LENNOX®

ENGINEERING DATA

CONDENSING UNITS

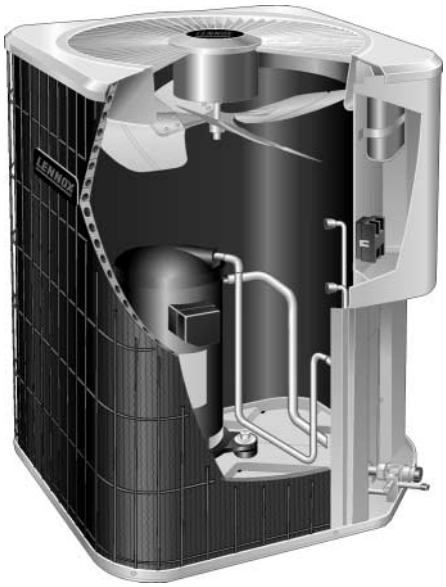
12ACB

VALUE 12™ SERIES

SEER - up to 13.50

Cooling Capacity - 23,200 to 58,000 Btuh (6.8 to 17.0 kW)

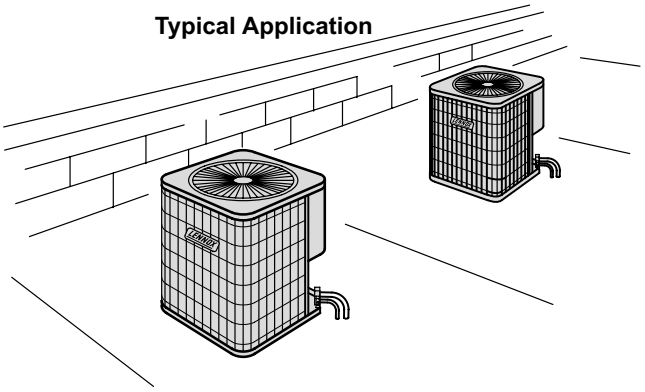
Bulletin No. 210077
July 2000
Supersedes April 1996



CERTIFICATION APPLIES ONLY WHEN THE COMPLETE SYSTEM IS LISTED WITH ARI

LISTED LISTED

Typical Application



MODEL NUMBER IDENTIFICATION

12 AC B 24 - 2

- **SEER**
- **Unit Type**
  AC - Air Conditioner
- **Series**
- **Nominal Cooling Capacity**
  24 - 2 tons (7.0 kW)
  30 - 2.5 tons (8.8 kW)
  36 - 3 tons (10.6 kW)
  42 - 3.5 tons (12.3 kW)
  48 - 4 tons (14.1 kW)
  60 - 5 tons (17.6 kW)
- **Minor Revision Number**

FEATURES

Applications
- SEER up to 13.50.
- 2 through 5 Ton (7.0 through 17.6 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 test operated at the factory insuring proper operation.
- Installer must set condensing unit, connect refrigerant lines and make electrical connections to complete job.

Approvals
- Certified in accordance with the USE certification program, which is based on ARI Standard 210/240-94.
- Sound rated in Lennox reverberant sound test room in accordance with test conditions included in ARI Standard 270-95.
- Tested in the Lennox Research Laboratory environmental test room.
- Rated according to U.S. Department of Energy (DOE) test procedures.
- Condensing units and components within bonded for grounding to meet safety standards for servicing required by UL, NEC and CEC.
- Units are UL listed and CSA certified.
- Developed in accordance with ISO 9000 quality standards.

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

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

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

FEATURES

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 top panel.

Copeland® Compliant Scroll™ Compressor

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

Refrigerant Line Connections, Electrical Inlets and 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 front seated to manage refrigerant charge while servicing system.
- 45° elbow furnished for ease of suction line connection.
- Refrigerant line connections and field wiring inlets are located in one central area of cabinet for easy access. See dimension drawing.

Timed-Off Control (12ACB48 and 12ACB60 Only)
- 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.

OPTIONAL ACCESSORIES - MUST BE ORDERED EXTRA

Thermostat
- Thermostat not furnished with unit. See Thermostats bulletin in Thermostats and Controls Section and Lennox Price Book.

Low Ambient Kit
- Condensing units operate satisfactorily down to 45°F (7°C) outdoor air temperature without any additional controls.
- Low Ambient Control Kit LB-57113BC (**24H77**) can be field installed, allowing unit operation down to 30°F (-1°C)

Expansion Valve Kits
- Must be ordered extra and field installed on certain evaporator units. See ARI Ratings table.

Refrigerant Line Kits
- Refrigerant lines (suction & liquid) are shipped refrigeration clean. Lines are cleaned, dried, pressurized and sealed at factory.
- Suction line fully insulated.
- L15 lines are stubbed at both ends.
- See Refrigerant Line Kit table for selection.
- Kits are not available for 12ACB60 models and must be field fabricated.

Hail Guards
- Constructed of louvered heavy gauge steel painted to match cabinet.
- Surrounds unit on all four sides to prevent damage to the coil.
- See Specifications tables for catalog number.

Unit Stand-Off Kit
- 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
- 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.
- 12ACB24 thru 42 units use MB2-S (**69J06**), 22-1/4 x 22-1/4 x 3 in. (565 x 565 x 76 mm), shipping weight 6 lbs. (3 kg) each.
- 12ACB48 and 12ACB60 units use MB2-L (**69J07**), 32 x 34 x 3 in. (813 x 864 x 76 mm), shipping weight 15 lbs. (7 kg) each.

Compressor Monitor (Optional for Canada Only)
- 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).

SPECIFICATIONS

Model No.			12ACB24	12ACB30	12ACB36	12ACB42	12ACB48	12ACB60
Nominal Tonnage			2	2-1/2	3	3-1/2	4	5
Liquid line — in. (mm) o.d. connection (sweat)			3/8 (9.5)					
Suction line — in. (mm) o.d. connection (sweat)			3/4 (19.1)		7/8 (22.2)			1-1/8 (28.6)
*Refrigerant charge furnished (HCFC-22)			4 lbs. 13 oz. (2.18 kg)	6 lbs. 5 oz. (2.86 kg)	6 lbs. 7 oz. (2.92 kg)	7 lbs. 13 oz. (3.54 kg)	10 lbs. 11 oz. (4.85 kg)	10 lbs. 13 oz. (4.90 kg)
Condenser Coil	Net face area - sq. ft. (m^2)	Outer coil	15.21 (1.41)				21.11 (1.96)	
		Inner coil	5.44 (0.51)	14.50 (1.35)			20.31 (1.89)	
	Tube diameter — in. (mm) & no. of rows		5/16 (8) - 1.37	5/16 (8) — 2				
	Fins per inch (m)		22 (866)					
Condenser Fan	Diameter — in. (mm) & no. of blades		18 (457) — 3	18 (457) — 4			22 (559) — 4	
	Motor hp (W)		1/6 (124)			1/3 (249)		
	Cfm (L/s)		2500 (1180)	2450 (1155)		2930 (1385)	3890 (1835)	
	Rpm		1100				1085	
	Watts		200			310	375	
Shipping weight — lbs. (kg) 1 package			155 (70)	175 (79)	180 (187)	186 (84)	250 (113)	254 (115)

OPTIONAL ACCESSORIES - MUST BE ORDERED EXTRA

Low Ambient Control Kit			LB-57113BC (**24H77**)					
Timed-Off Control			LB-50709BK (**47J27**)					
Unit Stand-Off Kit			**94J45**					
Mounting Base			MB2-S (**69J06**)				MB2-L (69**J07**)	
Hail Guards			**17L73**				**17L74**	
Compressor Monitor (Canada Only)			T6-1469 (**45F08**)					

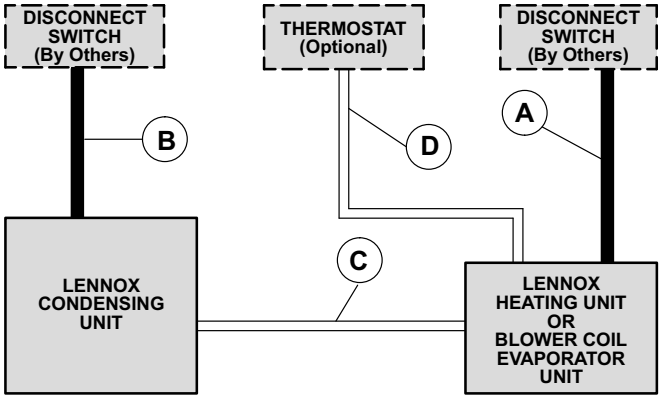
*Refrigerant charge sufficient for 25 ft. (7.6 m) length of refrigerant lines.

ELECTRICAL DATA

Model No.		12ACB24	12ACB30	12ACB36	12ACB42	12ACB48	12ACB60
Line voltage data — 60 hz		208/230v - 1ph					
Rec. maximum fuse or circuit breaker size (amps)		20	30	35	40	50	60
*Minimum circuit ampacity		14.0	18.0	20.4	24.4	31.5	38.0
Compressor	Rated load amps	10.3	13.5	15.4	18.0	23.7	28.9
	Power factor	.96			.95	.96	
Condenser Coil Fan Motor	Locked rotor amps	56.0	72.5	88.0	104.0	129.0	169.0
	Full load amps	1.1			1.9		
	Locked rotor amps	1.9	1.9	1.9	4.1	4.1	4.1

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

FIELD WIRING



A — Two 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

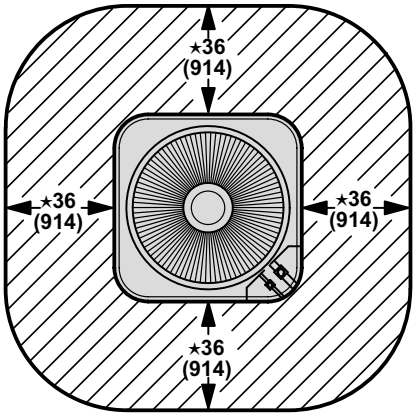
NOTE — Field Wiring Not Furnished

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

REFRIGERANT LINE KITS

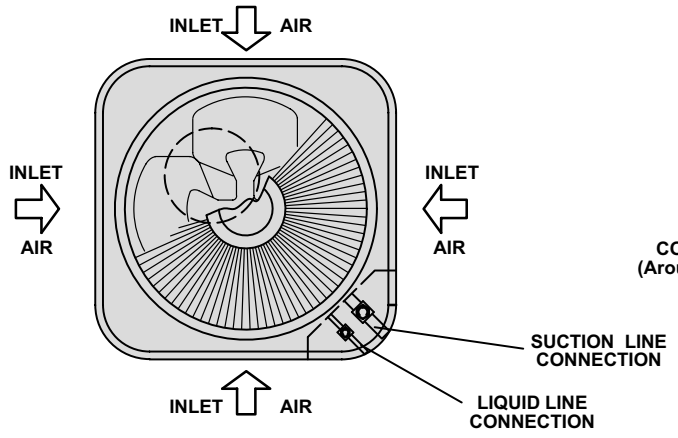
Condensing Unit Model No.	Line Set Model No.	Length of Lines		Liquid Line Outside Dia.		Suction Line Outside Dia.	
		ft.	m	in.	mm	in.	mm
12ACB24 12ACB30	L15-41-20	20	6	3/8	9.5	3/4	19
	L15-41-30	30	9				
	L15-41-40	40	12				
	L15-41-50	50	15				
12ACB36 12ACB42 12ACB48	L15-65-30	30	9	3/8	9.5	7/8	22.2
	L15-65-40	40	12				
	L15-65-50	50	15				
12ACB60	Field Fabricate			3/8	9.5	1-1/8	28.5

INSTALLATION CLEARANCES - IN. (MM)

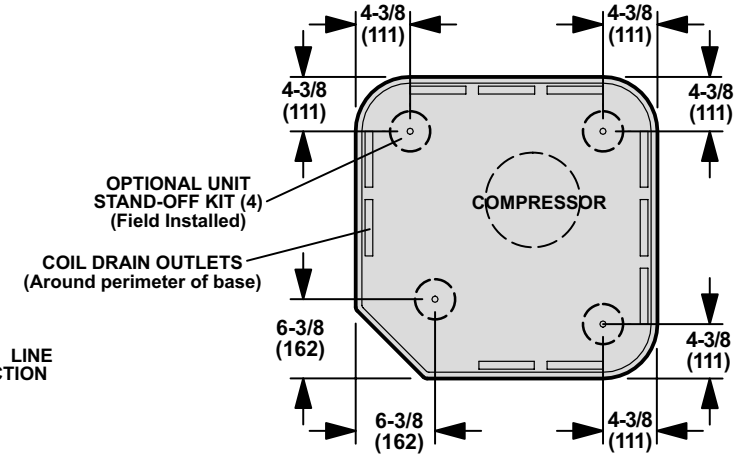


⋆ One of the coil sides adjacent to control box must be 30 in. (762 mm) for service.
One of the remaining sides may be 12 in. (914 mm)
One of the remaining sides may be 6 inches (305 mm)
NOTE — 48 in. (1219 mm) clearance required on top of unit.
NOTE — 24 in. (610 mm) required between two units

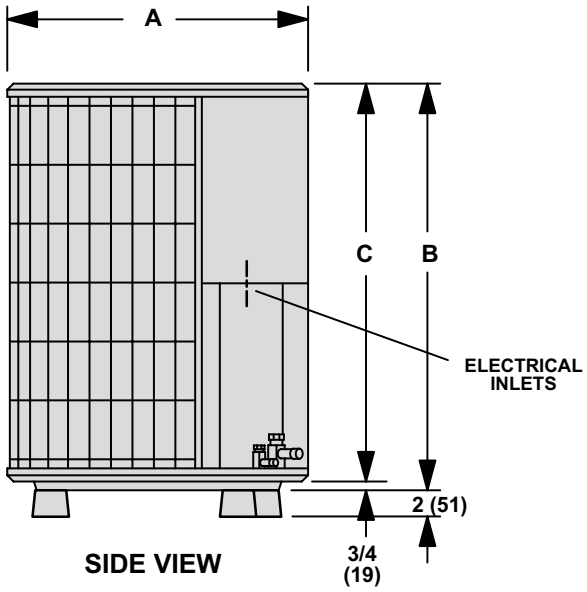
DIMENSIONS - IN. (MM)



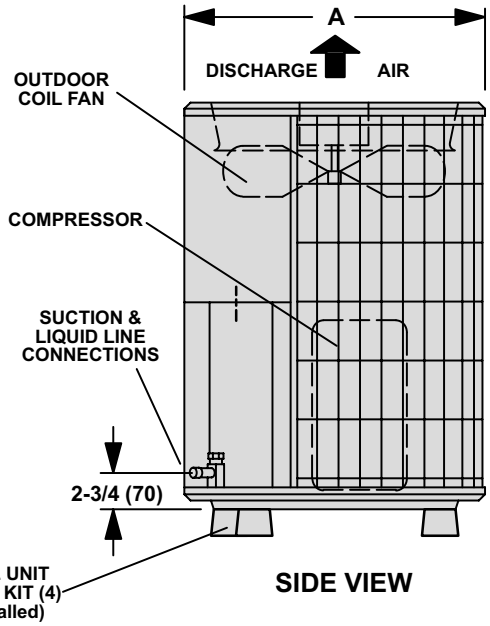
TOP VIEW



TOP VIEW BASE SECTION



SIDE VIEW



SIDE VIEW

Model No.		A	B	C
12ACB24 12ACB30 12ACB36 12ACB42	in.	24-1/4	33-1/4	32-1/2
	mm	616	845	826
12ACB48 12ACB60	in.	28-1/4	37-1/4	36-1/2
	mm	718	946	927

ARI RATINGS

Unit Size Model No. [2]Sound Rating Number	[1]ARI Standard 210/240 Ratings					Up-Flow	Down-Flow	Horizontal	[3]Expansion Valve Kit Required
	Cooling Cap.		SEER	EER	Total Unit Watts	Evaporator Coils			
	Btuh	kW							
2 Ton 12ACB24 (76 db)	23,200	6.8	12.00	10.70	2168	C23-26	- - - -	- - - -	LB-85663J **(26K34)**
						C33-24A/B		- - - -	
	23,600	6.9	12.10	10.80	2185	C26-26	- - - -	- - - -	Factory Installed
	23,800	7.0	12.20	10.90	2183	[5]C23-31	- - - -	- - - -	LB-85663J **(26K34)**
						C33-30A/B			
	24,800	7.3	12.80	11.40	2175	C26-31	- - - -	- - - -	Factory Installed
	24,400	7.2	12.60	11.20	2179	- - - -	CR26-31	- - - -	LB-85663J **(26K34)**
	23,200	6.8	12.00	10.60	2189	- - - -	- - - -	CH23-21	
	23,400	6.9	12.00	10.80	2167	- - - -	- - - -	CH33-30A-F	
						- - - -	- - - -	CH23-31	
	24,200	7.1	12.50	11.20	2161			CH33-36A/B/C-F	
						- - - -	- - - -	CH23-41	
	Btuh	**kW**	**SEER**	**EER**	**Watts**	**Blower Coil Units**			**Valve**
	23,600	6.9	12.20	10.90	2165	CB29M-31(Multi-Position)			Factory Installed
	24,600	7.2	12.90	10.90	2257	CB30U-21/26	- - - -	- - - -	
						CB30M-21/26 (Multi-Position)			
	25,000	7.3	13.20	11.80	2119	CB30U-31	- - - -	- - - -	
						CB30M-31 (Multi-Position)			
	23,400	6.9	12.10	10.80	2167	[4]CVP10-26/EC10Q2	- - - -	- - - -	
2.5 Ton 12ACB30 (78 db) US (76 db) Canada	**Btuh**	**kW**	**SEER**	**EER**	**Watts**	**Evaporator Coils**			**Valve**
	30,600	9.0	12.00	10.60	2887	C33-30A/B	- - - -	- - - -	LB-85663J **(26K34)**
						C26-31	- - - -	- - - -	Factory Installed
	30,800	9.0	12.00	10.70	2879	C33-38A/B	- - - -	- - - -	LB-85663J **(26K34)**
						[5]C26-41	- - - -	- - - -	Factory Installed
	30,800	9.0	12.00	10.70	2879	- - - -	CR26-41	- - - -	LB-85663J **(26K34)**
	30,000	8.8	12.00	10.50	2857	- - - -	- - - -	CH33-36A/B/C-F	
						- - - -	- - - -	CH23-41	
	Btuh	**kW**	**SEER**	**EER**	**Watts**	**Blower Coil Units**			**Valve**
	30,200	8.9	12.00	10.60	2849	CB30U-21/26	- - - -	- - - -	Factory Installed
						CB30M-21/26 (Multi-Position)			
	31,000	9.1	12.40	11.10	2793	CB30U-31	- - - -	- - - -	
						CB30M-31 (Multi-Position)			
	31,000	9.1	12.40	11.10	2793	CB30U-41/46	- - - -	- - - -	
						CB30M-41 (Multi-Position)			
	31,200	9.1	12.60	11.30	2761	CB31MV-41 (Multi-Position)			
	30,200	8.9	12.00	10.60	2849	[4]CVP10-41/EC10Q2	- - - -	- - - -	

NOTE - Ratings for coils include include all cased and uncased coils and all widths unless specific sizes are shown.
[1] Certified in accordance with the USE certification program, which is based on ARI Standard 210/240; 95°F (35°C) outdoor air temperature, 80°F (27°C) db / 67°F (19°C) wb entering evaporator air with 20 ft. (6.1 m) of connecting refrigerant lines.
[2] Sound Rating Number rated in accordance with test conditions included in ARI Standard 270.
[3] Kit is required and must be ordered extra, unless shown as factory installed.
[4] Canada Only.
[5] Most popular evaporator coil.

ARI RATINGS

Unit Size Model No. [2]Sound Rating Number	[1]ARI Standard 210/240 Ratings					Up-Flow	Down-Flow	Horizontal	[3]Expansion Valve Kit Required
	Cooling Cap.		SEER	EER	Total Unit Watts	Evaporator Coils			
	Btuh	kW							
3 Ton 12ACB36 (78 db) US (76 db) Canada	34,600	10.1	12.00	10.55	3265	C33-36A/B/C	- - - -	- - - -	LB-85663J **(26K34)**
						[5]C23-41	- - - -	- - - -	
	35,400	10.4	12.50	10.75	3290	C26-31	- - - -	- - - -	Factory Installed
	35,600	10.4	12.25	10.80	3290	C33-42B	- - - -	- - - -	LB-85663J **(26K34)**
						C23-46	- - - -	- - - -	
	36,200	10.6	12.50	10.95	3300	C33-38A/B	- - - -	- - - -	
						C26-41	- - - -	- - - -	Factory Installed
	36,600	10.7	12.50	11.05	3305	C26-46	- - - -	- - - -	
	36,800	10.8	12.50	11.10	3310	C23-51	- - - -	- - - -	LB-85663J **(26K34)**
	34,400	10.1	12.25	10.75	3200	- - - -	CR26-31	- - - -	
	36,200	10.6	12.50	10.95	3305	- - - -	CR26-41	- - - -	
	36,600	10.7	12.50	11.10	3295	- - - -	CR26-51	- - - -	
	35,600	10.4	12.25	10.80	3295	- - - -	- - - -	CH33-36A/B/C-F	
						- - - -	- - - -	CH23-41	
	36,400	10.7	12.50	11.00	3305	- - - -	- - - -	CH33-48C-F	
						- - - -	- - - -	CH23-51	
	Btuh	**kW**	**SEER**	**EER**	**Watts**	**Blower Coil Units**			**Valve**
	33,600	9.8	12.05	10.45	3225	CB29M-31 (Multi-Position)			Factory Installed
	34,200	10.0	12.05	10.30	3315	CB29M-41 (Multi-Position)			
	35,400	10.4	12.50	10.65	3320	CB29M-46 (Multi-Position)			
	35,600	10.4	12.75	10,75	3310	CB30U-31	- - - -	- - - -	
						CB30M-31 (Multi-Position)			
	36,000	10.5	13.05	11,10	3250	CB30U-41/46	- - - -	- - - -	
						CB30M-41 (Multi-Position)			
	36,200	10.6	13.05	11.30	3210	CB30M-46 (Multi-Position)			
	36,200	10.6	13.50	11.45	3165	CB31MV-41 (Multi-Position)			
	37,000	10.8	13.05	11,50	3225	CB30U-51	- - - -	- - - -	
						CB30M-51 (Multi-Position)			
	37,200	10.9	13.50	12.00	3100	CB31MV-51 (Multi-Position)			
	35,400	10.4	12.25	10.75	3290	[4]CVP10-46/EC10Q4	- - - -	- - - -	
	35,600	10.4	12.25	10.80	3290	[4]CVP10-41/EC10Q3	- - - -	- - - -	
3-1/2 Ton 12ACB42 (80 db) US (78 db) Canada	**Btuh**	**kW**	**SEER**	**EER**	**Watts**	**Evaporator Coils**			**Valve**
	37,800	11.1	11.50	9.90	3815	C23-41	- - - -	- - - -	LB-85663K **(26K35)**
	40,000	11.7	12.00	10.20	3930	C33-44C	- - - -	- - - -	
						C23-46	- - - -	- - - -	
	40,000	11.7	12.25	10.45	3830	C26-41	- - - -	- - - -	Factory Installed
	41,500	12.2	12.25	10.50	3945	C26-46	- - - -	- - - -	
	42,000	12.3	12.30	10.85	3945	C33-48B/C	- - - -	- - - -	LB-85663K **(26K35)**
						[5]C23-51	- - - -	- - - -	
	42,000	12.3	12.50	10.65	3950	C26-51	- - - -	- - - -	●Factory Installed
	41,000	12.0	12.25	10.40	3940	- - - -	CR26-41	- - - -	LB-85663K **(26K35)**
	41,500	12.2	12.50	10.50	3950	- - - -	CR26-51	- - - -	
	40,500	11.9	12.00	10.30	3940	- - - -	- - - -	CH23-41	
						- - - -	- - - -	CH33-42B-F	
	41,500	12.2	12.25	10.50	3950	- - - -	- - - -	CH33-48C-F	
						- - - -	- - - -	CH23-51	
	Btuh	**kW**	**SEER**	**EER**	**Watts**	**Blower Coil Units**			**Valve**
	37,800	11.1	11.50	9.55	3950	CB29M-41 (Multi-Position)			Factory Installed
	40,000	11.7	12.05	10.00	3995	CB29M-46 (Multi-Position)			
	40,500	11.9	12.50	10.60	3825	CB30U-41	- - - -	- - - -	
						CB30M-41 (Multi-Position)			
	40,500	11.9	12.60	10.65	3810	CB31MV-41 (Multi-Position)			
	42,000	12.3	12.05	10.40	4045	CB29M-51 (Multi-Position)			
	42,000	12.3	12.50	10.90	3850	CB30U-41/46	- - - -	- - - -	
						CB30M-46 (Multi-Position)			
	42,000	12.3	12.75	10.95	3840	CB30U-51	- - - -	- - - -	
						CB30M-51 (Multi-Position)			
	42,500	12.5	13.05	11.35	3740	CB31MV-51 (Multi-Position)			
	40,500	11.9	12.00	10.30	3935	[4]CVP10-46/EC10Q4	- - - -	- - - -	
	40,500	11.9	12.00	10.30	3940	[4]CVP10-51/EC10Q4	- - - -	- - - -	

NOTE - Ratings for coils include include all cased and uncased coils and all widths unless specific sizes are shown.
[1] Certified in accordance with the USE certification program, which is based on ARI Standard 210/240; 95°F (35°C) outdoor air temperature, 80°F (27°C) db / 67°F (19°C) wb entering evaporator air with 20 ft. (6.1 m) of connecting refrigerant lines.
[2] Sound Rating Number rated in accordance with test conditions included in ARI Standard 270.
[3] Kit is required and must be ordered extra, unless shown as factory installed.
[4] Canada Only.
[5] Most popular evaporator coil.

ARI RATINGS

Unit Size Model No. [2]Sound Rating Number	[1]ARI Standard 210/240 Ratings					Up-Flow	Down-Flow	Horizontal	[3]Expansion Valve Kit Required
	Cooling Cap.		SEER	EER	Total Unit Watts	Evaporator Coils			
	Btuh	kW							
4 Ton 12ACB48 (82 db) US (80 db) Canada	44,500	12.3	12.25	10.50	4240	C26-41	- - - -	- - - -	Factory Installed
	46,500	13.6	12.50	10.75	4340	C26-46	- - - -	- - - -	
	47,500	13.9	12.50	10.80	4400	[5]C23-51	- - - -	- - - -	LB-85663K **(26K35)**
						C33-48B/C	- - - -	- - - -	
	48,000	14.1	12.50	10.80	4440	C33-60D	- - - -	- - - -	
						C26-51/65	- - - -	- - - -	Factory Installed
	49,000	14.4	12.75	11.00	4460	C23-51/65	- - - -	- - - -	LB-85663K **(26K35)**
	50,000	14.7	13.00	11.15	4460	C26-65EAP	- - - -	- - - -	Factory Installed
	46,000	13.5	12.25	10.55	4340	- - - -	CR26-41	- - - -	LB-85663K **(26K35)**
	48,000	14.1	12.50	10.85	4440	- - - -	CR26-51	- - - -	
	49,000	14.4	12.75	11.00	4460	- - - -	CR26-65	- - - -	
	47,500	13.9	12.50	10.75	4440	- - - -	- - - -	CH33-48C-F	
						- - - -	- - - -	CH23-51	
	48,000	14.1	12.50	10.85	4440	- - - -	- - - -	CH33-60D-F	
						- - - -	- - - -	CH23-65	
	50,000	14.7	13.00	11.15	4460	- - - -	- - - -	CH23-68	
	Btuh	**kW**	**SEER**	**EER**	**Watts**	**Blower Coil Units**			**Valve**
	45,000	13.2	12.50	10.70	4215	CB30M-41 (Multi-Position)			Factory Installed
	45,000	13.2	12.50	10.70	4200	CB31MV-41 (Multi-Position)			
	46,000	13.5	12.05	10.20	4505	CB29M-46 (Multi-Position)			
	46,500	13.6	12.75	10.95	4245	CB30U-41/46	- - - -	- - - -	
						CB30M-46 (Multi-Position)			
	47,000	13.8	12.25	10.50	4475	CB29M-51 (Multi-Position)			
	47,500	13.9	12.35	10.55	4510	CB29M-65 (Multi-Position)			
	48,500	14.2	13.10	11.25	4315	CB30U-51	- - - -	- - - -	
						CB30M-51 (Multi-Position)			
	48,500	14.2	13.05	11.10	4365	CB30U-65	- - - -	- - - -	
						CB30M-65 (Multi-Position)			
	48,500	14.2	13.25	11.35	4265	CB31MV-51 (Multi-Position)			
	49,000	14.4	13.20	11.45	4285	CB31MV-65 (Multi-Position)			
	46,500	13.6	12.25	10.55	4420	[4]CVP10-51/EC10Q4	- - - -	- - - -	
	48,000	14.1	12.50	10.75	4440	[4]CVP10-65/EC10Q5	- - - -	- - - -	
5 Ton 12ACB60 (82 db) US (80 db) Canada	**Btuh**	**kW**	**SEER**	**EER**	**Watts**	**Evaporator Coils**			**Valve**
	54,500	16.0	12.00	10.15	5380	C26-51/65	- - - -	- - - -	Factory Installed
	57,000	16.7	12.00	10.30	5540	C33-60D	- - - -	- - - -	
						[5]C23-51/65	- - - -	- - - -	LB-85663K **(26K35)**
	58,000	17.0	12.25	10.50	5500	C33-62	- - - -	- - - -	
						C26-65EAP	- - - -	- - - -	Factory Installed
	55,500	16.3	12.00	10.20	5420	- - - -	CR26-51	- - - -	LB-85663K **(26K35)**
	57,500	16.8	12.00	10.35	5580	- - - -	CR26-65	- - - -	
	57,000	16.7	12.00	10.20	5560	- - - -	- - - -	CH33-60D-F	
						- - - -	- - - -	CH23-65	
	58,000	17.0	12.25	10.50	5500	- - - -	- - - -	CH33-62D-F	
						- - - -	- - - -	CH23-68	
	Btuh	**kW**	**SEER**	**EER**	**Watts**	**Blower Coil Units**			**Valve**
	55,000	16.1	11.40	9.65	5700	CB29M-51 (Multi-Position)			Factory Installed
	55,000	16.1	11.50	9.75	5640	CB29M-65 (Multi-Position)			
	55,500	16.3	12.50	10.60	5240	CB30U-51	- - - -	- - - -	
						CB30M-51 (Multi-Position)			
	55,500	16.3	12.65	10.70	5190	CB31MV-51 (Multi-Position)			
	57,000	16.7	12.50	10.55	5395	CB30U-65	- - - -	- - - -	
						CB30M-65 (Multi-Position)			
	57,000	16.7	12.60	10.65	5360	CB31MV-65 (Multi-Position)			
	56,000	16.4	12.00	10.25	5500	[4]CVP10-65/EC10Q5	- - - -	- - - -	

NOTE - Ratings for coils include include all cased and uncased coils and all widths unless specific sizes are shown.
[1] Certified in accordance with the USE certification program, which is based on ARI Standard 210/240; 95°F (35°C) outdoor air temperature, 80°F (27°C) db / 67°F (19°C) wb entering evaporator air with 20 ft. (6.1 m) of connecting refrigerant lines.
[2] Sound Rating Number rated in accordance with test conditions included in ARI Standard 270.
[3] Kit is required and must be ordered extra, unless shown as factory installed.
[4] Canada Only.
[5] Most popular evaporator coil.

