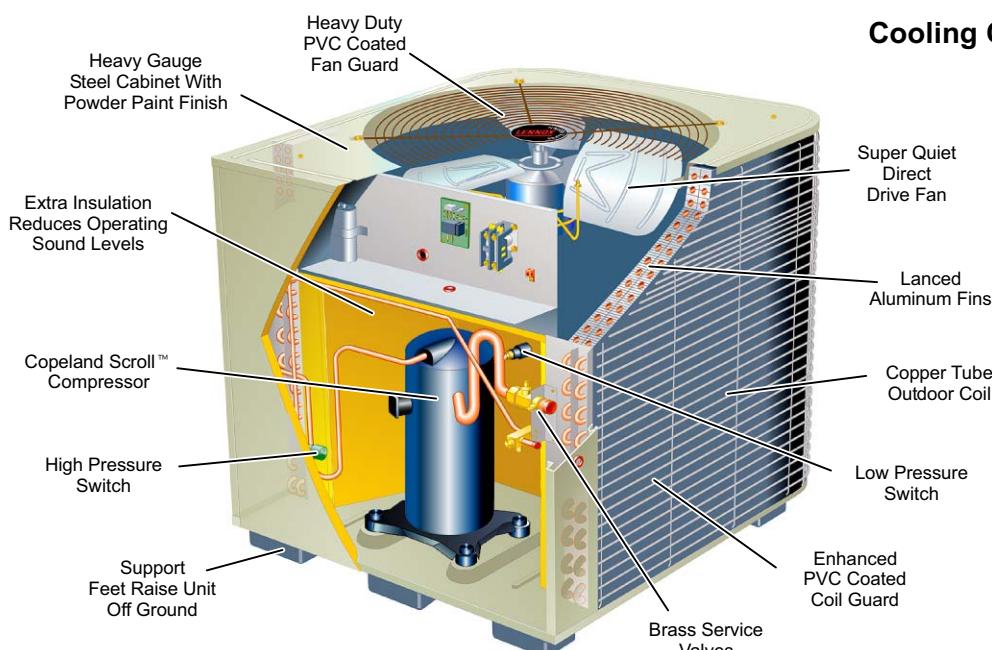
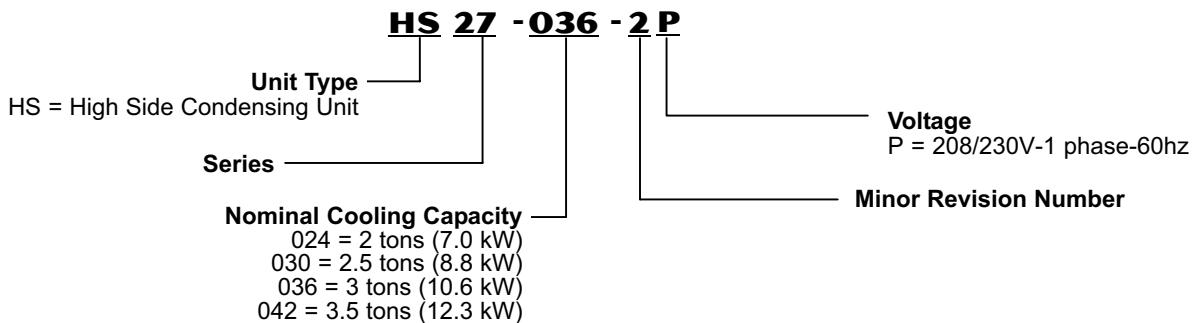


LENNOX**ENGINEERING DATA**REGISTERED
QUALITY
SYSTEMSCERTIFICATION APPLIES ONLY
WHEN THE COMPLETE
SYSTEM IS LISTED
WITH ARI**MODEL NUMBER IDENTIFICATION****FEATURES****CONTENTS**

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APPLICATION

SEER's of up to 15.90.
2 through 3.5 ton (7.0 through 12.3 kW).
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 tables.
Units shipped completely factory assembled, piped and wired.
Each unit is test operated at the factory ensuring proper operation.
Installer must set condensing unit, connect refrigerant lines and make electrical connections to complete job.

Visit us at www.lennox.com
For the latest technical information, www.davenet.com

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

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FEATURES

EQUIPMENT WARRANTY

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

APPROVALS

Certified in accordance with USE certification program which is based on ARI Standard 210/240.
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 and CEC.
Units are UL and ULC listed.
Developed in accordance with ISO 9002 quality standards.
ISO 9001 Registered Manufacturing Quality System.
ENERGY STAR® certified units are designed to use less energy, help save money on utility bills, and help protect the environment.

REFRIGERATION SYSTEM

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 is inherently protected.
Motor totally enclosed for maximum protection from weather, dust and corrosion.
Rain shield on motor provides additional protection from moisture.
Corrosion resistant PVC (polyvinyl chloride) coated steel wire fan guard is furnished as standard.
Fan service access accomplished by removal of fan guard.

Copper Tube/Enhanced Fin Coil

Lennox designed and fabricated coil.
Ripple-edged aluminum fins.
Copper tube construction.
Wrap around "U" shaped configuration provides extra large surface area with low air resistance.
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 (polyvinyl chloride) coated steel wire coil guard furnished as standard.

CONTROLS

High Pressure Switch

Shuts off unit if abnormal operating conditions cause the discharge pressure to rise above setting.
Protects compressor from excessive condensing pressure.
Manual reset.

Low Pressure Switch

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

COPELAND 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 be worked toward the center and discharged. Low gas pulses during compression reduces operational sound levels.

Compressor motor is internally protected from excessive current and temperature.

Compressor is installed in the unit on resilient rubber mounts for vibration free operation.

CABINET

Heavy gauge galvanized steel cabinet with five station metal wash process.

Baked-on outdoor enamel paint finish provides superior rust and corrosion protection.

Painted base section.

Compressor and control box located in a separate compartment insulated with thick fiberglass insulation. Compartment provides protection from the weather and keeps sound transmission at a minimum.

Control box is conveniently located with all controls factory wired.
Large removable panel provides service access.

Drainage holes are provided in base section for moisture removal.
High density polyethylene feet raise the unit off of the mounting surface away from damaging moisture.

Non-corrosive PVC (polyvinyl chloride) coated steel wire condenser coil guard is furnished.

Refrigerant Line Connections, Electrical Inlets, Service Valves

Suction and liquid lines are located inside of the cabinet and are made with sweat connections. See dimension drawing.

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.

Suction and liquid line service valves and gauge ports are located inside the cabinet.

Refrigerant line connections and field wiring inlets are located in one central area of the cabinet. See dimension drawing.

OPTIONAL ACCESSORIES - MUST BE ORDERED EXTRA

CONTROLS

FreezeStat

Installs on or near the discharge line of the evaporator or on the suction line.
Senses suction line temperature and cycles the compressor off when suction line temperature falls below its setpoint.
Opens at 29°F (-2°C) and closes at 58°F (14°C).

Low Ambient Kit

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

Thermostat

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

Time Delay Relay Kit

Delays the indoor blower-off time during the cooling cycle.
See ARI Rating Tables for usage.

REFRIGERATION SYSTEM

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.

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.
22-1/4 x 22-1/4 x 3 in. (565 x 565 x 76 mm) shipping weight 6 lbs.
(3 kg) each.

COMPRESSOR

Compressor Low Ambient Cut-Out

Non-adjustable switch (low ambient cut-out) prevents compressor operation when outdoor temperature is below 35°F (2°C).

Crankcase Heater

Crankcase heater prevents migration of liquid refrigerant into compressor and ensures proper compressor lubrication.

Compressor Hard Start Kit

Single-phase units are equipped with a PSC compressor motor. This type of motor normally doesn't need a potential relay and start capacitor.

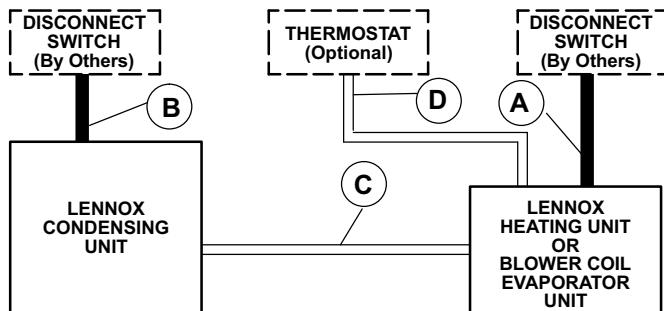
In conditions such as low voltage, this kit may be required to increase the compressor starting torque.

Compressor Timed-Off Control

Prevents compressor short-cycling and allows time for suction and discharge pressure to equalize, permitting the compressor to start in an unloaded condition.

Automatic reset control provides a five minute time delay between compressor shutoff and start-up.

FIELD WIRING



A — Two or Three Wire Power (not furnished)

B — Two Power (not furnished) — See Electrical Data

C — Two Wire Low Voltage (not furnished) — 18 ga. minimum

D — Four Wire Low Voltage (not furnished) — 18 ga. minimum

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

OUTDOOR SOUND DATA

1 Unit Model No.	Octave Band Sound Power Levels dBA, re 10 ⁻¹² Watts							1 Sound Rating Number (dB)
	125	250	500	1000	2000	4000	8000	
HS27-024	71	71	70	69	63	58	53	72
HS27-030	73	70	71	69	62	56	49	72
HS27-036	72	71	71	69	65	60	55	72
HS27-042	75	73	72	70	65	60	55	74

NOTE - the octave sound power data does not include tonal correction.

¹ Tested according to ARI Standard 270-95 test conditions.

SPECIFICATIONS

General Data	Model No.	HS27-024	HS27-030	HS27-036	HS27-042
	Nominal Size - Tons (kW)	2 (7.0)	2.5 (8.58)	3 (10.6)	3.5 (12.3)
Connections (sweat)	Liquid line o.d. - in. (mm)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)
	Suction line o.d. - in. (mm)	3/4 (19)	3/4 (19)	7/8 (22.2)	7/8 (22.2)
1 Refrigerant (HCFC-22) furnished		6 lbs. 10 oz. (3.0 kg)	6 lbs. 6 oz. (2.89 kg)	9 lbs. 15 oz. (4.51 kg)	9 lbs. 15 oz. (4.51 kg)
Condenser Coil	Net face area - sq. ft. (m ²) - Outer coil	16.04 (1.49)	16.04 (1.49)	21.77 (2.02)	21.77 (2.02)
	Inner coil	13.33 (1.24)	13.33 (1.24)	21.11 (1.96)	21.11 (1.96)
	Tube diameter - in. (mm)	5/16 (8)	5/16 (8)	5/16 (8)	5/16 (8)
	No. of rows	2	2	2	2
	Fins per inch (m)	22 (866)	22 (866)	22 (866)	22 (866)
Condenser Fan	Diameter - in. (mm) & no. of blades	24 (610) - 3	24 (610) - 3	24 (610) - 3	24 (610) - 3
	Motor hp (W)	1/10 (75)	1/10 (75)	1/6 (124)	1/6 (124)
	Cfm (L/s)	2500 (1180)	2500 (1180)	3000 (1415)	3000 (1415)
	Rpm	825	825	825	825
	Watts	165	165	210	210
Shipping Data	lbs. (kg) 1 package	226 (103)	227 (103)	273 (124)	275 (125)

ELECTRICAL DATA

Electrical Data (60 hz)	Line voltage data	208/230V-1ph	208/230V-1ph	208/230V-1ph	208/230V-1ph
² Maximum overcurrent protection (amps)	20	25	30	35	
³ Minimum circuit ampacity	13.8	16.2	17.9	21.6	
Compressor	Rated load amps	10.3	12.2	13.5	16.5
	Power factor	.96	.96	.96	.97
	Locked rotor amps	56	61	73	95
Condenser Coil Fan Motor	Full load amps	0.9	0.9	1.0	1.0
	Locked rotor amps	1.6	1.6	2.5	2.5

OPTIONAL ACCESSORIES - MUST BE ORDERED EXTRA

Compressor Crankcase Heater	90P12	90P12	90P12	90P12
Compressor Hard Start Kit	10J42	10J42	10J42	10J42
Compressor Low Ambient Cut-Off	45F08	45F08	45F08	45F08
Compressor Time-Off Control	47J27	47J27	47J27	47J27
Freeze stat	3/8 in. tubing	93G35	93G35	93G35
	1/2 in. tubing	39H29	39H29	39H29
	5/8 in. tubing	50A93	50A93	50A93
Low Ambient Kit		24H77	24H77	24H77
Mounting Base - Net Weight - lbs. (kg)	MB2-L (69J07) 15 (7)	MB2-L (69J07) 15 (7)	MB2-L (69J07) 15 (7)	MB2-L (69J07) 15 (7)
Refrigerant Line Set	15 ft. (4.6 m) length	L15-41-15	L15-41-15	L15-65-15
	20 ft. (6 m) length	L15-41-20	L15-41-20	Not Available
	30 ft. (9.1 m) length	L15-41-30	L15-41-30	L15-65-30
	40 ft. (12.2 m) length	L15-41-40	L15-41-40	L15-65-40
	50 ft. (15.2 m) length	L15-41-50	L15-41-50	L15-65-50
Time Delay Relay Kit		58M81	58M81	58M81

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

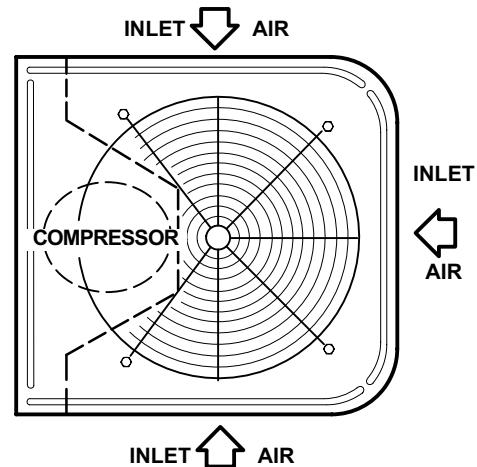
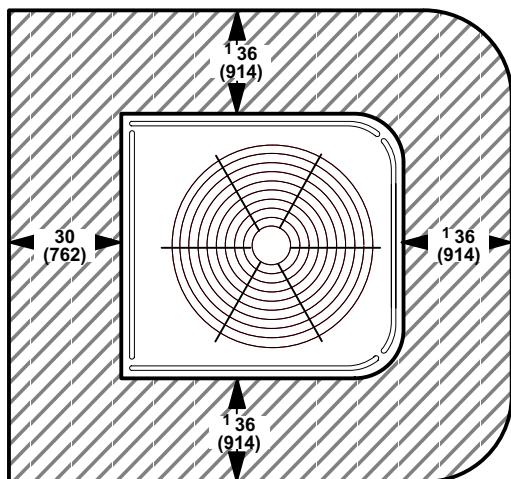
¹ Refrigerant charge is sufficient for 15 ft. (4.6 m) length line set.

² HACR type circuit breaker or fuse.

