LENNOX®

ENGINEERING DATA

VALUE 10™ CONDENSING UNITS
RFC™ SYSTEMS

10.00 to 11.10 SEER

***17,600 to 46,500 Btuh (5.2 to 13.6 kW) Cooling Capacity**

1-1/2 thru 4 Tons (5.3 to 14.1 kW)

***ARI and DOE Certified Ratings**

10ACB RFC

Bulletin No. 210075
April 1995
Supersedes
November 1994

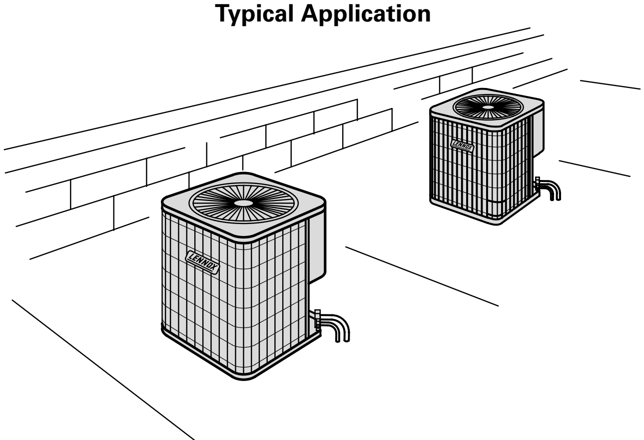
AN INDEPENDENT LABORATORY TESTING FOR PUBLIC SAFETY

MANUFACTURER CERTIFIED TO ARI AS COMPLYING WITH CERTIFICATION SECTION OF ARI STANDARD 210

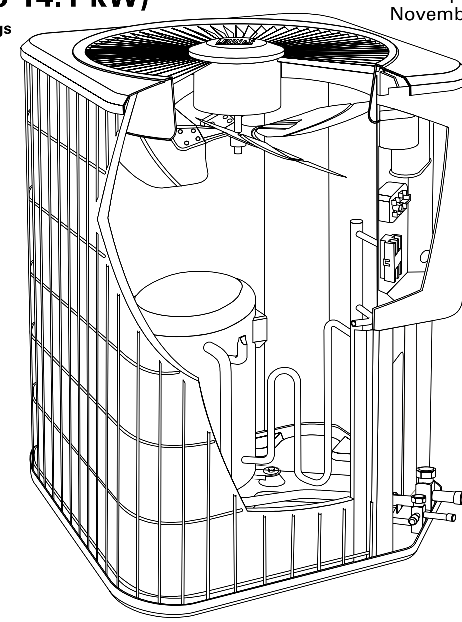
CERTIFICATION APPLIES ONLY WHEN THE COMPLETE SYSTEM IS LISTED WITH ARI

ISO 9000 REGISTERED WORLD CLASS QUALITY

Typical Application



Multiple Units on Rooftop



FEATURES — VALUE™ SERIES

Applications

- SEER'S of up to 11.10.
- 1-1/2 through 4 Ton (5.3 through 14.1 kW) sizes.
- Single phase power supply.
- Vertical air discharge allows concealment behind shrubs at grade level or out of sight on a roof.
- Matching blower powered or add-on furnace evaporator units provide a wide range of cooling capacities and applications. See ARI Ratings table.
- For evaporator unit data, see Coils – Blower Coil Units, this section.
- Units shipped completely factory assembled, piped and wired. Each unit is test operated at the factory insuring proper operation.
- Installer must set condensing unit, connect refrigerant lines and make electrical connections to complete job.

Approvals

- Rated in accordance with ARI Standard 210/240-89.
- Sound rated in Lennox reverberant sound test room in accordance with ARI Standard 270-84.
- Tested in the Lennox Research Laboratory environmental test room.
- Rated according to U.S. Department of Energy (DOE) test procedures.
- Condensing units and components within bonded for grounding to meet safety standards for servicing required by U.L., N.E.C. and C.E.C.
- Units are U.L. listed and C.S.A. certified.
- Developed in accordance with ISO 9000 quality standard.

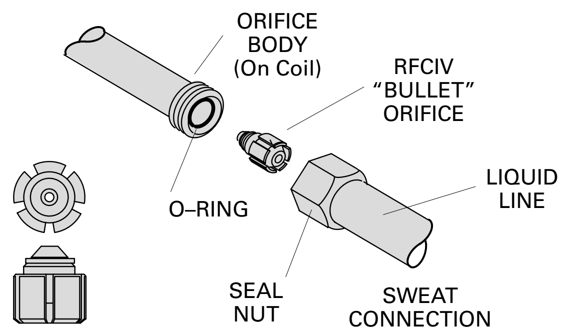
Equipment Warranty

- Compressor — Five years.
- All other covered components — One year.
- Refer to Lennox Equipment Limited Warranty certificate included with unit for specific details.

Refrigerant Flow Control

- 10ACB units are applicable to Lennox RFCIV systems when matched with specific evaporator coils.
- RFCIV accurately meters refrigerant in system.
- Refrigerant control is accomplished by exact sizing of refrigerant metering orifice.
- Principle of Lennox RFCIV system involves matching evaporator coil with proper bore size of orifice in metering device.
- RFCIV system equalizes pressure almost instantaneously after compressor stops, unit starts unloaded, eliminating need for additional controls.

RFCIV METERING SYSTEM



Unit Cabinet

- Heavy gauge steel cabinet with five station metal wash process.
- Baked-on outdoor enamel paint finish provides rust and corrosion protection.
- Painted base section.
- Control box is conveniently located with all controls factory wired.
- Corner patch plate allows access to compressor.
- Drainage holes are provided in base section for moisture removal.

✣ The maple leaf symbol in this bulletin denotes Canadian only usage where applicable

NOTE — Due to Lennox' ongoing committment to quality, Specifications, Ratings and Dimensions subject to change without notice and without incurring liability.

FEATURES — VALUE™ SERIES

Compressor
- Designed for dependable efficiency with minimum operating cost.
- Suction cooled and overload protected with internal pressure relief.
- Hermetically sealed with built-in protection from excessive current and temperatures.
- Crankcase heater assures proper compressor lubrication (10ACB42 and 10ACB48 models only).
- Running gear assembly resiliently suspended internally inside case. Compressor installed in unit on resilient rubber mounts assuring low sound and vibration free operation.

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

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

Refrigerant Line Connections, Electrical Inlets, Service Valves
- Sweat connection suction and liquid lines are located on corner of unit cabinet.
- Fully serviceable brass service valves prevent corrosion and provide access to refrigerant system. Suction valve can be fully shut off, while liquid valve may be frontseated to manage refrigerant charge while servicing system.
- 45° elbow furnished for ease of suction line connection.
- 10ACB18, 10ACb24 and 10ACB30 models are stubbed with 3/8 in. (9.5 mm) liquid line connection. 3/8 in. x 5/16 in. (9.5 mm x 7.9 mm) reducer bushing furnished with for liquid line connection.
- Field installed thermometer well furnished for installation in the liquid line to check refrigerant charge.
- Refrigerant line connections and field wiring inlets are located in one central area of cabinet for easy access. See dimension drawing.

Start Controls
- Furnished on 10ACB42 and 10ACB48 models.
- Provides assistance for compressor start under loaded conditions or in case of low voltage.

OPTIONAL ACCESSORIES (Must Be Ordered Extra)

Thermostat (Optional)
- Thermostat not furnished with unit. See Thermostats bulletin in Accessories Section and Lennox Price Book.

Refrigerant Line Kits (Optional)
- Refrigerant lines (suction & liquid) are shipped refrigeration clean. Lines are cleaned, dried, pressurized and sealed at factory.
- Suction line fully insulated.
- L15 lines are stubbed at both ends.
- See Refrigerant Line Kit table for selection.

Crankcase Heater (Optional)
- Crankcase heater P-8-8852 **(68887)** prevents migration of liquid refrigerant into compressor and ensures proper compressor lubrication.
- Furnished as standard on 10ACB42 and 10ACB48 models.

Timed-Off Control (Optional)
- Kit LB-61378A **(47J35)** prevents compressor short-cycling and allows time for suction and discharge pressure to equalize.
- Permits compressor start-up in an unloaded condition.
- Automatic reset with 5 minute delay between compressor shut-off and start-up.

Unit Stand-Off Kit (Optional)
- Black high density polyethylene feet **(94J45)** are available to raise unit off of mounting surface away from damaging moisture. Four feet are furnished per order number.

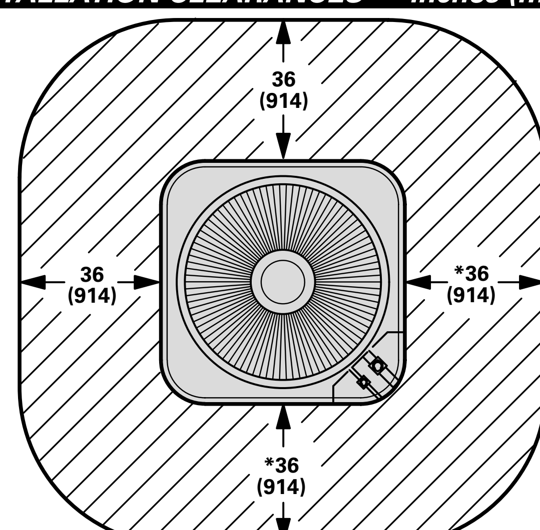
Mounting Base (Optional)
- MB2-S **(69J06)** high density polyethylene mounting base is lightweight, sturdy, sound absorbing and will withstand the effects of sun, heat, cold, moisture, oil and refrigerant.
- Provides permanent foundation for condensing units.
- 22-1/4" x 22-1/4" x 3" (565 mm x 565 mm x 76 mm) shipping weight 6 lbs. (3 kg) each.

✧ ***Compressor Monitor (Optional)***
- Compressor monitor T6-1469 **(45F08)** can be field installed.
- Non-adjustable switch (low ambient cut-out) prevents compressor operation when outdoor temperature is below 35°F (2°C).

REFRIGERANT LINE KITS

Condensing Unit Model No.	Line Set Model No.	Length of Lines		Liquid Line Outside Dia.		Suction Line Outside Dia.	
		ft.	m	in.	mm	in.	mm
10ACB18 10ACB24	L15-21-20	20	6	5/16	7.9	5/8	15.9
	L15-21-25	25	8				
	L15-21-35	35	11				
	L15-21-50	50	15				
10ACB30	L15-31-20	20	6	5/16	7.9	3/4	19
	L15-31-30	30	9				
	L15-31-40	40	12				
	L15-31-50	50	15				
10ACB36	L15-41-20	20	6	3/8	9.5	3/4	19
	L15-41-30	30	9				
	L15-41-40	40	12				
	L15-41-50	50	15				
10ACB42 10ACB48	L15-65-30	30	9	3/8	9.5	7/8	22.2
	L15-65-40	40	12				
	L15-65-50	50	15				

INSTALLATION CLEARANCES — inches (mm)



NOTE — 48 inch (1219 mm) clearance required on top of unit.
***NOTE — One side must be 36 inches (914 mm) for service. Two of the remaining three sides may be 12 inches (305 mm).**

SPECIFICATIONS

Model No.			10ACB18	10ACB24	10ACB30
Condenser Coil	Net face area - sq. ft. (m^2)	Outer coil	11.41 (1.06)	11.41 (1.06)	13.31 (1.24)
		Inner coil	- - - -	- - - -	- - - -
	Tube diameter — in. (mm) & no. of rows		5/16 (7.9) — 1	5/16 (7.9) — 1	5/16 (7.9) — 1
	Fins per inch (m)		22 (866)	22 (866)	22 (866)
Condenser Fan	Diameter — in. (mm) & no. of blades		18 (457) — 3	18 (457) — 3	18 (457) — 3
	Motor hp (W)		1/6 (124)	1/6 (124)	1/6 (124)
	Cfm (L/s)		2400 (1135)	2400 (1135)	2460 (1160)
	Rpm		1105	1105	1125
	Watts		180	180	170
*Refrigerant charge furnished (HCFC-22)			3 lbs. 12 oz. (1.70 kg)	3 lbs. 10 oz. (1.64 kg)	4 lbs. 5 oz. (1.96 kg)
Liquid line — in. (mm) o.d. connection (sweat)			†3/8 (9.5)	†3/8 (9.5)	†3/8 (9.5)
Suction line — in. (mm) o.d. connection (sweat)			5/8 (15.9)	5/8 (15.9)	3/4 (19.1)
Shipping weight — lbs. (kg) 1 package			146 (66)	148 (67)	157 (71)

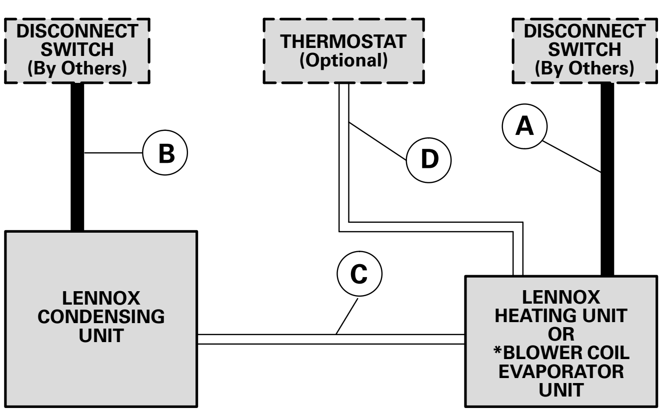
*Refrigerant charge sufficient for 20 ft. (6.0 m) length of refrigerant lines.
†3/8 x 5/16 in. (9.5 x 7.9 mm) adaptor furnished for liquid line connection.

SPECIFICATIONS

Model No.			10ACB36	10ACB42	10ACB48
Condenser Coil	Net face area - sq. ft. (m^2)	Outer coil	15.21 (1.41)	15.21 (1.41)	15.21 (1.41)
		Inner coil	- - - -	5.44 (0.51)	5.44 (0.51)
	Tube diameter — in. (mm) & no. of rows		5/16 (7.9) — 1	5/16 (7.9) — 1.37	5/16 (7.9) — 1.37
	Fins per inch (m)		22 (866)	22 (866)	22 (866)
Condenser Fan	Diameter — in. (mm) & no. of blades		18 (457) — 4	18 (457) — 4	18 (457) — 4
	Motor hp (W)		1/6 (124)	1/6 (124)	1/3 (249)
	Cfm (L/s)		2520 (1190)	2500 (1180)	2950 (1390)
	Rpm		1100	1100	1100
	Watts		200	200	310
*Refrigerant charge furnished (HCFC-22)			4 lbs. 10 oz. (2.10 kg)	6 lbs. 2 oz. (2.78 kg)	7 lbs. 3 oz. (3.26 kg)
Liquid line — in. (mm) o.d. connection (sweat)			3/8 (9.5)	3/8 (9.5)	3/8 (9.5)
Suction line — in. (mm) o.d. connection (sweat)			3/4 (19.1)	7/8 (22.2)	7/8 (22.2)
Shipping weight — lbs. (kg) 1 package			165 (75)	191 (87)	196 (89)

*Refrigerant charge sufficient for 20 ft. (6.0 m) length of refrigerant lines.

FIELD WIRING



A — Two Wire Power

B — Two Wire Power — See Electrical Data

C — Two Wire Low Voltage — 18 ga. minimum

D — Four Wire Low Voltage (Electro-Mechanical) 18 ga. minimum

Five Wire Low Voltage (Electronic) 18 ga. minimum

NOTE — Field Wiring Not Furnished

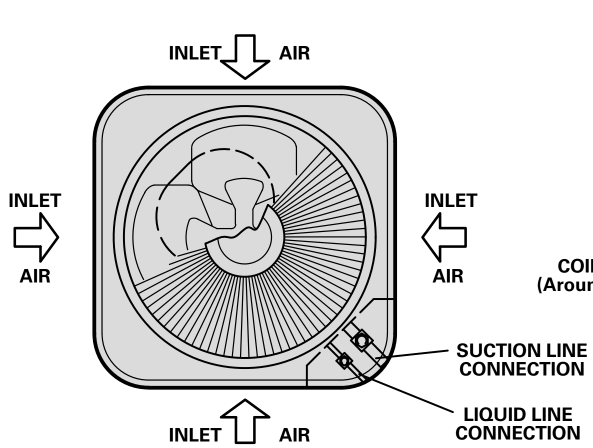
All wiring must conform to NEC or CEC and local electrical codes.