RATINGS

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

12ACB24 — C23-26 - C33-24A/B COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	22.5	6.6	1.54	.71	.83	.95	21.7	6.4	1.74	.71	.85	.96	20.9	6.1	1.97	.73	.86	.98	20.0	5.9	2.25	.74	.88	.99
	800	380	23.6	6.9	1.53	.76	.91	1.00	22.8	6.7	1.73	.78	.93	1.00	22.0	6.4	1.96	.79	.94	1.00	21.0	6.2	2.23	.81	.96	1.00
	1000	470	24.5	7.2	1.53	.82	.97	1.00	23.7	6.9	1.73	.84	.98	1.00	22.9	6.7	1.95	.86	.99	1.00	22.0	6.4	2.22	.87	1.00	1.00
67°F (19°C)	600	285	24.0	7.0	1.53	.56	.68	.80	23.2	6.8	1.73	.56	.69	.81	22.3	6.5	1.96	.57	.70	.83	21.3	6.2	2.23	.57	.71	.85
	800	380	25.0	7.3	1.53	.59	.74	.88	24.2	7.1	1.72	.60	.75	.90	23.2	6.8	1.95	.61	.77	.91	22.2	6.5	2.22	.62	.78	.93
	1000	470	25.7	7.5	1.53	.63	.80	.95	24.8	7.3	1.72	.63	.81	.96	23.9	7.0	1.95	.65	.83	.98	22.8	6.7	2.22	.66	.85	.99
71°F (22°C)	600	285	25.6	7.5	1.53	.43	.54	.65	24.8	7.3	1.72	.42	.54	.66	23.9	7.0	1.95	.43	.55	.67	22.9	6.7	2.22	.43	.55	.68
	800	380	26.7	7.8	1.52	.43	.57	.72	25.8	7.6	1.72	.44	.58	.73	24.8	7.3	1.94	.44	.59	.74	23.7	6.9	2.21	.44	.60	.76
	1000	470	27.4	8.0	1.52	.45	.61	.78	26.4	7.7	1.71	.45	.63	.80	25.4	7.4	1.94	.46	.63	.81	24.3	7.1	2.20	.46	.65	.83

12ACB24 — C26-26 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	22.8	6.7	1.53	.70	.83	.95	22.0	6.4	1.73	.72	.85	.96	21.2	6.2	1.96	.72	.86	.97	20.2	5.9	2.24	.74	.88	.99
	800	380	24.0	7.0	1.53	.76	.91	1.00	23.2	6.8	1.72	.78	.93	1.00	22.3	6.5	1.95	.80	.95	1.00	21.3	6.2	2.22	.81	.97	1.00
	1000	470	24.9	7.3	1.53	.83	.98	1.00	24.1	7.1	1.72	.84	.99	1.00	23.3	6.8	1.95	.86	1.00	1.00	22.3	6.5	2.21	.88	1.00	1.00
67°F (19°C)	600	285	24.4	7.2	1.53	.56	.68	.80	23.5	6.9	1.72	.56	.69	.81	22.6	6.6	1.95	.57	.70	.82	21.6	6.3	2.22	.57	.71	.84
	800	380	25.5	7.5	1.53	.59	.74	.88	24.6	7.2	1.72	.60	.75	.90	23.6	6.9	1.94	.61	.77	.92	22.6	6.6	2.21	.62	.78	.93
	1000	470	26.2	7.7	1.52	.63	.80	.95	25.3	7.4	1.72	.64	.82	.96	24.3	7.1	1.94	.65	.84	.98	23.2	6.8	2.21	.66	.85	.99
71°F (22°C)	600	285	26.1	7.6	1.52	.42	.54	.65	25.2	7.4	1.72	.42	.54	.66	24.3	7.1	1.94	.42	.55	.67	23.2	6.8	2.21	.43	.56	.68
	800	380	27.2	8.0	1.52	.43	.57	.72	26.2	7.7	1.71	.44	.58	.73	25.2	7.4	1.93	.44	.59	.75	24.1	7.1	2.20	.44	.60	.76
	1000	470	27.9	8.2	1.52	.45	.62	.78	26.9	7.9	1.71	.45	.62	.80	25.9	7.6	1.93	.46	.64	.81	24.7	7.2	2.19	.46	.65	.83

12ACB24 — C23-31 - C33-30A/B COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	23.0	6.7	1.54	.70	.83	.94	22.2	6.5	1.73	.71	.84	.96	21.4	6.3	1.97	.72	.86	.97	20.4	6.0	2.24	.73	.87	.99
	800	380	24.2	7.1	1.53	.76	.90	1.00	23.4	6.9	1.73	.77	.92	1.00	22.5	6.6	1.96	.78	.94	1.00	21.5	6.3	2.23	.80	.96	1.00
	1000	470	25.1	7.4	1.53	.81	.97	1.00	24.3	7.1	1.72	.83	.98	1.00	23.4	6.9	1.95	.85	.99	1.00	22.5	6.6	2.22	.86	1.00	1.00
67°F (19°C)	600	285	24.6	7.2	1.53	.56	.67	.79	23.8	7.0	1.73	.56	.68	.81	22.9	6.7	1.95	.56	.69	.82	21.9	6.4	2.23	.57	.70	.84
	800	380	25.7	7.5	1.53	.59	.73	.88	24.8	7.3	1.72	.59	.75	.89	23.9	7.0	1.95	.60	.76	.90	22.8	6.7	2.22	.61	.78	.93
	1000	470	26.4	7.7	1.53	.62	.79	.94	25.5	7.5	1.72	.63	.81	.95	24.5	7.2	1.94	.64	.82	.97	23.4	6.9	2.21	.65	.85	.99
71°F (22°C)	600	285	26.4	7.7	1.53	.42	.53	.64	25.5	7.5	1.72	.42	.54	.65	24.6	7.2	1.94	.42	.54	.66	23.5	6.9	2.21	.43	.55	.68
	800	380	27.5	8.1	1.52	.43	.57	.71	26.5	7.8	1.71	.43	.58	.72	25.5	7.5	1.94	.44	.59	.73	24.4	7.2	2.20	.44	.60	.75
	1000	470	28.2	8.3	1.52	.44	.61	.77	27.2	8.0	1.71	.45	.62	.78	26.2	7.7	1.93	.45	.63	.80	25.0	7.3	2.20	.46	.64	.82

12ACB24 — C26-31 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	23.8	7.0	1.53	.70	.82	.94	23.0	6.7	1.73	.71	.83	.96	22.1	6.5	1.96	.72	.85	.97	21.0	6.2	2.23	.73	.88	.99
	800	380	25.1	7.4	1.53	.76	.91	1.00	24.2	7.1	1.72	.77	.93	1.00	23.3	6.8	1.95	.79	.94	1.00	22.2	6.5	2.22	.80	.96	1.00
	1000	470	26.1	7.6	1.53	.82	.98	1.00	25.2	7.4	1.72	.83	.99	1.00	24.3	7.1	1.94	.85	1.00	1.00	23.3	6.8	2.21	.88	1.00	1.00
67°F (19°C)	600	285	25.5	7.5	1.53	.55	.67	.79	24.6	7.2	1.72	.56	.68	.80	23.7	6.9	1.95	.56	.69	.82	22.6	6.6	2.22	.57	.70	.83
	800	380	26.7	7.8	1.53	.59	.73	.87	25.8	7.6	1.72	.59	.75	.89	24.8	7.3	1.94	.60	.76	.91	23.6	6.9	2.21	.61	.78	.93
	1000	470	27.5	8.1	1.52	.63	.80	.95	26.5	7.8	1.71	.63	.82	.97	25.5	7.5	1.94	.65	.83	.98	24.3	7.1	2.20	.66	.85	1.00
71°F (22°C)	600	285	27.3	8.0	1.52	.42	.53	.64	26.4	7.7	1.71	.42	.54	.66	25.4	7.4	1.94	.43	.54	.66	24.3	7.1	2.20	.43	.55	.67
	800	380	28.6	8.4	1.52	.43	.57	.71	27.6	8.1	1.71	.43	.58	.72	26.5	7.8	1.93	.44	.59	.74	25.3	7.4	2.19	.44	.60	.75
	1000	470	29.4	8.6	1.52	.45	.61	.78	28.3	8.3	1.71	.45	.62	.79	27.2	8.0	1.93	.46	.63	.81	25.9	7.6	2.19	.46	.65	.83

RATINGS

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

12ACB24 — CR26-31 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	23.5	6.9	1.53	.70	.83	.94	22.7	6.7	1.73	.71	.84	.96	21.8	6.4	1.96	.72	.86	.97	20.8	6.1	2.23	.73	.88	.99
	800	380	24.7	7.2	1.53	.76	.91	1.00	23.9	7.0	1.72	.77	.92	1.00	23.0	6.7	1.95	.79	.94	1.00	21.9	6.4	2.22	.81	.96	1.00
	1000	470	25.7	7.5	1.53	.82	.97	1.00	24.8	7.3	1.72	.84	.99	1.00	23.9	7.0	1.94	.85	1.00	1.00	23.0	6.7	2.21	.87	1.00	1.00
67°F (19°C)	600	285	25.1	7.4	1.53	.56	.68	.79	24.3	7.1	1.72	.56	.68	.81	23.4	6.9	1.95	.56	.69	.82	22.3	6.5	2.22	.57	.71	.83
	800	380	26.3	7.7	1.52	.59	.74	.88	25.4	7.4	1.72	.59	.75	.89	24.4	7.2	1.94	.60	.76	.91	23.3	6.8	2.21	.61	.78	.93
	1000	470	27.1	7.9	1.52	.63	.80	.95	26.1	7.6	1.71	.63	.81	.96	25.1	7.4	1.94	.64	.83	.98	23.9	7.0	2.20	.66	.85	1.00
71°F (22°C)	600	285	26.9	7.9	1.52	.42	.54	.65	26.0	7.6	1.71	.42	.54	.66	25.0	7.3	1.94	.42	.55	.67	24.0	7.0	2.20	.43	.55	.68
	800	380	28.1	8.2	1.52	.43	.57	.71	27.1	7.9	1.71	.44	.58	.72	26.1	7.6	1.93	.44	.59	.74	24.9	7.3	2.20	.44	.60	.76
	1000	470	28.8	8.4	1.52	.45	.61	.78	27.8	8.1	1.71	.45	.62	.79	26.7	7.8	1.93	.45	.63	.81	25.5	7.5	2.19	.46	.65	.83

12ACB24 — CH23-21 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	22.4	6.6	1.54	.71	.83	.95	21.7	6.4	1.73	.72	.84	.96	20.9	6.1	1.97	.73	.86	.97	19.9	5.8	2.24	.74	.88	.99
	800	380	23.6	6.9	1.53	.76	.91	1.00	22.8	6.7	1.73	.78	.93	1.00	22.0	6.4	1.96	.79	.94	1.00	21.0	6.2	2.23	.81	.96	1.00
	1000	470	24.5	7.2	1.53	.83	.98	1.00	23.7	6.9	1.72	.84	.99	1.00	22.9	6.7	1.95	.85	1.00	1.00	22.0	6.4	2.22	.88	1.00	1.00
67°F (19°C)	600	285	24.0	7.0	1.53	.56	.68	.80	23.2	6.8	1.73	.56	.69	.81	22.3	6.5	1.95	.57	.70	.83	21.3	6.2	2.23	.57	.71	.84
	800	380	25.0	7.3	1.53	.59	.74	.88	24.2	7.1	1.72	.60	.75	.89	23.3	6.8	1.95	.61	.76	.91	22.2	6.5	2.22	.62	.78	.93
	1000	470	25.7	7.5	1.53	.63	.81	.95	24.9	7.3	1.72	.64	.82	.96	23.9	7.0	1.94	.65	.83	.98	22.8	6.7	2.21	.66	.86	.99
71°F (22°C)	600	285	25.7	7.5	1.53	.43	.54	.65	24.8	7.3	1.72	.42	.54	.66	23.9	7.0	1.94	.43	.55	.67	22.9	6.7	2.21	.43	.55	.68
	800	380	26.7	7.8	1.52	.43	.58	.72	25.8	7.6	1.71	.44	.58	.73	24.8	7.3	1.94	.44	.59	.74	23.8	7.0	2.20	.44	.60	.76
	1000	470	27.4	8.0	1.52	.45	.61	.78	26.5	7.8	1.71	.45	.62	.79	25.4	7.4	1.94	.46	.64	.81	24.3	7.1	2.20	.46	.65	.83

12ACB24 — CH33-30A-F - CH23-31 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	22.6	6.6	1.53	.70	.83	.94	21.8	6.4	1.73	.71	.84	.95	21.0	6.2	1.96	.72	.86	.97	20.0	5.9	2.24	.74	.88	.99
	800	380	23.8	7.0	1.53	.76	.91	1.00	23.0	6.7	1.72	.77	.93	1.00	22.1	6.5	1.95	.79	.94	1.00	21.1	6.2	2.22	.81	.96	1.00
	1000	470	24.7	7.2	1.53	.82	.98	1.00	23.9	7.0	1.72	.83	.99	1.00	23.1	6.8	1.95	.85	1.00	1.00	22.1	6.5	2.21	.87	1.00	1.00
67°F (19°C)	600	285	24.2	7.1	1.53	.55	.67	.79	23.3	6.8	1.72	.56	.69	.81	22.4	6.6	1.95	.57	.70	.82	21.4	6.3	2.22	.57	.71	.84
	800	380	25.3	7.4	1.53	.59	.74	.88	24.4	7.2	1.72	.59	.75	.89	23.4	6.9	1.94	.61	.76	.91	22.4	6.6	2.21	.61	.78	.93
	1000	470	26.0	7.6	1.52	.62	.80	.95	25.1	7.4	1.72	.64	.81	.96	24.1	7.1	1.94	.65	.83	.98	23.0	6.7	2.21	.66	.85	1.00
71°F (22°C)	600	285	25.9	7.6	1.52	.42	.53	.65	25.0	7.3	1.72	.42	.54	.66	24.1	7.1	1.94	.42	.54	.67	23.0	6.7	2.21	.43	.56	.68
	800	380	27.0	7.9	1.52	.43	.57	.71	26.0	7.6	1.71	.43	.58	.73	25.0	7.3	1.93	.44	.59	.74	23.9	7.0	2.20	.44	.60	.75
	1000	470	27.7	8.1	1.52	.45	.61	.78	26.7	7.8	1.71	.45	.62	.79	25.7	7.5	1.93	.46	.63	.81	24.5	7.2	2.19	.46	.65	.83

12ACB24 — CH33-36A/B/C-F - CH23-41 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	23.3	6.8	1.54	.70	.83	.94	22.5	6.6	1.73	.71	.84	.96	21.6	6.3	1.96	.72	.86	.98	20.6	6.0	2.24	.73	.87	1.00
	800	380	24.6	7.2	1.53	.76	.91	1.00	23.7	6.9	1.73	.78	.93	1.00	22.8	6.7	1.95	.79	.95	1.00	21.8	6.4	2.22	.81	.97	1.00
	1000	470	25.6	7.5	1.53	.83	.98	1.00	24.8	7.3	1.72	.84	.99	1.00	23.9	7.0	1.95	.86	1.00	1.00	22.9	6.7	2.21	.88	1.00	1.00
67°F (19°C)	600	285	24.9	7.3	1.53	.55	.67	.79	24.1	7.1	1.73	.56	.68	.80	23.1	6.8	1.95	.56	.69	.82	22.1	6.5	2.22	.57	.71	.84
	800	380	26.2	7.7	1.53	.59	.74	.88	25.2	7.4	1.72	.60	.75	.89	24.2	7.1	1.95	.60	.76	.91	23.1	6.8	2.21	.61	.78	.94
	1000	470	27.0	7.9	1.53	.63	.80	.96	26.0	7.6	1.72	.64	.82	.97	24.9	7.3	1.94	.65	.84	.99	23.8	7.0	2.21	.66	.86	1.00
71°F (22°C)	600	285	26.7	7.8	1.53	.42	.54	.65	25.8	7.6	1.72	.42	.54	.66	24.8	7.3	1.94	.42	.54	.67	23.8	7.0	2.21	.42	.55	.68
	800	380	28.0	8.2	1.53	.43	.57	.71	27.0	7.9	1.72	.44	.58	.73	25.9	7.6	1.94	.44	.59	.74	24.7	7.2	2.20	.44	.60	.76
	1000	470	28.8	8.4	1.53	.45	.61	.78	27.7	8.1	1.72	.45	.62	.79	26.6	7.8	1.93	.45	.64	.81	25.4	7.4	2.20	.46	.65	.84

RATINGS

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

12ACB24 — CB29M-31 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	22.9	6.7	1.53	.71	.83	.94	22.1	6.5	1.72	.71	.84	.96	21.3	6.2	1.95	.72	.86	.97	20.3	5.9	2.23	.74	.88	.99
	800	380	24.1	7.1	1.52	.76	.91	1.00	23.2	6.8	1.72	.78	.93	1.00	22.4	6.6	1.95	.79	.94	1.00	21.4	6.3	2.22	.81	.96	1.00
	1000	470	25.0	7.3	1.52	.82	.97	1.00	24.2	7.1	1.71	.84	.98	1.00	23.3	6.8	1.94	.85	1.00	1.00	22.4	6.6	2.21	.87	1.00	1.00
67°F (19°C)	600	285	24.5	7.2	1.52	.56	.67	.80	23.6	6.9	1.72	.56	.69	.81	22.7	6.7	1.94	.57	.70	.82	21.7	6.4	2.21	.57	.71	.84
	800	380	25.5	7.5	1.52	.59	.74	.88	24.6	7.2	1.71	.60	.75	.90	23.7	6.9	1.94	.60	.76	.91	22.6	6.6	2.21	.62	.78	.93
	1000	470	26.2	7.7	1.52	.63	.80	.95	25.3	7.4	1.71	.63	.81	.96	24.3	7.1	1.93	.65	.83	.98	23.2	6.8	2.20	.66	.85	.99
71°F (22°C)	600	285	26.2	7.7	1.52	.42	.53	.65	25.3	7.4	1.71	.42	.54	.66	24.4	7.2	1.93	.43	.55	.67	23.3	6.8	2.20	.43	.55	.68
	800	380	27.3	8.0	1.52	.43	.57	.71	26.3	7.7	1.71	.44	.58	.73	25.3	7.4	1.93	.44	.59	.74	24.2	7.1	2.19	.44	.60	.76
	1000	470	27.9	8.2	1.51	.45	.61	.78	27.0	7.9	1.70	.45	.62	.79	25.9	7.6	1.92	.46	.63	.81	24.8	7.3	2.19	.46	.65	.83

12ACB24 — CB30M-21/26 - CB30U-21/26 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	23.5	6.9	1.54	.70	.83	.95	22.7	6.7	1.73	.71	.84	.96	21.8	6.4	1.96	.72	.86	.97	20.8	6.1	2.24	.73	.88	.99
	800	380	24.8	7.3	1.53	.76	.91	1.00	24.0	7.0	1.73	.77	.93	1.00	23.0	6.7	1.96	.79	.94	1.00	22.0	6.4	2.23	.81	.96	1.00
	1000	470	25.8	7.6	1.53	.82	.98	1.00	24.9	7.3	1.72	.84	.99	1.00	24.1	7.1	1.95	.86	1.00	1.00	23.1	6.8	2.22	.88	1.00	1.00
67°F (19°C)	600	285	25.2	7.4	1.53	.56	.67	.79	24.4	7.2	1.73	.56	.68	.80	23.4	6.9	1.95	.56	.69	.82	22.4	6.6	2.22	.57	.71	.84
	800	380	26.4	7.7	1.53	.59	.73	.88	25.5	7.5	1.72	.60	.75	.89	24.5	7.2	1.95	.60	.76	.91	23.4	6.9	2.22	.61	.78	.93
	1000	470	27.2	8.0	1.53	.63	.80	.95	26.2	7.7	1.72	.63	.81	.97	25.2	7.4	1.94	.65	.83	.98	24.0	7.0	2.21	.66	.85	1.00
71°F (22°C)	600	285	27.0	7.9	1.53	.42	.53	.65	26.1	7.6	1.72	.43	.54	.66	25.1	7.4	1.94	.43	.55	.67	24.0	7.0	2.21	.43	.55	.68
	800	380	28.2	8.3	1.53	.43	.57	.71	27.3	8.0	1.72	.44	.58	.72	26.2	7.7	1.94	.44	.59	.74	25.0	7.3	2.20	.44	.60	.76
	1000	470	29.0	8.5	1.53	.45	.61	.78	28.0	8.2	1.72	.45	.62	.79	26.9	7.9	1.94	.45	.63	.81	25.6	7.5	2.20	.46	.65	.83

12ACB24 — CB30U-31 - CB30M-31 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	23.7	6.9	1.54	.70	.83	.94	22.9	6.7	1.73	.71	.84	.96	22.0	6.4	1.96	.72	.85	.98	21.0	6.2	2.23	.73	.87	.99
	800	380	25.1	7.4	1.53	.76	.91	1.00	24.2	7.1	1.73	.78	.93	1.00	23.2	6.8	1.95	.78	.94	1.00	22.2	6.5	2.22	.80	.96	1.00
	1000	470	26.1	7.6	1.53	.82	.98	1.00	25.2	7.4	1.72	.83	.99	1.00	24.3	7.1	1.95	.85	1.00	1.00	23.3	6.8	2.21	.88	1.00	1.00
67°F (19°C)	600	285	25.5	7.5	1.53	.55	.67	.79	24.6	7.2	1.72	.56	.68	.80	23.6	6.9	1.95	.56	.69	.81	22.6	6.6	2.22	.57	.70	.84
	800	380	26.7	7.8	1.53	.59	.73	.87	25.8	7.6	1.72	.59	.74	.89	24.8	7.3	1.94	.60	.76	.91	23.6	6.9	2.21	.61	.78	.93
	1000	470	27.6	8.1	1.53	.63	.80	.95	26.5	7.8	1.72	.63	.82	.97	25.5	7.5	1.94	.65	.83	.98	24.3	7.1	2.20	.66	.85	1.00
71°F (22°C)	600	285	27.3	8.0	1.53	.42	.53	.64	26.4	7.7	1.72	.42	.54	.65	25.4	7.4	1.94	.43	.54	.66	24.3	7.1	2.21	.42	.55	.67
	800	380	28.6	8.4	1.53	.43	.57	.71	27.6	8.1	1.72	.43	.58	.72	26.5	7.8	1.94	.44	.59	.74	25.3	7.4	2.20	.44	.60	.75
	1000	470	29.4	8.6	1.53	.45	.61	.78	28.3	8.3	1.72	.45	.62	.79	27.2	8.0	1.93	.46	.63	.81	25.9	7.6	2.19	.46	.65	.83

12ACB24 — CVP10-26/EC10Q2 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	22.5	6.6	1.53	.70	.83	.94	21.8	6.4	1.72	.71	.84	.95	20.9	6.1	1.95	.72	.86	.97	20.0	5.9	2.22	.73	.87	.99
	800	380	23.8	7.0	1.52	.76	.91	1.00	23.0	6.7	1.71	.77	.92	1.00	22.1	6.5	1.94	.79	.94	1.00	21.1	6.2	2.21	.81	.96	1.00
	1000	470	24.7	7.2	1.52	.82	.98	1.00	23.9	7.0	1.71	.83	.99	1.00	23.1	6.8	1.93	.85	1.00	1.00	22.1	6.5	2.20	.87	1.00	1.00
67°F (19°C)	600	285	24.1	7.1	1.52	.56	.67	.79	23.3	6.8	1.71	.56	.68	.81	22.4	6.6	1.94	.56	.69	.82	21.4	6.3	2.21	.57	.71	.83
	800	380	25.3	7.4	1.52	.58	.74	.87	24.4	7.2	1.71	.59	.75	.89	23.4	6.9	1.93	.60	.76	.91	22.4	6.6	2.20	.61	.78	.93
	1000	470	26.0	7.6	1.52	.62	.80	.95	25.1	7.4	1.71	.63	.81	.96	24.1	7.1	1.93	.64	.83	.98	23.0	6.7	2.19	.66	.85	1.00
71°F (22°C)	600	285	25.9	7.6	1.52	.42	.53	.64	25.0	7.3	1.71	.42	.54	.65	24.0	7.0	1.93	.43	.55	.67	23.0	6.7	2.19	.43	.55	.68
	800	380	27.0	7.9	1.51	.43	.57	.71	26.1	7.6	1.70	.43	.58	.72	25.1	7.4	1.92	.44	.59	.74	24.0	7.0	2.19	.44	.60	.75
	1000	470	27.8	8.1	1.51	.45	.61	.77	26.8	7.9	1.70	.45	.62	.79	25.7	7.5	1.92	.46	.63	.81	24.6	7.2	2.18	.46	.65	.83

RATINGS

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

12ACB30 — C33-30A/B - C26-31 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	29.8	8.7	2.04	.71	.84	.96	28.8	8.4	2.29	.72	.85	.97	27.7	8.1	2.58	.73	.87	.99	26.6	7.8	2.92	.75	.89	1.00
	1000	470	31.0	9.1	2.03	.76	.91	1.00	30.0	8.8	2.29	.77	.92	1.00	28.9	8.5	2.57	.78	.93	1.00	27.7	8.1	2.90	.80	.95	1.00
	1200	565	32.0	9.4	2.04	.81	.96	1.00	30.9	9.1	2.29	.82	.97	1.00	29.8	8.7	2.58	.84	.99	1.00	28.7	8.4	2.90	.85	1.00	1.00
67°F (19°C)	800	380	31.9	9.3	2.03	.56	.68	.81	30.7	9.0	2.30	.56	.69	.82	29.6	8.7	2.58	.57	.70	.84	28.4	8.3	2.90	.58	.72	.85
	1000	470	33.0	9.7	2.04	.58	.73	.87	31.8	9.3	2.30	.59	.75	.89	30.6	9.0	2.59	.60	.76	.91	29.3	8.6	2.91	.61	.77	.93
	1200	565	33.8	9.9	2.05	.61	.78	.93	32.5	9.5	2.31	.62	.80	.95	31.2	9.1	2.60	.63	.81	.97	30.0	8.8	2.92	.65	.83	.98
71°F (22°C)	800	380	34.1	10.0	2.05	.43	.54	.66	32.9	9.6	2.31	.43	.54	.67	31.7	9.3	2.60	.43	.55	.68	30.4	8.9	2.92	.43	.56	.69
	1000	470	35.2	10.3	2.06	.43	.57	.71	33.9	9.9	2.32	.43	.58	.72	32.6	9.6	2.61	.44	.59	.74	31.3	9.2	2.92	.44	.60	.75
	1200	565	36.0	10.6	2.06	.44	.60	.76	34.6	10.1	2.33	.45	.61	.77	33.3	9.8	2.62	.45	.62	.79	31.8	9.3	2.93	.46	.64	.81

