.43	.61	.77
	450	950	8.1	27,600	1730	.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.

HS19-261 — 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					
63°F (17.2°C)	235	500	5.9	20,100	1640	.66	.80	.89	5.6	19,200	1790	.67	.82	.90	5.3	18,200	1940	.68	.84	.92	5.0	17,100	2070	.69	.87	.95
	375	800	6.7	22,800	1680	.74	.89	1.00	6.4	21,700	1840	.76	.93	1.00	6.1	20,900	2000	.77	.93	1.00	5.7	19,300	2130	.80	.99	1.00
	520	1100	7.1	24,300	1710	.83	.98	1.00	6.8	23,300	1870	.85	1.00	1.00	6.5	22,200	2020	.86	1.00	1.00	6.2	21,000	2170	.89	1.00	1.00
67°F (19.4°C)	235	500	6.2	21,200	1660	.53	.66	.76	5.9	20,300	1810	.53	.68	.78	5.7	19,300	1960	.54	.69	.79	5.3	18,200	2100	.55	.71	.81
	375	800	7.1	24,200	1700	.58	.73	.87	6.7	23,000	1860	.59	.75	.89	6.4	21,800	2020	.60	.78	.91	6.0	20,500	2160	.61	.80	.94
	520	1100	7.5	25,700	1730	.63	.78	.98	7.2	24,400	1890	.64	.81	1.00	6.7	23,000	2040	.66	.85	1.00	6.3	21,600	2190	.67	.89	1.00
71°F (21.7°C)	235	500	6.6	22,400	1680	.41	.53	.65	6.3	21,400	1830	.41	.54	.66	5.9	20,300	1980	.41	.55	.67	5.6	19,200	2130	.42	.56	.68
	375	800	7.4	25,300	1720	.43	.58	.73	7.1	24,200	1880	.43	.59	.74	6.7	22,900	2040	.44	.61	.76	6.3	21,500	2180	.44	.62	.78
	520	1100	7.9	26,900	1740	.45	.61	.81	7.5	25,600	1910	.45	.63	.83	7.1	24,200	2060	.46	.65	.85	6.6	22,600	2210	.47	.68	.87

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

HS19-261 — CH22-21/B24

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	6.3	21,600	1650	.70	.85	.96	6.0	20,400	1790	.72	.87	.98	5.7	19,300	1930	.73	.90	1.00	5.3	18,100	2060	.75	.93	1.00
	375	800	6.8	23,200	1670	.76	.92	1.00	6.4	22,000	1820	.78	.95	1.00	6.1	20,700	1970	.80	.97	1.00	5.7	19,400	2100	.82	.99	1.00
	470	1000	7.2	24,400	1690	.82	.98	1.00	6.8	23,200	1840	.84	.99	1.00	6.4	21,900	1990	.86	1.00	1.00	6.0	20,600	2130	.88	1.00	1.00
67°F (19.4°C)	285	600	6.7	22,800	1670	.56	.70	.82	6.4	21,700	1820	.57	.71	.83	6.0	20,500	1960	.57	.73	.85	5.7	19,300	2090	.58	.75	.88
	375	800	7.2	24,700	1690	.59	.75	.89	6.8	23,300	1850	.60	.77	.91	6.4	22,000	1990	.61	.79	.94	6.0	20,600	2130	.63	.81	.97
	470	1000	7.6	25,800	1710	.63	.80	.96	7.2	24,400	1860	.64	.82	.99	6.7	22,900	2010	.65	.84	1.00	6.3	21,400	2150	.67	.87	1.00
71°F (21.7°C)	285	600	7.0	24,000	1680	.42	.56	.69	6.7	22,800	1840	.43	.57	.70	6.3	21,500	1980	.43	.58	.72	5.9	20,200	2120	.43	.59	.73
	375	800	7.6	25,900	1710	.44	.59	.74	7.2	24,500	1870	.44	.60	.76	6.8	23,100	2020	.44	.62	.78	6.3	21,600	2160	.45	.63	.80
	470	1000	7.9	27,100	1720	.45	.62	.80	7.5	25,600	1880	.45	.64	.82	7.1	24,100	2040	.46	.65	.84	6.6	22,500	2180	.47	.67	.86

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

HS19-261 — CH24-31/B24

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	6.3	21,500	1640	.67	.82	.91	5.9	20,200	1780	.69	.84	.94	5.6	19,100	1910	.70	.86	.96	5.2	17,900	2040	.72	.88	.99
	375	800	6.8	23,100	1660	.73	.87	1.00	6.4	21,900	1810	.74	.89	1.00	6.0	20,600	1950	.76	.91	1.00	5.7	19,300	2080	.78	.94	1.00
	470	1000	7.2	24,500	1680	.78	.92	1.00	6.8	23,100	1830	.80	.94	1.00	6.3	21,600	1970	.82	.97	1.00	5.9	20,200	2100	.85	.99	1.00
67°F (19.4°C)	285	600	6.7	23,000	1660	.53	.68	.78	6.4	21,800	1810	.54	.69	.79	6.0	20,500	1940	.55	.70	.81	5.6	19,100	2070	.56	.72	.84
	375	800	7.2	24,700	1680	.56	.72	.85	6.8	23,200	1830	.57	.73	.87	6.4	21,800	1970	.59	.75	.90	5.9	20,300	2100	.60	.76	.93
	470	1000	7.6	25,900	1700	.60	.75	.92	7.1	24,300	1850	.61	.77	.95	6.7	22,700	1990	.62	.79	.98	6.2	21,200	2130	.64	.81	1.00
71°F (21.7°C)	285	600	7.2	24,500	1680	.40	.55	.65	6.8	23,100	1830	.41	.56	.67	6.4	21,700	1970	.41	.57	.68	6.0	20,400	2110	.41	.58	.70
	375	800	7.7	26,200	1700	.41	.57	.71	7.2	24,700	1850	.42	.58	.72	6.8	23,100	2000	.42	.59	.74	6.3	21,600	2140	.43	.60	.76
	470	1000	8.0	27,400	1720	.43	.59	.76	7.5	25,700	1870	.43	.60	.78	7.0	24,000	2020	.44	.62	.80	6.6	22,400	2160	.45	.63	.82

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

HS19-261 — CH24-41/B24

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	6.4	21,900	1640	.67	.82	.92	6.1	20,700	1780	.69	.84	.94	5.7	19,500	1910	.70	.85	.97	5.4	18,300	2040	.72	.88	.99
	375	800	6.9	23,700	1660	.73	.87	1.00	6.6	22,500	1810	.74	.89	1.00	6.2	21,200	1950	.76	.91	1.00	5.8	19,800	2080	.78	.94	1.00
	470	1000	7.4	25,100	1680	.78	.92	1.00	6.9	23,700	1830	.80	.94	1.00	6.5	22,200	1970	.82	.97	1.00	6.1	20,800	2110	.85	.99	1.00
67°F (19.4°C)	285	600	6.9	23,500	1660	.53	.68	.78	6.5	22,200	1810	.54	.69	.80	6.1	20,900	1950	.55	.71	.82	5.7	19,600	2070	.56	.72	.84
	375	800	7.4	25,300	1680	.56	.72	.85	7.0	23,800	1830	.57	.73	.87	6.5	22,300	1980	.59	.75	.90	6.1	20,800	2110	.60	.77	.93
	470	1000	7.8	26,500	1700	.60	.75	.92	7.3	24,900	1850	.61	.77	.95	6.8	23,300	2000	.62	.79	.98	6.4	21,800	2130	.64	.81	1.00
71°F (21.7°C)	285	600	7.4	25,100	1680	.40	.55	.65	7.0	23,800	1830	.40	.56	.67	6.6	22,400	1980	.41	.57	.68	6.1	20,900	2110	.41	.58	.70
	375	800	7.9	27,000	1700	.41	.57	.70	7.4	25,300	1860	.42	.58	.72	7.0	23,800	2000	.42	.60	.74	6.5	22,100	2140	.43	.60	.76
	470	1000	8.2	28,000	1720	.43	.59	.76	7.7	26,400	1870	.43	.60	.78	7.2	24,700	2020	.44	.62	.80	6.7	23,000	2160	.45	.63	.82

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.

HS19-261 — C23-26(FC) — C23-26W(FC) — C24-26FC/B24 — C24-26WFC/B24

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)								
						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	6.4	21,800	1680	.69	.84	.94	6.0	20,600	1830	.70	.86	.96	5.7	19,500	1970	.72	.88	.99	5.4	18,300	2090	.74	.91	1.00
	375	800	6.9	23,600	1710	.75	.90	1.00	6.5	22,300	1860	.76	.93	1.00	6.2	21,000	2000	.78	.95	1.00	5.8	19,700	2140	.80	.98	1.00
	470	1000	7.3	24,900	1720	.80	.96	1.00	6.9	23,500	1880	.82	.98	1.00	6.4	21,900	2030	.85	1.00	1.00	6.1	20,700	2160	.87	1.00	1.00
67°F (19.4°C)	285	600	6.8	23,100	1700	.55	.69	.80	6.4	21,900	1850	.56	.70	.82	6.1	20,700	2000	.56	.72	.84	5.7	19,400	2130	.57	.74	.86
	375	800	7.3	25,000	1730	.58	.73	.87	6.9	23,600	1880	.59	.75	.90	6.5	22,200	2030	.60	.77	.92	6.1	20,800	2160	.62	.79	.95
	470	1000	7.7	26,200	1740	.61	.78	.95	7.2	24,700	1900	.63	.80	.97	6.8	23,100	2050	.64	.82	1.00	6.3	21,500	2180	.66	.87	1.00
71°F (21.7°C)	285	600	7.1	24,300	1720	.42	.55	.68	6.8	23,100	1870	.42	.56	.69	6.4	21,800	2020	.42	.57	.70	6.0	20,400	2150	.43	.58	.72
	375	800	7.7	26,200	1740	.43	.58	.73	7.3	24,800	1900	.43	.59	.75	6.9	23,400	2050	.44	.61	.76	6.4	21,800	2190	.44	.62	.78
	470	1000	8.1	27,500	1760	.44	.61	.78	7.6	25,900	1920	.45	.62	.80	7.2	24,400	2070	.45	.64	.82	6.7	22,700	2210	.46	.66	.85

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

HS19-261 — CR18-31

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)								
						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)	330	700	6.8	23,100	1650	.79	.92	1.00	6.4	21,800	1800	.81	.94	1.00	6.0	20,600	1940	.84	.98	1.00	5.6	19,200	2060	.87	1.00	1.00
	400	850	7.0	24,000	1670	.85	.99	1.00	6.7	22,700	1820	.88	1.00	1.00	6.3	21,500	1970	.91	1.00	1.00	5.9	20,300	2100	.94	1.00	1.00
	470	1000	7.3	24,900	1690	.90	1.00	1.00	6.9	23,700	1840	.94	1.00	1.00	6.6	22,400	1990	.97	1.00	1.00	6.2	21,200	2130	1.00	1.00	1.00
67°F (19.4°C)	330	700	7.3	24,800	1690	.62	.73	.85	6.9	23,400	1840	.63	.75	.87	6.4	22,000	1980	.64	.78	.91	6.0	20,500	2110	.66	.80	.94
	400	850	7.5	25,500	1700	.65	.79	.92	7.1	24,100	1850	.67	.81	.95	6.6	22,600	2000	.69	.84	.98	6.2	21,100	2130	.71	.87	1.00
	470	1000	7.6	26,100	1710	.69	.84	.98	7.2	24,600	1860	.71	.87	1.00	6.8	23,100	2010	.73	.90	1.00	6.3	21,500	2140	.76	.94	1.00
71°F (21.7°C)	330	700	7.8	26,700	1720	.46	.57	.68	7.4	25,200	1880	.46	.58	.70	6.9	23,700	2030	.47	.60	.72	6.5	22,100	2160	.48	.61	.74
	400	850	8.0	27,400	1740	.48	.60	.73	7.6	25,800	1890	.48	.62	.75	7.1	24,200	2040	.49	.64	.78	6.6	22,600	2180	.50	.66	.81
	470	1000	8.2	27,900	1750	.49	.64	.78	7.7	26,300	1900	.50	.65	.81	7.2	24,600	2050	.51	.68	.84	6.7	22,900	2190	.53	.70	.87

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

HS19-261 — CH22-31/B24

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)								
						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	6.5	22,100	1640	.67	.82	.92	6.1	20,900	1780	.69	.84	.94	5.8	19,800	1920	.70	.86	.97	5.5	18,600	2050	.72	.88	.99
	375	800	7.1	24,100	1670	.72	.87	1.00	6.7	22,700	1820	.74	.90	1.00	6.3	21,400	1960	.76	.92	1.00	5.9	20,100	2090	.78	.95	1.00
	470	1000	7.5	25,500	1690	.77	.92	1.00	7.0	24,000	1840	.79	.95	1.00	6.6	22,500	1980	.82	.98	1.00	6.2	21,200	2120	.84	1.00	1.00
67°F (19.4°C)	285	600	6.8	23,200	1660	.53	.68	.79	6.5	22,100	1810	.54	.69	.80	6.1	20,800	1950	.55	.70	.82	5.7	19,500	2080	.56	.72	.84
	375	800	7.4	25,400	1690	.56	.71	.85	7.0	24,000	1840	.57	.73	.87	6.6	22,600	1980	.58	.75	.90	6.2	21,000	2120	.60	.77	.93
	470	1000	7.9	26,900	1710	.59	.75	.92	7.4	25,000	1860	.60	.77	.94	6.9	23,600	2010	.62	.79	.98	6.5	22,200	2140	.63	.82	1.00
71°F (21.7°C)	285	600	7.3	24,900	1680	.40	.55	.66	6.9	23,600	1830	.40	.54	.67	6.3	21,500	1990	.41	.55	.68	6.1	20,700	2110	.42	.56	.68
	375	800	7.8	26,700	1710	.41	.57	.71	7.4	25,300	1860	.42	.58	.72	6.9	23,700	2010	.42	.59	.74	6.5	22,100	2150	.43	.60	.76
	470	1000	8.2	28,100	1720	.42	.59	.76	7.8	26,600	1880	.43	.60	.78	7.3	24,900	2030	.43	.62	.80	6.8	23,200	2170	.44	.64	.82

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

HS19-261 — CH22-41/B24

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)								
						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	6.4	21,900	1650	.69	.83	.94	6.1	20,800	1800	.70	.85	.96	5.8	19,700	1940	.71	.87	.98	5.5	18,600	2070	.73	.89	1.00
	375	800	7.0	24,000	1680	.74	.89	1.00	6.7	22,700	1830	.75	.91	1.00	6.3	21,400	1970	.77	.94	1.00	5.9	20,000	2110	.79	.97	1.00
	470	1000	7.4	25,400	1700	.79	.94	1.00	7.0	24,000	1850	.81	.97	1.00	6.6	22,600	2000	.83	.99	1.00	6.2	21,300	2140	.85	1.00	1.00
67°F (19.4°C)	285	600	6.8	23,100	1660	.54	.68	.80	6.4	21,900	1820	.55	.70	.82	6.1	20,700	1960	.56	.71	.84	5.7	19,400	2090	.57	.73	.86
	375	800	7.4	25,300	1700	.57	.72	.86	7.0	23,900	1850	.58	.74	.89	6.6	22,400	2000	.59	.76	.91	6.1	20,900	2130	.61	.79	.94
	470	1000	7.8	26,700	1720	.60	.76	.93	7.4	25,100	1870	.62	.78	.96	6.9	23,600	2020	.63	.81	.99	6.4	22,000	2160	.65	.84	1.00
71°F (21.7°C)	285	600	7.0	24,000	1670	.41	.54	.68	6.7	22,900	1830	.41	.56	.69	6.3	21,600	1980	.42	.57	.70	6.0	20,400	2120	.42	.58	.71
	375	800	7.7	26,400	1710	.42	.57	.72	7.3	25,000	1870	.43	.59	.74	6.9	23,500	2020	.43	.60	.76	6.4	22,000	2160	.44	.62	.78
	470	1000	8.2	27,900	1730	.43	.60	.77	7.7	26,400	1890	.44	.62	.79	7.3	24,800	2040	.44	.63	.81	6.7	23,000	2180	.45	.65	.84

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.

HS19-261 — C23-31(FC) — C23-31W(FC) — C24-31FC/B24 — C24-31WFC/B24

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)		
			kW	Btuh		Dry Bulb			kW	Btuh		Dry Bulb			kW	Btuh		Dry Bulb			kW	Btuh		Dry Bulb		
L/s	cfm	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	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)	285	600	6.5	22,100	1660	.69	.83	.93	6.1	20,900	1810	.70	.85	.95	5.8	19,800	1950	.71	.87	.98	5.4	18,500	2080	.73	.90	1.00
	375	800	7.0	23,900	1680	.74	.89	1.00	6.6	22,600	1840	.76	.92	1.00	6.2	21,300	1980	.77	.94	1.00	5.8	19,900	2120	.80	.97	1.00
	470	1000	7.4	25,200	1700	.79	.95	1.00	7.0	23,800	1860	.81	.97	1.00	6.5	22,200	2000	.84	1.00	1.00	6.1	20,900	2140	.86	1.00	1.00
67°F (19.4°C)	285	600	6.9	23,400	1670	.54	.68	.80	6.5	22,200	1830	.55	.70	.81	6.1	20,900	1970	.56	.71	.83	5.8	19,700	2110	.57	.73	.85
	375	800	7.4	25,300	1700	.58	.72	.87	7.0	23,900	1860	.59	.74	.89	6.6	22,500	2010	.60	.76	.91	6.2	21,000	2140	.61	.79	.94
	470	1000	7.8	26,500	1720	.61	.77	.94	7.3	25,000	1880	.62	.79	.96	6.9	23,400	2030	.64	.81	1.00	6.4	21,800	2160	.65	.86	1.00
71°F (21.7°C)	285	600	7.2	24,500	1690	.41	.55	.67	6.8	23,300	1850	.41	.56	.68	6.4	22,000	2000	.42	.56	.70	6.1	20,700	2130	.42	.58	.71
	375	800	7.8	26,500	1720	.42	.57	.72	7.4	25,100	1880	.43	.59	.74	6.9	23,600	2030	.43	.60	.76	6.4	22,000	2170	.44	.62	.78
	470	1000	8.1	27,700	1740	.44	.60	.78	7.7	26,200	1900	.44	.62	.79	7.2	24,500	2050	.45	.63	.82	6.7	23,000	2190	.45	.65	.84

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

HS19-261 — CB19-26 — CBH19-26

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)		
			kW	Btuh		Dry Bulb			kW	Btuh		Dry Bulb			kW	Btuh		Dry Bulb			kW	Btuh		Dry Bulb		
L/s	cfm	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	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)	330	700	6.6	22,600	1690	.76	.89	.99	6.3	21,500	1850	.78	.91	1.00	5.9	20,200	1990	.81	.95	1.00	5.5	18,900	2140	.84	.98	1.00
	380	800	6.8	23,300	1710	.79	.93	1.00	6.5	22,200	1860	.82	.96	1.00	6.1	20,900	2010	.85	.99	1.00	5.8	19,700	2160	.88	1.00	1.00
	425	900	7.0	24,000	1720	.84	.97	1.00	6.7	22,800	1880	.86	.99	1.00	6.3	21,500	2030	.89	1.00	1.00	6.0	20,400	2180	.93	1.00	1.00
67°F (19.4°C)	330	700	7.1	24,100	1720	.60	.70	.81	6.7	22,800	1880	.61	.72	.84	6.3	21,500	2030	.62	.74	.87	5.9	20,100	2170	.64	.77	.91
	380	800	7.3	24,800	1740	.62	.73	.86	6.9	23,500	1890	.63	.75	.89	6.5	22,100	2050	.65	.78	.92	6.1	20,700	2190	.66	.81	.96
	425	900	7.4	25,300	1750	.64	.76	.90	7.0	23,900	1910	.65	.79	.93	6.6	22,500	2060	.67	.82	.96	6.2	21,100	2200	.69	.85	1.00
71°F (21.7°C)	330	700	7.5	25,500	1760	.45	.55	.65	7.1	24,200	1910	.46	.56	.67	6.7	22,800	2060	.46	.58	.69	6.3	21,400	2210	.47	.59	.71
	380	800	7.7	26,200	1770	.46	.57	.68	7.3	24,800	1930	.47	.58	.70	6.9	23,400	2080	.48	.60	.72	6.4	21,900	2230	.48	.62	.75
	425	900	7.9	26,800	1780	.47	.59	.71	7.4	25,400	1940	.48	.61	.73	7.0	23,900	2090	.49	.62	.75	6.5	22,300	2240	.50	.64	.78

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

HS19-261 — C22-26FC/B24 — C22-26WFC/B24 — C26-26(FC) — C26-26W(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)		
			kW	Btuh		Dry Bulb			kW	Btuh		Dry Bulb			kW	Btuh		Dry Bulb			kW	Btuh		Dry Bulb		
L/s	cfm	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	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)	285	600	6.6	22,600	1710	.70	.85	.96	6.3	21,500	1850	.72	.87	.98	5.9	20,200	1990	.73	.89	1.00	5.5	18,900	2120	.75	.93	1.00
	375	800	7.2	24,500	1730	.76	.92	1.00	6.8	23,200	1890	.77	.94	1.00	6.4	21,800	2030	.79	.97	1.00	6.0	20,500	2160	.82	1.00	1.00
	470	1000	7.6	25,900	1750	.81	.98	1.00	7.1	24,300	1910	.83	1.00	1.00	6.7	23,000	2060	.85	1.00	1.00	6.4	21,700	2190	.88	1.00	1.00
67°F (19.4°C)	285	600	7.0	23,900	1720	.56	.69	.82	6.7	22,700	1880	.57	.71	.83	6.3	21,400	2020	.57	.73	.85	5.9	20,100	2150	.58	.75	.88
	375	800	7.6	25,900	1750	.59	.74	.89	7.2	24,500	1910	.60	.76	.91	6.7	23,000	2050	.61	.79	.94	6.3	21,400	2190	.63	.81	.97
	470	1000	8.0	27,200	1770	.62	.79	.96	7.5	25,700	1920	.64	.82	.99	7.0	23,900	2070	.65	.84	1.00	6.5	22,300	2210	.67	.89	1.00
71°F (21.7°C)	285	600	7.4	25,100	1740	.42	.55	.69	7.0	23,800	1900	.43	.56	.70	6.6	22,500	2040	.43	.58	.72	6.2	21,000	2180	.43	.59	.73
	375	800	8.0	27,200	1770	.44	.59	.74	7.5	25,700	1930	.44	.60	.76	7.1	24,100	2080	.44	.61	.78	6.6	22,500	2210	.45	.63	.80
	470	1000	8.4	28,500	1780	.45	.62	.79	7.9	26,900	1940	.45	.64	.81	7.4	25,100	2100	.46	.65	.84	6.9	23,400	2230	.47	.67	.87

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

HS19-261 — 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)			Total Cooling 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)		
			kW	Btuh		Dry Bulb			kW	Btuh		Dry Bulb			kW	Btuh		Dry Bulb			kW	Btuh		Dry Bulb		
L/s	cfm	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	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)	330	700	6.9	23,500	1660	.79	.91	1.00	6.5	22,200	1810	.81	.94	1.00	6.1	20,800	1950	.84	.97	1.00	5.7	19,500	2070	.87	1.00	1.00
	400	850	7.1	24,400	1680	.85	.98	1.00	6.8	23,100	1830	.87	1.00	1.00	6.4	21,900	1980	.90	1.00	1.00	6.0	20,600	2110	.94	1.00	1.00
	470	1000	7.4	25,300	1700	.90	1.00	1.00	7.1	24,100	1850	.93	1.00	1.00	6.7	22,800	2000	.97	1.00	1.00	6.3	21,500	2140	1.00	1.00	1.00
67°F (19.4°C)	330	700	7.4	25,300	1690	.61	.73	.84	7.0	23,800	1850	.63	.75	.87	6.5	22,300	1990	.64	.77	.90	6.1	20,900	2120	.66	.80	.94
	400	850	7.6	26,000	1710	.65	.78	.91	7.2	24,500	1860	.67	.81	.95	6.7	23,000	2010	.69	.84	.98	6.3	21,400	2140	.71	.87	1.00
	470	1000	7.8	26,600	1720	.69	.84	.98	7.3	25,000	1870	.71	.87	1.00	6.9	23,500	2020	.73	.90	1.00	6.4	21,900	2150	.76	.94	1.00
71°F (21.7°C)	330	700	8.0	27,200	1730	.46	.57	.67	7.5	25,700	1890	.46	.58	.69	7.1	24,100	2040	.47	.59	.72	6.6	22,500	2170	.48	.61	.74
	400	850	8.2	27,900																						

RATINGS

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

HS19-261 — C23-41(FC) — C23-41W(FC) — C24-41FC/B24 — C24-41WFC/B24

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	6.7	22,700	1660	.69	.83	.94	6.3	21,600	1810	.70	.85	.96	5.9	20,300	1950	.72	.88	.98	5.6	19,100	2080	.73	.90	1.00
	375	800	7.2	24,600	1690	.74	.90	1.00	6.8	23,300	1840	.76	.93	1.00	6.4	21,900	1990	.78	.95	1.00	6.0	20,600	2120	.80	.98	1.00
	470	1000	7.6	26,000	1710	.80	.95	1.00	7.2	24,600	1860	.82	.98	1.00	6.7	22,900	2010	.84	1.00	1.00	6.3	21,600	2150	.87	1.00	1.00
67°F (19.4°C)	285	600	7.1	24,100	1680	.55	.68	.80	6.7	22,900	1830	.55	.70	.82	6.3	21,600	1980	.56	.71	.84	5.9	20,300	2110	.57	.73	.86
	375	800	7.6	26,000	1710	.58	.73	.87	7.2	24,600	1860	.59	.75	.89	6.8	23,200	2010	.60	.77	.92	6.4	21,700	2150	.61	.79	.95
	470	1000	8.0	27,300	1720	.61	.77	.94	7.6	25,800	1880	.62	.79	.97	7.1	24,100	2030	.64	.82	1.00	6.6	22,500	2170	.66	.87	1.00
71°F (21.7°C)	285	600	7.4	25,200	1700	.41	.55	.68	7.0	24,000	1850	.42	.56	.69	6.7	22,700	2000	.42	.57	.70	6.2	21,300	2140	.42	.58	.72
	375	800	8.0	27,200	1720	.43	.58	.73	7.6	25,800	1880	.43	.59	.74	7.1	24,300	2030	.44	.60	.76	6.7	22,700	2170	.44	.62	.78
	470	1000	8.4	28,600	1740	.44	.61	.78	7.9	27,000	1900	.44	.62	.80	7.4	25,300	2050	.45	.63	.82	6.9	23,600	2190	.46	.65	.85

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

HS19-261 — CR18-41

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)	330	700	6.9	23,700	1660	.79	.91	1.00	6.6	22,400	1810	.81	.94	1.00	6.2	21,100	1950	.84	.97	1.00	5.8	19,700	2080	.87	1.00	1.00
	400	850	7.2	24,700	1680	.85	.99	1.00	6.8	23,300	1830	.87	1.00	1.00	6.5	22,100	1980	.91	1.00	1.00	6.1	20,800	2120	.94	1.00	1.00
	470	1000	7.5	25,700	1700	.90	1.00	1.00	7.1	24,400	1860	.94	1.00	1.00	6.8	23,100	2010	.97	1.00	1.00	6.4	21,700	2150	1.00	1.00	1.00
67°F (19.4°C)	330	700	7.5	25,500	1700	.61	.73	.84	7.1	24,100	1850	.63	.75	.87	6.6	22,600	2000	.64	.77	.90	6.2	21,100	2130	.66	.80	.94
	400	850	7.7	26,300	1720	.65	.78	.92	7.3	24,800	1870	.67	.81	.95	6.8	23,200	2010	.69	.84	.98	6.3	21,600	2140	.71	.87	1.00
	470	1000	7.9	26,900	1730	.69	.84	.98	7.4	25,300	1880	.71	.87	1.00	6.9	23,700	2030	.73	.90	1.00	6.5	22,100	2160	.76	.94	1.00
71°F (21.7°C)	330	700	8.1	27,500	1740	.46	.57	.67	7.6	25,900	1900	.46	.58	.69	7.1	24,300	2040	.47	.59	.72	6.7	22,700	2180	.48	.61	.74
	400	850	8.3	28,300	1750	.47	.60	.73	7.8	26,600	1910	.48	.62	.75	7.3	24,900	2060	.49	.64	.78	6.8	23,200	2190	.50	.66	.81
	470	1000	8.4	28,800	1760	.49	.64	.78	7.9	27,100	1920	.50	.65	.81	7.4	25,300	2070	.51	.68	.84	6.9	23,600	2200	.53	.70	.87

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

HS19-261 — C22-31FC/B24 — C22-31WFC/B24 — C26-31(FC) — C26-31W(FC) — CR22-31/B24 — CR22-31W/B24

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	6.7	23,000	1680	.70	.84	.95	6.4	21,700	1830	.72	.86	.98	6.0	20,400	1970	.73	.89	1.00	5.6	19,100	2110	.75	.92	1.00
	375	800	7.3	24,800	1700	.76	.92	1.00	6.9	23,400	1860	.77	.94	1.00	6.4	21,900	2000	.80	.97	1.00	6.0	20,400	2140	.82	1.00	1.00
	470	1000	7.6	26,000	1720	.81	.98	1.00	7.2	24,600	1880	.83	1.00	1.00	6.8	23,200	2030	.86	1.00	1.00	6.4	21,800	2170	.88	1.00	1.00
67°F (19.4°C)	285	600	7.2	24,500	1700	.56	.69	.81	6.8	23,200	1850	.56	.70	.83	6.4	21,900	2000	.57	.72	.85	6.0	20,400	2140	.58	.74	.87
	375	800	7.7	26,300	1730	.59	.74	.89	7.3	24,800	1880	.60	.76	.91	6.8	23,300	2030	.61	.78	.94	6.4	21,700	2170	.63	.82	.97
	470	1000	8.1	27,600	1740	.62	.81	.96	7.6	26,000	1900	.64	.83	.99	7.1	24,300	2050	.65	.85	1.00	6.6	22,600	2190	.67	.88	1.00
71°F (21.7°C)	285	600	7.6	25,900	1720	.42	.55	.69	7.2	24,600	1880	.42	.56	.70	6.8	23,200	2030	.43	.57	.71	6.3	21,600	2170	.43	.58	.73
	375	800	8.1	27,800	1750	.43	.58	.74	7.7	26,300	1910	.44	.59	.75	7.2	24,600	2060	.44	.61	.77	6.7	22,900	2200	.45	.63	.80
	470	1000	8.5	28,900	1770	.45	.62	.79	8.0	27,200	1920	.45	.63	.81	7.5	25,500	2080	.46	.67	.84	7.0	23,800	2220	.47	.69	.86