ELECTRICAL DATA

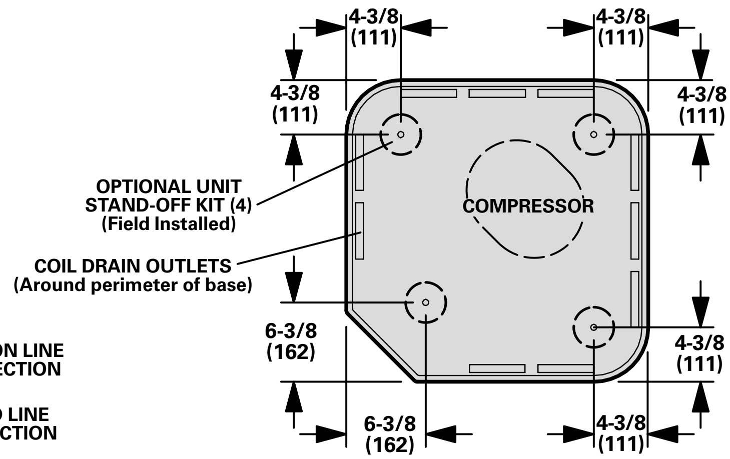
Model No.		10ACB18	10ACB24	10ACB30	10ACB36	10ACB42	10ACB48
Line voltage data — 60 hz		208/230v 1ph	208/230v 1ph	208/230v 1ph	208/230v 1ph	208/230v 1ph	208/230v 1ph
Compressor	Rated load amps	8.6	9.8	13.7	16.2	17.5	23.4
	Power factor	.97	.96	.92	.90	.98	.98
	Locked rotor amps	49.0	56.0	75.0	96.0	92.0	110.0
Condenser Coil Fan Motor	Full load amps	1.1	1.1	1.1	1.1	1.1	1.9
	Locked rotor amps	1.9	1.9	1.9	1.9	1.9	4.1
Rec. maximum fuse or circuit breaker size (amps)		20	20	30	35	40	50
*Minimum circuit ampacity		11.9	13.5	18.4	21.4	23.0	31.2

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

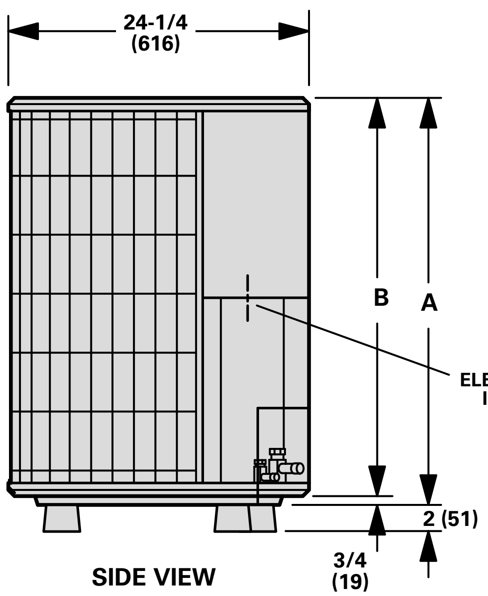
DIMENSIONS — inches (mm)



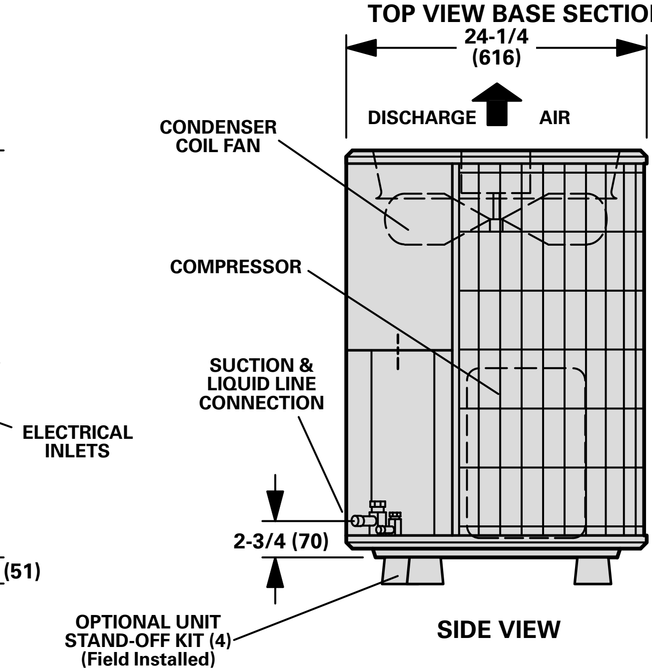
TOP VIEW



TOP VIEW BASE SECTION



SIDE VIEW



SIDE VIEW

Model No.		A	B
10ACB18 10ACB24	in.	25	24-1/4
	mm	635	616
10ACB30	in.	29	28-1/4
	mm	737	718
10ACB36 10ACB42 10ACB48	in.	33	32-1/4
	mm	838	819

ARI RATINGS — RFCIV SYSTEMS

Condensing Unit Model No. *Sound Rating Number (bels)	★ARI Standard 210/240 Ratings					Evaporator Unit			●RFCIV Metering Orifice Size Required
	†SEER (Btuh/ Watts)	EER (Btuh/ Watts)	Cooling Capacity		Total Unit Watts	Up-Flo	Down-Flo	Horizontal	
			Btuh	kW					
10ACB18 **U.S.** (7.8) **Canada** (7.6)	10.00	9.70	17,600	5.2	1820	- - - -	- - - -	CH24-21/B24	0.055 **(42J39)**
	10.50	9.85	18,000	5.3	1825	- - - -	- - - -	CH23-21	
	10.75	10.10	18,600	5.4	1845	C22-21FC/B24	- - - -	- - - -	
	10.50	10.15	18,600	5.4	1835	- - - -	CR26-21	- - - -	
	10.70	10.10	18,600	5.4	1845	- - - -	- - - -	CH22-21	
	11.00	10.30	19,000	5.6	1845	C23-26(FC), C23-26W(FC)	- - - -	- - - -	
						C24-26FC/B24, C24-26WFC/B24	- - - -	- - - -	
	11.00	10.45	19,400	5.7	1855	C22-26FC/B24	- - - -	- - - -	
10ACB24 **U.S.** (8.0) **Canada** (7.6)	10.00	9.55	22,600	6.6	2365	- - - -	CR26-21	- - - -	0.062 **(66J87)**
	10.55	9.65	23,000	6.7	2380	- - - -	- - - -	CH22-21	
	10.50	9.65	23,000	6.7	2380	C22-21FC/B24	- - - -	- - - -	
	11.00	9.70	23,200	6.8	2390	- - - -	- - - -	CH22-31	
	10.65	9.70	23,200	6.8	2390	- - - -	- - - -	CH23-31	
	10.80	9.75	23,400	6.9	2395	C23-26(FC), C23-26W(FC)	- - - -	- - - -	
						C24-26FC/B24, C24-26WFC/B24	- - - -	- - - -	
	10.70	9.80	23,400	6.9	2395	- - - -	- - - -	CH24-31/B24	
	11.00	9.85	23,800	7.0	2410	C22-26FC/B24	- - - -	- - - -	
	10.85	9.90	23,800	7.0	2405	C23-31(FC), C23-31W(FC)	- - - -	- - - -	
						C24-31FC/B24, C24-31WFC/B24	- - - -	- - - -	
	11.00	10.05	24,400	7.1	2425	- - - -	CR26-31	- - - -	
	11.10	10.05	24,600	7.2	2445	C22-31FC/B24	- - - -	- - - -	
10ACB30 **U.S.** (8.0) **Canada** (7.6)	10.00	9.00	27,200	8.0	3025	C23-31(FC), C23-31W(FC)	- - - -	- - - -	0.065 **(42J44)**
						C24-31FC/B24, C24-31WFC/B24	- - - -	- - - -	
	10.00	8.80	27,400	8.0	3110	- - - -	- - - -	CH24–41/B24	
	10.00	9.10	27,600	8.1	3040	C23-41(FC), C23-41W(FC)	- - - -	- - - -	
						C24-41FC/B24, C24-41WFC/B24	- - - -	- - - -	
	10.00	9.00	27,600	8.1	3065	- - - -	CR26-31	- - - -	
	10.00	9.05	27,600	8.1	3055	- - - -	- - - -	CH23-41	
	10.00	9.20	28,200	8.3	3070	- - - -	- - - -	CH22-31	
	10.00	9.20	28,400	8.3	3080	- - - -	- - - -	CH22-41	
	10.00	9.35	28,800	8.4	3080	C22-31FC/B24	- - - -	- - - -	
	10.50	9.30	28,800	8.4	3100	- - - -	CR26-41	- - - -	
	10.50	9.35	29,200	8.6	3115	C22-41FC/B24	- - - -	- - - -	

★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 20 ft. (6.1 m) of connecting refrigerant lines.
*Sound Rating Number in accordance with ARI Standard 270.
†Seasonal Energy Efficiency Ratio (Btuh/Watt).
●RFCIV metering device furnished with 10ACB condensing unit for field installation in evaporator coil.
NOTE — B24 Blowers are not included with ratings for C22/24 series coils. B24 is shown for matching purposes only.
NOTE — Shaded area denotes most popular evaporator coil.

ARI RATINGS — RFCIV SYSTEMS

Condensing Unit Model No. *Sound Rating Number (bels)	★ARI Standard 210/240 Ratings					Evaporator Unit			●RFCIV Metering Orifice Size Required
	†SEER (Btuh/ Watts)	EER (Btuh/ Watts)	Cooling Capacity Btuh	Cooling Capacity kW	Total Unit Watts	Up-Flo	Down-Flo	Horizontal	
10ACB36 **U.S.** (8.0) **Canada** (7.6)	10.00	8.95	33,600	9.8	3750	C23-41(FC), C23-41W(FC)	- - - -	- - - -	0.074 **(42J49)**
						C24-41FC/B24, C24-41WFC/B24	- - - -	- - - -	
	10.00	9.25	34,400	10.1	3725	C22-31FC/B24	- - - -	- - - -	
	10.00	9.05	34,800	10.2	3850	C23-46(FC)	- - - -	- - - -	
						C24-46FC/B24	- - - -	- - - -	
	10.00	9.05	35,000	10.3	3860	- - - -	- - - -	CH23-41	
	10.00	9.15	35,200	10.3	3840	- - - -	CR26-41	- - - -	
	10.00	9.20	35,200	10.3	3825	- - - -	- - - -	CH22-41	
	10.00	9.25	35,600	10.4	3850	C22-41FC/B24	- - - -	- - - -	
	10.00	9.15	36,000	10.5	3915	C23-51(FC)	- - - -	- - - -	
						C24-51FC/B24	- - - -	- - - -	
10ACB42 **U.S.** (8.2) **Canada** (8.0)	10.00	9.15	38,000	11.1	4165	- - - -	- - - -	CH22-41	0.080 **(42J52)**
	10.00	9.15	39,000	11.4	4165	C22-41FC/B24	- - - -	- - - -	
	10.00	9.05	39,000	11.4	4300	C23-46(FC)	- - - -	- - - -	
						C24-46FC/B24	- - - -	- - - -	
	10.00	9.15	39,500	11.6	4325	- - - -	- - - -	CH23-41	
	10.00	9.15	39,500	11.6	4330	- - - -	- - - -	CH24-51/B24	
	10.00	9.15	40,000	11.7	4360	- - - -	- - - -	CH23-51	
	10.00	9.25	40,500	11.9	4375	C23-51(FC)	- - - -	- - - -	
						C24-51FC/B24	- - - -	- - - -	
	10.00	9.25	40,500	11.9	4370	- - - -	CR26-51	- - - -	
10ACB48 **U.S.** (8.4) **Canada** (8.2)	10.00	9.20	45,500	13.3	4945	C23-51(FC)	- - - -	- - - -	0.086 **(42J55)**
						C24-51FC/B24	- - - -	- - - -	
	10.00	9.10	45,500	13.3	4995	- - - -	- - - -	CH23-51	
	10.00	9.15	46,000	13.5	5020	- - - -	- - - -	CH24-65/B24	
	10.00	9.15	46,000	13.5	5015	- - - -	- - - -	CH23-65	
	10.00	9.20	46,500	13.6	5045	C23-51/65	- - - -	- - - -	
						C24-65FC/B24	- - - -	- - - -	
	10.00	9.25	46,500	13.6	5040	- - - -	CR26-65	- - - -	

★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 20 ft. (6.1 m) of connecting refrigerant lines.
*Sound Rating Number in accordance with ARI Standard 270.
†Seasonal Energy Efficiency Ratio (Btuh/Watt).
●RFCIV metering device furnished with 10ACB condensing unit for field installation in evaporator coil.
NOTE — B24 Blowers are not included with ratings for C22/24 series coils. B24 is shown for matching purposes only.
NOTE — Shaded area denotes most popular evaporator coil.

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

10ACB18 — CH24-21/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) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	235	500	5.1	17,400	1300	.72	.86	.97	4.8	16,500	1380	.74	.88	.99	4.5	15,400	1470	.76	.91	1.00	4.2	14,500	1550	.79	.94	1.00
	285	600	5.3	18,000	1310	.76	.91	1.00	5.0	17,000	1400	.78	.93	1.00	4.7	16,000	1490	.81	.96	1.00	4.4	15,000	1580	.84	.98	1.00
	330	700	5.4	18,500	1320	.80	.95	1.00	5.1	17,500	1410	.82	.97	1.00	4.8	16,500	1510	.85	.99	1.00	4.5	15,500	1600	.88	1.00	1.00
67°F (19.4°C)	235	500	5.5	18,700	1320	.57	.70	.82	5.2	17,600	1420	.58	.71	.85	4.8	16,500	1510	.59	.73	.87	4.5	15,400	1600	.60	.76	.90
	285	600	5.6	19,200	1330	.59	.74	.88	5.3	18,100	1430	.60	.76	.90	5.0	17,000	1520	.61	.78	.93	4.6	15,800	1610	.63	.81	.96
	330	700	5.7	19,600	1330	.61	.78	.92	5.4	18,400	1440	.63	.80	.95	5.1	17,300	1530	.64	.83	.97	4.7	16,100	1620	.66	.86	.99
71°F (21.7°C)	235	500	5.9	20,000	1340	.42	.55	.67	5.5	18,900	1450	.43	.56	.69	5.2	17,800	1550	.43	.57	.71	4.9	16,600	1640	.44	.58	.73
	285	600	6.0	20,500	1350	.43	.57	.71	5.7	19,400	1460	.44	.58	.73	5.3	18,200	1560	.44	.60	.76	5.0	17,000	1660	.45	.62	.78
	330	700	6.1	20,900	1350	.44	.60	.75	5.8	19,700	1460	.45	.61	.77	5.4	18,500	1570	.45	.63	.80	5.1	17,300	1670	.46	.65	.83

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

10ACB18 — CH23-21

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	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	5.3	18,000	1410	.72	.85	.97	5.0	17,000	1510	.73	.87	.99	4.7	15,900	1610	.75	.90	1.00	4.3	14,800	1700	.78	.93	1.00
	285	600	5.5	18,700	1420	.76	.90	1.00	5.2	17,600	1530	.78	.93	1.00	4.8	16,500	1630	.80	.96	1.00	4.5	15,400	1730	.83	.98	1.00
	330	700	5.6	19,200	1430	.79	.95	1.00	5.3	18,100	1540	.82	.97	1.00	5.0	17,000	1650	.85	.99	1.00	4.7	16,000	1760	.88	1.00	1.00
67°F (19.4°C)	235	500	5.7	19,300	1440	.56	.69	.81	5.3	18,200	1550	.57	.71	.84	5.0	17,100	1650	.58	.73	.86	4.7	15,900	1750	.60	.75	.89
	285	600	5.8	19,900	1450	.58	.73	.87	5.5	18,800	1560	.60	.75	.89	5.2	17,600	1670	.61	.77	.92	4.8	16,400	1770	.63	.80	.95
	330	700	6.0	20,400	1450	.61	.77	.92	5.6	19,200	1570	.62	.79	.94	5.2	17,900	1680	.64	.82	.97	4.9	16,700	1790	.66	.85	.99
71°F (21.7°C)	235	500	6.1	20,800	1460	.42	.54	.66	5.7	19,600	1580	.43	.55	.68	5.4	18,400	1690	.43	.56	.70	5.0	17,200	1800	.44	.58	.72
	285	600	6.3	21,400	1470	.43	.57	.70	5.9	20,100	1590	.44	.58	.72	5.5	18,900	1710	.44	.59	.75	5.2	17,600	1820	.45	.61	.77
	330	700	6.4	21,800	1470	.44	.59	.74	6.0	20,500	1600	.45	.61	.77	5.6	19,200	1720	.45	.62	.79	5.2	17,900	1830	.46	.65	.83