12ACB30 — C33-38A/B - C26-41 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	30.0	8.8	2.03	.71	.84	.96	28.9	8.5	2.28	.72	.85	.97	27.9	8.2	2.57	.73	.87	.99	26.7	7.8	2.90	.74	.89	1.00
	1000	470	31.2	9.1	2.03	.76	.91	1.00	30.1	8.8	2.28	.77	.92	1.00	29.0	8.5	2.57	.78	.94	1.00	27.8	8.1	2.89	.80	.96	1.00
	1200	565	32.2	9.4	2.04	.80	.96	1.00	31.1	9.1	2.29	.82	.97	1.00	30.0	8.8	2.57	.83	.99	1.00	28.9	8.5	2.90	.85	1.00	1.00
67°F (19°C)	800	380	32.1	9.4	2.03	.56	.68	.81	30.9	9.1	2.29	.56	.69	.82	29.8	8.7	2.57	.57	.70	.83	28.6	8.4	2.89	.58	.71	.85
	1000	470	33.2	9.7	2.04	.59	.73	.87	32.0	9.4	2.30	.59	.74	.89	30.8	9.0	2.59	.60	.76	.91	29.5	8.6	2.91	.61	.77	.93
	1200	565	34.0	10.0	2.05	.61	.78	.93	32.7	9.6	2.31	.62	.80	.95	31.5	9.2	2.59	.63	.81	.97	30.1	8.8	2.91	.64	.83	.98
71°F (22°C)	800	380	34.4	10.1	2.05	.42	.54	.65	33.1	9.7	2.31	.42	.54	.66	31.9	9.3	2.60	.43	.55	.67	30.6	9.0	2.91	.43	.56	.69
	1000	470	35.5	10.4	2.06	.43	.57	.71	34.2	10.0	2.32	.44	.58	.72	32.8	9.6	2.60	.44	.59	.73	31.5	9.2	2.92	.44	.60	.75
	1200	565	36.3	10.6	2.06	.44	.60	.76	34.9	10.2	2.33	.45	.61	.77	33.5	9.8	2.61	.45	.62	.79	32.1	9.4	2.93	.45	.63	.81

12ACB30 — CR26-41 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	30.0	8.8	2.04	.71	.84	.96	28.9	8.5	2.29	.72	.85	.97	27.9	8.2	2.58	.73	.87	.99	26.7	7.8	2.92	.74	.89	1.00
	1000	470	31.2	9.1	2.03	.76	.90	1.00	30.1	8.8	2.29	.77	.92	1.00	29.0	8.5	2.58	.78	.94	1.00	27.8	8.1	2.91	.80	.96	1.00
	1200	565	32.2	9.4	2.04	.81	.96	1.00	31.1	9.1	2.30	.82	.97	1.00	30.0	8.8	2.58	.83	.99	1.00	28.8	8.4	2.91	.85	1.00	1.00
67°F (19°C)	800	380	32.1	9.4	2.04	.56	.68	.81	30.9	9.1	2.30	.56	.69	.82	29.8	8.7	2.58	.57	.70	.83	28.6	8.4	2.90	.58	.72	.85
	1000	470	33.2	9.7	2.05	.58	.73	.87	32.0	9.4	2.31	.59	.74	.89	30.8	9.0	2.59	.60	.76	.91	29.5	8.6	2.92	.61	.78	.93
	1200	565	34.0	10.0	2.05	.61	.78	.93	32.7	9.6	2.32	.62	.80	.95	31.4	9.2	2.60	.63	.82	.97	30.1	8.8	2.92	.64	.83	.98
71°F (22°C)	800	380	34.3	10.1	2.05	.42	.54	.66	33.1	9.7	2.32	.42	.54	.66	31.8	9.3	2.60	.43	.55	.68	30.6	9.0	2.92	.43	.56	.69
	1000	470	35.4	10.4	2.06	.43	.57	.71	34.1	10.0	2.33	.43	.58	.72	32.8	9.6	2.61	.44	.59	.73	31.5	9.2	2.93	.44	.60	.75
	1200	565	36.2	10.6	2.07	.44	.60	.76	34.8	10.2	2.33	.45	.61	.77	33.5	9.8	2.62	.45	.62	.79	32.0	9.4	2.94	.46	.63	.81

12ACB30 — CH33-36A/B/C-F - CH23-41 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	29.2	8.6	2.03	.71	.85	.96	28.2	8.3	2.28	.72	.86	.98	27.2	8.0	2.57	.73	.87	.99	26.1	7.6	2.91	.75	.89	1.00
	1000	470	30.5	8.9	2.03	.76	.91	1.00	29.4	8.6	2.28	.77	.93	1.00	28.4	8.3	2.57	.79	.94	1.00	27.2	8.0	2.89	.80	.96	1.00
	1200	565	31.5	9.2	2.03	.81	.97	1.00	30.4	8.9	2.29	.83	.98	1.00	29.3	8.6	2.57	.84	.99	1.00	28.3	8.3	2.89	.86	1.00	1.00
67°F (19°C)	800	380	31.3	9.2	2.03	.56	.69	.81	30.2	8.9	2.29	.57	.70	.82	29.0	8.5	2.57	.57	.71	.84	27.9	8.2	2.89	.58	.72	.85
	1000	470	32.4	9.5	2.04	.59	.74	.88	31.2	9.1	2.30	.60	.75	.89	30.0	8.8	2.58	.60	.76	.91	28.8	8.4	2.90	.61	.78	.93
	1200	565	33.2	9.7	2.04	.62	.79	.94	31.9	9.3	2.31	.63	.81	.96	30.7	9.0	2.59	.64	.82	.97	29.4	8.6	2.91	.65	.84	.99
71°F (22°C)	800	380	33.5	9.8	2.04	.42	.54	.66	32.2	9.4	2.31	.43	.55	.67	31.0	9.1	2.59	.43	.55	.68	29.8	8.7	2.91	.43	.56	.69
	1000	470	34.6	10.1	2.05	.43	.57	.71	33.3	9.8	2.32	.44	.58	.73	32.0	9.4	2.60	.44	.59	.74	30.7	9.0	2.92	.44	.60	.76
	1200	565	35.3	10.3	2.06	.44	.61	.77	34.0	10.0	2.32	.45	.61	.78	32.6	9.6	2.61	.45	.63	.80	31.2	9.1	2.93	.46	.64	.82

RATINGS

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

12ACB30 — CB30M-21/26 - CB30U-21/26 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	29.5	8.6	2.04	.71	.84	.96	28.5	8.4	2.30	.72	.86	.97	27.5	8.1	2.59	.73	.87	.98	26.4	7.7	2.93	.74	.89	1.00
	1000	470	30.7	9.0	2.04	.76	.91	1.00	29.7	8.7	2.29	.77	.92	1.00	28.6	8.4	2.58	.78	.94	1.00	27.5	8.1	2.91	.80	.95	1.00
	1200	565	31.7	9.3	2.04	.81	.96	1.00	30.6	9.0	2.29	.82	.97	1.00	29.6	8.7	2.58	.84	.99	1.00	28.4	8.3	2.91	.85	1.00	1.00
67°F (19°C)	800	380	31.6	9.3	2.03	.56	.69	.81	30.5	8.9	2.29	.56	.70	.82	29.4	8.6	2.58	.57	.70	.83	28.2	8.3	2.91	.58	.72	.85
	1000	470	32.7	9.6	2.04	.59	.73	.88	31.5	9.2	2.30	.59	.75	.89	30.3	8.9	2.59	.60	.76	.91	29.1	8.5	2.91	.61	.78	.92
	1200	565	33.4	9.8	2.05	.61	.78	.93	32.2	9.4	2.31	.63	.80	.95	31.0	9.1	2.59	.63	.81	.96	29.7	8.7	2.92	.65	.83	.98
71°F (22°C)	800	380	33.8	9.9	2.05	.42	.54	.66	32.6	9.6	2.31	.42	.55	.67	31.4	9.2	2.60	.43	.55	.68	30.1	8.8	2.92	.43	.56	.69
	1000	470	34.9	10.2	2.06	.43	.57	.71	33.6	9.8	2.32	.43	.58	.72	32.3	9.5	2.61	.44	.59	.74	31.0	9.1	2.92	.44	.60	.75
	1200	565	35.6	10.4	2.06	.44	.60	.76	34.3	10.1	2.33	.45	.61	.78	32.9	9.6	2.61	.45	.62	.79	31.6	9.3	2.93	.46	.63	.81

12ACB30 — CB30U-31 - CB30M-31 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	30.0	8.8	2.03	.71	.84	.96	28.9	8.5	2.28	.72	.85	.97	27.9	8.2	2.57	.73	.87	.99	26.7	7.8	2.90	.74	.89	1.00
	1000	470	31.2	9.1	2.03	.76	.91	1.00	30.1	8.8	2.28	.77	.92	1.00	29.0	8.5	2.57	.78	.94	1.00	27.8	8.1	2.89	.80	.96	1.00
	1200	565	32.2	9.4	2.04	.80	.96	1.00	31.1	9.1	2.29	.82	.97	1.00	30.0	8.8	2.57	.83	.99	1.00	28.9	8.5	2.90	.85	1.00	1.00
67°F (19°C)	800	380	32.1	9.4	2.03	.56	.68	.81	30.9	9.1	2.29	.56	.69	.82	29.8	8.7	2.57	.57	.70	.83	28.6	8.4	2.89	.58	.71	.85
	1000	470	33.2	9.7	2.04	.59	.73	.87	32.0	9.4	2.30	.59	.74	.89	30.8	9.0	2.59	.60	.76	.91	29.5	8.6	2.91	.61	.77	.93
	1200	565	34.0	10.0	2.05	.61	.78	.93	32.7	9.6	2.31	.62	.80	.95	31.5	9.2	2.59	.63	.81	.97	30.1	8.8	2.91	.64	.83	.98
71°F (22°C)	800	380	34.4	10.1	2.05	.42	.54	.65	33.1	9.7	2.31	.42	.54	.66	31.9	9.3	2.60	.43	.55	.67	30.6	9.0	2.91	.43	.56	.69
	1000	470	35.5	10.4	2.06	.43	.57	.71	34.2	10.0	2.32	.44	.58	.72	32.8	9.6	2.60	.44	.59	.73	31.5	9.2	2.92	.44	.60	.75
	1200	565	36.3	10.6	2.06	.44	.60	.76	34.9	10.2	2.33	.45	.61	.77	33.5	9.8	2.61	.45	.62	.79	32.1	9.4	2.93	.45	.63	.81

12ACB30 — CB30U-41/46 - CB30M-41 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	30.0	8.8	2.02	.71	.84	.96	28.9	8.5	2.27	.72	.85	.97	27.9	8.2	2.56	.73	.86	.99	26.7	7.8	2.89	.74	.88	1.00
	1000	470	31.3	9.2	2.02	.76	.90	1.00	30.1	8.8	2.28	.77	.92	1.00	29.0	8.5	2.56	.78	.94	1.00	27.8	8.1	2.88	.80	.96	1.00
	1200	565	32.3	9.5	2.03	.81	.96	1.00	31.1	9.1	2.29	.82	.98	1.00	30.0	8.8	2.57	.83	.99	1.00	28.8	8.4	2.89	.85	1.00	1.00
67°F (19°C)	800	380	32.1	9.4	2.03	.56	.68	.80	30.9	9.1	2.29	.56	.69	.82	29.8	8.7	2.57	.57	.70	.83	28.6	8.4	2.88	.58	.71	.85
	1000	470	33.3	9.8	2.03	.59	.73	.87	32.0	9.4	2.30	.59	.74	.89	30.8	9.0	2.58	.60	.76	.91	29.5	8.6	2.90	.61	.77	.93
	1200	565	34.1	10.0	2.04	.61	.78	.93	32.8	9.6	2.30	.62	.80	.95	31.5	9.2	2.58	.63	.81	.97	30.2	8.9	2.90	.64	.83	.98
71°F (22°C)	800	380	34.4	10.1	2.04	.42	.54	.65	33.1	9.7	2.31	.42	.54	.66	31.9	9.3	2.59	.43	.55	.67	30.6	9.0	2.90	.43	.56	.69
	1000	470	35.6	10.4	2.05	.43	.57	.71	34.2	10.0	2.32	.44	.58	.72	32.8	9.6	2.60	.44	.59	.73	31.5	9.2	2.91	.44	.60	.75
	1200	565	36.4	10.7	2.05	.44	.60	.76	34.9	10.2	2.32	.45	.61	.77	33.5	9.8	2.61	.45	.62	.79	32.1	9.4	2.92	.45	.64	.81

12ACB30 — CB31MV-41 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	30.1	8.8	2.02	.71	.84	.96	29.0	8.5	2.27	.72	.85	.97	27.9	8.2	2.56	.73	.87	.99	26.8	7.9	2.89	.74	.88	1.00
	1000	470	31.4	9.2	2.02	.76	.90	1.00	30.2	8.9	2.28	.77	.92	1.00	29.1	8.5	2.56	.78	.94	1.00	27.9	8.2	2.88	.80	.96	1.00
	1200	565	32.4	9.5	2.03	.80	.96	1.00	31.2	9.1	2.29	.82	.98	1.00	30.1	8.8	2.57	.83	.99	1.00	28.9	8.5	2.89	.86	1.00	1.00
67°F (19°C)	800	380	32.2	9.4	2.03	.56	.68	.80	31.0	9.1	2.29	.56	.69	.82	29.9	8.8	2.57	.57	.70	.83	28.7	8.4	2.88	.57	.71	.85
	1000	470	33.4	9.8	2.03	.58	.73	.87	32.1	9.4	2.30	.59	.74	.89	30.9	9.1	2.58	.60	.76	.90	29.6	8.7	2.90	.61	.77	.93
	1200	565	34.2	10.0	2.04	.61	.78	.93	32.9	9.6	2.30	.63	.80	.95	31.6	9.3	2.58	.63	.81	.97	30.2	8.9	2.90	.65	.83	.99
71°F (22°C)	800	380	34.5	10.1	2.04	.42	.54	.66	33.2	9.7	2.31	.42	.55	.66	32.0	9.4	2.59	.43	.55	.68	30.7	9.0	2.90	.43	.56	.69
	1000	470	35.7	10.5	2.05	.43	.57	.71	34.3	10.1	2.32	.43	.58	.72	32.9	9.6	2.60	.44	.59	.73	31.6	9.3	2.91	.44	.59	.75
	1200	565	36.6	10.7	2.05	.44	.60	.76	35.1	10.3	2.32	.45	.61	.77	33.6	9.8	2.61	.45	.62	.79	32.2	9.4	2.92	.46	.63	.81

RATINGS

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

12ACB30 — CVP10-41/EC10Q2 COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
	cfm	L/s	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	800	380	29.4	8.6	2.03	.71	.84	.95	28.4	8.3	2.28	.71	.85	.97	27.4	8.0	2.57	.73	.86	.98	26.2	7.7	2.90	.74	.88	1.00
	1000	470	30.7	9.0	2.03	.75	.90	1.00	29.6	8.7	2.28	.77	.92	1.00	28.5	8.4	2.57	.78	.93	1.00	27.4	8.0	2.89	.80	.95	1.00
	1200	565	31.7	9.3	2.04	.80	.96	1.00	30.6	9.0	2.29	.82	.97	1.00	29.5	8.6	2.57	.83	.99	1.00	28.4	8.3	2.90	.85	1.00	1.00
67°F (19°C)	800	380	31.5	9.2	2.03	.56	.68	.80	30.4	8.9	2.29	.56	.69	.82	29.3	8.6	2.57	.57	.70	.83	28.1	8.2	2.89	.57	.71	.84
	1000	470	32.7	9.6	2.04	.58	.73	.87	31.5	9.2	2.30	.59	.74	.88	30.3	8.9	2.59	.60	.76	.90	29.0	8.5	2.91	.61	.77	.92
	1200	565	33.6	9.8	2.05	.61	.78	.93	32.3	9.5	2.31	.62	.79	.94	31.0	9.1	2.60	.63	.81	.96	29.7	8.7	2.91	.65	.83	.98
71°F (22°C)	800	380	33.8	9.9	2.05	.42	.54	.65	32.5	9.5	2.31	.42	.54	.66	31.3	9.2	2.60	.42	.55	.67	30.1	8.8	2.91	.43	.56	.68
	1000	470	35.0	10.3	2.06	.43	.57	.70	33.6	9.8	2.32	.43	.58	.72	32.3	9.5	2.61	.44	.59	.73	31.0	9.1	2.92	.44	.59	.75
	1200	565	35.8	10.5	2.06	.44	.60	.75	34.4	10.1	2.33	.44	.61	.77	33.0	9.7	2.61	.45	.62	.79	31.6	9.3	2.93	.46	.63	.80

12ACB36 — C33-36A/B/C - C23-41

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)	480	1015	9.8	33,400	2280	.75	.89	1.00	9.4	32,200	2570	.76	.90	1.00	9.1	31,000	2910	.77	.92	1.00	8.7	29,800	3290	.78	.94	1.00
	550	1165	10.0	34,100	2280	.78	.93	1.00	9.7	33,000	2570	.79	.94	1.00	9.3	31,700	2910	.80	.96	1.00	8.9	30,400	3300	.82	.98	1.00
	620	1315	10.2	34,700	2290	.81	.96	1.00	9.8	33,600	2580	.82	.98	1.00	9.5	32,300	2920	.84	.99	1.00	9.1	31,000	3300	.85	1.00	1.00
67°F (19.4°C)	480	1015	10.4	35,500	2290	.58	.72	.85	10.0	34,200	2590	.59	.73	.87	9.6	32,900	2920	.60	.74	.89	9.3	31,600	3310	.60	.76	.90
	550	1165	10.6	36,100	2300	.60	.75	.90	10.2	34,900	2590	.61	.76	.91	9.8	33,500	2930	.62	.78	.93	9.4	32,100	3320	.63	.80	.95
	620	1315	10.7	36,600	2300	.62	.78	.93	10.3	35,300	2590	.63	.80	.95	9.9	33,900	2930	.64	.81	.97	9.5	32,500	3320	.65	.83	.98
71°F (21.7°C)	480	1015	11.1	37,800	2310	.44	.57	.69	10.7	36,500	2600	.44	.57	.71	10.3	35,100	2940	.44	.58	.72	9.9	33,700	3330	.44	.59	.73
	550	1165	11.3	38,400	2310	.44	.59	.73	10.9	37,100	2610	.45	.59	.74	10.5	35,700	2950	.45	.60	.76	10.0	34,200	3340	.45	.61	.77
	620	1315	11.4	38,900	2320	.45	.60	.76	11.0	37,600	2610	.45	.61	.77	10.6	36,100	2950	.46	.62	.79	10.1	34,600	3340	.46	.64	.81

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

12ACB36 — C26-31

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	450	950	10.0	34,100	2290	.73	.87	.99	9.6	32,800	2590	.74	.89	1.00	9.3	31,600	2920	.76	.90	1.00	8.9	30,200	3310	.77	.92	1.00
	520	1100	10.2	34,900	2300	.77	.91	1.00	9.9	33,700	2590	.78	.93	1.00	9.5	32,400	2930	.79	.95	1.00	9.1	31,000	3320	.81	.97	1.00
	590	1250	10.5	35,700	2300	.80	.95	1.00	10.1	34,400	2600	.81	.97	1.00	9.7	33,100	2940	.83	.99	1.00	9.3	31,700	3320	.85	1.00	1.00
67°F (19.4°C)	450	950	10.6	36,300	2310	.58	.71	.84	10.3	35,000	2600	.58	.72	.85	9.8	33,600	2940	.59	.73	.87	9.4	32,100	3330	.60	.75	.89
	520	1100	10.9	37,100	2310	.59	.74	.88	10.5	35,700	2610	.60	.75	.90	10.1	34,300	2950	.61	.77	.92	9.6	32,800	3340	.62	.78	.94
	590	1250	11.0	37,700	2320	.61	.77	.92	10.6	36,300	2620	.62	.79	.94	10.2	34,800	2960	.63	.80	.96	9.8	33,300	3340	.64	.82	.98
71°F (21.7°C)	450	950	11.3	38,700	2330	.43	.56	.68	11.0	37,400	2620	.44	.56	.69	10.5	35,900	2970	.44	.57	.70	10.1	34,400	3360	.44	.58	.72
	520	1100	11.6	39,500	2330	.44	.58	.72	11.2	38,100	2630	.44	.59	.73	10.7	36,600	2970	.45	.60	.74	10.3	35,000	3360	.45	.61	.76
	590	1250	11.8	40,100	2340	.45	.60	.75	11.3	38,700	2640	.45	.61	.76	10.9	37,100	2980	.45	.62	.78	10.4	35,500	3370	.46	.63	.80

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

12ACB36 — C33-42B - C23-46

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			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)	495	1050	10.1	34,400	2290	.76	.90	1.00	9.7	33,200	2580	.77	.92	1.00	9.3	31,900	2920	.78	.93	1.00	9.0	30,600	3300	.80	.95	1.00
	565	1200	10.3	35,200	2290	.79	.94	1.00	9.9	33,900	2590	.80	.96	1.00	9.6	32,700	2930	.82	.97	1.00	9.2	31,300	3310	.83	.99	1.00
	635	1350	10.5	35,900	2300	.82	.97	1.00	10.1	34,600	2590	.83	.99	1.00	9.8	33,300	2930	.85	1.00	1.00	9.4	32,000	3320	.87	1.00	1.00
67°F (19.4°C)	495	1050	10.7	36,600	2300	.59	.73	.87	10.3	35,300	2600	.60	.74	.88	9.9	33,900	2940	.60	.76	.90	9.5	32,400	3330	.61	.77	.92
	565	1200	10.9	37,200	2310	.61	.76	.91	10.5	35,900	2600	.62	.78	.93	10.1	34,400	2940	.62	.79	.94	9.6	32,900	3330	.63	.81	.96
	635	1350	11.0	37,700	2310	.63	.80	.95	10.7	36,400	2610	.64	.81	.96	10.2	34,900	2950	.65	.83	.98	9.8	33,400	3340	.66	.85	1.00
71°F (21.7°C)	495	1050	11.4	39,000	2320	.44	.57	.70	11.0	37,600	2620	.44	.58	.72	10.6	36,100	2960	.44	.59	.73	10.1	34,600	3350	.45	.60	.75
	565	1200	11.6	39,600	2330	.45	.59	.74	11.2	38,200	2620	.45	.60	.75	10.8	36,700	2970	.45	.61	.77	10.3	35,100	3350	.46	.62	.79
	635	1350	11.8	40,100	2330	.45	.61	.77	11.3	38,700	2630	.46	.62	.79	10.9	37,100	2970	.46	.63	.81	10.4	35,500	3360	.47	.65	.82

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

RATINGS

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

12ACB36 — C33-38A/B - C26-41

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	35,100	2300	.74	.88	1.00	9.9	33,800	2590	.75	.90	1.00	9.5	32,500	2930	.77	.92	1.00	9.1	31,100	3320	.78	.94	1.00
	540	1150	10.5	35,900	2300	.78	.93	1.00	10.1	34,600	2600	.79	.94	1.00	9.7	33,200	2940	.80	.96	1.00	9.3	31,800	3330	.82	.98	1.00
	615	1300	10.7	36,600	2310	.81	.96	1.00	10.3	35,300	2610	.82	.98	1.00	9.9	33,900	2940	.84	1.00	1.00	9.5	32,500	3330	.86	1.00	1.00
67°F (19.4°C)	470	1000	10.9	37,300	2310	.58	.72	.85	10.6	36,000	2610	.59	.73	.86	10.1	34,500	2950	.60	.74	.88	9.7	33,000	3340	.60	.76	.90
	540	1150	11.2	38,100	2320	.60	.75	.89	10.8	36,700	2620	.61	.76	.91	10.3	35,200	2960	.62	.78	.93	9.8	33,600	3350	.63	.80	.95
	615	1300	11.3	38,700	2320	.62	.78	.93	10.9	37,200	2620	.63	.80	.95	10.5	35,700	2960	.64	.82	.97	10.0	34,100	3350	.65	.84	.99
71°F (21.7°C)	470	1000	11.7	39,800	2340	.44	.56	.69	11.3	38,400	2630	.44	.57	.70	10.8	36,900	2970	.44	.58	.72	10.3	35,300	3370	.44	.59	.73
	540	1150	11.9	40,600	2340	.44	.58	.73	11.5	39,100	2640	.45	.59	.74	11.0	37,500	2980	.45	.60	.75	10.5	35,900	3370	.45	.61	.77
	615	1300	12.1	41,200	2350	.45	.61	.76	11.6	39,700	2640	.45	.61	.78	11.1	38,000	2990	.46	.63	.79	10.6	36,300	3380	.46	.64	.81

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

12ACB36 — C26-46

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			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)	495	1050	10.4	35,500	2310	.76	.90	1.00	10.0	34,200	2600	.77	.92	1.00	9.6	32,800	2940	.78	.94	1.00	9.2	31,400	3330	.80	.96	1.00
	565	1200	10.7	36,400	2310	.79	.94	1.00	10.3	35,000	2610	.80	.96	1.00	9.8	33,600	2950	.82	.98	1.00	9.4	32,200	3340	.84	1.00	1.00
	635	1350	10.9	37,100	2320	.82	.98	1.00	10.5	35,800	2610	.84	1.00	1.00	10.1	34,400	2950	.86	1.00	1.00	9.7	33,000	3350	.88	1.00	1.00
67°F (19.4°C)	495	1050	11.1	37,800	2330	.59	.73	.87	10.7	36,400	2620	.60	.74	.88	10.2	34,900	2960	.60	.76	.90	9.8	33,300	3350	.61	.77	.92
	565	1200	11.3	38,500	2330	.61	.77	.91	10.9	37,100	2630	.62	.78	.93	10.4	35,500	2970	.63	.80	.95	10.0	34,000	3360	.64	.81	.97
	635	1350	11.5	39,100	2330	.63	.80	.95	11.0	37,600	2630	.64	.82	.97	10.6	36,100	2970	.65	.83	.99	10.1	34,500	3370	.66	.85	1.00
71°F (21.7°C)	495	1050	11.8	40,400	2350	.44	.57	.70	11.4	38,800	2640	.44	.58	.72	10.9	37,300	2990	.44	.59	.73	10.4	35,600	3380	.45	.60	.75
	565	1200	12.0	41,100	2350	.45	.59	.74	11.6	39,500	2650	.45	.60	.75	11.1	37,900	2990	.45	.61	.77	10.6	36,200	3390	.46	.62	.79
	635	1350	12.2	41,600	2360	.45	.62	.78	11.8	40,100	2650	.46	.63	.79	11.3	38,400	3000	.46	.64	.81	10.7	36,600	3390	.47	.65	.83

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

12ACB36 — C23-51

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)	495	1050	10.5	35,700	2300	.75	.89	1.00	10.1	34,500	2590	.76	.91	1.00	9.7	33,100	2930	.78	.93	1.00	9.3	31,600	3320	.79	.95	1.00
	565	1200	10.7	36,600	2310	.78	.93	1.00	10.3	35,200	2600	.80	.95	1.00	9.9	33,800	2940	.81	.97	1.00	9.5	32,400	3330	.83	.99	1.00
	635	1350	10.9	37,300	2310	.81	.97	1.00	10.5	35,900	2610	.83	.99	1.00	10.1	34,500	2950	.85	1.00	1.00	9.7	33,100	3330	.86	1.00	1.00
67°F (19.4°C)	495	1050	11.2	38,100	2320	.59	.72	.86	10.8	36,700	2610	.59	.74	.88	10.3	35,200	2950	.60	.75	.89	9.8	33,600	3340	.61	.77	.91
	565	1200	11.4	38,800	2320	.60	.76	.90	11.0	37,400	2620	.61	.77	.92	10.5	35,800	2960	.62	.79	.94	10.0	34,200	3350	.63	.80	.96
	635	1350	11.5	39,400	2330	.62	.79	.94	11.1	37,900	2630	.63	.81	.96	10.6	36,300	2960	.64	.82	.98	10.2	34,700	3350	.65	.84	1.00
71°F (21.7°C)	495	1050	11.9	40,600	2340	.44	.57	.70	11.5	39,200	2640	.44	.58	.71	11.0	37,600	2980	.44	.58	.72	10.5	35,900	3370	.45	.59	.74
	565	1200	12.1	41,300	2350	.44	.59	.73	11.7	39,800	2640	.45	.60	.75	11.2	38,200	2980	.45	.61	.76	10.7	36,500	3380	.45	.62	.78
	635	1350	12.3	41,900	2350	.45	.61	.77	11.8	40,400	2650	.45	.62	.78	11.3	38,700	2990	.46	.63	.80	10.8	37,000	3380	.46	.64	.82