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

HS19-261 — C22-41FC/B24 — C26-41(FC) — CR22-41/B24

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	6.8	23,200	1680	.70	.84	.96	6.4	21,900	1830	.72	.86	.98	6.0	20,600	1970	.73	.89	1.00	5.7	19,300	2110	.75	.92	1.00
	375	800	7.3	25,000	1710	.76	.92	1.00	6.9	23,600	1860	.78	.95	1.00	6.5	22,200	2010	.80	.98	1.00	6.1	20,700	2140	.82	1.00	1.00
	470	1000	7.7	26,300	1720	.82	.99	1.00	7.3	24,800	1880	.84	1.00	1.00	6.9	23,500	2030	.86	1.00	1.00	6.5	22,100	2180	.88	1.00	1.00
67°F (19.4°C)	285	600	7.3	24,800	1700	.56	.69	.82	6.9	23,500	1860	.56	.70	.83	6.5	22,100	2000	.57	.72	.85	6.0	20,600	2140	.59	.74	.88
	375	800	7.8	26,600	1730	.59	.74	.89	7.4	25,100	1890	.60	.76	.91	6.9	23,500	2040	.61	.79	.94	6.4	21,900	2180	.63	.83	.97
	470	1000	8.1	27,800	1750	.62	.81	.96	7.7	26,200	1900	.64	.83	.99	7.2	24,600	2060	.65	.86	1.00	6.7	22,800	2200	.67	.89	1.00
71°F (21.7°C)	285	600	7.6	26,100	1720	.42	.55	.69	7.3	24,800	1880	.42	.56	.70	6.9	23,400	2030	.43	.57	.71	6.4	21,900	2170	.43	.58	.73
	375	800	8.2	28,000	1750	.44	.58	.74	7.8	26,500	1910	.44	.60	.76	7.3	24,900	2060	.44	.61	.77	6.8	23,200	2200	.45	.63	.80
	470	1000	8.5	29,100	1770	.45	.62	.80	8.1	27,500	1930	.45	.64	.82	7.6	25,800	2080	.46</								

RATINGS

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

HS19-311 — C23-26(FC) — C23-26W(FC) — C24-26FC/B24 — C24-26WFC/B24

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	7.4	25,200	2070	.64	.77	.87	7.1	24,100	2210	.65	.79	.89	6.7	22,800	2390	.66	.80	.91	6.2	21,300	2600	.68	.83	.94
	375	800	8.1	27,700	2120	.69	.82	.95	7.7	26,400	2270	.70	.84	.97	7.3	24,800	2450	.72	.86	1.00	6.8	23,200	2670	.74	.89	1.00
	470	1000	8.6	29,400	2160	.73	.86	1.00	8.2	27,900	2310	.75	.89	1.00	7.7	26,200	2490	.77	.91	1.00	7.2	24,400	2720	.80	.95	1.00
67°F (19.4°C)	285	600	7.8	26,700	2100	.51	.64	.75	7.4	25,400	2250	.51	.65	.76	7.1	24,100	2430	.52	.67	.78	6.6	22,600	2650	.53	.68	.80
	375	800	8.6	29,200	2160	.54	.68	.81	8.1	27,800	2310	.54	.69	.82	7.7	26,300	2500	.55	.70	.85	7.2	24,500	2730	.57	.72	.87
	470	1000	9.1	31,000	2190	.56	.71	.87	8.6	29,500	2350	.57	.72	.89	8.1	27,800	2550	.59	.74	.92	7.6	25,800	2780	.60	.77	.95
71°F (21.7°C)	285	600	8.2	27,900	2130	.38	.52	.63	7.8	26,600	2280	.39	.53	.64	7.4	25,200	2470	.39	.54	.65	6.9	23,700	2690	.39	.55	.67
	375	800	9.0	30,600	2180	.39	.55	.67	8.6	29,200	2340	.40	.55	.69	8.1	27,600	2540	.40	.56	.70	7.6	25,800	2780	.41	.57	.72
	470	1000	9.5	32,500	2230	.41	.56	.72	9.1	30,900	2410	.41	.57	.73	8.5	29,100	2610	.41	.59	.75	7.9	27,100	2830	.42	.60	.78

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

HS19-311 — CH24-31/B24

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	7.4	25,300	2060	.63	.77	.86	7.1	24,100	2200	.64	.78	.88	6.7	22,800	2370	.66	.80	.90	6.2	21,300	2580	.67	.82	.93
	375	800	8.1	27,800	2110	.68	.81	.94	7.7	26,300	2250	.69	.83	.97	7.3	24,800	2430	.71	.85	.99	6.8	23,100	2650	.73	.87	1.00
	470	1000	8.6	29,500	2140	.73	.85	1.00	8.2	27,900	2290	.74	.87	1.00	7.7	26,200	2480	.77	.89	1.00	7.1	24,300	2690	.79	.92	1.00
67°F (19.4°C)	285	600	7.9	26,900	2080	.50	.64	.74	7.5	25,500	2230	.51	.65	.75	7.1	24,200	2410	.51	.66	.77	6.7	22,700	2630	.52	.68	.79
	375	800	8.6	29,400	2140	.53	.67	.80	8.2	27,900	2290	.54	.68	.81	7.7	26,300	2480	.55	.70	.84	7.2	24,500	2700	.56	.71	.86
	470	1000	9.1	31,200	2180	.56	.70	.86	8.7	29,600	2330	.57	.71	.88	8.1	27,800	2520	.58	.73	.91	7.5	25,700	2750	.60	.75	.94
71°F (21.7°C)	285	600	8.3	28,300	2120	.38	.52	.62	7.9	27,000	2270	.38	.53	.63	7.4	25,400	2460	.38	.53	.64	7.0	23,800	2680	.39	.54	.66
	375	800	9.1	30,900	2170	.39	.54	.66	8.6	29,500	2330	.39	.55	.68	8.1	27,700	2520	.40	.56	.69	7.6	25,800	2760	.40	.57	.71
	470	1000	9.6	32,800	2210	.40	.57	.71	9.1	31,100	2380	.40	.57	.72	8.6	29,200	2590	.41	.58	.74	8.0	27,200	2810	.42	.60	.77

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

HS19-311 — C22-26FC/B24 — C22-26WFC/B24 — C26-26(FC) — C26-26W(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	7.7	26,200	2080	.65	.78	.88	7.3	25,000	2230	.66	.79	.90	6.9	23,600	2410	.67	.81	.93	6.5	22,200	2620	.69	.83	.95
	375	800	8.5	28,900	2140	.70	.83	.96	8.0	27,400	2290	.71	.85	.99	7.6	25,800	2470	.73	.87	1.00	7.1	24,100	2700	.75	.90	1.00
	470	1000	9.0	30,600	2180	.74	.88	1.00	8.5	29,100	2330	.76	.90	1.00	8.0	27,300	2520	.78	.93	1.00	7.5	25,500	2750	.81	.96	1.00
67°F (19.4°C)	285	600	8.1	27,600	2110	.51	.65	.76	7.7	26,400	2260	.52	.66	.77	7.3	25,000	2450	.53	.67	.79	6.9	23,500	2670	.54	.69	.81
	375	800	8.9	30,400	2170	.54	.68	.82	8.5	28,900	2330	.55	.70	.83	8.0	27,300	2520	.56	.71	.86	7.5	25,500	2750	.57	.73	.88
	470	1000	9.5	32,300	2210	.57	.72	.88	9.0	30,700	2380	.58	.74	.90	8.4	28,800	2590	.59	.76	.93	7.9	26,900	2810	.61	.78	.96
71°F (21.7°C)	285	600	8.5	28,900	2140	.39	.53	.64	8.1	27,600	2300	.39	.54	.65	7.7	26,200	2480	.39	.54	.66	7.2	24,600	2710	.40	.55	.67
	375	800	9.3	31,900	2200	.40	.55	.68	8.9	30,300	2360	.40	.56	.70	8.4	28,600	2580	.41	.57	.71	7.9	26,800	2800	.41	.58	.73
	470	1000	9.9	33,800	2280	.41	.57	.73	9.4	32,100	2460	.42	.58	.74	8.9	30,200	2650	.42	.60	.76	8.3	28,200	2860	.43	.61	.79

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

HS19-311 — 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	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)	330	700	7.8	26,600	2140	.68	.81	.91	7.2	24,700	2310	.69	.84	.94	6.7	22,800	2500	.71	.87	.98	6.1	20,700	2750	.74	.91	1.00
	470	1000	8.7	29,700	2200	.74	.89	1.00	8.1	27,500	2380	.76	.93	1.00	7.4	25,100	2600	.79	.97	1.00	6.6	22,600	2830	.83	1.00	1.00
	615	1300	9.2	31,400	2270	.80	.96	1.00	8.5	29,100	2420	.83	1.00	1.00	7.8	26,700	2670	.86	1.00	1.00	7.2	24,600	2890	.90	1.00	1.00
67°F (19.4°C)	330	700	8.3	28,200	2180	.54	.67	.78	7.7	26,400	2340	.55	.69	.80	7.1	24,300	2570	.56	.71	.83	6.5	22,200	2810	.58	.74	.86
	470	1000	9.2	31,500	2270	.58	.72	.86	8.6	29,300	2470	.59	.75	.89	7.9	26,900	2680	.61	.78	.92	7.1	24,300	2890	.63	.82	.97
	615	1300	9.8	33,600	2370	.61	.78	.94	9.1	31,000	2550	.63	.81	.98	8.3	28,400	2740	.65	.85	1.00	7.5	25,600	2930	.68	.90	1.00
71°F (21.7°C)	330	700	8.7	29,800	2200	.41	.54	.66	8.1	27,800	2400	.42	.55	.68	7.5	25,700	2630	.42	.56	.70	6.9	23,500	2860	.43	.58	.72
	470	1000	9.7	33,100	2360	.43	.57	.72	9.0	30,800	2540	.43	.59	.74	8.3	28,400	2740	.44	.61	.76	7.6	25,800	2940	.45	.63	.80
	615	1300	10.3	35,300	2450	.44	.61	.78	9.6	32,700	2630	.45	.63	.80	8.8	30,100	2810	.46	.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.

HS19-311 — CR18-31

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)								
						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	8.3	28,400	2140	.76	.86	.96	7.9	26,900	2280	.77	.88	.98	7.4	25,300	2450	.79	.91	1.00	6.9	23,700	2650	.82	.94	1.00
	470	1000	8.6	29,300	2160	.78	.90	.99	8.1	27,700	2310	.80	.92	1.00	7.7	26,200	2480	.83	.95	1.00	7.2	24,500	2680	.85	.97	1.00
	530	1125	8.8	30,000	2180	.81	.93	1.00	8.4	28,500	2330	.83	.95	1.00	7.9	27,000	2500	.86	.98	1.00	7.4	25,100	2720	.89	1.00	1.00
67°F (19.4°C)	415	875	8.9	30,300	2190	.60	.70	.80	8.4	28,800	2340	.61	.72	.82	7.9	27,100	2510	.63	.74	.84	7.4	25,300	2730	.64	.76	.88
	470	1000	9.2	31,300	2210	.62	.73	.83	8.7	29,700	2360	.63	.74	.86	8.2	27,900	2550	.65	.77	.88	7.6	26,000	2770	.67	.79	.92
	530	1125	9.4	32,100	2230	.64	.75	.86	9.0	30,400	2390	.65	.77	.89	8.4	28,500	2590	.67	.80	.92	7.8	26,600	2790	.69	.83	.95
71°F (21.7°C)	415	875	9.4	32,200	2230	.47	.56	.65	8.9	30,600	2400	.47	.57	.67	8.4	28,800	2600	.48	.58	.69	7.9	26,900	2810	.48	.60	.71
	470	1000	9.7	33,200	2270	.48	.58	.68	9.2	31,500	2450	.48	.59	.69	8.7	29,600	2640	.49	.60	.71	8.1	27,600	2850	.50	.62	.74
	530	1125	10.0	34,000	2320	.48	.59	.70	9.4	32,200	2490	.49	.61	.72	8.8	30,200	2680	.50	.62	.74	8.3	28,200	2870	.51	.64	.77

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

HS19-311 — 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)								
						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)	330	700	7.9	26,900	2150	.68	.82	.92	7.3	25,000	2320	.70	.84	.95	6.8	23,100	2510	.72	.87	.98	6.2	21,000	2750	.74	.92	1.00
	470	1000	8.8	30,100	2210	.74	.90	1.00	8.2	27,900	2400	.76	.93	1.00	7.5	25,500	2610	.79	.97	1.00	6.7	23,000	2840	.83	1.00	1.00
	615	1300	9.3	31,900	2290	.81	.97	1.00	8.6	29,400	2480	.83	1.00	1.00	8.0	27,200	2690	.86	1.00	1.00	7.3	25,000	2910	.90	1.00	1.00
67°F (19.4°C)	330	700	8.4	28,600	2180	.54	.67	.79	7.8	26,700	2350	.55	.69	.81	7.2	24,600	2580	.56	.71	.83	6.6	22,400	2820	.58	.74	.87
	470	1000	9.3	31,900	2290	.58	.73	.87	8.7	29,600	2490	.59	.75	.90	8.0	27,200	2690	.61	.78	.93	7.2	24,600	2900	.63	.82	.97
	615	1300	10.0	34,000	2390	.62	.78	.95	9.2	31,400	2570	.63	.82	.98	8.4	28,700	2750	.65	.86	1.00	7.6	25,900	2940	.68	.91	1.00
71°F (21.7°C)	330	700	8.8	30,100	2210	.41	.54	.67	8.2	28,100	2420	.42	.55	.68	7.6	26,000	2640	.42	.56	.70	6.9	23,700	2870	.43	.58	.72
	470	1000	9.8	33,600	2380	.43	.57	.72	9.1	31,200	2560	.43	.59	.74	8.4	28,700	2760	.44	.61	.77	7.6	26,100	2950	.45	.63	.80
	615	1300	10.5	35,800	2480	.44	.61	.78	9.7	33,100	2650	.45	.63	.81	8.9	30,400	2820	.46	.66	.84	8.1	27,500	3000	.47	.69	.88

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

HS19-311 — C23-31(FC) — C23-31W(FC) — C24-31FC/B24 — C24-31WFC/B24

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)								
						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)	375	800	8.2	28,000	2130	.67	.81	.92	7.8	26,600	2280	.68	.83	.94	7.4	25,100	2460	.70	.85	.97	6.9	23,400	2680	.72	.88	1.00
	470	1000	8.7	29,800	2170	.71	.86	.99	8.3	28,200	2320	.73	.88	1.00	7.8	26,500	2500	.75	.90	1.00	7.2	24,600	2730	.77	.94	1.00
	565	1200	9.1	30,900	2190	.76	.90	1.00	8.6	29,300	2350	.77	.92	1.00	8.1	27,500	2540	.80	.95	1.00	7.5	25,700	2780	.82	.98	1.00
67°F (19.4°C)	375	800	8.6	29,500	2160	.53	.67	.79	8.2	28,100	2320	.54	.69	.80	7.8	26,500	2510	.55	.70	.82	7.2	24,700	2740	.56	.72	.84
	470	1000	9.2	31,400	2200	.56	.70	.84	8.7	29,800	2360	.57	.72	.86	8.2	28,000	2560	.58	.73	.88	7.6	26,100	2800	.59	.76	.91
	565	1200	9.6	32,700	2240	.58	.73	.89	9.1	30,900	2420	.59	.75	.92	8.5	29,000	2620	.61	.77	.94	7.9	27,000	2830	.62	.80	.98
71°F (21.7°C)	375	800	9.1	30,900	2190	.40	.55	.66	8.6	29,400	2350	.40	.55	.67	8.1	27,700	2560	.41	.56	.69	7.6	26,000	2790	.41	.57	.70
	470	1000	9.6	32,800	2250	.41	.56	.70	9.1	31,200	2430	.41	.57	.71	8.6	29,400	2630	.42	.58	.73	8.0	27,400	2840	.42	.59	.75
	565	1200	10.0	34,200	2320	.42	.58	.74	9.5	32,300	2500	.43	.59	.76	8.9	30,400	2680	.43	.60	.78	8.3	28,300	2880	.44	.62	.80

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

HS19-311 — CH24-41/B24

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)								
						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)	375	800	8.2	28,000	2120	.67	.81	.92	7.8	26,500	2260	.68	.83	.94	7.3	24,900	2440	.70	.85	.97	6.8	23,200	2660	.72	.88	1.00
	470	1000	8.7	29,700	2150	.71	.85	.99	8.2	28,100	2300	.73	.87	1.00	7.7	26,300	2490	.75	.90	1.00	7.2	24,400	2700	.77	.93	1.00
	565	1200	9.1	31,000	2180	.76	.89	1.00	8.6	29,200	2330	.77	.92	1.00	8.0	27,300	2510	.80	.94	1.00	7.4	25,300	2750	.83	.98	1.00
67°F (19.4°C)	375	800	8.7	29,700	2150	.53	.68	.78	8.3	28,200	2310	.54	.69	.80	7.8	26,500	2490	.55	.70	.82	7.2	24,700	2710	.56	.72	.84
	470	1000	9.2	31,500	2190	.55	.70	.84	8.7	29,800	2340	.56	.72	.86	8.2	28,000	2540	.58	.73	.88	7.6	25,900	2770	.59	.75	.91
	565	1200	9.6	32,800	2220	.58	.73	.89	9.1	31,000	2390	.59	.75	.91	8.5	29,000	2590	.61	.76	.94	7.9	26,800	2800	.62	.79	.98
71°F (21.7°C)	375	800	9.1	31,200	2190	.40	.55	.66	8.7	29,700	2340	.40	.56	.67	8.2	27,900	2540	.41	.56	.68	7.6	26,100	2770	.41	.57	.70
	470	1000	9.7	33,100	2230	.41	.57	.70	9.2	31,400	2410	.41	.57	.71	8.6	29,500	2610	.42	.59	.73	8.0	27,300	2820	.42	.60	.75
	565	1200	10.1	34,400	2300	.42	.58	.74	9.5	32,500	2470	.42	.59	.75	8.9	30,500	2660	.43	.60	.77	8.3	28,300	2860	.44	.62	.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.

HS19-311 — CB19-26 — CBH19-26

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					
63°F (17.2°C)	330	700	8.1	27,500	2070	.73	.82	.91	7.6	26,100	2210	.74	.84	.93	7.2	24,600	2380	.76	.86	.96	6.7	23,000	2590	.78	.89	.99
	400	850	8.5	29,000	2100	.76	.87	.96	8.1	27,500	2250	.78	.89	.99	7.6	25,900	2420	.80	.92	1.00	7.1	24,200	2640	.83	.95	1.00
	470	1000	8.8	30,200	2130	.80	.91	1.00	8.4	28,600	2280	.82	.93	1.00	7.9	26,900	2460	.84	.96	1.00	7.4	25,100	2680	.87	.99	1.00
67°F (19.4°C)	330	700	8.6	29,400	2110	.58	.67	.76	8.2	27,900	2260	.59	.69	.78	7.7	26,400	2440	.60	.70	.80	7.2	24,600	2650	.62	.72	.83
	400	850	9.1	30,900	2140	.61	.71	.81	8.6	29,300	2300	.62	.72	.83	8.1	27,600	2480	.63	.74	.85	7.5	25,700	2700	.65	.77	.88
	470	1000	9.4	32,100	2170	.63	.74	.85	8.9	30,400	2330	.64	.76	.87	8.4	28,600	2530	.66	.78	.90	7.7	26,500	2740	.67	.81	.93
71°F (21.7°C)	330	700	9.1	31,200	2150	.45	.54	.63	8.7	29,600	2300	.46	.55	.64	8.2	28,000	2500	.46	.56	.65	7.7	26,200	2720	.47	.57	.67
	400	850	9.6	32,800	2180	.46	.56	.66	9.1	31,100	2360	.47	.57	.67	8.6	29,300	2560	.47	.58	.69	8.0	27,300	2780	.48	.60	.71
	470	1000	9.9	33,900	2240	.47	.58	.69	9.4	32,100	2420	.48	.59	.70	8.8	30,200	2610	.49	.61	.73	8.3	28,200	2810	.50	.63	.75

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

HS19-311 — CR22-31/B24 — CR22-31W/B24

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)	260	550	7.6	25,900	2090	.63	.76	.85	7.2	24,600	2240	.64	.77	.87	6.8	23,200	2420	.65	.79	.89	6.4	21,700	2640	.67	.81	.92
	400	850	8.7	29,700	2170	.70	.84	.97	8.2	28,100	2330	.72	.86	1.00	7.7	26,400	2520	.74	.89	1.00	7.2	24,600	2750	.76	.92	1.00
	540	1150	9.3	31,900	2220	.77	.92	1.00	8.8	30,100	2400	.79	.95	1.00	8.3	28,200	2600	.82	.97	1.00	7.6	26,100	2820	.85	1.00	1.00
67°F (19.4°C)	260	550	8.1	27,500	2130	.50	.63	.73	7.7	26,200	2280	.51	.64	.74	7.3	24,800	2470	.52	.65	.76	6.8	23,200	2690	.53	.67	.78
	400	850	9.3	31,600	2210	.55	.69	.82	8.8	29,900	2390	.55	.70	.84	8.2	28,100	2600	.57	.72	.86	7.7	26,200	2810	.58	.74	.89
	540	1150	9.9	33,800	2320	.59	.74	.91	9.3	31,800	2490	.60	.76	.94	8.7	29,800	2680	.62	.79	.97	8.1	27,700	2880	.63	.83	1.00
71°F (21.7°C)	260	550	8.6	29,200	2160	.39	.52	.62	9.1	27,800	2320	.39	.52	.63	8.7	26,300	2510	.39	.53	.64	7.2	24,700	2760	.39	.54	.65
	400	850	9.8	33,400	2300	.40	.55	.68	9.2	31,500	2480	.41	.56	.70	8.7	29,700	2670	.41	.57	.71	8.1	27,700	2880	.41	.58	.73
	540	1150	10.4	35,500	2420	.42	.59	.75	9.8	33,500	2580	.42	.60	.77	9.2	31,500	2750	.43	.61	.79	8.6	29,200	2940	.44	.63	.82

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

HS19-311 — C23-41(FC) — C23-41W(FC) — C24-41FC/B24 — C24-41WFC/B24

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)	375	800	8.3	28,400	2140	.68	.82	.92	7.9	27,000	2290	.69	.83	.95	7.4	25,400	2470	.70	.86	.97	6.9	23,700	2690	.72	.88	1.00
	470	1000	8.8	30,100	2170	.72	.86	.99	8.4	28,600	2330	.73	.88	1.00	7.9	26,800	2510	.75	.91	1.00	7.3	25,000	2750	.78	.94	1.00
	565	1200	9.2	31,400	2200	.76	.91	1.00	8.7	29,600	2360	.78	.93	1.00	8.2	27,900	2560	.80	.96	1.00	7.6	26,000	2790	.83	.99	1.00
67°F (19.4°C)	375	800	8.8	29,900	2170	.53	.68	.79	8.3	28,400	2330	.54	.69	.81	7.9	26,800	2520	.55	.70	.82	7.3	25,000	2750	.56	.72	.85
	470	1000	9.3	31,800	2210	.56	.71	.84	8.9	30,200	2380	.57	.72	.86	8.3	28,400	2580	.58	.74	.89	7.7	26,400	2810	.59	.76	.92
	565	1200	9.7	33,100	2260	.59	.74	.90	9.2	31,300	2440	.60	.75	.92	8.6	29,400	2630	.61	.78	.95	8.0	27,300	2840	.63	.80	.99
71°F (21.7°C)	375	800	9.2	31,300	2200	.40	.55	.67	8.7	29,800	2360	.41	.55	.68	8.2	28,100	2570	.41	.56	.69	7.7	26,300	2800	.41	.57	.71
	470	1000	9.8	33,300	2270	.41	.56	.70	9.3	31,600	2450	.42	.57	.72	8.7	29,700	2650	.42	.58	.74	8.1	27,700	2860	.43	.60	.76
	565	1200	10.1	34,600	2340	.42	.58	.74	9.6	32,700	2520	.43	.60	.76	9.0	30,700	2700	.43	.61	.78	8.4	28,600	2890	.44	.63	.81

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

HS19-311 — CR18-41

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)	415	875	8.7	29,800	2160	.76	.86	.96	8.3	28,200	2310	.77	.88	.98	7.8	26,500	2480	.79	.91	1.00	7.3	24,800	2680	.82	.94	1.00
	470	1000	9.0	30,700	2180	.78	.90	.99	8.5	29,100	2330	.80	.92	1.00	8.0	27,400	2510	.83	.95	1.00	7.5	25,500	2720	.86	.98	1.00
	530	1125	9.3	31,600	2200	.81	.93	1.00	8.8	29,900	2350	.83	.95	1.00	8.2	28,100	2530	.86	.98	1.00	7.7	26,300	2750	.89	1.00	1.00
67°F (19.4°C)	415	875	9.3	31,800	2210	.60	.70	.80	8.8	30,200	2360	.61	.72	.82	8.3	28,400	2550	.63	.74	.85	7.8	26,500	2770	.64	.76	.88
	470	1000	9.6	32,900	2230	.62	.73	.83	9.1	31,100	2400	.63	.75	.86	8.6	29,200	2590	.65	.77	.89	8.0	27,200	2800	.67	.79	.92
	530	1125	9.9	33,700	2260	.64	.75	.87	9.3	31,800	2440	.65	.77	.90	8.7	29,800	2630	.67	.80	.92	8.1	27,700	2830	.69	.83	.96
71°F (21.7°C)	415	875	9.9	33,800	2270	.47	.56	.65	9.4	32,000	2450	.47	.57	.67	8.8	30,100	2640	.48	.58	.69	8.2	28,100	2850	.48	.60	.71
	470	1000	10.2	34,800	2330	.47	.58	.68	9.6	32,900	2500	.48	.59	.69	9.1	30,900	2690	.49	.60	.71	8.4	28,800	2880	.50	.62	.74
	530	1125	10.4	35,600	2370	.48	.59	.70	9.9	33,700	2540	.49	.61	.72	9.3	31,600	2720	.50	.62	.74	8.6	29,400	2900	.51	.64	.77

NOTE — All values are

RATINGS

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

HS19-311 — 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	28,300	2180	.68	.81	.92	7.7	26,300	2340	.70	.84	.95	7.1	24,100	2560	.72	.88	.99	6.3	21,600	2790	.75	.93	1.00
	470	1000	9.2	31,400	2300	.75	.89	1.00	8.4	28,800	2460	.77	.94	1.00	7.7	26,400	2660	.80	.98	1.00	7.0	24,000	2880	.83	1.00	1.00
	615	1300	9.8	33,300	2370	.81	.98	1.00	9.0	30,800	2550	.84	1.00	1.00	8.4	28,500	2750	.87	1.00	1.00	7.6	26,100	2950	.91	1.00	1.00
67°F (19.4°C)	330	700	8.9	30,400	2220	.54	.67	.79	8.3	28,200	2430	.55	.68	.81	7.6	25,900	2640	.57	.71	.83	6.9	23,500	2860	.58	.74	.87
	470	1000	9.8	33,600	2380	.58	.73	.87	9.1	31,000	2560	.59	.76	.90	8.3	28,400	2740	.61	.79	.93	7.5	25,600	2940	.63	.83	.98
	615	1300	10.4	35,600	2470	.62	.79	.95	9.6	32,700	2630	.64	.83	.99	9.0	30,700	2830	.65	.82	1.00	7.8	26,700	2970	.69	.93	1.00
71°F (21.7°C)	330	700	9.5	32,300	2320	.42	.53	.66	8.8	30,000	2510	.42	.55	.68	8.1	27,700	2710	.42	.56	.70	7.4	25,200	2920	.43	.58	.72
	470	1000	10.4	35,600	2470	.43	.57	.72	9.7	33,000	2640	.44	.59	.74	8.9	30,200	2820	.44	.61	.77	8.0	27,400	3000	.45	.64	.80
	615	1300	11.0	37,600	2560	.45	.61	.78	10.2	34,800	2720	.45	.64	.81	9.3	31,700	2870	.46	.66	.84	8.4	28,700	3040	.47	.70	.88

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

HS19-311 — CH22-31/B24

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	8.5	29,000	2120	.67	.82	.92	8.0	27,300	2260	.69	.83	.94	7.5	25,500	2440	.70	.85	.97	6.9	23,700	2650	.72	.87	1.00
	470	1000	9.0	30,600	2150	.71	.86	.99	8.5	28,900	2300	.73	.87	1.00	7.9	27,000	2490	.75	.90	1.00	7.4	25,200	2700	.77	.92	1.00
	565	1200	9.3	31,900	2180	.76	.89	1.00	8.9	30,200	2330	.77	.91	1.00	8.3	28,300	2520	.80	.94	1.00	7.7	26,200	2750	.83	.97	1.00
67°F (19.4°C)	375	800	9.1	31,000	2160	.53	.68	.78	8.6	29,500	2310	.54	.69	.80	8.1	27,500	2490	.55	.70	.82	7.4	25,300	2710	.56	.72	.85
	470	1000	9.6	32,800	2200	.55	.71	.83	9.0	30,800	2350	.56	.72	.86	8.4	28,700	2530	.58	.74	.88	7.7	26,400	2760	.59	.76	.92
	565	1200	9.9	33,900	2220	.58	.73	.89	9.3	31,900	2390	.59	.75	.92	8.7	29,700	2580	.61	.77	.95	8.1	27,500	2800	.62	.79	.99
71°F (21.7°C)	375	800	9.7	33,000	2200	.40	.55	.65	9.2	31,300	2360	.40	.55	.67	8.6	29,300	2560	.41	.56	.68	8.0	27,200	2780	.41	.57	.70
	470	1000	10.2	34,700	2260	.41	.57	.69	9.6	32,700	2430	.41	.57	.71	9.0	30,600	2620	.42	.58	.73	8.3	28,300	2820	.42	.60	.75
	565	1200	10.5	35,900	2320	.42	.59	.73	9.8	33,600	2480	.42	.60	.75	9.2	31,300	2660	.43	.61	.78	8.5	29,000	2860	.44	.62	.80