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

10ACB18 — C22-21FC/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			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	235	500	5.5	18,700	1320	.72	.85	.97	5.2	17,700	1410	.74	.88	.99	4.9	16,600	1500	.76	.90	1.00	4.5	15,500	1590	.78	.94	1.00
	285	600	5.7	19,400	1330	.76	.91	1.00	5.4	18,300	1430	.78	.93	1.00	5.0	17,200	1520	.81	.96	1.00	4.7	16,100	1610	.83	.99	1.00
	330	700	5.9	20,000	1340	.80	.95	1.00	5.5	18,800	1440	.82	.98	1.00	5.2	17,700	1540	.85	1.00	1.00	4.9	16,700	1640	.88	1.00	1.00
67°F (19.4°C)	235	500	5.9	20,100	1340	.56	.69	.82	5.5	18,900	1440	.57	.71	.84	5.2	17,800	1540	.58	.73	.87	4.9	16,600	1630	.60	.75	.90
	285	600	6.1	20,700	1350	.59	.73	.87	5.7	19,500	1450	.60	.75	.90	5.3	18,200	1560	.61	.78	.93	5.0	17,000	1650	.63	.81	.96
	330	700	6.2	21,200	1350	.61	.77	.92	5.8	19,900	1460	.62	.80	.95	5.5	18,600	1570	.64	.83	.97	5.1	17,400	1660	.66	.86	1.00
71°F (21.7°C)	235	500	6.3	21,600	1360	.42	.54	.66	6.0	20,400	1470	.43	.55	.68	5.6	19,100	1580	.43	.57	.70	5.2	17,900	1680	.44	.58	.73
	285	600	6.5	22,200	1370	.43	.57	.71	6.1	20,900	1480	.44	.58	.73	5.7	19,600	1590	.44	.60	.75	5.4	18,300	1700	.45	.61	.78
	330	700	6.6	22,600	1370	.44	.60	.75	6.2	21,300	1490	.45	.61	.77	5.9	20,000	1600	.45	.63	.80	5.5	18,600	1710	.46	.65	.83

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

10ACB18 — CR26-21

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	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	5.4	18,500	1310	.71	.84	.96	5.1	17,500	1400	.73	.87	.98	4.8	16,400	1490	.75	.89	1.00	4.5	15,300	1580	.77	.92	1.00
	285	600	5.6	19,200	1320	.75	.89	1.00	5.3	18,100	1420	.77	.92	1.00	5.0	17,000	1510	.79	.95	1.00	4.7	15,900	1600	.82	.97	1.00
	330	700	5.8	19,700	1330	.78	.94	1.00	5.5	18,600	1430	.81	.96	1.00	5.1	17,500	1530	.83	.98	1.00	4.8	16,400	1620	.86	1.00	1.00
67°F (19.4°C)	235	500	5.9	20,000	1330	.56	.68	.81	5.5	18,800	1440	.57	.70	.83	5.2	17,600	1530	.58	.72	.86	4.8	16,500	1620	.59	.74	.89
	285	600	6.0	20,600	1340	.58	.72	.86	5.7	19,400	1450	.59	.74	.88	5.3	18,100	1550	.60	.76	.91	5.0	16,900	1640	.62	.79	.94
	330	700	6.2	21,000	1350	.60	.76	.90	5.8	19,800	1460	.61	.78	.93	5.4	18,500	1560	.63	.81	.96	5.0	17,200	1650	.65	.84	.98
71°F (21.7°C)	235	500	6.3	21,400	1360	.42	.54	.66	5.9	20,200	1470	.43	.55	.67	5.6	19,000	1570	.43	.56	.69	5.2	17,800	1670	.43	.57	.71
	285	600	6.5	22,100	1360	.43	.56	.69	6.1	20,800	1480	.43	.57	.71	5.7	19,500	1580	.44	.59	.74	5.3	18,200	1690	.44	.60	.76
	330	700	6.6	22,500	1370	.44	.58	.73	6.2	21,200	1480	.44	.60	.75	5.8	19,900	1590	.45	.61	.78	5.5	18,600	1700	.46	.63	.81

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

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

10ACB18 — CH22-21

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)					
	L/s	cfm	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	235	500	5.5	18,600	1320	.72	.85	.97	5.1	17,500	1410	.74	.88	.99	4.8	16,400	1500	.76	.90	1.00	4.5	15,300	1590	.78	.94	1.00
	285	600	5.6	19,200	1330	.76	.91	1.00	5.3	18,100	1430	.78	.93	1.00	5.0	17,000	1520	.81	.96	1.00	4.7	15,900	1610	.83	.99	1.00
	330	700	5.8	19,800	1340	.80	.95	1.00	5.5	18,700	1440	.82	.98	1.00	5.2	17,600	1540	.85	1.00	1.00	4.8	16,500	1640	.88	1.00	1.00
67°F (19.4°C)	235	500	5.8	19,900	1340	.56	.69	.82	5.5	18,700	1440	.57	.71	.84	5.2	17,600	1540	.58	.73	.87	4.8	16,400	1630	.60	.75	.90
	285	600	6.0	20,500	1350	.59	.73	.87	5.7	19,300	1450	.60	.75	.90	5.3	18,100	1560	.61	.78	.93	4.9	16,800	1650	.63	.81	.96
	330	700	6.1	20,900	1350	.61	.77	.92	5.8	19,700	1460	.62	.80	.95	5.4	18,400	1570	.64	.83	.97	5.0	17,200	1660	.66	.86	1.00
71°F (21.7°C)	235	500	6.3	21,400	1360	.42	.54	.66	5.9	20,200	1470	.43	.55	.68	5.5	18,900	1580	.43	.57	.70	5.2	17,700	1680	.44	.58	.73
	285	600	6.4	22,000	1370	.43	.57	.71	6.1	20,700	1480	.44	.58	.73	5.7	19,400	1590	.44	.60	.75	5.3	18,100	1700	.45	.61	.78
	330	700	6.6	22,400	1370	.44	.60	.75	6.2	21,100	1490	.45	.61	.77	5.8	19,800	1600	.45	.63	.80	5.4	18,400	1710	.46	.65	.83

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

10ACB18 — 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)					
	L/s	cfm	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	235	500	5.6	19,000	1400	.72	.85	.97	5.2	17,900	1500	.73	.87	.99	4.9	16,800	1600	.75	.90	1.00	4.6	15,700	1690	.78	.93	1.00
	285	600	5.8	19,700	1410	.76	.90	1.00	5.5	18,600	1520	.78	.93	1.00	5.1	17,400	1620	.80	.96	1.00	4.8	16,300	1710	.83	.98	1.00
	330	700	5.9	20,300	1420	.79	.95	1.00	5.6	19,100	1530	.82	.97	1.00	5.3	18,000	1640	.85	.99	1.00	5.0	16,900	1740	.88	1.00	1.00
67°F (19.4°C)	235	500	6.0	20,400	1420	.56	.69	.81	5.6	19,200	1530	.57	.71	.84	5.3	18,000	1640	.58	.73	.86	4.9	16,800	1740	.60	.75	.89
	285	600	6.2	21,100	1430	.58	.73	.87	5.8	19,800	1540	.60	.75	.89	5.4	18,500	1650	.61	.77	.92	5.1	17,300	1760	.63	.80	.95
	330	700	6.3	21,500	1440	.61	.77	.92	5.9	20,200	1550	.62	.79	.94	5.5	18,900	1660	.64	.82	.97	5.2	17,700	1770	.66	.85	.99
71°F (21.7°C)	235	500	6.4	21,900	1450	.42	.54	.66	6.1	20,700	1560	.43	.55	.68	5.7	19,400	1680	.43	.56	.70	5.3	18,200	1790	.44	.58	.72
	285	600	6.6	22,600	1450	.43	.57	.70	6.2	21,300	1570	.44	.58	.72	5.8	19,900	1690	.44	.59	.75	5.5	18,600	1800	.45	.61	.77
	330	700	6.7	23,000	1460	.44	.59	.74	6.4	21,700	1580	.45	.61	.77	5.9	20,300	1700	.45	.62	.79	5.5	18,900	1820	.46	.65	.83

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

10ACB18 — C22-26FC/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)					
	L/s	cfm	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	235	500	5.7	19,400	1330	.72	.85	.97	5.4	18,300	1430	.73	.87	.99	5.0	17,100	1520	.75	.90	1.00	4.7	15,900	1610	.78	.93	1.00
	285	600	5.9	20,100	1340	.76	.90	1.00	5.5	18,900	1440	.78	.93	1.00	5.2	17,700	1540	.80	.96	1.00	4.9	16,600	1640	.83	.99	1.00
	330	700	6.1	20,700	1350	.80	.95	1.00	5.7	19,500	1450	.82	.98	1.00	5.4	18,400	1560	.85	1.00	1.00	5.1	17,300	1660	.88	1.00	1.00
67°F (19.4°C)	235	500	6.1	20,900	1350	.56	.69	.81	5.7	19,600	1460	.57	.70	.84	5.4	18,400	1560	.58	.73	.86	5.0	17,100	1660	.60	.75	.90
	285	600	6.3	21,500	1360	.58	.73	.87	5.9	20,200	1470	.60	.75	.89	5.5	18,900	1570	.61	.77	.92	5.2	17,600	1670	.63	.80	.96
	330	700	6.4	22,000	1370	.61	.77	.92	6.1	20,700	1480	.62	.79	.95	5.7	19,300	1590	.64	.82	.97	5.3	18,000	1690	.66	.85	1.00
71°F (21.7°C)	235	500	6.6	22,400	1370	.42	.54	.66	6.2	21,100	1490	.43	.55	.68	5.8	19,800	1600	.43	.56	.70	5.4	18,500	1700	.43	.58	.72
	285	600	6.8	23,100	1380	.43	.57	.70	6.4	21,700	1500	.44	.58	.72	5.9	20,300	1610	.44	.59	.75	5.6	19,000	1720	.45	.61	.78
	330	700	6.9	23,600	1380	.44	.59	.74	6.5	22,200	1500	.45	.61	.77	6.1	20,700	1620	.45	.63	.80	5.7	19,300	1730	.46	.65	.83

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

10ACB24 — CR26-21

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil 85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
	L/s	cfm	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	305	650	6.6	22,500	1750	.72	.85	.96	6.2	21,300	1860	.73	.87	.98	5.9	20,000	1970	.75	.90	1.00	5.5	18,700	2070	.77	.92	1.00
	375	800	6.8	23,300	1770	.75	.90	1.00	6.5	22,100	1890	.77	.93	1.00	6.1	20,700	2000	.80	.95	1.00	5.7	19,400	2110	.83	.98	1.00
	450	950	7.0	24,000	1790	.80	.95	1.00	6.7	22,700	1910	.82	.97	1.00	6.3	21,400	2030	.85	.99	1.00	5.9	20,100	2140	.88	1.00	1.00
67°F (19.4°C)	305	650	7.1	24,100	1790	.56	.69	.81	6.7	22,800	1910	.57	.70	.83	6.3	21,400	2030	.58	.72	.86	5.9	20,000	2140	.59	.74	.89
	375	800	7.3	24,900	1810	.58	.73	.87	6.9	23,500	1940	.60	.75	.89	6.5	22,100	2050	.61	.77	.92	6.0	20,500	2160	.63	.80	.95
	450	950	7.5	25,500	1830	.61	.77	.92	7.0	24,000	1950	.62	.79	.94	6.6	22,500	2070	.64	.82	.97	6.2	21,000	2190	.66	.85	.99
71°F (21.7°C)	305	650	7.6	25,900	1840	.42	.54	.66	7.2	24,500	1970	.43	.55	.67	6.7	23,000	2090	.43	.56	.69	6.3	21,500	2210	.43	.58	.72
	375	800	7.8	26,700	1860	.43	.57	.70	7.4	25,200	1990	.44	.58	.72	6.9	23,700	2120	.44	.59	.75	6.5	22,100	2240	.45	.61	.77
	450	950	8.0	27,300	1870	.44	.59	.75	7.5	25,700	2010	.45	.61	.77	7.1	24,100	2140	.45	.62	.80	6.6	22,500	2260	.46	.65	.83

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

RFCIV RATINGS

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

10ACB24 — CH22-21

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)					
	L/s	cfm	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	305	650	6.7	23,000	1760	.73	.86	.97	6.4	21,700	1880	.74	.88	.99	6.0	20,400	1990	.76	.91	1.00	5.6	19,100	2090	.79	.94	1.00
	375	800	7.0	23,900	1780	.77	.92	1.00	6.6	22,600	1910	.79	.94	1.00	6.2	21,200	2020	.82	.97	1.00	5.8	19,900	2130	.85	.99	1.00
	450	950	7.2	24,600	1800	.82	.97	1.00	6.8	23,300	1930	.84	.99	1.00	6.4	22,000	2050	.87	1.00	1.00	6.1	20,700	2170	.90	1.00	1.00
67°F (19.4°C)	305	650	7.2	24,600	1800	.57	.70	.83	6.8	23,200	1930	.58	.71	.85	6.4	21,800	2040	.59	.74	.87	5.9	20,300	2150	.60	.76	.91
	375	800	7.4	25,400	1820	.59	.75	.89	7.0	23,900	1950	.61	.77	.91	6.6	22,400	2070	.62	.79	.94	6.1	20,900	2180	.64	.82	.97
	450	950	7.6	25,900	1840	.62	.79	.94	7.2	24,500	1970	.64	.82	.96	6.7	22,900	2090	.65	.84	.99	6.3	21,400	2200	.68	.88	1.00
71°F (21.7°C)	305	650	7.7	26,400	1850	.43	.55	.67	7.3	24,900	1980	.43	.56	.69	6.9	23,400	2110	.43	.57	.71	6.4	21,900	2230	.44	.59	.73
	375	800	8.0	27,200	1870	.43	.58	.72	7.5	25,600	2000	.44	.59	.74	7.0	24,000	2130	.44	.61	.77	6.6	22,400	2250	.45	.63	.80
	450	950	8.1	27,700	1880	.45	.61	.77	7.6	26,100	2020	.45	.62	.79	7.2	24,500	2150	.46	.64	.82	6.7	22,800	2270	.47	.66	.85

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

10ACB24 — C22-21FC/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)					
	L/s	cfm	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	305	650	6.5	22,300	1760	.73	.86	.97	6.2	21,100	1880	.74	.88	.99	5.8	19,800	1990	.76	.91	1.00	5.4	18,500	2090	.79	.94	1.00
	375	800	6.8	23,200	1780	.77	.92	1.00	6.4	21,900	1910	.79	.94	1.00	6.0	20,600	2020	.82	.97	1.00	5.7	19,300	2130	.85	.99	1.00
	450	950	7.0	23,900	1800	.82	.97	1.00	6.6	22,600	1930	.84	.99	1.00	6.2	21,300	2050	.87	1.00	1.00	5.9	20,100	2170	.90	1.00	1.00
67°F (19.4°C)	305	650	7.0	23,900	1800	.57	.70	.83	6.6	22,500	1930	.58	.71	.85	6.2	21,200	2040	.59	.74	.87	5.8	19,700	2150	.60	.76	.91
	375	800	7.2	24,600	1820	.59	.75	.89	6.8	23,200	1950	.61	.77	.91	6.4	21,800	2070	.62	.79	.94	5.9	20,300	2180	.64	.82	.97
	450	950	7.4	25,200	1840	.62	.79	.94	6.9	23,700	1970	.64	.82	.96	6.5	22,300	2090	.65	.84	.99	6.1	20,700	2200	.68	.88	1.00
71°F (21.7°C)	305	650	7.5	25,600	1850	.43	.55	.67	7.1	24,200	1980	.43	.56	.69	6.7	22,700	2110	.43	.57	.71	6.2	21,200	2230	.44	.59	.73
	375	800	7.7	26,300	1870	.43	.58	.72	7.3	24,900	2000	.44	.59	.74	6.8	23,300	2130	.44	.61	.77	6.4	21,700	2250	.45	.63	.80
	450	950	7.9	26,900	1880	.45	.61	.77	7.4	25,400	2020	.45	.62	.79	7.0	23,800	2150	.46	.64	.82	6.5	22,100	2270	.47	.66	.85