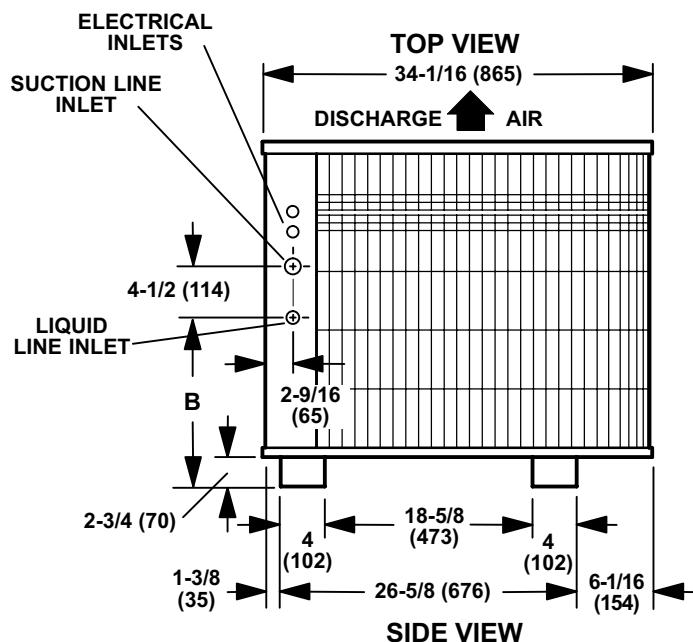
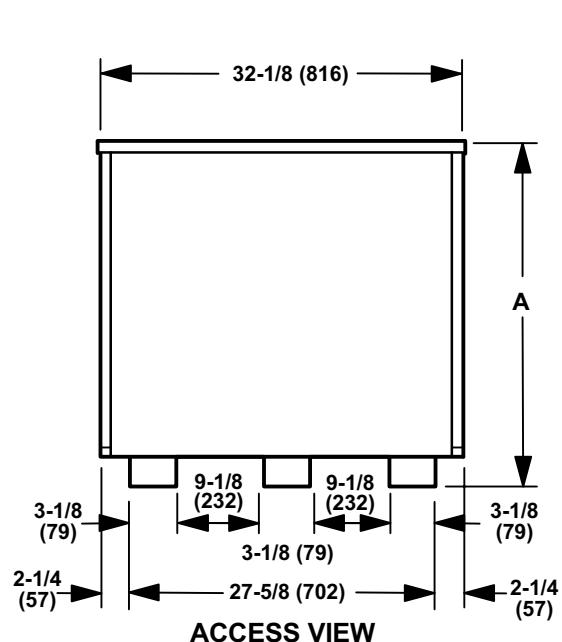
³ Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements.

DIMENSIONS - INCHES (MM)

INSTALLATION CLEARANCES



¹ One side of unit may be 12 in. (305 mm)
One of the remaining sides may be 6 in. (152 mm)
NOTE - 48 in (1219 mm) clearance required on top of unit
NOTE - 24 in. (610 mm) required between two units



Model No.		A	B
HS27-024	in.	30-7/8	14
HS27-030	mm	784	356
HS27-036	in.	40-7/8	20
HS27-042	mm	1038	508

ARI RATINGS
2 TON

Outdoor Unit Model No. Unit Size ¹ Sound Rating Number	² ARI Standard 210/240 Ratings					Indoor Unit Model No.	Thermal Expansion Valve		
	Cooling Capacity		Efficiency		Total Unit Watts				
	Btuh	kW	SEER	EER					
HS27-024 2 Ton (72 dB)	Up-Flow Coils	22,400	6.6	12.70	10.80	2075	³ C33-18A	26K34 Order separately	
		23,000	6.7	12.50	11.45	2005	C26-21	Factory Installed	
		23,200	6.8	12.80	11.55	2005	C23-26	26K34 Order separately	
		23,600	6.9	13.10	11.75	2010	C23-31	26K34 Order separately	
		23,600	6.9	13.20	11.75	2010	C26-26	Factory Installed	
		23,800	7.0	13.50	11.45	2075	³ C33-24A/B/C	26K34 Order separately	
		23,800	7.0	13.30	11.85	2010	C23-41	26K34 Order separately	
		24,400	7.2	13.80	11.75	2075	³ C33-30A/B/C	26K34 Order separately	
		24,400	7.2	13.90	11.85	2060	³ C33-36A/B/C	26K34 Order separately	
		24,400	7.2	13.90	11.85	2060	³ C33-42B	26K34 Order separately	
		24,400	7.2	13.50	12.15	2010	C23-46	26K34 Order separately	
		25,000	7.3	14.00	12.45	2010	C26-31	Factory Installed	
		25,100	7.4	14.10	12.50	2010	C26-41	Factory Installed	
		25,600	7.5	14.40	12.30	2080	^{3,4} C33-38B	26K34 Order separately	
Up-Flow Coils/Furnace	Up-Flow Coils/Furnace	24,400	7.2	14.70	12.40	1965	³ C33-24B/C with ⁵ G61MPV-36B/C	26K34 Order separately	
		24,800	7.3	15.00	12.60	1970	³ C33-30B/C with ⁵ G61MPV-36B/C	26K34 Order separately	
		25,200	7.4	15.15	12.80	1965	³ C33-36B with G61MPV-36B-070	26K34 Order separately	
		26,200	7.7	15.65	13.35	1965	³ C33-38B with G61MPV-36B-070	26K34 Order separately	
		24,800	7.3	14.85	12.55	1975	³ C33-24A/B with ⁵ G60UHV-36A/B	26K34 Order separately	
		25,400	7.4	15.20	12.85	1975	³ C33-30A/B with ⁵ G60UHV-36A/B	26K34 Order separately	
		25,600	7.5	15.35	13.00	1970	³ C33-36A/B with ⁵ G60UHV-36A/B	26K34 Order separately	
		26,600	7.8	15.90	13.45	1980	³ C33-38A/B with ⁵ G60UHV-36A/B	26K34 Order separately	
Down-Flow Coils	Down-Flow Coils	22,400	6.6	12.70	10.80	2075	³ CR26-18N-F	26K34 Order separately	
		24,400	7.2	13.85	11.75	2075	³ CR26-30N-F	26K34 Order separately	
		25,000	7.3	14.15	12.00	2080	³ CR26-36N/W-F	26K34 Order separately	
Down-Flow Coils/Furnace	Down-Flow Coils/Furnace	25,600	7.5	15.35	13.05	1965	³ CR26-36W-F with G61MPV-36B-070	26K34 Order separately	
		24,200	7.1	14.90	12.55	1930	³ CR26-30N-F with G60DFV-36A-070	26K34 Order separately	
		24,800	7.3	15.20	12.85	1930	³ CR26-36N-F with G60DFV-36A-070	26K34 Order separately	
		24,800	7.3	15.20	12.85	1930	³ CR26-36W-F with G60DFV-36B-090	26K34 Order separately	
Horizontal Coils	Horizontal Coils	23,000	6.7	13.05	11.10	2075	³ CH23-21	26K34 Order separately	
		23,400	6.9	13.20	11.30	2075	³ CH23-31	26K34 Order separately	
		24,200	7.1	13.65	11.65	2075	³ CH33-24/30A-2F	26K34 Order separately	
		24,400	7.2	13.80	11.75	2075	³ CH33-36A-2F	26K34 Order separately	
		24,400	7.2	13.75	11.75	2075	³ CH33-36B-2F	26K34 Order separately	
		24,600	7.2	13.90	11.85	2080	³ CH33-36C-2F	26K34 Order separately	
		24,800	7.3	14.00	12.00	2070	³ CH23-41	26K34 Order separately	
		25,600	7.5	14.40	12.30	2080	³ CH33-44/48B-2F	26K34 Order separately	
Horizontal Coils/Furnace	Horizontal Coils/Furnace	23,600	6.9	14.20	12.05	1960	³ CH23-21 with ⁵ G61MPV-36B/C	26K34 Order separately	
		23,800	7.0	14.40	12.10	1965	³ CH23-31 with ⁵ G61MPV-36B/C	26K34 Order separately	
		25,000	7.3	15.10	12.70	1965	³ CH33-36C-2F with G61MPV-36C-090	26K34 Order separately	
		25,200	7.4	15.20	12.80	1965	³ CH23-41 with ⁵ G61MPV-36B/C	26K34 Order separately	
		25,200	7.4	15.15	12.85	1960	³ CH33-36B-2F with G61MPV-36B-070	26K34 Order separately	
		25,800	7.6	15.50	13.15	1965	³ CH33-42B-2F with G61MPV-36B-070	26K34 Order separately	
		23,800	7.0	14.45	12.20	1950	³ CH23-21 with ⁵ G60UHV-36A/B	26K34 Order separately	
		24,000	7.0	14.60	12.35	1945	³ CH23-31 with ⁵ G60UHV-36A/B	26K34 Order separately	
		25,000	7.3	15.00	12.70	1970	³ CH33-24/30A-2F with G60UHV-36A-070	26K34 Order separately	
		25,400	7.4	15.40	13.05	1950	³ CH23-41 with ⁵ G60UHV-36A/B	26K34 Order separately	
		25,600	7.5	15.35	13.00	1970	³ CH33-36A/B-2F with ⁵ G60UHV-36A/B	26K34 Order separately	
		26,400	7.7	15.75	13.35	1975	³ CH33-42B-2F with ⁵ G60UHV-36B	26K34 Order separately	
Blower Coil Units	Blower Coil Units	23,400	6.9	12.80	11.55	2020	CB29M-21/26 (Multi-Position)	Factory Installed	
		24,200	7.1	13.20	11.75	2055	CB29M-41 (Multi-Position)	Factory Installed	
		24,400	7.2	13.20	11.75	2075	CB29M-31 (Multi-Position)	Factory Installed	
		24,400	7.2	14.05	12.55	2020	CB30M-21/26 (Multi-Position)	Factory Installed	
		24,400	7.2	14.05	12.55	2020	CB30U-21/26 (Up-Flow)	Factory Installed	
		25,000	7.3	14.70	13.00	1975	CB30M-31 (Multi-Position)	Factory Installed	
		25,000	7.3	14.70	13.00	1975	CB30U-31 (Up-Flow)	Factory Installed	
		23,200	6.8	13.35	11.35	2040	^{3,6} CVP10-26/EC10Q3 (Up-Flow)	Factory Installed	
		23,600	6.9	13.65	11.55	2040	^{3,6} CVP10-31/EC10Q3 (Up-Flow)	Factory Installed	
		24,000	7.0	13.85	11.75	2040	^{3,6} CVP10-41/EC10Q3 (Up-Flow)	Factory Installed	

NOTE - Ratings for all C23, C26, and C33 coils include both cased and uncased coils.

¹ Sound Rating Number rated in accordance with test conditions included in ARI Standard 270.

² Certified in accordance with 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 25 ft. (7.6 m) of connecting refrigerant lines.

³ Blower must be capable of time-off blower delay. Time Delay Relay Kit (**58M81**) is recommended for field installation.

⁴ Most popular evaporator coil.

⁵ Includes all heat sizes for this model.

⁶ Canada Only

ARI RATINGS
2.5 TON

Outdoor Unit Model No. Unit Size ¹ Sound Rating Number		² ARI Standard 210/240 Ratings				Indoor Unit Model No.	Thermal Expansion Valve	
		Cooling Capacity		Efficiency				
Btuh	kW	SEER	EER	Total Unit Watts				
HS27-030 2.5 Ton (72 dB)	Up-Flow Coils	26,000	7.6	12.80	11.30	2300	C23-31	
		26,400	7.7	13.10	11.45	2305	C23-41	
		26,400	7.7	13.05	11.45	2305	C26-26	
		27,000	7.9	13.30	11.70	2305	C23-46	
		27,400	8.0	13.55	11.70	2340	³ C33-30A/B/C	
		27,600	8.1	13.75	11.80	2340	³ C33-36A/B/C	
		27,600	8.1	13.75	11.80	2340	³ C33-42B	
		27,800	8.1	13.80	12.05	2310	C23-51	
		27,800	8.1	13.80	12.05	2310	C26-31	
		28,000	8.2	14.00	12.10	2310	C26-41	
		28,400	8.3	14.15	12.10	2345	³ C33-48B/C	
		28,800	8.4	14.30	12.30	2345	^{3,4} C33-38B	
		28,800	8.4	14.25	12.30	2345	³ C33-50/60C	
Up-Flow Coils/Furnace		27,800	8.1	14.65	12.60	2205	³ C33-30B/C with ⁵ G61MPV-36B/C	
		28,000	8.2	14.85	12.65	2210	³ C33-36B with G61MPV-36B-070	
		29,000	8.5	15.45	13.10	2210	³ C33-38B with G61MPV-36B-070	
		27,600	8.1	14.70	12.65	2185	³ C33-30A/B with ⁵ G60UHV-36A/B	
		27,800	8.1	14.90	12.70	2185	³ C33-36A/B with ⁵ G60UHV-36A/B	
		28,800	8.4	15.50	13.15	2190	³ C33-38A/B with ⁵ G60UHV-36A/B	
Down-Flow Coils		27,400	8.0	13.60	11.70	2340	³ CR26-30N-F	
		27,800	8.1	13.90	11.90	2340	³ CR26-36N/W-F	
		28,200	8.3	13.90	12.05	2345	³ CR26-48N/W-F	
Horizontal Coils		25,800	7.6	12.90	11.25	2295	³ CH23-31	
		27,400	8.0	13.55	11.70	2340	³ CH23-41	
		27,600	8.1	13.70	11.80	2340	³ CH33-36A-2F	
		27,600	8.1	13.65	11.80	2340	³ CH33-36C-2F	
		27,800	8.1	13.75	11.90	2340	³ CH33-36B-2F	
		28,200	8.3	14.00	12.05	2345	³ CH23-51	
		28,400	8.3	14.15	12.10	2345	³ CH33-42B-2F	
		28,800	8.4	14.30	12.30	2345	³ CH33-44/48B-2F	
Horizontal Coils/Furnace		26,000	7.6	13.70	11.80	2200	³ CH23-31 with ⁵ G61MPV-36B/C	
		27,800	8.1	14.70	12.60	2205	³ CH23-41 with ⁵ G61MPV-36B/C	
		28,000	8.2	14.80	12.65	2210	³ CH33-36C-2F with G61MPV-36C-090	
		28,200	8.3	14.85	12.75	2210	³ CH33-36B-2F with G61MPV-36B-070	
		28,800	8.4	15.30	13.05	2210	³ CH33-42B-2F with G61MPV-36B-070	
		28,600	8.4	15.15	13.00	2200	³ CH23-51 with ⁵ G61MPV-36B/C	
		29,000	8.5	15.45	13.10	2210	³ CH33-44/48B-2F with G61MPV-36B-070	
		26,400	7.7	14.00	12.10	2185	³ CH23-31 with ⁵ G60UHV-36A/B	
		27,600	8.1	14.70	12.65	2185	³ CH23-41 with ⁵ G60UHV-36A/B	
		27,800	8.1	14.85	12.70	2190	³ CH33-36A-2F with G60UHV-36A-070	
		28,000	8.2	14.85	12.80	2190	³ CH33-36B-2F with G60UHV-36B-090	
		28,400	8.3	15.20	13.00	2185	³ CH23-51 with ⁵ G60UHV-36A/B	
Blower Coil Units		28,600	8.4	15.35	13.05	2190	³ CH33-42B-2F with G60UHV-36B-090	
		28,800	8.4	15.50	13.15	2190	³ CH33-44/48B-2F with G60UHV-36B-090	
		26,200	7.7	13.10	11.15	2350	CB29M-41 (Multi-Position)	
		26,400	7.7	13.00	11.40	2315	CB29M-31 (Multi-Position)	
		27,800	8.1	13.80	12.25	2270	CB30M-21/26 (Multi-Position)	
		27,800	8.1	13.80	12.25	2270	CB30U-21/26 (Up-Flow)	
		28,600	8.4	14.50	12.60	2270	CB30M-41 (Multi-Position)	
		28,600	8.4	14.50	12.60	2270	CB30U-41/46 (Up-Flow)	
		28,800	8.4	14.50	12.80	2255	CB30M-31 (Multi-Position)	
		28,800	8.4	14.50	12.80	2255	CB30U-31 (Up-Flow)	
Blower Coil Units		29,200	8.6	15.50	13.55	2155	CB31MV-41 (Multi-Position)	
		26,200	7.7	13.00	11.40	2305	^{3,7} CVP10-31/EC10Q3 (Up-Flow)	
		26,400	7.7	13.10	11.45	2305	^{3,7} CVP10-41/EC10Q3 (Up-Flow)	

NOTE - Ratings for all C23, C26, and C33 coils include both cased and uncased coils.