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

12ACB36 — CR26-31

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°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	9.6	32,800	2280	.72	.84	.96	9.3	31,700	2570	.73	.86	.97	8.9	30,500	2910	.73	.87	.99	8.6	29,200	3290	.75	.89	1.00
	470	1000	9.9	33,700	2280	.75	.89	1.00	9.6	32,600	2580	.76	.90	1.00	9.2	31,300	2910	.77	.92	1.00	8.8	30,000	3300	.78	.94	1.00
	540	1150	10.1	34,500	2290	.78	.93	1.00	9.8	33,300	2580	.79	.94	1.00	9.4	32,000	2920	.81	.96	1.00	9.0	30,700	3310	.82	.98	1.00
67°F (19.4°C)	400	850	10.3	35,000	2290	.57	.69	.81	9.9	33,800	2590	.57	.70	.82	9.5	32,500	2920	.58	.71	.84	9.1	31,100	3310	.58	.72	.85
	470	1000	10.5	35,800	2300	.58	.72	.85	10.1	34,600	2590	.59	.73	.87	9.7	33,200	2930	.60	.74	.89	9.3	31,800	3320	.61	.76	.90
	540	1150	10.7	36,500	2300	.60	.75	.90	10.3	35,200	2600	.61	.77	.91	9.9	33,800	2940	.62	.78	.93	9.5	32,400	3330	.63	.80	.95
71°F (21.7°C)	400	850	10.9	37,300	2310	.43	.55	.66	10.6	36,000	2600	.43	.55	.67	10.2	34,700	2940	.43	.56	.68	9.7	33,200	3330	.44	.57	.69
	470	1000	11.2	38,200	2320	.44	.57	.69	10.8	36,800	2610	.44	.57	.71	10.4	35,400	2950	.44	.58	.72	9.9	33,900	3340	.44	.59	.73
	540	1150	11.4	38,800	2320	.44	.59	.73	11.0	37,500	2620	.45	.59	.74	10.6	36,000	2960	.45	.60	.76	10.1	34,500	3350	.45	.61	.77

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

RATINGS

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

12ACB36 — 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)	495	1050	10.3	35,200	2300	.76	.90	1.00	9.9	33,900	2590	.77	.92	1.00	9.6	32,600	2930	.78	.93	1.00	9.1	31,200	3320	.80	.95	1.00
	565	1200	10.6	36,000	2300	.79	.94	1.00	10.2	34,700	2600	.80	.96	1.00	9.8	33,300	2940	.82	.97	1.00	9.3	31,900	3320	.83	.99	1.00
	635	1350	10.8	36,700	2310	.82	.98	1.00	10.4	35,400	2600	.83	.99	1.00	10.0	34,000	2940	.85	1.00	1.00	9.6	32,600	3330	.87	1.00	1.00
67°F (19.4°C)	495	1050	11.0	37,400	2310	.59	.73	.87	10.6	36,100	2610	.60	.74	.88	10.1	34,600	2950	.60	.76	.90	9.7	33,100	3340	.61	.77	.92
	565	1200	11.2	38,100	2320	.61	.76	.91	10.8	36,700	2620	.62	.78	.93	10.3	35,200	2950	.62	.79	.94	9.8	33,600	3340	.64	.81	.97
	635	1350	11.3	38,600	2320	.63	.80	.95	10.9	37,200	2620	.64	.81	.96	10.5	35,700	2960	.65	.83	.98	10.0	34,100	3350	.66	.85	1.00
71°F (21.7°C)	495	1050	11.7	39,900	2330	.44	.57	.70	11.3	38,500	2630	.44	.58	.72	10.8	36,900	2970	.44	.59	.73	10.3	35,300	3360	.45	.60	.75
	565	1200	11.9	40,600	2340	.45	.59	.74	11.5	39,100	2640	.45	.60	.75	11.0	37,500	2980	.45	.61	.77	10.5	35,900	3370	.46	.62	.79
	635	1350	12.0	41,100	2340	.45	.61	.77	11.6	39,600	2640	.46	.62	.79	11.1	38,000	2980	.46	.63	.81	10.6	36,300	3370	.47	.65	.83

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

12ACB36 — 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)	495	1050	10.4	35,500	2310	.75	.90	1.00	10.1	34,300	2600	.76	.91	1.00	9.6	32,800	2940	.78	.93	1.00	9.2	31,400	3330	.79	.95	1.00
	565	1200	10.6	36,300	2310	.79	.94	1.00	10.3	35,000	2610	.80	.96	1.00	9.8	33,600	2950	.82	.98	1.00	9.4	32,200	3340	.83	.99	1.00
	635	1350	10.9	37,100	2320	.82	.98	1.00	10.5	35,700	2610	.83	.99	1.00	10.1	34,300	2950	.85	1.00	1.00	9.6	32,900	3340	.87	1.00	1.00
67°F (19.4°C)	495	1050	11.1	37,800	2320	.59	.73	.86	10.7	36,400	2620	.59	.74	.88	10.2	34,900	2960	.60	.75	.90	9.8	33,400	3350	.61	.77	.92
	565	1200	11.3	38,600	2330	.61	.76	.91	10.9	37,100	2630	.61	.78	.93	10.4	35,600	2970	.62	.79	.94	10.0	34,000	3350	.63	.81	.97
	635	1350	11.5	39,100	2330	.63	.79	.95	11.0	37,700	2630	.64	.81	.97	10.6	36,100	2970	.65	.83	.98	10.1	34,400	3360	.66	.85	1.00
71°F (21.7°C)	495	1050	11.8	40,400	2340	.44	.57	.70	11.4	38,900	2640	.44	.58	.71	10.9	37,300	2990	.44	.59	.73	10.5	35,700	3380	.45	.60	.74
	565	1200	12.0	41,100	2350	.44	.59	.74	11.6	39,600	2650	.45	.60	.75	11.1	37,900	2990	.45	.61	.77	10.6	36,200	3380	.46	.62	.79
	635	1350	12.2	41,700	2350	.45	.61	.77	11.8	40,100	2650	.46	.62	.79	11.3	38,400	3000	.46	.63	.80	10.8	36,700	3390	.47	.65	.82

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

12ACB36 — CH33-36A/B/C-F - 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)	495	1050	10.2	34,700	2300	.76	.90	1.00	9.8	33,500	2590	.77	.92	1.00	9.4	32,200	2930	.79	.94	1.00	9.0	30,800	3320	.80	.96	1.00
	565	1200	10.4	35,500	2300	.79	.95	1.00	10.0	34,200	2600	.81	.96	1.00	9.6	32,900	2940	.82	.98	1.00	9.2	31,500	3320	.84	1.00	1.00
	635	1350	10.6	36,200	2310	.83	.98	1.00	10.2	34,900	2600	.84	1.00	1.00	9.8	33,600	2940	.86	1.00	1.00	9.5	32,300	3340	.88	1.00	1.00
67°F (19.4°C)	495	1050	10.8	36,800	2310	.59	.73	.87	10.4	35,500	2610	.60	.75	.89	10.0	34,100	2950	.61	.76	.91	9.6	32,600	3340	.62	.78	.93
	565	1200	11.0	37,500	2320	.61	.77	.92	10.6	36,100	2620	.62	.78	.93	10.2	34,700	2960	.63	.80	.95	9.7	33,100	3340	.64	.82	.97
	635	1350	11.2	38,100	2320	.63	.80	.96	10.7	36,600	2620	.64	.82	.97	10.3	35,200	2960	.65	.84	.99	9.8	33,600	3350	.66	.86	1.00
71°F (21.7°C)	495	1050	11.5	39,300	2330	.44	.57	.71	11.1	37,900	2630	.44	.58	.72	10.6	36,300	2970	.44	.59	.74	10.2	34,800	3360	.45	.60	.75
	565	1200	11.7	39,900	2340	.45	.60	.75	11.3	38,500	2640	.45	.61	.76	10.8	36,900	2980	.45	.62	.78	10.3	35,300	3370	.46	.63	.79
	635	1350	11.9	40,500	2340	.45	.62	.78	11.4	39,000	2640	.46	.63	.80	11.0	37,400	2980	.46	.64	.81	10.5	35,700	3370	.47	.65	.83

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

12ACB36 — CH33-48C-F - 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)	495	1050	10.4	35,400	2300	.76	.90	1.00	10.0	34,100	2600	.77	.92	1.00	9.6	32,800	2940	.78	.94	1.00	9.2	31,300	3320	.80	.96	1.00
	565	1200	10.6	36,200	2310	.79	.95	1.00	10.2	34,900	2600	.81	.96	1.00	9.8	33,500	2940	.82	.98	1.00	9.4	32,100	3330	.84	1.00	1.00
	635	1350	10.8	37,000	2310	.82	.98	1.00	10.4	35,600	2610	.84	1.00	1.00	10.1	34,300	2950	.86	1.00	1.00	9.6	32,900	3340	.88	1.00	1.00
67°F (19.4°C)	495	1050	11.0	37,600	2320	.59	.73	.87	10.6	36,200	2620	.60	.74	.89	10.2	34,700	2960	.61	.76	.90	9.7	33,200	3350	.61	.78	.92
	565	1200	11.2	38,300	2320	.61	.77	.91	10.8	36,900	2620	.62	.78	.93	10.4	35,400	2960	.63	.80	.95	9.9	33,800	3350	.64	.82	.97
	635	1350	11.4	38,900	2330	.63	.80	.95	11.0	37,400	2630	.64	.82	.97	10.5	35,900	2970	.65	.84	.99	10.1	34,300	3360	.66	.86	1.00
71°F (21.7°C)	495	1050	11.8	40,100	2340	.44	.57	.71	11.3	38,700	2640	.44	.58	.72	10.9	37,100	2980	.44	.59	.73	10.4	35,500	3370	.45	.60	.75
	565	1200	12.0	40,800	2350	.45	.59	.74	11.5	39,300	2640	.45	.60	.76	11.0	37,700	2990	.45	.61	.77	10.6	36,000	3380	.46	.63	.79
	635	1350	12.1	41,400	2350	.45	.62	.78	11.7	39,800	2650	.46	.63	.79	11.2	38,200	2990	.46	.64	.81	10.7	36,400	3380	.47	.65	.83

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

RATINGS

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

12ACB36 — CB29M-31

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts 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	2350	.72	.85	.96	9.5	32,400	2650	.73	.86	.97	9.1	31,200	3000	.74	.88	.99	8.8	30,000	3400	.75	.89	.99
	495	1050	10.0	34,100	2340	.74	.88	.98	9.6	32,900	2650	.75	.89	.99	9.3	31,700	3000	.76	.91	1.00	8.9	30,500	3390	.77	.92	1.00
	540	1150	10.1	34,600	2340	.76	.90	1.00	9.8	33,400	2650	.77	.92	1.00	9.4	32,200	2990	.78	.93	1.00	9.1	31,000	3390	.80	.95	1.00
67°F (19.4°C)	450	950	10.5	35,700	2340	.56	.69	.82	10.1	34,500	2640	.57	.70	.83	9.7	33,200	2990	.57	.71	.85	9.3	31,900	3390	.58	.72	.86
	495	1050	10.6	36,100	2340	.57	.71	.85	10.3	35,000	2640	.58	.72	.86	9.9	33,700	2990	.59	.73	.87	9.5	32,400	3380	.60	.75	.89
	540	1150	10.7	36,600	2340	.59	.73	.87	10.3	35,300	2640	.59	.74	.89	10.0	34,100	2990	.60	.76	.90	9.6	32,700	3380	.61	.77	.92
71°F (21.7°C)	450	950	11.1	37,900	2350	.42	.55	.67	10.8	36,700	2650	.43	.55	.68	10.4	35,400	3000	.43	.56	.69	10.0	34,000	3400	.43	.57	.70
	495	1050	11.3	38,400	2360	.43	.56	.69	10.9	37,200	2660	.43	.56	.70	10.5	35,800	3000	.43	.57	.71	10.1	34,500	3400	.44	.58	.73
	540	1150	11.4	38,800	2360	.43	.57	.71	11.0	37,600	2660	.43	.58	.72	10.6	36,200	3010	.44	.59	.73	10.2	34,800	3400	.44	.60	.75

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

12ACB36 — CB29M-41

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts 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	10.0	34,100	2330	.72	.86	.97	9.6	32,900	2640	.73	.87	.98	9.3	31,700	2980	.75	.89	.99	8.9	30,500	3380	.76	.91	1.00
	565	1200	10.3	35,100	2340	.76	.91	1.00	9.9	33,900	2640	.78	.93	1.00	9.6	32,700	2980	.79	.94	1.00	9.2	31,400	3380	.81	.96	1.00
	660	1400	10.6	36,000	2340	.80	.95	1.00	10.2	34,800	2640	.82	.97	1.00	9.8	33,600	2990	.83	.98	1.00	9.5	32,300	3390	.85	.99	1.00
67°F (19.4°C)	470	1000	10.6	36,200	2340	.57	.70	.83	10.3	35,000	2650	.57	.71	.84	9.9	33,700	2990	.58	.72	.86	9.5	32,400	3390	.59	.73	.87
	565	1200	10.9	37,100	2350	.59	.74	.88	10.5	35,900	2650	.60	.75	.90	10.1	34,500	3000	.61	.77	.91	9.7	33,100	3390	.61	.78	.93
	660	1400	11.1	37,800	2360	.61	.78	.93	10.7	36,500	2660	.62	.80	.94	10.3	35,100	3000	.63	.81	.96	9.9	33,700	3400	.64	.83	.97
71°F (21.7°C)	470	1000	11.3	38,600	2360	.43	.55	.67	10.9	37,300	2670	.43	.56	.68	10.5	35,900	3010	.43	.56	.70	10.1	34,500	3410	.43	.57	.71
	565	1200	11.6	39,500	2370	.43	.58	.72	11.2	38,200	2670	.44	.58	.73	10.8	36,700	3020	.44	.59	.74	10.3	35,200	3420	.44	.60	.76
	660	1400	11.8	40,100	2380	.44	.60	.76	11.4	38,800	2680	.45	.61	.77	10.9	37,300	3030	.45	.62	.79	10.5	35,800	3430	.45	.63	.81

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

12ACB36 — CB29M-46

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts 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	35,000	2360	.72	.86	.97	9.9	33,800	2660	.73	.87	.98	9.5	32,500	3000	.74	.89	1.00	9.1	31,200	3400	.76	.90	1.00
	565	1200	10.6	36,100	2370	.76	.91	1.00	10.2	34,800	2670	.77	.93	1.00	9.8	33,500	3020	.79	.94	1.00	9.4	32,200	3410	.80	.96	1.00
	660	1400	10.8	37,000	2370	.80	.96	1.00	10.5	35,700	2680	.82	.97	1.00	10.1	34,400	3020	.83	.98	1.00	9.7	33,100	3420	.85	1.00	1.00
67°F (19.4°C)	470	1000	10.9	37,300	2380	.57	.70	.82	10.6	36,000	2680	.57	.71	.84	10.1	34,600	3030	.58	.72	.85	9.7	33,100	3430	.59	.73	.87
	565	1200	11.2	38,200	2390	.59	.74	.88	10.8	36,900	2690	.60	.75	.89	10.4	35,400	3040	.60	.76	.91	9.9	33,900	3440	.61	.78	.93
	660	1400	11.4	39,000	2390	.61	.78	.93	11.0	37,600	2700	.62	.79	.94	10.6	36,100	3050	.63	.81	.96	10.1	34,600	3440	.64	.83	.98
71°F (21.7°C)	470	1000	11.7	39,800	2400	.43	.55	.67	11.3	38,400	2700	.43	.55	.68	10.8	36,900	3050	.43	.56	.69	10.4	35,400	3450	.43	.57	.71
	565	1200	11.9	40,700	2410	.43	.57	.71	11.5	39,300	2710	.44	.58	.73	11.1	37,800	3060	.44	.59	.74	10.6	36,200	3470	.44	.60	.76
	660	1400	12.2	41,500	2420	.44	.60	.76	11.7	40,000	2720	.45	.61	.77	11.3	38,400	3070	.45	.62	.79	10.8	36,800	3470	.45	.63	.81

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

12ACB36 — CB30U-31 - CB30M-31

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	495	1050	10.4	35,400	2440	.73	.87	.98	10.0	34,200	2750	.74	.88	.99	9.6	32,900	3110	.75	.90	1.00	9.2	31,500	3520	.77	.92	1.00
	540	1150	10.5	35,900	2440	.75	.90	1.00	10.2	34,700	2760	.76	.91	1.00	9.8	33,400	3110	.78	.93	1.00	9.4	32,000	3520	.79	.95	1.00
	590	1250	10.7	36,400	2450	.77	.92	1.00	10.3	35,200	2760	.78	.94	1.00	9.9	33,900	3120	.80	.95	1.00	9.5	32,500	3530	.82	.97	1.00
67°F (19.4°C)	495	1050	11.0	37,600	2460	.57	.71	.84	10.6	36,300	2770	.58	.72	.85	10.2	34,900	3130	.58	.73	.87	9.8	33,500	3540	.59	.74	.89
	540	1150	11.2	38,100	2460	.58	.73	.86	10.8	36,800	2780	.59	.74	.88	10.4	35,400	3140	.60	.75	.90	9.9	33,900	3550	.61	.77	.92
	590	1250	11.3	38,600	2460	.59	.75	.89	10.9	37,200	2780	.60	.76	.91	10.5	35,700	3140	.61	.78	.93	10.0	34,200	3550	.62	.79	.94
71°F (21.7°C)	495	1050	11.8	40,200	2480	.43	.55	.68	11.4	38,800	2800	.43	.56	.69	10.9	37,300	3160	.43	.57	.70	10.5	35,700	3570	.43	.58	.72
	540	1150	11.9	40,700	2490	.43	.57	.70	11.5	39,200	2800	.43	.57	.71	11.0	37,700	3160	.44	.58	.73	10.6	36,100	3580	.44	.59	.75
	590	1250	12.0	41,100	2490	.44	.58	.72	11.6	39,600	2800	.44	.59	.74	11.2	38,100	3170	.44	.60	.75	10.7	36,500	3580	.45	.61	.77

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

RATINGS

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

12ACB36 — CB30U-41/46 - CB30M-41

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			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	10.4	35,400	2340	.72	.86	.97	10.0	34,200	2640	.73	.87	.99	9.6	32,900	2980	.74	.89	1.00	9.2	31,500	3370	.76	.90	1.00
	565	1200	10.7	36,500	2350	.76	.91	1.00	10.3	35,300	2650	.77	.93	1.00	9.9	33,900	2990	.79	.94	1.00	9.5	32,500	3390	.80	.96	1.00
	660	1400	11.0	37,500	2360	.80	.96	1.00	10.6	36,200	2660	.82	.97	1.00	10.2	34,800	3000	.83	.99	1.00	9.8	33,500	3400	.85	1.00	1.00
67°F (19.4°C)	470	1000	11.0	37,700	2360	.56	.69	.82	10.7	36,400	2660	.57	.70	.84	10.3	35,000	3000	.58	.72	.85	9.8	33,500	3400	.58	.73	.87
	565	1200	11.4	38,800	2370	.59	.74	.88	11.0	37,400	2670	.60	.75	.89	10.5	35,900	3010	.60	.76	.91	10.1	34,400	3410	.61	.78	.93
	660	1400	11.6	39,500	2370	.61	.78	.93	11.2	38,100	2680	.62	.79	.95	10.7	36,600	3020	.63	.81	.96	10.3	35,000	3420	.64	.83	.98
71°F (21.7°C)	470	1000	11.8	40,300	2380	.42	.55	.67	11.4	38,900	2680	.43	.55	.68	11.0	37,400	3030	.43	.56	.69	10.5	35,900	3430	.43	.57	.71
	565	1200	12.1	41,300	2390	.43	.57	.71	11.7	39,900	2690	.44	.58	.73	11.2	38,300	3040	.44	.59	.74	10.8	36,700	3440	.44	.60	.76
	660	1400	12.3	42,100	2400	.44	.60	.76	11.9	40,600	2700	.45	.61	.77	11.4	38,900	3050	.45	.62	.79	10.9	37,300	3450	.45	.63	.81

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

12ACB36 — CB30M-46

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			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	10.4	35,500	2340	.72	.86	.97	10.0	34,200	2640	.73	.87	.99	9.6	32,900	2990	.74	.89	1.00	9.2	31,500	3380	.76	.90	1.00
	565	1200	10.7	36,600	2350	.76	.91	1.00	10.3	35,300	2650	.77	.93	1.00	9.9	33,900	3000	.79	.94	1.00	9.6	32,600	3390	.80	.96	1.00
	660	1400	11.0	37,500	2360	.80	.96	1.00	10.6	36,200	2660	.82	.97	1.00	10.2	34,900	3010	.83	.99	1.00	9.8	33,500	3410	.85	1.00	1.00
67°F (19.4°C)	470	1000	11.1	37,800	2360	.56	.69	.82	10.7	36,500	2660	.57	.70	.84	10.3	35,000	3010	.58	.72	.85	9.8	33,600	3410	.58	.73	.87
	565	1200	11.4	38,800	2370	.59	.74	.88	11.0	37,400	2670	.60	.75	.89	10.5	35,900	3020	.60	.76	.91	10.1	34,400	3420	.61	.78	.93
	660	1400	11.6	39,600	2380	.61	.78	.93	11.2	38,100	2680	.62	.79	.95	10.7	36,600	3030	.63	.81	.96	10.3	35,100	3420	.64	.83	.98
71°F (21.7°C)	470	1000	11.8	40,300	2390	.42	.55	.67	11.4	38,900	2690	.43	.55	.68	11.0	37,400	3040	.43	.56	.69	10.5	35,900	3440	.43	.57	.71
	565	1200	12.1	41,400	2400	.43	.57	.71	11.7	39,900	2700	.44	.58	.73	11.2	38,300	3050	.44	.59	.74	10.8	36,700	3450	.44	.60	.76
	660	1400	12.3	42,100	2400	.44	.60	.76	11.9	40,600	2710	.45	.61	.77	11.4	39,000	3060	.45	.62	.79	10.9	37,300	3450	.45	.63	.81

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

12ACB36 — CB31MV-41

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			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)	535	1135	10.5	35,900	2340	.75	.90	1.00	10.1	34,600	2640	.76	.91	1.00	9.8	33,300	2990	.78	.93	1.00	9.3	31,900	3380	.79	.95	1.00
	600	1275	10.7	36,500	2350	.78	.93	1.00	10.3	35,200	2650	.79	.94	1.00	9.9	33,900	2990	.80	.96	1.00	9.5	32,500	3390	.82	.98	1.00
	660	1400	10.9	37,100	2350	.80	.96	1.00	10.5	35,800	2650	.82	.97	1.00	10.1	34,500	3000	.83	.99	1.00	9.7	33,100	3400	.85	1.00	1.00
67°F (19.4°C)	535	1135	11.2	38,100	2360	.58	.73	.86	10.8	36,700	2660	.59	.74	.88	10.3	35,300	3010	.60	.75	.90	9.9	33,800	3410	.61	.77	.92
	600	1275	11.3	38,700	2370	.60	.75	.90	10.9	37,200	2670	.61	.77	.91	10.5	35,800	3020	.61	.78	.93	10.0	34,200	3410	.63	.80	.95
	660	1400	11.5	39,100	2370	.61	.78	.93	11.0	37,600	2670	.62	.79	.95	10.6	36,200	3020	.63	.81	.96	10.1	34,600	3410	.64	.83	.98
71°F (21.7°C)	535	1135	11.9	40,600	2390	.43	.57	.70	11.5	39,200	2690	.43	.57	.71	11.0	37,700	3040	.44	.58	.73	10.6	36,100	3430	.44	.59	.74
	600	1275	12.1	41,200	2390	.44	.58	.73	11.6	39,700	2690	.44	.59	.74	11.2	38,100	3040	.44	.60	.76	10.7	36,500	3440	.45	.61	.78
	660	1400	12.2	41,600	2390	.44	.60	.76	11.8	40,100	2700	.45	.61	.77	11.3	38,500	3050	.45	.62	.79	10.8	36,800	3440	.45	.63	.81

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

12ACB36 — CB30U-51 - CB30M-51

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts 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	10.6	36,100	2350	.72	.85	.97	10.2	34,800	2660	.73	.87	.99	9.8	33,400	3000	.74	.88	1.00	9.4	32,000	3400	.75	.90	1.00
	565	1200	10.9	37,300	2370	.76	.91	1.00	10.5	35,900	2670	.77	.93	1.00	10.1	34,500	3010	.79	.94	1.00	9.7	33,000	3410	.80	.96	1.00
	660	1400	11.2	38,300	2370	.80	.96	1.00	10.8	36,900	2680	.82	.98	1.00	10.4	35,500	3020	.83	.99	1.00	10.0	34,100	3420	.85	1.00	1.00
67°F (19.4°C)	470	1000	11.3	38,500	2380	.56	.69	.82	10.9	37,100	2680	.57	.70	.83	10.5	35,700	3030	.58	.71	.85	10.0	34,100	3420	.58	.73	.87
	565	1200	11.6	39,600	2390	.59	.73	.88	11.2	38,200	2690	.59	.75	.89	10.7	36,600	3040	.60	.76	.91	10.3	35,000	3440	.61	.78	.93
	660	1400	11.9	40,500	2390	.61	.78	.93	11.4	39,000	2700	.62	.79	.95	10.9	37,300	3050	.63	.81	.97	10.5	35,700	3440	.64	.83	.99
71°F (21.7°C)	470	1000	12.1	41,200	2400	.42	.54	.66	11.6	39,700	2710	.43	.55	.68	11.2	38,100	3060	.43	.56	.69	10.7	36,500	3460	.43	.57	.70
	565	1200	12.4	42,300	2410	.43	.57	.71	12.0	40,800	2720	.44	.58	.72	11.5	39,100	3070	.44	.59	.74	11.0	37,400	3470	.44	.60	.76
	660	1400	12.6	43,100	2420	.44	.60	.75	12.2	41,500	2720	.45	.61	.77	11.7	39,800	3080	.45	.62	.79	11.1	38,000	3480	.45	.63	.81

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

RATINGS

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

12ACB36 — CB31MV-51

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°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)	570	1205	10.8	37,000	2360	.76	.91	1.00	10.5	35,700	2660	.77	.93	1.00	10.1	34,300	3010	.79	.95	1.00	9.6	32,800	3400	.80	.97	1.00
	650	1375	11.1	37,900	2370	.80	.95	1.00	10.7	36,500	2670	.81	.97	1.00	10.3	35,100	3020	.83	.99	1.00	9.9	33,700	3420	.85	1.00	1.00
67°F (19.4°C)	570	1205	11.5	39,400	2380	.59	.74	.88	11.1	37,900	2680	.59	.75	.89	10.7	36,400	3030	.60	.76	.91	10.2	34,800	3430	.61	.78	.94
	650	1375	11.8	40,100	2390	.61	.77	.92	11.3	38,600	2690	.62	.79	.94	10.8	37,000	3040	.63	.80	.96	10.3	35,300	3440	.64	.82	.98
71°F (21.7°C)	570	1205	12.3	42,000	2410	.43	.57	.71	11.9	40,500	2710	.44	.58	.72	11.4	38,900	3060	.44	.59	.74	10.9	37,100	3460	.44	.60	.76
	650	1375	12.5	42,700	2420	.44	.60	.75	12.0	41,100	2720	.44	.60	.76	11.6	39,500	3070	.45	.62	.78	11.0	37,700	3470	.45	.63	.80