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

10ACB24 — CH22-31

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)					
	L/s	cfm	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	305	650	7.1	24,100	1800	.72	.85	.97	6.7	22,700	1920	.74	.88	.99	6.2	21,300	2040	.76	.90	1.00	5.8	19,800	2150	.78	.94	1.00
	375	800	7.4	25,100	1830	.76	.91	1.00	6.9	23,600	1960	.79	.94	1.00	6.5	22,100	2080	.81	.97	1.00	6.1	20,700	2190	.84	.99	1.00
	450	950	7.6	25,900	1850	.81	.96	1.00	7.2	24,400	1980	.83	.99	1.00	6.7	23,000	2110	.86	1.00	1.00	6.3	21,600	2240	.90	1.00	1.00
67°F (19.4°C)	305	650	7.6	25,800	1850	.56	.69	.82	7.1	24,300	1980	.57	.71	.84	6.7	22,800	2100	.58	.73	.87	6.2	21,200	2220	.60	.75	.90
	375	800	7.8	26,700	1870	.59	.74	.88	7.4	25,100	2000	.60	.76	.91	6.9	23,500	2130	.62	.78	.94	6.4	21,800	2250	.64	.82	.97
	450	950	8.0	27,400	1880	.62	.78	.93	7.5	25,700	2020	.63	.81	.96	7.1	24,100	2150	.65	.84	.99	6.5	22,300	2270	.67	.87	1.00
71°F (21.7°C)	305	650	8.1	27,800	1900	.42	.54	.66	7.7	26,200	2040	.43	.55	.68	7.2	24,500	2170	.43	.57	.70	6.7	22,800	2290	.44	.58	.73
	375	800	8.4	28,700	1920	.43	.57	.71	7.9	27,000	2060	.44	.59	.73	7.4	25,300	2200	.44	.60	.76	6.9	23,400	2320	.45	.62	.79
	450	950	8.6	29,300	1930	.44	.60	.76	8.1	27,600	2080	.45	.62	.78	7.6	25,800	2210	.46	.64	.81	7.0	23,900	2340	.47	.66	.85

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

10ACB24 — 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)					
	L/s	cfm	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	305	650	6.9	23,600	1840	.72	.85	.97	6.5	22,300	1960	.74	.88	.99	6.1	20,900	2080	.76	.90	1.00	5.7	19,500	2180	.78	.93	1.00
	375	800	7.2	24,500	1860	.76	.91	1.00	6.8	23,200	1990	.79	.94	1.00	6.4	21,700	2110	.81	.96	1.00	5.9	20,300	2230	.84	.99	1.00
	450	950	7.4	25,300	1880	.81	.96	1.00	7.0	23,900	2020	.83	.98	1.00	6.6	22,600	2150	.86	1.00	1.00	6.2	21,200	2270	.89	1.00	1.00
67°F (19.4°C)	305	650	7.4	25,300	1880	.56	.69	.82	7.0	23,900	2010	.57	.71	.84	6.6	22,400	2140	.58	.73	.87	6.1	20,800	2250	.60	.75	.90
	375	800	7.7	26,200	1900	.59	.74	.88	7.2	24,600	2040	.60	.76	.90	6.8	23,100	2170	.62	.78	.93	6.3	21,500	2290	.63	.81	.96
	450	950	7.9	26,800	1920	.62	.78	.93	7.4	25,200	2060	.63	.81	.96	6.9	23,600	2190	.65	.84	.98	6.4	21,900	2310	.67	.87	1.00
71°F (21.7°C)	305	650	8.0	27,200	1930	.42	.54	.66	7.5	25,600	2070	.43	.55	.68	7.1	24,100	2210	.43	.57	.70	6.6	22,400	2330	.44	.58	.73
	375	800	8.2	28,000	1950	.43	.57	.71	7.7	26,400	2100	.44	.59	.73	7.3	24,800	2230	.44	.60	.76	6.7	23,000	2360	.45	.62	.79
	450	950	8.4	28,700	1970	.44	.60	.76	7.9	27,000	2110	.45	.62	.78	7.4	25,200	2250	.46	.64	.81	6.9	23,500	2380	.46	.66	.85

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

RFCIV RATINGS

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

10ACB24 — 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) Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			95°F (35°C) Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			105°F (41°C) Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			115°F (46°C) Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	305	650	6.8	23,200	1810	.72	.86	.97	6.4	22,000	1930	.74	.88	.99	6.1	20,700	2040	.76	.91	1.00	5.7	19,300	2140	.78	.94	1.00
	375	800	7.1	24,100	1830	.77	.91	1.00	6.7	22,800	1960	.79	.94	1.00	6.3	21,500	2070	.81	.96	1.00	5.9	20,100	2190	.84	.99	1.00
	450	950	7.3	24,900	1850	.81	.96	1.00	6.9	23,600	1980	.83	.98	1.00	6.5	22,200	2110	.86	1.00	1.00	6.1	20,900	2230	.89	1.00	1.00
67°F (19.4°C)	305	650	7.3	24,900	1850	.56	.69	.82	6.9	23,500	1980	.57	.71	.84	6.5	22,100	2100	.59	.73	.87	6.0	20,600	2210	.60	.76	.90
	375	800	7.5	25,700	1870	.59	.74	.88	7.1	24,200	2000	.60	.76	.91	6.7	22,700	2130	.62	.79	.93	6.2	21,200	2240	.63	.82	.96
	450	950	7.7	26,300	1890	.62	.79	.93	7.3	24,800	2020	.63	.81	.96	6.8	23,200	2150	.65	.84	.98	6.3	21,600	2260	.67	.87	1.00
71°F (21.7°C)	305	650	7.8	26,700	1900	.42	.55	.67	7.4	25,300	2040	.43	.56	.68	6.9	23,700	2170	.43	.57	.70	6.5	22,200	2290	.44	.58	.73
	375	800	8.1	27,500	1920	.43	.57	.71	7.6	26,000	2060	.44	.59	.74	7.2	24,400	2190	.44	.60	.76	6.7	22,700	2310	.45	.62	.79
	450	950	8.2	28,100	1930	.44	.60	.76	7.8	26,500	2070	.45	.62	.79	7.3	24,800	2210	.46	.64	.81	6.8	23,100	2330	.46	.66	.85

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

10ACB24 — CH24-31/B24

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil: 85°F (29°C) Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			95°F (35°C) Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			105°F (41°C) Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			115°F (46°C) Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	305	650	6.9	23,500	1720	.72	.86	.97	6.5	22,200	1830	.74	.88	.99	6.1	20,900	1940	.76	.91	1.00	5.7	19,500	2040	.78	.94	1.00
	375	800	7.2	24,400	1740	.77	.91	1.00	6.7	23,000	1860	.79	.94	1.00	6.4	21,700	1970	.81	.96	1.00	5.9	20,300	2080	.84	.99	1.00
	450	950	7.4	25,100	1760	.81	.96	1.00	7.0	23,800	1880	.83	.98	1.00	6.6	22,400	2000	.86	1.00	1.00	6.2	21,100	2120	.89	1.00	1.00
67°F (19.4°C)	305	650	7.4	25,200	1760	.56	.69	.82	7.0	23,800	1880	.57	.71	.84	6.5	22,300	2000	.59	.73	.87	6.1	20,800	2100	.60	.76	.90
	375	800	7.6	25,900	1780	.59	.74	.88	7.2	24,500	1910	.60	.76	.91	6.7	22,900	2020	.62	.79	.93	6.3	21,400	2130	.63	.82	.96
	450	950	7.8	26,500	1800	.62	.79	.93	7.3	25,000	1920	.63	.81	.96	6.9	23,400	2040	.65	.84	.98	6.4	21,800	2150	.67	.87	1.00
71°F (21.7°C)	305	650	7.9	27,000	1810	.42	.55	.67	7.5	25,500	1940	.43	.56	.68	7.0	24,000	2060	.43	.57	.70	6.6	22,400	2180	.44	.58	.73
	375	800	8.1	27,800	1830	.43	.57	.71	7.7	26,200	1960	.44	.59	.74	7.2	24,600	2080	.44	.60	.76	6.7	22,900	2200	.45	.62	.79
	450	950	8.3	28,400	1840	.44	.60	.76	7.8	26,700	1970	.45	.62	.79	7.4	25,100	2100	.46	.64	.81	6.8	23,300	2220	.46	.66	.85

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

10ACB24 — C22-26FC/B24

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil: 85°F (29°C) Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			95°F (35°C) Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			105°F (41°C) Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			115°F (46°C) Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	305	650	6.8	23,300	1810	.72	.86	.97	6.4	22,000	1930	.74	.88	.99	6.0	20,600	2040	.76	.91	1.00	5.6	19,200	2150	.78	.94	1.00
	375	800	7.1	24,200	1830	.77	.92	1.00	6.7	22,900	1960	.79	.94	1.00	6.3	21,500	2080	.81	.97	1.00	5.9	20,100	2190	.84	.99	1.00
	450	950	7.3	25,000	1850	.81	.96	1.00	6.9	23,600	1980	.84	.99	1.00	6.5	22,300	2110	.87	1.00	1.00	6.1	20,900	2240	.90	1.00	1.00
67°F (19.4°C)	305	650	7.3	25,000	1850	.56	.69	.82	6.9	23,500	1980	.57	.71	.84	6.5	22,100	2100	.59	.73	.87	6.0	20,500	2220	.60	.76	.90
	375	800	7.6	25,800	1870	.59	.74	.88	7.1	24,300	2010	.60	.76	.91	6.7	22,700	2130	.62	.79	.94	6.2	21,200	2250	.64	.82	.97
	450	950	7.7	26,400	1890	.62	.79	.94	7.3	24,900	2020	.63	.81	.96	6.8	23,300	2150	.65	.84	.99	6.3	21,600	2270	.67	.87	1.00
71°F (21.7°C)	305	650	7.9	26,800	1900	.42	.54	.66	7.4	25,300	2040	.43	.56	.68	6.9	23,700	2170	.43	.57	.70	6.5	22,100	2290	.44	.58	.73
	375	800	8.1	27,700	1920	.43	.57	.71	7.6	26,100	2060	.44	.59	.74	7.2	24,400	2200	.44	.60	.76	6.7	22,700	2320	.45	.62	.79
	450	950	8.3	28,300	1930	.44	.60	.76	7.8	26,600	2080	.45	.62	.79	7.3	24,900	2210	.46	.64	.82	6.8	23,100	2340	.47	.66	.85

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

10ACB24 — 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) Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			95°F (35°C) Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			105°F (41°C) Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			115°F (46°C) Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	305	650	6.9	23,600	1820	.72	.85	.97	6.5	22,300	1940	.73	.87	.98	6.2	21,000	2050	.75	.90	1.00	5.7	19,600	2160	.78	.93	1.00
	375	800	7.2	24,500	1840	.76	.91	1.00	6.8	23,200	1970	.78	.93	1.00	6.4	21,800	2090	.81	.96	1.00	6.0	20,400	2200	.83	.98	1.00
	450	950	7.4	25,300	1860	.80	.96	1.00	7.0	23,900	1990	.83	.98	1.00	6.6	22,500	2120	.85	1.00	1.00	6.2	21,200	2240	.89	1.00	1.00
67°F (19.4°C)	305	650	7.4	25,400	1860	.56	.69	.82	7.0	23,900	1990	.57	.71	.84	6.6	22,500	2110	.58	.73	.86	6.1	20,900	2230	.60	.75	.89
	375	800	7.7	26,200	1890	.59	.73	.87	7.2	24,700	2020	.60	.75	.90	6.8	23,100	2140	.61	.78	.93	6.3	21,500	2260	.63	.81	.96
	450	950	7.9	26,800	1900	.61	.78	.93	7.4	25,200	2040	.63	.80	.95	6.9	23,600	2160	.64	.83	.98	6.4	22,000	2280	.66	.86	1.00
71°F (21.7°C)	305	650	8.0	27,200	1910	.42	.54	.66	7.5	25,700	2050	.43	.55	.68	7.1	24,200	2180	.43	.56	.70	6.6	22,500	2300	.44	.58	.72
	375	800	8.2	28,100	1930	.43	.57	.71	7.8	26,500	2070	.44	.58	.73	7.3	24,800	2210	.44	.60	.75	6.8	23,100	2330	.45	.62	.78
	450	950	8.4	28,700	1950	.44	.60	.75	7.9	27,000	2090	.45	.61	.78	7.4	25,300	2230	.45	.63	.80	6.9	23,600	2350	.46	.65	.84

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

RFCIV RATINGS

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

10ACB24 — CR26-31

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
	L/s	cfm	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	305	650	7.1	24,300	1800	.72	.85	.97	6.7	22,900	1920	.73	.87	.99	6.3	21,500	2030	.75	.90	1.00	5.9	20,000	2140	.78	.93	1.00
	375	800	7.4	25,300	1820	.76	.91	1.00	7.0	23,800	1950	.78	.94	1.00	6.6	22,400	2070	.81	.96	1.00	6.1	20,900	2180	.84	.99	1.00
	450	950	7.6	26,100	1840	.81	.96	1.00	7.2	24,600	1970	.83	.98	1.00	6.8	23,200	2100	.86	1.00	1.00	6.4	21,800	2220	.89	1.00	1.00
67°F (19.4°C)	305	650	7.6	26,100	1840	.56	.69	.81	7.2	24,600	1970	.57	.71	.84	6.7	23,000	2090	.58	.73	.87	6.3	21,400	2210	.60	.75	.90
	375	800	7.9	27,000	1860	.59	.74	.88	7.4	25,400	2000	.60	.76	.90	7.0	23,800	2120	.61	.78	.93	6.5	22,100	2240	.63	.81	.96
	450	950	8.1	27,600	1880	.61	.78	.93	7.6	26,000	2020	.63	.81	.96	7.1	24,300	2140	.65	.83	.98	6.6	22,600	2260	.67	.87	1.00
71°F (21.7°C)	305	650	8.2	28,100	1890	.42	.54	.66	7.8	26,500	2030	.43	.55	.68	7.3	24,800	2160	.43	.56	.70	6.8	23,100	2280	.44	.58	.72
	375	800	8.5	29,000	1910	.43	.57	.71	8.0	27,300	2050	.44	.58	.73	7.5	25,500	2190	.44	.60	.76	6.9	23,700	2310	.45	.62	.79
	450	950	8.7	29,600	1920	.44	.60	.76	8.1	27,800	2070	.45	.62	.78	7.6	26,000	2210	.46	.63	.81	7.1	24,200	2330	.46	.66	.84

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

10ACB24 — C22-31FC/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)					
	L/s	cfm	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	305	650	7.2	24,400	1820	.72	.85	.97	6.7	23,000	1940	.73	.87	.99	6.3	21,500	2060	.75	.90	1.00	5.9	20,000	2170	.78	.93	1.00
	375	800	7.4	25,400	1840	.76	.91	1.00	7.0	24,000	1970	.78	.94	1.00	6.6	22,400	2100	.81	.97	1.00	6.1	20,900	2210	.84	.99	1.00
	450	950	7.7	26,300	1860	.81	.96	1.00	7.3	24,800	2000	.83	.99	1.00	6.8	23,300	2130	.86	1.00	1.00	6.4	21,900	2260	.89	1.00	1.00
67°F (19.4°C)	305	650	7.7	26,300	1870	.56	.69	.81	7.2	24,700	2000	.57	.70	.83	6.8	23,100	2120	.58	.72	.86	6.3	21,500	2240	.60	.75	.90
	375	800	8.0	27,200	1890	.59	.73	.87	7.5	25,600	2030	.60	.76	.90	7.0	23,900	2150	.61	.78	.93	6.5	22,200	2270	.63	.81	.97
	450	950	8.2	27,900	1900	.61	.78	.93	7.7	26,200	2040	.63	.81	.96	7.2	24,500	2180	.65	.84	.99	6.7	22,700	2300	.67	.87	1.00
71°F (21.7°C)	305	650	8.3	28,300	1910	.42	.54	.66	7.8	26,600	2060	.43	.55	.68	7.3	24,900	2190	.43	.56	.70	6.8	23,200	2320	.44	.58	.72
	375	800	8.6	29,200	1940	.43	.57	.71	8.1	27,500	2080	.44	.58	.73	7.5	25,700	2220	.44	.60	.75	7.0	23,800	2350	.45	.62	.78
	450	950	8.8	29,900	1950	.44	.60	.75	8.2	28,100	2100	.45	.62	.78	7.7	26,200	2240	.46	.63	.81	7.1	24,300	2370	.46	.66	.84