¹ Sound Rating Number rated in accordance with test conditions included in ARI Standard 270.

² Certified in accordance with 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 25 ft. (7.6 m) of connecting refrigerant lines.

³ Blower must be capable of time-off blower delay. Time Delay Relay Kit (**58M81**) is recommend for field installation.

⁴ Most popular evaporator coil.

⁵ Includes all heat sizes for this model.

⁶ Factory installed expansion valve on indoor unit MUST be replaced with valve specified.

⁷ Canada Only

ARI RATINGS
3 TON

Outdoor Unit Model No. Unit Size ¹ Sound Rating Number	² ARI Standard 210/240 Ratings					Indoor Unit Model No.	Thermal Expansion Valve		
	Cooling Capacity		Efficiency		Total Unit Watts				
	Btuh	kW	SEER	EER					
HS27-036 3 Ton (72 dB)	Up-Flow Coils	32,400	9.5	13.00	11.35	2860	C23-31		
		32,800	9.6	13.10	11.45	2860	C23-41		
		33,600	9.8	13.70	11.75	2855	³ C33-36A/B/C		
		33,600	9.8	13.50	11.75	2865	C23-46		
		33,600	9.8	13.70	11.75	2855	³ C33-42B		
		34,800	10.2	13.80	12.10	2875	C23-51		
		34,800	10.2	14.10	12.15	2865	³ C33-44C		
		35,000	10.3	14.15	12.20	2865	³ C33-44/48B/C		
		35,200	10.3	14.00	12.30	2860	C26-41		
		35,200	10.3	14.25	12.30	2865	³ C33-38A/B		
		35,200	10.3	14.30	12.30	2865	^{3,4} C33-50/60C		
		35,600	10.4	14.20	12.35	2880	C26-51/65		
Up-Flow Coils/Furnace	Up-Flow Coils/Furnace	34,000	10.0	14.35	12.35	2755	³ C33-36B/C with ⁵ G61MPV-36B/C		
		35,400	10.4	14.90	12.80	2765	³ C33-38B with G61MPV-36B-070		
		34,000	10.0	14.50	12.40	2745	³ C33-36A/B with ⁵ G60UHV-36A/B		
		35,800	10.5	15.30	13.10	2735	³ C33-38A/B with ⁵ G60UHV-36A/B		
Down-Flow Coils	Down-Flow Coils	34,000	10.0	13.80	11.90	2860	³ CR26-36N/W-F		
		34,000	10.0	13.85	11.90	2860	³ CR26-48N/W-F		
		35,000	10.3	14.20	12.20	2865	³ CR26-60N/W-F		
Down-Flow Coils/Furnace	Down-Flow Coils/Furnace	34,200	10.0	14.50	12.40	2755	³ CR26-36W-F with ⁵ G61MPV-36B/C		
		34,200	10.0	14.50	12.40	2755	³ CR26-48N-F with ⁵ G61MPV-36B/C		
		35,200	10.3	14.90	12.75	2765	³ CR26-60N-F with G61MPV-36C-090		
		34,200	10.0	14.30	12.25	2795	³ CR26-36N-F with G60DFV-36A-070		
		34,200	10.0	14.30	12.25	2795	³ CR26-36W-F with G60DFV-36B-090		
		34,400	10.1	14.30	12.30	2795	³ CR26-48N-F with G60DFV-36B-090		
Horizontal Coils	Horizontal Coils	31,400	9.2	13.00	11.20	2805	³ CH23-31		
		33,400	9.8	13.60	11.70	2850	³ CH33-36C-2F		
		33,600	9.8	13.65	11.75	2860	³ CH23-41		
		33,600	9.8	13.65	11.75	2855	³ CH33-36A/B-2F		
		34,600	10.1	14.00	12.10	2860	³ CH23-51		
		34,600	10.1	14.15	12.20	2840	³ CH33-42B-2F		
		35,000	10.3	14.15	12.20	2865	³ CH23-65		
		35,200	10.3	14.30	12.30	2865	³ CH33-44/48B-2F		
		35,400	10.4	14.40	12.35	2870	³ CH33-60D-2F		
		35,800	10.5	14.50	12.45	2870	³ CH33-50/60C-2F		
Horizontal Coils/Furnace	Horizontal Coils/Furnace	32,200	9.4	13.65	11.75	2745	³ CH23-31 with ⁵ G61MPV-36B/C		
		33,600	9.8	14.30	12.20	2750	³ CH33-36C-2F with G61MPV-36C-090		
		33,800	9.9	14.35	12.30	2750	³ CH33-36B-2F with G61MPV-36B-090		
		34,000	10.0	14.30	12.35	2755	³ CH23-41 with ⁵ G61MPV-36B/C		
		34,800	10.2	14.70	12.60	2760	³ CH23-51 with ⁵ G61MPV-36B/C		
		36,000	10.6	15.20	13.00	2765	³ CH33-50/60C-2F with G61MPV-36C-090		
		32,200	9.4	13.75	11.75	2735	³ CH23-31 with ⁵ G60UHV-36A/B		
		34,000	10.0	14.45	12.40	2745	³ CH23-41 with ⁵ G60UHV-36A/B		
		34,000	10.0	14.45	12.40	2740	³ CH33-36A/B-2F with ⁵ G60UHV-36A/B		
		35,000	10.3	14.80	12.75	2750	³ CH23-51 with ⁵ G60UHV-36A/B		
		35,200	10.3	14.90	12.80	2750	³ CH33-42B-2F with G60UHV-36B-090		
		35,400	10.4	15.00	12.85	2755	³ CH23-65 with ⁵ G60UHV-36A/B		
		35,800	10.5	15.30	13.10	2735	³ CH33-44/48B-2F with G60UHV-36B-090		
Blower Coil Units	Blower Coil Units	32,400	9.5	13.30	11.65	2775	CB29M-31 (Multi-Position)		
		32,600	9.6	13.00	11.25	2895	CB29M-41 (Multi-Position)		
		33,800	9.9	13.50	11.75	2870	CB29M-46 (Multi-Position)		
		34,000	10.0	13.05	11.45	2975	CB29M-51 (Multi-Position)		
		34,200	10.0	13.50	11.75	2910	CB29M-65 (Multi-Position)		
		34,800	10.2	14.25	12.35	2800	CB30M-41 (Multi-Position)		
		34,800	10.2	14.25	12.35	2800	CB30U-41/46 (Up-Flow)		
		34,800	10.2	14.30	12.63	2755	CB30M-31 (Multi-Position)		
		34,800	10.2	14.30	12.63	2755	CB30U-31 (Up-Flow)		
		35,000	10.3	14.50	12.65	2765	CB30M-46 (Multi-Position)		
		35,200	10.3	14.50	12.60	2790	CB30M-51 (Multi-Position)		
		35,200	10.3	14.50	12.60	2790	CB30U-51 (Up-Flow)		
		35,200	10.3	15.00	13.00	2710	CB31MV-41 (Multi-Position)		
		35,600	10.4	15.60	13.50	2635	CB31MV-51 (Multi-Position)		
NOTE - Ratings for all C23, C26, and C33 coils include both cased and uncased coils.	1 Sound Rating Number rated in accordance with test conditions included in ARI Standard 270.	3, 7 CVP10-41/EC10Q3 (Up-Flow)	3, 7 CVP10-46/EC10Q4 (Up-Flow)	2855	Factory Installed	6 26K34 Order separately	6 26K34 Order separately		
2 Certified in accordance with 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 25 ft. (7.6 m) of connecting refrigerant lines.	3 Blower must be capable of time-off blower delay. Time Delay Relay Kit (58M81) is recommended for field installation.	4 Most popular evaporator coil.	5 Includes all heat sizes for this model.	6 Factory installed expansion valve on indoor unit MUST be replaced with valve specified.	6 26K34 Order separately	6 26K34 Order separately	6 26K34 Order separately		
7 Canada Only.				2855	Factory Installed	6 26K34 Order separately	6 26K34 Order separately		

ARI RATINGS
3.5 TON

Outdoor Unit Model No. Unit Size ¹ Sound Rating Number	² ARI Standard 210/240 Ratings					Indoor Unit Model No.	Thermal Expansion Valve	
	Cooling Capacity Btuh	kW	Efficiency SEER	EER	Total Unit Watts			
HS27-042 3.5 Ton (74 dB)	Up-Flow Coils	38,200	11.2	12.80	11.15	3430	C23-41	26K35 Order separately
		38,500	11.3	13.30	11.30	3410	³ C33-42B	26K35 Order separately
		39,200	11.5	13.10	11.45	3430	C23-46	26K35 Order separately
		40,000	11.7	13.80	11.70	3420	³ C33-44C	26K35 Order separately
		40,200	11.8	13.30	11.70	3440	C26-41	Factory Installed
		40,500	11.9	13.90	11.85	3420	³ C33-48B/C	26K35 Order separately
		40,600	11.9	13.50	11.80	3440	C26-46	Factory Installed
		41,000	12.0	14.05	12.00	3420	³ C33-50/60C	26K35 Order separately
		41,000	12.0	14.15	12.00	3420	^{3,4} C33-60D	26K35 Order separately
		41,200	12.1	14.00	11.90	3455	C26-51/65	Factory Installed
		41,500	12.2	14.25	12.10	3430	³ C33-62D	26K35 Order separately
		41,600	12.2	13.80	12.05	3455	C23-51/65	26K35 Order separately
	Up-Flow Coils/Furnace	41,000	12.0	14.55	12.35	3320	³ C33-44C with ⁵ G61MPV-60C	26K35 Order separately
		41,000	12.0	14.65	12.35	3325	³ C33-48C with ⁵ G61MPV-60C	26K35 Order separately
		41,500	12.2	14.75	12.45	3330	³ C33-50/60C with ⁵ G61MPV-60C	26K35 Order separately
		40,500	11.9	14.90	12.45	3250	³ C33-44C with ⁵ G60UHV-60C	26K35 Order separately
		41,000	12.0	15.00	12.60	3250	³ C33-48C with ⁵ G60UHV-60C	26K35 Order separately
		41,500	12.2	15.15	12.75	3255	³ C33-50/60C with ⁵ G60UHV-60C	26K35 Order separately
	Down-Flow Coils	39,000	11.4	13.45	11.40	3415	³ CR26-36N/W-F	26K35 Order separately
		39,500	11.6	13.60	11.55	3415	³ CR26-48N/W-F	26K35 Order separately
		40,500	11.9	13.90	11.80	3425	³ CR26-60N/W-F	26K35 Order separately
	Down-Flow Coils/Furnace	39,500	11.6	14.20	12.00	3295	³ CR26-36W-F with ⁵ G61MPV-60C	26K35 Order separately
		40,000	11.7	14.35	12.10	3305	³ CR26-48N-F with ⁵ G61MPV-60C	26K35 Order separately
		40,000	11.7	14.35	12.10	3305	³ CR26-48W-F with G61MPV-60D-135	26K35 Order separately
		41,500	12.2	14.70	12.45	3335	³ CR26-60N-F with ⁵ G61MPV-60C	26K35 Order separately
		41,500	12.2	14.70	12.45	3335	³ CR26-60W-F with G61MPV-60D-135	26K35 Order separately
		39,500	11.6	14.20	12.00	3295	³ CR26-36W-F with ⁵ G60DFV-60C	26K35 Order separately
		40,000	11.7	14.35	12.10	3305	³ CR26-48N-F with ⁵ G60DFV-60C	26K35 Order separately
	Horizontal Coils	39,500	11.6	13.60	11.55	3415	³ CH23-41	26K35 Order separately
		39,500	11.6	13.65	11.55	3420	³ CH23-51	26K35 Order separately
		40,000	11.7	13.80	11.70	3420	³ CH23-65	26K35 Order separately
		40,500	11.9	14.00	11.80	3425	³ CH33-44/48B-2F	26K35 Order separately
		41,500	12.2	14.30	12.10	3435	³ CH23-68	26K35 Order separately
		41,500	12.2	14.05	12.00	3465	³ CH33-48C-2F	26K35 Order separately
		41,500	12.2	14.25	12.10	3430	³ CH33-50/60C-2F	26K35 Order separately
	Horizontal Coils/Furnace	40,500	11.9	14.40	12.20	3320	³ CH23-51 with ⁵ G61MPV-60C/D	26K35 Order separately
		41,000	12.0	14.55	12.35	3320	³ CH23-65 with ⁵ G61MPV-60C/D	26K35 Order separately
		41,500	12.2	14.80	12.45	3330	³ CH33-48C with ⁵ G61MPV-60C	26K35 Order separately
		42,000	12.3	15.00	12.60	3335	³ CH33-50/60C-2F with ⁵ G61MPV-60C	26K35 Order separately
		42,500	12.5	15.05	12.70	3340	³ CH23-68 with ⁵ G61MPV-60C/D	26K35 Order separately
		40,000	11.7	14.75	12.35	3245	³ CH23-51 with ⁵ G60UHV-60C/D	26K35 Order separately
		40,500	11.9	14.90	12.45	3250	³ CH23-65 with ⁵ G60UHV-60C/D	26K35 Order separately
		41,500	12.2	15.25	12.80	3240	³ CH33-48C-2F with ⁵ G60UHV-60C	26K35 Order separately
		42,000	12.3	15.35	12.90	3260	³ CH23-68 with ⁵ G60UHV-60C/D	26K35 Order separately
		42,000	12.3	15.35	12.90	3260	³ CH33-50/60C-2F with ⁵ G60UHV-60C	26K35 Order separately
	Blower Coil Units	39,600	11.6	13.30	11.65	3400	CB29M-46 (Multi-Position) CB30M-41 (Multi-Position)	Factory Installed
		40,400	11.8	13.80	12.05	3355	CB31MV-41 (Multi-Position)	Factory Installed
		40,400	11.8	14.30	12.35	3270	CB31MV-41 (Multi-Position)	Factory Installed
		40,600	11.9	14.10	12.25	3320	CB30M-46 (Multi-Position)	Factory Installed
		40,600	11.9	14.10	12.25	3320	CB30U-41/46 (Up-Flow)	Factory Installed
		40,600	11.9	13.00	11.35	3580	CB29M-51 (Multi-Position)	Factory Installed
		41,000	12.0	13.30	11.70	3505	CB29M-65 (Multi-Position)	Factory Installed
		41,000	12.0	14.10	12.25	3350	CB30M-51 (Multi-Position)	Factory Installed
		41,000	12.0	14.10	12.25	3350	CB30U-51 (Up-Flow)	Factory Installed
		42,000	12.3	15.00	12.90	3260	CB31MV-51 (Multi-Position)	Factory Installed
		42,400	12.4	14.20	12.35	3440	CB30M-65 (Multi-Position)	Factory Installed
		42,400	12.4	14.20	12.35	3440	CB30U-65 (Up-Flow)	Factory Installed
		43,200	12.7	15.35	13.20	3270	CB31MV-65 (Multi-Position)	Factory Installed
		39,000	11.4	13.45	11.45	3410	^{3,6} CVP10-46/EC10Q4 (Up-Flow)	Factory Installed
		39,500	11.6	13.60	11.55	3415	^{3,6} CVP10-51/EC10Q4/5 (Up-Flow)	Factory Installed

NOTE - Ratings for all C23, C26, and C33 coils include both cased and uncased coils.