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

12ACB36 — CVP10-46/EC10Q4

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			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)	495	1050	10.1	34,300	2300	.75	.89	1.00	9.7	33,100	2590	.76	.91	1.00	9.3	31,800	2930	.78	.93	1.00	8.9	30,400	3320	.79	.95	1.00
	565	1200	10.3	35,100	2310	.78	.94	1.00	9.9	33,900	2600	.80	.95	1.00	9.5	32,500	2940	.81	.97	1.00	9.1	31,100	3330	.83	.99	1.00
	635	1350	10.5	35,800	2310	.82	.97	1.00	10.1	34,600	2610	.83	.99	1.00	9.7	33,200	2950	.85	1.00	1.00	9.3	31,900	3330	.87	1.00	1.00
67°F (19.4°C)	495	1050	10.7	36,500	2320	.59	.73	.86	10.3	35,200	2610	.59	.74	.88	9.9	33,800	2950	.60	.75	.90	9.5	32,300	3340	.61	.77	.92
	565	1200	10.9	37,300	2320	.61	.76	.90	10.5	35,900	2620	.61	.77	.92	10.1	34,400	2960	.62	.79	.94	9.6	32,900	3350	.63	.81	.96
	635	1350	11.1	37,800	2330	.62	.79	.94	10.7	36,400	2620	.63	.81	.96	10.2	34,900	2960	.64	.83	.98	9.8	33,300	3350	.66	.85	1.00
71°F (21.7°C)	495	1050	11.4	39,000	2340	.44	.57	.70	11.0	37,600	2630	.44	.58	.71	10.6	36,100	2980	.44	.58	.73	10.1	34,500	3370	.45	.59	.74
	565	1200	11.6	39,700	2340	.44	.59	.73	11.2	38,200	2640	.45	.60	.75	10.8	36,700	2980	.45	.61	.76	10.3	35,100	3380	.45	.62	.78
	635	1350	11.8	40,300	2350	.45	.61	.77	11.4	38,800	2650	.46	.62	.78	10.9	37,200	2990	.46	.63	.80	10.4	35,500	3380	.46	.64	.82

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

12ACB36 — CVP10-41/EC10Q3

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			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)	495	1050	10.1	34,600	2300	.75	.90	1.00	9.8	33,300	2600	.77	.91	1.00	9.4	32,000	2940	.78	.93	1.00	9.0	30,600	3320	.80	.95	1.00
	565	1200	10.4	35,400	2310	.79	.94	1.00	10.0	34,100	2600	.80	.96	1.00	9.6	32,700	2940	.82	.98	1.00	9.2	31,400	3330	.84	1.00	1.00
	635	1350	10.6	36,100	2310	.82	.98	1.00	10.2	34,800	2610	.84	.99	1.00	9.8	33,500	2950	.85	1.00	1.00	9.4	32,100	3340	.87	1.00	1.00
67°F (19.4°C)	495	1050	10.8	36,700	2320	.59	.73	.86	10.4	35,400	2620	.60	.74	.88	10.0	34,000	2950	.60	.76	.90	9.5	32,500	3340	.61	.77	.92
	565	1200	11.0	37,500	2320	.61	.76	.91	10.6	36,100	2620	.62	.78	.93	10.1	34,600	2960	.63	.79	.95	9.7	33,000	3350	.64	.81	.97
	635	1350	11.1	38,000	2330	.63	.80	.95	10.7	36,600	2620	.64	.81	.97	10.3	35,100	2970	.65	.83	.99	9.8	33,500	3360	.66	.85	1.00
71°F (21.7°C)	495	1050	11.5	39,200	2340	.44	.57	.70	11.1	37,800	2640	.44	.58	.72	10.6	36,300	2980	.44	.59	.73	10.2	34,700	3370	.45	.60	.75
	565	1200	11.7	39,900	2350	.45	.59	.74	11.3	38,500	2640	.45	.60	.75	10.8	36,900	2990	.45	.61	.77	10.3	35,200	3380	.46	.62	.79
	635	1350	11.9	40,500	2350	.45	.61	.77	11.4	39,000	2650	.46	.62	.79	10.9	37,300	2990	.46	.64	.81	10.5	35,700	3380	.47	.65	.83

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

12ACB42 — C23-41

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	11.2	38,100	2710	.74	.89	.99	10.8	36,800	3060	.75	.90	1.00	10.4	35,400	3450	.77	.92	1.00	10.0	34,000	3890	.78	.93	1.00
	660	1400	11.4	38,800	2720	.77	.92	1.00	11.0	37,400	3070	.78	.93	1.00	10.6	36,000	3460	.80	.95	1.00	10.1	34,600	3900	.81	.96	1.00
	730	1550	11.5	39,300	2720	.79	.94	1.00	11.1	38,000	3070	.81	.96	1.00	10.7	36,600	3460	.82	.97	1.00	10.3	35,100	3900	.84	.99	1.00
67°F (19.4°C)	590	1250	11.8	40,400	2730	.58	.72	.85	11.4	39,000	3080	.59	.73	.87	11.0	37,500	3470	.59	.74	.89	10.5	35,900	3910	.60	.76	.90
	660	1400	12.0	40,900	2740	.59	.74	.89	11.6	39,500	3080	.60	.76	.90	11.1	37,900	3480	.61	.77	.92	10.6	36,300	3920	.62	.79	.94
	730	1550	12.1	41,400	2740	.61	.77	.92	11.7	39,900	3090	.62	.78	.93	11.2	38,300	3480	.63	.80	.95	10.8	36,700	3920	.64	.82	.97
71°F (21.7°C)	590	1250	12.6	42,900	2750	.43	.56	.69	12.1	41,400	3100	.43	.57	.71	11.7	39,800	3500	.44	.58	.72	11.2	38,200	3940	.44	.59	.74
	660	1400	12.7	43,400	2760	.44	.58	.72	12.3	41,900	3100	.44	.59	.74	11.8	40,300	3500	.44	.60	.75	11.3	38,600	3940	.45	.61	.77
	730	1550	12.9	43,900	2760	.44	.60	.75	12.4	42,400	3110	.44	.60	.76	11.9	40,700	3500	.45	.61	.78	11.4	39,000	3950	.45	.63	.80

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

RATINGS

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

12ACB42 — C33-44C - C23-46

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			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	2730	.75	.89	.99	11.4	38,900	3080	.76	.90	1.00	11.0	37,400	3470	.77	.92	1.00	10.5	35,800	3910	.79	.94	1.00
	660	1400	12.0	41,000	2730	.77	.92	1.00	11.6	39,600	3080	.79	.94	1.00	11.2	38,100	3480	.80	.95	1.00	10.7	36,500	3920	.82	.97	1.00
	730	1550	12.2	41,700	2740	.80	.95	1.00	11.8	40,200	3090	.81	.96	1.00	11.3	38,700	3480	.83	.98	1.00	10.9	37,100	3920	.85	.99	1.00
67°F (19.4°C)	590	1250	12.5	42,700	2750	.58	.72	.86	12.1	41,200	3100	.59	.73	.87	11.6	39,600	3490	.59	.75	.89	11.1	37,900	3930	.60	.76	.91
	660	1400	12.7	43,300	2750	.60	.75	.89	12.3	41,800	3100	.60	.76	.91	11.8	40,100	3500	.61	.78	.93	11.2	38,300	3940	.62	.80	.94
	730	1550	12.8	43,800	2760	.61	.78	.92	12.4	42,200	3110	.62	.79	.94	11.9	40,500	3500	.63	.81	.96	11.3	38,700	3940	.64	.83	.97
71°F (21.7°C)	590	1250	13.3	45,400	2770	.43	.56	.70	12.8	43,800	3120	.43	.57	.71	12.3	42,100	3520	.44	.58	.72	11.8	40,300	3960	.44	.59	.74
	660	1400	13.5	46,000	2770	.44	.58	.73	13.0	44,400	3120	.44	.59	.74	12.5	42,600	3520	.44	.60	.76	12.0	40,800	3960	.45	.61	.77
	730	1550	13.6	46,500	2780	.44	.60	.75	13.2	44,900	3130	.45	.61	.77	12.6	43,000	3520	.45	.62	.79	12.1	41,200	3970	.45	.63	.81

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

12ACB42 — C26-41

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	11.6	39,500	2730	.70	.83	.94	11.2	38,100	3080	.71	.84	.96	10.7	36,600	3470	.72	.86	.97	10.3	35,000	3910	.73	.87	.99
	540	1150	11.9	40,500	2740	.73	.86	.98	11.4	39,000	3090	.74	.88	.99	11.0	37,500	3480	.75	.89	1.00	10.5	35,800	3920	.77	.91	1.00
	615	1300	12.1	41,300	2750	.75	.90	1.00	11.7	39,800	3100	.77	.91	1.00	11.2	38,200	3490	.78	.93	1.00	10.7	36,600	3930	.80	.95	1.00
67°F (19.4°C)	470	1000	12.3	42,100	2750	.56	.67	.79	11.9	40,600	3100	.56	.68	.81	11.4	39,000	3500	.57	.69	.82	10.9	37,300	3940	.57	.71	.84
	540	1150	12.6	43,000	2760	.57	.70	.83	12.2	41,500	3110	.58	.71	.85	11.7	39,800	3510	.58	.73	.86	11.1	38,000	3950	.59	.74	.88
	615	1300	12.8	43,800	2770	.58	.73	.87	12.3	42,100	3120	.59	.74	.88	11.8	40,400	3510	.60	.76	.90	11.3	38,600	3950	.61	.77	.92
71°F (21.7°C)	470	1000	13.2	44,900	2780	.42	.54	.65	12.7	43,300	3130	.43	.54	.66	12.2	41,600	3520	.43	.55	.67	11.7	39,800	3970	.43	.55	.68
	540	1150	13.4	45,800	2780	.43	.55	.68	13.0	44,200	3130	.43	.56	.69	12.4	42,400	3530	.43	.57	.70	11.9	40,600	3980	.43	.58	.72
	615	1300	13.7	46,600	2790	.43	.57	.70	13.2	44,900	3140	.43	.58	.72	12.6	43,000	3540	.44	.59	.73	12.1	41,200	3980	.44	.60	.75

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

12ACB42 — C26-46

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			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)	540	1150	12.1	41,400	2750	.73	.86	.98	11.7	39,900	3100	.74	.88	.99	11.2	38,300	3490	.75	.90	1.00	10.7	36,600	3930	.77	.92	1.00
	615	1300	12.4	42,300	2760	.76	.90	1.00	11.9	40,700	3110	.77	.92	1.00	11.5	39,100	3500	.78	.94	1.00	11.0	37,400	3940	.80	.96	1.00
	685	1450	12.6	43,100	2760	.78	.94	1.00	12.2	41,500	3110	.80	.95	1.00	11.7	39,800	3510	.82	.97	1.00	11.2	38,100	3950	.83	.99	1.00
67°F (19.4°C)	540	1150	12.9	44,000	2770	.57	.70	.83	12.4	42,300	3120	.58	.71	.85	11.9	40,600	3520	.58	.73	.87	11.4	38,800	3960	.59	.74	.89
	615	1300	13.1	44,800	2780	.59	.73	.87	12.6	43,100	3130	.59	.75	.89	12.1	41,300	3530	.60	.76	.91	11.5	39,400	3970	.61	.78	.93
	685	1450	13.3	45,400	2780	.60	.76	.91	12.8	43,700	3130	.61	.78	.93	12.3	41,900	3530	.62	.79	.94	11.7	40,000	3970	.63	.81	.96
71°F (21.7°C)	540	1150	13.7	46,900	2800	.43	.55	.68	13.2	45,200	3150	.43	.56	.69	12.7	43,300	3540	.43	.57	.70	12.1	41,400	3990	.44	.58	.72
	615	1300	14.0	47,700	2800	.43	.57	.71	13.5	45,900	3150	.44	.58	.72	12.9	44,000	3550	.44	.59	.74	12.3	42,000	4000	.44	.60	.75
	685	1450	14.2	48,300	2810	.44	.59	.74	13.6	46,500	3160	.44	.60	.75	13.0	44,500	3560	.45	.61	.77	12.5	42,500	4000	.45	.62	.79

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

12ACB42 — C33-48B/C - C23-51

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	2740	.74	.88	.99	11.6	39,700	3090	.75	.90	1.00	11.2	38,100	3480	.76	.91	1.00	10.7	36,500	3920	.78	.93	1.00
	660	1400	12.3	41,900	2740	.76	.91	1.00	11.8	40,400	3090	.78	.93	1.00	11.4	38,800	3490	.79	.95	1.00	10.9	37,200	3930	.81	.97	1.00
	730	1550	12.5	42,600	2750	.79	.94	1.00	12.0	41,100	3100	.81	.96	1.00	11.6	39,500	3490	.82	.97	1.00	11.1	37,800	3930	.84	.99	1.00
67°F (19.4°C)	590	1250	12.8	43,800	2760	.58	.71	.85	12.4	42,200	3110	.58	.73	.86	11.8	40,400	3500	.59	.74	.88	11.3	38,700	3950	.60	.76	.90
	660	1400	13.0	44,400	2760	.59	.74	.88	12.5	42,700	3110	.60	.75	.90	12.0	41,000	3510	.61	.77	.92	11.5	39,200	3950	.62	.79	.94
	730	1550	13.2	45,000	2770	.61	.77	.92	12.7	43,300	3120	.61	.78	.93	12.2	41,500	3520	.63	.80	.95	11.6	39,600	3960	.64	.82	.97
71°F (21.7°C)	590	1250	13.7	46,600	2780	.43	.56	.69	13.2	44,900	3130	.43	.57	.70	12.6	43,100	3530	.43	.58	.72	12.1	41,200	3970	.44	.59	.73
	660	1400	13.8	47,200	2790	.43	.58	.72	13.3	45,500	3140	.44	.58	.73	12.8	43,700	3540	.44	.59	.75	12.2	41,700	3980	.45	.61	.76
	730	1550	14.0	47,800	2790	.44	.59	.75	13.5	46,000	3140	.44	.60	.76	12.9	44,100	3540	.45	.61	.78	12.4	42,200	3990	.45	.63	.80

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

RATINGS

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

12ACB42 — C26-51

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	12.4	42,200	2760	.74	.89	1.00	11.9	40,600	3110	.76	.90	1.00	11.4	38,900	3510	.77	.92	1.00	10.9	37,200	3950	.79	.94	1.00
	660	1400	12.6	43,000	2770	.77	.92	1.00	12.1	41,400	3120	.79	.94	1.00	11.6	39,700	3520	.80	.96	1.00	11.1	37,900	3960	.82	.98	1.00
	730	1550	12.8	43,800	2780	.80	.96	1.00	12.3	42,100	3130	.82	.97	1.00	11.9	40,500	3520	.83	.99	1.00	11.3	38,700	3970	.85	1.00	1.00
67°F (19.4°C)	590	1250	13.1	44,800	2790	.58	.72	.86	12.6	43,100	3140	.59	.73	.87	12.1	41,300	3530	.59	.75	.89	11.5	39,400	3980	.60	.76	.91
	660	1400	13.3	45,500	2790	.60	.75	.89	12.8	43,800	3140	.60	.76	.91	12.3	41,900	3540	.61	.78	.93	11.7	40,000	3980	.63	.80	.95
	730	1550	13.5	46,100	2800	.61	.78	.93	13.0	44,400	3150	.62	.79	.95	12.5	42,500	3540	.63	.81	.97	11.9	40,500	3990	.65	.83	.99
71°F (21.7°C)	590	1250	14.0	47,800	2810	.43	.56	.69	13.5	45,900	3160	.43	.57	.71	12.9	44,000	3560	.44	.58	.72	12.3	42,000	4010	.44	.59	.74
	660	1400	14.2	48,500	2820	.44	.58	.73	13.7	46,600	3170	.44	.59	.74	13.1	44,600	3570	.44	.60	.76	12.5	42,600	4010	.45	.61	.78
	730	1550	14.4	49,100	2820	.44	.60	.76	13.8	47,200	3170	.45	.61	.77	13.2	45,100	3570	.45	.62	.79	12.6	43,100	4020	.46	.64	.81

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

12ACB42 — 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)	590	1250	12.1	41,300	2740	.75	.89	1.00	11.7	39,800	3090	.76	.90	1.00	11.2	38,200	3480	.77	.92	1.00	10.7	36,600	3920	.79	.94	1.00
	660	1400	12.3	42,000	2750	.77	.92	1.00	11.9	40,500	3100	.79	.94	1.00	11.4	38,900	3490	.80	.95	1.00	10.9	37,300	3930	.82	.97	1.00
	730	1550	12.5	42,700	2750	.80	.95	1.00	12.1	41,200	3100	.81	.97	1.00	11.6	39,600	3500	.83	.98	1.00	11.1	38,000	3940	.85	1.00	1.00
67°F (19.4°C)	590	1250	12.8	43,800	2760	.58	.72	.86	12.4	42,200	3110	.59	.73	.87	11.9	40,500	3500	.59	.75	.89	11.3	38,700	3950	.60	.76	.91
	660	1400	13.0	44,400	2760	.60	.75	.89	12.5	42,700	3120	.60	.76	.91	12.0	41,000	3510	.61	.78	.93	11.5	39,200	3950	.62	.80	.95
	730	1550	13.2	44,900	2770	.61	.78	.92	12.7	43,200	3120	.62	.79	.94	12.2	41,500	3510	.63	.81	.96	11.6	39,600	3960	.64	.83	.98
71°F (21.7°C)	590	1250	13.7	46,600	2780	.43	.56	.70	13.2	44,900	3130	.43	.57	.71	12.6	43,100	3530	.44	.58	.72	12.1	41,200	3980	.44	.59	.74
	660	1400	13.8	47,200	2790	.44	.58	.73	13.3	45,500	3140	.44	.59	.74	12.8	43,600	3540	.44	.60	.76	12.2	41,700	3980	.45	.61	.77
	730	1550	14.0	47,700	2790	.44	.60	.75	13.5	45,900	3140	.45	.61	.77	12.9	44,100	3540	.45	.62	.79	12.3	42,100	3990	.46	.63	.81

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

12ACB42 — 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	12.2	41,700	2750	.74	.89	1.00	11.8	40,100	3100	.76	.90	1.00	11.3	38,500	3500	.77	.92	1.00	10.8	36,800	3940	.79	.94	1.00
	660	1400	12.4	42,400	2760	.77	.92	1.00	12.0	40,900	3110	.78	.94	1.00	11.5	39,200	3500	.80	.96	1.00	11.0	37,500	3950	.82	.97	1.00
	730	1550	12.6	43,100	2760	.80	.95	1.00	12.2	41,600	3110	.81	.97	1.00	11.7	39,900	3510	.83	.98	1.00	11.2	38,300	3950	.85	1.00	1.00
67°F (19.4°C)	590	1250	13.0	44,200	2770	.58	.72	.85	12.5	42,600	3120	.59	.73	.87	12.0	40,800	3520	.59	.75	.89	11.4	39,000	3960	.60	.76	.91
	660	1400	13.2	44,900	2780	.59	.75	.89	12.7	43,200	3130	.60	.76	.91	12.1	41,400	3530	.61	.78	.93	11.6	39,600	3970	.62	.79	.95
	730	1550	13.3	45,500	2780	.61	.77	.92	12.8	43,800	3140	.62	.79	.94	12.3	41,900	3530	.63	.81	.96	11.7	40,000	3970	.64	.83	.98
71°F (21.7°C)	590	1250	13.8	47,100	2800	.43	.56	.69	13.3	45,400	3150	.43	.57	.71	12.7	43,500	3550	.44	.58	.72	12.2	41,600	3990	.44	.59	.74
	660	1400	14.0	47,800	2800	.44	.58	.72	13.5	46,000	3160	.44	.59	.74	12.9	44,100	3550	.44	.60	.75	12.3	42,100	4000	.45	.61	.77
	730	1550	14.2	48,400	2810	.44	.60	.75	13.6	46,500	3160	.45	.61	.77	13.1	44,600	3560	.45	.62	.78	12.5	42,600	4000	.45	.63	.80

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

12ACB42 — CH23-41 - C33-42B-F

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°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	12.2	41,600	2740	.75	.89	1.00	11.7	40,000	3090	.76	.91	1.00	11.3	38,500	3480	.78	.93	1.00	10.8	36,800	3920	.79	.95	1.00
	660	1400	12.4	42,300	2750	.78	.93	1.00	12.0	40,800	3100	.79	.94	1.00	11.5	39,200	3490	.81	.96	1.00	11.0	37,600	3930	.83	.98	1.00
	730	1550	12.6	43,000	2750	.81	.96	1.00	12.2	41,500	3100	.82	.97	1.00	11.7	39,900	3500	.84	.99	1.00	11.2	38,300	3940	.86	1.00	1.00
67°F (19.4°C)	590	1250	12.9	44,000	2760	.58	.73	.86	12.4	42,300	3110	.59	.74	.88	11.9	40,600	3510	.60	.75	.90	11.4	38,800	3950	.61	.77	.92
	660	1400	13.1	44,600	2770	.60	.76	.90	12.6	42,900	3120	.61	.77	.92	12.1	41,200	3510	.62	.79	.93	11.5	39,400	3950	.63	.80	.95
	730	1550	13.2	45,100	2770	.62	.79	.93	12.7	43,500	3120	.63	.80	.95	12.2	41,700	3520	.64	.82	.97	11.7	39,800	3960	.65	.84	.98
71°F (21.7°C)	590	1250	13.7	46,700	2780	.43	.57	.70	13.2	45,100	3130	.43	.58	.72	12.7	43,200	3530	.44	.58	.73	12.1	41,300	3980	.44	.59	.75
	660	1400	13.9	47,400	2790	.44	.59	.73	13.4	45,700	3140	.44	.60	.75	12.8	43,800	3540	.45	.61	.76	12.3	41,900	3980	.45	.62	.78
	730	1550	14.0	47,900	2790	.45	.61	.76	13.5	46,100	3140	.45	.61	.78	13.0	44,200	3540	.45	.63	.80	12.4	42,300	3990	.46	.64	.82

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

RATINGS

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

12ACB42 — CH33-48C-F - 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	12.3	41,800	2750	.75	.89	1.00	11.8	40,300	3100	.76	.91	1.00	11.3	38,700	3490	.78	.93	1.00	10.8	37,000	3930	.79	.95	1.00
	660	1400	12.5	42,600	2750	.78	.93	1.00	12.0	41,100	3100	.79	.94	1.00	11.5	39,400	3500	.81	.96	1.00	11.1	37,800	3940	.82	.98	1.00
	730	1550	12.7	43,300	2760	.81	.96	1.00	12.3	41,800	3110	.82	.97	1.00	11.8	40,200	3500	.84	.99	1.00	11.3	38,500	3950	.86	1.00	1.00
67°F (19.4°C)	590	1250	13.0	44,300	2770	.58	.72	.86	12.5	42,600	3120	.59	.74	.88	12.0	40,900	3520	.60	.75	.90	11.5	39,100	3960	.61	.77	.92
	660	1400	13.2	45,000	2770	.60	.75	.90	12.7	43,300	3130	.61	.77	.91	12.2	41,500	3520	.62	.78	.93	11.6	39,600	3960	.63	.80	.95
	730	1550	13.3	45,500	2780	.62	.78	.93	12.8	43,800	3130	.63	.80	.95	12.3	42,000	3520	.64	.82	.97	11.8	40,100	3970	.65	.84	.98
71°F (21.7°C)	590	1250	13.8	47,200	2790	.43	.57	.70	13.3	45,500	3140	.43	.57	.71	12.8	43,600	3540	.44	.58	.73	12.2	41,600	3990	.44	.59	.74
	660	1400	14.0	47,800	2800	.44	.58	.73	13.5	46,000	3150	.44	.59	.74	12.9	44,100	3550	.44	.60	.76	12.4	42,200	3990	.45	.62	.78
	730	1550	14.2	48,300	2800	.44	.60	.76	13.7	46,600	3150	.45	.61	.78	13.1	44,600	3550	.45	.62	.79	12.5	42,600	4000	.46	.64	.81

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

12ACB42 — CB29M-41

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts 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	11.3	38,400	2740	.74	.87	.98	10.9	37,100	3090	.75	.89	.99	10.5	35,700	3490	.76	.90	1.00	10.1	34,300	3930	.77	.92	1.00
	635	1350	11.4	38,800	2740	.75	.90	1.00	11.0	37,600	3090	.76	.91	1.00	10.6	36,200	3480	.78	.93	1.00	10.2	34,800	3930	.79	.94	1.00
	685	1450	11.5	39,300	2740	.77	.92	1.00	11.1	38,000	3090	.78	.93	1.00	10.7	36,600	3490	.80	.95	1.00	10.3	35,200	3930	.81	.96	1.00
67°F (19.4°C)	590	1250	11.9	40,700	2760	.57	.71	.84	11.5	39,300	3110	.58	.72	.86	11.1	37,800	3500	.59	.73	.87	10.6	36,300	3950	.60	.75	.89
	635	1350	12.0	41,000	2760	.58	.73	.87	11.6	39,700	3110	.59	.74	.88	11.2	38,200	3510	.60	.75	.90	10.8	36,700	3950	.61	.77	.92
	685	1450	12.1	41,400	2760	.59	.75	.89	11.7	40,000	3110	.60	.76	.90	11.3	38,500	3510	.61	.77	.92	10.8	36,900	3950	.62	.79	.94
71°F (21.7°C)	590	1250	12.7	43,200	2780	.43	.56	.69	12.3	41,800	3130	.43	.56	.70	11.8	40,200	3530	.43	.57	.71	11.3	38,700	3980	.44	.58	.72
	635	1350	12.8	43,600	2780	.43	.57	.71	12.3	42,100	3130	.43	.58	.72	11.9	40,600	3530	.44	.58	.73	11.4	39,000	3980	.44	.59	.75
	685	1450	12.9	43,900	2790	.44	.58	.72	12.5	42,500	3140	.44	.59	.74	12.0	40,900	3540	.44	.60	.75	11.5	39,300	3980	.44	.61	.77

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

12ACB42 — CB29M-46

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts 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	11.7	40,000	2800	.72	.86	.97	11.3	38,700	3160	.73	.87	.99	10.9	37,200	3560	.75	.89	1.00	10.5	35,700	4010	.76	.91	1.00
	635	1350	12.0	40,800	2810	.75	.89	1.00	11.5	39,400	3160	.76	.91	1.00	11.1	37,900	3570	.78	.93	1.00	10.7	36,400	4020	.79	.94	1.00
	710	1500	12.2	41,500	2810	.78	.93	1.00	11.8	40,100	3170	.79	.94	1.00	11.3	38,600	3570	.80	.96	1.00	10.8	37,000	4030	.82	.97	1.00
67°F (19.4°C)	565	1200	12.5	42,600	2820	.57	.70	.83	12.0	41,100	3180	.57	.71	.84	11.6	39,500	3580	.58	.72	.86	11.1	37,900	4040	.59	.74	.88
	635	1350	12.7	43,200	2830	.58	.73	.86	12.2	41,700	3190	.59	.74	.88	11.8	40,100	3590	.60	.75	.90	11.3	38,400	4050	.61	.77	.91
	710	1500	12.8	43,800	2830	.60	.75	.90	12.4	42,300	3190	.60	.77	.91	11.9	40,600	3600	.61	.78	.93	11.4	38,900	4050	.62	.80	.95
71°F (21.7°C)	565	1200	13.3	45,300	2850	.43	.55	.67	12.8	43,700	3210	.43	.56	.68	12.3	42,100	3610	.43	.56	.70	11.8	40,400	4070	.43	.57	.71
	635	1350	13.5	46,000	2860	.43	.57	.70	13.0	44,400	3220	.43	.57	.71	12.5	42,700	3620	.44	.58	.73	12.0	40,900	4080	.44	.59	.74
	710	1500	13.7	46,600	2860	.44	.58	.73	13.2	45,000	3220	.44	.59	.74	12.7	43,200	3630	.44	.60	.76	12.1	41,400	4080	.45	.61	.78

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

12ACB42 — CB30U-41 - CB30M-41

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			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)	495	1050	11.6	39,600	2740	.70	.82	.94	11.2	38,200	3080	.71	.84	.95	10.8	36,800	3470	.72	.85	.97	10.3	35,300	3910	.73	.87	.98
	590	1250	12.0	40,800	2740	.73	.87	.98	11.5	39,400	3090	.74	.88	.99	11.1	37,900	3490	.76	.90	1.00	10.6	36,300	3930	.77	.92	1.00
	685	1450	12.3	41,800	2750	.77	.91	1.00	11.8	40,400	3100	.78	.93	1.00	11.4	38,800	3500	.79	.95	1.00	10.9	37,200	3940	.81	.96	1.00
67°F (19.4°C)	495	1050	12.4	42,200	2760	.55	.67	.79	12.0	40,800	3110	.56	.68	.80	11.5	39,200	3500	.56	.69	.82	11.0	37,600	3940	.57	.70	.83
	590	1250	12.7	43,300	2770	.57	.71	.84	12.3	41,800	3120	.58	.72	.85	11.8	40,200	3510	.58	.73	.87	11.3	38,500	3960	.59	.75	.89
	685	1450	13.0	44,200	2770	.59	.74	.88	12.5	42,600	3130	.60	.76	.90	12.0	41,000	3520	.61	.77	.92	11.5	39,200	3970	.62	.79	.94
71°F (21.7°C)	495	1050	13.2	45,000	2780	.42	.53	.65	12.7	43,500	3130	.42	.54	.65	12.3	41,800	3530	.42	.54	.66	11.8	40,100	3980	.43	.55	.68
	590	1250	13.5	46,200	2800	.43	.55	.68	13.1	44,600	3150	.43	.56	.69	12.6	42,900	3540	.43	.57	.71	12.0	41,100	3990	.43	.58	.72
	685	1450	13.8	47,000	2800	.43	.58	.72	13.3	45,400	3150	.44	.58	.73	12.8	43,600	3550	.44	.59	.75	12.3	41,800	4000	.44	.60	.76