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

10ACB30 — 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)					
	L/s	cfm	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	400	850	8.1	27,500	2290	.73	.86	.98	7.6	26,000	2440	.74	.89	.99	7.2	24,600	2590	.76	.91	1.00	6.8	23,100	2730	.79	.94	1.00
	470	1000	8.3	28,200	2320	.76	.91	1.00	7.9	26,800	2470	.78	.93	1.00	7.4	25,300	2630	.80	.96	1.00	7.0	23,800	2780	.83	.98	1.00
	540	1150	8.5	28,900	2340	.80	.95	1.00	8.0	27,400	2500	.82	.97	1.00	7.6	25,900	2660	.84	.99	1.00	7.2	24,500	2820	.87	1.00	1.00
67°F (19.4°C)	400	850	8.6	29,400	2350	.57	.70	.83	8.1	27,800	2520	.58	.72	.85	7.7	26,200	2670	.59	.74	.88	7.2	24,600	2820	.60	.76	.91
	470	1000	8.8	30,100	2370	.59	.74	.88	8.4	28,500	2540	.60	.76	.90	7.9	26,800	2700	.61	.78	.93	7.4	25,100	2850	.63	.80	.95
	540	1150	9.0	30,600	2390	.61	.77	.92	8.5	28,900	2560	.62	.79	.94	8.0	27,300	2720	.64	.82	.97	7.5	25,500	2880	.65	.85	.99
71°F (21.7°C)	400	850	9.2	31,500	2420	.43	.55	.67	8.7	29,800	2600	.43	.56	.69	8.3	28,200	2760	.43	.57	.71	7.7	26,400	2930	.44	.58	.73
	470	1000	9.4	32,200	2440	.43	.57	.71	8.9	30,500	2620	.44	.58	.73	8.4	28,700	2790	.44	.60	.75	7.9	27,000	2950	.45	.61	.78
	540	1150	9.6	32,700	2460	.44	.59	.75	9.1	31,000	2640	.45	.61	.77	8.6	29,200	2810	.45	.62	.79	8.0	27,300	2980	.46	.64	.82

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

10ACB30 — 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)					
	L/s	cfm	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	400	850	8.1	27,600	2310	.73	.86	.97	7.6	26,100	2470	.74	.88	.99	7.2	24,600	2620	.76	.91	1.00	6.8	23,100	2760	.78	.94	1.00
	470	1000	8.3	28,400	2340	.76	.91	1.00	7.9	26,900	2500	.78	.93	1.00	7.4	25,400	2660	.80	.96	1.00	7.0	23,800	2810	.83	.98	1.00
	540	1150	8.5	29,100	2360	.79	.95	1.00	8.1	27,600	2530	.82	.97	1.00	7.6	26,000	2690	.84	.99	1.00	7.2	24,500	2850	.87	1.00	1.00
67°F (19.4°C)	400	850	8.6	29,500	2370	.57	.70	.83	8.2	28,000	2540	.58	.71	.85	7.7	26,300	2700	.59	.73	.87	7.2	24,600	2850	.60	.76	.90
	470	1000	8.9	30,200	2400	.59	.73	.87	8.4	28,600	2570	.60	.75	.90	7.9	26,900	2730	.61	.78	.92	7.4	25,200	2890	.63	.80	.95
	540	1150	9.0	30,800	2420	.61	.77	.92	8.5	29,100	2590	.62	.79	.94	8.0	27,400	2750	.64	.82	.96	7.5	25,600	2910	.65	.85	.99
71°F (21.7°C)	400	850	9.3	31,700	2440	.43	.55	.67	8.8	30,000	2620	.43	.56	.69	8.3	28,300	2800	.43	.57	.71	7.8	26,500	2960	.44	.58	.73
	470	1000	9.5	32,400	2470	.43	.57	.71	9.0	30,700	2650	.44	.58	.73	8.5	28,900	2830	.44	.60	.75	7.9	27,100	2990	.45	.61	.78
	540	1150	9.6	32,900	2490	.44	.59	.74	9.1	31,200	2670	.44	.61	.77	8.6	29,400	2850	.45	.62	.79	8.1	27,500	3010	.46	.64	.82

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

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

10ACB30 — 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)					
	L/s	cfm	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	400	850	8.1	27,800	2310	.73	.86	.97	7.7	26,300	2470	.74	.88	.99	7.3	24,800	2620	.76	.91	1.00	6.8	23,300	2760	.78	.94	1.00
	470	1000	8.4	28,600	2340	.76	.91	1.00	7.9	27,100	2500	.78	.93	1.00	7.5	25,600	2660	.80	.96	1.00	7.0	24,000	2810	.83	.98	1.00
	540	1150	8.6	29,300	2360	.79	.95	1.00	8.1	27,800	2530	.82	.97	1.00	7.7	26,200	2690	.84	.99	1.00	7.2	24,700	2850	.87	1.00	1.00
67°F (19.4°C)	400	850	8.7	29,800	2370	.57	.70	.83	8.3	28,200	2540	.58	.71	.85	7.8	26,500	2700	.59	.73	.87	7.3	24,900	2850	.60	.76	.90
	470	1000	8.9	30,500	2400	.59	.73	.87	8.4	28,800	2570	.60	.75	.90	7.9	27,100	2730	.61	.78	.92	7.4	25,400	2890	.63	.80	.95
	540	1150	9.1	31,100	2420	.61	.77	.92	8.6	29,300	2590	.62	.79	.94	8.1	27,600	2750	.64	.82	.96	7.6	25,800	2910	.65	.85	.99
71°F (21.7°C)	400	850	9.3	31,900	2440	.43	.55	.67	8.9	30,200	2620	.43	.56	.69	8.4	28,500	2800	.43	.57	.71	7.8	26,700	2960	.44	.58	.73
	470	1000	9.6	32,600	2470	.43	.57	.71	9.1	30,900	2650	.44	.58	.73	8.5	29,100	2830	.44	.60	.75	8.0	27,300	2990	.45	.61	.78
	540	1150	9.7	33,200	2490	.44	.59	.74	9.2	31,400	2670	.44	.61	.77	8.7	29,600	2850	.45	.62	.79	8.1	27,700	3010	.46	.64	.82

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

10ACB30 — CR26-31

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil: 85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
	L/s	cfm	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	400	850	8.1	27,800	2250	.73	.87	.98	7.7	26,300	2400	.74	.89	.99	7.3	24,800	2550	.77	.91	1.00	6.8	23,200	2690	.79	.94	1.00
	470	1000	8.4	28,600	2280	.76	.91	1.00	7.9	27,100	2440	.78	.93	1.00	7.5	25,500	2590	.81	.96	1.00	7.0	24,000	2740	.83	.98	1.00
	540	1150	8.6	29,300	2300	.80	.95	1.00	8.1	27,800	2460	.82	.97	1.00	7.7	26,300	2620	.85	.99	1.00	7.2	24,700	2780	.88	1.00	1.00
67°F (19.4°C)	400	850	8.7	29,800	2310	.57	.70	.83	8.3	28,200	2480	.58	.72	.85	7.8	26,500	2640	.59	.74	.88	7.3	24,800	2780	.60	.76	.91
	470	1000	8.9	30,500	2340	.59	.74	.88	8.4	28,800	2510	.60	.76	.90	7.9	27,100	2660	.61	.78	.93	7.4	25,300	2820	.63	.81	.96
	540	1150	9.1	31,100	2350	.61	.77	.92	8.6	29,300	2530	.62	.80	.95	8.1	27,600	2690	.64	.82	.97	7.6	25,800	2840	.66	.85	.99
71°F (21.7°C)	400	850	9.3	31,900	2380	.43	.55	.67	8.9	30,200	2560	.43	.56	.69	8.4	28,500	2730	.43	.57	.71	7.8	26,700	2890	.44	.59	.73
	470	1000	9.6	32,600	2410	.43	.57	.71	9.1	30,900	2590	.44	.58	.73	8.5	29,100	2760	.44	.60	.75	8.0	27,200	2920	.45	.62	.78
	540	1150	9.7	33,200	2430	.44	.60	.75	9.2	31,400	2610	.45	.61	.77	8.7	29,600	2780	.45	.63	.80	8.1	27,600	2940	.46	.65	.83

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

10ACB30 — 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)					
	L/s	cfm	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	400	850	8.1	27,800	2390	.73	.87	.98	7.7	26,300	2550	.75	.89	1.00	7.2	24,700	2710	.77	.92	1.00	6.8	23,100	2860	.79	.95	1.00
	470	1000	8.4	28,600	2420	.77	.91	1.00	7.9	27,100	2590	.79	.94	1.00	7.5	25,500	2750	.81	.97	1.00	7.0	23,900	2910	.84	.99	1.00
	540	1150	8.6	29,400	2440	.80	.96	1.00	8.1	27,800	2620	.83	.98	1.00	7.7	26,300	2800	.85	1.00	1.00	7.3	24,800	2970	.88	1.00	1.00
67°F (19.4°C)	400	850	8.7	29,700	2450	.57	.70	.83	8.2	28,100	2630	.58	.72	.85	7.7	26,400	2800	.59	.74	.88	7.2	24,700	2960	.60	.76	.91
	470	1000	8.9	30,500	2480	.59	.74	.88	8.4	28,800	2660	.60	.76	.91	7.9	27,000	2840	.62	.78	.93	7.4	25,300	3000	.63	.81	.96
	540	1150	9.1	31,100	2500	.61	.78	.93	8.6	29,400	2690	.63	.80	.95	8.1	27,600	2860	.64	.83	.98	7.5	25,700	3030	.66	.86	1.00
71°F (21.7°C)	400	850	9.3	31,900	2530	.43	.55	.67	8.9	30,200	2720	.43	.56	.69	8.3	28,400	2900	.43	.57	.71	7.8	26,600	3080	.44	.59	.74
	470	1000	9.6	32,700	2560	.43	.57	.71	9.1	30,900	2750	.44	.59	.73	8.5	29,000	2940	.44	.60	.76	7.9	27,100	3110	.45	.62	.79
	540	1150	9.8	33,300	2580	.44	.60	.75	9.2	31,400	2780	.45	.61	.78	8.6	29,500	2960	.45	.63	.80	8.1	27,600	3140	.46	.65	.83

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

10ACB30 — CH22-31

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)					
	L/s	cfm	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C	Total Cooling Capacity kW	Total Cooling Capacity Btuh	Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb 75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	400	850	8.3	28,400	2280	.73	.87	.98	7.9	26,900	2440	.75	.89	1.00	7.4	25,300	2590	.77	.92	1.00	6.9	23,700	2740	.79	.94	1.00
	470	1000	8.6	29,300	2310	.77	.91	1.00	8.1	27,700	2480	.79	.94	1.00	7.6	26,100	2630	.81	.96	1.00	7.2	24,500	2780	.84	.99	1.00
	540	1150	8.8	30,000	2340	.80	.96	1.00	8.4	28,500	2500	.83	.98	1.00	7.9	26,900	2670	.85	1.00	1.00	7.4	25,400	2830	.88	1.00	1.00
67°F (19.4°C)	400	850	8.9	30,400	2350	.57	.70	.83	8.4	28,800	2520	.58	.72	.86	7.9	27,000	2680	.59	.74	.88	7.4	25,300	2830	.60	.76	.91
	470	1000	9.1	31,200	2370	.59	.74	.88	8.6	29,400	2540	.60	.76	.91	8.1	27,700	2710	.62	.78	.93	7.6	25,900	2860	.63	.81	.96
	540	1150	9.3	31,800	2390	.61	.78	.93	8.8	30,000	2570	.63	.80	.95	8.3	28,200	2730	.64	.83	.97	7.7	26,400	2890	.66	.86	1.00
71°F (21.7°C)	400	850	9.6	32,600	2420	.43	.55	.68	9.1	30,900	2600	.43	.56	.69	8.5	29,100	2770	.43	.57	.71	8.0	27,200	2930	.44	.59	.74
	470	1000	9.8	33,400	2440	.43	.57	.71	9.3	31,600	2630	.44	.59	.73	8.7	29,700	2800	.44	.60	.76	8.1	27,800	2970	.45	.62	.79
	540	1150	10.0	34,000	2460	.44	.60	.75	9.4	32,100	2650	.45	.61	.78	8.9	30,200	2820	.45	.63	.80	8.3	28,200	2990	.46	.65	.83

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

RFCIV RATINGS

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

10ACB30 — CH22-41

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	330	700	8.2	27,900	2280	.69	.81	.93	7.7	26,400	2440	.70	.83	.95	7.3	24,800	2590	.72	.86	.97	6.8	23,200	2730	.74	.88	1.00
	400	850	8.5	29,000	2320	.73	.86	.98	8.0	27,400	2480	.74	.89	1.00	7.6	25,800	2640	.76	.91	1.00	7.1	24,100	2780	.79	.94	1.00
	470	1000	8.8	29,900	2350	.76	.91	1.00	8.3	28,300	2520	.78	.94	1.00	7.8	26,600	2680	.81	.96	1.00	7.3	25,000	2830	.84	.99	1.00
67°F (19.4°C)	330	700	8.8	30,000	2350	.55	.66	.78	8.3	28,400	2520	.56	.68	.80	7.8	26,700	2680	.56	.69	.82	7.3	25,000	2830	.57	.71	.84
	400	850	9.1	31,100	2390	.57	.70	.83	8.6	29,400	2560	.58	.72	.85	8.1	27,600	2730	.59	.74	.88	7.6	25,800	2880	.60	.76	.91
	470	1000	9.4	32,000	2410	.59	.74	.88	8.8	30,100	2590	.60	.76	.90	8.3	28,300	2760	.61	.78	.93	7.7	26,400	2910	.63	.81	.96
71°F (21.7°C)	330	700	9.5	32,300	2420	.42	.53	.63	9.0	30,600	2610	.42	.53	.65	8.4	28,800	2780	.42	.54	.66	7.9	27,000	2950	.43	.55	.68
	400	850	9.8	33,400	2460	.43	.55	.67	9.3	31,600	2650	.43	.56	.69	8.7	29,700	2830	.43	.57	.71	8.1	27,800	2990	.44	.59	.73
	470	1000	10.1	34,300	2490	.43	.57	.71	9.5	32,400	2680	.44	.58	.73	8.9	30,400	2860	.44	.60	.75	8.3	28,400	3030	.45	.62	.78

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

10ACB30 — C22-31FC/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			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	375	800	8.5	28,900	2300	.71	.85	.96	8.0	27,300	2460	.73	.87	.98	7.5	25,700	2610	.75	.89	1.00	7.0	24,000	2760	.77	.92	1.00
	450	950	8.7	29,800	2330	.75	.89	1.00	8.3	28,200	2500	.77	.92	1.00	7.8	26,500	2650	.79	.95	1.00	7.3	24,800	2800	.82	.97	1.00
	520	1100	9.0	30,600	2360	.79	.94	1.00	8.5	29,000	2530	.81	.96	1.00	8.0	27,300	2690	.83	.99	1.00	7.5	25,700	2850	.86	1.00	1.00
67°F (19.4°C)	375	800	9.1	31,000	2370	.56	.69	.81	8.6	29,300	2540	.57	.70	.83	8.1	27,500	2700	.58	.72	.86	7.5	25,700	2850	.59	.74	.89
	450	950	9.3	31,900	2400	.58	.72	.86	8.8	30,100	2570	.59	.74	.88	8.3	28,300	2740	.60	.76	.91	7.7	26,400	2890	.62	.79	.94
	520	1100	9.6	32,600	2420	.60	.76	.91	9.0	30,700	2600	.61	.78	.93	8.4	28,800	2760	.63	.81	.96	7.9	26,900	2920	.65	.84	.99
71°F (21.7°C)	375	800	9.8	33,300	2440	.42	.54	.66	9.2	31,500	2630	.43	.55	.67	8.7	29,700	2800	.43	.56	.69	8.1	27,800	2970	.43	.57	.71
	450	950	10.0	34,200	2470	.43	.56	.70	9.5	32,300	2660	.43	.57	.71	8.9	30,400	2840	.44	.59	.74	8.3	28,400	3000	.44	.60	.76
	520	1100	10.2	34,900	2500	.44	.59	.73	9.7	33,000	2680	.44	.60	.76	9.1	31,000	2860	.45	.62	.78	8.5	28,900	3030	.46	.64	.81