¹ Sound Rating Number rated in accordance with test conditions included in ARI Standard 270.

² Certified in accordance with 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 25 ft. (7.6 m) of connecting refrigerant lines.

³ Blower must be capable of time-off blower delay. Time Delay Relay Kit (**58M81**) is recommend for field installation.

⁴ Most popular evaporator coil.

⁵ Includes all heat sizes for this model.

⁶ Canada Only

RATINGS
2 TON

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

Entering Wet Bulb Tempera- ture	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	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C			
HS27-024 — C33-18A COOLING CAPACITY																										
63°F (17°C)	600	285	21.6	6.3	1.45	.74	.86	.97	20.8	6.1	1.63	.75	.87	.99	20.0	5.9	1.85	.76	.89	1.00	19.2	5.6	2.11	.77	.90	1.00
800	380	23.0	6.7	1.45	.79	.93	1.00	22.2	6.5	1.63	.80	.94	1.00	21.2	6.2	1.84	.81	.96	1.00	20.4	6.0	2.09	.83	.98	1.00	
1000	470	23.8	7.0	1.44	.83	.99	1.00	23.0	6.7	1.62	.85	1.00	1.00	22.2	6.5	1.84	.87	1.00	1.00	21.4	6.3	2.08	.89	1.00	1.00	
67°F (19°C)	600	285	22.6	6.6	1.44	.60	.71	.82	22.0	6.4	1.62	.60	.72	.84	21.2	6.2	1.84	.61	.73	.85	20.2	5.9	2.09	.62	.75	.87
800	380	24.2	7.1	1.44	.63	.76	.89	23.4	6.9	1.62	.64	.77	.91	22.4	6.6	1.84	.64	.79	.93	21.6	6.3	2.07	.65	.81	.95	
1000	470	25.2	7.4	1.45	.66	.81	.96	24.2	7.1	1.63	.66	.83	.98	23.4	6.9	1.83	.68	.84	.99	22.2	6.5	2.08	.69	.86	1.00	
71°F (22°C)	600	285	23.6	6.9	1.45	.47	.58	.69	23.0	6.7	1.62	.47	.59	.70	22.2	6.5	1.83	.48	.59	.71	21.2	6.2	2.09	.48	.60	.72
800	380	25.2	7.4	1.44	.48	.61	.74	24.4	7.2	1.62	.49	.62	.75	23.6	6.9	1.83	.49	.63	.76	22.6	6.6	2.08	.50	.64	.78	
1000	470	26.4	7.7	1.45	.50	.64	.79	25.4	7.4	1.63	.50	.66	.80	24.4	7.2	1.83	.51	.67	.82	23.4	6.9	2.07	.51	.68	.84	
HS27-024 — C26-21 COOLING CAPACITY																										
63°F (17°C)	600	285	22.2	6.5	1.42	.71	.85	.96	21.5	6.3	1.60	.72	.86	.97	20.7	6.1	1.81	.73	.87	.98	19.9	5.8	2.05	.75	.89	1.00
800	380	23.4	6.9	1.41	.78	.92	1.00	22.6	6.6	1.60	.79	.94	1.00	21.8	6.4	1.80	.80	.95	1.00	20.9	6.1	2.04	.82	.97	1.00	
1000	470	24.3	7.1	1.41	.84	.98	1.00	23.5	6.9	1.60	.85	.99	1.00	22.7	6.7	1.80	.87	1.00	1.00	21.9	6.4	2.03	.89	1.00	1.00	
67°F (19°C)	600	285	23.8	7.0	1.41	.56	.68	.81	22.9	6.7	1.60	.57	.69	.82	22.1	6.5	1.80	.57	.71	.84	21.2	6.2	2.04	.58	.72	.85
800	380	24.8	7.3	1.40	.60	.75	.89	23.9	7.0	1.59	.60	.77	.91	23.0	6.7	1.80	.62	.78	.93	22.0	6.4	2.03	.62	.80	.95	
1000	470	25.5	7.5	1.40	.64	.82	.96	24.5	7.2	1.59	.64	.83	.98	23.6	6.9	1.80	.66	.85	.99	22.6	6.6	2.03	.67	.87	1.00	
71°F (22°C)	600	285	25.5	7.5	1.40	.42	.54	.66	24.5	7.2	1.59	.42	.55	.67	23.6	6.9	1.80	.43	.56	.68	22.7	6.7	2.02	.43	.56	.69
800	380	26.6	7.8	1.39	.44	.58	.73	25.5	7.5	1.59	.44	.59	.74	24.5	7.2	1.79	.44	.60	.76	23.5	6.9	2.02	.45	.61	.77	
1000	470	27.3	8.0	1.39	.45	.62	.79	26.1	7.6	1.58	.45	.64	.81	25.1	7.4	1.79	.46	.64	.82	24.1	7.1	2.02	.46	.66	.83	
HS27-024 — C23-26 COOLING CAPACITY																										
63°F (17°C)	600	285	22.2	6.5	1.42	.71	.84	.96	21.5	6.3	1.60	.72	.85	.97	20.7	6.1	1.81	.73	.87	.98	19.8	5.8	2.05	.75	.89	.99
800	380	23.4	6.9	1.41	.77	.92	1.00	22.5	6.6	1.60	.78	.94	1.00	21.7	6.4	1.81	.80	.95	1.00	20.9	6.1	2.04	.82	.97	1.00	
1000	470	24.3	7.1	1.41	.83	.98	1.00	23.4	6.9	1.60	.85	.99	1.00	22.6	6.6	1.80	.86	1.00	1.00	21.8	6.4	2.03	.88	1.00	1.00	
67°F (19°C)	600	285	23.8	7.0	1.41	.56	.68	.81	22.9	6.7	1.60	.56	.69	.82	22.1	6.5	1.80	.57	.70	.84	21.2	6.2	2.04	.58	.72	.85
800	380	24.8	7.3	1.41	.59	.75	.89	23.9	7.0	1.59	.60	.76	.90	23.0	6.7	1.80	.61	.77	.92	22.0	6.4	2.03	.62	.79	.94	
1000	470	25.5	7.5	1.40	.63	.81	.95	24.5	7.2	1.59	.64	.82	.97	23.6	6.9	1.80	.65	.84	.98	22.6	6.6	2.03	.67	.86	1.00	
71°F (22°C)	600	285	25.5	7.5	1.40	.42	.54	.66	24.5	7.2	1.59	.42	.55	.67	23.6	6.9	1.80	.43	.55	.68	22.7	6.7	2.03	.43	.56	.69
800	380	26.6	7.8	1.39	.43	.57	.71	26.0	7.6	1.58	.44	.58	.73	25.0	7.3	1.79	.44	.59	.74	24.0	7.0	2.02	.44	.60	.76	
1000	470	27.3	8.0	1.39	.45	.61	.77	26.7	7.8	1.58	.45	.62	.79	25.6	7.5	1.79	.46	.63	.81	24.5	7.2	2.01	.46	.65	.83	
HS27-024 — C26-26 COOLING CAPACITY																										
63°F (17°C)	600	285	22.7	6.7	1.41	.71	.84	.96	21.8	6.4	1.60	.72	.85	.97	21.1	6.2	1.81	.73	.87	.99	20.2	5.9	2.04	.74	.89	1.00
800	380	24.0	7.0	1.41	.77	.92	1.00	22.9	6.7	1.60	.78	.93	1.00	22.0	6.4	1.80	.79	.95	1.00	21.2	6.2	2.03	.82	.97	1.00	
1000	470	25.0	7.3	1.40	.83	.98	1.00	24.1	7.1	1.59	.85	.99	1.00	23.3	6.8	1.80	.87	1.00	1.00	22.4	6.6	2.02	.89	1.00	1.00	
67°F (19°C)	600	285	24.4	7.2	1.40	.56	.68	.80	23.3	6.8	1.60	.56	.69	.82	22.4	6.6	1.80	.57	.70	.83	21.5	6.3	2.03	.58	.72	.85
800	380	25.5	7.5	1.40	.59	.75	.89	24.5	7.2	1.59	.60	.76	.90	23.4	6.9	1.80	.60	.76	.91	22.4	6.6	2.03	.62	.79	.93	
1000	470	26.3	7.7	1.39	.63	.81	.96	25.0	7.4	1.59	.64	.83	.97	24.2	7.1	1.79	.66	.84	.99	23.2	6.8	2.02	.67	.86	1.00	
71°F (22°C)	600	285	26.2	7.7	1.39	.42	.54	.65	25.2	7.4	1.59	.42	.54	.66	24.2	7.1	1.79	.43	.55	.68	23.2	6.8	2.02	.43	.56	.69
800	380	27.4	8.0	1.38	.43	.58	.72	26.3	7.7	1.58	.44	.59	.73	25.2	7.4	1.79	.44	.60	.75	24.1	7.1	2.01	.44	.61	.76	
1000	470	28.1	8.2	1.38	.45	.62	.78	26.9	7.9	1.58	.45	.63	.80	25.8	7.6	1.78	.46	.64	.82	24.7	7.2	2.01	.47	.66	.84	
HS27-024 — C33-24A/B/C COOLING CAPACITY																										
63°F (17°C)	600	285	23.0	6.7	1.45	.73	.85	.96	22.0	6.5	1.63	.74	.86	.98	21.4	6.3	1.84	.75	.88	.99	20.4	6.0	2.09	.77	.90	1.00
800	380	24.6	7.2	1.45	.78	.92	1.00	23.8	7.0	1.62	.79	.94	1.00	22.8	6.7	1.83	.81	.95	1.00	21.8	6.4	2.08	.83	.97	1.00	
1000	470	25.6	7.5	1.45	.83	.98	1.00	24.8	7.3	1.63	.85	.99	1.00	23.8	7.0	1.83	.86	1.00	1.00	23.0	6.7	2.07	.88	1.00	1.00	
67°F (19°C)	600	285	24.2	7.1	1.45	.59	.71	.82	23.4																	

RATINGS

2 TON

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

Entering Wet Bulb Tempera- ture	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	kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C

HS27-024 — C33-30A/B/C COOLING CAPACITY

63°F (17°C)	600	285	23.4	6.9	1.45	.74	.85	.97	22.6	6.6	1.62	.74	.87	.98	21.8	6.4	1.83	.76	.89	1.00	20.8	6.1	2.09	.77	.90	1.00
800	380	25.0	7.3	1.44	.79	.93	1.00	24.2	7.1	1.62	.80	.95	1.00	23.4	6.9	1.83	.82	.97	1.00	22.4	6.6	2.07	.83	.99	1.00	
1000	470	26.2	7.7	1.45	.84	.99	1.00	25.4	7.4	1.63	.86	1.00	1.00	24.4	7.2	1.83	.87	1.00	1.00	23.6	6.9	2.06	.90	1.00	1.00	
67°F (19°C)	600	285	24.6	7.2	1.45	.60	.71	.82	23.8	7.0	1.63	.60	.72	.84	22.8	6.7	1.83	.61	.73	.85	22.0	6.4	2.08	.62	.74	.87
800	380	26.2	7.7	1.45	.63	.77	.90	25.4	7.4	1.62	.64	.78	.92	24.4	7.2	1.83	.65	.79	.93	23.4	6.9	2.07	.66	.81	.96	
1000	470	27.4	8.0	1.45	.66	.82	.96	26.4	7.7	1.63	.67	.83	.98	25.4	7.4	1.83	.68	.85	1.00	24.2	7.1	2.07	.69	.87	1.00	
71°F (22°C)	600	285	25.6	7.5	1.45	.47	.58	.69	24.8	7.3	1.63	.47	.59	.70	24.0	7.0	1.83	.47	.59	.71	23.0	6.7	2.07	.48	.60	.72
800	380	27.4	8.0	1.45	.48	.62	.74	26.6	7.8	1.63	.49	.62	.76	25.6	7.5	1.83	.49	.63	.77	24.4	7.2	2.06	.50	.64	.79	
1000	470	28.6	8.4	1.46	.50	.65	.80	27.6	8.1	1.63	.50	.66	.81	26.6	7.8	1.83	.51	.67	.83	25.4	7.4	2.07	.51	.68	.85	

HS27-024 — C33-36A/B/C COOLING CAPACITY

63°F (17°C)	550	260	23.2	6.8	1.45	.73	.84	.95	22.4	6.6	1.63	.73	.85	.97	21.6	6.3	1.84	.75	.87	.98	20.6	6.0	2.08	.76	.89	1.00
750	355	25.0	7.3	1.44	.78	.92	1.00	24.2	7.1	1.62	.79	.94	1.00	23.2	6.8	1.83	.81	.96	1.00	22.2	6.5	2.08	.82	.98	1.00	
950	450	26.4	7.7	1.45	.84	.99	1.00	25.4	7.4	1.63	.85	1.00	1.00	24.6	7.2	1.83	.87	1.00	1.00	23.6	6.9	2.07	.89	1.00	1.00	
67°F (19°C)	550	260	24.2	7.1	1.45	.59	.70	.81	23.4	6.9	1.63	.60	.71	.82	22.6	6.6	1.83	.60	.72	.83	21.6	6.3	2.08	.61	.73	.85
750	355	26.2	7.7	1.45	.62	.76	.89	25.4	7.4	1.62	.63	.77	.90	24.4	7.2	1.83	.64	.78	.92	23.4	6.9	2.07	.65	.80	.94	
950	450	27.4	8.0	1.45	.66	.81	.96	26.6	7.8	1.63	.67	.83	.98	25.4	7.4	1.83	.68	.85	1.00	24.4	7.2	2.07	.69	.87	1.00	
71°F (22°C)	550	260	25.2	7.4	1.44	.47	.57	.68	24.4	7.2	1.62	.47	.58	.69	23.6	6.9	1.83	.47	.59	.70	22.6	6.6	2.08	.48	.59	.71
750	355	27.4	8.0	1.45	.48	.61	.73	26.4	7.7	1.63	.49	.62	.75	25.6	7.5	1.83	.49	.63	.76	24.4	7.2	2.07	.49	.64	.78	
950	450	28.8	8.4	1.46	.50	.65	.79	27.8	8.1	1.63	.50	.66	.81	26.8	7.9	1.83	.51	.67	.83	25.6	7.5	2.07	.51	.68	.85	

HS27-024 — C33-42B COOLING CAPACITY

63°F (17°C)	550	260	23.2	6.8	1.45	.73	.84	.95	22.4	6.6	1.63	.73	.85	.97	21.6	6.3	1.84	.75	.87	.98	20.6	6.0	2.08	.76	.89	1.00
750	355	25.0	7.3	1.44	.78	.92	1.00	24.2	7.1	1.62	.79	.94	1.00	23.2	6.8	1.83	.81	.96	1.00	22.2	6.5	2.08	.82	.98	1.00	
950	450	26.4	7.7	1.45	.84	.99	1.00	25.4	7.4	1.63	.85	1.00	1.00	24.6	7.2	1.83	.87	1.00	1.00	23.6	6.9	2.07	.89	1.00	1.00	
67°F (19°C)	550	260	24.2	7.1	1.45	.59	.70	.81	23.4	6.9	1.63	.60	.71	.82	22.6	6.6	1.83	.60	.72	.83	21.6	6.3	2.08	.61	.73	.85
750	355	26.2	7.7	1.45	.62	.76	.89	25.4	7.4	1.62	.63	.77	.90	24.4	7.2	1.83	.64	.78	.92	23.4	6.9	2.07	.65	.80	.94	
950	450	27.4	8.0	1.45	.66	.81	.96	26.6	7.8	1.63	.67	.83	.98	25.4	7.4	1.83	.68	.85	1.00	24.4	7.2	2.07	.69	.87	1.00	
71°F (22°C)	550	260	25.2	7.4	1.44	.47	.57	.68	24.4	7.2	1.62	.47	.58	.69	23.6	6.9	1.83	.47	.59	.70	22.6	6.6	2.08	.48	.59	.71
750	355	27.4	8.0	1.45	.48	.61	.73	26.4	7.7	1.63	.49	.62	.75	25.6	7.5	1.83	.49	.63	.76	24.4	7.2	2.07	.49	.64	.78	
950	450	28.8	8.4	1.46	.50	.65	.79	27.8	8.1	1.63	.50	.66	.81	26.8	7.9	1.83	.51	.67	.83	25.6	7.5	2.07	.51	.68	.85	