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

HS19-311 — C22-31FC/B24 — C22-31WFC/B24 — C26-31(FC) — C26-31W(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	8.6	29,200	2170	.69	.83	.94	8.1	27,700	2320	.70	.85	.97	7.6	26,000	2510	.72	.87	.99	7.1	24,200	2730	.74	.91	1.00
	470	1000	9.1	31,000	2210	.73	.88	1.00	8.6	29,200	2360	.75	.91	1.00	8.1	27,500	2570	.77	.93	1.00	7.5	25,500	2790	.79	.97	1.00
	565	1200	9.4	32,100	2250	.78	.93	1.00	8.9	30,400	2430	.80	.96	1.00	8.3	28,400	2620	.82	.99	1.00	7.8	26,500	2830	.85	1.00	1.00
67°F (19.4°C)	375	800	9.1	31,100	2210	.54	.68	.80	8.6	29,500	2380	.55	.69	.82	8.1	27,700	2580	.56	.71	.84	7.6	25,800	2810	.57	.73	.87
	470	1000	9.6	32,800	2280	.57	.72	.86	9.1	31,100	2460	.58	.73	.88	8.5	29,100	2650	.59	.75	.90	7.9	27,100	2850	.61	.78	.94
	565	1200	10.0	34,000	2350	.60	.76	.92	9.4	32,100	2520	.61	.78	.94	8.8	30,000	2700	.62	.80	.97	8.2	27,900	2890	.64	.84	1.00
71°F (21.7°C)	375	800	9.6	32,800	2290	.41	.54	.67	9.1	31,100	2470	.41	.55	.69	8.6	29,200	2660	.42	.56	.70	8.0	27,200	2870	.42	.58	.72
	470	1000	10.1	34,500	2380	.42	.57	.72	9.6	32,700	2550	.42	.58	.73	9.0	30,700	2730	.43	.59	.75	8.4	28,600	2920	.43	.61	.77
	565	1200	10.4	35,600	2450	.43	.59	.76	9.9	33,800	2600	.44	.61	.78	9.3	31,700	2770	.44	.62	.80	8.6	29,400	2950	.45	.64	.82

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

HS19-311 — 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)			Total Cooling 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	30,400	2160	.76	.86	.96	8.4	28,700	2310	.78	.88	.98	7.9	27,100	2480	.80	.91	1.00	7.4	25,200	2680	.82	.95	1.00
	470	1000	9.2	31,400	2180	.79	.90	.99	8.7	29,700	2330	.80	.92	1.00	8.1	27,800	2510	.83	.95	1.00	7.6	26,000	2720	.86	.98	1.00
	530	1125	9.4	32,100	2200	.81	.93	1.00	8.9	30,300	2350	.83	.96	1.00	8.4	28,600	2530	.86	.99	1.00	7.8	26,700	2760	.89	1.00	1.00
67°F (19.4°C)	415	875	9.6	32,600	2210	.60	.70	.80	9.1	30,900	2360	.61	.72	.82	8.5	29,000	2560	.63	.74	.85	7.9	27,100	2770	.64	.76	.88
	470	1000	9.8	33,600	2230	.62	.73	.83	9.3	31,800	2410	.63	.75	.86	8.7	29,800	2600	.65	.77	.89	8.1	27,800	2810	.67	.80	.92
	530	1125	10.1	34,400	2270	.64	.75	.87	9.5	32,500	2450	.65	.78	.89	8.9	30,500	2630	.67	.80	.92	8.3	28,300	2830	.69	.83	.96
71°F (21.7°C)	415	875	10.2	34,700	2290	.47	.56	.65	9.6	32,800	2470	.47	.57	.67	9.1	30,900	2660	.48	.58	.69	8.5	28,900	2860	.48	.60	.71
	470	1000	10.5	35,700	2340	.47	.58	.68	9.9	33,800	2520	.48	.59	.69	9.3	31,700	2700	.49	.60	.71	8.7	29,600	2890	.50	.62	.74
	530	1125	10.7	36,500	2390																					

RATINGS

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

HS19-311 — CH22-41/B24

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	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	kW	Btuh	Watts Input	75°F 24°C	80°F 27°C	85°F 29°C	
63°F (17.2°C)	375	800	8.6	29,400	2120	.68	.81	.92	8.1	27,800	2260	.69	.83	.95	7.7	26,300	2440	.70	.85	.97	7.2	24,600	2660	.72	.88	1.00
	470	1000	9.1	31,200	2160	.72	.86	.99	8.7	29,800	2310	.73	.87	1.00	8.2	28,000	2490	.75	.90	1.00	7.6	26,100	2720	.77	.93	1.00
	565	1200	9.6	32,900	2190	.76	.89	1.00	9.1	31,100	2340	.77	.92	1.00	8.6	29,200	2530	.80	.95	1.00	8.0	27,200	2770	.82	.98	1.00
67°F (19.4°C)	375	800	9.2	31,400	2160	.53	.68	.79	8.7	29,600	2310	.54	.69	.80	8.1	27,800	2490	.55	.70	.83	7.6	25,800	2710	.56	.72	.85
	470	1000	9.7	33,200	2200	.56	.71	.84	9.2	31,400	2350	.57	.72	.86	8.6	29,400	2540	.58	.74	.89	8.0	27,300	2770	.59	.76	.92
	565	1200	10.1	34,600	2230	.58	.73	.89	9.6	32,800	2400	.59	.75	.92	8.9	30,500	2590	.61	.77	.95	8.3	28,400	2810	.63	.80	.98
71°F (21.7°C)	375	800	9.9	33,900	2210	4.0	.55	.66	9.3	31,900	2360	4.0	.56	.67	8.7	29,800	2560	4.1	.56	.68	8.1	27,500	2780	4.1	.57	.70
	470	1000	10.4	35,400	2260	4.1	.57	.70	9.7	33,100	2430	4.1	.57	.71	9.1	31,200	2620	4.2	.59	.73	8.4	28,700	2830	4.3	.60	.76
	565	1200	10.7	36,500	2320	4.2	.59	.74	10.1	34,300	2480	4.3	.60	.76	9.4	32,200	2670	4.3	.61	.78	8.8	29,900	2860	4.4	.62	.80

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

HS19-311 — 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)			Total Cooling 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	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	kW	Btuh	Watts Input	75°F 24°C	80°F 27°C	85°F 29°C	
63°F (17.2°C)	415	875	8.9	30,500	2160	.76	.87	.97	8.5	28,900	2310	.78	.89	.99	8.0	27,200	2480	.80	.92	1.00	7.4	25,300	2680	.83	.95	1.00
	470	1000	9.2	31,500	2180	.79	.90	1.00	8.8	29,900	2330	.81	.93	1.00	8.2	28,000	2510	.83	.96	1.00	7.6	26,100	2720	.86	.99	1.00
	530	1125	9.5	32,300	2200	.82	.94	1.00	8.9	30,500	2350	.84	.97	1.00	8.4	28,700	2530	.86	.99	1.00	7.9	26,800	2760	.90	1.00	1.00
67°F (19.4°C)	415	875	9.6	32,800	2210	.61	.71	.81	9.1	31,100	2360	.62	.72	.83	8.6	29,200	2560	.63	.74	.85	8.0	27,200	2770	.65	.77	.89
	470	1000	9.9	33,800	2230	.62	.73	.84	9.3	31,900	2410	.64	.75	.86	8.8	30,000	2600	.65	.78	.89	8.2	27,900	2810	.67	.80	.93
	530	1125	10.1	34,600	2270	.64	.76	.87	9.6	32,600	2450	.66	.78	.90	9.0	30,600	2630	.67	.81	.93	8.4	28,500	2830	.70	.84	.97
71°F (21.7°C)	415	875	10.2	34,900	2290	4.7	.56	.66	9.7	33,000	2470	4.7	.57	.67	9.1	31,100	2660	4.8	.59	.69	8.5	29,000	2860	4.9	.60	.71
	470	1000	10.5	35,800	2340	4.8	.58	.68	9.9	33,900	2520	4.8	.59	.70	9.3	31,900	2700	4.9	.61	.72	8.7	29,700	2890	5.0	.63	.75
	530	1125	10.8	36,700	2390	4.9	.60	.71	10.1	34,600	2550	4.9	.61	.73	9.5	32,500	2730	5.0	.63	.75	8.9	30,300	2910	5.1	.65	.78

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

HS19-311 — CB19-31 — CBH19-31

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	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	kW	Btuh	Watts Input	75°F 24°C	80°F 27°C	85°F 29°C	
63°F (17.2°C)	355	750	8.6	29,300	2080	.73	.83	.93	8.1	27,700	2230	.75	.85	.95	7.6	26,000	2400	.76	.88	.98	7.1	24,400	2610	.79	.91	1.00
	450	950	9.1	31,100	2120	.78	.89	.99	8.6	29,500	2270	.80	.92	1.00	8.1	27,700	2450	.82	.95	1.00	7.6	25,900	2670	.86	.98	1.00
	545	1150	9.5	32,500	2150	.83	.95	1.00	9.0	30,800	2310	.85	.97	1.00	8.5	29,000	2510	.88	1.00	1.00	8.0	27,200	2730	.92	1.00	1.00
67°F (19.4°C)	355	750	9.1	31,200	2120	.58	.68	.77	8.7	29,600	2270	.59	.69	.79	8.2	27,900	2450	.60	.71	.81	7.6	26,000	2680	.62	.73	.84
	450	950	9.7	33,100	2160	.61	.72	.83	9.2	31,300	2330	.63	.74	.86	8.6	29,400	2530	.64	.76	.88	8.0	27,300	2740	.66	.79	.92
	545	1150	10.1	34,400	2220	.64	.77	.89	9.5	32,400	2390	.66	.79	.92	8.9	30,400	2580	.68	.82	.95	8.2	28,100	2770	.70	.85	.98
71°F (21.7°C)	355	750	9.7	33,000	2160	4.5	.54	.63	9.2	31,300	2340	4.5	.55	.64	8.6	29,500	2540	4.6	.56	.66	8.1	27,600	2750	4.6	.57	.68
	450	950	10.2	34,900	2250	4.6	.57	.67	9.7	33,000	2430	4.7	.58	.69	9.1	31,100	2610	4.8	.59	.71	8.5	29,000	2800	4.8	.61	.73
	545	1150	10.6	36,200	2320	4.8	.60	.71	10.0	34,200	2480	4.9	.61	.73	9.4	32,100	2660	5.0	.63	.76	8.8	29,900	2840	5.1	.65	.79

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

HS19-311 — C22-41FC/B24 — C26-41(FC) — CR22-41/B24

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	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	kW	Btuh	Watts Input	75°F 24°C	80°F 27°C	85°F 29°C	
63°F (17.2°C)	375	800	8.9	30,300	2170	.69	.83	.95	8.4	28,800	2320	.70	.85	.97	7.9	27,000	2510	.72	.87	1.00	7.4	25,200	2730	.74	.90	1.00
	470	1000	9.4	32,100	2210	.74	.89	1.00	8.9	30,400	2370	.75	.91	1.00	8.4	28,500	2570	.77	.94	1.00	7.8	26,500	2800	.80	.97	1.00
	565	1200	9.8	33,400	2260	.78	.94	1.00	9.2	31,500	2430	.80	.97	1.00	8.7	29,600	2630	.82	.99	1.00	8.1	27,600	2840	.85	1.00	1.00
67°F (19.4°C)	375	800	9.5	32,300	2210	.55	.68	.81	9.0	30,600	2390	.55	.69	.82	8.4	28,700	2590	.56	.71	.84	7.9	26,800	2810	.58	.73	.87
	470	1000	10.0	34,000	2290	.57	.72	.86	9.5	32,300	2470	.58	.74	.88	8.9	30,200	2660	.59	.76	.91	8.2	28,100	2860	.61	.78	.94
	565	1200	10.3	35,300	2360	.60	.76	.92	9.8	33,300	2530	.61	.78	.95	9.1	31,200	2700	.63	.81	.98	8.5	29,000	2900	.64	.85	1.00
71°F (21.7°C)	375	800	10.0	34,000	2300	4.1	.55	.68	9.4	32,200	2480	4.1	.55	.69	8.9	30,300	2670	4.2	.56	.70	8.3	28,300	2870	4.2	.58	.72
	470	1000	10.5	35,800	2390	4.2	.57	.72	10.0	34,000	2560	4.3	.58	.73	9.3	31,900	2730	4.3	.59	.75	8.7	29,700	2920	4.4	.61	.77
	565	1200	10.9	37,100	2460	4.3	.60	.76	10.3																	

RATINGS

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

HS19-411-413 — CH24-31/B24

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	8.4	28,700	2420	.62	.75	.85	8.0	27,400	2580	.63	.77	.86	7.6	26,100	2720	.64	.78	.88	7.3	24,800	2850	.65	.79	.90
	375	800	9.2	31,500	2500	.67	.79	.92	8.8	30,000	2650	.68	.81	.95	8.4	28,500	2800	.69	.83	.97	7.9	26,900	2930	.71	.85	1.00
	470	1000	9.8	33,500	2540	.71	.83	1.00	9.3	31,800	2700	.73	.85	1.00	8.8	30,100	2860	.75	.87	1.00	8.3	28,400	2990	.77	.90	1.00
67°F (19.4°C)	285	600	8.9	30,200	2460	.49	.63	.72	8.5	28,900	2620	.50	.64	.74	8.1	27,600	2770	.50	.65	.75	7.6	26,100	2900	.51	.66	.77
	375	800	9.7	33,100	2540	.52	.66	.78	9.3	31,600	2700	.53	.67	.80	8.8	30,100	2850	.54	.68	.82	8.4	28,500	2990	.54	.69	.84
	470	1000	10.3	35,200	2590	.55	.69	.84	9.8	33,600	2750	.56	.70	.86	9.3	31,900	2910	.57	.71	.88	8.8	30,100	3060	.58	.73	.91
71°F (21.7°C)	285	600	9.3	31,600	2500	.37	.52	.61	8.9	30,300	2660	.37	.52	.62	8.4	28,800	2810	.38	.53	.63	8.0	27,400	2950	.38	.53	.64
	375	800	10.1	34,600	2570	.38	.53	.65	9.7	33,100	2740	.38	.54	.67	9.3	31,600	2900	.39	.55	.68	8.8	29,900	3050	.39	.56	.69
	470	1000	10.8	36,900	2630	.39	.55	.70	10.3	35,200	2800	.40	.56	.71	9.8	33,500	2960	.40	.57	.73	9.3	31,700	3110	.41	.58	.74

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

HS19-411-413 — C23-31(FC) — C23-31W(FC) — C24-31FC/B24 — C24-31WFC/B24

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	9.4	32,100	2510	.66	.79	.90	9.0	30,600	2670	.67	.81	.92	8.5	29,100	2810	.68	.83	.94	8.1	27,500	2950	.70	.85	.96
	470	1000	10.0	34,100	2560	.70	.83	.97	9.5	32,400	2720	.71	.85	.99	9.0	30,800	2870	.73	.87	1.00	8.5	29,100	3010	.74	.90	1.00
	565	1200	10.4	35,600	2590	.74	.87	1.00	9.9	33,800	2760	.75	.90	1.00	9.4	32,000	2910	.77	.92	1.00	8.9	30,200	3060	.79	.95	1.00
67°F (19.4°C)	375	800	9.9	33,700	2550	.52	.66	.77	9.4	32,200	2710	.53	.67	.78	9.0	30,600	2870	.53	.68	.80	8.5	29,000	3010	.54	.69	.82
	470	1000	10.5	35,900	2600	.54	.69	.82	10.1	34,300	2770	.55	.70	.84	9.6	32,600	2930	.56	.71	.86	9.0	30,800	3070	.57	.73	.88
	565	1200	11.0	37,500	2640	.57	.71	.87	10.5	35,700	2810	.58	.73	.89	9.9	33,800	2970	.59	.75	.92	9.3	31,900	3120	.60	.77	.94
71°F (21.7°C)	375	800	10.3	35,300	2590	.39	.53	.65	9.9	33,800	2750	.39	.54	.66	9.4	32,200	2920	.40	.55	.67	8.9	30,500	3070	.40	.55	.68
	470	1000	11.0	37,600	2640	.40	.55	.68	10.5	35,900	2810	.40	.56	.70	10.0	34,100	2980	.41	.57	.71	9.5	32,300	3130	.41	.58	.73
	565	1200	11.5	39,200	2680	.41	.57	.72	10.9	37,300	2850	.41	.58	.74	10.4	35,500	3020	.42	.59	.75	9.8	33,500	3170	.42	.60	.77

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

HS19-411-413 — CR18-31

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)	470	1000	9.7	33,200	2520	.77	.89	1.00	9.2	31,500	2690	.79	.91	1.00	8.7	29,700	2840	.81	.94	1.00	8.2	28,000	2980	.84	.97	1.00
	590	1250	10.1	34,600	2560	.83	.96	1.00	9.6	32,900	2730	.85	.99	1.00	9.1	31,000	2890	.88	1.00	1.00	8.6	29,400	3040	.91	1.00	1.00
	710	1500	10.5	35,800	2580	.89	1.00	1.00	10.0	34,100	2760	.91	1.00	1.00	9.5	32,400	2930	.95	1.00	1.00	9.0	30,700	3080	.98	1.00	1.00
67°F (19.4°C)	470	1000	10.4	35,600	2580	.60	.71	.82	9.9	33,700	2750	.61	.73	.85	9.3	31,800	2910	.63	.75	.87	8.8	29,900	3050	.64	.78	.90
	590	1250	10.8	36,800	2600	.64	.77	.89	10.2	34,800	2780	.65	.79	.92	9.6	32,800	2940	.67	.82	.95	9.0	30,800	3080	.69	.84	.99
	710	1500	11.0	37,700	2620	.68	.82	.96	10.4	35,600	2800	.69	.85	.99	9.8	33,500	2960	.71	.88	1.00	9.2	31,500	3110	.74	.91	1.00
71°F (21.7°C)	470	1000	11.2	38,300	2630	.45	.56	.66	10.6	36,300	2820	.46	.57	.68	10.0	34,200	2980	.46	.58	.69	9.4	32,200	3130	.47	.59	.72
	590	1250	11.6	39,500	2660	.47	.59	.71	10.9	37,300	2840	.48	.60	.73	10.3	35,200	3010	.48	.62	.76	9.7	33,000	3160	.49	.64	.78
	710	1500	11.8	40,200	2670	.49	.63	.76	11.2	38,100	2860	.49	.64	.79	10.5	35,800	3030	.50	.66	.82	9.8	33,600	3180	.52	.68	.85

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

HS19-411-413 — 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	9.4	32,200	2540	.68	.82	.93	9.0	30,700	2710	.70	.84	.95	8.5	29,100	2870	.71	.87	.98	8.1	27,500	3020	.72	.89	1.00
	565	1200	10.2	34,700	2600	.74	.89	1.00	9.6	32,900	2770	.75	.91	1.00	9.1	31,100	2940	.77	.94	1.00	8.6	29,200	3080	.79	.97	1.00
	710	1500	10.6	36,200	2640	.82	.96	1.00	10.0	34,200	2810	.82	.98	1.00	9.5	32,500	2980	.84	1.00	1.00	9.0	30,700	3130	.86	1.00	1.00
67°F (19.4°C)	425	900	10.0	34,000	2580	.54	.68	.80	9.5	32,400	2760	.55	.69	.81	9.0	30,800	2920	.56	.71	.83	8.5	29,100	3080	.57	.72	.85
	565	1200	10.7	36,500	2640	.58	.72	.87	10.2	34,700	2820	.58	.74	.89	9.6	32,900	2990	.59	.76	.91	9.1	31,000	3150	.61	.79	.94
	710	1500	11.2	38,200	2680	.63	.76	.94	10.6	36,300	2860	.62	.79	.97	10.1	34,300	3040	.63	.82	.99	9.4	32,200	3190	.65	.85	1.00
71°F (21.7°C)	425	900	10.4	35,500	2620	.41	.54	.67	10.0	34,000	2800	.41	.55	.68	9.5	32,300	2970	.41	.56	.70	8.9	30,500	3130	.42	.57	.71
	565	1200	11.3	38,400	2690	.43	.56	.72	10.7	36,400	2870	.43	.58	.74	10.1	34,400	3040	.43	.60	.76	9.5	32,500	3200	.43	.61	.77
	710																									

RATINGS

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

HS19-411-413 — CR22-31/B24 — CR22-31W/B24

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)	260	550	8.8	29,900	2440	.62	.74	.83	8.4	28,600	2600	.62	.75	.85	8.0	27,200	2750	.64	.77	.87	7.5	25,700	2880	.65	.78	.89
	400	850	10.1	34,300	2550	.68	.82	.95	9.6	32,700	2720	.70	.83	.97	9.1	30,900	2880	.71	.85	1.00	8.6	29,200	3020	.73	.88	1.00
	540	1150	10.8	36,900	2610	.75	.89	1.00	10.3	35,000	2780	.77	.91	1.00	9.7	33,100	2940	.79	.94	1.00	9.1	31,100	3090	.82	.97	1.00
67°F (19.4°C)	260	550	9.3	31,800	2490	.49	.62	.71	8.9	30,300	2660	.50	.63	.73	8.4	28,800	2810	.50	.64	.74	8.0	27,300	2950	.51	.65	.76
	400	850	10.7	36,400	2600	.53	.67	.80	10.1	34,600	2780	.54	.68	.82	9.6	32,900	2940	.55	.70	.84	9.1	31,100	3090	.56	.71	.86
	540	1150	11.5	39,100	2670	.57	.72	.89	10.9	37,100	2840	.58	.74	.92	10.3	35,100	3010	.59	.76	.94	9.7	33,100	3160	.61	.78	.97
71°F (21.7°C)	260	550	9.8	33,600	2540	.37	.51	.60	9.4	32,000	2710	.38	.51	.61	8.9	30,500	2870	.38	.52	.62	8.5	29,000	3020	.38	.52	.63
	400	850	11.3	38,400	2650	.39	.54	.67	10.7	36,600	2830	.39	.55	.68	10.2	34,800	3000	.40	.56	.69	9.6	32,900	3150	.40	.57	.71
	540	1150	12.6	43,000	2760	.41	.57	1.00	11.5	39,100	2890	.41	.58	.75	10.8	37,000	3060	.41	.60	.77	10.2	34,900	3220	.42	.61	.79

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

HS19-411-413 — CH22-31/B24

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	9.6	32,900	2530	.67	.80	.91	9.2	31,300	2690	.68	.82	.93	8.7	29,800	2840	.69	.84	.96	8.2	28,100	2980	.71	.86	.98
	470	1000	10.3	35,000	2580	.71	.85	.98	9.8	33,300	2740	.72	.87	1.00	9.3	31,600	2900	.74	.89	1.00	8.7	29,800	3040	.76	.91	1.00
	565	1200	10.7	36,600	2620	.75	.89	1.00	10.2	34,700	2780	.77	.91	1.00	9.6	32,900	2940	.79	.94	1.00	9.1	30,900	3080	.81	.97	1.00
67°F (19.4°C)	375	800	10.1	34,600	2570	.53	.67	.78	9.7	33,000	2740	.53	.68	.80	9.2	31,400	2890	.54	.69	.81	8.7	29,700	3040	.55	.70	.83
	470	1000	10.8	36,900	2630	.55	.70	.83	10.3	35,200	2790	.56	.71	.85	9.8	33,400	2950	.57	.73	.87	9.2	31,500	3100	.58	.75	.89
	565	1200	11.3	38,500	2670	.58	.73	.89	10.8	36,700	2840	.59	.75	.91	10.2	34,700	3000	.60	.76	.93	9.6	32,700	3140	.61	.78	.96
71°F (21.7°C)	375	800	10.6	36,200	2610	.40	.54	.66	10.1	34,600	2780	.40	.54	.67	9.7	33,000	2940	.40	.55	.68	9.1	31,200	3090	.41	.56	.69
	470	1000	11.3	38,600	2670	.41	.56	.70	10.8	36,900	2840	.41	.56	.71	10.3	35,000	3000	.41	.57	.72	9.7	33,100	3150	.42	.59	.74
	565	1200	11.8	40,300	2710	.42	.58	.73	11.3	38,400	2880	.42	.59	.75	10.7	36,400	3050	.42	.60	.77	10.1	34,500	3200	.43	.61	.78

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

HS19-411-413 — C23-41(FC) — C23-41W(FC) — C24-41FC/B24 — C24-41WFC/B24 — CH24-41/B24

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	10.0	34,100	2570	.70	.84	.95	9.5	32,400	2730	.71	.86	.97	9.0	30,700	2880	.72	.88	1.00	8.5	29,100	3020	.74	.90	1.00
	565	1200	10.4	35,600	2600	.73	.88	1.00	9.9	33,800	2770	.75	.90	1.00	9.4	32,000	2920	.76	.93	1.00	8.9	30,300	3070	.78	.95	1.00
	660	1400	10.8	36,700	2630	.77	.92	1.00	10.2	34,900	2800	.79	.94	1.00	9.7	33,000	2950	.81	.97	1.00	9.1	31,200	3100	.83	.99	1.00
67°F (19.4°C)	470	1000	10.5	35,900	2610	.55	.69	.81	10.0	34,200	2780	.56	.70	.83	9.5	32,500	2940	.56	.72	.85	9.0	30,700	3090	.57	.73	.87
	565	1200	11.0	37,500	2650	.57	.72	.86	10.5	35,800	2820	.58	.73	.88	9.9	33,800	2980	.59	.75	.90	9.3	31,900	3130	.60	.77	.93
	660	1400	11.3	38,700	2680	.59	.75	.91	10.8	36,800	2850	.60	.77	.93	10.2	34,800	3010	.61	.79	.96	9.6	32,800	3160	.63	.81	.98
71°F (21.7°C)	470	1000	11.0	37,500	2650	.41	.55	.68	10.5	35,800	2820	.41	.56	.70	10.0	34,000	2990	.42	.57	.71	9.4	32,200	3140	.42	.58	.72
	565	1200	11.5	39,200	2690	.42	.57	.72	10.9	37,300	2860	.42	.58	.73	10.4	35,500	3030	.43	.59	.75	9.8	33,500	3180	.43	.61	.77
	660	1400	11.8	40,400	2720	.43	.59	.75	11.3	38,500	2890	.43	.60	.77	10.7	36,500	3060	.44	.62	.79	10.1	34,400	3210	.44	.63	.81

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

HS19-411-413 — CR18-41

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)	470	1000	10.1	34,600	2550	.77	.88	.99	9.6	32,700	2720	.79	.91	1.00	9.0	30,800	2880	.81	.94	1.00	8.5	29,000	3020	.84	.97	1.00
	590	1250	10.6	36,100	2590	.83	.96	1.00	10.0	34,200	2760	.85	.99	1.00	9.4	32,200	2920	.88	1.00	1.00	8.9	30,500	3080	.91	1.00	1.00
	710	1500	10.9	37,300	2610	.88	1.00	1.00	10.4	35,600	2800	.91	1.00	1.00	9.9	33,800	2970	.95	1.00	1.00	9.3	31,900	3130	.98	1.00	1.00
67°F (19.4°C)	470	1000	10.9	37,100	2610	.60	.71	.82	10.3	35,100	2790	.61	.73	.84	9.7	33,000	2950	.63	.75	.87	9.1	31,000	3090	.64	.77	.90
	590	1250	11.3	38,400	2630	.64	.77	.89	10.6	36,300	2810	.65	.79	.92	10.0	34,100	2980	.67	.81	.95	9.4	32,000	3130	.69	.84	.99
	710	1500	11.5	39,300	2650	.67	.82	.96	10.9	37,100	2840	.69	.85	.99	10.2	34,900	3000	.71	.88	1.00	9.6	32,700	3150	.74	.91	1.00
71°F (21.7°C)	470	1000	11.7	39,900	2670	.45	.55	.66	11.1	37,800	2850	.46	.57	.67	10.4	35,600	3020	.46	.58	.69	9.8	33,400	3170	.47	.59	.71
	590	1250	12.1	41,200	2690	.47	.59	.71	11.4	38,900	2880	.48	.60	.73	10.7	36,600	3050	.48	.62	.75	10.0	34,				

RATINGS

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

HS19-411-413 — C22-31FC/B24 — C22-31WFC/B24 — C26-31(FC) — C26-31W(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)								
						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)	375	800	9.8	33,400	2560	.67	.80	.92	9.3	31,800	2720	.68	.82	.94	9.3	31,900	2920	.70	.84	.96	8.4	28,500	3010	.71	.86	.98
	470	1000	10.4	35,400	2600	.71	.85	.99	9.9	33,700	2770	.73	.87	1.00	9.3	31,900	2920	.74	.90	1.00	8.8	30,000	3060	.76	.92	1.00
	565	1200	10.8	36,900	2640	.75	.90	1.00	10.3	35,000	2810	.77	.93	1.00	9.7	33,000	2960	.79	.95	1.00	9.1	31,100	3110	.81	.98	1.00
67°F (19.4°C)	375	800	10.4	35,500	2610	.53	.66	.78	9.9	33,800	2770	.54	.67	.80	9.4	32,100	2930	.54	.69	.81	8.9	30,300	3080	.55	.70	.83
	470	1000	11.0	37,600	2660	.55	.70	.83	10.5	35,800	2820	.56	.71	.85	9.9	33,900	2990	.57	.73	.87	9.4	32,000	3130	.58	.75	.90
	565	1200	11.5	39,100	2690	.58	.73	.89	10.9	37,100	2860	.59	.75	.91	10.3	35,100	3030	.60	.77	.94	9.7	33,100	3170	.61	.79	.96
71°F (21.7°C)	375	800	11.0	37,500	2650	.40	.53	.66	10.5	35,700	2830	.40	.54	.67	9.9	33,900	2990	.40	.55	.68	9.4	32,100	3140	.41	.56	.69
	470	1000	11.6	39,600	2700	.41	.56	.69	11.0	37,700	2880	.41	.56	.71	10.5	35,800	3040	.41	.57	.72	9.9	33,800	3200	.42	.59	.74
	565	1200	12.0	41,100	2740	.42	.58	.73	11.5	39,100	2920	.42	.59	.75	10.9	37,100	3080	.43	.60	.77	10.3	35,000	3240	.43	.62	.79

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

HS19-411-413 — CR22-41/B24

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)								
						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)	355	750	9.5	32,300	2530	.66	.79	.90	9.0	30,700	2690	.67	.81	.92	8.5	29,100	2850	.69	.83	.94	8.1	27,500	2990	.70	.85	.97
	495	1050	10.3	35,200	2600	.72	.87	1.00	9.8	33,400	2770	.74	.89	1.00	9.3	31,600	2930	.76	.92	1.00	8.7	29,700	3070	.78	.95	1.00
	635	1350	10.8	37,000	2650	.79	.95	1.00	10.3	35,200	2820	.80	.97	1.00	9.7	33,200	2980	.83	.99	1.00	9.2	31,400	3130	.85	1.00	1.00
67°F (19.4°C)	355	750	10.0	34,200	2580	.52	.65	.77	9.6	32,600	2750	.53	.67	.79	9.1	30,900	2910	.54	.68	.80	8.6	29,300	3060	.55	.69	.82
	495	1050	11.0	37,400	2650	.56	.71	.85	10.4	35,500	2830	.57	.72	.87	9.8	33,600	2990	.58	.74	.89	9.3	31,600	3140	.59	.76	.92
	635	1350	11.9	40,600	2720	.60	.77	.94	10.9	37,300	2870	.61	.78	.96	10.3	35,200	3040	.62	.80	.98	9.7	33,100	3190	.64	.83	1.00
71°F (21.7°C)	355	750	10.6	36,100	2620	.40	.53	.65	10.1	34,500	2800	.40	.54	.66	9.6	32,700	2970	.40	.54	.67	9.1	30,900	3120	.40	.55	.68
	495	1050	11.6	39,500	2700	.41	.57	.68	11.0	37,500	2880	.41	.57	.72	10.4	35,400	3050	.42	.58	.74	9.8	33,400	3210	.42	.60	.75
	635	1350	12.9	44,000	2750	.42	.61	.71	11.5	39,300	2930	.43	.61	.78	10.9	37,100	3100	.43	.62	.80	10.2	34,900	3260	.44	.64	.82

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

HS19-411-413 — C23-46(FC) — C24-46FC/B24

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)								
						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	10.1	34,500	2590	.71	.85	.97	9.6	32,900	2750	.72	.87	.99	9.1	31,200	2910	.73	.89	1.00	8.6	29,400	3050	.75	.92	1.00
	565	1200	10.6	36,100	2620	.75	.90	1.00	10.1	34,300	2790	.76	.92	1.00	9.5	32,400	2950	.78	.95	1.00	8.9	30,500	3090	.80	.97	1.00
	660	1400	10.9	37,200	2650	.78	.94	1.00	10.3	35,300	2820	.80	.97	1.00	9.8	33,500	2980	.82	.99	1.00	9.2	31,500	3120	.84	1.00	1.00
67°F (19.4°C)	470	1000	10.6	36,300	2630	.56	.70	.83	10.1	34,600	2800	.57	.71	.84	9.6	32,800	2960	.57	.73	.86	9.1	31,000	3110	.58	.75	.88
	565	1200	11.1	38,000	2670	.58	.73	.88	10.6	36,100	2840	.59	.75	.90	10.0	34,200	3000	.60	.77	.92	9.5	32,300	3150	.61	.79	.94
	660	1400	11.5	39,200	2700	.60	.76	.93	10.9	37,200	2870	.61	.78	.95	10.3	35,300	3030	.63	.80	.97	9.7	33,200	3180	.64	.83	1.00
71°F (21.7°C)	470	1000	11.1	38,000	2670	.42	.56	.70	10.6	36,200	2840	.42	.57	.71	10.1	34,400	3010	.43	.58	.72	9.5	32,500	3160	.43	.59	.74
	565	1200	11.6	39,700	2710	.43	.58	.73	11.1	37,800	2880	.43	.59	.75	10.5	35,800	3050	.44	.60	.76	9.9	33,800	3210	.44	.62	.78
	660	1400	12.0	40,900	2740	.44	.60	.77	11.4	38,900	2920	.44	.61	.78	10.8	36,900	3080	.45	.63	.80	10.2	34,800	3240	.45	.64	.82

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

HS19-411-413 — 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)								
						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)	425	900	9.9	33,800	2580	.69	.83	.94	9.4	32,200	2750	.70	.85	.96	8.9	30,500	2910	.71	.87	.98	8.4	28,800	3060	.73	.90	1.00
	565	1200	10.6	36,200	2630	.75	.90	1.00	10.1	34,500	2810	.77	.92	1.00	9.5	32,400	2970	.78	.96	1.00	8.9	30,500	3120	.80	.98	1.00
	710	1500	11.0	37,700	2670	.80	.96	1.00	10.5	35,800	2850	.82	.99	1.00	10.0	34,000	3020	.84	1.00	1.00	9.4	32,200	3190	.86	1.00	1.00
67°F (19.4°C)	425	900	10.5	35,800	2630	.55	.68	.80	10.0	34,200	2800	.55	.69	.82	9.5	32,500	2970	.56	.71	.84	9.0	30,600	3130	.57	.73	.85
	565	1200	11.3	38,700	2660	.57	.74	.85	10.7	36,500	2860	.59	.75	.90	10.1	34,400	3040	.60	.77	.92	9.5	32,400	3190	.61	.80	.94
	710	1500	11.7	40,000	2720	.59	.80	.87	11.1	37,800	2900	.62	.80	.98	10.5	35,700	3070	.64	.83	1.00	9.8	33,500	3230	.65	.86	1.00
71°F (21.7°C)	425	900	11.0	37,700	2690	.41	.55	.68	10.6	36,100	2860	.41	.55	.69	10.1	34,300	3030	.42	.56	.70	9.5	32,500	3190	.42	.57	.71
	565	1200	11.9	40,600	2730	.43	.58	.69	11.3	38,400	2920	.43	.59	.74	10.6	36,300	3090	.43	.60	.76	10.1	34,300	3250	.43	.62	.78
	710	1500	12.3	42,000	2760	.44	.61	.72	11.6	39,700	2950	.44	.62	.80	11.0	37,500	3130	.44	.64	.82	10.4	35,400	3290	.45	.66	.84

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.