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

RATINGS

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

12ACB42 — CB31MV-41

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			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)	595	1265	11.8	40,200	2740	.73	.87	.98	11.4	38,800	3080	.74	.89	.99	10.9	37,300	3480	.76	.90	1.00	10.5	35,800	3920	.77	.92	1.00
	660	1400	12.0	40,900	2740	.76	.90	1.00	11.6	39,500	3090	.77	.92	1.00	11.1	38,000	3480	.78	.94	1.00	10.7	36,400	3920	.80	.95	1.00
	730	1545	12.2	41,600	2750	.78	.93	1.00	11.8	40,100	3100	.80	.95	1.00	11.3	38,600	3490	.81	.97	1.00	10.9	37,100	3930	.83	.98	1.00
67°F (19.4°C)	595	1265	12.5	42,700	2760	.57	.71	.84	12.1	41,200	3110	.58	.72	.85	11.6	39,600	3500	.59	.73	.87	11.1	37,900	3950	.59	.75	.89
	660	1400	12.7	43,300	2770	.59	.73	.87	12.3	41,800	3120	.59	.75	.89	11.8	40,100	3510	.60	.76	.91	11.3	38,400	3950	.61	.78	.93
	730	1545	12.9	43,900	2770	.60	.76	.90	12.4	42,300	3120	.61	.77	.92	11.9	40,600	3520	.62	.79	.94	11.4	38,900	3960	.63	.81	.96
71°F (21.7°C)	595	1265	13.3	45,500	2790	.43	.56	.68	12.9	43,900	3140	.43	.56	.69	12.4	42,200	3530	.43	.57	.71	11.8	40,400	3980	.44	.58	.72
	660	1400	13.5	46,100	2790	.43	.57	.71	13.0	44,500	3140	.44	.58	.72	12.5	42,800	3540	.44	.59	.74	12.0	41,000	3980	.44	.60	.75
	730	1545	13.7	46,600	2800	.44	.59	.74	13.2	45,000	3150	.44	.60	.75	12.7	43,200	3550	.44	.61	.77	12.1	41,400	3990	.45	.62	.78

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

12ACB42 — CB29M-51

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	565	1200	12.3	42,100	2740	.72	.86	.97	11.9	40,600	3090	.73	.87	.99	11.5	39,100	3480	.75	.89	1.00	11.0	37,400	3930	.76	.91	1.00
	660	1400	12.7	43,200	2750	.76	.90	1.00	12.2	41,700	3100	.77	.92	1.00	11.8	40,100	3500	.78	.94	1.00	11.3	38,400	3940	.80	.95	1.00
	755	1600	12.9	44,100	2760	.79	.94	1.00	12.5	42,600	3110	.81	.96	1.00	12.0	41,000	3500	.82	.97	1.00	11.5	39,400	3950	.84	.99	1.00
67°F (19.4°C)	565	1200	13.1	44,800	2770	.57	.70	.83	12.7	43,200	3120	.57	.71	.84	12.2	41,500	3510	.58	.72	.86	11.7	39,800	3950	.59	.73	.87
	660	1400	13.4	45,700	2770	.59	.73	.87	12.9	44,100	3120	.59	.75	.89	12.4	42,400	3520	.60	.76	.91	11.9	40,600	3960	.61	.78	.93
	755	1600	13.6	46,500	2780	.61	.77	.92	13.1	44,800	3130	.62	.78	.93	12.6	43,000	3530	.63	.80	.95	12.1	41,200	3970	.64	.82	.97
71°F (21.7°C)	565	1200	14.0	47,700	2790	.43	.55	.67	13.5	46,000	3140	.43	.56	.68	13.0	44,300	3540	.43	.56	.70	12.4	42,400	3990	.43	.57	.71
	660	1400	14.2	48,600	2800	.43	.57	.71	13.8	47,000	3150	.44	.58	.72	13.2	45,100	3550	.44	.59	.74	12.7	43,200	4000	.44	.60	.75
	755	1600	14.5	49,400	2810	.44	.59	.75	14.0	47,600	3160	.44	.60	.76	13.4	45,700	3560	.45	.61	.78	12.8	43,800	4000	.45	.62	.80

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

12ACB42 — CB30U-41/46 - CB30M-46

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			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	12.3	41,900	2740	.74	.88	.99	11.8	40,300	3090	.75	.89	1.00	11.4	38,800	3480	.76	.91	1.00	10.9	37,100	3920	.78	.93	1.00
	660	1400	12.5	42,600	2750	.76	.91	1.00	12.0	41,100	3100	.78	.93	1.00	11.6	39,500	3490	.79	.95	1.00	11.1	37,800	3930	.81	.96	1.00
	730	1550	12.7	43,300	2750	.79	.94	1.00	12.3	41,800	3100	.80	.96	1.00	11.8	40,200	3500	.82	.97	1.00	11.3	38,500	3940	.84	.99	1.00
67°F (19.4°C)	590	1250	13.0	44,400	2760	.57	.71	.85	12.5	42,800	3110	.58	.72	.86	12.0	41,100	3510	.59	.74	.88	11.5	39,300	3950	.60	.75	.90
	660	1400	13.2	45,100	2770	.59	.74	.88	12.7	43,500	3120	.60	.75	.90	12.2	41,700	3510	.61	.77	.92	11.7	39,900	3960	.62	.79	.94
	730	1550	13.4	45,700	2770	.61	.77	.91	12.9	44,000	3120	.61	.78	.93	12.4	42,200	3520	.62	.80	.95	11.8	40,400	3960	.64	.82	.97
71°F (21.7°C)	590	1250	13.9	47,300	2790	.43	.56	.69	13.4	45,600	3140	.43	.57	.70	12.8	43,800	3530	.43	.57	.71	12.3	41,900	3980	.44	.58	.73
	660	1400	14.1	48,000	2800	.43	.58	.72	13.6	46,300	3150	.44	.58	.73	13.0	44,400	3540	.44	.59	.75	12.5	42,500	3990	.44	.60	.76
	730	1550	14.2	48,600	2800	.44	.59	.74	13.7	46,800	3150	.44	.60	.76	13.2	44,900	3550	.45	.61	.78	12.6	42,900	3990	.45	.62	.80

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

12ACB42 — CB30U-51 - CB30M-51

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts 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	12.1	41,300	2750	.72	.86	.98	11.7	39,800	3100	.73	.87	.99	11.2	38,300	3490	.74	.89	1.00	10.7	36,600	3930	.76	.91	1.00
	660	1400	12.4	42,400	2760	.75	.90	1.00	12.0	40,800	3110	.77	.92	1.00	11.5	39,200	3500	.78	.94	1.00	11.0	37,600	3940	.80	.96	1.00
	755	1600	12.7	43,300	2770	.79	.95	1.00	12.3	41,800	3120	.80	.96	1.00	11.8	40,200	3510	.82	.98	1.00	11.3	38,500	3950	.84	.99	1.00
67°F (19.4°C)	565	1200	12.9	44,000	2780	.56	.69	.82	12.4	42,400	3120	.57	.70	.84	11.9	40,700	3520	.58	.72	.85	11.4	39,000	3960	.59	.73	.87
	660	1400	13.2	45,000	2790	.58	.73	.87	12.7	43,300	3130	.59	.74	.89	12.2	41,600	3530	.60	.76	.91	11.7	39,800	3970	.61	.78	.93
	755	1600	13.4	45,800	2790	.61	.77	.92	12.9	44,100	3140	.61	.78	.93	12.4	42,300	3540	.62	.80	.95	11.9	40,500	3980	.64	.82	.97
71°F (21.7°C)	565	1200	13.8	47,000	2800	.42	.55	.67	13.3	45,300	3150	.43	.55	.68	12.7	43,500	3550	.43	.56	.69	12.2	41,600	4000	.43	.57	.71
	660	1400	14.1	48,000	2810	.43	.57	.71	13.5	46,200	3160	.43	.58	.72	13.0	44,400	3560	.44	.59	.73	12.4	42,400	4010	.44	.60	.75
	755	1600	14.3	48,700	2820	.44	.59	.74	13.8	47,000	3170	.44	.60	.76	13.2	45,000	3570	.45	.61	.78	12.6	43,100	4010	.45	.62	.79

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

RATINGS

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

12ACB42 — CB31MV-51

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°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)	570	1205	12.1	41,400	2750	.72	.86	.98	11.7	39,900	3090	.73	.87	.99	11.3	38,400	3480	.74	.89	1.00	10.8	36,700	3930	.76	.91	1.00
	670	1425	12.5	42,600	2760	.76	.91	1.00	12.0	41,100	3110	.77	.93	1.00	11.6	39,500	3500	.79	.94	1.00	11.1	37,800	3940	.80	.96	1.00
	765	1625	12.8	43,600	2770	.80	.95	1.00	12.3	42,100	3110	.81	.97	1.00	11.9	40,500	3510	.83	.99	1.00	11.4	38,800	3950	.85	1.00	1.00
67°F (19.4°C)	570	1205	12.9	44,100	2770	.57	.69	.82	12.5	42,500	3120	.57	.71	.84	12.0	40,800	3510	.58	.72	.85	11.5	39,100	3960	.59	.73	.87
	670	1425	13.2	45,200	2780	.59	.74	.88	12.8	43,600	3130	.60	.75	.89	12.3	41,800	3530	.60	.76	.91	11.7	40,000	3970	.61	.78	.93
	765	1625	13.5	46,100	2790	.61	.78	.93	13.0	44,400	3140	.62	.79	.94	12.5	42,600	3530	.63	.81	.96	11.9	40,700	3980	.64	.83	.98
71°F (21.7°C)	570	1205	13.8	47,100	2800	.43	.55	.67	13.3	45,400	3150	.43	.55	.68	12.8	43,600	3550	.43	.56	.69	12.3	41,800	3990	.43	.57	.71
	670	1425	14.1	48,200	2810	.43	.57	.71	13.6	46,400	3160	.44	.58	.72	13.1	44,600	3560	.44	.59	.74	12.5	42,600	4000	.44	.60	.76
	765	1625	14.4	49,000	2820	.44	.60	.75	13.8	47,200	3170	.45	.61	.77	13.3	45,300	3570	.45	.62	.78	12.7	43,300	4010	.45	.63	.80

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

12ACB42 — CVP10-46/EC10Q4

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			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	11.9	40,700	2750	.74	.88	.99	11.5	39,200	3090	.75	.90	1.00	11.0	37,600	3490	.77	.92	1.00	10.6	36,000	3930	.78	.94	1.00
	660	1400	12.1	41,400	2750	.77	.92	1.00	11.7	39,900	3100	.78	.93	1.00	11.2	38,300	3490	.80	.95	1.00	10.8	36,700	3940	.82	.97	1.00
	730	1550	12.3	42,100	2760	.80	.95	1.00	11.9	40,600	3110	.81	.97	1.00	11.4	39,000	3500	.83	.98	1.00	11.0	37,400	3940	.85	1.00	1.00
67°F (19.4°C)	590	1250	12.7	43,200	2770	.58	.72	.85	12.2	41,600	3120	.58	.73	.87	11.7	39,900	3510	.59	.74	.89	11.2	38,100	3950	.60	.76	.91
	660	1400	12.8	43,800	2770	.59	.75	.89	12.4	42,200	3120	.60	.76	.91	11.9	40,500	3520	.61	.78	.92	11.3	38,700	3960	.62	.79	.94
	730	1550	13.0	44,400	2780	.61	.77	.92	12.5	42,700	3130	.62	.79	.94	12.0	41,000	3520	.63	.81	.96	11.5	39,100	3960	.64	.83	.98
71°F (21.7°C)	590	1250	13.5	46,000	2790	.43	.56	.69	13.0	44,300	3140	.43	.57	.70	12.5	42,500	3540	.44	.58	.72	11.9	40,600	3980	.44	.59	.74
	660	1400	13.7	46,600	2790	.44	.58	.72	13.2	44,900	3150	.44	.59	.74	12.6	43,100	3540	.44	.60	.75	12.1	41,200	3990	.45	.61	.77
	730	1550	13.8	47,200	2800	.44	.60	.75	13.3	45,500	3150	.45	.61	.77	12.8	43,600	3550	.45	.62	.78	12.2	41,600	3990	.45	.63	.80

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

12ACB42 — CVP10-51/EC10Q4

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°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	11.9	40,600	2760	.74	.88	1.00	11.5	39,100	3110	.75	.90	1.00	11.0	37,500	3500	.77	.92	1.00	10.5	35,800	3940	.78	.94	1.00
	660	1400	12.1	41,400	2760	.77	.92	1.00	11.7	39,900	3110	.78	.93	1.00	11.2	38,200	3510	.80	.95	1.00	10.7	36,600	3950	.81	.97	1.00
	730	1550	12.3	42,100	2770	.79	.95	1.00	11.9	40,600	3120	.81	.97	1.00	11.4	38,900	3520	.83	.98	1.00	10.9	37,300	3960	.85	1.00	1.00
67°F (19.4°C)	590	1250	12.7	43,200	2780	.58	.71	.85	12.2	41,600	3130	.58	.73	.86	11.7	39,800	3530	.59	.74	.88	11.1	38,000	3970	.60	.76	.90
	660	1400	12.9	43,900	2780	.59	.74	.89	12.4	42,200	3140	.60	.76	.90	11.8	40,400	3530	.61	.77	.92	11.3	38,600	3980	.62	.79	.94
	730	1550	13.0	44,500	2790	.61	.77	.92	12.5	42,800	3140	.62	.79	.94	12.0	41,000	3540	.63	.80	.96	11.5	39,100	3980	.64	.82	.98
71°F (21.7°C)	590	1250	13.5	46,100	2800	.43	.56	.69	13.0	44,300	3160	.43	.57	.70	12.5	42,500	3550	.43	.58	.72	11.9	40,600	4000	.44	.59	.73
	660	1400	13.7	46,800	2810	.44	.58	.72	13.2	45,000	3160	.44	.59	.73	12.6	43,100	3560	.44	.60	.75	12.1	41,200	4010	.45	.61	.77
	730	1550	13.9	47,400	2820	.44	.59	.75	13.4	45,600	3170	.44	.60	.76	12.8	43,600	3570	.45	.62	.78	12.2	41,600	4010	.45	.63	.80

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

12ACB48 — C26-41

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	13.4	45,700	2980	.67	.79	.89	13.0	44,200	3360	.68	.80	.91	12.5	42,500	3810	.69	.81	.92	12.0	40,800	4310	.70	.82	.94
	565	1200	13.9	47,400	2990	.70	.83	.94	13.4	45,700	3380	.71	.84	.96	12.9	44,000	3820	.72	.86	.97	12.3	42,100	4330	.73	.87	.98
	660	1400	14.2	48,600	3000	.73	.87	.98	13.7	46,900	3390	.74	.88	.99	13.2	45,100	3830	.75	.90	1.00	12.7	43,300	4330	.77	.92	1.00
67°F (19.4°C)	470	1000	14.3	48,900	3000	.54	.65	.75	13.8	47,200	3390	.54	.65	.76	13.3	45,400	3830	.55	.66	.77	12.8	43,600	4340	.55	.67	.79
	565	1200	14.8	50,400	3020	.55	.67	.79	14.3	48,700	3400	.56	.68	.81	13.7	46,900	3850	.56	.69	.82	13.2	44,900	4340	.57	.71	.84
	660	1400	15.1	51,600	3030	.57	.70	.84	14.6	49,800	3420	.58	.72	.85	14.0	47,900	3860	.58	.73	.87	13.5	45,900	4350	.59	.74	.89
71°F (21.7°C)	470	1000	15.3	52,200	3040	.42	.52	.62	14.8	50,400	3420	.42	.52	.63	14.2	48,600	3860	.42	.53	.63	13.7	46,600	4360	.42	.53	.64
	565	1200	15.8	53,800	3050	.42	.54	.65	15.2	52,000	3440	.42	.54	.66	14.7	50,000	3880	.42	.55	.67	14.0	47,900	4380	.43	.55	.68
	660	1400	16.1	55,000	3060	.43	.55	.68	15.6	53,100	3450	.43	.56	.69	14.9	51,000	3890	.43	.57	.70	14.3	48,900	4390	.43	.58	.72

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

RATINGS

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

12ACB48 — C26-46

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			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	14.4	49,100	3010	.70	.83	.94	13.9	47,400	3390	.71	.84	.96	13.3	45,500	3830	.72	.86	.97	12.8	43,600	4340	.73	.87	.99
	660	1400	14.8	50,500	3010	.73	.87	.98	14.3	48,700	3400	.74	.89	.99	13.7	46,800	3840	.76	.90	1.00	13.1	44,800	4340	.77	.92	1.00
	755	1600	15.1	51,600	3030	.76	.91	1.00	14.6	49,800	3410	.78	.93	1.00	14.0	47,900	3850	.79	.94	1.00	13.5	45,900	4350	.81	.96	1.00
67°F (19.4°C)	565	1200	15.3	52,300	3030	.56	.68	.80	14.8	50,500	3420	.56	.69	.81	14.2	48,500	3860	.57	.70	.82	13.6	46,400	4360	.57	.71	.84
	660	1400	15.7	53,600	3040	.57	.71	.84	15.2	51,700	3430	.58	.72	.85	14.5	49,600	3870	.59	.73	.87	13.9	47,500	4370	.59	.75	.89
	755	1600	16.0	54,600	3050	.59	.74	.88	15.4	52,600	3440	.60	.75	.90	14.8	50,500	3880	.61	.77	.92	14.2	48,300	4390	.62	.79	.94
71°F (21.7°C)	565	1200	16.4	55,800	3070	.42	.54	.65	15.8	53,800	3460	.42	.54	.66	15.2	51,800	3900	.42	.55	.67	14.5	49,600	4400	.43	.55	.68
	660	1400	16.7	57,100	3080	.43	.55	.68	16.1	55,100	3470	.43	.56	.69	15.5	52,900	3910	.43	.57	.71	14.8	50,600	4410	.43	.58	.72
	755	1600	17.0	58,100	3090	.43	.58	.72	16.4	56,000	3480	.44	.58	.73	15.8	53,800	3920	.44	.59	.74	15.1	51,400	4420	.44	.60	.76

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

12ACB48 — C23-51 - C33-48B/C

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°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)	615	1300	14.2	48,500	3000	.71	.84	.96	13.7	46,800	3390	.72	.86	.97	13.2	45,000	3830	.73	.87	.99	12.6	43,100	4330	.75	.89	1.00
	710	1500	14.6	49,700	3010	.74	.88	.99	14.0	47,900	3390	.75	.90	1.00	13.5	46,100	3830	.76	.91	1.00	13.0	44,200	4340	.78	.93	1.00
	800	1700	14.9	50,700	3020	.77	.92	1.00	14.3	48,900	3400	.78	.93	1.00	13.8	47,000	3840	.80	.95	1.00	13.2	45,100	4340	.81	.97	1.00
67°F (19.4°C)	615	1300	15.2	51,700	3020	.56	.69	.81	14.6	49,900	3410	.56	.69	.82	14.0	47,900	3850	.57	.71	.84	13.4	45,800	4360	.58	.72	.86
	710	1500	15.4	52,700	3040	.58	.71	.85	14.9	50,900	3420	.58	.73	.87	14.3	48,800	3860	.59	.74	.88	13.7	46,800	4360	.60	.76	.90
	800	1700	15.7	53,600	3040	.59	.75	.89	15.2	51,700	3430	.60	.76	.91	14.5	49,600	3870	.61	.77	.92	13.9	47,500	4370	.62	.79	.94
71°F (21.7°C)	615	1300	16.1	55,100	3060	.42	.54	.66	15.6	53,200	3450	.42	.55	.67	15.0	51,100	3890	.43	.55	.68	14.4	49,000	4390	.43	.56	.69
	710	1500	16.5	56,200	3070	.43	.56	.69	15.9	54,200	3460	.43	.57	.70	15.3	52,100	3900	.43	.57	.72	14.6	49,900	4400	.44	.58	.73
	800	1700	16.7	57,000	3080	.43	.58	.72	16.1	55,000	3470	.44	.59	.74	15.5	52,800	3910	.44	.60	.75	14.8	50,600	4410	.44	.61	.77

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

12ACB48 — C33-60D - C26-51/65

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°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	14.9	50,700	3020	.72	.85	.97	14.3	48,900	3400	.72	.86	.98	13.7	46,900	3840	.74	.88	.99	13.2	44,900	4350	.75	.90	1.00
	755	1600	15.2	51,900	3030	.74	.89	1.00	14.7	50,000	3410	.75	.90	1.00	14.1	48,000	3850	.77	.92	1.00	13.5	46,000	4350	.78	.94	1.00
	850	1800	15.5	53,000	3040	.77	.92	1.00	14.9	51,000	3420	.78	.94	1.00	14.4	49,000	3860	.80	.96	1.00	13.8	47,000	4360	.82	.98	1.00
67°F (19.4°C)	660	1400	15.9	54,200	3050	.56	.69	.82	15.3	52,300	3440	.57	.70	.83	14.7	50,200	3880	.57	.71	.85	14.1	48,000	4380	.58	.72	.87
	755	1600	16.2	55,300	3060	.58	.72	.86	15.6	53,300	3450	.58	.73	.87	15.0	51,200	3890	.59	.74	.89	14.3	48,900	4390	.60	.76	.91
	850	1800	16.5	56,300	3070	.59	.75	.89	15.9	54,200	3460	.60	.76	.91	15.2	51,900	3900	.61	.78	.93	14.6	49,700	4400	.62	.79	.95
71°F (21.7°C)	660	1400	17.0	58,000	3090	.42	.54	.66	16.4	55,900	3480	.43	.55	.67	15.7	53,700	3920	.43	.56	.68	15.1	51,400	4420	.43	.56	.70
	755	1600	17.3	59,100	3100	.43	.56	.69	16.7	57,000	3490	.43	.57	.70	16.0	54,700	3930	.43	.58	.72	15.4	52,400	4430	.44	.59	.73
	850	1800	17.6	60,100	3110	.43	.58	.72	17.0	57,900	3500	.44	.59	.74	16.3	55,500	3940	.44	.60	.75	15.6	53,100	4440	.44	.61	.77

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

12ACB48 — C23-51/65

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	660	1400	15.0	51,200	3020	.72	.86	.98	14.4	49,300	3410	.73	.88	.99	13.9	47,400	3850	.75	.89	1.00	13.3	45,400	4350	.76	.91	1.00
	755	1600	15.4	52,400	3030	.75	.90	1.00	14.8	50,500	3420	.77	.92	1.00	14.2	48,500	3860	.78	.93	1.00	13.6	46,400	4360	.80	.95	1.00
	850	1800	15.6	53,400	3040	.78	.94	1.00	15.1	51,500	3430	.80	.95	1.00	14.5	49,500	3870	.81	.97	1.00	13.9	47,400	4370	.83	.99	1.00
67°F (19.4°C)	660	1400	16.0	54,500	3050	.57	.70	.83	15.4	52,600	3440	.57	.71	.84	14.8	50,500	3880	.58	.72	.86	14.2	48,300	4380	.59	.74	.88
	755	1600	16.3	55,600	3060	.58	.73	.87	15.7	53,500	3450	.59	.74	.88	15.1	51,400	3890	.60	.76	.90	14.4	49,100	4390	.61	.77	.92
	850	1800	16.6	56,500	3070	.60	.76	.91	15.9	54,300	3460	.61	.77	.92	15.3	52,200	3900	.62	.79	.94	14.6	49,800	4400	.63	.81	.96
71°F (21.7°C)	660	1400	17.1	58,200	3090	.43	.55	.67	16.4	56,100	3480	.43	.56	.68	15.8	53,900	3920	.43	.56	.70	15.1	51,600	4420	.43	.57	.71
	755	1600	17.4	59,300	3100	.43	.57	.70	16.7	57,100	3490	.43	.58	.72	16.1	54,800	3930	.44	.58	.73	15.4	52,500	4430	.44	.59	.75
	850	1800	17.6	60,100	3110	.44	.59	.74	17.0	57,900	3500	.44	.60	.75	16.3	55,600	3940	.44	.61	.77	15.6	53,200	4440	.45	.62	.78

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

RATINGS

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

12ACB48 — C26-65EAP — CH23-68

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	660	1400	15.5	52,800	3040	.72	.86	.98	14.9	50,900	3420	.74	.88	.99	14.3	48,800	3870	.75	.90	1.00	13.7	46,700	4360	.76	.92	1.00
	755	1600	15.9	54,100	3050	.75	.90	1.00	15.2	52,000	3440	.77	.92	1.00	14.7	50,000	3880	.78	.94	1.00	14.0	47,800	4380	.80	.96	1.00
	850	1800	16.1	55,100	3060	.79	.94	1.00	15.6	53,100	3450	.80	.96	1.00	14.9	51,000	3890	.82	.98	1.00	14.3	48,900	4390	.84	.99	1.00
67°F (19.4°C)	660	1400	16.5	56,300	3070	.57	.70	.83	15.9	54,200	3460	.57	.71	.84	15.2	52,000	3900	.58	.72	.86	14.6	49,700	4400	.59	.74	.88
	755	1600	16.8	57,400	3080	.58	.73	.87	16.2	55,300	3470	.59	.74	.89	15.5	53,000	3910	.60	.76	.91	14.8	50,600	4410	.61	.78	.93
	850	1800	17.1	58,300	3090	.60	.76	.91	16.4	56,100	3480	.61	.78	.93	15.8	53,800	3920	.62	.79	.95	15.1	51,400	4420	.63	.81	.97
71°F (21.7°C)	660	1400	17.6	60,100	3110	.43	.55	.67	17.0	57,900	3500	.43	.56	.68	16.3	55,600	3950	.43	.56	.70	15.6	53,200	4440	.43	.57	.71
	755	1600	17.9	61,200	3130	.43	.57	.71	17.3	58,900	3520	.43	.58	.72	16.6	56,500	3960	.44	.59	.73	15.9	54,100	4460	.44	.60	.75
	850	1800	18.2	62,100	3140	.44	.59	.74	17.5	59,800	3530	.44	.60	.75	16.8	57,300	3970	.45	.61	.77	16.0	54,700	4470	.45	.62	.79

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

12ACB48 — 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)	565	1200	13.8	47,100	2990	.70	.83	.94	13.3	45,500	3370	.71	.84	.96	12.8	43,800	3820	.72	.86	.97	12.3	42,000	4320	.73	.87	.98
	660	1400	14.2	48,400	3000	.73	.87	.98	13.7	46,700	3380	.74	.88	.99	13.2	44,900	3820	.75	.90	1.00	12.6	43,100	4330	.77	.92	1.00
	755	1600	14.5	49,400	3000	.76	.91	1.00	14.0	47,700	3390	.77	.92	1.00	13.5	45,900	3830	.79	.94	1.00	12.9	44,000	4340	.80	.96	1.00
67°F (19.4°C)	565	1200	14.7	50,200	3010	.56	.68	.80	14.2	48,400	3400	.56	.69	.81	13.7	46,600	3840	.56	.70	.82	13.1	44,700	4340	.57	.71	.84
	660	1400	15.0	51,300	3020	.57	.71	.84	14.5	49,500	3410	.58	.72	.85	14.0	47,600	3840	.58	.73	.87	13.4	45,600	4350	.59	.74	.89
	755	1600	15.3	52,200	3030	.59	.74	.88	14.8	50,400	3420	.60	.75	.89	14.2	48,400	3850	.60	.76	.91	13.6	46,400	4360	.61	.78	.93
71°F (21.7°C)	565	1200	15.7	53,500	3040	.42	.54	.65	15.2	51,700	3430	.42	.54	.66	14.6	49,700	3870	.42	.55	.67	14.0	47,700	4370	.43	.55	.68
	660	1400	16.0	54,600	3050	.43	.55	.68	15.5	52,800	3440	.43	.56	.69	14.9	50,800	3880	.43	.57	.71	14.2	48,600	4380	.43	.58	.72
	755	1600	16.3	55,500	3060	.43	.57	.71	15.7	53,600	3450	.44	.58	.73	15.1	51,500	3890	.44	.59	.74	14.5	49,400	4390	.44	.60	.76