HS27-024 — C23-46 COOLING CAPACITY

63°F (17°C)	600	285	23.0	6.7	1.41	.70	.83	.95	22.2	6.5	1.60	.71	.85	.97	21.3	6.2	1.80	.72	.86	.98	20.5	6.0	2.04	.74	.88	1.00
800	380	24.3	7.1	1.40	.77	.92	1.00	23.4	6.9	1.59	.78	.93	1.00	22.5	6.6	1.80	.79	.95	1.00	21.6	6.3	2.03	.81	.97	1.00	
1000	470	25.4	7.4	1.40	.83	.98	1.00	24.4	7.2	1.59	.85	.99	1.00	23.5	6.9	1.79	.86	1.00	1.00	22.7	6.7	2.02	.88	1.00	1.00	
67°F (19°C)	600	285	24.8	7.3	1.40	.56	.68	.79	23.8	7.0	1.59	.56	.69	.82	22.9	6.7	1.80	.57	.70	.83	21.9	6.4	2.03	.58	.71	.85
800	380	26.0	7.6	1.39	.59	.74	.88	24.9	7.3	1.59	.60	.76	.90	23.9	7.0	1.79	.61	.77	.92	22.9	6.7	2.02	.62	.79	.94	
1000	470	26.8	7.9	1.39	.63	.80	.96	25.7	7.5	1.58	.64	.82	.97	24.6	7.2	1.79	.65	.84	.98	23.5	6.9	2.02	.66	.86	1.00	
71°F (22°C)	600	285	26.6	7.8	1.39	.42	.53	.64	26.4	7.7	1.60	.42	.54	.66	25.4	7.4	1.81	.43	.55	.67	24.3	7.1	2.03	.43	.56	.68
800	380	27.9	8.2	1.38	.43	.57	.71	27.7																		

RATINGS
2 TON

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

Entering Wet Bulb Tempera- ture	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																		
		85°F (29°C)						95°F (35°C)						105°F (41°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	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	
HS27-024 — C33-24B/C with G61MPV-36B/C COOLING CAPACITY																				
63°F (17°C)	835	395	24.8	7.3	1.45	.78	.92	1.00	23.8	7.0	1.63	.79	.94	1.00	23.0	6.7	1.83	.81	.96	1.00
	835	395	24.8	7.3	1.45	.78	.92	1.00	23.8	7.0	1.63	.79	.94	1.00	23.0	6.7	1.83	.81	.96	1.00
	1050	495	25.8	7.6	1.45	.83	.98	1.00	25.0	7.3	1.62	.85	1.00	1.00	24.0	7.0	1.83	.86	1.00	1.00
67°F (19°C)	835	395	25.8	7.6	1.44	.62	.76	.89	25.0	7.3	1.63	.63	.77	.91	24.0	7.0	1.83	.64	.79	.93
	835	395	25.8	7.6	1.44	.62	.76	.89	25.0	7.3	1.63	.63	.77	.91	24.0	7.0	1.83	.64	.79	.93
	1050	495	27.0	7.9	1.45	.65	.81	.96	26.0	7.6	1.63	.66	.83	.97	25.0	7.3	1.83	.67	.84	.99
71°F (22°C)	835	395	27.0	7.9	1.45	.48	.61	.74	26.2	7.7	1.63	.48	.62	.75	25.2	7.4	1.83	.48	.63	.76
	835	395	27.0	7.9	1.45	.48	.61	.74	26.2	7.7	1.63	.48	.62	.75	25.2	7.4	1.83	.48	.63	.76
	1050	495	28.2	8.3	1.45	.49	.64	.79	27.2	8.0	1.63	.50	.65	.81	26.2	7.7	1.83	.50	.66	.82
HS27-024 — C33-30B/C with G61MPV-36B/C COOLING CAPACITY																				
63°F (17°C)	835	395	25.2	7.4	1.45	.79	.94	1.00	24.4	7.2	1.62	.80	.95	1.00	23.4	6.9	1.83	.82	.97	1.00
	835	395	25.2	7.4	1.45	.79	.94	1.00	24.4	7.2	1.62	.80	.95	1.00	23.4	6.9	1.83	.82	.97	1.00
	1050	495	26.4	7.7	1.45	.85	1.00	1.00	25.6	7.5	1.62	.86	1.00	1.00	24.6	7.2	1.83	.88	1.00	1.00
67°F (19°C)	835	395	26.4	7.7	1.45	.63	.77	.90	25.4	7.4	1.63	.64	.78	.92	24.6	7.2	1.83	.64	.80	.94
	835	395	26.4	7.7	1.45	.63	.77	.90	25.4	7.4	1.63	.64	.78	.92	24.6	7.2	1.83	.64	.80	.94
	1050	495	27.6	8.1	1.45	.66	.83	.98	26.4	7.7	1.63	.67	.84	.99	25.6	7.5	1.83	.68	.86	1.00
71°F (22°C)	835	395	27.6	8.1	1.45	.48	.61	.75	26.6	7.8	1.63	.48	.62	.76	25.6	7.5	1.83	.48	.63	.77
	835	395	27.6	8.1	1.45	.48	.61	.75	26.6	7.8	1.63	.48	.62	.76	25.6	7.5	1.83	.48	.63	.77
	1050	495	28.8	8.4	1.46	.50	.65	.80	27.8	8.1	1.63	.50	.66	.82	26.8	7.9	1.83	.51	.67	.84
HS27-024 — C33-36B with G61MPV-36B COOLING CAPACITY																				
63°F (17°C)	835	395	25.6	7.5	1.44	.80	.95	1.00	24.6	7.2	1.62	.81	.96	1.00	23.8	7.0	1.83	.83	.98	1.00
	835	395	25.6	7.5	1.44	.80	.95	1.00	24.6	7.2	1.62	.81	.96	1.00	23.8	7.0	1.83	.83	.98	1.00
	1050	495	26.8	7.9	1.45	.86	1.00	1.00	26.0	7.6	1.63	.87	1.00	1.00	25.0	7.3	1.83	.89	1.00	1.00
67°F (19°C)	835	395	26.8	7.9	1.45	.63	.78	.91	25.8	7.6	1.62	.64	.79	.93	24.8	7.3	1.83	.65	.80	.95
	835	395	26.8	7.9	1.45	.63	.78	.91	25.8	7.6	1.62	.64	.79	.93	24.8	7.3	1.83	.65	.80	.95
	1050	495	27.8	8.1	1.45	.67	.84	.99	26.8	7.9	1.63	.68	.85	1.00	25.8	7.6	1.83	.69	.87	1.00
71°F (22°C)	835	395	28.0	8.2	1.45	.48	.61	.75	27.0	7.9	1.63	.48	.63	.77	26.0	7.6	1.83	.49	.64	.78
	835	395	28.0	8.2	1.45	.48	.61	.75	27.0	7.9	1.63	.48	.63	.77	26.0	7.6	1.83	.49	.64	.78
	1050	495	29.2	8.6	1.46	.50	.66	.81	28.2	8.3	1.63	.50	.67	.83	27.0	7.9	1.83	.51	.68	.85
HS27-024 — C33-24A/B with G60UHV-36A/B COOLING CAPACITY																				
63°F (17°C)	835	395	26.4	7.7	1.45	.79	.95	1.00	25.4	7.4	1.63	.81	.96	1.00	24.4	7.2	1.83	.82	.98	1.00
	835	395	26.4	7.7	1.45	.79	.95	1.00	25.4	7.4	1.63	.81	.96	1.00	24.4	7.2	1.83	.82	.98	1.00
	1050	495	27.6	8.1	1.45	.86	1.00	1.00	26.8	7.9	1.63	.87	1.00	1.00	25.8	7.6	1.83	.89	1.00	1.00
67°F (19°C)	835	395	27.6	8.1	1.45	.63	.77	.91	26.8	7.9	1.63	.64	.79	.93	24.8	7.3	1.83	.64	.80	.95
	835	395	27.6	8.1	1.45	.63	.77	.91	26.8	7.9	1.63	.64	.79	.93	24.8	7.3	1.83	.64	.80	.95
	1050	495	29.0	8.5	1.46	.65	.84	.99	28.0	8.2	1.63	.67	.85	1.00	26.8	7.9	1.83	.69	.87	1.00
71°F (22°C)	835	395	29.2	8.6	1.46	.47	.61	.75	28.2	8.3	1.63	.47	.62	.76	27.0	7.9	1.83	.48	.63	.78
	835	395	29.2	8.6	1.46	.47	.61	.75	28.2	8.3	1.63	.47	.62	.76	27.0	7.9	1.83	.48	.63	.78
	1050	495	30.4	8.9	1.47	.50	.66	.81	29.2	8.6	1.63	.50	.65	.83	28.2	8.3	1.83	.51	.69	.87
HS27-024 — C33-30A/B with G60UHV-36A/B COOLING CAPACITY																				
63°F (17°C)	830	390	24.6	7.2	1.44	.78	.92	1.00	23.8	7.0	1.63	.79	.94	1.00	22.8	6.7	1.83	.81	.98	1.00
	925	435	25.2	7.4	1.45	.80	.95	1.00	24.4	7.2	1.62	.82	.97	1.00	23.4	6.9	1.83	.83	.98	1.00
	1020	480	25.6	7.5	1.45	.82	.98	1.00	24.8	7.3	1.63	.84	.99	1.00	23.8	7.0	1.83	.86	1.00	1.00
67°F (19°C)	830	390	25.8	7.6	1.44	.62	.76	.89	25.0	7.3	1.63	.63	.77	.91	24.0	7.0	1.83	.64	.78	.92
	830	390	25.8	7.6	1.44	.62	.76	.89	25.0	7.3	1.63	.63	.77	.91	24.0	7.0	1.83	.64	.78	.92
	1020	480	26.8	7.9	1.45	.65	.80	.95	25.8	7.6	1.62	.66	.82	.97	24.8	7.3	1.83	.65	.81	.98
71°F (22°C)	830	390	27.0	7.9	1.45	.48	.61	.73	26.0	7.6	1.63	.48	.61	.75	25.2	7.4	1.83	.48	.62	.76
	830	390	27.0	7.9	1.45	.48	.61	.73	26.0	7.6	1.63	.48	.61	.75	25.2	7.4	1.83	.48	.62	.76
	1020	480	28.0	8.2	1.45	.49	.63	.78	27.0	7.9	1.63	.49	.63	.77	26.0	7.6	1.83	.49	.64	.79
HS27-024 — C33-36A/B with G60UHV-36A/B COOLING CAPACITY																				
63°F (17°C)	840	395	25.2	7.4	1.45	.79	.94	1.00	24.4	7.2	1.62	.81	.95	1.00	23.4	6.9	1.83	.82	.98	1.00
	935	440	25.8	7.6	1.45	.82	.97	1.00	25.0	7.3	1.62	.83	.99	1.00	24.0	7.0	1.83	.85	1.00	1.00
	1030	485	26.2	7.7	1.45	.84	.99	1.00	25.4	7.4	1.63	.86	1.00	1.00	24.4	7.2	1.83	.87	1.00	1.00
67°F (19°C)	840	395	26.4	7.7	1.45	.63	.77	.90	25.6	7.5	1.63	.63	.78	.92	24.6	7.2	1.83	.64	.78	.94
	935	440	27.0	7.9	1.45	.64	.80	.94	26.0	7.6	1.63	.65	.81	.96	25.0	7.3	1.83	.66	.82	.94
	1030	485	27.4	8.0	1.45	.66														