HS19-411-413 — CR18-51

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)	470	1000	10.3	35,000	2570	.76	.87	.98	9.7	33,000	2740	.78	.90	1.00	9.1	31,100	2900	.80	.93	1.00	8.6	29,200	3040	.83	.96	1.00
	565	1200	10.6	36,200	2590	.80	.93	1.00	10.0	34,200	2770	.83	.96	1.00	9.5	32,300	2930	.85	.99	1.00	8.9	30,300	3080	.88	1.00	1.00
	660	1400	10.9	37,300	2610	.85	.98	1.00	10.3	35,200	2790	.87	1.00	1.00	9.8	33,400	2970	.90	1.00	1.00	9.3	31,600	3120	.94	1.00	1.00
67°F (19.4°C)	470	1000	11.0	37,700	2620	.59	.70	.81	10.4	35,600	2800	.61	.72	.83	9.8	33,500	2970	.62	.74	.86	9.2	31,400	3110	.63	.76	.89
	565	1200	11.4	38,800	2650	.62	.74	.86	10.7	36,600	2830	.64	.76	.89	10.1	34,400	3000	.65	.79	.92	9.4	32,200	3140	.67	.82	.96
	660	1400	11.6	39,600	2670	.65	.78	.92	11.0	37,400	2850	.67	.81	.95	10.3	35,100	3020	.68	.84	.98	9.6	32,900	3160	.71	.87	1.00
71°F (21.7°C)	470	1000	11.9	40,600	2680	.45	.55	.65	11.2	38,300	2870	.45	.56	.66	10.6	36,100	3040	.46	.57	.68	9.9	33,800	3200	.47	.59	.70
	565	1200	12.2	41,700	2710	.46	.58	.69	11.5	39,300	2900	.47	.59	.71	10.8	37,000	3070	.48	.60	.73	10.1	34,600	3220	.48	.62	.76
	660	1400	12.5	42,500	2720	.47	.60	.73	11.7	40,100	2910	.48	.62	.75	11.0	37,600	3090	.49	.63	.78	10.3	35,200	3240	.50	.65	.81

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

HS19-411-413 — C23-51(FC) — C24-51FC/B24 — CH24-51/B24

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	10.4	35,500	2610	.70	.84	.96	9.9	33,800	2770	.71	.86	.98	9.4	32,000	2930	.73	.88	1.00	8.9	30,300	3070	.74	.91	1.00
	565	1200	10.9	37,100	2650	.74	.89	1.00	10.3	35,300	2810	.75	.91	1.00	9.8	33,300	2970	.77	.94	1.00	9.2	31,400	3120	.79	.96	1.00
	660	1400	11.2	38,300	2670	.77	.93	1.00	10.7	36,400	2840	.79	.95	1.00	10.1	34,500	3010	.81	.98	1.00	9.5	32,400	3150	.83	1.00	1.00
67°F (19.4°C)	470	1000	10.9	37,300	2650	.55	.69	.82	10.4	35,600	2820	.56	.71	.84	9.9	33,700	2980	.57	.72	.85	9.3	31,900	3130	.58	.74	.87
	565	1200	11.5	39,100	2690	.57	.72	.87	10.9	37,200	2860	.58	.74	.89	10.3	35,200	3030	.59	.76	.91	9.7	33,100	3180	.61	.78	.93
	660	1400	11.8	40,300	2720	.60	.75	.91	11.2	38,300	2900	.61	.77	.94	10.6	36,200	3060	.62	.79	.96	10.0	34,100	3210	.63	.82	.99
71°F (21.7°C)	470	1000	11.4	39,000	2690	.41	.55	.69	10.9	37,200	2870	.42	.56	.70	10.3	35,300	3030	.42	.57	.71	9.8	33,400	3190	.42	.58	.73
	565	1200	12.0	40,800	2730	.42	.57	.72	11.4	38,900	2910	.43	.58	.74	10.8	36,800	3080	.43	.59	.75	10.2	34,800	3230	.44	.61	.77
	660	1400	12.3	42,100	2760	.43	.59	.76	11.8	40,100	2940	.44	.60	.77	11.1	37,900	3110	.44	.62	.79	10.5	35,800	3260	.45	.63	.81

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

HS19-411-413 — CH22-41/B24

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	10.4	35,400	2590	.71	.86	.98	9.8	33,600	2760	.73	.88	1.00	9.3	31,900	2910	.74	.90	1.00	8.8	30,000	3050	.76	.92	1.00
	565	1200	10.8	37,000	2630	.75	.90	1.00	10.3	35,100	2790	.77	.93	1.00	9.7	33,200	2950	.78	.95	1.00	9.1	31,200	3090	.80	.98	1.00
	660	1400	11.2	38,200	2660	.79	.95	1.00	10.6	36,200	2820	.81	.97	1.00	10.1	34,300	2980	.83	.99	1.00	9.5	32,500	3140	.85	1.00	1.00
67°F (19.4°C)	470	1000	10.9	37,300	2640	.56	.70	.83	10.4	35,500	2810	.57	.72	.85	9.9	33,700	2970	.58	.73	.87	9.3	31,800	3110	.59	.75	.89
	565	1200	11.4	39,000	2680	.58	.74	.88	10.9	37,100	2850	.59	.75	.90	10.3	35,100	3010	.60	.77	.92	9.7	33,100	3160	.62	.79	.95
	660	1400	11.8	40,300	2710	.61	.77	.93	11.2	38,300	2880	.62	.79	.95	10.6	36,200	3040	.63	.81	.98	10.0	34,100	3190	.64	.83	1.00
71°F (21.7°C)	470	1000	11.5	39,100	2680	.42	.56	.70	10.9	37,300	2850	.42	.57	.71	10.4	35,400	3020	.43	.58	.73	9.8	33,400	3170	.43	.59	.74
	565	1200	12.0	40,900	2720	.43	.58	.74	11.4	38,900	2890	.43	.59	.75	10.8	36,800	3060	.44	.61	.77	10.2	34,700	3210	.44	.62	.78
	660	1400	12.4	42,200	2750	.44	.61	.77	11.8	40,100	2930	.44	.62	.79	11.1	38,000	3090	.45	.63	.81	10.5	35,800	3240	.45	.65	.83

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

HS19-411-413 — 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	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	9.7	33,000	2540	.71	.84	.96	9.2	31,300	2700	.73	.86	.98	8.7	29,600	2860	.74	.89	1.00	8.1	27,800	3010	.76	.91	1.00
	565	1200	10.3	35,000	2580	.78	.93	1.00	9.7	33,200	2750	.80	.95	1.00	9.2	31,400	2910	.82	.97	1.00	8.7	29,600	3080	.85	1.00	1.00
	710	1500	10.7	36,500	2610	.84	.99	1.00	10.2	34,800	2790	.86	1.00	1.00	9.7	33,100	2970	.89	1.00	1.00	9.2	31,300	3140	.92	1.00	1.00
67°F (19.4°C)	425	900	10.4	35,500	2590	.56	.68	.81	9.9	33,700	2760	.57	.70	.83	9.3	31,800	2930	.58	.72	.85	8.8	29,900	3090	.59	.74	.88
	565	1200	10.9	37,200	2620	.60	.75	.89	10.3	35,300	2800	.61	.77	.92	9.8	33,300	2970	.62	.79	.94	9.1	31,200	3140	.64	.82	.97
	710	1500	11.3	38,400	2650	.64	.82	.97	10.7	36,400	2830	.65	.84	.99	10.1	34,300	3000	.67	.87	1.00	9.4	32,200	3180	.69	.90	1.00
71°F (21.7°C)	425	900	11.2	38,200	2640	.42	.54	.66	10.6	36,300	2820	.43	.55	.67	10.1	34,300	3000	.43	.56	.69	9.4	32,200	3180	.43	.57	.71
	565	1200	11.7	39,900	2680	.44	.58	.72	11.1	37,900	2860	.44	.59	.74	10.5	35,700	3050	.44	.61	.77	9.8	33,600	3220	.45	.62	.79
	710	1500	12.0	41,000	2700</																					

RATINGS

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

HS19-411-413 — C22-41FC/B24 — 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				kW	Btuh				kW	Btuh				kW	Btuh								
63°F (17.2°C)	470	1000	10.5	35,900	2610	.71	.86	.98	10.0	34,200	2770	.73	.88	1.00	9.5	32,400	2930	.74	.90	1.00	8.9	30,500	3070	.76	.93	1.00
	565	1200	11.0	37,400	2640	.75	.91	1.00	10.4	35,500	2810	.77	.93	1.00	9.8	33,500	2970	.79	.96	1.00	9.2	31,500	3110	.81	.98	1.00
	660	1400	11.3	38,500	2670	.79	.96	1.00	10.7	36,500	2840	.81	.98	1.00	10.1	34,600	3000	.83	1.00	1.00	9.6	32,700	3150	.85	1.00	1.00
67°F (19.4°C)	470	1000	11.2	38,100	2660	.56	.70	.83	10.6	36,300	2830	.57	.71	.85	10.1	34,400	2990	.58	.73	.87	9.5	32,400	3140	.59	.75	.89
	565	1200	11.6	39,700	2700	.59	.74	.88	11.0	37,600	2870	.59	.75	.90	10.5	35,700	3030	.60	.77	.92	9.8	33,600	3180	.62	.80	.95
	660	1400	11.9	40,700	2720	.61	.77	.93	11.3	38,700	2900	.62	.79	.96	10.7	36,600	3060	.63	.81	.98	10.1	34,400	3210	.65	.84	1.00
71°F (21.7°C)	470	1000	11.8	40,100	2710	.42	.56	.70	11.2	38,200	2880	.42	.57	.71	10.6	36,200	3050	.43	.58	.72	10.1	34,300	3200	.43	.59	.74
	565	1200	12.3	41,800	2750	.43	.58	.73	11.6	39,700	2920	.43	.59	.75	11.0	37,500	3090	.44	.60	.77	10.4	35,500	3240	.44	.62	.78
	660	1400	12.6	42,900	2770	.44	.60	.77	12.0	40,800	2950	.44	.62	.79	11.3	38,600	3120	.45	.63	.81	10.6	36,300	3270	.45	.65	.83

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

HS19-411-413 — 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								
						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								
63°F (17.2°C)	470	1000	10.5	35,900	2580	.76	.88	.98	9.9	33,900	2750	.78	.90	1.00	9.3	31,900	2910	.80	.93	1.00	8.8	29,900	3060	.83	.97	1.00
	590	1250	11.0	37,500	2620	.82	.95	1.00	10.4	35,500	2790	.85	.98	1.00	9.8	33,400	2960	.87	1.00	1.00	9.3	31,600	3110	.91	1.00	1.00
	710	1500	11.4	38,800	2640	.88	1.00	1.00	10.8	37,000	2830	.91	1.00	1.00	10.3	35,000	3010	.94	1.00	1.00	9.7	33,100	3170	.98	1.00	1.00
67°F (19.4°C)	470	1000	11.3	38,600	2640	.60	.70	.81	10.7	36,500	2820	.61	.72	.83	10.0	34,300	2990	.62	.74	.86	9.4	32,100	3130	.64	.77	.89
	590	1250	11.7	40,000	2670	.63	.76	.89	11.0	37,700	2850	.65	.78	.91	10.4	35,400	3020	.67	.81	.95	9.7	33,200	3170	.69	.84	.99
	710	1500	12.0	41,000	2690	.67	.82	.96	11.3	38,600	2870	.69	.84	.99	10.6	36,300	3040	.71	.88	1.00	9.9	33,900	3190	.74	.91	1.00
71°F (21.7°C)	470	1000	12.0	41,500	2700	.45	.55	.65	11.5	39,200	2890	.46	.56	.67	10.8	36,900	3060	.46	.57	.69	10.1	34,600	3210	.47	.59	.71
	590	1250	12.6	42,900	2730	.47	.59	.71	11.9	40,500	2920	.47	.60	.73	11.1	38,000	3090	.48	.62	.75	10.4	35,600	3240	.49	.64	.78
	710	1500	12.8	43,800	2740	.49	.62	.76	12.1	41,300	2930	.49	.64	.78	11.4	38,800	3110	.50	.66	.81	10.6	36,200	3270	.52	.68	.85

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

HS19-411-413 — C22-46FC/B24 — 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								
						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								
63°F (17.2°C)	470	1000	10.6	36,200	2620	.71	.85	.97	10.1	34,400	2790	.72	.87	.99	9.6	32,600	2950	.74	.90	1.00	9.0	30,800	3090	.75	.92	1.00
	565	1200	11.1	37,900	2660	.75	.90	1.00	10.6	36,000	2830	.76	.92	1.00	10.0	34,000	2990	.78	.95	1.00	9.4	32,100	3140	.80	.98	1.00
	660	1400	11.4	39,000	2690	.79	.95	1.00	10.9	37,100	2870	.80	.97	1.00	10.3	35,300	3030	.82	.99	1.00	9.7	33,100	3180	.84	1.00	1.00
67°F (19.4°C)	470	1000	11.1	38,000	2670	.56	.70	.83	10.6	36,200	2840	.57	.71	.85	10.1	34,300	3000	.58	.73	.87	9.5	32,400	3150	.59	.75	.89
	565	1200	11.7	39,800	2710	.58	.73	.88	11.1	37,800	2880	.59	.75	.90	10.5	35,800	3040	.60	.77	.92	9.9	33,700	3200	.61	.79	.95
	660	1400	12.0	41,000	2740	.61	.77	.93	11.4	38,900	2910	.62	.79	.95	10.8	36,800	3080	.63	.81	.98	10.2	34,700	3230	.64	.84	1.00
71°F (21.7°C)	470	1000	11.6	39,600	2710	.42	.56	.70	11.1	37,800	2880	.42	.57	.71	10.5	35,800	3050	.43	.58	.72	9.9	33,900	3200	.43	.59	.74
	565	1200	12.2	41,500	2750	.43	.58	.73	11.6	39,500	2920	.43	.59	.75	11.0	37,400	3090	.44	.60	.76	10.3	35,300	3250	.44	.62	.78
	660	1400	12.5	42,800	2780	.44	.60	.77	11.9	40,700	2960	.44	.62	.79	11.3	38,500	3120	.45	.63	.81	10.6	36,300	3280	.45	.65	.83

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

HS19-411-413 — C22-51FC/B24 — C26-51(FC) — CR22-51/B24 — CH22-51/B24

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				kW	Btuh				kW	Btuh				kW	Btuh								
63°F (17.2°C)	470	1000	10.7	36,400	2630	.71	.86	.98	10.2	34,700	2790	.73	.88	1.00	9.6	32,800	2950	.74	.90	1.00	9.1	31,000	3100	.76	.93	1.00
	565	1200	11.2	38,100	2670	.75	.90	1.00	10.6	36,200	2840	.77	.93	1.00	10.0	34,200	3000	.78	.96	1.00	9.5	32,300	3150	.80	.98	1.00
	660	1400	11.5	39,300	2700	.79	.95	1.00	11.0	37,400	2870	.81	.98	1.00	10.3	35,300	3030	.83	1.00	1.00	9.8	33,500	3190	.85	1.00	1.00
67°F (19.4°C)	470	1000	11.2	38,200	2670	.56	.70	.83	10.7	36,400	2840	.57	.72	.85	10.1	34,500	3010	.58	.73	.87	9.5	32,500	3160	.59	.75	.89
	565	1200	11.8	40,100	2710	.59	.74	.88	11.2	38,100	2890	.59	.75	.90	10.6	36,000	3050	.60	.77	.92	10.0	34,000	3200	.62	.80	.95
	660	1400	12.1	41,300	2740	.61	.77	.93	11.5	39,200	2920	.62	.79	.95	10.8	37,000	3080	.63	.82	.98	10.2	34,900	3230	.64	.84	1.00
71°F (21.7°C)	470	1000	11.7	39,800	2710	.42	.56	.70	11.1	38,000	2890	.43	.57	.71	10.6	36,000	3050	.43	.58	.73	10.0	34,000	3210	.43	.59	.74
	565	1200	12.2	41,700	2750	.43	.58	.74	11.6	39,700	2930	.43	.59	.75	11.0	37,600	3100	.44	.61	.77	10.4	35,400	3250	.44	.62	.79
	660	1400	12.6	43,000	2790	.44	.61	.77	12.0	40,900	2960	.44	.62	.79	11.3	38,600	3130	.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.

HS19-411-413 — CB19-31 — CBH19-31

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)	400	850	10.1	34,400	2530	.71	.82	.92	9.6	32,600	2690	.73	.84	.94	9.0	30,800	2850	.75	.87	.97	8.5	29,100	2990	.77	.89	.99
	495	1050	10.6	36,100	2570	.76	.88	.98	10.1	34,400	2740	.78	.90	1.00	9.5	32,500	2900	.80	.93	1.00	9.0	30,700	3050	.83	.96	1.00
	590	1250	11.0	37,600	2600	.80	.93	1.00	10.4	35,800	2770	.83	.96	1.00	9.9	33,900	2940	.85	.98	1.00	9.4	32,100	3090	.88	1.00	1.00
67°F (19.4°C)	400	850	10.7	36,500	2580	.57	.66	.76	10.2	34,700	2750	.58	.68	.77	9.6	32,900	2910	.59	.69	.80	9.1	31,000	3060	.60	.71	.82
	495	1050	11.3	38,400	2620	.60	.70	.81	10.7	36,500	2790	.61	.72	.84	10.1	34,500	2960	.62	.74	.86	9.5	32,500	3110	.64	.76	.89
	590	1250	11.7	39,800	2650	.62	.74	.87	11.1	37,800	2820	.64	.76	.89	10.5	35,700	2990	.65	.79	.92	9.8	33,500	3140	.67	.82	.95
71°F (21.7°C)	400	850	11.3	38,600	2620	.44	.53	.62	10.8	36,700	2800	.44	.54	.63	10.2	34,900	2970	.45	.55	.64	9.6	32,900	3120	.45	.56	.66
	495	1050	11.9	40,600	2670	.45	.55	.65	11.3	38,600	2850	.46	.56	.67	10.7	36,500	3010	.46	.58	.68	10.1	34,500	3170	.47	.59	.70
	590	1250	12.3	42,000	2700	.46	.58	.69	11.7	39,900	2880	.47	.59	.71	11.0	37,700	3050	.48	.61	.73	10.4	35,500	3200	.49	.62	.75

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

HS19-411-413 — CB19-41 — CBH19-41

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)	425	900	10.2	34,900	2590	.72	.83	.93	9.7	33,000	2760	.73	.85	.96	9.2	31,300	2920	.75	.88	.98	8.6	29,500	3070	.78	.91	1.00
	530	1125	10.8	36,800	2640	.77	.90	1.00	10.2	34,900	2810	.79	.92	1.00	9.7	33,100	2970	.81	.95	1.00	9.1	31,200	3130	.84	.98	1.00
	635	1350	11.2	38,300	2670	.82	.95	1.00	10.7	36,400	2850	.85	.97	1.00	10.1	34,500	3020	.87	1.00	1.00	9.6	32,600	3180	.90	1.00	1.00
67°F (19.4°C)	425	900	10.8	37,000	2640	.57	.67	.76	10.3	35,200	2820	.58	.68	.78	9.8	33,400	2980	.59	.69	.81	9.2	31,500	3140	.60	.71	.83
	530	1125	11.4	39,000	2690	.60	.71	.83	10.8	37,000	2860	.61	.73	.85	10.3	35,000	3030	.63	.75	.88	9.6	32,900	3180	.64	.77	.91
	635	1350	11.8	40,300	2720	.63	.76	.89	11.2	38,300	2900	.64	.78	.92	10.6	36,100	3060	.66	.81	.95	9.9	33,900	3220	.68	.84	.97
71°F (21.7°C)	425	900	11.5	39,100	2690	.44	.53	.62	10.9	37,200	2870	.44	.54	.63	10.3	35,300	3040	.45	.55	.65	9.8	33,400	3200	.45	.56	.66
	530	1125	12.0	41,100	2730	.45	.56	.66	11.5	39,100	2920	.46	.57	.68	10.8	37,000	3090	.46	.58	.69	10.2	34,900	3250	.47	.60	.71
	635	1350	12.5	42,500	2760	.47	.59	.70	11.8	40,400	2950	.47	.60	.72	11.2	38,200	3120	.48	.61	.74	10.5	35,900	3280	.49	.63	.77

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

HS19-411-413 — CB21V-41 — CBH21V-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)	425	900	10.4	35,600	2570	.74	.84	.94	9.9	33,800	2740	.75	.86	.96	9.4	32,000	2900	.77	.88	.98	8.8	30,100	3050	.79	.91	1.00
	520	1100	10.9	37,300	2620	.78	.90	.99	10.4	35,500	2790	.80	.92	1.00	9.8	33,600	2950	.82	.94	1.00	9.3	31,600	3100	.85	.97	1.00
	615	1300	11.3	38,700	2650	.82	.94	1.00	10.8	36,900	2820	.84	.96	1.00	10.2	34,900	2990	.87	.99	1.00	9.6	32,900	3140	.90	1.00	1.00
67°F (19.4°C)	425	900	11.1	37,800	2630	.59	.69	.78	10.5	36,000	2800	.60	.70	.80	10.0	34,100	2970	.61	.72	.82	9.4	32,100	3120	.62	.73	.84
	520	1100	11.6	39,600	2670	.62	.73	.83	11.0	37,600	2840	.63	.74	.86	10.4	35,600	3010	.64	.76	.88	9.8	33,500	3160	.66	.79	.91
	615	1300	12.0	41,100	2700	.64	.77	.89	11.4	38,900	2880	.66	.79	.91	10.8	36,700	3040	.67	.81	.94	10.1	34,400	3200	.69	.84	.96
71°F (21.7°C)	425	900	11.7	39,900	2670	.46	.55	.64	11.1	38,000	2850	.46	.56	.65	10.5	36,000	3020	.46	.57	.66	10.0	34,000	3180	.47	.58	.68
	520	1100	12.2	41,800	2720	.47	.57	.68	11.7	39,800	2900	.47	.58	.69	11.0	37,600	3070	.48	.60	.71	10.4	35,400	3230	.49	.61	.73
	615	1300	12.7	43,200	2750	.48	.60	.71	12.0	41,000	2930	.49	.61	.73	11.3	38,700	3100	.49	.63	.75	10.7	36,500	3260	.50	.64	.78

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

HS19-411-413 — CB19-51 — CBH19-51

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)	495	1050	10.9	37,300	2600	.76	.88	.98	10.4	35,500	2770	.77	.90	1.00	9.8	33,500	2930	.80	.93	1.00	9.3	31,600	3080	.82	.96	1.00
	590	1250	11.4	38,900	2630	.80	.94	1.00	10.8	36,900	2800	.83	.96	1.00	10.3	35,000	2970	.86	.99	1.00	9.7	33,000	3130	.89	1.00	1.00
	685	1450	11.7	40,100	2660	.85	.98	1.00	11.2	38,200	2840	.88	1.00	1.00	10.6	36,300	3010	.91	1.00	1.00	10.1	34,400	3170	.94	1.00	1.00
67°F (19.4°C)	495	1050	11.6	39,600	2650	.60	.70	.81	11.0	37,600	2820	.61	.72	.83	10.4	35,500	2990	.62	.74	.86	9.8	33,400	3140	.63	.76	.89
	590	1250	12.0	41,000	2680	.62	.74	.87	11.4	38,800	2850	.64	.76	.89	10.8	36,700	3020	.65	.79	.93	10.1	34,400	3170	.67	.82	.96
	685	1450	12.3	42,000	2700	.65	.78	.92	11.6	39,700	2880	.67	.81	.95	11.0	37,500	3040	.68	.84	.98	10.3	35,300	3200	.70	.87	1.00
71°F (21.7°C)	495	1050	12.2	41,700	2690	.45	.55	.65	11.6	39,600	2870	.45	.56	.67	11.0	37,500	3040	.46	.57	.68	10.4	35,400	3200	.47	.59	.70
	590	1250	12.7	43,200	2720	.46	.58	.69	12.0	41,000	2900	.47	.59	.71	11.3	38,700	3070	.48	.60	.73	10.7	36,400	3230	.49	.62	.75
	685	1450	13.0	44,200	2740	.48	.61	.73	12.2	41,800	2920	.48	.62	.75	11.6	39,500	3100	.								