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

12ACB48 — 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)	660	1400	14.0	47,900	3000	.73	.87	.98	13.5	46,200	3380	.74	.88	.99	13.0	44,500	3820	.75	.90	1.00	12.5	42,600	4330	.77	.92	1.00
	755	1600	14.3	48,900	3000	.76	.91	1.00	13.8	47,200	3390	.77	.92	1.00	13.3	45,500	3830	.79	.94	1.00	12.8	43,600	4340	.80	.96	1.00
	850	1800	14.6	49,800	3010	.79	.94	1.00	14.1	48,100	3400	.80	.96	1.00	13.6	46,300	3840	.82	.97	1.00	13.0	44,500	4340	.84	.99	1.00
67°F (19.4°C)	660	1400	14.9	50,900	3020	.57	.71	.84	14.4	49,000	3410	.58	.72	.85	13.8	47,200	3840	.58	.73	.87	13.2	45,200	4350	.59	.74	.89
	755	1600	15.2	51,700	3030	.59	.74	.88	14.6	49,900	3420	.60	.75	.89	14.0	47,900	3850	.60	.76	.91	13.5	45,900	4360	.61	.78	.93
	850	1800	15.4	52,400	3040	.61	.77	.91	14.8	50,600	3420	.61	.78	.93	14.2	48,600	3860	.62	.80	.95	13.6	46,500	4370	.63	.82	.96
71°F (21.7°C)	660	1400	15.9	54,200	3050	.43	.55	.68	15.3	52,200	3440	.43	.56	.69	14.7	50,200	3880	.43	.57	.71	14.1	48,200	4380	.43	.58	.72
	755	1600	16.1	55,000	3060	.43	.57	.71	15.6	53,100	3450	.44	.58	.73	14.9	51,000	3890	.44	.59	.74	14.3	48,900	4390	.44	.60	.76
	850	1800	16.3	55,700	3070	.44	.59	.74	15.7	53,700	3460	.44	.60	.76	15.1	51,600	3900	.45	.61	.78	14.5	49,400	4400	.45	.62	.79

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

12ACB48 — 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	15.2	51,700	3030	.73	.86	.98	14.6	49,900	3420	.74	.88	.99	14.0	47,900	3850	.75	.90	1.00	13.4	45,800	4350	.77	.92	1.00
	755	1600	15.5	52,900	3040	.76	.90	1.00	14.9	51,000	3420	.77	.92	1.00	14.4	49,000	3860	.78	.94	1.00	13.7	46,900	4360	.80	.96	1.00
	850	1800	15.8	54,000	3050	.79	.94	1.00	15.2	52,000	3430	.80	.96	1.00	14.7	50,000	3870	.82	.97	1.00	14.0	47,900	4370	.84	.99	1.00
67°F (19.4°C)	660	1400	16.1	55,100	3060	.57	.70	.83	15.6	53,100	3450	.57	.71	.85	14.9	50,900	3880	.58	.72	.86	14.3	48,700	4390	.59	.74	.88
	755	1600	16.4	56,100	3070	.59	.73	.87	15.9	54,100	3460	.59	.74	.89	15.2	51,800	3900	.60	.76	.91	14.5	49,600	4400	.61	.78	.93
	850	1800	16.7	57,000	3080	.60	.76	.91	16.1	54,800	3470	.61	.78	.93	15.4	52,600	3900	.62	.79	.95	14.7	50,300	4410	.63	.81	.97
71°F (21.7°C)	660	1400	17.2	58,700	3100	.43	.55	.68	16.6	56,700	3490	.43	.56	.69	15.9	54,400	3930	.43	.57	.70	15.2	52,000	4430	.43	.57	.71
	755	1600	17.5	59,800	3110	.43	.57	.71	16.9	57,600	3500	.43	.58	.72	16.2	55,300	3940	.44	.59	.74	15.5	52,900	4440	.44	.60	.75
	850	1800	17.8	60,600	3120	.44	.59	.74	17.1	58,400	3510	.44	.60	.75	16.4	56,000	3950	.45	.61	.77	15.7	53,500	4450	.45	.62	.79

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

RATINGS

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

12ACB48 — CH33-48C-F - 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	14.6	49,700	3010	.73	.87	.98	14.0	47,900	3390	.75	.89	.99	13.5	46,100	3830	.76	.91	1.00	13.0	44,200	4330	.77	.92	1.00
	755	1600	14.9	50,800	3020	.77	.91	1.00	14.4	49,000	3400	.78	.93	1.00	13.8	47,100	3840	.79	.95	1.00	13.2	45,200	4340	.81	.96	1.00
	850	1800	15.2	51,800	3030	.80	.95	1.00	14.7	50,000	3410	.81	.96	1.00	14.1	48,100	3850	.83	.98	1.00	13.5	46,200	4350	.85	.99	1.00
67°F (19.4°C)	660	1400	15.4	52,700	3030	.57	.71	.84	14.9	50,800	3420	.58	.72	.86	14.3	48,800	3860	.59	.73	.87	13.7	46,700	4360	.60	.75	.89
	755	1600	15.7	53,600	3040	.59	.74	.88	15.2	51,700	3430	.60	.76	.90	14.6	49,700	3870	.61	.77	.92	13.9	47,500	4370	.62	.79	.94
	850	1800	15.9	54,400	3050	.61	.78	.92	15.4	52,400	3440	.62	.79	.94	14.7	50,300	3880	.63	.81	.96	14.1	48,200	4380	.64	.82	.97
71°F (21.7°C)	660	1400	16.4	56,100	3070	.43	.56	.68	15.9	54,100	3460	.43	.56	.70	15.2	52,000	3900	.43	.57	.71	14.6	49,800	4400	.44	.58	.73
	755	1600	16.7	57,000	3080	.43	.58	.72	16.1	55,000	3470	.44	.58	.73	15.5	52,800	3910	.44	.59	.75	14.8	50,600	4410	.44	.61	.76
	850	1800	16.9	57,800	3090	.44	.60	.75	16.3	55,700	3470	.44	.61	.77	15.7	53,500	3920	.45	.62	.78	15.0	51,200	4420	.45	.63	.80

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

12ACB48 — CH33-60D-F - 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	14.9	51,000	3020	.73	.87	.98	14.4	49,200	3400	.74	.89	.99	13.9	47,300	3840	.76	.90	1.00	13.3	45,300	4340	.77	.92	1.00
	755	1600	15.3	52,200	3030	.76	.91	1.00	14.7	50,300	3420	.78	.93	1.00	14.2	48,400	3860	.79	.94	1.00	13.6	46,300	4360	.81	.96	1.00
	850	1800	15.6	53,200	3040	.79	.95	1.00	15.1	51,400	3430	.81	.96	1.00	14.5	49,400	3870	.83	.98	1.00	13.9	47,400	4370	.84	.99	1.00
67°F (19.4°C)	660	1400	15.9	54,200	3050	.57	.71	.84	15.3	52,200	3440	.58	.72	.85	14.7	50,100	3880	.59	.73	.87	14.1	48,000	4370	.59	.75	.89
	755	1600	16.2	55,200	3060	.59	.74	.88	15.6	53,200	3440	.60	.75	.90	14.9	51,000	3890	.61	.77	.92	14.3	48,800	4390	.62	.78	.93
	850	1800	16.4	56,100	3070	.61	.77	.92	15.8	54,000	3450	.62	.79	.94	15.2	51,800	3900	.63	.80	.95	14.5	49,500	4400	.64	.82	.97
71°F (21.7°C)	660	1400	16.9	57,800	3080	.43	.55	.68	16.3	55,700	3470	.43	.56	.69	15.7	53,500	3920	.43	.57	.71	15.0	51,200	4420	.43	.58	.72
	755	1600	17.2	58,700	3100	.43	.57	.72	16.6	56,700	3490	.44	.58	.73	15.9	54,400	3930	.44	.59	.74	15.2	52,000	4430	.44	.60	.76
	850	1800	17.4	59,500	3110	.44	.60	.75	16.8	57,400	3500	.44	.60	.76	16.1	55,100	3940	.45	.62	.78	15.4	52,700	4440	.45	.63	.80

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

12ACB48 — CB30M-41

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			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)	495	1050	12.8	43,600	3010	.68	.80	.91	12.3	42,100	3400	.69	.81	.92	11.9	40,500	3840	.70	.83	.94	11.4	38,800	4350	.71	.84	.96
	590	1250	13.2	45,100	3020	.71	.84	.96	12.7	43,500	3410	.72	.86	.97	12.3	41,800	3860	.73	.87	.99	11.8	40,100	4370	.75	.89	1.00
	685	1450	13.6	46,300	3030	.74	.88	.99	13.1	44,700	3420	.75	.90	1.00	12.6	42,900	3860	.77	.92	1.00	12.0	41,100	4370	.78	.93	1.00
67°F (19.4°C)	495	1050	13.7	46,700	3040	.55	.66	.77	13.2	45,000	3430	.55	.66	.78	12.7	43,300	3870	.55	.67	.79	12.2	41,500	4380	.56	.68	.81
	590	1250	14.1	48,100	3050	.56	.69	.81	13.6	46,400	3440	.57	.70	.82	13.1	44,600	3880	.57	.71	.84	12.5	42,700	4390	.58	.72	.86
	685	1450	14.4	49,200	3060	.58	.72	.85	13.9	47,400	3450	.58	.73	.87	13.3	45,500	3890	.59	.74	.88	12.8	43,600	4400	.60	.76	.90
71°F (21.7°C)	495	1050	14.6	49,900	3070	.42	.52	.63	14.1	48,200	3460	.42	.53	.64	13.6	46,400	3900	.42	.53	.65	13.0	44,500	4410	.42	.54	.66
	590	1250	15.0	51,300	3090	.42	.54	.66	14.5	49,600	3470	.43	.55	.67	14.0	47,700	3920	.43	.55	.68	13.4	45,700	4420	.43	.56	.69
	685	1450	15.4	52,400	3100	.43	.56	.69	14.8	50,600	3490	.43	.57	.70	14.2	48,600	3930	.43	.58	.72	13.6	46,500	4440	.44	.59	.73

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

12ACB48 — CB31MV-41

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			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)	595	1265	13.0	44,300	3020	.71	.84	.96	12.5	42,700	3400	.72	.86	.97	12.0	41,000	3850	.73	.87	.99	11.5	39,300	4350	.75	.89	1.00
	660	1400	13.2	45,100	3020	.73	.87	.99	12.7	43,500	3410	.75	.89	1.00	12.3	41,900	3850	.76	.91	1.00	11.8	40,100	4360	.77	.92	1.00
	730	1545	13.5	45,900	3030	.76	.90	1.00	13.0	44,200	3410	.77	.92	1.00	12.5	42,500	3860	.78	.94	1.00	12.0	40,800	4360	.80	.95	1.00
67°F (19.4°C)	595	1265	13.8	47,200	3040	.56	.69	.81	13.3	45,500	3430	.57	.70	.82	12.8	43,700	3870	.57	.71	.84	12.3	41,900	4370	.58	.72	.86
	660	1400	14.1	48,000	3050	.57	.71	.84	13.6	46,300	3440	.58	.72	.86	13.0	44,400	3880	.59	.73	.87	12.5	42,600	4380	.60	.75	.89
	730	1545	14.2	48,600	3050	.59	.73	.87	13.7	46,900	3450	.59	.74	.89	13.2	45,000	3880	.60	.76	.91	12.6	43,100	4390	.61	.78	.92
71°F (21.7°C)	595	1265	14.8	50,400	3070	.42	.54	.66	14.2	48,600	3460	.43	.55	.67	13.7	46,700	3910	.43	.56	.68	13.1	44,800	4410	.43	.56	.70
	660	1400	15.0	51,200	3080	.43	.56	.68	14.5	49,400	3470	.43	.56	.70	13.9	47,500	3920	.43	.57	.71	13.3	45,500	4420	.44	.58	.72
	730	1545	15.2	51,800	3090	.43	.57	.71	14.7	50,000	3480	.43	.58	.72	14.1	48,000	3930	.44	.59	.74	13.5	46,000	4430	.44	.60	.75

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

RATINGS

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

12ACB48 — CB29M-46

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts 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)	685	1450	13.7	46,700	3070	.74	.89	.99	13.2	45,000	3460	.76	.90	1.00	12.7	43,300	3910	.77	.92	1.00	12.2	41,500	4430	.78	.94	1.00
	730	1550	13.8	47,200	3070	.76	.90	1.00	13.3	45,500	3470	.77	.92	1.00	12.8	43,800	3920	.79	.94	1.00	12.3	42,000	4440	.80	.95	1.00
	780	1650	14.0	47,600	3080	.77	.92	1.00	13.5	46,000	3470	.79	.94	1.00	13.0	44,200	3920	.80	.95	1.00	12.4	42,400	4440	.82	.97	1.00
67°F (19.4°C)	685	1450	14.5	49,500	3100	.58	.72	.85	14.0	47,700	3490	.58	.73	.87	13.5	45,900	3940	.59	.74	.89	12.9	43,900	4450	.60	.76	.90
	730	1550	14.6	49,900	3100	.59	.73	.87	14.1	48,200	3490	.59	.75	.89	13.6	46,300	3940	.60	.76	.91	13.0	44,300	4460	.61	.78	.93
	780	1650	14.8	50,400	3100	.60	.75	.89	14.2	48,500	3500	.60	.76	.91	13.7	46,600	3950	.61	.78	.93	13.1	44,600	4460	.62	.80	.95
71°F (21.7°C)	685	1450	15.5	52,800	3130	.43	.56	.69	14.9	50,900	3530	.43	.57	.71	14.3	48,900	3980	.43	.58	.72	13.7	46,900	4490	.44	.59	.74
	730	1550	15.6	53,200	3130	.43	.57	.71	15.0	51,300	3530	.44	.58	.72	14.4	49,300	3980	.44	.59	.74	13.9	47,300	4490	.44	.60	.75
	780	1650	15.7	53,600	3140	.44	.58	.73	15.2	51,700	3530	.44	.59	.74	14.6	49,700	3990	.44	.60	.76	14.0	47,600	4490	.45	.61	.77

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

12ACB48 — CB30U-41/46 - CB30M-46

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			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	13.5	45,900	3020	.71	.84	.96	13.0	44,200	3410	.72	.86	.97	12.5	42,500	3860	.73	.87	.99	11.9	40,700	4370	.75	.89	1.00
	660	1400	13.7	46,800	3030	.73	.87	.99	13.2	45,100	3420	.75	.89	1.00	12.7	43,400	3860	.76	.91	1.00	12.2	41,600	4370	.77	.92	1.00
	730	1550	14.0	47,600	3040	.76	.90	1.00	13.5	45,900	3420	.77	.92	1.00	12.9	44,100	3870	.78	.94	1.00	12.4	42,300	4380	.80	.95	1.00
67°F (19.4°C)	590	1250	14.3	48,900	3050	.56	.69	.81	13.8	47,200	3440	.57	.70	.82	13.3	45,300	3880	.57	.71	.84	12.7	43,400	4390	.58	.72	.86
	660	1400	14.6	49,700	3060	.57	.71	.84	14.1	48,000	3450	.58	.72	.86	13.5	46,100	3890	.59	.73	.87	12.9	44,100	4390	.60	.75	.89
	730	1550	14.8	50,400	3060	.59	.73	.87	14.2	48,600	3460	.59	.75	.89	13.7	46,700	3900	.60	.76	.91	13.1	44,700	4400	.61	.78	.93
71°F (21.7°C)	590	1250	15.3	52,200	3080	.42	.54	.66	14.8	50,400	3470	.43	.55	.67	14.2	48,400	3920	.43	.55	.68	13.6	46,400	4420	.43	.56	.69
	660	1400	15.6	53,100	3090	.43	.56	.68	15.0	51,200	3480	.43	.56	.70	14.4	49,200	3930	.43	.57	.71	13.8	47,100	4430	.44	.58	.72
	730	1550	15.8	53,800	3100	.43	.57	.71	15.2	51,800	3490	.43	.58	.72	14.6	49,800	3940	.44	.59	.74	14.0	47,700	4440	.44	.60	.75

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

12ACB48 — CB29M-51

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	615	1300	13.7	46,800	3040	.72	.85	.97	13.2	45,100	3440	.73	.87	.98	12.7	43,400	3890	.74	.88	.99	12.2	41,600	4390	.76	.90	1.00
	685	1450	14.0	47,700	3050	.74	.88	.99	13.5	46,000	3440	.75	.90	1.00	13.0	44,200	3890	.77	.92	1.00	12.4	42,400	4400	.78	.93	1.00
	755	1600	14.2	48,500	3060	.77	.91	1.00	13.7	46,800	3450	.78	.93	1.00	13.2	44,900	3900	.79	.95	1.00	12.6	43,100	4400	.81	.96	1.00
67°F (19.4°C)	615	1300	14.6	49,900	3070	.56	.69	.82	14.1	48,100	3460	.57	.70	.83	13.5	46,200	3910	.58	.72	.85	13.0	44,200	4410	.59	.73	.87
	685	1450	14.8	50,600	3080	.58	.72	.85	14.3	48,800	3470	.58	.73	.87	13.7	46,900	3910	.59	.74	.88	13.2	44,900	4420	.60	.76	.90
	755	1600	15.0	51,300	3080	.59	.74	.88	14.5	49,500	3470	.60	.75	.90	13.9	47,500	3920	.61	.77	.92	13.3	45,400	4430	.62	.79	.94
71°F (21.7°C)	615	1300	15.6	53,200	3100	.42	.55	.67	15.0	51,300	3500	.43	.55	.68	14.4	49,300	3950	.43	.56	.69	13.9	47,300	4450	.43	.57	.70
	685	1450	15.8	54,000	3110	.43	.56	.69	15.3	52,100	3510	.43	.57	.70	14.7	50,100	3960	.43	.58	.72	14.0	47,900	4460	.44	.59	.73
	755	1600	16.0	54,700	3120	.43	.58	.72	15.4	52,700	3510	.44	.58	.73	14.9	50,700	3960	.44	.59	.75	14.2	48,500	4470	.44	.60	.76

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

12ACB48 — CB29M-65

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°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	14.0	47,700	3040	.73	.87	.99	13.5	46,000	3430	.75	.89	1.00	13.0	44,200	3870	.76	.91	1.00	12.4	42,400	4380	.77	.92	1.00
	755	1600	14.3	48,700	3050	.77	.91	1.00	13.8	47,000	3440	.78	.93	1.00	13.2	45,200	3890	.79	.95	1.00	12.7	43,300	4390	.81	.96	1.00
	850	1800	14.6	49,700	3060	.80	.95	1.00	14.1	48,000	3450	.81	.96	1.00	13.5	46,100	3890	.83	.98	1.00	13.0	44,300	4400	.84	.99	1.00
67°F (19.4°C)	660	1400	14.9	50,700	3070	.57	.71	.84	14.3	48,900	3460	.58	.72	.86	13.7	46,900	3900	.59	.73	.87	13.2	45,000	4410	.60	.75	.89
	755	1600	15.1	51,600	3070	.59	.74	.88	14.6	49,800	3460	.60	.75	.90	14.0	47,800	3910	.61	.77	.92	13.4	45,700	4420	.62	.79	.94
	850	1800	15.4	52,400	3080	.61	.77	.92	14.8	50,500	3480	.62	.79	.94	14.2	48,400	3920	.63	.80	.95	13.6	46,400	4430	.64	.82	.97
71°F (21.7°C)	660	1400	15.9	54,100	3100	.43	.56	.68	15.3	52,200	3490	.43	.56	.70	14.7	50,100	3940	.43	.57	.71	14.1	48,000	4440	.44	.58	.72
	755	1600	16.1	55,000	3110	.43	.58	.72	15.6	53,100	3500	.44	.58	.73	14.9	51,000	3950	.44	.59	.75	14.3	48,800	4460	.44	.60	.76
	850	1800	16.3	55,700	3120	.44	.60	.75	15.8	53,800	3510	.44	.60	.76	15.1	51,600	3960	.45	.62	.78	14.4	49,300	4470	.45	.63	.80

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

RATINGS

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

12ACB48 — CB30U-51 - CB30M-51

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts 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	14.0	47,900	3050	.73	.87	.99	13.5	46,100	3430	.74	.89	1.00	13.0	44,300	3870	.76	.90	1.00	12.4	42,400	4370	.77	.92	1.00
	755	1600	14.4	49,000	3060	.76	.91	1.00	13.8	47,200	3440	.78	.93	1.00	13.3	45,300	3890	.79	.95	1.00	12.7	43,400	4390	.81	.97	1.00
	850	1800	14.7	50,000	3060	.79	.95	1.00	14.1	48,200	3450	.81	.96	1.00	13.6	46,300	3900	.82	.98	1.00	13.0	44,400	4400	.84	1.00	1.00
67°F (19.4°C)	660	1400	14.9	51,000	3080	.57	.71	.84	14.4	49,200	3470	.58	.72	.85	13.8	47,200	3910	.58	.73	.87	13.2	45,100	4410	.59	.75	.89
	755	1600	15.3	52,100	3090	.59	.74	.88	14.7	50,100	3480	.60	.75	.90	14.1	48,000	3920	.61	.77	.92	13.5	45,900	4420	.62	.78	.94
	850	1800	15.5	52,900	3100	.61	.77	.92	14.9	50,900	3490	.62	.78	.94	14.3	48,800	3930	.63	.80	.95	13.7	46,600	4430	.64	.82	.97
71°F (21.7°C)	660	1400	16.0	54,500	3120	.43	.55	.68	15.4	52,600	3510	.43	.56	.69	14.8	50,400	3950	.43	.57	.71	14.1	48,200	4450	.44	.58	.72
	755	1600	16.3	55,500	3130	.43	.57	.71	15.7	53,500	3520	.44	.58	.73	15.0	51,300	3970	.44	.59	.74	14.4	49,100	4470	.44	.60	.76
	850	1800	16.5	56,300	3140	.44	.59	.75	15.9	54,300	3530	.44	.60	.76	15.2	52,000	3980	.45	.61	.78	14.6	49,700	4480	.45	.63	.80

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

12ACB48 — CB30U-65 - CB30M-65

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°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	14.0	47,900	3060	.73	.87	.99	13.5	46,200	3450	.74	.89	1.00	13.0	44,300	3890	.76	.90	1.00	12.4	42,400	4400	.77	.92	1.00
	755	1600	14.4	49,000	3070	.76	.91	1.00	13.8	47,200	3460	.78	.93	1.00	13.3	45,300	3910	.79	.95	1.00	12.7	43,400	4410	.81	.97	1.00
	850	1800	14.7	50,000	3080	.79	.95	1.00	14.1	48,200	3470	.81	.96	1.00	13.6	46,300	3920	.82	.98	1.00	13.0	44,400	4420	.84	1.00	1.00
67°F (19.4°C)	660	1400	15.0	51,100	3090	.57	.70	.84	14.4	49,200	3480	.58	.72	.85	13.8	47,200	3930	.58	.73	.87	13.2	45,100	4430	.59	.75	.89
	755	1600	15.3	52,100	3100	.59	.74	.88	14.7	50,100	3500	.60	.75	.90	14.1	48,100	3940	.61	.77	.91	13.5	45,900	4440	.62	.78	.94
	850	1800	15.5	52,900	3110	.61	.77	.92	14.9	50,900	3510	.62	.78	.94	14.3	48,800	3950	.63	.80	.95	13.7	46,600	4460	.64	.82	.97
71°F (21.7°C)	660	1400	16.0	54,600	3130	.43	.55	.68	15.4	52,600	3530	.43	.56	.69	14.8	50,500	3970	.43	.57	.70	14.2	48,300	4480	.43	.58	.72
	755	1600	16.3	55,600	3150	.43	.57	.71	15.7	53,500	3540	.44	.58	.73	15.0	51,300	3990	.44	.59	.74	14.4	49,100	4490	.44	.60	.76
	850	1800	16.5	56,400	3160	.44	.59	.75	15.9	54,300	3550	.44	.60	.76	15.2	52,000	4000	.45	.61	.78	14.6	49,700	4500	.45	.63	.80

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

12ACB48 — CB31MV-51

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°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)	670	1425	14.0	47,900	3050	.74	.88	.99	13.5	46,200	3440	.75	.90	1.00	13.0	44,300	3880	.76	.91	1.00	12.4	42,400	4380	.78	.93	1.00
	765	1625	14.3	48,900	3060	.77	.92	1.00	13.8	47,100	3450	.78	.93	1.00	13.2	45,200	3890	.80	.95	1.00	12.7	43,300	4390	.81	.97	1.00
	850	1805	14.6	49,800	3070	.79	.95	1.00	14.1	48,000	3460	.81	.97	1.00	13.5	46,100	3900	.83	.98	1.00	13.0	44,200	4400	.84	1.00	1.00
67°F (19.4°C)	670	1425	14.9	51,000	3080	.57	.71	.85	14.4	49,100	3470	.58	.72	.86	13.8	47,100	3910	.59	.74	.88	13.2	45,000	4420	.60	.75	.90
	765	1625	15.2	51,900	3090	.59	.74	.88	14.6	49,900	3480	.60	.76	.90	14.0	47,900	3930	.61	.77	.92	13.4	45,800	4430	.62	.79	.94
	850	1805	15.4	52,600	3100	.61	.77	.92	14.8	50,600	3490	.62	.79	.94	14.2	48,500	3930	.63	.80	.96	13.6	46,400	4440	.64	.82	.98
71°F (21.7°C)	670	1425	16.0	54,500	3120	.43	.56	.69	15.4	52,500	3510	.43	.57	.70	14.8	50,400	3960	.43	.57	.71	14.1	48,200	4460	.44	.58	.73
	765	1625	16.2	55,400	3130	.43	.58	.72	15.6	53,300	3530	.44	.58	.73	15.0	51,100	3970	.44	.59	.75	14.3	48,900	4470	.44	.61	.76
	850	1805	16.4	56,100	3140	.44	.59	.75	15.8	54,000	3530	.44	.60	.76	15.2	51,700	3980	.45	.61	.78	14.5	49,400	4480	.45	.63	.80

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

12ACB48 — CB31MV-65

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°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)	670	1425	14.2	48,400	3070	.74	.88	.99	13.7	46,600	3450	.75	.90	1.00	13.1	44,700	3900	.76	.91	1.00	12.5	42,800	4400	.78	.93	1.00
	765	1625	14.4	49,300	3070	.77	.92	1.00	13.9	47,500	3470	.78	.93	1.00	13.4	45,600	3910	.80	.95	1.00	12.8	43,700	4420	.81	.97	1.00
	850	1805	14.7	50,200	3080	.79	.95	1.00	14.2	48,400	3470	.81	.97	1.00	13.6	46,500	3920	.83	.98	1.00	13.1	44,600	4430	.84	1.00	1.00
67°F (19.4°C)	670	1425	15.1	51,500	3100	.57	.71	.85	14.5	49,600	3490	.58	.72	.86	14.0	47,600	3930	.59	.74	.88	13.3	45,500	4440	.60	.75	.90
	765	1625	15.4	52,400	3110	.59	.74	.88	14.8	50,400	3500	.60	.76	.90	14.2	48,300	3950	.61	.77	.92	13.5	46,200	4450	.62	.79	.94
	850	1805	15.6	53,100	3110	.61	.77	.92	15.0	51,100	3510	.62	.79	.94	14.4	49,000	3950	.63	.80	.96	13.7	46,800	4460	.64	.82	.98
71°F (21.7°C)	670	1425	16.1	55,000	3140	.43	.56	.69	15.5	53,000	3530	.43	.57	.70	14.9	50,900	3980	.43	.57	.71	14.2	48,600	4480	.44	.58	.73
	765	1625	16.4	55,900	3150	.43	.58	.72	15.8	53,800	3540	.44	.58	.73	15.1	51,600	3990	.44	.59	.75	14.5	49,400	4490	.44	.61	.76
	850	1805	16.6	56,600	3160	.44	.59	.75	16.0	54,500	3550	.44	.60	.76	15.3	52,200	4000	.45	.61	.78	14.6	49,900	4500	.45	.63	.80

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

RATINGS

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

12ACB48 — CVP10-51/EC10Q4

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°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	13.6	46,300	3020	.72	.86	.98	13.1	44,700	3410	.73	.88	.99	12.6	42,900	3850	.75	.89	1.00	12.0	41,100	4350	.76	.91	1.00
	755	1600	13.9	47,400	3030	.75	.90	1.00	13.4	45,700	3420	.77	.92	1.00	12.9	43,900	3860	.78	.94	1.00	12.3	42,100	4360	.80	.95	1.00
	850	1800	14.2	48,400	3040	.78	.94	1.00	13.7	46,700	3430	.80	.95	1.00	13.2	44,900	3870	.82	.97	1.00	12.6	43,000	4370	.83	.99	1.00
67°F (19.4°C)	660	1400	14.5	49,400	3050	.57	.70	.83	14.0	47,600	3440	.57	.71	.84	13.4	45,700	3880	.58	.72	.86	12.8	43,700	4380	.59	.74	.88
	755	1600	14.7	50,300	3060	.58	.73	.87	14.2	48,500	3450	.59	.74	.89	13.7	46,600	3890	.60	.76	.91	13.0	44,500	4390	.61	.77	.93
	850	1800	15.0	51,200	3070	.60	.76	.91	14.4	49,200	3460	.61	.78	.93	13.8	47,200	3900	.62	.79	.94	13.2	45,200	4400	.63	.81	.96
71°F (21.7°C)	660	1400	15.4	52,600	3090	.43	.55	.67	14.9	50,800	3480	.43	.56	.68	14.3	48,800	3920	.43	.56	.70	13.7	46,700	4420	.43	.57	.71
	755	1600	15.7	53,600	3100	.43	.57	.71	15.2	51,700	3490	.43	.58	.72	14.5	49,600	3930	.44	.59	.73	13.9	47,500	4430	.44	.60	.75
	850	1800	15.9	54,400	3110	.44	.59	.74	15.4	52,400	3500	.44	.60	.75	14.7	50,300	3940	.44	.61	.77	14.1	48,100	4440	.45	.62	.79