RATINGS

2 TON

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

Entering Wet Bulb Tempera- ture	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			
HS27-024 — C33-38A/B with G60UHV-36 COOLING CAPACITY																										
63°F (17°C)	840	395	26.2	7.7	1.45	.79	.95	1.00	25.4	7.4	1.63	.81	.97	1.00	24.4	7.2	1.83	.82	.98	1.00	23.2	6.8	2.07	.84	1.00	1.00
	935	440	27.0	7.9	1.45	.82	.98	1.00	26.0	7.6	1.63	.84	1.00	1.00	25.0	7.3	1.83	.86	1.00	1.00	24.0	7.0	2.07	.87	1.00	1.00
	1030	485	27.4	8.0	1.45	.85	1.00	1.00	26.6	7.8	1.63	.86	1.00	1.00	25.6	7.5	1.83	.88	1.00	1.00	24.6	7.2	2.07	.91	1.00	1.00
67°F (19°C)	840	395	27.6	8.1	1.45	.63	.77	.91	26.8	7.9	1.63	.64	.79	.93	25.8	7.6	1.83	.64	.80	.95	24.6	7.2	2.07	.66	.82	.98
	935	440	28.4	8.3	1.46	.64	.80	.95	27.4	8.0	1.63	.66	.82	.97	26.2	7.7	1.83	.65	.83	.99	25.0	7.3	2.07	.67	.85	1.00
	1030	485	28.8	8.4	1.46	.66	.83	.98	27.8	8.1	1.63	.66	.84	1.00	26.6	7.8	1.83	.68	.86	1.00	25.4	7.4	2.07	.69	.88	1.00
71°F (22°C)	840	395	29.2	8.6	1.46	.47	.61	.75	28.2	8.3	1.64	.47	.62	.76	27.2	8.0	1.84	.48	.63	.78	26.0	7.6	2.07	.49	.64	.79
	935	440	29.8	8.7	1.46	.47	.63	.78	28.8	8.4	1.64	.49	.64	.79	27.6	8.1	1.84	.49	.65	.81	26.4	7.7	2.07	.50	.66	.83
	1030	485	30.2	8.9	1.47	.49	.65	.81	29.2	8.6	1.64	.50	.66	.82	28.0	8.2	1.84	.50	.66	.84	26.8	7.9	2.07	.50	.68	.86
HS27-024 — CR26-18N-F COOLING CAPACITY																										
63°F (17°C)	600	285	21.4	6.3	1.45	.74	.86	.97	20.8	6.1	1.63	.75	.87	.98	20.0	5.9	1.84	.76	.89	.99	19.1	5.6	2.10	.78	.91	1.00
	800	380	23.0	6.7	1.45	.79	.93	1.00	22.2	6.5	1.63	.80	.94	1.00	21.4	6.3	1.84	.82	.96	1.00	20.4	6.0	2.09	.84	.97	1.00
	1000	470	24.0	7.0	1.44	.84	.98	1.00	23.2	6.8	1.62	.86	.99	1.00	22.4	6.6	1.84	.87	.99	1.00	21.4	6.3	2.08	.89	1.00	1.00
67°F (19°C)	600	285	22.6	6.6	1.45	.60	.72	.83	21.8	6.4	1.63	.61	.72	.84	21.0	6.2	1.83	.61	.74	.86	20.2	5.9	2.09	.62	.75	.88
	800	380	24.2	7.1	1.45	.63	.77	.90	23.4	6.9	1.62	.64	.78	.91	22.4	6.6	1.83	.65	.80	.93	21.4	6.3	2.07	.66	.81	.95
	1000	470	25.2	7.4	1.44	.66	.82	.95	24.2	7.1	1.62	.67	.83	.97	23.4	6.9	1.83	.68	.85	.98	22.2	6.5	2.08	.70	.87	.99
71°F (22°C)	600	285	23.6	6.9	1.45	.47	.58	.69	22.8	6.7	1.63	.47	.59	.70	22.0	6.4	1.84	.48	.60	.71	21.2	6.2	2.08	.48	.60	.72
	800	380	25.2	7.4	1.45	.48	.62	.74	24.4	7.2	1.63	.48	.63	.76	23.6	6.9	1.83	.49	.64	.77	22.6	6.6	2.08	.50	.65	.79
	1000	470	26.4	7.7	1.45	.50	.65	.80	25.4	7.4	1.63	.50	.66	.81	24.4	7.2	1.83	.51	.67	.83	23.4	6.9	2.07	.51	.69	.85
HS27-024 — CR26-30N-F COOLING CAPACITY																										
63°F (17°C)	600	285	23.4	6.9	1.45	.73	.85	.96	22.6	6.6	1.63	.74	.87	.98	21.8	6.4	1.84	.75	.88	.99	20.8	6.1	2.08	.77	.90	1.00
	800	380	25.0	7.3	1.44	.79	.93	1.00	24.2	7.1	1.63	.80	.94	1.00	23.2	6.8	1.83	.82	.96	1.00	22.2	6.5	2.07	.83	.98	1.00
	1000	470	26.2	7.7	1.45	.84	.98	1.00	25.4	7.4	1.63	.86	1.00	1.00	24.4	7.2	1.83	.87	1.00	1.00	23.4	6.9	2.07	.89	1.00	1.00
67°F (19°C)	600	285	24.8	7.3	1.45	.59	.71	.82	24.0	7.0	1.62	.60	.72	.83	23.2	6.8	1.83	.60	.73	.85	22.2	6.5	2.08	.61	.74	.87
	800	380	26.4	7.7	1.45	.63	.76	.90	25.4	7.4	1.62	.64	.78	.91	24.4	7.2	1.83	.64	.79	.93	23.4	6.9	2.07	.65	.81	.95
	1000	470	27.4	8.0	1.45	.66	.82	.96	26.4	7.7	1.63	.67	.83	.97	25.4	7.4	1.83	.68	.85	.99	24.2	7.1	2.07	.69	.87	1.00
71°F (22°C)	600	285	26.2	7.7	1.45	.47	.58	.68	25.2	7.4	1.62	.47	.58	.69	24.4	7.2	1.83	.47	.59	.70	23.4	6.9	2.07	.46	.60	.72
	800	380	28.8	8.1	1.45	.48	.61	.74	27.8	7.9	1.63	.47	.62	.75	25.8	7.6	1.83	.49	.63	.77	24.8	7.3	2.06	.50	.64	.78
	1000	470	29.8	8.4	1.46	.50	.65	.80	27.8	8.1	1.63	.50	.66	.81	26.8	7.9	1.83	.50	.67	.83	25.6	7.5	2.07	.51	.68	.85
HS27-024 — CR26-36N/W-F COOLING CAPACITY																										
63°F (17°C)	600	285	23.4	6.9	1.45	.73	.85	.96	22.6	6.6	1.62	.74	.87	.98	21.8	6.4	1.84	.75	.88	.99	20.8	6.1	2.08	.77	.90	1.00
	800	380	25.0	7.3	1.44	.79	.93	1.00	24.2	7.1	1.63	.80	.94	1.00	23.2	6.8	1.83	.82	.96	1.00	22.2	6.5	2.07	.83	.98	1.00
	1000	470	26.2	7.7	1.45	.84	.98	1.00	25.4	7.4	1.63	.86	1.00	1.00	24.4	7.2	1.83	.87	1.00	1.00	23.4	6.9	2.07	.89	1.00	1.00
67°F (19°C)	600	285	24.8	7.3	1.45	.59	.71	.82	24.0	7.0	1.62	.60	.72	.83	23.2	6.8	1.83	.61	.73	.85	22.2	6.6	2.08	.61	.74	.87
	800	380	27.0	7.9	1.45	.63	.77	.91	26.0	7.6	1.63	.64	.78	.92	25.0	7.3	1.83	.65	.80	.94	24.0	7.0	2.07	.66	.82	.97
	1000	470	28.2	8.3	1.45	.67	.83	.98	27.2	8.0	1.63	.68	.85	.99	26.0	7.6	1.83	.69	.87	.99	25.0	7.3	2.07	.70	.89	1.00
71°F (22°C)	600	285	26.8	7.9	1.45	.46	.58	.68	25.8	7.6	1.62	.47	.58	.69	25.0	7.3	1.83	.47	.59	.71	23.8	7.0	2.07	.47	.60	.72
	800	380	28.4	8.3	1.45	.48	.62	.75	27.4	8.0	1.63	.48	.62	.76	26.4	7.7	1.83	.49	.63	.78	25.4	7.4	2.07	.49	.65	.79
	1000	470	29.6	8.7	1.46	.50	.66	.81	28.6	8.4	1.64	.51	.66	.83	27.4	8.0	1.84	.51	.68	.84	26.2	7.7	2.07	.52	.69	.86
HS27-024 — CR26-36W-F with G61MPV-36B COOLING CAPACITY																										
63°F (17°C)	835	395	25.8	7.6	1.45	.80	.95	1.00	25.0	7.3	1.63	.81	.96	1.00	24.0	7.0	1.83	.83	.98	1.00	23.0	6.7	2.07	.85	1.00	1.00
	835	395	25.8	7.6	1.45	.80	.95	1.00	25.0	7.3	1.63	.81	.96	1.00	24.0	7.0	1.83	.83	.98	1.00	23.0	6.7	2.07	.85	1.00	1.00
	1050	495	27.0	7.9	1.45	.86	1.00	1.00	26.2	7.7	1.62	.88	1.00	1.00	25.2	7.4										

RATINGS
2 TON

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

Entering Wet Bulb Tempera- ture	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	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C			
HS27-024 — CH23-21 COOLING CAPACITY																										
63°F (17°C)	600	285	21.8	6.4	1.45	.72	.83	.94	21.2	6.2	1.63	.73	.85	.95	20.4	6.0	1.84	.74	.86	.97	19.5	5.7	2.10	.75	.88	.99
800	380	23.4	6.9	1.44	.76	.89	1.00	22.6	6.6	1.62	.77	.91	1.00	21.8	6.4	1.84	.79	.93	1.00	21.0	6.2	2.08	.80	.95	1.00	
1000	470	24.6	7.2	1.44	.80	.95	1.00	23.8	7.0	1.63	.82	.97	1.00	23.0	6.7	1.83	.84	.98	1.00	22.2	6.5	2.07	.85	1.00	1.00	
67°F (19°C)	600	285	23.2	6.8	1.44	.59	.70	.80	22.4	6.6	1.63	.60	.71	.81	21.8	6.4	1.83	.60	.72	.83	20.8	6.1	2.08	.61	.73	.84
800	380	24.8	7.3	1.44	.62	.74	.86	24.0	7.0	1.62	.62	.75	.88	23.2	6.8	1.83	.63	.77	.89	22.2	6.5	2.07	.64	.78	.92	
1000	470	26.0	7.6	1.44	.64	.78	.92	25.0	7.3	1.62	.65	.80	.94	24.0	7.0	1.83	.66	.81	.96	23.2	6.8	2.07	.67	.83	.98	
71°F (22°C)	600	285	24.4	7.2	1.44	.47	.57	.67	23.8	7.0	1.62	.47	.58	.68	23.0	6.7	1.83	.47	.59	.69	22.0	6.4	2.08	.48	.60	.70
800	380	26.2	7.7	1.44	.47	.60	.72	25.4	7.4	1.62	.48	.61	.73	24.6	7.2	1.83	.49	.62	.74	23.6	6.9	2.07	.49	.63	.76	
1000	470	27.4	8.0	1.45	.49	.63	.76	26.4	7.7	1.63	.50	.64	.77	25.4	7.4	1.83	.50	.65	.79	24.4	7.2	2.06	.50	.66	.81	
HS27-024 — CH23-31 COOLING CAPACITY																										
63°F (17°C)	600	285	22.0	6.4	1.44	.73	.84	.94	21.4	6.3	1.63	.73	.85	.96	20.6	6.0	1.84	.74	.86	.98	19.7	5.8	2.09	.76	.88	.99
800	380	23.6	6.9	1.45	.77	.90	1.00	23.0	6.7	1.63	.78	.92	1.00	22.0	6.4	1.83	.79	.94	1.00	21.2	6.2	2.08	.81	.96	1.00	
1000	470	24.8	7.3	1.45	.81	.96	1.00	24.2	7.1	1.63	.83	.98	1.00	23.4	6.9	1.83	.84	.99	1.00	22.6	6.6	2.07	.86	1.00	1.00	
67°F (19°C)	600	285	23.4	6.9	1.45	.59	.70	.80	22.8	6.7	1.63	.59	.71	.82	22.0	6.4	1.83	.60	.72	.83	21.0	6.2	2.08	.61	.73	.85
800	380	25.2	7.4	1.44	.62	.75	.87	24.4	7.2	1.62	.62	.76	.88	23.4	6.9	1.83	.63	.77	.90	22.4	6.6	2.08	.64	.79	.92	
1000	470	26.2	7.7	1.45	.64	.79	.93	25.4	7.4	1.62	.65	.80	.95	24.4	7.2	1.83	.66	.82	.97	23.4	6.9	2.07	.67	.84	.99	
71°F (22°C)	600	285	24.6	7.2	1.44	.47	.57	.68	24.0	7.0	1.62	.47	.58	.69	23.2	6.8	1.83	.47	.58	.70	22.2	6.5	2.07	.48	.60	.71
800	380	26.6	7.8	1.45	.47	.60	.72	25.8	7.6	1.62	.48	.61	.73	24.8	7.3	1.83	.49	.62	.75	23.8	7.0	2.07	.49	.63	.76	
1000	470	27.8	8.1	1.45	.49	.63	.77	26.8	7.9	1.63	.50	.64	.78	25.8	7.6	1.83	.50	.65	.80	24.8	7.3	2.07	.51	.66	.81	
HS27-024 — CH33-24/30A-2F COOLING CAPACITY																										
63°F (17°C)	600	285	23.2	6.8	1.45	.73	.85	.96	22.4	6.6	1.63	.74	.86	.98	21.6	6.3	1.84	.75	.88	.99	20.6	6.0	2.09	.77	.90	1.00
800	380	24.8	7.3	1.44	.78	.92	1.00	24.0	7.0	1.63	.80	.94	1.00	23.0	6.7	1.83	.81	.96	1.00	22.2	6.5	2.08	.83	.98	1.00	
1000	470	26.0	7.6	1.45	.83	.98	1.00	25.2	7.4	1.62	.84	1.00	1.00	24.2	7.1	1.83	.86	1.00	1.00	23.2	6.8	2.07	.88	1.00	1.00	
67°F (19°C)	600	285	24.4	7.2	1.45	.60	.71	.82	23.6	6.9	1.62	.60	.72	.83	22.8	6.7	1.83	.61	.73	.85	21.8	6.4	2.08	.62	.74	.86
800	380	26.0	7.6	1.44	.63	.76	.89	25.2	7.4	1.62	.63	.77	.91	24.2	7.1	1.83	.64	.79	.93	23.2	6.6	2.07	.65	.81	.95	
1000	470	27.0	7.9	1.45	.66	.81	.96	26.0	7.6	1.63	.67	.83	.97	25.2	7.4	1.83	.68	.84	.99	24.0	7.0	2.07	.69	.86	1.00	
71°F (22°C)	600	285	25.4	7.4	1.45	.47	.58	.68	24.6	7.2	1.63	.47	.59	.69	23.8	7.0	1.83	.47	.59	.70	22.8	6.7	2.07	.48	.60	.72
800	380	27.2	8.0	1.45	.48	.61	.74	26.2	7.7	1.63	.49	.62	.75	25.4	7.4	1.83	.49	.63	.76	24.2	7.1	2.07	.50	.64	.78	
950	470	28.4	8.3	1.46	.50	.65	.79	27.4	8.0	1.63	.50	.66	.81	26.4	7.7	1.83	.51	.67	.83	25.2	7.4	2.06	.51	.68	.84	
HS27-024 — CH33-36A-2F COOLING CAPACITY																										
63°F (17°C)	550	260	23.0	6.7	1.45	.72	.83	.94	22.2	6.5	1.63	.73	.84	.95	21.4	6.3	1.84	.73	.85	.97	20.6	6.0	2.08	.75	.87	.99
750	355	24.8	7.3	1.45	.77	.91	1.00	24.0	7.0	1.62	.78	.92	1.00	23.0	6.7	1.83	.79	.94	1.00	22.0	6.2	2.08	.81	.96	1.00	
950	450	26.0	7.6	1.45	.82	.98	1.00	25.2	7.4	1.63	.83	.99	1.00	24.2	7.1	1.83	.85	1.00	1.00	23.2	6.8	2.07	.87	1.00	1.00	
67°F (19°C)	550	260	24.4	7.2	1.45	.58	.69	.80	23.6	6.9	1.62	.59	.70	.81	22.8	6.7	1.83	.59	.70	.82	21.8	6.4	2.08	.62	.74	.84
750	355	26.4	7.7	1.45	.61	.75	.87	25.4	7.4	1.62	.62	.76	.89	24.4	7.2	1.83	.63	.77	.90	23.4	6.6	2.07	.64	.79	.93	
950	450	27.4	8.0	1.45	.64	.78	.94	26.4	7.6	1.63	.66	.81	.96	25.4	7.4	1.83	.67	.83	.98	24.4	7.2	2.07	.68	.85	1.00	
71°F (22°C)	550	260	25.8	7.6	1.45	.46	.56	.67	25.0	7.3	1.62	.46	.57	.67	24.0	7.0	1.83	.46	.58	.68	23.0	6.7	2.07	.47	.58	.69
750	355	27.8	8.1	1.45	.48	.61	.73	26.4	7.7	1.63	.48	.62	.75	25.4	7.4	1.83	.49	.63	.76	24.8	7.3	2.06	.48	.63	.76	
950	450	29.0	8.5	1.46	.50	.65	.79	28.0	8.2	1.63	.50	.66	.81	26.6	7.8	1.83	.51	.67	.82	25.6	7.5	2.07	.51	.68	.84	
HS27-024 — CH33-36B-2F COOLING CAPACITY																										
63°F (17°C)	550	260	23.2	6.8	1.44	.72	.84	.95	22.4	6.6	1.63	.73	.85	.96	21.6	6.3	1.84	.74	.87	.98	20.6	6.0	2.09	.76	.88	1.00
750	355	25.0	7.3	1.44	.78	.92	1.00	24.2	7.1	1.62	.79	.93	1.00	23.2	6.8	1.83	.81	.96	1.00	22.2	6.5	2.07	.82	.98	1.00	
950	450	26.4	7.7	1.45	.83	.99	1.00	25.4	7.4	1.63	.85	1.00	1.00	24.6	7.2	1.83	.87	1.00	1.00	23.6	6.9	2.07	.89	1.00	1.00	
67°F (19°C)	550	260	24.2	7.1	1.44	.59	.70	.81	23.4	6.9																