RATINGS

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

HS19-411-413 — CB21V-51 — CBH21V-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)								
						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)	545	1150	11.1	38,000	2660	.79	.91	1.00	10.6	36,100	2830	.81	.93	1.00	10.0	34,100	3000	.83	.96	1.00	9.4	32,000	3150	.86	.99	1.00
	615	1300	11.5	39,100	2680	.82	.95	1.00	10.8	37,000	2860	.84	.97	1.00	10.3	35,000	3030	.87	1.00	1.00	9.7	33,100	3190	.90	1.00	1.00
	685	1450	11.7	39,900	2700	.85	.98	1.00	11.1	38,000	2880	.88	1.00	1.00	10.5	36,000	3060	.90	1.00	1.00	10.0	34,200	3220	.94	1.00	1.00
67°F (19.4°C)	545	1150	11.8	40,300	2710	.62	.73	.84	11.2	38,300	2890	.63	.75	.87	10.6	36,100	3060	.65	.77	.90	9.9	33,900	3210	.66	.80	.92
	615	1300	12.1	41,300	2730	.64	.76	.89	11.5	39,100	2910	.66	.78	.91	10.8	36,900	3080	.67	.81	.94	10.1	34,600	3240	.69	.84	.97
	685	1450	12.3	42,100	2750	.66	.79	.92	11.7	39,900	2930	.68	.82	.95	11.0	37,500	3100	.70	.84	.98	10.3	35,200	3260	.72	.87	1.00
71°F (21.7°C)	545	1150	12.4	42,400	2760	.47	.58	.68	11.8	40,300	2940	.47	.59	.70	11.1	38,000	3120	.48	.60	.72	10.5	35,800	3270	.49	.62	.74
	615	1300	12.7	43,400	2780	.48	.60	.71	12.1	41,200	2960	.49	.61	.73	11.4	38,900	3140	.49	.62	.75	10.7	36,600	3300	.50	.64	.78
	685	1450	13.0	44,200	2800	.49	.62	.74	12.3	42,000	2980	.50	.63	.76	11.6	39,600	3160	.51	.65	.79	10.9	37,200	3320	.52	.67	.82

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

HS19-461-463 — CH24-41/B24

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)								
						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	3100	.66	.80	.91	10.6	36,300	3280	.67	.81	.92	10.1	34,400	3510	.69	.83	.95	9.5	32,400	3780	.70	.85	.98
	565	1200	11.7	39,800	3150	.70	.83	.96	11.1	37,900	3340	.71	.84	.99	10.5	35,900	3580	.72	.86	1.00	9.9	33,800	3860	.74	.89	1.00
	660	1400	12.1	41,300	3190	.73	.86	1.00	11.5	39,300	3390	.74	.88	1.00	10.9	37,100	3630	.76	.90	1.00	10.2	34,800	3920	.79	.93	1.00
67°F (19.4°C)	470	1000	11.7	40,000	3150	.52	.67	.77	11.2	38,200	3350	.53	.68	.79	10.6	36,200	3590	.54	.69	.80	10.0	34,200	3890	.55	.70	.83
	565	1200	12.3	42,000	3200	.54	.69	.82	11.7	40,000	3410	.55	.70	.83	11.1	37,900	3660	.56	.71	.85	10.4	35,600	3970	.57	.73	.88
	660	1400	12.7	43,500	3240	.56	.71	.86	12.1	41,400	3460	.57	.72	.88	11.5	39,100	3720	.58	.74	.90	10.8	36,800	4030	.59	.75	.93
71°F (21.7°C)	470	1000	12.3	41,900	3200	.39	.54	.65	11.7	40,000	3410	.39	.55	.66	11.1	38,000	3670	.40	.56	.67	10.5	35,900	3980	.40	.56	.69
	565	1200	12.9	44,000	3250	.40	.56	.68	12.3	41,900	3480	.40	.56	.69	11.6	39,700	3740	.41	.57	.71	11.0	37,500	4060	.41	.58	.73
	660	1400	13.3	45,500	3300	.41	.57	.71	12.7	43,400	3520	.41	.57	.73	12.0	41,000	3800	.41	.59	.74	11.3	38,700	4130	.42	.60	.76

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

HS19-461-463 — C23-41(FC) — C23-41W(FC) — C24-41FC/B24 — C24-41WFC/B24

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)								
						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	3120	.66	.80	.91	10.8	36,700	3310	.67	.81	.93	10.2	34,800	3540	.69	.83	.95	9.6	32,900	3820	.70	.85	.97
	565	1200	11.8	40,400	3170	.70	.83	.96	11.3	38,500	3370	.71	.85	.99	10.7	36,400	3610	.73	.87	1.00	10.0	34,200	3900	.74	.90	1.00
	660	1400	12.2	41,700	3210	.73	.86	1.00	11.7	39,800	3410	.75	.88	1.00	11.0	37,600	3660	.76	.91	1.00	10.3	35,300	3960	.79	.94	1.00
67°F (19.4°C)	470	1000	11.8	40,300	3170	.52	.66	.78	11.3	38,500	3380	.53	.67	.79	10.7	36,600	3620	.54	.69	.81	10.1	34,600	3920	.55	.70	.83
	565	1200	12.5	42,500	3220	.54	.69	.82	11.9	40,500	3440	.55	.70	.84	11.3	38,400	3690	.56	.71	.86	10.6	36,200	4000	.57	.73	.88
	660	1400	12.9	44,000	3260	.56	.71	.86	12.3	41,900	3480	.57	.72	.88	11.6	39,600	3750	.58	.74	.91	10.9	37,300	4070	.60	.76	.93
71°F (21.7°C)	470	1000	12.4	42,200	3220	.39	.54	.65	11.8	40,300	3430	.39	.55	.66	11.3	38,400	3700	.40	.55	.67	10.6	36,300	4010	.40	.56	.69
	565	1200	13.0	44,400	3270	.40	.55	.68	12.4	42,300	3500	.40	.56	.70	11.8	40,100	3770	.41	.57	.71	11.1	38,000	4100	.41	.58	.73
	660	1400	13.5	45,900	3310	.41	.57	.72	12.8	43,800	3550	.41	.57	.73	12.2	41,500	3830	.42	.58	.75	11.5	39,100	4170	.42	.60	.77

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

HS19-461-463 — CR18-41

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)								
						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	3170	.76	.88	.99	11.4	39,000	3380	.78	.90	1.00	10.8	36,800	3640	.81	.93	1.00	10.1	34,500	3940	.83	.97	1.00
	710	1500	12.5	42,800	3210	.82	.95	1.00	11.9	40,700	3430	.85	.98	1.00	11.2	38,200	3700	.87	1.00	1.00	10.6	36,100	4040	.91	1.00	1.00
	850	1800	13.0	44,200	3240	.88	1.00	1.00	12.3	42,100	3480	.91	1.00	1.00	11.7	39,900	3780	.94	1.00	1.00	11.0	37,600	4130	.98	1.00	1.00
67°F (19.4°C)	565	1200	12.9	44,000	3240	.60	.71	.82	12.2	41,700	3470	.61	.73	.84	11.5	39,200	3750	.62	.75	.87	10.8	36,700	4070	.64	.77	.90
	710	1500	13.3	45,400	3280	.64	.76	.89	12.6	43,000	3510	.65	.79	.92	11.8	40,400	3800	.67	.81	.95	11.0	37,700	4130	.69	.84	.99
	850	1800	13.6	46,500	3300	.67	.82	.96	12.9	43,900	3540	.69	.84	.99	12.1	41,300	3830	.71	.87	1.00	11.3	38,500	4180	.74	.91	1.00
71°F (21.7°C)	565	1200	13.8	47,200	3320	.45	.55	.66	13.1	44,700	3570	.46	.57	.67	12.3	42,000	3870	.46	.58	.69	11.5	39,300	4220	.47	.59	.72
	710	1500	14.2	48,600	3350	.47	.59	.71	13.4	45,900	3610	.48	.60	.73	12.6	43,100	3910	.48	.62	.75	11.8	40,200	4270	.49	.64	.78
	850	1800	14.5	49,500	3380	.49	.62	.76	13.7	46,700	3640	.49	.64	.79	12.8	43,800	3950	.50	.66	.81	12.0	40,800	4310	.52	.68	.85

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.

HS19-461-463 — CR22-41/B24

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	11.1	37,800	3110	.65	.78	.89	10.6	36,100	3300	.66	.80	.90	10.0	34,200	3540	.67	.81	.92	9.5	32,300	3820	.69	.83	.95
	540	1150	12.0	41,100	3200	.70	.84	.98	11.5	39,100	3400	.72	.86	1.00	10.8	36,900	3660	.74	.89	1.00	10.1	34,600	3960	.76	.91	1.00
	685	1450	12.7	43,300	3250	.76	.90	1.00	12.0	41,000	3470	.78	.93	1.00	11.3	38,700	3730	.80	.96	1.00	10.6	36,200	4050	.82	.98	1.00
67°F (19.4°C)	400	850	11.8	40,100	3170	.52	.65	.76	11.3	38,400	3380	.52	.66	.77	10.7	36,400	3630	.53	.67	.78	10.1	34,300	3940	.54	.68	.80
	540	1150	12.7	43,500	3260	.55	.69	.83	12.1	41,400	3480	.56	.70	.84	11.5	39,200	3750	.57	.72	.87	10.8	37,000	4080	.58	.74	.89
	685	1450	13.4	45,800	3310	.58	.73	.90	12.7	43,500	3550	.59	.75	.92	12.0	41,100	3830	.60	.77	.94	11.3	38,500	4170	.62	.79	.98
71°F (21.7°C)	400	850	12.4	42,400	3230	.39	.53	.64	11.9	40,500	3450	.39	.53	.65	11.3	38,400	3720	.40	.54	.66	10.6	36,300	4050	.40	.55	.67
	540	1150	13.4	45,800	3310	.40	.55	.69	12.8	43,700	3550	.41	.56	.70	12.1	41,400	3840	.41	.57	.72	11.4	39,000	4200	.41	.58	.73
	685	1450	14.2	48,400	3370	.42	.58	.74	13.5	46,000	3620	.42	.59	.75	12.7	43,300	3920	.42	.60	.77	11.9	40,700	4290	.43	.62	.80

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

HS19-461-463 — CH22-41/B24

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)	520	1100	12.0	40,800	3160	.69	.83	.94	11.3	38,700	3350	.70	.84	.96	10.6	36,300	3570	.72	.86	.99	9.9	33,900	3850	.74	.88	1.00
	615	1300	12.5	42,500	3200	.72	.86	.99	11.8	40,100	3400	.73	.88	1.00	11.0	37,600	3640	.75	.90	1.00	10.3	35,200	3920	.78	.92	1.00
	710	1500	12.8	43,800	3230	.75	.90	1.00	12.1	41,400	3440	.77	.91	1.00	11.4	38,900	3680	.79	.93	1.00	10.7	36,400	3980	.82	.96	1.00
67°F (19.4°C)	520	1100	12.7	43,300	3220	.54	.69	.80	12.1	41,200	3430	.55	.70	.81	11.4	38,800	3680	.56	.71	.84	10.6	36,300	3970	.57	.73	.86
	615	1300	13.2	45,000	3270	.56	.71	.84	12.5	42,600	3480	.57	.73	.86	11.8	40,100	3730	.58	.74	.89	10.9	37,300	4030	.59	.75	.92
	710	1500	13.6	46,300	3300	.58	.74	.89	12.8	43,800	3510	.59	.75	.91	12.0	41,000	3770	.60	.77	.94	11.2	38,300	4080	.62	.78	.97
71°F (21.7°C)	520	1100	13.3	45,500	3280	.40	.55	.67	12.7	43,300	3500	.41	.56	.68	12.0	40,800	3770	.41	.57	.70	11.3	38,400	4090	.41	.58	.71
	615	1300	13.9	47,400	3320	.41	.57	.70	13.2	45,000	3550	.42	.58	.72	12.4	42,400	3830	.42	.59	.73	11.6	39,700	4160	.42	.60	.75
	710	1500	14.3	48,700	3360	.42	.59	.73	13.6	46,300	3590	.42	.60	.75	12.7	43,300	3870	.43	.61	.77	11.8	40,400	4200	.44	.62	.79

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

HS19-461-463 — C23-46(FC) — C24-46FC/B24

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	12.1	41,200	3200	.70	.84	.96	11.5	39,300	3400	.71	.86	.98	10.9	37,200	3650	.73	.89	1.00	10.3	35,000	3950	.75	.91	1.00
	660	1400	12.5	42,700	3240	.73	.88	1.00	11.9	40,600	3450	.75	.90	1.00	11.3	38,400	3700	.77	.93	1.00	10.6	36,000	4010	.79	.96	1.00
	755	1600	12.9	43,900	3270	.77	.92	1.00	12.2	41,600	3490	.78	.94	1.00	11.5	39,300	3750	.80	.97	1.00	10.9	37,100	4070	.82	.99	1.00
67°F (19.4°C)	565	1200	12.7	43,300	3250	.55	.69	.82	12.1	41,300	3470	.56	.71	.84	11.5	39,100	3740	.57	.72	.86	10.8	36,900	4060	.58	.74	.88
	660	1400	13.2	44,900	3290	.57	.72	.86	12.5	42,700	3520	.58	.74	.88	11.9	40,500	3790	.59	.75	.90	11.2	38,100	4130	.60	.77	.93
	755	1600	13.5	46,200	3330	.59	.75	.90	12.9	43,900	3560	.60	.76	.93	12.2	41,500	3840	.61	.78	.95	11.4	39,000	4180	.63	.81	.98
71°F (21.7°C)	565	1200	13.2	45,200	3300	.41	.56	.69	12.6	43,100	3530	.42	.57	.70	12.0	40,900	3810	.42	.58	.72	11.3	38,600	4160	.42	.59	.73
	660	1400	13.7	46,900	3340	.42	.57	.72	13.1	44,700	3580	.43	.58	.73	12.4	42,300	3870	.43	.60	.75	11.7	39,800	4230	.43	.61	.77
	755	1600	14.1	48,200	3380	.43	.59	.75	13.4	45,800	3620	.43	.60	.77	12.7	43,500	3920	.44	.61	.78	12.0	40,900	4280	.44	.63	.80

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

HS19-461-463 — CR18-51

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	12.2	41,800	3180	.76	.88	.98	11.6	39,600	3400	.78	.90	1.00	10.9	37,300	3660	.80	.93	1.00	10.3	35,000	3970	.83	.96	1.00
	710	1500	12.8	43,600	3230	.82	.95	1.00	12.1	41,300	3450	.84	.98	1.00	11.4	38,800	3730	.87	1.00	1.00	10.7	36,600	4070	.91	1.00	1.00
	850	1800	13.2	44,900	3260	.88	1.00	1.00	12.5	42,800	3510	.91	1.00	1.00	11.9	40,600	3810	.94	1.00	1.00	11.2	38,200	4160	.98	1.00	1.00
67°F (19.4°C)	565	1200	13.1	44,800	3260	.60	.71	.81	12.4	42,400	3490	.61	.72	.84	11.7	39,800	3770	.62	.75	.86	10.9	37,200	4100	.64	.77	.90
	710	1500	13.5	46,200	3300	.64	.76	.89	12.8	43,700	3540	.65	.78	.91	12.0	41,000	3830	.67	.81	.95	11.2	38,300	4160	.69	.84	.99
	850	1800	13.9	47,300	3320	.67	.82	.96	13.1	44,700	3570	.69	.84	.99	12.3	41,900	3860	.71	.87	1.00	11.5	39,100	4210	.74	.91	1.00
71°F (21.7°C)	565	1200	14.1	48,000	3340	.45	.55	.66	13.3	45,400	3590	.46	.56	.67	12.5	42,700	3900	.46	.58	.69	11.7	39,800	4250	.47	.59	.71
	710	1500	14.5	49,400	3370	.47	.59	.71	13.7	46,600	3630	.48	.60	.73	12.8	43,800	3940	.48	.62	.75	12.0	40,800	4310	.49	.64	.78
	850	1800	14.8	5																						

RATINGS

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

HS19-461-463 — C22-41FC/B24 — 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)	470	1000	11.9	40,700	3180	.68	.81	.93	11.4	38,900	3380	.69	.83	.95	10.8	36,800	3620	.70	.85	.97	10.1	34,600	3920	.72	.88	1.00
	565	1200	12.5	42,700	3230	.71	.86	.99	11.9	40,600	3440	.73	.88	1.00	11.2	38,300	3690	.75	.90	1.00	10.6	36,000	3990	.77	.93	1.00
	660	1400	12.9	44,100	3260	.75	.90	1.00	12.3	41,800	3480	.77	.92	1.00	11.6	39,500	3740	.79	.95	1.00	10.9	37,200	4060	.81	.97	1.00
67°F (19.4°C)	470	1000	12.7	43,200	3240	.53	.67	.79	12.1	41,200	3460	.54	.68	.81	11.4	39,000	3720	.55	.70	.83	10.8	36,800	4040	.56	.71	.85
	565	1200	13.2	45,200	3290	.56	.70	.84	12.6	43,000	3520	.56	.71	.86	11.9	40,700	3790	.57	.73	.88	11.2	38,300	4120	.59	.75	.90
	660	1400	13.7	46,700	3330	.58	.73	.88	13.0	44,400	3560	.59	.75	.91	12.3	41,900	3840	.60	.76	.93	11.5	39,400	4180	.61	.79	.96
71°F (21.7°C)	470	1000	13.4	45,600	3300	.40	.54	.66	12.7	43,400	3530	.40	.55	.68	12.1	41,200	3810	.41	.56	.69	11.4	38,800	4160	.41	.57	.70
	565	1200	14.0	47,600	3350	.41	.56	.70	13.3	45,400	3590	.41	.57	.71	12.6	43,100	3880	.42	.58	.72	11.8	40,300	4240	.42	.59	.74
	660	1400	14.4	49,200	3390	.42	.58	.73	13.7	46,900	3640	.42	.59	.75	13.0	44,300	3940	.43	.60	.76	12.2	41,600	4310	.43	.61	.78

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

HS19-461-463 — CB19-41 — CBH19-41

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	11.7	40,000	3160	.75	.85	.94	11.2	38,100	3360	.76	.87	.96	10.5	36,000	3610	.78	.89	.98	10.0	34,000	3900	.80	.91	1.00
	590	1250	12.2	41,800	3210	.78	.89	.98	11.6	39,700	3420	.80	.91	1.00	11.0	37,500	3670	.82	.94	1.00	10.3	35,200	3970	.85	.96	1.00
	685	1450	12.6	43,100	3250	.82	.93	1.00	12.0	41,000	3460	.84	.95	1.00	11.4	38,800	3720	.86	.97	1.00	10.7	36,500	4040	.89	1.00	1.00
67°F (19.4°C)	495	1050	12.5	42,500	3230	.60	.69	.79	11.9	40,500	3440	.60	.71	.81	11.2	38,300	3700	.62	.72	.83	10.6	36,100	4010	.63	.74	.85
	590	1250	13.0	44,200	3270	.62	.73	.83	12.3	42,000	3490	.63	.74	.85	11.6	39,700	3760	.64	.76	.88	10.9	37,300	4090	.66	.79	.90
	685	1450	13.4	45,600	3310	.64	.76	.87	12.7	43,300	3530	.65	.78	.90	12.0	40,900	3810	.67	.80	.92	11.2	38,200	4140	.69	.83	.95
71°F (21.7°C)	495	1050	13.1	44,800	3290	.46	.55	.64	12.5	42,700	3520	.46	.56	.66	11.9	40,500	3790	.47	.57	.67	11.2	38,200	4130	.47	.58	.69
	590	1250	13.7	46,700	3330	.47	.57	.68	13.0	44,500	3570	.47	.58	.69	12.3	42,100	3860	.48	.60	.71	11.6	39,600	4210	.49	.61	.73
	685	1450	14.1	48,100	3370	.48	.60	.71	13.4	45,700	3610	.49	.61	.72	12.7	43,200	3910	.49	.62	.74	11.9	40,500	4270	.50	.64	.77

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

HS19-461-463 — 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	39,400	3140	.72	.86	.97	11.0	37,400	3400	.74	.88	.99	10.4	35,400	3660	.75	.90	1.00	9.8	33,300	3900	.78	.93	1.00
	660	1400	12.1	41,200	3190	.78	.92	1.00	11.5	39,200	3460	.80	.95	1.00	10.9	37,100	3730	.82	.97	1.00	10.3	35,000	3990	.84	.99	1.00
	800	1700	12.5	42,700	3230	.83	.98	1.00	11.9	40,700	3520	.85	.99	1.00	11.3	38,700	3800	.88	1.00	1.00	10.7	36,600	4080	.90	1.00	1.00
67°F (19.4°C)	520	1100	12.4	42,200	3220	.56	.69	.82	11.8	40,100	3490	.57	.71	.84	11.1	37,900	3760	.58	.73	.86	10.4	35,500	4020	.60	.75	.89
	660	1400	12.8	43,800	3260	.60	.75	.89	12.2	41,500	3540	.61	.77	.91	11.5	39,200	3820	.62	.79	.94	10.8	36,800	4090	.64	.82	.97
	800	1700	13.2	44,900	3290	.63	.81	.95	12.5	42,600	3580	.64	.83	.97	11.8	40,200	3860	.66	.85	.99	11.0	37,700	4130	.68	.88	1.00
71°F (21.7°C)	520	1100	13.3	45,300	3300	.42	.55	.67	12.6	43,000	3590	.43	.55	.68	11.9	40,700	3880	.43	.57	.70	11.2	38,200	4160	.43	.58	.72
	660	1400	13.7	46,900	3340	.44	.58	.72	13.0	44,500	3640	.44	.59	.74	12.3	42,000	3930	.44	.61	.77	11.5	39,300	4220	.45	.62	.79
	800	1700	14.0	47,900	3370	.45	.62	.78	13.3	45,500	3670	.45	.63	.80	12.6	42,900	3970	.46	.65	.83	11.8	40,100	4260	.47	.67	.86

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

HS19-461-463 — CB21V-41 — CBH21V-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)	425	900	11.8	40,400	3140	.71	.80	.89	11.3	38,400	3340	.72	.81	.91	10.7	36,400	3580	.74	.83	.93	10.0	34,300	3870	.75	.86	.96
	520	1100	12.5	42,600	3190	.74	.84	.94	11.9	40,500	3400	.76	.86	.96	11.2	38,200	3660	.78	.89	.98	10.5	36,000	3960	.80	.91	1.00
	615	1300	13.0	44,200	3230	.78	.89	.98	12.3	42,000	3450	.79	.91	1.00	11.6	39,700	3720	.82	.93	1.00	11.0	37,400	4040	.84	.96	1.00
67°F (19.4°C)	425	900	12.5	42,800	3200	.57	.66	.74	12.0	40,800	3410	.58	.67	.76	11.3	38,700	3670	.59	.68	.77	10.7	36,500	3990	.60	.70	.80
	520	1100	13.2	45,100	3260	.59	.69	.78	12.6	42,900	3480	.60	.70	.80	11.9	40,600	3750	.61	.72	.83	11.2	38,200	4080	.63	.74	.85
	615	1300	13.7	46,900	3300	.62	.72	.83	13.0	44,500	3530	.63	.74	.85	12.3	42,100	3810	.64	.76	.87	11.6	39,600	4150	.66	.78	.90
71°F (21.7°C)	425	900	13.2	45,200	3260	.45	.53	.61	12.6	43,100	3480	.45	.54	.62	12.0	40,900	3760	.45	.55	.63	11.3	38,600	4100	.46	.56	.65
	520	1100	13.9	47,500	3310	.46	.55	.64	13.3	45,300	3550	.46	.56	.66	12.6	42,900	3840	.47	.57	.67	11.8	40,400	4200	.47	.58	.69
	615	1300	14.5	49,400	3350	.47	.57	.67	13.8	47,000	3600	.47	.58	.69	13.0	44,50										

RATINGS

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

HS19-461-463 — C23-51(FC) — C24-51FC/B24

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	3230	.69	.84	.95	11.8	40,200	3440	.71	.85	.97	11.2	38,100	3690	.72	.88	1.00	10.5	35,700	4000	.74	.90	1.00
	660	1400	12.8	43,800	3270	.73	.87	1.00	12.2	41,600	3490	.74	.89	1.00	11.5	39,300	3750	.76	.92	1.00	10.8	36,800	4070	.78	.95	1.00
	755	1600	13.2	45,100	3300	.76	.90	1.00	12.5	42,600	3530	.77	.93	1.00	11.8	40,400	3800	.79	.95	1.00	11.1	38,000	4130	.81	.98	1.00
67°F (19.4°C)	565	1200	13.0	44,300	3280	.55	.69	.81	12.4	42,200	3510	.55	.70	.83	11.7	40,000	3780	.56	.72	.85	11.0	37,600	4110	.57	.74	.87
	660	1400	13.5	45,900	3330	.57	.71	.85	12.8	43,700	3560	.57	.73	.87	12.1	41,400	3840	.58	.75	.89	11.4	38,900	4180	.60	.77	.92
	755	1600	13.9	47,300	3360	.58	.74	.89	13.2	44,900	3600	.59	.75	.92	12.4	42,400	3890	.61	.77	.94	11.7	39,800	4240	.62	.80	.97
71°F (21.7°C)	565	1200	13.5	46,200	3330	.41	.55	.68	12.9	44,000	3570	.41	.56	.70	12.2	41,700	3860	.42	.57	.71	11.5	39,200	4210	.42	.59	.73
	660	1400	14.0	47,900	3370	.42	.57	.71	13.4	45,700	3620	.42	.58	.73	12.7	43,300	3920	.42	.59	.74	11.9	40,700	4280	.43	.60	.76
	755	1600	14.5	49,400	3410	.42	.58	.74	13.8	47,000	3660	.43	.59	.76	13.0	44,400	3970	.43	.60	.78	12.2	41,700	4340	.44	.62	.80

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

HS19-461-463 — CH24-51/B24

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	12.2	41,700	3190	.69	.83	.94	11.6	39,600	3390	.70	.85	.97	11.0	37,400	3630	.72	.87	.99	10.3	35,000	3930	.74	.89	1.00
	660	1400	12.7	43,200	3230	.72	.86	1.00	12.0	41,000	3440	.73	.88	1.00	11.3	38,600	3690	.75	.90	1.00	10.6	36,000	3980	.78	.93	1.00
	755	1600	13.0	44,400	3260	.75	.89	1.00	12.3	42,100	3470	.77	.92	1.00	11.6	39,500	3730	.79	.94	1.00	10.9	37,100	4030	.81	.97	1.00
67°F (19.4°C)	565	1200	12.9	43,900	3250	.54	.69	.81	12.2	41,700	3460	.55	.70	.82	11.5	39,400	3720	.56	.71	.84	10.8	36,900	4030	.57	.73	.87
	660	1400	13.3	45,400	3290	.56	.71	.85	12.6	43,100	3510	.57	.72	.87	11.9	40,700	3780	.58	.74	.89	11.2	38,100	4100	.59	.76	.91
	755	1600	13.7	46,700	3320	.58	.73	.89	13.0	44,300	3550	.59	.75	.91	12.3	41,800	3820	.60	.76	.93	11.4	38,900	4150	.62	.78	.97
71°F (21.7°C)	565	1200	13.5	45,900	3300	.41	.56	.68	12.8	43,800	3530	.41	.56	.69	12.1	41,400	3810	.41	.57	.70	11.4	39,000	4140	.42	.58	.72
	660	1400	14.0	47,600	3340	.41	.57	.71	13.3	45,300	3580	.42	.58	.72	12.5	42,800	3860	.42	.59	.74	11.8	40,100	4200	.43	.60	.75
	755	1600	14.3	48,900	3370	.42	.58	.74	13.6	46,400	3620	.42	.59	.75	12.9	43,900	3910	.43	.60	.77	12.0	40,900	4260	.44	.61	.79

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

HS19-461-463 — 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)	520	1100	12.1	41,400	3180	.68	.81	.92	11.5	39,200	3390	.69	.84	.95	10.9	37,100	3640	.70	.86	.97	10.2	34,900	3950	.72	.89	1.00
	660	1400	12.8	43,600	3240	.72	.87	1.00	12.1	41,400	3460	.74	.89	1.00	11.5	39,200	3720	.76	.92	1.00	10.7	36,400	4040	.78	.95	1.00
	800	1700	13.3	45,500	3280	.77	.92	1.00	12.6	42,900	3500	.79	.95	1.00	11.9	40,600	3780	.81	.97	1.00	11.2	38,100	4120	.83	1.00	1.00
67°F (19.4°C)	520	1100	12.8	43,600	3240	.54	.67	.79	12.2	41,600	3460	.54	.68	.81	11.5	39,300	3730	.55	.70	.82	10.8	37,000	4070	.56	.72	.84
	660	1400	13.5	46,200	3300	.56	.71	.85	12.8	43,800	3530	.57	.73	.87	12.1	41,400	3820	.58	.75	.89	11.4	38,900	4160	.59	.77	.92
	800	1700	14.0	47,900	3340	.59	.74	.91	13.4	45,600	3580	.60	.76	.93	12.6	42,900	3870	.61	.79	.96	11.8	40,200	4230	.63	.82	.99
71°F (21.7°C)	520	1100	13.4	45,800	3290	.40	.54	.67	12.9	43,900	3530	.41	.55	.67	12.3	41,900	3830	.41	.56	.69	11.3	38,500	4190	.42	.57	.70
	660	1400	14.2	48,500	3350	.41	.57	.71	13.5	46,200	3600	.42	.58	.72	12.8	43,700	3900	.42	.59	.74	12.0	40,900	4280	.43	.60	.76
	800	1700	14.8	50,500	3390	.42	.58	.75	14.1	48,000	3650	.43	.60	.77	13.3	45,300	3970	.43	.61	.79	12.5	42,500	4350	.44	.63	.81

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

HS19-461-463 — CH22-51/B24

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	42,300	3210	.70	.84	.96	11.8	40,300	3420	.71	.86	.98	11.1	38,000	3670	.72	.88	1.00	10.5	35,900	3970	.74	.90	1.00
	660	1400	12.9	43,900	3250	.73	.87	1.00	12.2	41,700	3470	.74	.89	1.00	11.6	39,500	3730	.76	.92	1.00	10.9	37,200	4040	.78	.95	1.00
	755	1600	13.3	45,300	3280	.76	.91	1.00	12.6	43,000	3510	.78	.93	1.00	11.9	40,700	3780	.79	.96	1.00	11.2	38,200	4100	.82	.98	1.00
67°F (19.4°C)	565	1200	13.1	44,600	3270	.55	.69	.81	12.4	42,400	3490	.56	.70	.83	11.8	40,100	3750	.57	.72	.85	11.1	37,800	4080	.58	.73	.87
	660	1400	13.5	46,200	3310	.57	.72	.86	12.9	44,000	3540	.58	.73	.87	12.2	41,600	3810	.59	.75	.90	11.5	39,100	4150	.60	.77	.92
	755	1600	14.0	47,600	3340	.59	.74	.90	13.2	45,200	3580	.60	.76	.92	12.5	42,700	3860	.61	.77	.94	11.8	40,100	4200	.62	.80	.97
71°F (21.7°C)	565	1200	13.8	47,100	3330	.41	.56	.68	13.1	44,600	3560	.41	.56	.70	12.3	42,000	3830	.42	.57	.71	11.6	39,600	4180	.42	.58	.73
	660	1400	14.2	48,500	3360	.42	.57	.71	13.5	46,100	3600	.42	.58	.73	12.7	43,400	3900	.43	.59	.74	12.0	40,900	4250	.43	.60	.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.