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

10ACB30 — CR26-41

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	400	850	8.5	28,900	2270	.73	.86	.98	8.0	27,300	2430	.74	.88	1.00	7.5	25,700	2580	.76	.91	1.00	7.0	24,000	2720	.79	.94	1.00
	470	1000	8.7	29,800	2300	.76	.91	1.00	8.2	28,100	2460	.78	.93	1.00	7.8	26,500	2620	.81	.96	1.00	7.3	24,800	2770	.83	.99	1.00
	540	1150	8.9	30,500	2320	.80	.95	1.00	8.5	28,900	2490	.82	.97	1.00	8.0	27,200	2650	.85	1.00	1.00	7.5	25,700	2820	.88	1.00	1.00
67°F (19.4°C)	400	850	9.1	30,900	2330	.57	.70	.83	8.6	29,200	2500	.58	.71	.85	8.1	27,500	2660	.59	.74	.88	7.5	25,700	2810	.60	.76	.91
	470	1000	9.3	31,800	2360	.59	.73	.88	8.8	30,000	2530	.60	.76	.90	8.2	28,100	2700	.61	.78	.93	7.7	26,300	2850	.63	.81	.96
	540	1150	9.5	32,400	2380	.61	.77	.92	8.9	30,500	2560	.62	.80	.95	8.4	28,700	2720	.64	.82	.97	7.9	26,800	2880	.66	.85	1.00
71°F (21.7°C)	400	850	9.7	33,200	2410	.43	.55	.67	9.2	31,400	2590	.43	.56	.69	8.7	29,600	2760	.43	.57	.71	8.1	27,700	2930	.44	.58	.73
	470	1000	10.0	34,100	2430	.43	.57	.71	9.4	32,200	2620	.44	.58	.73	8.9	30,300	2790	.44	.60	.75	8.3	28,300	2960	.45	.61	.78
	540	1150	10.2	34,700	2460	.44	.59	.75	9.6	32,700	2640	.45	.61	.77	9.0	30,800	2820	.45	.63	.80	8.4	28,700	2980	.46	.65	.83

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

10ACB30 — C22-41FC/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			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	375	800	8.5	29,000	2310	.71	.85	.96	8.0	27,400	2470	.73	.87	.98	7.6	25,800	2630	.75	.89	1.00	7.1	24,100	2770	.77	.92	1.00
	450	950	8.8	30,000	2350	.75	.89	1.00	8.3	28,300	2510	.77	.92	1.00	7.8	26,600	2670	.79	.95	1.00	7.3	24,900	2820	.82	.98	1.00
	520	1100	9.0	30,800	2370	.78	.94	1.00	8.5	29,100	2540	.81	.96	1.00	8.0	27,400	2710	.83	.99	1.00	7.6	25,800	2870	.86	1.00	1.00
67°F (19.4°C)	375	800	9.1	31,100	2380	.56	.68	.81	8.6	29,400	2560	.57	.70	.83	8.1	27,600	2720	.58	.72	.86	7.6	25,800	2870	.59	.74	.88
	450	950	9.4	32,100	2410	.58	.72	.86	8.9	30,300	2590	.59	.74	.88	8.3	28,400	2760	.60	.76	.91	7.8	26,500	2910	.62	.79	.94
	520	1100	9.6	32,800	2440	.60	.76	.91	9.1	30,900	2620	.61	.78	.93	8.5	29,000	2790	.63	.81	.96	7.9	27,100	2940	.65	.84	.99
71°F (21.7°C)	375	800	9.8	33,500	2460	.42	.54	.66	9.3	31,700	2650	.43	.55	.67	8.7	29,800	2820	.43	.56	.69	8.2	27,900	2990	.43	.57	.71
	450	950	10.1	34,400	2490	.43	.56	.69	9.5	32,500	2680	.43	.57	.71	9.0	30,600	2860	.44	.59	.74	8.4	28,600	3030	.44	.60	.76
	520	1100	10.3	35,100	2510	.44	.59	.73	9.7	33,200	2710	.44	.60	.75	9.1	31,200	2890	.45	.62	.78	8.5	29,100	3060	.46	.63	.81

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

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

10ACB36 — 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) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	450	950	9.8	33,500	2820	.72	.85	.96	9.3	31,800	3020	.73	.87	.98	8.8	30,100	3200	.75	.89	1.00	8.3	28,200	3360	.77	.92	1.00
	520	1100	10.1	34,400	2850	.75	.89	.99	9.6	32,600	3050	.76	.91	1.00	9.1	30,900	3240	.78	.94	1.00	8.5	29,000	3400	.81	.96	1.00
	590	1250	10.3	35,100	2880	.78	.93	1.00	9.8	33,300	3080	.80	.95	1.00	9.2	31,500	3270	.82	.97	1.00	8.7	29,700	3450	.84	.99	1.00
67°F (19.4°C)	450	950	10.5	35,800	2900	.56	.69	.82	10.0	34,000	3110	.57	.70	.84	9.4	32,100	3300	.58	.72	.86	8.8	30,100	3470	.59	.75	.89
	520	1100	10.7	36,600	2930	.58	.72	.86	10.2	34,700	3140	.59	.74	.88	9.6	32,800	3340	.60	.76	.90	9.0	30,700	3510	.62	.78	.93
	590	1250	10.9	37,200	2950	.60	.75	.89	10.3	35,300	3160	.61	.77	.92	9.8	33,300	3360	.62	.79	.94	9.1	31,200	3530	.64	.82	.97
71°F (21.7°C)	450	950	11.3	38,400	2990	.42	.54	.66	10.7	36,400	3210	.43	.55	.68	10.1	34,400	3420	.43	.56	.70	9.5	32,300	3600	.43	.58	.72
	520	1100	11.5	39,100	3020	.43	.56	.69	10.9	37,100	3240	.43	.57	.71	10.3	35,100	3450	.44	.59	.73	9.6	32,900	3630	.44	.60	.76
	590	1250	11.6	39,700	3040	.44	.58	.73	11.0	37,700	3260	.44	.59	.75	10.4	35,600	3470	.45	.61	.77	9.8	33,300	3660	.45	.62	.80

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

10ACB36 — C22-31FC/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			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	470	1000	10.1	34,600	2870	.73	.86	.98	9.6	32,800	3080	.74	.89	.99	9.1	30,900	3270	.76	.91	1.00	8.5	28,900	3440	.79	.94	1.00
	565	1200	10.5	35,700	2910	.77	.92	1.00	9.9	33,800	3130	.79	.94	1.00	9.3	31,900	3320	.81	.96	1.00	8.8	30,000	3500	.84	.99	1.00
	660	1400	10.8	36,700	2950	.81	.96	1.00	10.2	34,800	3170	.83	.98	1.00	9.6	32,900	3380	.86	1.00	1.00	9.1	31,000	3570	.89	1.00	1.00
67°F (19.4°C)	470	1000	10.8	36,900	2960	.57	.70	.83	10.3	35,000	3180	.58	.72	.85	9.6	32,900	3380	.59	.74	.88	9.0	30,800	3550	.60	.76	.91
	565	1200	11.1	38,000	2990	.59	.74	.88	10.5	35,900	3220	.60	.76	.91	9.9	33,800	3420	.62	.79	.94	9.3	31,600	3600	.63	.81	.96
	660	1400	11.3	38,700	3020	.62	.78	.93	10.7	36,600	3250	.63	.81	.96	10.1	34,400	3450	.65	.83	.98	9.4	32,200	3630	.67	.86	1.00
71°F (21.7°C)	470	1000	11.6	39,600	3050	.43	.55	.67	11.0	37,500	3280	.43	.56	.69	10.3	35,300	3500	.43	.57	.71	9.7	33,100	3690	.44	.59	.73
	565	1200	11.9	40,600	3090	.43	.58	.72	11.3	38,400	3320	.44	.59	.74	10.6	36,100	3540	.44	.60	.76	9.9	33,800	3730	.45	.62	.79
	660	1400	12.1	41,300	3110	.44	.60	.76	11.5	39,100	3350	.45	.62	.78	10.8	36,700	3570	.46	.63	.81	10.1	34,300	3760	.46	.66	.84

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

10ACB36 — 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) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	470	1000	10.2	34,800	2890	.73	.86	.98	9.7	33,000	3090	.74	.89	.99	9.1	31,200	3290	.76	.91	1.00	8.6	29,200	3450	.79	.94	1.00
	565	1200	10.6	36,000	2930	.77	.92	1.00	10.0	34,100	3140	.79	.94	1.00	9.4	32,200	3340	.81	.96	1.00	8.9	30,300	3510	.84	.99	1.00
	660	1400	10.8	36,900	2960	.81	.96	1.00	10.3	35,100	3180	.83	.98	1.00	9.7	33,200	3390	.86	1.00	1.00	9.2	31,300	3580	.88	1.00	1.00
67°F (19.4°C)	470	1000	10.9	37,200	2970	.57	.70	.83	10.3	35,200	3190	.58	.72	.85	9.7	33,200	3390	.59	.74	.88	9.1	31,100	3560	.60	.76	.91
	565	1200	11.2	38,200	3010	.59	.74	.88	10.6	36,100	3230	.60	.76	.91	10.0	34,000	3430	.62	.79	.93	9.3	31,800	3610	.63	.81	.96
	660	1400	11.4	38,900	3030	.62	.78	.93	10.8	36,800	3260	.63	.81	.96	10.2	34,700	3460	.65	.83	.98	9.5	32,400	3640	.67	.86	1.00
71°F (21.7°C)	470	1000	11.7	39,800	3060	.43	.55	.67	11.1	37,800	3300	.43	.56	.69	10.4	35,600	3510	.43	.57	.71	9.8	33,400	3700	.44	.59	.73
	565	1200	12.0	40,800	3100	.43	.58	.72	11.3	38,600	3330	.44	.59	.74	10.7	36,400	3550	.44	.60	.76	10.0	34,100	3740	.45	.62	.79
	660	1400	12.2	41,500	3120	.44	.60	.76	11.5	39,300	3360	.45	.62	.78	10.8	37,000	3580	.46	.63	.81	10.1	34,600	3770	.46	.65	.84

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

10ACB36 — 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) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	470	1000	10.3	35,300	2940	.73	.87	.98	9.8	33,400	3150	.75	.89	1.00	9.2	31,500	3340	.77	.92	1.00	8.6	29,500	3510	.79	.94	1.00
	565	1200	10.7	36,500	2980	.77	.92	1.00	10.1	34,600	3200	.79	.95	1.00	9.6	32,600	3400	.82	.97	1.00	9.0	30,600	3580	.84	.99	1.00
	660	1400	11.0	37,500	3020	.82	.97	1.00	10.4	35,600	3240	.84	.99	1.00	9.9	33,700	3460	.86	1.00	1.00	9.3	31,800	3650	.89	1.00	1.00
67°F (19.4°C)	470	1000	11.0	37,600	3020	.57	.70	.83	10.4	35,600	3250	.58	.72	.86	9.8	33,500	3450	.59	.74	.88	9.2	31,400	3630	.60	.76	.91
	565	1200	11.3	38,700	3060	.60	.75	.89	10.7	36,600	3290	.61	.77	.92	10.1	34,400	3500	.62	.79	.94	9.4	32,200	3680	.64	.82	.97
	660	1400	11.6	39,500	3090	.62	.79	.94	10.9	37,300	3320	.64	.82	.96	10.3	35,100	3530	.65	.84	.99	9.6	32,800	3720	.67	.87	1.00
71°F (21.7°C)	470	1000	11.8	40,300	3120	.43	.55	.68	11.2	38,200	3350	.43	.56	.69	10.6	36,000	3570	.43	.57	.71	9.8	33,600	3770	.44	.59	.74
	565	1200	12.1	41,300	3150	.44	.58	.72	11.5	39,100	3390	.44	.59	.74	10.8	36,800	3620	.45	.61	.77	10.1	34,400	3810	.45	.63	.80
	660	1400	12.3	42,100	3180	.45	.61	.77	11.7	39,800	3420	.45	.62	.79	11.0	37,400	3650	.46	.64	.82	10.2	34,900	3840	.47	.66	.85

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

RFCIV RATINGS

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

10ACB36 — CR26-41

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	450	950	10.3	35,000	2920	.72	.85	.97	9.7	33,200	3130	.73	.87	.98	9.2	31,300	3320	.75	.90	1.00	8.6	29,300	3490	.77	.92	1.00
	540	1150	10.6	36,300	2970	.76	.90	1.00	10.1	34,300	3180	.78	.93	1.00	9.5	32,400	3380	.80	.95	1.00	8.9	30,400	3560	.83	.98	1.00
	635	1350	10.9	37,300	3000	.80	.95	1.00	10.3	35,300	3220	.82	.97	1.00	9.8	33,400	3430	.85	.99	1.00	9.2	31,500	3630	.87	1.00	1.00
67°F (19.4°C)	450	950	11.0	37,500	3010	.56	.69	.81	10.4	35,500	3230	.57	.70	.84	9.8	33,400	3430	.58	.72	.86	9.2	31,300	3610	.59	.75	.89
	540	1150	11.3	38,600	3050	.59	.73	.87	10.7	36,500	3280	.60	.75	.89	10.1	34,300	3480	.61	.77	.92	9.4	32,100	3660	.63	.80	.95
	635	1350	11.5	39,400	3080	.61	.77	.92	10.9	37,300	3310	.62	.80	.95	10.3	35,000	3520	.64	.82	.97	9.6	32,700	3700	.66	.85	.99
71°F (21.7°C)	450	950	11.8	40,200	3100	.42	.54	.66	11.1	38,000	3340	.43	.55	.68	10.5	35,900	3560	.43	.56	.70	9.8	33,600	3750	.43	.58	.72
	540	1150	12.1	41,300	3150	.43	.57	.71	11.5	39,100	3380	.44	.58	.73	10.8	36,800	3610	.44	.59	.75	10.1	34,400	3800	.45	.61	.77
	635	1350	12.3	42,100	3170	.44	.60	.75	11.7	39,800	3420	.45	.61	.77	11.0	37,400	3640	.45	.63	.80	10.2	34,900	3830	.46	.65	.83

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

10ACB36 — CH22-41

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	360	760	10.0	34,000	2830	.68	.80	.91	9.4	32,200	3030	.69	.81	.93	8.9	30,400	3210	.71	.83	.95	8.4	28,500	3370	.72	.86	.98
	455	960	10.5	35,700	2890	.72	.85	.97	9.9	33,800	3100	.74	.87	.99	9.3	31,800	3290	.75	.90	1.00	8.7	29,800	3460	.78	.93	1.00
	545	1160	10.8	36,900	2930	.76	.91	1.00	10.3	35,000	3150	.78	.93	1.00	9.7	33,000	3350	.80	.96	1.00	9.1	30,900	3520	.83	.98	1.00
67°F (19.4°C)	360	760	10.7	36,500	2920	.54	.65	.76	10.1	34,600	3130	.55	.66	.78	9.6	32,700	3330	.56	.68	.80	9.0	30,600	3500	.56	.69	.82
	455	960	11.2	38,100	2980	.56	.69	.82	10.6	36,100	3200	.57	.71	.84	10.0	34,000	3400	.58	.73	.87	9.3	31,800	3570	.60	.75	.89
	545	1160	11.5	39,300	3020	.59	.74	.88	10.9	37,100	3240	.60	.76	.90	10.2	34,900	3440	.61	.78	.93	9.6	32,600	3620	.63	.81	.96
71°F (21.7°C)	360	760	11.5	39,200	3010	.42	.52	.62	10.9	37,200	3240	.42	.53	.64	10.3	35,100	3450	.42	.54	.65	9.6	32,900	3640	.42	.55	.67
	455	960	12.0	40,900	3070	.42	.55	.67	11.3	38,700	3300	.43	.55	.68	10.7	36,500	3520	.43	.57	.70	10.0	34,100	3710	.44	.58	.72
	545	1160	12.3	42,000	3110	.43	.57	.71	11.6	39,700	3350	.44	.58	.73	11.0	37,400	3570	.44	.60	.75	10.2	34,900	3760	.45	.62	.78

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

10ACB36 — C22-41FC/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			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	450	950	10.4	35,500	2940	.72	.85	.96	9.8	33,600	3150	.73	.87	.98	9.3	31,600	3340	.75	.89	1.00	8.7	29,600	3510	.77	.92	1.00
	540	1150	10.8	36,700	2980	.76	.90	1.00	10.2	34,800	3200	.78	.93	1.00	9.6	32,800	3400	.80	.95	1.00	9.0	30,700	3580	.83	.98	1.00
	635	1350	11.1	37,800	3020	.80	.95	1.00	10.5	35,800	3240	.82	.97	1.00	9.9	33,800	3450	.84	.99	1.00	9.3	31,800	3650	.87	1.00	1.00
67°F (19.4°C)	450	950	11.1	38,000	3030	.56	.69	.81	10.6	36,000	3250	.57	.70	.83	9.9	33,800	3460	.58	.72	.86	9.3	31,700	3630	.59	.75	.89
	540	1150	11.5	39,100	3070	.58	.73	.87	10.8	37,000	3300	.60	.75	.89	10.2	34,800	3510	.61	.77	.92	9.5	32,500	3690	.63	.80	.95
	635	1350	11.7	40,000	3100	.61	.77	.92	11.1	37,800	3330	.62	.80	.95	10.4	35,500	3540	.64	.82	.97	9.7	33,100	3730	.66	.85	.99
71°F (21.7°C)	450	950	11.9	40,700	3120	.42	.54	.66	11.3	38,600	3360	.43	.55	.68	10.6	36,300	3580	.43	.56	.70	10.0	34,000	3770	.43	.58	.72
	540	1150	12.3	41,900	3170	.43	.57	.70	11.6	39,600	3410	.44	.58	.72	10.9	37,300	3630	.44	.59	.75	10.2	34,800	3820	.45	.61	.77
	635	1350	12.5	42,700	3200	.44	.59	.75	11.8	40,400	3440	.45	.61	.77	11.1	37,900	3660	.45	.63	.80	10.4	35,400	3860	.46	.65	.83