RATINGS

2 TON

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

Entering Wet Bulb Tempera- ture	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			
HS27-024 — CH33-44/48B-2F COOLING CAPACITY																										
63°F (17°C)	600	285	24.4	7.2	1.45	.73	.85	.97	23.4	6.9	1.63	.74	.86	.98	22.6	6.6	1.83	.75	.88	1.00	21.6	6.3	2.08	.76	.90	1.00
	800	380	26.0	7.6	1.45	.79	.93	1.00	25.2	7.4	1.63	.80	.95	1.00	24.2	7.1	1.83	.82	.97	1.00	23.2	6.8	2.07	.83	.99	1.00
	1000	470	27.4	8.0	1.45	.85	1.00	1.00	26.4	7.7	1.63	.86	1.00	1.00	25.6	7.5	1.83	.88	1.00	1.00	24.6	7.2	2.07	.90	1.00	1.00
67°F (19°C)	600	285	25.8	7.6	1.44	.58	.70	.81	25.0	7.3	1.63	.59	.71	.83	24.0	7.0	1.83	.60	.72	.84	23.0	6.7	2.07	.60	.74	.86
	800	380	27.6	8.1	1.45	.62	.76	.90	26.6	7.8	1.63	.64	.77	.92	25.6	7.5	1.83	.64	.79	.94	24.4	7.2	2.07	.65	.80	.96
	1000	470	28.8	8.4	1.46	.66	.82	.98	27.8	8.1	1.63	.67	.84	.99	26.6	7.8	1.83	.68	.85	1.00	25.4	7.4	2.07	.69	.88	1.00
71°F (22°C)	600	285	27.2	8.0	1.45	.47	.57	.67	26.4	7.7	1.63	.46	.57	.69	25.4	7.4	1.83	.46	.58	.70	24.4	7.2	2.07	.47	.59	.71
	800	380	29.0	8.5	1.46	.47	.61	.74	28.0	8.2	1.64	.47	.62	.74	27.0	7.9	1.84	.49	.63	.77	25.8	7.6	2.07	.49	.64	.78
	1000	470	30.2	8.9	1.47	.50	.65	.80	29.2	8.6	1.64	.50	.66	.82	28.0	8.2	1.84	.51	.67	.83	26.8	7.9	2.07	.51	.68	.85
HS27-024 — CH23-21 with G61MPV-36B/C COOLING CAPACITY																										
63°F (17°C)	835	395	23.6	6.9	1.44	.76	.90	1.00	22.8	6.7	1.63	.78	.92	1.00	22.0	6.4	1.83	.79	.93	1.00	21.0	6.2	2.08	.81	.96	1.00
	835	395	23.6	6.9	1.44	.76	.90	1.00	22.8	6.7	1.63	.78	.92	1.00	22.0	6.4	1.83	.79	.93	1.00	21.0	6.2	2.08	.81	.96	1.00
	1050	495	24.8	7.3	1.44	.81	.96	1.00	24.0	7.0	1.62	.82	.98	1.00	23.2	6.8	1.83	.84	.99	1.00	22.4	6.6	2.07	.86	1.00	1.00
67°F (19°C)	835	395	25.0	7.3	1.44	.61	.74	.87	24.2	7.1	1.62	.62	.75	.88	23.4	6.9	1.83	.63	.77	.90	22.4	6.6	2.07	.64	.78	.92
	835	395	25.0	7.3	1.44	.61	.74	.87	24.2	7.1	1.62	.62	.75	.88	23.4	6.9	1.83	.63	.77	.90	22.4	6.6	2.07	.64	.78	.92
	1050	495	26.0	7.6	1.44	.64	.78	.93	25.2	7.4	1.62	.65	.80	.95	24.2	7.1	1.83	.66	.82	.97	23.2	6.8	2.07	.67	.84	.99
71°F (22°C)	835	395	26.4	7.7	1.45	.47	.60	.72	25.6	7.5	1.63	.47	.61	.73	24.6	7.2	1.83	.48	.62	.74	23.6	6.9	2.07	.49	.62	.76
	835	395	26.4	7.7	1.45	.47	.60	.72	25.6	7.5	1.63	.47	.61	.73	24.6	7.2	1.83	.48	.62	.74	23.6	6.9	2.07	.49	.62	.76
	1050	495	27.4	8.0	1.45	.48	.63	.76	26.6	7.8	1.63	.49	.64	.78	25.6	7.5	1.83	.50	.65	.79	24.6	7.2	2.06	.50	.66	.81
HS27-024 — CH33-31 with G61MPV-36B/C COOLING CAPACITY																										
63°F (17°C)	835	395	23.8	7.0	1.44	.77	.90	1.00	23.0	6.7	1.62	.78	.92	1.00	22.2	6.5	1.83	.80	.94	1.00	21.2	6.2	2.08	.81	.97	1.00
	835	395	23.8	7.0	1.44	.77	.90	1.00	23.0	6.7	1.62	.78	.92	1.00	22.2	6.4	1.83	.80	.94	1.00	21.2	6.2	2.08	.81	.97	1.00
	1050	495	25.0	7.3	1.45	.81	.97	1.00	24.4	7.2	1.63	.83	.98	1.00	23.6	6.9	1.83	.85	.99	1.00	22.8	6.7	2.07	.87	1.00	1.00
67°F (19°C)	835	395	25.4	7.4	1.45	.61	.75	.87	24.4	7.2	1.63	.62	.76	.89	23.6	6.9	1.83	.63	.77	.91	22.6	6.6	2.08	.64	.78	.93
	835	395	25.4	7.4	1.45	.61	.75	.87	24.4	7.2	1.63	.62	.76	.89	23.6	6.9	1.83	.63	.77	.91	22.6	6.6	2.08	.64	.78	.93
	1050	495	26.4	7.7	1.45	.64	.79	.94	25.6	7.5	1.62	.65	.81	.96	24.6	7.2	1.82	.66	.82	.98	23.4	6.9	2.07	.68	.84	.99
71°F (22°C)	835	395	26.8	7.9	1.45	.47	.60	.72	25.6	7.6	1.62	.47	.61	.74	25.0	7.3	1.83	.47	.62	.75	24.0	7.0	2.07	.49	.63	.77
	835	395	26.8	7.9	1.45	.47	.60	.72	25.6	7.6	1.62	.47	.61	.74	25.0	7.3	1.83	.47	.62	.75	24.0	7.0	2.07	.49	.63	.77
	1050	495	27.8	8.1	1.45	.49	.63	.77	27.0	7.9	1.63	.49	.64	.79	26.0	7.6	1.83	.49	.65	.80	25.0	7.3	2.07	.50	.67	.82
HS27-024 — CH23-41 with G61MPV-36B/C COOLING CAPACITY																										
63°F (17°C)	835	395	25.4	7.0	1.45	.79	.94	1.00	24.6	7.2	1.62	.81	.96	1.00	23.6	6.9	1.83	.82	.98	1.00	22.6	6.6	2.07	.84	.99	1.00
	835	395	25.4	7.0	1.45	.79	.94	1.00	24.6	7.2	1.62	.81	.96	1.00	23.6	6.9	1.83	.82	.98	1.00	22.6	6.6	2.07	.84	.99	1.00
	1050	495	26.6	7.8	1.45	.85	1.00	1.00	25.8	7.6	1.63	.87	1.00	1.00	24.8	7.3	1.82	.88	1.00	1.00	24.0	7.0	2.07	.91	1.00	1.00
67°F (19°C)	835	395	26.6	7.8	1.45	.63	.77	.91	25.6	7.5	1.62	.64	.78	.93	24.6	7.2	1.83	.65	.80	.95	23.6	6.9	2.07	.66	.82	.97
	835	395	26.6	7.8	1.45	.63	.77	.91	25.6	7.5	1.62	.64	.78	.93	24.6	7.2	1.83	.65	.80	.95	23.6	6.9	2.07	.66	.82	.97
	1050	495	27.6	8.1	1.45	.66	.83	.98	26.8	7.9	1.63	.66	.82	.98	25.8	7.6	1.83	.67	.84	.99	24.6	7.2	2.07	.70	.88	1.00
71°F (22°C)	835	395	27.8	8.1	1.45	.48	.62	.73	27.4	8.0	1.63	.47	.61	.74	26.4	7.7	1.83	.48	.62	.76	25.2	7.4	2.07	.48	.63	.77
	835	395	27.8	8.1	1.45	.48	.62	.73	27.4	8.0	1.63	.47	.61	.74	26.4	7.7	1.83	.48	.62	.76	25.2	7.4	2.07	.48	.63	.77
	1050	495	29.4	8.6	1.46	.49	.64	.78	28.4	8.3	1.64	.49	.65	.80	27.2	8.0	1.84	.50	.66	.81	26.0	7.6	2.07	.50	.67	.84
HS27-024 — CH33-36B-2F with G61MPV-36B COOLING CAPACITY																										
63°F (17°C)	835	395	25.4	7.4	1.45	.80	.94	1.00	24.6	7.2	1.62	.81	.96	1.00	23.8	7.0	1.83	.82	.98	1.00	22.6	6.6	2.07	.84	1.00	1.00
	835	395	25.4	7.4	1.45	.80	.94	1.00	24.6	7.2	1.62	.81	.96	1.00	23.8	7.0	1.83	.82	.98	1.00	22.6	6.6	2.07	.84	1.00	1.00
	1050	495	26.8	7.9	1.45	.86	1.00	1.00	25.8	7.6	1.63	.87	1.00	1.00												

RATINGS
2 TON

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

Entering Wet Bulb Tempera- ture	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	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C		cfm	kW	75°F 24°C	80°F 27°C	85°F 29°C		cfm	kW	75°F 24°C	80°F 27°C	85°F 29°C		cfm	kW	75°F 24°C	80°F 27°C	85°F 29°C		
HS27-024 — CH23-21 with G60UHV-36A/B COOLING CAPACITY																										
63°F (17°C)	860	405	23.6	6.9	1.45	.77	.91	1.00	23.0	6.7	1.63	.78	.92	1.00	22.0	6.4	1.83	.79	.94	1.00	21.2	6.2	2.08	.81	.97	1.00
	860	405	23.6	6.9	1.45	.77	.91	1.00	23.0	6.7	1.63	.78	.92	1.00	22.0	6.4	1.83	.79	.94	1.00	21.2	6.2	2.08	.81	.97	1.00
	1030	485	24.6	7.2	1.44	.80	.95	1.00	23.8	7.0	1.63	.82	.97	1.00	23.0	6.7	1.83	.83	.99	1.00	22.2	6.5	2.07	.85	1.00	1.00
67°F (19°C)	860	405	25.2	7.4	1.44	.61	.75	.87	24.4	7.2	1.62	.62	.76	.89	23.4	6.9	1.83	.63	.77	.91	22.4	6.6	2.08	.64	.79	.93
	860	405	25.2	7.4	1.44	.61	.75	.87	24.4	7.2	1.62	.62	.76	.89	23.4	6.9	1.83	.63	.77	.91	22.4	6.6	2.08	.64	.79	.93
	1030	485	26.0	7.6	1.44	.63	.78	.92	25.2	7.4	1.62	.64	.80	.94	24.2	7.1	1.83	.65	.81	.96	23.2	6.8	2.07	.66	.83	.98
71°F (22°C)	860	405	26.6	7.8	1.45	.47	.60	.72	25.6	7.5	1.63	.47	.61	.74	24.8	7.3	1.83	.48	.62	.75	23.6	6.9	2.07	.48	.62	.76
	860	405	26.6	7.8	1.45	.47	.60	.72	25.6	7.5	1.63	.47	.61	.74	24.8	7.3	1.83	.49	.64	.79	24.4	7.2	2.06	.50	.65	.80
	1030	485	27.4	8.0	1.45	.48	.62	.76	26.4	7.7	1.63	.49	.63	.77	25.6	7.5	1.83	.49	.64	.79	24.4	7.2	2.06	.50	.65	.80
HS27-024 — CH23-31 with G60UHV-36A/B COOLING CAPACITY																										
63°F (17°C)	860	405	24.0	7.0	1.44	.77	.91	1.00	23.2	6.8	1.63	.79	.93	1.00	22.4	6.6	1.84	.80	.95	1.00	21.4	6.3	2.08	.82	.97	1.00
	860	405	24.0	7.0	1.44	.77	.91	1.00	23.2	6.8	1.63	.79	.93	1.00	22.4	6.6	1.84	.80	.95	1.00	21.4	6.3	2.08	.82	.97	1.00
	1030	485	25.0	7.3	1.45	.81	.96	1.00	24.2	7.1	1.63	.82	.98	1.00	23.4	6.9	1.83	.84	.99	1.00	22.6	6.6	2.08	.86	1.00	1.00
67°F (19°C)	860	405	25.4	7.4	1.44	.62	.75	.88	24.6	7.2	1.62	.62	.76	.90	23.8	7.0	1.83	.63	.78	.92	22.6	6.6	2.07	.64	.79	.94
	860	405	25.4	7.4	1.44	.62	.75	.88	24.6	7.2	1.62	.62	.76	.90	23.8	7.0	1.83	.63	.78	.92	22.6	6.6	2.07	.64	.79	.94
	1030	485	26.4	7.7	1.45	.64	.79	.93	25.4	7.4	1.62	.65	.80	.95	24.4	7.2	1.83	.66	.82	.97	23.4	6.9	2.07	.67	.84	.99
71°F (22°C)	860	405	26.8	7.9	1.45	.47	.60	.73	26.0	7.6	1.63	.47	.61	.74	25.0	7.3	1.83	.48	.62	.75	24.0	7.0	2.06	.49	.63	.77
	860	405	26.8	7.9	1.45	.47	.60	.73	26.0	7.6	1.63	.47	.61	.74	25.0	7.3	1.83	.49	.64	.75	24.0	7.0	2.06	.49	.63	.77
	1030	485	27.8	8.1	1.45	.48	.63	.77	26.8	7.9	1.63	.48	.64	.78	25.8	7.6	1.83	.49	.65	.79	24.8	7.3	2.07	.50	.66	.81
HS27-024 — CH33-24/30A-2F with G60UHV-36A COOLING CAPACITY																										
63°F (17°C)	840	395	25.0	7.3	1.45	.79	.93	1.00	24.0	7.0	1.62	.80	.95	1.00	23.2	6.8	1.83	.81	.97	1.00	22.2	6.5	2.08	.83	.99	1.00
	935	440	25.6	7.5	1.45	.81	.96	1.00	24.6	7.2	1.63	.83	.98	1.00	23.8	7.0	1.83	.84	.99	1.00	22.8	6.7	2.08	.86	1.00	1.00
	1030	485	26.0	7.6	1.45	.83	.99	1.00	25.2	7.4	1.62	.85	1.00	1.00	24.2	7.1	1.83	.86	1.00	1.00	23.2	6.8	2.07	.88	1.00	1.00
67°F (19°C)	840	395	26.2	7.7	1.45	.62	.75	.88	25.2	7.4	1.62	.62	.76	.90	23.8	7.0	1.83	.64	.79	.93	22.6	6.6	2.07	.64	.79	.94
	935	440	26.6	7.8	1.45	.64	.79	.93	25.8	7.6	1.62	.65	.80	.95	24.8	7.3	1.83	.66	.82	.97	23.6	6.6	2.07	.64	.79	.94
	1030	485	27.2	8.0	1.45	.65	.81	.96	26.0	7.6	1.63	.66	.83	.98	25.2	7.4	1.83	.67	.84	.99	24.0	7.0	2.07	.68	.86	.99
71°F (22°C)	840	395	27.4	8.0	1.45	.47	.61	.74	26.4	7.7	1.63	.48	.62	.75	25.4	7.4	1.83	.48	.63	.77	24.4	7.2	2.07	.49	.64	.78
	935	440	28.0	8.2	1.45	.48	.63	.77	27.0	7.9	1.63	.49	.64	.78	26.0	7.6	1.83	.49	.64	.80	25.0	7.3	2.07	.50	.66	.81
	1030	485	28.4	8.3	1.46	.49	.64	.79	27.4	8.0	1.63	.49	.65	.80	26.4	7.7	1.83	.50	.66	.82	25.2	7.4	2.06	.50	.67	.84
HS27-024 — CH33-24/30A-2F with G60UHV-36A/B COOLING CAPACITY																										
63°F (17°C)	840	395	25.4	7.4	1.44	.78	.93	1.00	24.6	7.2	1.63	.79	.95	1.00	23.6	6.9	1.83	.81	.97	1.00	22.6	6.6	2.07	.83	.98	1.00
	860	405	25.4	7.4	1.44	.78	.93	1.00	24.6	7.2	1.63	.79	.95	1.00	23.6	6.9	1.83	.81	.97	1.00	22.6	6.6	2.07	.83	.98	1.00
	1030	485	26.4	7.7	1.45	.82	.98	1.00	25.6	7.5	1.63	.84	.99	1.00	24.6	7.2	1.83	.86	1.00	1.00	23.8	7.0	2.07	.88	1.00	1.00
67°F (19°C)	860	405	27.0	7.9	1.45	.62	.76	.90	26.0	7.6	1.62	.63	.77	.92	25.0	7.3	1.83	.64	.78	.93	24.0	7.0	2.07	.65	.80	.96
	860	405	27.0	7.9	1.45	.62	.76	.90	26.0	7.6	1.62	.63	.77	.92	25.0	7.3	1.83	.64	.78	.93	24.0	7.0	2.07	.65	.80	.96
	1030	485	27.8	8.1	1.45	.64	.80	.95	26.8	7.6	1.63	.65	.81	.97	25.8	7.4	1.83	.66	.83	.99	24.6	7.2	2.07	.67	.85	1.00
71°F (22°C)	860	405	28.4	8.3	1.46	.47	.61	.74	27.4	8.0	1.63	.48	.62	.75	26.2	7.7	1.83	.48	.62	.76	25.0	7.3	2.07	.48	.63	.78
	860	405	28.4	8.3	1.46	.48	.62	.76	27.8	8.1	1.63	.48	.63	.78	26.8	7.9	1.83	.48	.64	.79	25.6	7.5	2.07	.49	.65	.81
	1030	485	29.2	8.6	1.46	.48	.63	.78	28.2	8.3	1.64	.49	.65	.80	27.2	8.0	1.84	.49	.66	.82	25.8	7.6	2.07	.50	.67	.84
HS27-024 — CH33-36A/B-2F with G60UHV-36A/B COOLING CAPACITY																										
63°F (17°C)	840	395	25.4	7.4	1.44	.78	.93	1.00	24.4	7.2	1.63	.79	.95	1.00	23.4	6.9	1.83	.81	.97	1.00	22.4	6.6	2.07	.83	.99	1.00
	935	440	25.8	7.6	1.45	.81	.97	1.00	25.0	7.3	1.62	.82	.98	1.00	24.0	7.0	1.83	.84	1.00	1.00	23.0	6.7	2.08	.86	1.00	1.00
	1030	485	26.4	7.7	1.45	.83	.99	1.00	25.4	7.4	1.62	.85	1.00	1.00	24.4											