HS19-461-463 — 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)			Total Cooling 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)	520	1100	12.4	42,200	3190	.74	.85	.95	11.7	40,000	3410	.76	.87	.98	11.0	37,600	3670	.78	.90	1.00	10.3	35,200	3980	.80	.93	1.00
	615	1300	12.8	43,600	3230	.78	.90	1.00	12.1	41,300	3450	.80	.92	1.00	11.4	38,800	3730	.82	.96	1.00	10.7	36,400	4050	.85	.99	1.00
	710	1500	13.1	44,800	3260	.82	.95	1.00	12.4	42,400	3490	.84	.98	1.00	11.7	39,800	3770	.87	1.00	1.00	11.0	37,500	4120	.90	1.00	1.00
67°F (19.4°C)	520	1100	13.3	45,400	3270	.59	.69	.79	12.6	42,900	3510	.59	.70	.81	11.8	40,300	3790	.61	.72	.83	11.0	37,600	4130	.62	.74	.86
	615	1300	13.7	46,600	3300	.61	.72	.83	12.9	44,000	3550	.62	.74	.86	12.1	41,300	3840	.64	.76	.89	11.3	38,500	4180	.65	.79	.93
	710	1500	13.9	47,600	3330	.63	.76	.88	13.2	44,900	3580	.65	.78	.91	12.3	42,100	3870	.67	.81	.95	11.5	39,200	4220	.69	.84	.99
71°F (21.7°C)	520	1100	14.3	48,700	3360	.45	.54	.64	13.5	46,000	3610	.45	.55	.65	12.7	43,200	3920	.46	.56	.67	11.8	40,400	4280	.46	.58	.69
	615	1300	14.6	49,900	3390	.46	.56	.67	13.8	47,100	3650	.46	.58	.69	13.0	44,200	3960	.47	.59	.71	12.1	41,200	4330	.48	.61	.74
	710	1500	14.9	50,800	3410	.47	.59	.71	14.0	47,900	3680	.47	.60	.73	13.2	44,900	3990	.48	.62	.75	12.2	41,800	4370	.49	.64	.78

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

HS19-461-463 — C22-46FC/B24 — 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)	565	1200	12.7	43,200	3250	.71	.85	.97	12.1	41,200	3470	.72	.87	.99	11.4	38,900	3730	.73	.89	1.00	10.7	36,500	4040	.75	.92	1.00
	660	1400	13.1	44,800	3290	.74	.89	1.00	12.5	42,500	3520	.75	.91	1.00	11.8	40,100	3790	.77	.94	1.00	11.1	37,800	4120	.79	.96	1.00
	755	1600	13.5	46,100	3330	.77	.92	1.00	12.8	43,800	3560	.79	.95	1.00	12.1	41,400	3840	.80	.97	1.00	11.5	39,100	4180	.83	1.00	1.00
67°F (19.4°C)	565	1200	13.2	45,200	3310	.56	.70	.83	12.6	43,100	3530	.56	.71	.84	12.0	40,800	3810	.57	.73	.86	11.3	38,400	4150	.58	.75	.89
	660	1400	13.8	47,000	3350	.58	.73	.87	13.1	44,700	3590	.58	.74	.89	12.4	42,200	3870	.59	.76	.91	11.6	39,700	4220	.61	.78	.94
	755	1600	14.2	48,300	3380	.59	.75	.91	13.5	45,900	3630	.60	.77	.93	12.7	43,400	3920	.62	.79	.96	11.9	40,600	4280	.63	.81	.99
71°F (21.7°C)	565	1200	13.8	47,100	3350	.42	.56	.70	13.1	44,800	3590	.42	.57	.71	12.5	42,500	3890	.42	.58	.72	11.8	40,100	4250	.43	.59	.74
	660	1400	14.4	49,000	3400	.42	.58	.73	13.7	46,600	3650	.43	.58	.74	12.9	44,100	3950	.43	.59	.75	12.1	41,400	4320	.44	.61	.77
	755	1600	14.8	50,400	3430	.43	.59	.75	14.0	47,900	3690	.44	.60	.77	13.3	45,300	4000	.44	.62	.79	12.5	42,500	4380	.45	.63	.81

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

HS19-461-463 — 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)			Total Cooling 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)	565	1200	12.8	43,800	3250	.76	.87	.98	12.1	41,400	3480	.78	.89	1.00	11.4	38,900	3750	.80	.92	1.00	10.6	36,300	4070	.83	.96	1.00
	710	1500	13.4	45,700	3300	.82	.95	1.00	12.7	43,300	3530	.84	.98	1.00	11.9	40,500	3820	.87	1.00	1.00	11.2	38,200	4180	.90	1.00	1.00
	850	1800	13.9	47,300	3330	.88	1.00	1.00	13.2	44,900	3590	.90	1.00	1.00	12.5	42,500	3910	.94	1.00	1.00	11.7	39,900	4280	.98	1.00	1.00
67°F (19.4°C)	565	1200	13.8	47,100	3330	.59	.70	.81	13.0	44,400	3570	.61	.72	.83	12.2	41,600	3870	.62	.74	.86	11.4	38,800	4210	.64	.77	.89
	710	1500	14.3	48,700	3370	.63	.76	.88	13.4	45,900	3620	.65	.78	.91	12.6	42,900	3930	.67	.81	.95	11.7	39,900	4280	.69	.84	.99
	850	1800	14.6	49,800	3400	.67	.82	.95	13.7	46,900	3660	.69	.84	.99	12.9	43,900	3970	.71	.88	1.00	12.0	40,800	4330	.74	.91	1.00
71°F (21.7°C)	565	1200	14.8	50,400	3410	.45	.55	.65	13.9	47,600	3680	.46	.56	.67	13.1	44,600	4000	.46	.57	.69	12.2	41,500	4370	.47	.59	.71
	710	1500	15.2	52,000	3450	.47	.59	.70	14.4	49,000	3730	.47	.60	.73	13.4	45,800	4050	.48	.62	.75	12.5	42,500	4430	.49	.64	.78
	850	1800	15.6	53,100	3480	.49	.62	.76	14.6	49,900	3760	.49	.64	.78	13.7	46,600	4090	.50	.66	.82	12.7	43,300	4480	.52	.69	.85

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

HS19-461-463 — C22-51FC/B24 — C26-51(FC) — CR22-51/B24

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)	565	1200	12.8	43,700	3260	.71	.85	.97	12.2	41,600	3480	.72	.87	.99	11.5	39,400	3740	.74	.89	1.00	10.8	37,000	4050	.76	.92	1.00
	660	1400	13.3	45,300	3300	.74	.89	1.00	12.6	43,000	3530	.76	.91	1.00	11.9	40,600	3800	.77	.94	1.00	11.2	38,300	4130	.79	.97	1.00
	755	1600	13.7	46,600	3330	.77	.93	1.00	13.0	44,400	3570	.79	.95	1.00	12.3	42,000	3850	.81	.98	1.00	11.5	39,400	4190	.83	1.00	1.00
67°F (19.4°C)	565	1200	13.4	45,800	3310	.56	.70	.83	12.8	43,600	3540	.57	.71	.85	12.1	41,300	3820	.58	.73	.87	11.4	38,800	4170	.59	.75	.89
	660	1400	14.0	47,600	3360	.58	.73	.87	13.3	45,300	3600	.59	.74	.89	12.5	42,800	3890	.60	.76	.91	11.8	40,200	4240	.61	.78	.94
	755	1600	14.3	48,900	3390	.60	.76	.91	13.6	46,500	3640	.61	.77	.93	12.9	43,900	3940	.62	.79	.96	12.0	41,100	4290	.63	.82	.99
71°F (21.7°C)	565	1200	14.0	47,600	3360	.42	.56	.70	13.3	45,400	3600	.42	.57	.71	12.6	43,100	3900	.43	.58	.73	11.9	40,600	4260	.43	.59	.74
	660	1400	14.6	49,700	3400	.43	.58	.73	13.8	47,100	3660	.43	.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.

HS19-461-463 — CB19-51 — CBH19-51

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)	495	1050	12.1	41,200	3210	.71	.82	.92	11.5	39,100	3410	.72	.84	.95	10.8	37,000	3660	.74	.87	.98	10.2	34,800	3960	.76	.90	1.00
	625	1325	12.7	43,500	3270	.76	.89	1.00	12.1	41,300	3480	.78	.92	1.00	11.4	39,000	3750	.81	.95	1.00	10.8	36,700	4070	.84	.98	1.00
	755	1600	13.3	45,300	3310	.82	.96	1.00	12.6	43,000	3540	.84	.98	1.00	12.0	40,800	3820	.87	1.00	1.00	11.3	38,600	4180	.91	1.00	1.00
67°F (19.4°C)	495	1050	12.8	43,600	3270	.56	.66	.75	12.2	41,500	3490	.57	.67	.77	11.5	39,300	3760	.58	.68	.79	10.8	36,900	4080	.60	.70	.82
	625	1325	13.5	46,000	3330	.59	.70	.82	12.8	43,600	3560	.61	.72	.85	12.1	41,300	3840	.62	.74	.88	11.3	38,700	4180	.63	.77	.91
	755	1600	14.0	47,700	3370	.62	.75	.89	13.3	45,300	3610	.64	.77	.92	12.5	42,500	3900	.65	.80	.95	11.7	39,900	4250	.67	.84	.98
71°F (21.7°C)	495	1050	13.5	46,000	3330	.43	.52	.61	12.9	43,900	3570	.44	.53	.62	12.2	41,600	3860	.44	.54	.63	11.5	39,100	4210	.45	.55	.65
	625	1325	14.2	48,500	3390	.44	.55	.65	13.5	46,100	3640	.45	.56	.67	12.8	43,600	3940	.46	.57	.69	12.0	40,900	4300	.46	.59	.71
	755	1600	14.7	50,300	3430	.46	.58	.69	14.0	47,700	3690	.47	.59	.71	13.2	45,000	4000	.48	.61	.74	12.3	42,000	4370	.49	.63	.77

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

HS19-461-463 — CB21V-51 — CBH21V-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)	685	1450	13.3	45,500	3320	.80	.91	1.00	12.7	43,200	3560	.81	.94	1.00	11.9	40,700	3850	.84	.97	1.00	11.2	38,200	4200	.87	.99	1.00
	755	1600	13.7	46,600	3340	.82	.94	1.00	13.0	44,200	3590	.85	.97	1.00	12.2	41,700	3880	.87	.99	1.00	11.5	39,200	4260	.90	1.00	1.00
	825	1750	13.9	47,500	3370	.85	.97	1.00	13.2	45,100	3610	.87	.99	1.00	12.5	42,600	3920	.90	1.00	1.00	11.8	40,200	4310	.93	1.00	1.00
67°F (19.4°C)	685	1450	14.2	48,300	3380	.63	.74	.85	13.4	45,700	3640	.64	.76	.88	12.6	43,000	3940	.65	.78	.90	11.8	40,300	4310	.67	.81	.94
	755	1600	14.4	49,200	3400	.64	.76	.88	13.6	46,500	3660	.66	.79	.91	12.9	43,900	3970	.67	.81	.94	12.0	41,100	4350	.69	.84	.97
	825	1750	14.7	50,000	3420	.66	.79	.91	13.8	47,200	3690	.67	.81	.94	13.1	44,600	4000	.69	.84	.97	12.2	41,500	4390	.71	.87	1.00
71°F (21.7°C)	685	1450	14.9	50,800	3440	.47	.58	.69	14.1	48,200	3710	.48	.59	.71	13.3	45,400	4040	.48	.61	.73	12.4	42,400	4440	.49	.62	.75
	755	1600	15.1	51,700	3470	.48	.60	.71	14.3	48,900	3740	.49	.61	.73	13.5	46,100	4070	.49	.63	.75	12.7	43,200	4470	.51	.64	.78
	825	1750	15.4	52,600	3480	.49	.61	.74	14.6	49,800	3760	.50	.63	.76	13.7	46,900	4100	.50	.64	.78	12.8	43,800	4500	.52	.66	.82

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

HS19-511-513 — CR22-41/B24

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)	355	750	11.8	40,300	3220	.61	.74	.83	11.3	38,700	3470	.62	.75	.85	10.8	36,900	3730	.63	.76	.87	10.3	35,200	3970	.64	.77	.89
	495	1050	13.2	45,000	3310	.67	.79	.92	12.6	43,100	3580	.68	.80	.94	12.0	41,100	3850	.69	.82	.97	11.4	39,000	4110	.71	.84	.99
	635	1350	14.1	48,000	3370	.72	.84	1.00	13.5	46,000	3650	.73	.86	1.00	12.8	43,800	3930	.75	.88	1.00	12.2	41,500	4200	.77	.91	1.00
67°F (19.4°C)	355	750	12.5	42,700	3260	.48	.62	.71	12.0	41,000	3540	.49	.63	.72	11.5	39,300	3790	.50	.63	.74	11.0	37,500	4050	.50	.64	.75
	495	1050	14.0	47,700	3370	.52	.65	.78	13.4	45,700	3640	.52	.66	.79	12.8	43,700	3930	.53	.67	.81	12.2	41,600	4200	.54	.69	.83
	635	1350	14.9	50,800	3430	.55	.69	.85	14.3	48,700	3720	.56	.70	.87	13.6	46,500	4010	.57	.72	.89	13.0	44,200	4290	.58	.73	.91
71°F (21.7°C)	355	750	13.2	45,200	3310	.37	.51	.60	12.7	43,500	3590	.37	.51	.61	12.2	41,700	3870	.37	.52	.62	11.7	39,800	4140	.37	.52	.63
	495	1050	14.7	50,300	3420	.38	.53	.65	14.2	48,300	3710	.38	.53	.66	13.5	46,200	4000	.38	.54	.67	12.9	44,000	4290	.39	.55	.68
	635	1350	15.7	53,600	3490	.39	.55	.70	15.1	51,500	3790	.40	.56	.71	14.4	49,200	4090	.40	.57	.73	13.7	46,900	4380	.40	.58	.74

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

HS19-511-513 — C22-41FC/B24 — 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)	425	900	12.6	43,100	3260	.64	.77	.87	12.1	41,400	3520	.65	.78	.88	11.6	39,600	3770	.66	.79	.90	11.1	37,800	4020	.67	.81	.92
	565	1200	13.7	46,900	3350	.69	.82	.95	13.1	44,800	3610	.70	.84	.97	12.5	42,800	3870	.71	.85	1.00	11.9	40,700	4140	.73	.87	1.00
	710	1500	14.5	49,400	3400	.74	.87	1.00	13.8	47,200	3670	.75	.89	1.00	13.2	45,000	3940	.77	.91	1.00	12.5	42,700	4210	.79	.94	1.00
67°F (19.4°C)	425	900	13.4	45,700	3320	.50	.64	.74	12.9	44,000	3590	.51	.64	.75	12.4	42,200	3850	.51	.65	.77	11.8	40,200	4110	.52	.66	.78
	565	1200	14.5	49,600	3410	.53	.67	.81	14.0	47,600	3680	.54	.68	.82	13.3	45,500	3960	.55	.70	.84	12.7	43,300	4240	.56	.71	.86
	710	1500	15.3	52,300	3460	.56	.71	.87	14.7	50,100	3750	.57	.72	.89	14.0	47,800	4030	.58	.74	.91	13.3	45,500	4320	.59	.76	.93
71°F (21.7°C)	425	900	14.2	48,300	3380	.38	.52	.62	13.6	46,400	3650	.38	.52	.63	13.0	44,500	3930	.38	.53	.64	12.5	42,600	4200	.39	.53	.65
	565	1200	15.3	52,300	3460	.39	.54	.67	14.7	50,100	3750	.39	.55	.68	14.1	48,000	4040	.40	.55	.69	13.4	45,800	4330	.40	.56	.71
	710	1500	16.1	55,100	3520	.40	.56	.72	15.5	52,800	3820	.41	.57	.73	14.8											

RATINGS

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

HS19-511-513 — CH22-41/B24

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)	520	1100	13.2	45,100	3310	.67	.80	.92	12.7	43,300	3570	.68	.82	.94	12.1	41,300	3840	.69	.84	.96	11.5	39,400	4090	.70	.85	.98
	615	1300	13.8	47,200	3360	.70	.84	.97	13.3	45,300	3630	.71	.86	.99	12.7	43,200	3900	.73	.87	1.00	12.0	41,000	4160	.74	.90	1.00
	710	1500	14.3	48,900	3400	.73	.87	1.00	13.7	46,800	3670	.75	.89	1.00	13.1	44,700	3940	.76	.91	1.00	12.4	42,400	4210	.78	.94	1.00
67°F (19.4°C)	520	1100	13.9	47,300	3360	.53	.66	.78	13.3	45,400	3640	.53	.67	.80	12.7	43,500	3910	.54	.69	.81	12.2	41,500	4180	.55	.70	.83
	615	1300	14.5	49,600	3410	.55	.69	.82	14.0	47,600	3690	.55	.70	.84	13.3	45,500	3970	.56	.71	.86	12.7	43,400	4250	.57	.73	.88
	710	1500	15.1	51,400	3450	.56	.72	.86	14.4	49,300	3740	.57	.73	.88	13.8	47,100	4020	.58	.74	.90	13.1	44,800	4310	.59	.76	.92
71°F (21.7°C)	520	1100	14.5	49,500	3410	.39	.53	.66	13.9	47,500	3690	.40	.54	.67	13.3	45,500	3970	.40	.55	.68	12.7	43,500	4250	.40	.55	.69
	615	1300	15.2	51,900	3460	.40	.55	.69	14.6	49,800	3750	.40	.56	.70	14.0	47,700	4040	.41	.57	.71	13.3	45,500	4330	.41	.58	.72
	710	1500	15.7	53,600	3500	.41	.57	.72	15.1	51,500	3800	.41	.58	.73	14.4	49,300	4090	.42	.59	.74	13.8	47,000	4390	.42	.60	.76

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

HS19-511-513 — C23-46(FC) — C24-46FC/B24

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)	520	1100	13.0	44,200	3310	.66	.80	.90	12.4	42,400	3580	.67	.81	.92	11.9	40,600	3840	.68	.82	.94	11.3	38,600	4100	.69	.84	.96
	660	1400	13.8	47,200	3370	.70	.84	.98	13.3	45,300	3650	.72	.86	1.00	12.7	43,300	3920	.73	.88	1.00	12.1	41,200	4190	.75	.90	1.00
	800	1700	14.5	49,400	3420	.75	.89	1.00	13.9	47,300	3700	.76	.91	1.00	13.2	45,200	3980	.78	.93	1.00	12.5	42,800	4250	.80	.96	1.00
67°F (19.4°C)	520	1100	13.6	46,500	3360	.52	.66	.77	13.1	44,600	3630	.53	.67	.78	12.5	42,800	3900	.53	.68	.80	11.9	40,700	4180	.54	.69	.81
	660	1400	14.6	49,700	3430	.55	.69	.83	14.0	47,700	3710	.56	.70	.84	13.4	45,600	3990	.56	.72	.86	12.7	43,400	4270	.57	.73	.88
	800	1700	15.2	52,000	3470	.58	.73	.89	14.6	49,800	3760	.58	.74	.90	14.0	47,600	4050	.59	.76	.93	13.3	45,300	4340	.60	.77	.95
71°F (21.7°C)	520	1100	14.2	48,500	3400	.39	.54	.65	13.7	46,800	3680	.39	.54	.66	13.1	44,800	3970	.40	.55	.67	12.5	42,800	4250	.40	.55	.68
	660	1400	15.2	51,900	3470	.40	.56	.69	14.6	49,800	3760	.41	.56	.70	14.0	47,800	4060	.41	.57	.71	13.4	45,600	4350	.41	.58	.73
	800	1700	15.9	54,300	3520	.41	.58	.73	15.3	52,100	3820	.42	.58	.75	14.6	49,900	4120	.42	.59	.76	13.9	47,500	4420	.43	.61	.78

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

HS19-511-513 — C23-51(FC) — C24-51FC/B24 — CH24-51/B24

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	13.9	47,300	3380	.68	.82	.93	13.3	45,400	3650	.69	.83	.95	12.7	43,400	3920	.70	.85	.97	12.1	41,300	4190	.72	.87	.99
	755	1600	14.6	49,800	3430	.72	.86	1.00	14.0	47,700	3710	.73	.88	1.00	13.3	45,500	3990	.75	.90	1.00	12.7	43,200	4270	.76	.93	1.00
	895	1900	15.1	51,600	3470	.76	.91	1.00	14.5	49,400	3760	.78	.93	1.00	13.7	46,900	4040	.79	.95	1.00	13.1	44,700	4320	.81	.97	1.00
67°F (19.4°C)	615	1300	14.5	49,500	3430	.54	.68	.80	14.0	47,700	3710	.54	.69	.81	13.4	45,600	4000	.55	.70	.82	12.7	43,400	4280	.56	.71	.84
	755	1600	15.3	52,300	3480	.56	.71	.85	14.7	50,200	3780	.57	.72	.86	14.1	48,000	4070	.58	.74	.88	13.4	45,700	4360	.59	.75	.90
	895	1900	15.9	54,400	3530	.59	.74	.90	15.2	51,800	3830	.60	.76	.92	14.5	49,600	4130	.60	.77	.94	13.8	47,200	4420	.62	.79	.96
71°F (21.7°C)	615	1300	15.2	51,900	3480	.40	.54	.67	14.6	49,800	3770	.41	.55	.68	14.0	47,600	4070	.41	.56	.69	13.3	45,500	4360	.41	.57	.70
	755	1600	16.0	54,700	3530	.41	.57	.71	15.4	52,500	3830	.42	.57	.72	14.7	50,200	4140	.42	.58	.73	14.0	47,900	4440	.42	.59	.75
	895	1900	16.6	56,700	3580	.42	.59	.75	15.9	54,400	3890	.43	.60	.76	15.2	52,000	4200	.43	.61	.77	14.5	49,500	4510	.43	.62	.79

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

HS19-511-513 — CR18-51

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)	565	1200	13.6	46,300	3600	.67	.81	.94	13.0	44,300	3890	.68	.83	.96	12.4	42,200	4170	.70	.85	.98	11.8	40,200	4450	.71	.87	1.00
	660	1400	14.1	48,000	3640	.70	.85	.99	13.4	45,900	3940	.72	.87	1.00	12.8	43,800	4220	.73	.89	1.00	12.2	41,600	4510	.75	.91	1.00
	755	1600	14.4	49,300	3680	.74	.89	1.00	13.9	47,300	3980	.75	.91	1.00	13.2	45,100	4270	.77	.93	1.00	12.6	42,900	4560	.79	.95	1.00
67°F (19.4°C)	565	1200	14.4	49,000	3670	.53	.67	.79	13.8	47,000	3970	.53	.68	.80	13.2	44,900	4270	.54	.69	.82	12.5	42,800	4560	.55	.70	.84
	660	1400	14.9	50,900	3710	.55	.69	.83	14.3	48,800	4020	.55	.70	.85	13.7	46,600	4320	.56	.72	.87	13.0	44,300	4620	.57	.73	.89
	755	1600	15.4	52,400	3750	.56	.71	.87	14.7	50,200	4060	.57	.73	.89	14.0	47,900	4370	.58	.74	.91	13.3	45,500	4670	.59	.76	.94
71°F (21.7°C)	565	1200	15.1	51,700	3730	.39	.54	.66	14.6	49,700	4040	.40	.54	.67	13.9	47,500	4350	.40	.55	.68	13.3	45,300	4660	.40	.56	.69
	660	1400	15.7	53,600	3780	.40	.55	.69	15.1	51,500	4090	.40	.56	.70	14.4	49,300	4410	.41	.57							

RATINGS

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

HS19-511-513 — CVP10-51/EC10Q4 — 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	75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh	75°F 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	14.4	49,100	3690	.71	.86	1.00	13.7	46,900	3990	.73	.88	1.00	13.1	44,800	4290	.74	.90	1.00	12.5	42,500	4580	.75	.93	1.00
	755	1600	14.8	50,500	3730	.74	.90	1.00	14.2	48,300	4030	.76	.92	1.00	13.5	46,000	4340	.77	.95	1.00	12.8	43,800	4630	.79	.97	1.00
	850	1800	15.1	51,600	3760	.77	.94	1.00	14.5	49,600	4070	.79	.96	1.00	13.8	47,200	4380	.81	.98	1.00	13.2	44,900	4690	.82	1.00	1.00
67°F (19.4°C)	660	1400	15.3	52,100	3770	.56	.70	.84	14.6	49,900	4080	.57	.71	.85	13.9	47,600	4390	.57	.73	.87	13.2	45,200	4700	.58	.74	.89
	755	1600	15.7	53,500	3800	.58	.72	.88	15.0	51,200	4120	.58	.74	.90	14.3	48,900	4430	.59	.76	.92	13.6	46,400	4750	.60	.78	.94
	850	1800	16.0	54,600	3830	.59	.75	.92	15.3	52,300	4150	.60	.77	.94	14.6	49,800	4470	.61	.79	.96	13.8	47,200	4790	.62	.82	.99
71°F (21.7°C)	660	1400	16.2	55,200	3840	.42	.55	.70	15.5	52,900	4160	.42	.56	.71	14.8	50,600	4490	.42	.57	.72	14.1	48,100	4820	.43	.58	.73
	755	1600	16.6	56,700	3870	.42	.57	.72	15.9	54,300	4200	.43	.58	.74	15.2	51,800	4530	.43	.59	.75	14.4	49,300	4860	.43	.60	.76
	850	1800	17.0	57,900	3900	.43	.59	.75	16.2	55,400	4230	.43	.60	.77	15.5	52,800	4570	.44	.61	.78	14.7	50,200	4900	.44	.63	.80

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

HS19-511-513 — CR22-51/B24

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	13.7	46,700	3380	.68	.82	.93	13.1	44,800	3660	.69	.83	.95	12.5	42,800	3940	.70	.85	.97	12.0	40,800	4220	.71	.86	.99
	710	1500	14.6	49,700	3440	.72	.87	1.00	13.9	47,500	3730	.73	.88	1.00	13.3	45,300	4020	.75	.90	1.00	12.6	43,100	4300	.76	.93	1.00
	850	1800	15.2	51,800	3480	.76	.92	1.00	14.5	49,600	3780	.78	.94	1.00	13.8	47,000	4070	.80	.96	1.00	13.1	44,800	4370	.82	.98	1.00
67°F (19.4°C)	565	1200	14.4	49,200	3430	.54	.67	.79	13.8	47,100	3720	.54	.68	.81	13.2	45,000	4010	.55	.69	.82	12.6	42,900	4300	.56	.71	.84
	710	1500	15.3	52,100	3490	.56	.71	.85	14.7	50,000	3790	.57	.72	.87	14.0	47,700	4090	.58	.74	.88	13.3	45,400	4390	.59	.75	.90
	850	1800	16.0	54,500	3540	.59	.75	.90	15.3	52,100	3840	.60	.76	.92	14.6	49,700	4150	.61	.78	.94	13.8	47,100	4460	.62	.80	.97
71°F (21.7°C)	565	1200	15.0	51,200	3470	.40	.54	.67	14.4	49,200	3770	.41	.55	.68	13.8	47,000	4070	.41	.56	.69	13.2	45,000	4370	.41	.56	.70
	710	1500	15.9	54,400	3540	.41	.57	.71	15.3	52,200	3850	.42	.57	.72	14.6	49,900	4160	.42	.58	.73	13.9	47,500	4470	.42	.59	.75
	850	1800	16.6	56,800	3590	.42	.59	.75	15.9	54,400	3910	.43	.60	.76	15.2	52,000	4230	.43	.61	.78	14.5	49,500	4540	.44	.62	.79

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

HS19-511-513 — C22-46FC/B24 — 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					
63°F (17.2°C)	520	1100	13.9	47,500	3350	.66	.80	.91	13.3	45,500	3620	.67	.81	.92	12.8	43,600	3890	.68	.83	.94	12.2	41,500	4150	.70	.84	.96
	660	1400	14.9	50,800	3420	.71	.85	.98	14.3	48,700	3700	.72	.86	1.00	13.6	46,400	3980	.73	.88	1.00	13.0	44,200	4250	.75	.91	1.00
	800	1700	15.6	53,300	3470	.75	.90	1.00	14.9	50,900	3760	.77	.92	1.00	14.2	48,500	4040	.78	.94	1.00	13.5	45,900	4320	.80	.96	1.00
67°F (19.4°C)	520	1100	14.6	49,800	3400	.52	.66	.78	14.1	48,000	3680	.53	.67	.79	13.5	45,900	3960	.54	.68	.80	12.8	43,700	4230	.54	.69	.82
	660	1400	15.6	53,300	3470	.55	.70	.83	15.0	51,100	3760	.56	.71	.85	14.3	48,900	4050	.57	.72	.87	13.6	46,500	4340	.58	.74	.88
	800	1700	16.4	55,900	3520	.58	.73	.89	15.7	53,600	3820	.59	.75	.91	15.0	51,100	4120	.60	.76	.93	14.2	48,600	4420	.61	.78	.95
71°F (21.7°C)	520	1100	15.2	52,000	3450	.39	.53	.65	14.6	49,900	3730	.40	.54	.66	14.0	47,900	4020	.40	.55	.67	13.4	45,700	4310	.40	.55	.68
	660	1400	16.3	55,600	3520	.41	.56	.70	15.6	53,300	3820	.41	.57	.71	14.9	51,000	4120	.41	.57	.72	14.3	48,700	4420	.41	.58	.73
	800	1700	17.1	58,200	3570	.42	.58	.74	16.4	56,000	3880	.42	.59	.75	15.7	53,500	4190	.42	.60	.76	14.9	50,900	4500	.43	.61	.78

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

HS19-511-513 — 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	75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh	75°F 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	49,600	3640	.68	.82	.93	13.9	47,400	3930	.69	.83	.95	13.1	44,700	4220	.71	.85	.98	12.5	42,600	4500	.72	.87	1.00
	755	1600	15.3	52,100	3700	.72	.86	1.00	14.5	49,600	4150	.74	.88	1.00	13.8	47,000	4290	.75	.90	1.00	13.1	44,600	4580	.77	.92	1.00
	895	1900	15.8	53,800	3740	.76	.91	1.00	15.0	51,200	4050	.78	.93	1.00	14.2	48,500	4340	.80	.96	1.00	13.5	46,200	4640	.82	.97	1.00
67°F (19.4°C)	615	1300	15.5	52,900	3720	.53	.68	.79	14.7	50,300	4020	.54	.69	.81	14.0	47,800	4320	.55	.70	.82	13.2	45,000	4610	.56	.71	.84
	755	1600	16.2	55,300	3770	.56	.71	.85	15.4	52,600	4080	.57	.72	.86	14.7	50,300	4400	.58	.74	.88	13.8	47,100	4690	.59	.75	.91
	895	1900	16.8	57,300	3810	.58	.74	.90	15.9	54,200	4130	.60	.76	.92	15.2	51,900	4450	.62	.79	.94	14.3	48,700	4750	.62	.79	.97
71°F (21.7°C)	615	1300	16.4	55,900	3790	.40	.54	.66	15.7	53,600	4110	.40	.55	.67	14.9	51,000	4420	.41	.56	.68	14.2	48,300	4730	.41	.56	.70
	755	1600	17.1	58,400	3840	.41	.57	.70	16.3	55,600	4170	.41	.57	.72	15.5	52,900	4490	.42	.58	.73	14.7	50,200	4810	.42	.59	.75
	895	1900	17.7	60,300	3880	.42	.59	.74	16.8	57,400	4220	.42	.60	.76												

RATINGS

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

HS19-511-513 — C23-65(FC) — C24-65FC/B24

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)								
						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	3390	.69	.83	.94	13.5	45,900	3670	.70	.84	.96	12.9	43,900	3940	.71	.86	.98	12.3	41,900	4210	.72	.88	1.00
	755	1600	14.8	50,500	3450	.73	.87	1.00	14.2	48,400	3730	.74	.89	1.00	13.5	46,100	4010	.76	.91	1.00	12.8	43,800	4290	.77	.94	1.00
	895	1900	15.3	52,300	3490	.77	.92	1.00	14.7	50,000	3780	.79	.94	1.00	14.0	47,600	4060	.80	.97	1.00	13.3	45,300	4350	.82	.99	1.00
67°F (19.4°C)	615	1300	14.7	50,300	3440	.54	.68	.80	14.2	48,300	3730	.55	.69	.82	13.5	46,200	4020	.56	.70	.83	12.9	44,000	4300	.56	.72	.85
	755	1600	15.5	53,000	3500	.57	.72	.86	14.9	50,900	3790	.57	.73	.87	14.3	48,700	4090	.58	.74	.89	13.6	46,300	4380	.59	.76	.91
	895	1900	16.2	55,200	3540	.59	.75	.91	15.5	52,800	3850	.60	.76	.93	14.7	50,300	4150	.61	.78	.95	14.0	47,800	4450	.62	.80	.97
71°F (21.7°C)	615	1300	15.4	52,600	3490	.41	.55	.68	14.8	50,500	3790	.41	.56	.69	14.2	48,300	4080	.41	.56	.70	13.5	46,100	4380	.42	.57	.71
	755	1600	16.2	55,400	3550	.42	.57	.72	15.6	53,100	3860	.42	.58	.73	14.9	51,000	4160	.42	.59	.74	14.2	48,600	4470	.43	.60	.75
	895	1900	16.9	57,500	3600	.43	.59	.75	16.1	55,100	3910	.43	.60	.77	15.5	52,800	4220	.43	.61	.78	14.7	50,200	4540	.44	.62	.80