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

10ACB36 — 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) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	470	1000	10.5	35,900	2930	.72	.86	.97	10.0	34,000	3140	.74	.88	.99	9.4	32,000	3330	.76	.90	1.00	8.8	30,000	3500	.78	.93	1.00
	565	1200	10.9	37,100	2970	.76	.91	1.00	10.3	35,100	3190	.78	.93	1.00	9.7	33,100	3380	.80	.96	1.00	9.1	31,000	3560	.83	.98	1.00
	660	1400	11.2	38,100	3000	.80	.95	1.00	10.6	36,100	3230	.82	.98	1.00	10.0	34,100	3440	.85	.99	1.00	9.4	32,100	3630	.88	1.00	1.00
67°F (19.4°C)	470	1000	11.3	38,400	3020	.57	.69	.82	10.7	36,400	3240	.57	.71	.84	10.0	34,200	3440	.58	.73	.87	9.4	32,000	3620	.60	.75	.90
	565	1200	11.6	39,500	3050	.59	.74	.88	10.9	37,300	3280	.60	.75	.90	10.3	35,100	3490	.61	.78	.93	9.6	32,800	3670	.63	.81	.96
	660	1400	11.8	40,300	3080	.61	.78	.92	11.2	38,100	3310	.62	.80	.95	10.5	35,800	3520	.64	.82	.97	9.8	33,400	3700	.66	.85	1.00
71°F (21.7°C)	470	1000	12.0	41,100	3110	.42	.55	.67	11.4	39,000	3350	.43	.56	.68	10.8	36,800	3570	.43	.57	.70	10.1	34,400	3760	.44	.58	.73
	565	1200	12.4	42,200	3150	.43	.57	.71	11.7	40,000	3390	.44	.58	.73	11.0	37,600	3610	.44	.60	.75	10.3	35,100	3800	.45	.61	.78
	660	1400	12.6	43,000	3180	.44	.60	.75	11.9	40,700	3420	.45	.61	.77	11.2	38,200	3640	.45	.63	.80	10.5	35,700	3840	.46	.65	.83

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

RFCIV RATINGS

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

10ACB42 — CH22-41

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	470	1000	11.2	38,100	3110	.70	.82	.93	10.6	36,300	3350	.71	.84	.95	10.1	34,400	3590	.72	.86	.97	9.5	32,500	3800	.74	.88	.99
	540	1150	11.5	39,100	3150	.72	.86	.97	10.9	37,200	3390	.74	.88	.99	10.3	35,300	3630	.75	.90	1.00	9.8	33,300	3850	.77	.92	1.00
	615	1300	11.7	39,900	3180	.75	.89	1.00	11.1	38,000	3430	.77	.91	1.00	10.6	36,000	3670	.78	.94	1.00	10.0	34,100	3900	.81	.96	1.00
67°F (19.4°C)	470	1000	11.9	40,700	3200	.55	.67	.79	11.3	38,700	3460	.56	.68	.80	10.8	36,700	3700	.57	.70	.82	10.2	34,700	3930	.58	.71	.85
	540	1150	12.2	41,600	3230	.57	.70	.82	11.6	39,600	3490	.57	.71	.84	11.0	37,500	3740	.58	.73	.87	10.4	35,400	3970	.59	.75	.89
	615	1300	12.4	42,400	3260	.58	.72	.86	11.8	40,300	3520	.59	.74	.88	11.2	38,100	3770	.60	.76	.90	10.6	36,000	4010	.61	.78	.93
71°F (21.7°C)	470	1000	12.7	43,500	3290	.42	.53	.64	12.1	41,400	3560	.42	.54	.66	11.5	39,300	3830	.43	.55	.67	10.9	37,200	4070	.43	.56	.69
	540	1150	13.0	44,400	3320	.43	.55	.67	12.4	42,300	3600	.43	.56	.68	11.8	40,100	3860	.43	.57	.70	11.1	37,900	4110	.43	.58	.72
	615	1300	13.2	45,200	3350	.43	.56	.70	12.6	43,000	3630	.43	.57	.72	12.0	40,800	3890	.44	.59	.74	11.3	38,500	4140	.44	.60	.76

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

10ACB42 — C22-41FC/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			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	470	1000	11.5	39,200	3120	.69	.82	.93	10.9	37,300	3370	.71	.84	.95	10.3	35,300	3600	.72	.86	.97	9.8	33,400	3820	.74	.88	.99
	540	1150	11.8	40,200	3160	.72	.85	.97	11.2	38,200	3400	.73	.87	.99	10.6	36,200	3640	.75	.90	1.00	10.0	34,200	3870	.77	.92	1.00
	615	1300	12.0	41,100	3190	.74	.89	.99	11.5	39,100	3440	.76	.91	1.00	10.8	37,000	3680	.78	.93	1.00	10.3	35,000	3910	.80	.96	1.00
67°F (19.4°C)	470	1000	12.3	41,900	3210	.55	.67	.78	11.7	39,800	3470	.56	.68	.80	11.1	37,800	3720	.56	.69	.82	10.5	35,700	3950	.57	.71	.84
	540	1150	12.5	42,800	3240	.56	.69	.82	11.9	40,700	3500	.57	.71	.84	11.3	38,600	3750	.58	.72	.86	10.7	36,500	3990	.59	.74	.89
	615	1300	12.8	43,600	3270	.58	.72	.86	12.1	41,400	3530	.59	.74	.88	11.5	39,300	3790	.60	.76	.90	10.8	37,000	4020	.61	.78	.93
71°F (21.7°C)	470	1000	13.1	44,700	3300	.42	.53	.64	12.5	42,600	3580	.42	.54	.65	11.9	40,500	3840	.42	.55	.67	11.2	38,300	4090	.43	.56	.68
	540	1150	13.4	45,700	3330	.42	.55	.67	12.7	43,500	3610	.43	.55	.68	12.1	41,300	3880	.43	.56	.70	11.4	39,000	4130	.43	.58	.72
	615	1300	13.6	46,500	3360	.43	.56	.70	13.0	44,300	3640	.43	.57	.71	12.3	41,900	3910	.44	.58	.73	11.6	39,600	4160	.44	.60	.75

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

10ACB42 — 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) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	590	1250	11.7	39,800	3110	.74	.88	.99	11.1	37,800	3350	.75	.90	1.00	10.5	35,900	3580	.77	.92	1.00	10.0	34,000	3800	.79	.94	1.00
	660	1400	11.9	40,500	3130	.76	.91	1.00	11.3	38,500	3380	.78	.93	1.00	10.7	36,600	3610	.80	.95	1.00	10.2	34,700	3840	.82	.97	1.00
	730	1550	12.0	41,100	3150	.79	.94	1.00	11.5	39,200	3400	.81	.96	1.00	10.9	37,200	3640	.83	.98	1.00	10.3	35,300	3880	.85	.99	1.00
67°F (19.4°C)	590	1250	12.4	42,200	3190	.58	.71	.85	11.8	40,200	3440	.58	.73	.87	11.2	38,100	3680	.59	.75	.89	10.6	36,000	3910	.61	.77	.91
	660	1400	12.5	42,800	3210	.59	.74	.88	11.9	40,700	3460	.60	.76	.90	11.3	38,600	3710	.61	.78	.93	10.7	36,500	3940	.63	.80	.95
	730	1550	12.7	43,400	3220	.61	.77	.91	12.1	41,200	3480	.62	.79	.93	11.5	39,100	3730	.63	.81	.96	10.8	36,900	3960	.65	.83	.98
71°F (21.7°C)	590	1250	13.2	45,000	3270	.43	.56	.69	12.5	42,800	3540	.43	.57	.70	11.9	40,700	3800	.44	.58	.72	11.3	38,500	4040	.44	.59	.74
	660	1400	13.4	45,600	3290	.43	.58	.72	12.7	43,400	3570	.44	.59	.73	12.1	41,200	3830	.44	.60	.75	11.4	39,000	4070	.45	.61	.78
	730	1550	13.5	46,100	3310	.44	.59	.74	12.9	43,900	3580	.44	.60	.76	12.2	41,600	3850	.45	.62	.78	11.5	39,300	4090	.46	.63	.81

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

10ACB42 — 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) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	590	1250	11.7	40,000	3190	.74	.88	.99	11.1	38,000	3450	.76	.91	1.00	10.6	36,000	3690	.78	.93	1.00	10.0	34,100	3920	.80	.95	1.00
	660	1400	11.9	40,700	3220	.77	.92	1.00	11.3	38,700	3480	.79	.94	1.00	10.8	36,800	3720	.81	.96	1.00	10.2	34,800	3960	.83	.98	1.00
	730	1550	12.1	41,400	3240	.80	.95	1.00	11.5	39,400	3500	.82	.97	1.00	11.0	37,500	3760	.84	.99	1.00	10.4	35,600	4000	.86	1.00	1.00
67°F (19.4°C)	590	1250	12.4	42,400	3270	.58	.72	.85	11.8	40,300	3540	.59	.73	.87	11.2	38,200	3790	.60	.75	.90	10.6	36,000	4030	.61	.77	.92
	660	1400	12.6	43,000	3290	.59	.75	.89	12.0	40,900	3560	.60	.77	.91	11.3	38,700	3820	.62	.79	.93	10.7	36,600	4060	.63	.81	.96
	730	1550	12.8	43,600	3310	.61	.77	.92	12.1	41,400	3580	.62	.79	.94	11.5	39,200	3840	.64	.82	.96	10.8	37,000	4080	.65	.84	.98
71°F (21.7°C)	590	1250	13.2	45,100	3360	.43	.56	.69	12.6	43,000	3640	.43	.57	.71	12.0	40,800	3910	.44	.58	.73	11.3	38,500	4160	.44	.60	.75
	660	1400	13.4	45,800	3380	.44	.58	.72	12.8	43,600	3670	.44	.59	.74	12.1	41,300	3940	.44	.60	.76	11.4	39,000	4190	.45	.62	.79
	730	1550	13.6	46,300	3400	.44	.60	.75	12.9	44,000	3690	.45	.61	.77	12.2	41,700	3960	.45	.62	.79	11.5	39,400	4210	.46	.64	.82

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

RFCIV RATINGS

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

10ACB42 — 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) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	590	1250	11.8	40,300	3220	.74	.88	.99	11.2	38,300	3480	.75	.90	1.00	10.6	36,300	3720	.77	.92	1.00	10.1	34,400	3950	.79	.94	1.00
	660	1400	12.0	41,000	3250	.76	.91	1.00	11.4	39,000	3510	.78	.93	1.00	10.8	37,000	3750	.80	.95	1.00	10.3	35,100	3990	.82	.97	1.00
	730	1550	12.2	41,700	3270	.79	.94	1.00	11.6	39,700	3530	.81	.96	1.00	11.0	37,700	3780	.83	.98	1.00	10.5	35,800	4030	.85	.99	1.00
67°F (19.4°C)	590	1250	12.5	42,800	3300	.57	.71	.85	11.9	40,700	3570	.58	.73	.87	11.3	38,600	3820	.59	.75	.89	10.7	36,400	4060	.61	.77	.91
	660	1400	12.7	43,400	3330	.59	.74	.88	12.1	41,300	3600	.60	.76	.90	11.5	39,100	3850	.61	.78	.92	10.8	36,900	4090	.63	.80	.95
	730	1550	12.9	44,000	3340	.60	.76	.91	12.3	41,800	3620	.62	.78	.93	11.6	39,600	3870	.63	.81	.95	11.0	37,400	4120	.64	.83	.98
71°F (21.7°C)	590	1250	13.4	45,600	3400	.43	.56	.69	12.7	43,400	3680	.43	.57	.70	12.1	41,200	3950	.43	.58	.72	11.4	38,900	4200	.44	.59	.74
	660	1400	13.5	46,200	3420	.43	.57	.71	12.9	44,000	3700	.44	.59	.73	12.2	41,700	3970	.44	.60	.75	11.6	39,500	4230	.45	.61	.78
	730	1550	13.7	46,700	3430	.44	.59	.74	13.0	44,500	3720	.44	.60	.76	12.4	42,200	3990	.45	.62	.78	11.7	39,900	4250	.45	.63	.81

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

10ACB42 — CH23-51

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	590	1250	12.0	40,900	3220	.74	.88	.99	11.4	38,800	3480	.76	.90	1.00	10.8	36,800	3730	.78	.93	1.00	10.2	34,800	3960	.80	.95	1.00
	660	1400	12.2	41,700	3250	.77	.92	1.00	11.6	39,600	3510	.79	.94	1.00	11.0	37,600	3760	.81	.96	1.00	10.4	35,600	4000	.83	.98	1.00
	730	1550	12.4	42,400	3270	.79	.95	1.00	11.8	40,300	3540	.81	.97	1.00	11.2	38,300	3800	.84	.99	1.00	10.6	36,300	4040	.86	1.00	1.00
67°F (19.4°C)	590	1250	12.7	43,400	3310	.58	.72	.85	12.1	41,200	3580	.59	.73	.87	11.5	39,100	3830	.60	.75	.89	10.8	36,900	4070	.61	.77	.92
	660	1400	12.9	44,100	3330	.59	.74	.88	12.3	41,900	3600	.60	.76	.91	11.6	39,600	3860	.62	.78	.93	11.0	37,400	4100	.63	.81	.96
	730	1550	13.1	44,700	3350	.61	.77	.92	12.4	42,400	3620	.62	.79	.94	11.8	40,200	3890	.63	.81	.96	11.1	37,900	4130	.65	.84	.99
71°F (21.7°C)	590	1250	13.6	46,300	3400	.43	.56	.69	12.9	44,000	3690	.43	.57	.71	12.2	41,700	3960	.44	.58	.73	11.5	39,400	4210	.44	.59	.75
	660	1400	13.7	46,900	3420	.43	.58	.72	13.1	44,600	3710	.44	.59	.74	12.4	42,300	3980	.44	.60	.76	11.7	39,900	4240	.45	.62	.78
	730	1550	13.9	47,500	3440	.44	.60	.75	13.2	45,100	3730	.45	.61	.77	12.5	42,800	4010	.45	.62	.79	11.8	40,400	4260	.46	.64	.82

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

10ACB42 — 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) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	590	1250	12.0	41,100	3150	.73	.87	.98	11.5	39,100	3400	.75	.89	1.00	10.8	37,000	3640	.77	.91	1.00	10.3	35,000	3860	.79	.94	1.00
	660	1400	12.3	41,800	3180	.76	.90	1.00	11.7	39,800	3430	.77	.92	1.00	11.0	37,700	3670	.79	.95	1.00	10.5	35,700	3900	.82	.97	1.00
	730	1550	12.5	42,500	3200	.78	.93	1.00	11.9	40,500	3450	.80	.95	1.00	11.3	38,400	3700	.82	.97	1.00	10.7	36,400	3930	.85	.99	1.00
67°F (19.4°C)	590	1250	12.8	43,700	3230	.57	.71	.84	12.2	41,600	3500	.58	.72	.86	11.5	39,400	3750	.59	.74	.88	10.9	37,200	3980	.60	.76	.91
	660	1400	13.0	44,400	3260	.59	.73	.87	12.4	42,200	3520	.60	.75	.89	11.7	40,000	3770	.61	.77	.92	11.0	37,700	4010	.62	.79	.94
	730	1550	13.2	45,000	3270	.60	.76	.90	12.5	42,700	3540	.61	.78	.93	11.8	40,400	3790	.62	.80	.95	11.2	38,200	4030	.64	.82	.97
71°F (21.7°C)	590	1250	13.7	46,600	3320	.43	.55	.68	13.0	44,400	3600	.43	.56	.70	12.3	42,100	3870	.43	.57	.71	11.7	39,800	4110	.44	.59	.73
	660	1400	13.9	47,300	3350	.43	.57	.71	13.2	45,000	3630	.44	.58	.72	12.5	42,700	3890	.44	.59	.74	11.8	40,300	4140	.44	.61	.77
	730	1550	14.0	47,900	3360	.44	.59	.73	13.3	45,500	3650	.44	.60	.75	12.7	43,200	3910	.45	.61	.77	12.0	40,800	4170	.45	.63	.80