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

12ACB48 — CVP10-65/EC10Q5

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts 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	14.0	47,900	3030	.73	.87	.99	13.5	46,200	3410	.75	.89	1.00	13.0	44,400	3850	.76	.91	1.00	12.5	42,500	4350	.77	.92	1.00
	755	1600	14.4	49,000	3040	.77	.92	1.00	13.9	47,300	3420	.78	.93	1.00	13.3	45,400	3860	.79	.95	1.00	12.7	43,500	4360	.81	.97	1.00
	850	1800	14.7	50,100	3040	.80	.95	1.00	14.2	48,300	3430	.81	.97	1.00	13.6	46,500	3870	.83	.98	1.00	13.1	44,600	4370	.85	1.00	1.00
67°F (19.4°C)	660	1400	14.9	50,900	3050	.57	.71	.84	14.4	49,000	3440	.58	.72	.86	13.8	47,100	3880	.59	.73	.87	13.2	45,100	4380	.60	.75	.89
	755	1600	15.2	51,900	3060	.59	.74	.88	14.7	50,000	3450	.60	.76	.90	14.1	48,000	3890	.61	.77	.92	13.5	45,900	4390	.62	.79	.94
	850	1800	15.4	52,700	3070	.61	.78	.92	14.9	50,800	3460	.62	.79	.94	14.3	48,700	3900	.63	.81	.96	13.7	46,600	4410	.64	.83	.98
71°F (21.7°C)	660	1400	15.9	54,300	3090	.43	.56	.68	15.3	52,300	3480	.43	.56	.69	14.7	50,300	3920	.43	.57	.71	14.1	48,100	4420	.44	.58	.72
	755	1600	16.2	55,300	3110	.43	.58	.72	15.6	53,300	3490	.44	.58	.73	15.0	51,100	3940	.44	.59	.75	14.3	48,900	4430	.44	.61	.76
	850	1800	16.4	56,100	3120	.44	.60	.75	15.8	54,000	3500	.44	.61	.77	15.2	51,800	3950	.45	.62	.79	14.5	49,500	4450	.45	.63	.80

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

12ACB60 — C26-51/65

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	660	1400	15.4	52,500	3840	.68	.80	.91	14.9	50,800	4330	.69	.81	.93	14.4	49,000	4890	.70	.83	.94	13.7	46,900	5510	.71	.84	.96
	755	1600	15.8	53,900	3850	.70	.83	.95	15.3	52,100	4340	.71	.85	.96	14.7	50,200	4900	.72	.86	.98	14.1	48,100	5530	.73	.88	.99
	850	1800	16.1	55,000	3860	.72	.86	.98	15.6	53,100	4350	.74	.88	.99	15.0	51,200	4920	.75	.89	1.00	14.4	49,100	5540	.76	.91	1.00
67°F (19.4°C)	660	1400	16.5	56,200	3870	.54	.66	.77	15.9	54,400	4360	.55	.66	.78	15.4	52,400	4930	.55	.67	.79	14.7	50,300	5550	.56	.68	.81
	755	1600	16.9	57,500	3890	.56	.68	.80	16.3	55,600	4380	.56	.69	.81	15.7	53,600	4940	.57	.70	.83	15.1	51,400	5570	.57	.71	.84
	850	1800	17.2	58,600	3900	.57	.70	.83	16.6	56,700	4390	.57	.71	.85	16.0	54,500	4950	.58	.72	.86	15.3	52,300	5580	.59	.74	.88
71°F (21.7°C)	660	1400	17.6	60,100	3910	.42	.52	.63	17.0	58,100	4400	.42	.53	.64	16.4	56,100	4970	.42	.53	.64	15.8	53,800	5590	.42	.54	.66
	755	1600	18.0	61,500	3920	.42	.54	.65	17.4	59,400	4420	.42	.54	.66	16.8	57,300	4980	.42	.55	.67	16.1	55,000	5610	.43	.55	.68
	850	1800	18.3	62,600	3930	.43	.55	.67	17.7	60,500	4430	.43	.56	.68	17.1	58,200	4990	.43	.56	.70	16.4	55,800	5620	.43	.57	.71

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

12ACB60 — C33-60D - C23-51/65

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	800	1700	16.7	57,000	3790	.72	.86	.97	16.1	55,100	4280	.73	.87	.99	15.6	53,100	4820	.75	.89	1.00	14.9	50,900	5440	.76	.91	1.00
	895	1900	17.0	58,100	3790	.75	.89	1.00	16.4	56,100	4280	.76	.91	1.00	15.8	54,000	4840	.77	.92	1.00	15.2	51,800	5450	.79	.94	1.00
	990	2100	17.3	59,000	3810	.77	.92	1.00	16.7	57,000	4290	.78	.94	1.00	16.1	54,900	4840	.80	.95	1.00	15.4	52,700	5460	.82	.97	1.00
67°F (19.4°C)	800	1700	17.8	60,600	3820	.57	.70	.83	17.2	58,600	4310	.57	.71	.84	16.5	56,400	4860	.58	.72	.86	15.8	54,000	5470	.59	.73	.88
	895	1900	18.0	61,500	3830	.58	.72	.86	17.4	59,400	4320	.59	.73	.88	16.8	57,200	4870	.59	.75	.89	16.1	54,800	5480	.60	.76	.91
	990	2100	18.3	62,300	3830	.59	.75	.89	17.6	60,200	4320	.60	.76	.91	17.0	57,900	4880	.61	.78	.93	16.2	55,400	5490	.62	.79	.94
71°F (21.7°C)	800	1700	18.9	64,500	3850	.43	.55	.67	18.3	62,300	4340	.43	.56	.68	17.6	60,000	4900	.43	.56	.70	16.9	57,600	5510	.43	.57	.71
	895	1900	19.2	65,400	3870	.43	.56	.70	18.5	63,200	4350	.43	.57	.71	17.8	60,900	4900	.44	.58	.72	17.1	58,400	5520	.44	.59	.74
	990	2100	19.4	66,200	3870	.44	.58	.73	18.8	64,000	4360	.44	.59	.74	18.0	61,500	4910	.44	.60	.75	17.3	59,000	5530	.45	.61	.77

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

RATINGS

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

12ACB60 — C33-62 - C26-65EAP — CH33-62D-F - CH23-68

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	755	1600	16.6	56,800	3880	.71	.85	.96	16.1	54,900	4360	.72	.86	.98	15.5	52,800	4930	.73	.87	.99	14.9	50,700	5550	.75	.89	1.00
	850	1800	17.0	58,000	3880	.74	.88	.99	16.4	56,000	4380	.75	.89	1.00	15.8	53,900	4940	.76	.91	1.00	15.1	51,600	5570	.78	.93	1.00
	945	2000	17.3	59,000	3890	.76	.91	1.00	16.7	57,000	4390	.77	.93	1.00	16.1	54,800	4950	.79	.94	1.00	15.4	52,600	5580	.80	.96	1.00
67°F (19.4°C)	755	1600	17.7	60,500	3910	.56	.69	.81	17.1	58,400	4400	.57	.70	.82	16.5	56,200	4960	.57	.71	.84	15.8	53,900	5590	.58	.72	.86
	850	1800	18.0	61,500	3920	.57	.71	.85	17.4	59,400	4410	.58	.72	.86	16.8	57,200	4980	.59	.74	.88	16.0	54,700	5600	.60	.75	.90
	945	2000	18.3	62,400	3920	.59	.74	.88	17.7	60,300	4420	.60	.75	.90	17.0	57,900	4980	.60	.76	.91	16.3	55,500	5610	.61	.78	.93
71°F (21.7°C)	755	1600	18.9	64,500	3950	.42	.54	.66	18.3	62,300	4440	.42	.55	.67	17.6	60,000	5000	.43	.55	.68	16.9	57,500	5630	.43	.56	.70
	850	1800	19.2	65,600	3960	.43	.56	.69	18.6	63,300	4450	.43	.56	.70	17.8	60,900	5010	.43	.57	.71	17.1	58,400	5640	.44	.58	.73
	945	2000	19.5	66,500	3960	.43	.57	.71	18.8	64,200	4460	.44	.58	.73	18.1	61,700	5020	.44	.59	.74	17.3	59,100	5650	.44	.60	.76

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

12ACB60 — 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)	710	1500	15.9	54,200	3840	.70	.83	.95	15.4	52,400	4330	.71	.85	.96	14.8	50,500	4890	.72	.86	.97	14.2	48,400	5520	.74	.88	.99
	800	1700	16.2	55,400	3850	.73	.87	.98	15.7	53,600	4340	.74	.88	.99	15.1	51,600	4900	.75	.90	1.00	14.5	49,500	5530	.76	.91	1.00
	895	1900	16.5	56,300	3860	.75	.90	1.00	16.0	54,500	4350	.76	.91	1.00	15.4	52,500	4910	.78	.93	1.00	14.8	50,400	5540	.79	.95	1.00
67°F (19.4°C)	710	1500	16.9	57,700	3870	.56	.68	.80	16.4	55,800	4360	.56	.69	.81	15.7	53,700	4920	.57	.70	.83	15.1	51,600	5550	.57	.71	.84
	800	1700	17.2	58,700	3880	.57	.70	.83	16.6	56,800	4370	.58	.71	.85	16.0	54,700	4930	.58	.73	.86	15.4	52,400	5560	.59	.74	.88
	895	1900	17.4	59,500	3890	.58	.73	.87	16.9	57,600	4380	.59	.74	.88	16.2	55,400	4940	.60	.75	.90	15.6	53,100	5570	.61	.77	.92
71°F (21.7°C)	710	1500	18.0	61,400	3900	.42	.54	.65	17.4	59,400	4400	.42	.54	.66	16.8	57,200	4960	.43	.55	.67	16.1	55,000	5590	.43	.56	.68
	800	1700	18.3	62,400	3910	.43	.55	.68	17.7	60,400	4410	.43	.56	.69	17.1	58,200	4970	.43	.57	.70	16.4	55,900	5600	.43	.57	.72
	895	1900	18.6	63,300	3920	.43	.57	.71	17.9	61,200	4420	.43	.58	.72	17.3	58,900	4980	.44	.58	.73	16.6	56,500	5610	.44	.59	.75

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

12ACB60 — 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)	850	1800	16.7	57,000	3870	.74	.88	.99	16.1	55,100	4360	.75	.89	1.00	15.5	53,000	4930	.76	.91	1.00	14.9	50,800	5550	.78	.93	1.00
	945	2000	17.0	57,900	3880	.76	.91	1.00	16.4	56,000	4370	.78	.93	1.00	15.8	53,900	4940	.79	.94	1.00	15.2	51,700	5560	.81	.96	1.00
	1040	2200	17.2	58,800	3890	.79	.94	1.00	16.6	56,800	4380	.80	.95	1.00	16.1	54,800	4940	.82	.97	1.00	15.4	52,600	5570	.83	.99	1.00
67°F (19.4°C)	850	1800	17.7	60,400	3900	.58	.71	.85	17.1	58,300	4400	.58	.73	.86	16.4	56,100	4960	.59	.74	.88	15.8	53,800	5590	.60	.75	.90
	945	2000	17.9	61,200	3910	.59	.74	.88	17.3	59,100	4410	.60	.75	.90	16.7	56,900	4970	.61	.77	.91	16.0	54,500	5590	.61	.78	.93
	1040	2200	18.1	61,900	3920	.60	.77	.91	17.5	59,800	4410	.61	.78	.93	16.9	57,500	4970	.62	.79	.95	16.1	55,100	5600	.63	.81	.96
71°F (21.7°C)	850	1800	18.8	64,300	3940	.43	.56	.69	18.2	62,100	4430	.43	.57	.70	17.5	59,800	5000	.43	.57	.71	16.8	57,300	5620	.44	.58	.73
	945	2000	19.1	65,100	3950	.43	.57	.72	18.4	62,900	4440	.44	.58	.73	17.7	60,500	5000	.44	.59	.74	17.0	58,000	5630	.44	.60	.76
	1040	2200	19.3	65,800	3950	.44	.59	.74	18.6	63,500	4450	.44	.60	.76	17.9	61,100	5010	.45	.61	.77	17.1	58,500	5640	.45	.62	.79

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

12ACB60 — CH33-60D-F- 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)	850	1800	16.6	56,700	3860	.75	.89	.99	16.1	54,800	4360	.76	.90	1.00	15.5	52,800	4920	.77	.92	1.00	14.9	50,700	5540	.78	.94	1.00
	945	2000	16.9	57,700	3870	.77	.92	1.00	16.4	55,800	4360	.78	.93	1.00	15.8	53,800	4930	.80	.95	1.00	15.1	51,600	5550	.81	.97	1.00
	1040	2200	17.2	58,600	3880	.80	.95	1.00	16.6	56,700	4370	.81	.96	1.00	16.0	54,600	4930	.83	.98	1.00	15.4	52,500	5560	.84	.99	1.00
67°F (19.4°C)	850	1800	17.6	60,000	3890	.58	.72	.86	17.0	58,000	4390	.59	.73	.87	16.3	55,700	4950	.59	.75	.89	15.7	53,500	5570	.60	.76	.91
	945	2000	17.8	60,800	3900	.60	.75	.89	17.2	58,700	4400	.60	.76	.91	16.6	56,500	4960	.61	.78	.92	15.9	54,200	5580	.62	.79	.94
	1040	2200	18.0	61,500	3900	.61	.78	.92	17.4	59,400	4400	.62	.79	.94	16.7	57,100	4960	.63	.80	.95	16.1	54,800	5590	.64	.82	.97
71°F (21.7°C)	850	1800	18.7	63,700	3930	.43	.56	.70	18.1	61,600	4420	.43	.57	.71	17.4	59,300	4980	.43	.58	.72	16.7	56,900	5610	.44	.59	.74
	945	2000	18.9	64,500	3940	.44	.58	.73	18.3	62,400	4430	.44	.59	.74	17.6	60,000	4990	.44	.60	.75	16.9	57,600	5620	.45	.61	.77
	1040	2200	19.1	65,200	3940	.44	.60	.75	18.5	63,000	4440	.44	.61	.77	17.8	60,600	5000	.45	.62	.78	17.0	58,100	5620	.45	.63	.80

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

RATINGS

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

12ACB60 — CB29M-51

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°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)	825	1750	16.6	56,500	3890	.74	.88	.99	16.0	54,700	4390	.75	.90	1.00	15.4	52,700	4960	.77	.91	1.00	14.8	50,500	5600	.78	.93	1.00
	850	1800	16.6	56,700	3890	.75	.89	.99	16.1	54,900	4390	.76	.91	1.00	15.5	52,900	4960	.77	.92	1.00	14.9	50,800	5600	.79	.94	1.00
	875	1850	16.7	57,000	3890	.75	.90	1.00	16.1	55,100	4400	.77	.91	1.00	15.6	53,100	4970	.78	.93	1.00	14.9	51,000	5600	.80	.95	1.00
67°F (19.4°C)	825	1750	17.6	59,900	3920	.58	.72	.85	17.0	57,900	4420	.58	.73	.87	16.4	55,800	4990	.59	.74	.88	15.7	53,500	5630	.60	.76	.90
	850	1800	17.6	60,100	3920	.58	.72	.86	17.0	58,100	4430	.59	.74	.88	16.4	56,000	5000	.60	.75	.89	15.7	53,700	5630	.60	.76	.91
	875	1850	17.7	60,300	3920	.59	.73	.87	17.1	58,300	4430	.59	.74	.88	16.5	56,200	5000	.60	.76	.90	15.8	53,800	5630	.61	.77	.92
71°F (21.7°C)	825	1750	18.7	63,800	3960	.43	.56	.69	18.1	61,700	4460	.43	.57	.70	17.4	59,400	5030	.43	.58	.72	16.7	57,000	5660	.44	.59	.73
	850	1800	18.8	64,000	3960	.43	.57	.70	18.1	61,900	4460	.43	.57	.71	17.5	59,600	5030	.44	.58	.73	16.8	57,200	5670	.44	.59	.74
	875	1850	18.8	64,200	3960	.43	.57	.71	18.2	62,100	4460	.43	.58	.72	17.5	59,800	5030	.44	.59	.73	16.8	57,400	5670	.44	.59	.75

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

12ACB60 — CB29M-65

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17.2°C)	755	1600	16.3	55,500	3870	.72	.86	.97	15.7	53,700	4370	.73	.87	.98	15.2	51,700	4940	.75	.89	.99	14.5	49,600	5570	.76	.91	1.00
	850	1800	16.6	56,500	3880	.75	.89	.99	16.0	54,700	4380	.76	.91	1.00	15.4	52,700	4950	.77	.92	1.00	14.8	50,600	5580	.79	.94	1.00
	945	2000	16.9	57,500	3890	.77	.92	1.00	16.3	55,600	4390	.79	.94	1.00	15.7	53,600	4960	.80	.95	1.00	15.1	51,500	5590	.82	.97	1.00
67°F (19.4°C)	755	1600	17.3	58,900	3900	.57	.70	.83	16.7	57,000	4400	.57	.71	.84	16.1	54,900	4970	.58	.72	.86	15.4	52,700	5600	.59	.73	.87
	850	1800	17.6	59,900	3910	.58	.72	.86	17.0	57,900	4410	.59	.74	.88	16.4	55,800	4980	.60	.75	.89	15.6	53,400	5610	.60	.76	.91
	945	2000	17.8	60,700	3920	.60	.75	.89	17.2	58,600	4420	.60	.76	.91	16.6	56,500	4990	.61	.78	.92	15.9	54,100	5620	.62	.79	.94
71°F (21.7°C)	755	1600	18.4	62,800	3940	.43	.55	.67	17.8	60,700	4440	.43	.56	.68	17.1	58,500	5010	.43	.56	.70	16.5	56,200	5640	.43	.57	.71
	850	1800	18.7	63,700	3950	.43	.57	.70	18.1	61,700	4450	.43	.57	.71	17.4	59,400	5020	.44	.58	.73	16.7	57,000	5650	.44	.59	.74
	945	2000	18.9	64,500	3960	.44	.58	.73	18.3	62,400	4460	.44	.59	.74	17.6	60,100	5020	.44	.60	.75	16.9	57,600	5660	.45	.61	.77

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

12ACB60 — CB30U-51 - CB30M-51

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts 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	15.9	54,100	3860	.70	.82	.93	15.3	52,300	4350	.70	.83	.95	14.8	50,400	4920	.71	.85	.96	14.2	48,300	5540	.73	.86	.98
	755	1600	16.3	55,500	3870	.72	.86	.97	15.7	53,600	4370	.73	.87	.98	15.2	51,700	4930	.74	.88	1.00	14.5	49,500	5560	.76	.90	1.00
	850	1800	16.6	56,700	3880	.75	.89	1.00	16.0	54,700	4380	.76	.90	1.00	15.4	52,700	4940	.77	.92	1.00	14.8	50,500	5570	.79	.94	1.00
67°F (19.4°C)	660	1400	16.9	57,800	3890	.55	.67	.79	16.4	55,900	4390	.56	.68	.80	15.8	53,800	4950	.56	.69	.81	15.1	51,600	5580	.57	.70	.83
	755	1600	17.3	59,100	3910	.57	.69	.82	16.7	57,100	4400	.57	.70	.83	16.1	54,900	4970	.58	.72	.85	15.4	52,600	5590	.58	.73	.87
	850	1800	17.6	60,100	3910	.58	.72	.86	17.0	58,100	4410	.59	.73	.87	16.4	55,900	4980	.59	.75	.89	15.7	53,500	5600	.60	.76	.91
71°F (21.7°C)	660	1400	18.1	61,800	3930	.42	.53	.64	17.5	59,700	4430	.42	.54	.65	16.9	57,500	4990	.42	.54	.66	16.2	55,200	5620	.43	.55	.67
	755	1600	18.5	63,000	3950	.43	.55	.67	17.9	61,000	4440	.43	.55	.68	17.2	58,700	5000	.43	.56	.69	16.5	56,200	5630	.43	.57	.70
	850	1800	18.8	64,100	3950	.43	.56	.70	18.1	61,900	4450	.43	.57	.71	17.5	59,600	5010	.43	.58	.72	16.7	57,100	5640	.44	.59	.74

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

12ACB60 — CB31MV-51

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°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)	670	1425	15.9	54,200	3860	.70	.83	.94	15.4	52,400	4350	.71	.84	.96	14.8	50,400	4910	.72	.86	.97	14.2	48,300	5540	.73	.87	.99
	765	1625	16.2	55,400	3870	.72	.86	.98	15.7	53,500	4370	.73	.87	.99	15.1	51,500	4920	.75	.89	1.00	14.4	49,300	5550	.76	.91	1.00
	850	1805	16.5	56,400	3880	.75	.89	1.00	16.0	54,500	4370	.76	.90	1.00	15.4	52,400	4940	.77	.92	1.00	14.7	50,200	5560	.79	.94	1.00
67°F (19.4°C)	670	1425	16.9	57,800	3890	.55	.67	.79	16.4	55,900	4390	.56	.68	.81	15.8	53,800	4950	.56	.69	.82	15.1	51,600	5580	.57	.71	.84
	765	1625	17.3	58,900	3900	.57	.70	.83	16.7	57,000	4400	.57	.71	.84	16.1	54,800	4960	.58	.72	.86	15.4	52,500	5590	.59	.73	.87
	850	1805	17.5	59,800	3910	.58	.72	.86	16.9	57,800	4410	.59	.73	.87	16.3	55,600	4970	.59	.75	.89	15.6	53,200	5600	.60	.76	.91
71°F (21.7°C)	670	1425	18.1	61,800	3930	.42	.54	.65	17.5	59,700	4430	.42	.54	.66	16.9	57,500	4990	.43	.55	.67	16.2	55,200	5620	.43	.55	.68
	765	1625	18.4	62,900	3940	.43	.55	.67	17.8	60,800	4440	.43	.56	.68	17.1	58,500	5000	.43	.56	.69	16.4	56,100	5630	.43	.57	.71
	850	1805	18.7	63,800	3950	.43	.56	.70	18.1	61,600	4450	.43	.57	.71	17.4	59,300	5010	.44	.58	.72	16.6	56,800	5640	.44	.59	.74

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

RATINGS

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

12ACB60 — CB30U-65 - CB30M-65

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°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)	780	1650	16.6	56,700	3900	.73	.86	.98	16.0	54,700	4400	.74	.88	.99	15.4	52,700	4970	.75	.89	1.00	14.8	50,500	5600	.76	.91	1.00
	850	1800	16.9	57,500	3910	.74	.89	1.00	16.3	55,600	4410	.76	.90	1.00	15.7	53,500	4980	.77	.92	1.00	15.0	51,200	5610	.78	.94	1.00
	920	1950	17.1	58,300	3920	.76	.91	1.00	16.5	56,300	4420	.78	.93	1.00	15.9	54,200	4980	.79	.94	1.00	15.2	52,000	5620	.81	.96	1.00
67°F (19.4°C)	780	1650	17.7	60,300	3930	.57	.70	.83	17.1	58,300	4440	.57	.71	.84	16.4	56,100	5000	.58	.72	.86	15.7	53,700	5640	.59	.74	.88
	850	1800	17.9	61,100	3940	.58	.72	.86	17.3	59,000	4450	.59	.73	.87	16.6	56,700	5010	.59	.74	.89	15.9	54,300	5640	.60	.76	.91
	920	1950	18.1	61,800	3950	.59	.74	.88	17.5	59,600	4450	.60	.75	.90	16.8	57,300	5020	.61	.77	.91	16.1	54,900	5650	.62	.78	.93
71°F (21.7°C)	780	1650	18.9	64,400	3970	.43	.55	.67	18.2	62,200	4480	.43	.56	.69	17.5	59,800	5040	.43	.56	.70	16.8	57,300	5680	.43	.57	.71
	850	1800	19.1	65,100	3980	.43	.56	.70	18.4	62,900	4480	.43	.57	.71	17.7	60,500	5050	.43	.58	.72	17.0	58,000	5680	.44	.59	.74
	920	1950	19.3	65,800	3990	.43	.57	.72	18.6	63,500	4490	.44	.58	.73	17.9	61,100	5060	.44	.59	.74	17.1	58,500	5690	.44	.60	.76

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

12ACB60 — CB31MV-65

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb		
	L/s	cfm	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh		75°F 24°C	80°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)	765	1625	16.5	56,300	3910	.72	.86	.97	15.9	54,300	4400	.73	.87	.98	15.4	52,400	4970	.74	.88	1.00	14.7	50,200	5600	.76	.90	1.00
	850	1805	16.8	57,400	3910	.75	.89	1.00	16.3	55,500	4410	.76	.90	1.00	15.6	53,400	4980	.77	.92	1.00	15.0	51,200	5610	.79	.94	1.00
	945	2005	17.1	58,400	3920	.77	.92	1.00	16.6	56,500	4420	.78	.94	1.00	15.9	54,400	4990	.80	.95	1.00	15.3	52,100	5620	.82	.97	1.00
67°F (19.4°C)	765	1625	17.6	60,000	3940	.57	.69	.82	17.0	57,900	4440	.57	.71	.84	16.3	55,700	5010	.58	.72	.85	15.6	53,400	5640	.59	.73	.87
	850	1805	17.9	61,000	3950	.58	.72	.86	17.3	58,900	4450	.59	.73	.87	16.6	56,700	5020	.59	.75	.89	15.9	54,200	5650	.60	.76	.91
	945	2005	18.1	61,900	3950	.59	.75	.89	17.5	59,700	4460	.60	.76	.91	16.8	57,400	5030	.61	.78	.92	16.1	55,000	5650	.62	.79	.94
71°F (21.7°C)	765	1625	18.8	64,000	3970	.43	.55	.67	18.1	61,800	4480	.43	.55	.68	17.4	59,500	5050	.43	.56	.69	16.7	57,000	5680	.43	.57	.71
	850	1805	19.0	65,000	3990	.43	.56	.70	18.4	62,800	4490	.43	.57	.71	17.7	60,400	5050	.44	.58	.72	17.0	57,900	5690	.44	.59	.74
	945	2005	19.3	65,900	3990	.44	.58	.72	18.6	63,600	4490	.44	.59	.74	17.9	61,100	5060	.44	.60	.75	17.2	58,600	5700	.45	.61	.77

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

12ACB60 — CVP10-65/EC10Q5

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil																					
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Compressor Motor Watts 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)	780	1650	16.4	56,000	3790	.73	.87	.98	15.9	54,100	4270	.74	.88	.99	15.3	52,100	4820	.75	.90	1.00	14.7	50,000	5440	.77	.91	1.00
	875	1850	16.7	57,100	3800	.76	.90	1.00	16.2	55,200	4290	.77	.92	1.00	15.6	53,200	4840	.78	.93	1.00	14.9	51,000	5450	.80	.95	1.00
	965	2050	17.0	58,100	3810	.78	.93	1.00	16.5	56,200	4290	.80	.95	1.00	15.9	54,100	4850	.81	.96	1.00	15.2	52,000	5460	.83	.98	1.00
67°F (19.4°C)	780	1650	17.4	59,400	3820	.57	.70	.83	16.8	57,300	4310	.58	.72	.85	16.2	55,200	4860	.58	.73	.86	15.5	53,000	5470	.59	.74	.88
	875	1850	17.7	60,300	3830	.59	.73	.87	17.1	58,300	4320	.59	.75	.89	16.4	56,100	4870	.60	.76	.90	15.8	53,800	5480	.61	.77	.92
	965	2050	17.9	61,100	3840	.60	.76	.91	17.3	59,100	4330	.61	.77	.92	16.7	56,900	4870	.62	.79	.94	16.0	54,500	5490	.63	.81	.96
71°F (21.7°C)	780	1650	18.5	63,200	3860	.43	.55	.68	17.9	61,100	4340	.43	.56	.69	17.3	58,900	4900	.43	.57	.70	16.5	56,400	5510	.43	.58	.72
	875	1850	18.8	64,200	3870	.43	.57	.71	18.2	62,000	4350	.43	.58	.72	17.5	59,700	4900	.44	.59	.74	16.8	57,200	5520	.44	.60	.75
	965	2050	19.0	65,000	3870	.44	.59	.74	18.4	62,700	4360	.44	.60	.75	17.7	60,400	4910	.44	.61	.77	17.0	57,900	5530	.45	.62	.78

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