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

HS19-511-513 — CH24-65/B24

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)								
						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	14.3	48,900	3400	.70	.83	.95	13.7	46,800	3680	.71	.85	.97	13.1	44,700	3960	.72	.87	.99	12.5	42,600	4230	.73	.89	1.00
	730	1550	15.0	51,100	3450	.73	.88	1.00	14.3	48,900	3730	.74	.90	1.00	13.7	46,600	4020	.76	.92	1.00	13.0	44,300	4290	.77	.94	1.00
	850	1800	15.4	52,700	3490	.77	.92	1.00	14.8	50,400	3780	.78	.94	1.00	14.1	48,200	4060	.80	.96	1.00	13.4	45,600	4350	.82	.98	1.00
67°F (19.4°C)	615	1300	15.0	51,300	3460	.55	.69	.82	14.4	49,200	3740	.55	.70	.83	13.8	47,000	4030	.56	.71	.84	13.1	44,800	4320	.57	.73	.86
	730	1550	15.7	53,700	3500	.57	.72	.86	15.1	51,400	3800	.58	.73	.88	14.4	49,100	4100	.59	.75	.89	13.7	46,700	4390	.60	.76	.92
	850	1800	16.2	55,400	3540	.59	.75	.91	15.6	53,100	3840	.60	.76	.92	14.9	50,700	4150	.61	.78	.95	14.1	48,200	4440	.62	.80	.97
71°F (21.7°C)	615	1300	15.7	53,700	3500	.41	.55	.68	15.1	51,400	3800	.41	.56	.70	14.4	49,200	4100	.42	.57	.71	13.7	46,900	4400	.42	.58	.72
	730	1550	16.4	56,000	3550	.42	.57	.72	15.8	53,800	3860	.42	.58	.73	15.1	51,400	4170	.43	.59	.74	14.4	49,000	4470	.43	.60	.76
	850	1800	16.9	57,800	3600	.43	.59	.75	16.3	55,500	3910	.43	.60	.76	15.5	53,000	4220	.43	.61	.78	14.8	50,500	4530	.44	.62	.80

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

HS19-511-513 — C22-51FC/B24 — C26-51(FC) — CH22-51/B24

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)								
						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	14.2	48,600	3410	.69	.83	.95	13.6	46,500	3680	.71	.85	.97	13.1	44,600	3960	.72	.87	.99	12.4	42,400	4230	.73	.89	1.00
	755	1600	15.0	51,200	3460	.74	.89	1.00	14.4	49,000	3750	.75	.90	1.00	13.7	46,800	4030	.76	.93	1.00	13.0	44,500	4310	.78	.95	1.00
	895	1900	15.5	53,000	3500	.78	.94	1.00	14.9	50,800	3790	.79	.96	1.00	14.2	48,400	4090	.81	.98	1.00	13.5	46,100	4380	.83	1.00	1.00
67°F (19.4°C)	615	1300	14.9	51,000	3460	.55	.69	.81	14.4	49,000	3740	.55	.70	.83	13.7	46,700	4030	.56	.71	.84	13.1	44,600	4320	.57	.72	.86
	755	1600	15.7	53,700	3520	.57	.72	.87	15.1	51,500	3810	.58	.74	.88	14.4	49,300	4110	.59	.75	.90	13.7	46,900	4410	.60	.77	.92
	895	1900	16.4	55,800	3560	.60	.76	.92	15.6	53,400	3860	.61	.78	.94	14.9	50,900	4170	.62	.79	.96	14.2	48,400	4470	.63	.81	.99
71°F (21.7°C)	615	1300	15.6	53,200	3500	.41	.55	.68	15.0	51,100	3800	.41	.56	.69	14.3	48,900	4100	.42	.57	.71	13.7	46,600	4400	.42	.58	.72
	755	1600	16.4	56,000	3570	.42	.58	.72	15.7	53,700	3870	.43	.58	.74	15.1	51,400	4180	.43	.59	.75	14.4	49,100	4490	.43	.60	.76
	895	1900	17.1	58,200	3610	.43	.60	.76	16.4	55,800	3930	.44	.61	.78	15.6	53,300	4240	.44	.62	.79	14.9	50,700	4560	.44	.63	.81

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

HS19-511-513 — C22-65FC/B24 — C26-65(FC) — C26-65(FC)EAP — CR22-65/B24 — CH22-65/B24

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)								
						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	14.3	48,800	3450	.69	.83	.95	13.7	46,700	3730	.70	.85	.97	13.1	44,600	4010	.72	.87	.99	12.4	42,300	4280	.73	.89	1.00
	755	1600	15.0	51,200	3500	.74	.88	1.00	14.4	49,000	3790	.75	.90	1.00	13.6	46,400	4080	.77	.93	1.00	13.0	44,400	4360	.78	.95	1.00
	895	1900	15.5	52,900	3540	.78	.94	1.00	14.8	50,500	3830	.79	.96	1.00	14.1	48,000	4130	.81	.98	1.00	13.4	45,800	4420	.83	1.00	1.00
67°F (19.4°C)	615	1300	15.1	51,600	3510	.55	.68	.81	14.5	49,400	3800	.55	.69	.82	13.8	47,200	4100	.56	.71	.84	13.2	44,900	4390	.57	.72	.86
	755	1600	15.9	54,200	3560	.57	.72	.86	15.2	51,900	3870	.58	.73	.88	14.5	49,600	4170	.59	.75	.90	13.8	47,100	4470	.60	.77	.92
	895	1900	16.4	55,900	3600	.60	.76	.92	15.7	53,500	3910	.61	.78	.94	14.9	51,000	4220	.62	.80	.96	14.2	48,400	4530	.63	.82	.99
71°F (21.7°C)	615	1300	15.9	54,300	3570	.41	.55	.68	15.3	52,100	3880	.41	.56	.69	14.6	49,800	4190	.42	.56	.70	13.9	47,500	4490	.42	.57	.71
	755	1600	16.7	57,000	3620	.42	.57	.72	16.0	54,600	3940	.42	.58	.73	15.3	52,200	4260	.43	.59	.74	14.6	49,700	4570	.43	.60	.76
	895	1900	17.3	58,900	3670	.43	.59	.76	16.5	56,300	3990	.43	.61	.77	15.7	53,700	4310	.44	.62	.79	15.0	51,100	4630	.44	.63	.81

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.

HS19-511-513 — CH19-51

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	14.2	48,400	3700	.72	.87	1.00	13.6	46,400	4010	.73	.89	1.00	13.0	44,300	4300	.74	.91	1.00	12.3	42,100	4600	.76	.93	1.00
	755	1600	14.7	50,000	3740	.75	.91	1.00	14.0	47,900	4050	.76	.93	1.00	13.4	45,600	4350	.78	.95	1.00	12.7	43,400	4660	.79	.97	1.00
	850	1800	15.0	51,300	3770	.78	.95	1.00	14.4	49,000	4080	.79	.97	1.00	13.8	47,000	4400	.81	.98	1.00	13.1	44,700	4710	.83	1.00	1.00
67°F (19.4°C)	660	1400	15.1	51,400	3770	.56	.70	.84	14.4	49,200	4080	.57	.71	.86	13.8	47,100	4400	.58	.73	.88	13.1	44,700	4710	.59	.75	.90
	755	1600	15.5	52,900	3810	.58	.73	.88	14.8	50,600	4120	.59	.75	.90	14.1	48,200	4440	.60	.76	.92	13.4	45,800	4760	.61	.78	.95
	850	1800	15.8	54,000	3830	.60	.76	.92	15.1	51,700	4160	.61	.78	.94	14.4	49,300	4480	.62	.80	.97	13.7	46,700	4800	.63	.82	.99
71°F (21.7°C)	660	1400	15.9	54,200	3840	.42	.55	.70	15.2	52,000	4160	.42	.56	.71	14.6	49,700	4490	.42	.57	.72	13.9	47,300	4820	.43	.58	.74
	755	1600	16.3	55,700	3870	.43	.58	.73	15.6	53,400	4200	.43	.58	.74	14.9	51,000	4540	.43	.59	.75	14.2	48,500	4870	.44	.61	.77
	850	1800	16.7	56,900	3900	.43	.59	.76	16.0	54,500	4240	.44	.60	.77	15.2	52,000	4570	.44	.62	.79	14.5	49,500	4910	.44	.63	.80

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

HS19-511-513 — CR18-65

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	14.2	48,600	3660	.70	.85	.98	13.6	46,500	3950	.72	.87	1.00	13.0	44,400	4250	.73	.89	1.00	12.4	42,300	4530	.74	.91	1.00
	755	1600	14.7	50,000	3690	.73	.89	1.00	14.0	47,900	3990	.75	.91	1.00	13.4	45,800	4290	.76	.93	1.00	12.7	43,500	4590	.78	.95	1.00
	850	1800	15.1	51,400	3720	.76	.92	1.00	14.4	49,200	4030	.78	.94	1.00	13.7	46,700	4330	.79	.96	1.00	13.1	44,600	4630	.81	.98	1.00
67°F (19.4°C)	660	1400	15.1	51,600	3730	.55	.69	.83	14.5	49,400	4040	.56	.70	.84	13.8	47,200	4340	.57	.72	.86	13.1	44,800	4640	.57	.73	.88
	755	1600	15.6	53,100	3760	.57	.72	.86	14.9	50,800	4070	.58	.73	.88	14.2	48,500	4390	.58	.75	.90	13.5	46,000	4690	.59	.77	.93
	850	1800	15.9	54,400	3790	.59	.74	.90	15.2	51,900	4110	.59	.76	.92	14.5	49,500	4420	.60	.78	.95	13.8	47,000	4730	.61	.80	.97
71°F (21.7°C)	660	1400	15.9	54,400	3790	.41	.55	.69	15.3	52,200	4110	.41	.56	.70	14.6	49,900	4430	.42	.57	.71	13.9	47,500	4750	.42	.58	.72
	755	1600	16.4	56,000	3830	.42	.57	.71	15.7	53,700	4150	.42	.58	.73	15.0	51,300	4480	.42	.59	.74	14.3	48,800	4810	.43	.60	.75
	850	1800	16.8	57,300	3860	.42	.58	.74	16.1	54,900	4190	.43	.59	.75	15.4	52,400	4520	.43	.60	.77	14.6	49,800	4850	.44	.62	.79

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

HS19-511-513 — 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	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	13.9	47,500	3590	.72	.85	.97	13.3	45,500	3890	.73	.87	.98	12.7	43,400	4190	.75	.89	1.00	12.1	41,300	4490	.76	.91	1.00
	755	1600	14.4	49,300	3640	.76	.91	1.00	13.8	47,200	3940	.78	.93	1.00	13.2	45,100	4250	.80	.95	1.00	12.6	43,000	4570	.82	.97	1.00
	895	1900	14.9	50,900	3670	.81	.96	1.00	14.3	48,800	3990	.83	.98	1.00	13.7	46,700	4310	.85	.99	1.00	13.1	44,600	4640	.87	1.00	1.00
67°F (19.4°C)	615	1300	14.9	50,700	3670	.56	.69	.82	14.2	48,500	3980	.57	.70	.83	13.6	46,300	4300	.58	.72	.85	12.9	44,100	4620	.59	.73	.87
	755	1600	15.4	52,400	3710	.59	.74	.88	14.7	50,100	4030	.60	.75	.90	14.0	47,800	4350	.61	.77	.92	13.3	45,500	4670	.62	.79	.94
	895	1900	15.7	53,600	3730	.62	.79	.93	15.0	51,300	4060	.63	.80	.95	14.3	48,900	4390	.64	.82	.97	13.6	46,500	4720	.66	.85	.99
71°F (21.7°C)	615	1300	15.9	54,400	3750	.42	.54	.66	15.3	52,100	4080	.43	.55	.68	14.6	49,700	4420	.43	.56	.69	13.9	47,300	4760	.43	.57	.71
	755	1600	16.4	56,000	3780	.43	.57	.71	15.7	53,600	4120	.44	.58	.73	15.0	51,200	4470	.44	.59	.75	14.3	48,700	4820	.44	.61	.77
	895	1900	16.8	57,200	3810	.44	.60	.76	16.0	54,700	4150	.45	.62	.78	15.3	52,200	4500	.45	.63	.80	14.5	49,600	4850	.46	.64	.82

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

HS19-511-513 — CB19-51 — CBH19-51

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	14.5	49,400	3700	.72	.87	1.00	13.9	47,300	4000	.73	.89	1.00	13.2	45,100	4300	.74	.91	1.00	12.6	42,900	4590	.76	.93	1.00
	755	1600	14.9	50,800	3730	.75	.91	1.00	14.3	48,700	4040	.76	.93	1.00	13.6	46,400	4350	.78	.95	1.00	12.9	44,100	4650	.79	.97	1.00
	850	1800	15.3	52,100	3760	.78	.95	1.00	14.6	49,800	4080	.79	.97	1.00	14.0	47,700	4390	.81	.99	1.00	13.3	45,400	4700	.83	1.00	1.00
67°F (19.4°C)	660	1400	15.3	52,300	3770	.56	.70	.84	14.7	50,100	4080	.57	.72	.86	14.0	47,900	4390	.58	.73	.88	13.3	45,500	4700	.59	.75	.90
	755	1600	15.8	53,800	3800	.58	.73	.88	15.1	51,400	4120	.59	.75	.90	14.4	49,000	4440	.60	.76	.92	13.7	46,600	4750	.61	.79	.95
	850	1800	16.1	54,900	3830	.60	.76	.92	15.4	52,500	4150	.61	.78	.95	14.7	50,000	4470	.62	.80	.97	13.9	47,500	4790	.63	.82	.99
71°F (21.7°C)	660	1400	16.2	55,200	3830	.42	.56	.70	15.5	52,800	4160	.42	.56	.71	14.8	50,500	4490	.42	.57	.72	14.1	48,100	4810	.43	.58	.74
	755	1600	16.6	56,700	3870	.43	.58	.73	15.9	54,200	4200	.43	.58	.74	15.2	51,800	4530	.43	.60	.76	14.4	49,300	4860	.44	.61	.77
	850	1800	17.0																							

RATINGS

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

HS19-511-513 — CB21V-51 — CBH21V-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)	685	1450	15.0	51,300	3720	.71	.86	1.00	14.3	48,900	4020	.73	.88	1.00	13.7	46,700	4330	.74	.90	1.00	13.0	44,300	4630	.76	.93	1.00
	780	1650	15.4	52,600	3750	.74	.90	1.00	14.7	50,300	4060	.76	.93	1.00	14.1	48,000	4380	.77	.95	1.00	13.4	45,600	4690	.79	.97	1.00
	875	1850	15.8	53,800	3780	.77	.94	1.00	15.1	51,500	4100	.79	.96	1.00	14.4	49,200	4420	.80	.98	1.00	13.7	46,900	4730	.82	1.00	1.00
67°F (19.4°C)	685	1450	15.9	54,100	3790	.56	.70	.84	15.2	51,800	4110	.57	.71	.86	14.5	49,500	4430	.58	.73	.87	13.8	47,000	4750	.58	.74	.89
	780	1650	16.3	55,600	3820	.58	.73	.88	15.6	53,200	4140	.58	.74	.90	14.9	50,800	4470	.59	.76	.92	14.1	48,200	4800	.60	.78	.94
	875	1850	16.6	56,800	3850	.59	.75	.92	15.9	54,300	4180	.60	.77	.94	15.2	51,800	4510	.61	.79	.96	14.4	49,200	4830	.62	.81	.99
71°F (21.7°C)	685	1450	16.7	56,900	3850	.42	.55	.70	16.0	54,600	4180	.42	.56	.71	15.3	52,100	4520	.42	.57	.72	14.5	49,600	4850	.43	.58	.74
	780	1650	17.1	58,400	3890	.42	.57	.73	16.4	56,000	4220	.43	.58	.74	15.7	53,500	4560	.43	.59	.75	14.9	50,800	4900	.43	.60	.77
	875	1850	17.5	59,700	3910	.43	.59	.75	16.7	57,100	4260	.43	.60	.77	16.0	54,500	4600	.44	.61	.78	15.2	51,800	4940	.44	.63	.80

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

HS19-511-513 — CH19-65

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	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C
63°F (17.2°C)	660	1400	15.3	52,100	3760	.70	.85	.98	14.6	49,800	4070	.71	.87	1.00	13.9	47,500	4390	.73	.89	1.00	13.2	45,200	4690	.74	.91	1.00
	755	1600	15.7	53,600	3800	.73	.89	1.00	15.0	51,200	4120	.74	.91	1.00	14.3	48,800	4440	.76	.93	1.00	13.6	46,400	4750	.78	.96	1.00
	850	1800	16.1	54,900	3830	.76	.93	1.00	15.4	52,500	4150	.78	.95	1.00	14.7	50,300	4470	.79	.97	1.00	14.0	47,700	4800	.81	.99	1.00
67°F (19.4°C)	660	1400	16.1	55,000	3830	.55	.69	.83	15.4	52,700	4160	.56	.70	.84	14.7	50,300	4480	.57	.71	.86	14.0	47,900	4810	.57	.73	.88
	755	1600	16.6	56,600	3870	.57	.71	.86	15.9	54,200	4200	.58	.73	.88	15.2	51,800	4530	.58	.74	.90	14.4	49,200	4860	.59	.76	.92
	850	1800	17.0	57,900	3900	.59	.74	.90	16.2	55,400	4230	.59	.76	.92	15.5	52,900	4570	.60	.78	.94	14.7	50,200	4900	.61	.80	.97
71°F (21.7°C)	660	1400	17.0	57,900	3900	.41	.55	.69	16.3	55,500	4230	.41	.55	.70	15.6	53,100	4580	.42	.56	.71	14.8	50,500	4910	.42	.57	.72
	755	1600	17.4	59,500	3940	.42	.56	.71	16.7	57,100	4280	.42	.57	.73	16.0	54,500	4620	.42	.58	.74	15.2	51,900	4970	.43	.59	.75
	850	1800	17.8	60,800	3970	.42	.58	.74	17.1	58,300	4310	.43	.59	.76	16.3	55,700	4660	.43	.60	.77	15.5	52,900	5010	.44	.61	.79

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

HS19-511-513 — CB19-65 — CBH19-65

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	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C
63°F (17.2°C)	660	1400	15.4	52,600	3760	.70	.84	.98	14.8	50,400	4070	.71	.87	1.00	14.1	48,000	4380	.73	.88	1.00	13.3	45,400	4680	.74	.91	1.00
	755	1600	15.9	54,100	3800	.73	.88	1.00	15.2	52,000	4110	.74	.91	1.00	14.4	49,300	4430	.76	.93	1.00	13.7	46,900	4740	.78	.96	1.00
	850	1800	16.2	55,400	3820	.76	.93	1.00	15.6	53,100	4150	.77	.95	1.00	14.7	50,300	4470	.79	.97	1.00	14.1	48,100	4790	.81	.99	1.00
67°F (19.4°C)	660	1400	16.3	55,700	3830	.55	.69	.82	15.6	53,300	4150	.56	.70	.84	14.9	50,800	4480	.56	.71	.86	14.2	48,300	4800	.57	.73	.88
	755	1600	16.8	57,300	3870	.57	.71	.86	16.1	54,900	4200	.57	.72	.88	15.3	52,300	4530	.58	.74	.90	14.5	49,600	4860	.59	.76	.92
	850	1800	17.2	58,800	3900	.58	.74	.90	16.5	56,200	4230	.59	.76	.92	15.7	53,600	4570	.60	.78	.94	14.9	50,700	4900	.61	.80	.97
71°F (21.7°C)	660	1400	17.1	58,500	3890	.41	.55	.69	16.4	56,000	4230	.41	.56	.70	15.7	53,600	4570	.42	.56	.71	14.9	51,000	4910	.42	.57	.72
	755	1600	17.6	60,100	3930	.42	.56	.71	16.9	57,700	4270	.42	.57	.72	16.1	55,000	4620	.42	.58	.74	15.4	52,400	4960	.43	.59	.75
	850	1800	18.0	61,500	3960	.42	.58	.74	17.3	58,900	4310	.43	.59	.75	16.5	56,200	4660	.43	.60	.77	15.6	53,400	5000	.43	.61	.79

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

HS19-511-513 — CB21V-65 — CBH21V-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	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C
63°F (17.2°C)	685	1450	15.7	53,600	3770	.71	.86	.99	15.0	51,300	4090	.72	.88	1.00	14.3	48,900	4400	.73	.90	1.00	13.6	46,400	4700	.75	.92	1.00
	780	1650	16.1	55,000	3810	.74	.90	1.00	15.4	52,700	4120	.75	.92	1.00	14.7	50,100	4450	.77	.94	1.00	14.0	47,800	4760	.78	.97	1.00
	875	1850	16.5	56,400	3840	.77	.94	1.00	15.9	54,100	4160	.78	.96	1.00	15.1	51,400	4480	.80	.98	1.00	14.3	48,700	4810	.82	1.00	1.00
67°F (19.4°C)	685	1450	16.6	56,600	3840	.56	.69	.83	15.9	54,200	4170	.56	.71	.85	15.2	51,800	4500	.57	.72	.87	14.4	49,200	4820	.58	.74	.89
	780	1650	17.0	58,100	3880	.57	.72	.87	16.3	55,700	4210	.58	.74	.89	15.6	53,100	4540	.59	.75	.91	14.8	50,500	4870	.60	.77	.93
	875	1850	17.4	59,400	3910	.59	.75	.91	16.7	56,900	4240	.60	.77	.93	15.9	54,200	4580	.61	.79	.95	15.1	51,500	4910	.62	.81	.98
71°F (21.7°C)	685	1450	17.5	59,600	3910	.41	.55	.69	16.7	57,100	4250	.42	.56	.71	16.0	54,500	4590	.42	.57	.72	15.2	51,900	4930	.42	.58	.73
	780	1650	17.9	61,100	3940	.42	.57	.72	17.2	58,600	4290	.42	.58	.73	16.4	56,000										

RATINGS

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

HS19-651-653 — CR22-51/B24 — CH22-51/B24

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	15.1	51,600	4100	.65	.79	.89	14.4	49,200	4420	.66	.80	.91	13.8	47,100	4720	.67	.81	.93	13.1	44,700	5010	.69	.83	.95
	755	1600	16.1	54,800	4150	.69	.82	.95	15.3	52,300	4480	.70	.83	.98	14.6	49,800	4810	.72	.85	1.00	13.8	47,200	5110	.73	.87	1.00
	895	1900	16.8	57,200	4190	.73	.85	1.00	15.9	54,400	4530	.74	.87	1.00	15.2	51,900	4860	.76	.89	1.00	14.4	49,200	5180	.78	.91	1.00
67°F (19.4°C)	615	1300	16.1	54,800	4160	.51	.66	.76	15.4	52,500	4490	.52	.67	.77	14.6	49,800	4810	.53	.67	.79	13.8	47,200	5110	.53	.68	.81
	755	1600	17.0	58,100	4200	.53	.68	.81	16.3	55,500	4550	.54	.69	.82	15.4	52,700	4880	.55	.70	.84	14.7	50,000	5210	.56	.71	.86
	895	1900	17.7	60,400	4240	.56	.70	.86	16.9	57,700	4600	.57	.71	.88	16.1	54,800	4940	.58	.73	.90	15.2	52,000	5280	.59	.74	.92
71°F (21.7°C)	615	1300	17.1	58,300	4210	.38	.53	.64	16.4	55,800	4550	.39	.54	.64	15.5	52,900	4890	.39	.54	.66	14.7	50,100	5210	.39	.55	.67
	755	1600	18.0	61,500	4250	.39	.55	.67	17.1	58,500	4610	.40	.56	.68	16.3	55,700	4960	.40	.56	.70	15.5	52,800	5300	.40	.57	.71
	895	1900	18.7	63,800	4290	.40	.57	.71	17.8	60,800	4650	.41	.57	.72	16.9	57,800	5020	.41	.58	.74	16.0	54,600	5370	.41	.59	.75

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

HS19-651-653 — CH24-65/B24

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	15.4	52,400	4100	.65	.79	.90	14.7	50,000	4420	.66	.80	.92	14.0	47,900	4720	.68	.81	.93	13.3	45,400	5010	.69	.83	.96
	730	1550	16.2	55,400	4150	.68	.81	.95	15.5	52,800	4480	.70	.83	.97	14.7	50,200	4790	.71	.84	.99	14.0	47,600	5090	.73	.86	1.00
	850	1800	16.8	57,300	4180	.72	.84	1.00	16.0	54,700	4520	.73	.86	1.00	15.3	52,100	4840	.75	.88	1.00	14.4	49,300	5160	.77	.90	1.00
67°F (19.4°C)	615	1300	16.4	55,800	4160	.51	.66	.76	15.6	53,400	4490	.52	.67	.77	14.9	50,700	4810	.53	.67	.79	14.1	48,000	5110	.54	.68	.81
	730	1550	17.2	58,700	4200	.53	.68	.80	16.4	55,900	4540	.54	.69	.82	15.6	53,300	4870	.55	.69	.84	14.8	50,400	5190	.56	.71	.86
	850	1800	17.8	60,800	4230	.55	.69	.84	16.9	57,800	4580	.56	.70	.86	16.1	55,100	4930	.57	.72	.88	15.3	52,200	5260	.58	.73	.91
71°F (21.7°C)	615	1300	17.4	59,400	4210	.38	.53	.64	16.6	56,700	4560	.39	.54	.65	15.8	53,900	4890	.39	.54	.66	14.9	51,000	5210	.39	.55	.67
	730	1550	18.2	62,000	4250	.39	.55	.67	17.3	59,200	4600	.39	.55	.68	16.5	56,300	4950	.40	.56	.69	15.5	53,000	5290	.40	.57	.71
	850	1800	18.8	64,100	4280	.40	.56	.70	18.0	61,300	4640	.40	.57	.71	17.0	58,100	5000	.41	.57	.73	16.1	55,000	5350	.41	.58	.74

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

HS19-651-653 — C23-51(FC) — C24-51FC/B24

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)	755	1600	16.0	54,700	4160	.67	.82	.93	15.3	52,200	4500	.69	.83	.94	14.6	49,800	4840	.70	.85	.97	13.8	47,200	5150	.71	.87	.99
	895	1900	16.7	56,900	4200	.71	.85	.98	15.9	54,400	4550	.72	.87	1.00	15.2	51,700	4890	.74	.89	1.00	14.4	49,000	5210	.75	.92	1.00
	1040	2200	17.2	58,700	4230	.74	.88	1.00	16.4	56,100	4580	.76	.90	1.00	15.7	53,500	4930	.77	.92	1.00	14.9	50,700	5260	.79	.94	1.00
67°F (19.4°C)	755	1600	16.8	57,300	4210	.53	.68	.79	16.1	54,900	4560	.54	.69	.80	15.4	52,400	4910	.55	.70	.82	14.6	49,900	5240	.55	.71	.84
	895	1900	17.6	60,000	4250	.55	.70	.83	16.8	57,400	4610	.56	.71	.85	16.0	54,700	4960	.57	.72	.87	15.2	51,900	5300	.58	.74	.89
	1040	2200	18.1	61,900	4280	.57	.72	.88	17.3	59,200	4640	.58	.73	.90	16.5	56,400	5010	.59	.75	.92	15.7	53,500	5360	.60	.76	.94
71°F (21.7°C)	755	1600	17.6	59,900	4250	.40	.55	.66	16.9	57,500	4610	.40	.55	.67	16.1	55,000	4970	.40	.56	.68	15.3	52,300	5320	.41	.57	.70
	895	1900	18.4	62,700	4290	.41	.56	.70	17.6	60,100	4660	.41	.56	.71	16.8	57,300	5030	.41	.57	.72	16.0	54,500	5390	.42	.58	.73
	1040	2200	19.0	64,700	4320	.41	.57	.73	18.1	61,900	4700	.42	.58	.74	17.3	59,100	5080	.42	.59	.75	16.4	56,100	5440	.43	.60	.77

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

HS19-651-653 — CR18-51

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)	755	1600	15.2	52,000	4270	.68	.82	.94	14.6	49,900	4610	.69	.83	.96	13.9	47,600	4940	.71	.85	.99	13.2	45,200	5260	.72	.87	1.00
	850	1800	15.7	53,500	4310	.71	.84	.99	15.0	51,200	4650	.72	.86	1.00	14.3	48,900	4990	.73	.88	1.00	13.6	46,400	5310	.75	.90	1.00
	945	2000	16.1	54,800	4340	.73	.87	1.00	15.4	52,400	4690	.74	.88	1.00	14.6	49,900	5030	.76	.90	1.00	13.8	47,200	5360	.78	.93	1.00
67°F (19.4°C)	755	1600	16.2	55,400	4350	.53	.68	.80	15.6	53,100	4710	.54	.69	.81	14.9	50,700	5060	.55	.70	.83	14.2	48,300	5400	.55	.71	.85
	850	1800	16.7	56,900	4390	.55	.69	.83	16.0	54,500	4750	.55	.70	.84	15.2	52,000	5110	.56	.72	.86	14.5	49,500	5460	.57	.73	.88
	945	2000	17.1	58,200	4430	.56	.71	.86	16.3	55,700	4790	.57	.72	.88	15.6	53,200	5150	.58	.73	.90	14.8	50,500	5510	.59	.75	.92
71°F (21.7°C)	755	1600	17.2	58,600	4440	.40	.55	.66	16.5	56,300	4810	.40	.55	.67	15.8	53,800	5180	.40	.56	.69	15.0	51,300	5540	.40	.57	.70
	850	1800	17.7	60,300	4470	.40	.56	.69	16.9	57,800	4850	.40	.56	.70	16.2	55,200	5230	.41	.57	.71	15.4	52,600	5600	.41	.58	.72
	945	2000	18.0	61,600	4510	.41	.57	.71	17.3	59,000	4890	.41	.57	.72	16.5	56,400	527									