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

10ACB42 — CR26-51

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	590	1250	12.1	41,200	3210	.73	.87	.99	11.5	39,100	3470	.75	.90	1.00	10.9	37,100	3710	.77	.92	1.00	10.3	35,000	3940	.79	.95	1.00
	660	1400	12.3	42,000	3240	.76	.91	1.00	11.7	39,900	3500	.78	.93	1.00	11.1	37,800	3750	.80	.95	1.00	10.5	35,700	3980	.82	.98	1.00
	730	1550	12.5	42,700	3260	.79	.94	1.00	11.9	40,600	3520	.81	.96	1.00	11.3	38,500	3780	.83	.98	1.00	10.7	36,500	4020	.85	1.00	1.00
67°F (19.4°C)	590	1250	12.9	43,900	3290	.57	.71	.84	12.2	41,600	3570	.58	.73	.86	11.5	39,400	3820	.59	.74	.89	10.9	37,200	4060	.60	.77	.91
	660	1400	13.0	44,500	3320	.59	.74	.88	12.4	42,300	3590	.60	.75	.90	11.7	40,000	3850	.61	.78	.92	11.0	37,700	4090	.62	.80	.95
	730	1550	13.2	45,100	3340	.60	.76	.91	12.5	42,800	3610	.62	.78	.93	11.9	40,500	3870	.63	.81	.96	11.2	38,200	4120	.64	.83	.98
71°F (21.7°C)	590	1250	13.7	46,800	3390	.43	.56	.68	13.0	44,500	3680	.43	.57	.70	12.4	42,200	3950	.43	.58	.72	11.7	39,800	4200	.44	.59	.74
	660	1400	13.9	47,500	3410	.43	.57	.71	13.2	45,100	3700	.44	.58	.73	12.5	42,800	3980	.44	.60	.75	11.8	40,400	4230	.45	.61	.77
	730	1550	14.1	48,000	3430	.44	.59	.74	13.4	45,600	3720	.44	.60	.76	12.7	43,200	4000	.45	.62	.78	12.0	40,800	4260	.45	.63	.81

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

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

10ACB48 — 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) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	660	1400	13.3	45,500	3550	.73	.87	.98	12.7	43,400	3790	.74	.89	.99	12.1	41,200	4060	.76	.91	1.00	11.4	39,000	4360	.78	.93	1.00
	755	1600	13.6	46,500	3590	.76	.90	1.00	13.0	44,300	3830	.77	.92	1.00	12.3	42,100	4110	.79	.95	1.00	11.7	39,900	4420	.81	.97	1.00
	850	1800	13.9	47,400	3620	.78	.94	1.00	13.2	45,200	3870	.80	.96	1.00	12.6	43,000	4150	.82	.98	1.00	12.0	40,800	4480	.85	.99	1.00
67°F (19.4°C)	660	1400	14.2	48,500	3650	.57	.70	.83	13.5	46,200	3910	.58	.72	.85	12.9	43,900	4200	.59	.73	.87	12.2	41,500	4520	.60	.75	.90
	755	1600	14.5	49,400	3680	.59	.73	.87	13.8	47,000	3940	.60	.75	.89	13.1	44,600	4240	.61	.77	.92	12.4	42,200	4560	.62	.79	.94
	850	1800	14.7	50,100	3700	.60	.76	.91	14.0	47,600	3970	.61	.78	.93	13.2	45,200	4270	.63	.80	.95	12.5	42,800	4600	.64	.83	.97
71°F (21.7°C)	660	1400	15.2	51,700	3760	.43	.55	.68	14.4	49,300	4040	.43	.56	.69	13.7	46,900	4350	.43	.57	.71	13.0	44,400	4700	.44	.58	.73
	755	1600	15.4	52,600	3790	.43	.57	.71	14.7	50,200	4070	.44	.58	.72	14.0	47,600	4390	.44	.59	.74	13.2	45,100	4750	.44	.61	.77
	850	1800	15.6	53,300	3810	.44	.59	.74	14.9	50,800	4100	.44	.60	.76	14.1	48,200	4420	.45	.61	.78	13.4	45,600	4780	.45	.63	.80

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

10ACB48 — CH23-51

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																								
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	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	13.4	45,700	3610	.74	.88	.99	12.7	43,500	3850	.75	.90	1.00	12.1	41,300	4130	.77	.92	1.00	11.5	39,100	4440	.79	.94	1.00
	755	1600	13.7	46,700	3640	.77	.92	1.00	13.0	44,500	3900	.79	.94	1.00	12.4	42,300	4190	.81	.96	1.00	11.8	40,100	4510	.83	.98	1.00
	850	1800	14.0	47,700	3670	.80	.95	1.00	13.3	45,400	3940	.82	.97	1.00	12.7	43,300	4240	.84	.99	1.00	12.0	41,100	4580	.87	1.00	1.00
67°F (19.4°C)	660	1400	14.2	48,500	3700	.57	.71	.84	13.5	46,200	3970	.58	.73	.86	12.8	43,800	4270	.59	.75	.89	12.1	41,400	4600	.61	.77	.91
	755	1600	14.5	49,400	3730	.59	.75	.89	13.8	47,000	4000	.60	.76	.91	13.1	44,600	4310	.62	.78	.93	12.4	42,200	4650	.63	.81	.95
	850	1800	14.7	50,100	3760	.61	.78	.92	14.0	47,700	4030	.62	.80	.95	13.2	45,200	4340	.64	.82	.97	12.5	42,800	4690	.65	.84	.99
71°F (21.7°C)	660	1400	15.2	51,700	3810	.43	.56	.69	14.4	49,300	4100	.43	.57	.70	13.7	46,800	4430	.43	.58	.72	13.0	44,300	4790	.44	.59	.74
	755	1600	15.4	52,600	3840	.43	.58	.72	14.7	50,100	4130	.44	.59	.74	14.0	47,600	4470	.44	.60	.76	13.2	45,000	4830	.45	.62	.78
	850	1800	15.6	53,300	3860	.44	.60	.76	14.9	50,800	4160	.45	.61	.77	14.1	48,100	4500	.45	.63	.80	13.3	45,500	4870	.46	.64	.82

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

10ACB48 — 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) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	565	1200	13.2	45,200	3530	.70	.82	.94	12.6	43,000	3770	.71	.84	.96	12.0	40,800	4040	.72	.86	.98	11.3	38,600	4330	.74	.88	.99
	660	1400	13.6	46,500	3580	.73	.86	.98	13.0	44,300	3820	.74	.88	.99	12.3	42,000	4100	.76	.91	1.00	11.6	39,700	4400	.78	.93	1.00
	755	1600	13.9	47,500	3610	.75	.90	1.00	13.3	45,300	3860	.77	.92	1.00	12.6	43,000	4150	.79	.95	1.00	11.9	40,700	4460	.81	.97	1.00
67°F (19.4°C)	565	1200	14.2	48,400	3640	.55	.67	.79	13.5	46,100	3900	.56	.68	.81	12.8	43,700	4190	.57	.70	.83	12.1	41,400	4510	.58	.71	.85
	660	1400	14.5	49,500	3680	.57	.70	.83	13.8	47,200	3940	.58	.71	.85	13.1	44,800	4240	.59	.73	.87	12.4	42,300	4570	.60	.75	.90
	755	1600	14.8	50,500	3710	.58	.73	.87	14.1	48,100	3980	.59	.75	.89	13.4	45,600	4280	.61	.77	.91	12.6	43,000	4620	.62	.79	.94
71°F (21.7°C)	565	1200	15.2	51,700	3750	.42	.53	.64	14.4	49,300	4030	.42	.54	.66	13.7	46,900	4350	.43	.55	.67	13.0	44,400	4700	.43	.56	.69
	660	1400	15.5	52,900	3780	.43	.55	.67	14.8	50,400	4070	.43	.56	.69	14.0	47,900	4400	.43	.57	.71	13.3	45,300	4760	.44	.58	.73
	755	1600	15.8	53,800	3810	.43	.57	.71	15.0	51,300	4110	.44	.58	.72	14.3	48,700	4440	.44	.59	.74	13.5	46,100	4810	.44	.60	.76

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

10ACB48 — 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) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	660	1400	13.7	46,700	3680	.73	.87	.98	13.0	44,400	3940	.75	.89	1.00	12.3	42,100	4230	.77	.91	1.00	11.7	39,800	4550	.79	.94	1.00
	755	1600	14.0	47,700	3720	.76	.91	1.00	13.3	45,400	3990	.78	.93	1.00	12.6	43,100	4290	.80	.95	1.00	12.0	40,900	4620	.82	.98	1.00
	850	1800	14.3	48,700	3750	.79	.95	1.00	13.6	46,400	4030	.81	.97	1.00	12.9	44,100	4340	.83	.99	1.00	12.3	41,800	4690	.86	1.00	1.00
67°F (19.4°C)	660	1400	14.5	49,600	3790	.57	.71	.84	13.8	47,200	4060	.58	.72	.86	13.1	44,800	4380	.59	.74	.88	12.4	42,300	4720	.60	.76	.91
	755	1600	14.8	50,600	3820	.59	.74	.88	14.1	48,100	4100	.60	.76	.90	13.4	45,600	4420	.61	.78	.92	12.6	43,100	4770	.62	.80	.95
	850	1800	15.1	51,400	3840	.61	.77	.92	14.3	48,800	4130	.62	.79	.94	13.6	46,300	4460	.63	.81	.96	12.8	43,700	4810	.65	.84	.98
71°F (21.7°C)	660	1400	15.5	53,000	3900	.43	.55	.68	14.8	50,500	4200	.43	.56	.70	14.0	47,900	4540	.43	.57	.71	13.3	45,300	4920	.44	.59	.73
	755	1600	15.8	53,900	3930	.43	.57	.71	15.1	51,400	4240	.44	.58	.73	14.3	48,700	4590	.44	.60	.75	13.5	46,000	4970	.45	.61	.77
	850	1800	16.0	54,700	3950	.44	.59	.75	15.2	52,000	4270	.44	.61	.77	14.4	49,300	4620	.45	.62	.79	13.7	46,600	5010	.46	.64	.81

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

RFCIV RATINGS

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

10ACB48 — CH23-65

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	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	13.4	45,700	3610	.74	.88	.99	12.7	43,500	3850	.75	.90	1.00	12.1	41,300	4130	.77	.92	1.00	11.5	39,100	4440	.79	.94	1.00
	755	1600	13.7	46,700	3640	.77	.92	1.00	13.0	44,500	3900	.79	.94	1.00	12.4	42,300	4190	.81	.96	1.00	11.8	40,100	4510	.83	.98	1.00
	850	1800	14.0	47,700	3670	.80	.95	1.00	13.3	45,400	3940	.82	.97	1.00	12.7	43,300	4240	.84	.99	1.00	12.0	41,100	4580	.87	1.00	1.00
67°F (19.4°C)	660	1400	14.2	48,500	3700	.57	.71	.84	13.5	46,200	3970	.58	.73	.86	12.8	43,800	4270	.59	.75	.89	12.1	41,400	4600	.61	.77	.91
	755	1600	14.5	49,400	3730	.59	.75	.89	13.8	47,000	4000	.60	.76	.91	13.1	44,600	4310	.62	.78	.93	12.4	42,200	4650	.63	.81	.95
	850	1800	14.7	50,100	3760	.61	.78	.92	14.0	47,700	4030	.62	.80	.95	13.2	45,200	4340	.64	.82	.97	12.5	42,800	4690	.65	.84	.99
71°F (21.7°C)	660	1400	15.2	51,700	3810	.43	.56	.69	14.4	49,300	4100	.43	.57	.70	13.7	46,800	4430	.43	.58	.72	13.0	44,300	4790	.44	.59	.74
	755	1600	15.4	52,600	3840	.43	.58	.72	14.7	50,100	4130	.44	.59	.74	14.0	47,600	4470	.44	.60	.76	13.2	45,000	4830	.45	.62	.78
	850	1800	15.6	53,300	3860	.44	.60	.76	14.9	50,800	4160	.45	.61	.77	14.1	48,100	4500	.45	.63	.80	13.3	45,500	4870	.46	.64	.82

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

10ACB48 — C23-51/65(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) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	660	1400	14.2	48,600	3660	.73	.86	.98	13.6	46,300	3910	.74	.88	.99	12.9	43,900	4200	.76	.91	1.00	12.2	41,500	4520	.78	.93	1.00
	755	1600	14.6	49,800	3700	.76	.90	1.00	13.9	47,400	3960	.77	.92	1.00	13.2	44,900	4260	.79	.95	1.00	12.5	42,500	4580	.81	.97	1.00
	850	1800	14.9	50,800	3730	.79	.94	1.00	14.2	48,300	4000	.80	.96	1.00	13.5	45,900	4310	.83	.98	1.00	12.8	43,600	4650	.85	1.00	1.00
67°F (19.4°C)	660	1400	15.2	51,900	3760	.57	.70	.83	14.5	49,400	4040	.58	.71	.85	13.7	46,800	4350	.59	.73	.87	13.0	44,200	4690	.60	.75	.90
	755	1600	15.5	52,900	3800	.58	.73	.87	14.7	50,300	4080	.59	.75	.89	14.0	47,700	4400	.61	.77	.92	13.2	45,000	4750	.62	.79	.94
	850	1800	15.8	53,800	3820	.60	.76	.91	15.0	51,100	4110	.61	.78	.93	14.2	48,400	4430	.63	.80	.95	13.4	45,700	4790	.64	.83	.98
71°F (21.7°C)	660	1400	16.2	55,400	3870	.43	.55	.67	15.5	52,800	4180	.43	.56	.69	14.7	50,100	4520	.43	.57	.71	13.9	47,400	4900	.44	.58	.73
	755	1600	16.5	56,400	3900	.43	.57	.71	15.8	53,800	4220	.44	.58	.72	14.9	51,000	4570	.44	.59	.74	14.1	48,200	4950	.44	.61	.77
	850	1800	16.8	57,200	3930	.44	.59	.74	16.0	54,500	4250	.44	.60	.76	15.1	51,600	4600	.45	.61	.78	14.3	48,800	4990	.45	.63	.80

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

10ACB48 — CR26-65

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	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	13.5	46,200	3640	.73	.87	.98	12.9	43,900	3900	.74	.89	1.00	12.2	41,700	4180	.76	.91	1.00	11.5	39,400	4500	.78	.94	1.00
	755	1600	13.8	47,200	3680	.76	.91	1.00	13.2	44,900	3940	.78	.93	1.00	12.5	42,600	4240	.80	.95	1.00	11.8	40,400	4570	.82	.98	1.00
	850	1800	14.1	48,200	3710	.79	.94	1.00	13.5	45,900	3980	.81	.96	1.00	12.8	43,600	4290	.83	.98	1.00	12.1	41,300	4640	.86	1.00	1.00
67°F (19.4°C)	660	1400	14.4	49,200	3740	.57	.70	.83	13.7	46,800	4020	.58	.72	.85	13.0	44,400	4330	.59	.74	.88	12.3	41,900	4680	.60	.76	.90
	755	1600	14.7	50,200	3770	.59	.73	.87	14.0	47,700	4060	.60	.75	.90	13.2	45,200	4380	.61	.77	.92	12.5	42,600	4730	.62	.79	.95
	850	1800	14.9	50,900	3800	.61	.77	.91	14.2	48,400	4090	.62	.79	.94	13.4	45,800	4420	.63	.81	.96	12.7	43,300	4770	.65	.83	.98
71°F (21.7°C)	660	1400	15.4	52,500	3850	.43	.55	.68	14.7	50,000	4160	.43	.56	.69	13.9	47,500	4500	.43	.57	.71	13.2	44,900	4880	.44	.58	.73
	755	1600	15.7	53,500	3880	.43	.57	.71	14.9	50,900	4200	.44	.58	.73	14.2	48,300	4550	.44	.59	.75	13.4	45,600	4930	.45	.61	.77
	850	1800	15.9	54,200	3910	.44	.59	.74	15.1	51,600	4220	.44	.60	.76	14.3	48,900	4580	.45	.62	.78	13.5	46,200	4970	.46	.63	.81

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