RATINGS

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

HS19-651-653 — C22-46FC/B24 — 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)	800	1700	17.5	59,600	4210	.70	.84	.96	16.7	57,000	4560	.71	.86	.98	15.9	54,200	4890	.72	.88	1.00	15.1	51,600	5200	.74	.90	1.00
	920	1950	18.1	61,700	4230	.72	.87	1.00	17.3	58,900	4590	.74	.89	1.00	16.4	56,000	4930	.75	.92	1.00	15.6	53,100	5260	.77	.94	1.00
	1040	2200	18.6	63,400	4250	.75	.90	1.00	17.7	60,500	4620	.77	.93	1.00	16.9	57,500	4970	.78	.94	1.00	16.0	54,700	5310	.80	.96	1.00
67°F (19.4°C)	800	1700	18.4	62,700	4250	.55	.69	.82	17.6	60,000	4610	.55	.70	.83	16.8	57,200	4960	.56	.72	.85	15.9	54,400	5300	.57	.73	.87
	920	1950	19.0	64,800	4280	.56	.71	.85	18.1	61,900	4640	.57	.73	.87	17.3	59,000	5010	.58	.74	.89	16.4	56,000	5360	.59	.76	.91
	1040	2200	19.5	66,600	4300	.58	.73	.89	18.6	63,400	4680	.59	.75	.91	17.7	60,500	5040	.60	.76	.93	16.9	57,500	5400	.61	.78	.95
71°F (21.7°C)	800	1700	19.2	65,400	4290	.41	.55	.69	18.4	62,700	4660	.41	.56	.70	17.6	59,900	5030	.41	.57	.71	16.7	56,900	5390	.42	.58	.72
	920	1950	19.8	67,600	4320	.42	.57	.71	19.0	64,700	4700	.42	.58	.72	18.1	61,800	5070	.42	.59	.74	17.2	58,800	5440	.43	.60	.75
	1040	2200	20.3	69,300	4350	.42	.58	.74	19.5	66,500	4730	.43	.59	.75	18.6	63,300	5110	.43	.60	.77	17.6	59,900	5480	.43	.61	.79

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

HS19-651-653 — CB19-51 — CBH19-51

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)	755	1600	16.3	55,800	4360	.71	.86	.99	15.6	53,400	4710	.72	.88	1.00	14.9	50,900	5070	.74	.90	1.00	14.2	48,600	5410	.75	.92	1.00
	850	1800	16.8	57,400	4400	.74	.89	1.00	16.1	54,800	4760	.75	.91	1.00	15.4	52,400	5120	.77	.93	1.00	14.6	49,700	5470	.78	.95	1.00
	945	2000	17.2	58,600	4430	.76	.92	1.00	16.5	56,200	4800	.78	.94	1.00	15.7	53,600	5160	.79	.96	1.00	14.9	51,000	5530	.81	.98	1.00
67°F (19.4°C)	755	1600	17.3	59,200	4440	.56	.70	.84	16.6	56,600	4810	.57	.71	.85	15.9	54,100	5180	.57	.73	.87	15.1	51,400	5540	.58	.74	.89
	850	1800	17.8	60,700	4480	.57	.72	.87	17.0	58,000	4860	.58	.74	.89	16.2	55,300	5230	.59	.75	.91	15.4	52,600	5600	.60	.77	.93
	945	2000	18.1	61,900	4510	.59	.75	.90	17.3	59,200	4890	.60	.76	.92	16.5	56,400	5270	.61	.78	.94	15.7	53,600	5640	.62	.80	.97
71°F (21.7°C)	755	1600	18.3	62,400	4520	.42	.56	.70	17.5	59,800	4910	.42	.56	.71	16.7	57,100	5300	.42	.57	.72	15.9	54,400	5680	.42	.58	.73
	850	1800	18.8	64,000	4560	.42	.57	.72	17.9	61,200	4950	.42	.58	.73	17.1	58,500	5350	.43	.59	.75	16.3	55,600	5730	.43	.60	.76
	945	2000	19.1	65,300	4590	.43	.59	.74	18.3	62,400	4990	.43	.60	.76	17.5	59,600	5390	.43	.61	.77	16.6	56,700	5780	.44	.62	.79

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

HS19-651-653 — CR22-65/B24

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)	635	1350	16.1	55,100	4200	.66	.79	.91	15.4	52,700	4550	.67	.81	.93	14.7	50,100	4880	.69	.83	.95	14.0	47,700	5200	.70	.84	.97
	780	1650	17.1	58,300	4240	.70	.83	.97	16.3	55,700	4600	.71	.85	.99	15.6	53,100	4950	.73	.88	1.00	14.7	50,300	5290	.74	.90	1.00
	920	1950	17.8	60,900	4280	.74	.88	1.00	17.0	57,900	4650	.75	.90	1.00	16.1	55,100	5010	.77	.92	1.00	15.3	52,200	5360	.79	.94	1.00
67°F (19.4°C)	635	1350	17.1	58,500	4250	.52	.66	.77	16.4	56,000	4610	.53	.67	.79	15.6	53,400	4970	.53	.68	.80	14.9	50,800	5310	.54	.69	.82
	780	1650	18.1	61,800	4300	.54	.68	.82	17.3	59,000	4670	.55	.70	.84	16.5	56,300	5040	.56	.71	.85	15.6	53,400	5400	.57	.73	.88
	920	1950	18.8	64,200	4340	.57	.71	.87	17.9	61,200	4720	.57	.73	.89	17.1	58,300	5100	.58	.74	.91	16.2	55,300	5470	.60	.78	.93
71°F (21.7°C)	635	1350	18.1	61,700	4300	.39	.53	.65	17.3	59,200	4670	.39	.54	.66	16.6	56,500	5050	.40	.54	.67	15.8	53,800	5410	.40	.55	.68
	780	1650	19.0	65,000	4350	.40	.55	.68	18.2	62,200	4740	.40	.56	.69	17.4	59,300	5120	.41	.56	.71	16.6	56,500	5500	.41	.57	.72
	920	1950	19.7	67,300	4390	.41	.57	.72	18.9	64,400	4790	.41	.58	.73	18.0	61,400	5180	.42	.58	.75	17.1	58,400	5560	.42	.59	.76

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

HS19-651-653 — C22-51FC/B24 — 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)	755	1600	17.3	59,200	4200	.69	.83	.95	16.6	56,700	4550	.70	.85	.97	15.8	53,900	4880	.71	.87	.99	15.0	51,300	5200	.73	.89	1.00
	895	1900	18.1	61,900	4230	.72	.87	1.00	17.3	59,100	4590	.74	.89	1.00	16.4	56,100	4940	.75	.91	1.00	15.6	53,300	5270	.77	.94	1.00
	1040	2200	18.8	64,000	4260	.76	.91	1.00	17.9	61,100	4630	.77	.93	1.00	17.0	58,100	4990	.79	.95	1.00	16.2	55,200	5330	.81	.97	1.00
67°F (19.4°C)	755	1600	18.3	62,300	4240	.54	.69	.81	17.5	59,600	4600	.55	.70	.82	16.7	56,900	4950	.56	.71	.84	15.8	54,000	5290	.57	.72	.86
	895	1900	19.1	65,100	4280	.56	.71	.85	18.2	62,200	4650	.57	.73	.87	17.4	59,300	5010	.58	.74	.89	16.5	56,300	5370	.59	.76	.91
	1040	2200	19.7	67,100	4310	.59	.74	.90	18.8	64,100	4690	.59	.75	.92	17.9	61,100	5060	.60	.77	.94	17.0	58,000	5420	.62	.79	.96
71°F (21.7°C)	755	1600	19.0	65,000	4280	.41	.55	.68	18.3	62,300	4650	.41	.56	.69	17.4	59,500	5020	.41	.56	.70	16.6	56,700	5380	.42	.57	.71
	895	1900	19.9	68,000	4320	.42	.57	.71	19.1	65,100	4700	.42	.58	.72	18.2	62,000	5080									

RATINGS

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

HS19-651-653 — C23-65(FC) — C24-65FC/B24

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)	800	1700	16.6	56,800	4200	.69	.84	.95	15.9	54,300	4550	.70	.85	.97	15.2	51,700	4880	.72	.87	.99	14.4	49,200	5200	.73	.89	1.00
	945	2000	17.3	59,100	4230	.73	.87	1.00	16.6	56,500	4590	.74	.89	1.00	15.7	53,700	4930	.75	.91	1.00	14.9	50,800	5260	.77	.94	1.00
	1085	2300	17.8	60,900	4260	.76	.91	1.00	17.1	58,200	4620	.77	.92	1.00	16.2	55,200	4970	.79	.95	1.00	15.4	52,500	5320	.81	.97	1.00
67°F (19.4°C)	800	1700	17.6	59,900	4240	.54	.69	.81	16.8	57,300	4600	.55	.70	.82	16.0	54,700	4960	.56	.71	.84	15.2	52,000	5300	.57	.73	.86
	945	2000	18.3	62,300	4280	.56	.71	.85	17.5	59,600	4650	.57	.72	.87	16.6	56,800	5010	.58	.74	.89	15.8	53,900	5360	.59	.76	.91
	1085	2300	18.8	64,200	4310	.58	.74	.90	18.0	61,300	4680	.59	.75	.91	17.1	58,400	5050	.60	.77	.94	16.2	55,400	5410	.61	.79	.96
71°F (21.7°C)	800	1700	18.3	62,600	4280	.41	.55	.68	17.6	60,000	4650	.41	.56	.69	16.8	57,300	5020	.41	.57	.70	16.0	54,500	5380	.42	.58	.72
	945	2000	19.0	65,000	4320	.42	.57	.71	18.3	62,300	4700	.42	.58	.72	17.4	59,500	5080	.42	.59	.74	16.5	56,400	5450	.43	.60	.75
	1085	2300	19.7	67,100	4350	.42	.58	.74	18.8	64,100	4740	.43	.59	.76	17.9	61,000	5120	.43	.61	.77	17.0	58,100	5500	.44	.62	.79

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

HS19-651-653 — CR18-65

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	kW	Btuh	75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	755	1600	16.0	54,700	4340	.70	.84	.97	15.3	52,200	4690	.71	.86	.99	14.6	49,700	5030	.72	.88	1.00	13.9	47,300	5370	.74	.90	1.00
	850	1800	16.4	56,000	4380	.72	.87	1.00	15.7	53,500	4730	.74	.89	1.00	15.0	51,100	5090	.75	.91	1.00	14.2	48,600	5430	.77	.93	1.00
	945	2000	16.8	57,300	4410	.75	.90	1.00	16.1	54,900	4770	.76	.92	1.00	15.3	52,300	5130	.78	.94	1.00	14.6	49,700	5480	.80	.96	1.00
67°F (19.4°C)	755	1600	16.9	57,800	4420	.55	.69	.82	16.2	55,400	4790	.55	.70	.83	15.5	52,900	5150	.56	.71	.85	14.7	50,300	5510	.57	.73	.87
	850	1800	17.4	59,400	4460	.56	.71	.85	16.6	56,800	4830	.57	.72	.87	15.9	54,200	5200	.58	.74	.89	15.1	51,500	5560	.59	.75	.91
	945	2000	17.8	60,700	4490	.58	.73	.88	17.0	58,100	4870	.58	.74	.90	16.2	55,400	5240	.59	.76	.92	15.4	52,600	5610	.60	.78	.95
71°F (21.7°C)	755	1600	17.9	61,100	4500	.41	.55	.68	17.1	58,500	4880	.41	.56	.69	16.4	56,000	5260	.41	.56	.70	15.6	53,300	5640	.41	.57	.72
	850	1800	18.4	62,700	4540	.41	.56	.70	17.6	60,000	4930	.41	.57	.72	16.8	57,300	5320	.42	.58	.73	16.0	54,600	5700	.42	.59	.74
	945	2000	18.8	64,000	4570	.42	.58	.73	18.0	61,300	4970	.42	.58	.74	17.1	58,500	5360	.42	.59	.76	16.3	55,600	5750	.43	.61	.77

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

HS19-651-653 — CH22-65/B24

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	16.1	55,100	4120	.65	.78	.89	15.4	52,400	4440	.66	.80	.91	14.6	49,900	4750	.67	.81	.93	13.8	47,100	5050	.69	.83	.96
	755	1600	17.1	58,200	4180	.69	.82	.95	16.3	55,500	4510	.70	.83	.98	15.4	52,700	4830	.72	.85	1.00	14.6	49,900	5140	.73	.90	1.00
	895	1900	17.8	60,700	4210	.72	.85	1.00	17.0	57,900	4550	.74	.87	1.00	16.1	55,100	4890	.76	.91	1.00	15.3	52,100	5210	.78	.93	1.00
67°F (19.4°C)	615	1300	17.2	58,800	4180	.51	.65	.75	16.5	56,200	4520	.52	.66	.77	15.6	53,300	4850	.52	.67	.79	14.8	50,400	5160	.53	.68	.80
	755	1600	18.3	62,400	4230	.53	.67	.80	17.4	59,300	4580	.54	.68	.82	16.5	56,200	4920	.55	.70	.84	15.6	53,300	5240	.56	.71	.86
	895	1900	19.0	64,800	4270	.55	.70	.85	18.1	61,700	4620	.56	.71	.87	17.1	58,400	4970	.57	.72	.89	16.1	55,000	5310	.59	.74	.92
71°F (21.7°C)	615	1300	18.3	62,500	4240	.38	.53	.63	17.5	59,800	4590	.38	.53	.64	16.7	56,900	4940	.39	.54	.65	15.8	53,900	5270	.39	.55	.67
	755	1600	19.3	66,000	4280	.39	.54	.67	18.4	62,900	4650	.39	.55	.68	17.5	59,800	5010	.40	.56	.69	16.6	56,700	5360	.40	.57	.71
	895	1900	20.1	68,500	4320	.40	.56	.70	19.1	65,200	4690	.40	.57	.72	18.1	61,900	5060	.41	.57	.73	17.2	58,600	5420	.41	.58	.75

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

HS19-651-653 — CH19-51

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)	660	1400	16.1	54,900	4350	.69	.82	.95	15.4	52,500	4700	.70	.84	.97	14.7	50,100	5040	.71	.86	.99	13.9	47,500	5390	.73	.88	1.00
	755	1600	16.6	56,700	4390	.71	.86	1.00	15.9	54,200	4750	.73	.88	1.00	15.1	51,700	5110	.74	.90	1.00	14.4	49,200	5460	.76	.92	1.00
	850	1800	17.0	58,100	4430	.74	.89	1.00	16.3	55,700	4800	.75	.91	1.00	15.6	53,200	5160	.77	.93	1.00	14.8	50,400	5520	.79	.95	1.00
67°F (19.4°C)	660	1400	17.1	58,200	4430	.54	.67	.80	16.3	55,700	4800	.54	.68	.82	15.6	53,300	5160	.55	.70	.83	14.9	50,800	5520	.56	.71	.85
	755	1600	17.6	60,100	4480	.55	.70	.84	16.8	57,500	4850	.56	.71	.86	16.1	54,900	5230	.57	.73	.87	15.3	52,200	5590	.58	.74	.89
	850	1800	18.0	61,600	4520	.57	.72	.87	17.3	59,000	4900	.58	.74	.89	16.5	56,200	5280	.59	.75	.91	15.6	53,400	5650	.60	.77	.94
71°F (21.7°C)	660	1400	18.0	61,400	4510	.40	.54	.67	17.3	58,900	4890	.40	.55	.68	16.5	56,400	5280	.41	.55	.69	15.7	53,600	5660	.41	.56	.70
	755	1600	18.6	63,400	4560	.41	.55	.70	17.8	60,700	4950	.41	.56	.71	17.0	58,000	5340	.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.

HS19-651-653 — 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	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	75°F/24°C	80°F/27°C	85°F/29°C	kW	Btuh	75°F/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)	755	1600	16.5	56,300	4390	.71	.85	.98	15.9	54,100	4740	.72	.87	1.00	15.1	51,400	5100	.73	.89	1.00	14.3	48,900	5440	.75	.91	1.00
	850	1800	16.9	57,800	4430	.73	.88	1.00	16.2	55,400	4790	.75	.90	1.00	15.5	52,800	5150	.76	.92	1.00	14.7	50,000	5500	.78	.95	1.00
	945	2000	17.3	59,200	4460	.76	.91	1.00	16.6	56,600	4830	.77	.94	1.00	15.8	53,800	5190	.79	.96	1.00	15.0	51,200	5550	.81	.98	1.00
67°F (19.4°C)	755	1600	17.6	59,900	4480	.55	.69	.83	16.8	57,400	4850	.56	.71	.84	16.0	54,700	5220	.57	.72	.86	15.2	52,000	5580	.58	.74	.88
	850	1800	18.0	61,400	4510	.57	.72	.86	17.2	58,800	4890	.58	.73	.88	16.4	56,000	5270	.59	.75	.90	15.6	53,200	5640	.60	.77	.92
	945	2000	18.3	62,600	4540	.58	.74	.90	17.6	59,900	4930	.59	.76	.91	16.7	57,100	5310	.60	.77	.94	15.9	54,100	5680	.61	.79	.96
71°F (21.7°C)	755	1600	18.6	63,500	4560	.41	.55	.69	17.8	60,800	4950	.41	.56	.70	17.0	58,000	5340	.42	.57	.71	16.2	55,200	5730	.42	.58	.73
	850	1800	19.0	65,000	4600	.42	.57	.71	18.2	62,200	4990	.42	.58	.73	17.4	59,400	5390	.42	.59	.74	16.6	56,500	5780	.43	.60	.75
	945	2000	19.4	66,300	4630	.42	.58	.74	18.6	63,400	5030	.43	.59	.75	17.7	60,500	5430	.43	.60	.77	16.8	57,500	5830	.43	.61	.78

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

HS19-651-653 — 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)			Total Cooling 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)	800	1700	16.6	56,600	4320	.66	.79	.90	15.9	54,400	4670	.67	.81	.92	15.2	51,800	5020	.68	.82	.94	14.5	49,400	5370	.69	.84	.96
	945	2000	17.5	59,600	4390	.70	.83	.97	16.8	57,300	4760	.71	.85	.99	16.0	54,700	5120	.72	.87	1.00	15.2	51,900	5470	.74	.89	1.00
	1085	2300	18.2	62,000	4450	.74	.88	1.00	17.4	59,300	4820	.75	.90	1.00	16.6	56,500	5190	.77	.92	1.00	15.7	53,500	5550	.79	.94	1.00
67°F (19.4°C)	800	1700	17.5	59,800	4400	.52	.66	.77	16.8	57,400	4770	.53	.67	.78	16.1	54,900	5140	.53	.68	.80	15.4	52,400	5500	.54	.69	.81
	945	2000	18.5	63,100	4470	.54	.68	.82	17.8	60,600	4850	.55	.70	.83	17.0	57,900	5230	.56	.71	.85	16.1	55,100	5610	.57	.73	.87
	1085	2300	19.2	65,400	4530	.57	.71	.87	18.4	62,700	4910	.57	.73	.89	17.6	59,900	5310	.58	.74	.91	16.7	57,000	5690	.59	.76	.93
71°F (21.7°C)	800	1700	18.6	63,300	4470	.39	.53	.65	17.8	60,600	4860	.39	.53	.65	17.0	58,000	5240	.39	.54	.66	16.2	55,400	5630	.40	.55	.68
	945	2000	19.5	66,400	4550	.40	.55	.68	18.7	63,800	4940	.40	.55	.69	17.9	61,100	5340	.40	.56	.70	17.1	58,200	5740	.41	.57	.72
	1085	2300	20.1	68,600	4600	.41	.57	.72	19.3	66,000	5000	.41	.57	.73	18.5	63,100	5410	.41	.58	.75	17.6	60,100	5820	.42	.60	.76

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

HS19-651-653 — C22-65FC/B24 — C26-65(FC) — C26-65(FC)EAP

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)	800	1700	18.1	61,800	4250	.70	.84	.96	17.3	59,100	4610	.71	.86	.98	16.5	56,400	4960	.73	.89	1.00	15.7	53,500	5310	.74	.91	1.00
	945	2000	18.9	64,400	4290	.74	.89	1.00	18.0	61,500	4660	.75	.91	1.00	17.1	58,300	5020	.77	.93	1.00	16.2	55,300	5370	.78	.95	1.00
	1085	2300	19.4	66,300	4320	.77	.92	1.00	18.5	63,200	4690	.79	.94	1.00	17.6	60,200	5060	.80	.97	1.00	16.7	57,000	5420	.82	.98	1.00
67°F (19.4°C)	800	1700	19.2	65,600	4310	.55	.69	.82	18.4	62,700	4680	.56	.70	.84	17.5	59,700	5050	.57	.72	.85	16.6	56,600	5410	.58	.73	.87
	945	2000	19.9	68,000	4340	.57	.72	.86	19.0	64,900	4720	.58	.73	.88	18.1	61,700	5100	.59	.75	.90	17.2	58,600	5480	.60	.78	.92
	1085	2300	20.5	69,800	4370	.59	.75	.91	19.5	66,600	4760	.60	.78	.93	18.6	63,400	5150	.61	.79	.95	17.6	60,100	5530	.62	.81	.98
71°F (21.7°C)	800	1700	20.3	69,100	4360	.41	.55	.69	19.3	65,900	4750	.42	.56	.70	18.4	62,800	5140	.42	.57	.71	17.5	59,800	5510	.42	.58	.72
	945	2000	20.9	71,400	4400	.42	.57	.72	20.0	68,300	4790	.42	.58	.73	19.1	65,100	5190	.43	.59	.75	18.1	61,900	5570	.43	.60	.76
	1085	2300	21.5	73,400	4430	.43	.59	.75	20.5	70,100	4830	.43	.60	.77	19.5	66,700	5220	.44	.61	.78	18.5	63,100	5610	.44	.65	.80

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

HS19-651-653 — 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)			Total Cooling 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	15.4	52,400	4260	.69	.81	.92	14.7	50,200	4590	.70	.83	.94	14.1	48,000	4930	.71	.84	.96	13.4	45,700	5270	.73	.86	.98
	755	1600	16.0	54,700	4310	.73	.86	.98	15.3	52,300	4660	.74	.88	.99	14.7	50,000	5010	.76	.90	1.00	14.0	47,600	5370	.77	.92	1.00
	895	1900	16.5	56,400	4360	.77	.91	1.00	15.8	54,000	4710	.78	.93	1.00	15.1	51,600	5080	.80	.95	1.00	14.4	49,200	5440	.82	.97	1.00
67°F (19.4°C)	615	1300	16.5	56,200	4350	.55	.66	.78	15.8	53,800	4710	.55	.67	.79	15.1	51,400	5070	.56	.68	.81	14.4	49,000	5440	.57	.70	.82
	755	1600	17.1	58,200	4400	.57	.70	.83	16.3	55,700	4770	.58	.71	.85	15.6	53,200	5140	.58	.73	.87	14.8	50,600	5510	.59	.75	.89
	895	1900	17.5	59,800	4440	.59	.74	.88	16.7	57,100	4810	.60	.76	.90	16.0	54,500	5190	.61	.78	.92	15.2	51,900	5570	.62	.80	.94
71°F (21.7°C)	615	1300	17.6	60,200	4450	.42	.53	.63	16.9	57,700	4830	.42	.53	.65	16.2	55,200	5220	.42	.54	.66	15.4	52,600	5610	.43	.55	.67
	755	1600	18.3	62,300	4500	.43	.55	.67	17.5	59,700	4890	.43	.56	.69	16.7	57,000	5280	.43								

RATINGS

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

HS19-651-653 — CB21V-51 — CBH21V-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	16.8	57,400	4400	.68	.81	.94	16.1	55,000	4760	.69	.83	.95	15.4	52,500	5120	.70	.84	.98	14.6	49,900	5460	.71	.86	1.00
	755	1600	17.4	59,400	4450	.70	.84	.98	16.6	56,800	4810	.71	.86	1.00	15.9	54,100	5180	.73	.88	1.00	15.1	51,400	5540	.75	.91	1.00
	850	1800	17.8	60,900	4490	.73	.88	1.00	17.1	58,200	4860	.74	.90	1.00	16.3	55,500	5230	.76	.92	1.00	15.5	52,800	5600	.78	.94	1.00
67°F (19.4°C)	660	1400	17.8	60,700	4480	.53	.67	.79	17.1	58,200	4860	.54	.68	.81	16.3	55,600	5230	.54	.69	.82	15.5	53,000	5600	.55	.70	.84
	755	1600	18.4	62,800	4530	.55	.69	.83	17.6	60,200	4910	.55	.70	.84	16.8	57,400	5300	.56	.71	.86	16.0	54,600	5680	.57	.73	.88
	850	1800	18.9	64,500	4570	.56	.71	.86	18.1	61,700	4960	.57	.72	.88	17.3	58,900	5350	.58	.74	.90	16.4	56,000	5730	.59	.76	.92
71°F (21.7°C)	660	1400	18.8	64,000	4560	.39	.53	.66	18.0	61,400	4950	.40	.54	.67	17.2	58,700	5340	.40	.55	.68	16.4	55,900	5730	.40	.56	.69
	755	1600	19.4	66,100	4610	.40	.55	.69	18.6	63,400	5010	.40	.56	.70	17.7	60,500	5410	.41	.56	.71	16.9	57,600	5810	.41	.57	.72
	850	1800	19.9	67,800	4650	.41	.56	.71	19.0	64,900	5050	.41	.57	.72	18.2	62,000	5460	.41	.58	.74	17.3	59,000	5870	.42	.59	.75

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

HS19-651-653 — CH19-65

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)	755	1600	17.5	59,800	4470	.70	.84	.96	16.8	57,400	4840	.71	.85	.98	16.0	54,500	5210	.72	.87	1.00	15.2	51,800	5570	.74	.90	1.00
	850	1800	18.0	61,300	4510	.72	.87	1.00	17.2	58,700	4890	.73	.89	1.00	16.3	55,800	5270	.75	.91	1.00	15.6	53,100	5640	.77	.93	1.00
	945	2000	18.4	62,700	4550	.75	.90	1.00	17.6	60,000	4930	.76	.92	1.00	16.8	57,300	5310	.78	.94	1.00	15.9	54,400	5690	.79	.97	1.00
67°F (19.4°C)	755	1600	18.5	63,200	4550	.55	.68	.82	17.7	60,500	4940	.55	.69	.83	16.9	57,800	5330	.56	.71	.85	16.1	55,000	5720	.57	.72	.87
	850	1800	19.0	64,900	4590	.56	.70	.85	18.2	62,100	4990	.57	.72	.87	17.4	59,300	5390	.58	.73	.88	16.5	56,300	5780	.59	.75	.91
	945	2000	19.4	66,300	4630	.57	.73	.88	18.6	63,400	5030	.58	.74	.90	17.7	60,500	5430	.59	.76	.92	16.8	57,400	5820	.60	.78	.94
71°F (21.7°C)	755	1600	19.5	66,500	4630	.41	.54	.68	18.7	63,700	5040	.41	.55	.69	17.8	60,900	5450	.41	.56	.70	17.0	58,000	5850	.41	.57	.72
	850	1800	20.0	68,200	4670	.41	.56	.70	19.2	65,400	5080	.41	.57	.72	18.3	62,400	5500	.42	.58	.73	17.4	59,400	5910	.42	.59	.74
	945	2000	20.4	69,700	4710	.42	.57	.73	19.5	66,700	5120	.42	.58	.74	18.6	63,600	5540	.42	.59	.76	17.7	60,500	5960	.43	.60	.77

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

HS19-651-653 — CB19-65 — CBH19-65

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)	755	1600	17.6	60,200	4480	.69	.83	.96	16.8	57,300	4850	.71	.85	.98	16.1	54,800	5220	.72	.87	1.00	15.2	51,800	5580	.74	.89	1.00
	850	1800	18.1	61,800	4520	.72	.87	1.00	17.3	58,900	4900	.73	.89	1.00	16.4	56,100	5270	.75	.91	1.00	15.6	53,300	5640	.76	.93	1.00
	945	2000	18.5	63,200	4550	.74	.90	1.00	17.7	60,400	4930	.76	.92	1.00	16.8	57,300	5310	.78	.94	1.00	16.0	54,500	5690	.79	.97	1.00
67°F (19.4°C)	755	1600	18.6	63,400	4560	.54	.68	.82	17.8	60,700	4950	.55	.69	.83	17.0	57,900	5340	.56	.71	.85	16.1	55,000	5720	.57	.72	.87
	850	1800	19.1	65,200	4600	.56	.70	.85	18.3	62,300	5000	.57	.71	.86	17.4	59,400	5390	.58	.73	.88	16.5	56,400	5780	.59	.75	.91
	945	2000	19.5	66,700	4630	.57	.73	.88	18.7	63,800	5040	.58	.74	.90	17.8	60,700	5440	.59	.76	.92	16.8	57,500	5830	.60	.78	.94
71°F (21.7°C)	755	1600	19.5	66,700	4630	.41	.55	.68	18.7	63,900	5040	.41	.55	.69	17.9	61,000	5450	.41	.56	.70	17.0	58,100	5850	.41	.57	.72
	850	1800	20.0	68,400	4680	.41	.56	.70	19.2	65,500	5090	.41	.57	.72	18.3	62,500	5500	.42	.58	.73	17.4	59,400	5910	.42	.59	.74
	945	2000	20.1	69,800	4710	.42	.57	.73	19.6	66,800	5130	.42	.58	.74	18.7	63,700	5550	.42	.59	.76	17.9	61,100	5970	.43	.65	.77

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

HS19-651-653 — CB21V-65 — CBH21V-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)	755	1600	17.8	60,800	4480	.69	.83	.96	17.0	57,900	4850	.71	.85	.98	16.2	55,400	5220	.72	.87	1.00	15.4	52,400	5580	.74	.89	1.00
	850	1800	18.3	62,400	4520	.72	.87	1.00	17.5	59,600	4900	.73	.89	1.00	16.6	56,700	5270	.75	.91	1.00	15.8	53,800	5640	.76	.93	1.00
	945	2000	18.7	63,800	4550	.74	.90	1.00	17.9	61,100	4930	.76	.92	1.00	17.0	57,900	5310	.78	.94	1.00	16.1	55,100	5690	.79	.97	1.00
67°F (19.4°C)	755	1600	18.8	64,100	4560	.54	.68	.82	18.0	61,400	4950	.55	.69	.83	17.1	58,500	5340	.56	.71	.85	16.3	55,600	5720	.57	.72	.87
	850	1800	19.3	65,800	4600	.56	.70	.85	18.5	63,000	5000	.57	.71	.86	17.6	60,000	5390	.58	.73	.88	16.7	57,000	5780	.59	.75	.91
	945	2000	19.7	67,400	4630	.57	.73	.88	18.9	64,400	5040	.58	.74	.90	18.0	61,300	5440	.59	.76	.92	17.0	58,100	5830	.60	.78	.94
71°F (21.7°C)	755	1600	19.7	67,400	4630	.41	.55	.68	18.9	64,600	5040	.41	.55	.69	18.0	61,600	5450	.41	.56	.70	17.2	58,700	5850	.41	.57	.72
	850	1800	20.2	69,100	4680	.41	.56	.70	19.4	66,200	5090	.41	.57	.72	18.5	63,100	5500	.42	.58	.73	17.6	60,000	5910	.42	.59	.74
	945	2000	20.7																							