RATINGS

2 TON

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

Entering Wet Bulb Tempera- ture	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			
HS27-024 — CB29M-41 COOLING CAPACITY																										
63°F (17°C)	600	285	23.1	6.8	1.42	.71	.84	.95	22.3	6.5	1.61	.72	.85	.96	21.4	6.3	1.82	.72	.86	.98	20.6	6.0	2.05	.74	.88	.99
	800	380	24.4	7.2	1.41	.77	.92	1.00	23.5	6.9	1.60	.78	.93	1.00	22.6	6.6	1.81	.79	.95	1.00	21.7	6.4	2.04	.81	.97	1.00
	1000	470	25.4	7.4	1.41	.83	.98	1.00	24.5	7.2	1.60	.85	.99	1.00	23.6	6.9	1.81	.86	1.00	1.00	22.8	6.7	2.04	.88	1.00	1.00
67°F (19°C)	600	285	24.8	7.3	1.41	.56	.68	.80	23.9	7.0	1.60	.56	.69	.82	23.0	6.7	1.81	.57	.70	.83	22.0	6.4	2.04	.57	.71	.85
	800	380	26.0	7.6	1.40	.59	.74	.88	25.0	7.3	1.60	.60	.76	.90	24.0	7.0	1.81	.61	.77	.92	23.0	6.7	2.03	.62	.79	.94
	1000	470	26.8	7.9	1.40	.63	.80	.95	25.7	7.5	1.59	.64	.82	.97	24.7	7.2	1.80	.65	.84	.98	23.6	6.9	2.03	.66	.86	1.00
71°F (22°C)	600	285	26.7	7.8	1.40	.42	.54	.65	25.7	7.5	1.59	.42	.54	.66	24.7	7.2	1.80	.43	.55	.67	23.7	6.9	2.03	.43	.56	.68
	800	380	28.0	8.2	1.39	.43	.57	.71	26.8	7.9	1.59	.44	.58	.73	25.7	7.5	1.80	.44	.59	.75	24.6	7.2	2.02	.44	.60	.76
	1000	470	28.8	8.4	1.38	.45	.61	.78	27.5	8.1	1.58	.45	.63	.79	26.4	7.7	1.79	.45	.64	.81	25.2	7.4	2.02	.46	.65	.83
HS27-024 — CB29M-31 COOLING CAPACITY																										
63°F (17°C)	600	285	23.3	6.8	1.42	.71	.84	.95	22.5	6.6	1.61	.72	.85	.96	21.6	6.3	1.82	.73	.87	.98	20.8	6.1	2.06	.74	.88	.99
	800	380	24.5	7.2	1.42	.77	.92	1.00	23.7	6.9	1.61	.78	.93	1.00	22.8	6.7	1.81	.80	.95	1.00	21.9	6.4	2.05	.81	.97	1.00
	1000	470	25.5	7.5	1.41	.83	.98	1.00	24.6	7.2	1.60	.85	.99	1.00	23.8	7.0	1.81	.87	1.00	1.00	22.9	6.7	2.04	.88	1.00	1.00
67°F (19°C)	600	285	24.9	7.3	1.42	.56	.68	.80	24.0	7.0	1.61	.56	.69	.82	23.2	6.8	1.81	.57	.70	.83	22.2	6.5	2.05	.58	.72	.85
	800	380	26.1	7.6	1.41	.59	.74	.89	25.1	7.4	1.60	.60	.76	.90	24.1	7.1	1.81	.61	.77	.92	23.1	6.8	2.04	.62	.79	.94
	1000	470	26.9	7.9	1.41	.63	.80	.95	25.8	7.6	1.60	.64	.82	.97	24.8	7.3	1.81	.65	.84	.98	23.7	6.9	2.04	.66	.86	1.00
71°F (22°C)	600	285	26.8	7.9	1.41	.42	.54	.65	25.8	7.6	1.60	.42	.54	.66	24.8	7.3	1.81	.43	.55	.67	23.8	7.0	2.03	.43	.56	.68
	800	380	28.0	8.2	1.40	.43	.58	.72	26.9	7.9	1.59	.44	.58	.73	25.8	7.6	1.80	.44	.59	.75	24.7	7.2	2.03	.45	.61	.77
	1000	470	28.7	8.4	1.39	.45	.62	.78	27.5	8.1	1.59	.45	.63	.80	26.4	7.7	1.80	.46	.64	.82	25.3	7.4	2.03	.46	.65	.83
HS27-024 — CB30M-21/26 - CB30U-21/26 COOLING CAPACITY																										
63°F (17°C)	600	285	23.7	6.9	1.42	.70	.84	.95	22.9	6.7	1.61	.71	.85	.97	22.0	6.4	1.82	.73	.86	.98	21.1	6.2	2.05	.74	.88	1.00
	800	380	25.1	7.4	1.42	.77	.92	1.00	24.1	7.1	1.61	.78	.94	1.00	23.2	6.8	1.81	.80	.95	1.00	22.2	6.5	2.05	.81	.97	1.00
	1000	470	26.2	7.7	1.41	.83	.98	1.00	25.2	7.4	1.60	.85	.99	1.00	24.3	7.1	1.81	.86	1.00	1.00	23.4	6.9	2.04	.88	1.00	1.00
67°F (19°C)	600	285	25.5	7.5	1.41	.56	.68	.80	24.0	7.0	1.61	.56	.69	.82	23.2	6.8	1.81	.57	.70	.83	22.6	6.6	2.04	.58	.71	.84
	800	380	26.8	7.9	1.40	.59	.74	.88	25.7	7.5	1.60	.60	.75	.90	24.6	7.2	1.81	.61	.77	.92	23.6	6.9	2.04	.62	.79	.94
	1000	470	27.6	8.1	1.40	.63	.80	.96	26.5	7.8	1.60	.64	.82	.97	25.3	7.4	1.80	.65	.84	.99	24.2	7.1	2.03	.66	.86	1.00
71°F (22°C)	600	285	27.5	8.1	1.40	.42	.53	.65	26.4	7.7	1.60	.42	.54	.66	25.3	7.4	1.81	.43	.55	.67	24.3	7.1	2.03	.43	.56	.68
	800	380	28.8	8.4	1.39	.43	.57	.71	27.6	8.1	1.59	.43	.58	.73	26.4	7.7	1.80	.44	.59	.75	25.3	7.4	2.03	.44	.60	.76
	1000	470	29.7	8.7	1.38	.45	.61	.78	28.3	8.3	1.58	.45	.63	.80	27.1	7.9	1.80	.46	.64	.82	25.9	7.6	2.02	.46	.65	.83
HS27-024 — CB30M-31 - CB30U-31 COOLING CAPACITY																										
63°F (17°C)	600	285	23.7	6.9	1.42	.70	.83	.95	22.7	6.7	1.61	.71	.85	.97	21.9	6.4	1.82	.72	.86	.98	21.1	6.2	2.05	.74	.88	1.00
	800	380	25.1	7.4	1.41	.76	.92	1.00	24.0	7.0	1.60	.78	.94	1.00	23.1	6.8	1.81	.79	.95	1.00	22.1	6.5	2.04	.81	.97	1.00
	1000	470	26.2	7.7	1.40	.83	.98	1.00	25.1	7.4	1.60	.85	.99	1.00	24.2	7.1	1.81	.86	1.00	1.00	23.3	6.8	2.03	.88	1.00	1.00
67°F (19°C)	600	285	25.5	7.5	1.41	.55	.67	.79	24.5	7.2	1.61	.56	.69	.81	23.6	6.9	1.81	.57	.69	.83	22.5	6.6	2.04	.58	.71	.84
	800	380	26.8	7.9	1.40	.59	.74	.88	25.7	7.5	1.60	.60	.75	.90	24.6	7.2	1.81	.61	.77	.92	23.6	6.9	2.04	.62	.79	.94
	1000	470	27.7	8.1	1.39	.62	.80	.95	26.5	7.8	1.59	.64	.82	.97	25.3	7.4	1.80	.65	.84	.99	24.2	7.1	2.03	.66	.86	1.00
71°F (22°C)	600	285	27.5	8.1	1.39	.42	.53	.64	26.4	7.7	1.59	.42	.54	.66	25.3	7.4	1.80	.43	.55	.67	24.2	7.1	2.03	.43	.56	.68
	800	380	28.8	8.4	1.38	.43	.57	.71	27.6	8.1	1.58	.43	.58	.73	26.4	7.7	1.80	.44	.59	.75	25.2	7.4	2.02	.44	.60	.76
	1000	470	29.8	8.7	1.37	.45	.61	.78	28.4	8.3	1.58	.45	.62	.79	27.1	7.9	1.79	.46	.64	.82	25.9	7.6	2.02	.46	.65	.83
HS27-024 — CVP10-26/EC10Q3 COOLING CAPACITY																										
63°F (17°C)	600	285	22.6	6.6	1.45	.74	.86	.97	21.8	6.4	1.63	.74	.87	.99	21.0	6.2	1.84	.76	.89	1.00	20.0	5.9	2.10	.77	.91	1.00
	700	330	23.2	6.8	1.45	.76	.90	1.00	22.4	6.6	1.62	.78	.92	1.00	21.6	6.3	1.83	.79	.93	1.00	20.6	6.0	2.09	.81	.96	1.00
	900	425	24.4	7.2	1.44	.82	.97	1.00	23.6	6.9	1.63	.84	.99	1.00	22.8	6.7	1.83	.86	1.00	1.00	22.0					

RATINGS
2.5 TON

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

Entering Wet Bulb Tempera- ture	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																		
		85°F (29°C)						95°F (35°C)						105°F (41°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	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	
HS27-030 — C23-31 COOLING CAPACITY																				
63°F (17°C)	800	380	25.6	7.5	1.59	.74	.89	.99	24.7	7.2	1.80	.75	.90	1.00	23.8	7.0	2.03	.76	.92	1.00
1000	470	26.6	7.8	1.59	.79	.95	1.00	25.7	7.5	1.80	.81	.96	1.00	24.7	7.2	2.03	.82	.98	1.00	
1200	565	27.5	8.1	1.58	.84	.99	1.00	26.5	7.8	1.80	.86	1.00	1.00	25.6	7.5	2.03	.88	1.00	1.00	
67°F (19°C)	800	380	27.3	8.0	1.58	.58	.72	.85	26.3	7.7	1.80	.59	.73	.87	25.3	7.4	2.03	.59	.74	.88
1000	470	28.2	8.3	1.58	.61	.77	.92	27.1	7.9	1.79	.62	.79	.93	26.0	7.6	2.02	.63	.80	.95	
1200	565	28.8	8.4	1.58	.64	.82	.97	27.7	8.1	1.79	.65	.84	.98	26.6	7.8	2.02	.66	.86	1.00	
71°F (22°C)	800	380	29.3	8.6	1.57	.43	.56	.69	28.2	8.3	1.79	.43	.57	.70	27.1	7.9	2.02	.44	.58	.72
1000	470	30.1	8.8	1.57	.44	.59	.75	29.0	8.5	1.78	.44	.60	.76	27.8	8.1	2.02	.45	.62	.78	
1200	565	30.7	9.0	1.56	.45	.63	.80	29.5	8.6	1.78	.46	.64	.82	28.3	8.3	2.01	.46	.65	.83	
HS27-030 — C23-41 COOLING CAPACITY																				
63°F (17°C)	800	380	26.0	7.6	1.59	.74	.88	.99	25.0	7.3	1.80	.75	.90	1.00	24.1	7.1	2.03	.77	.92	1.00
1000	470	27.0	7.9	1.59	.79	.95	1.00	26.0	7.6	1.80	.81	.96	1.00	25.1	7.4	2.03	.82	.98	1.00	
1200	565	27.9	8.2	1.58	.85	.99	1.00	26.9	7.9	1.79	.86	1.00	1.00	26.0	7.6	2.02	.88	1.00	1.00	
67°F (19°C)	800	380	27.7	8.1	1.58	.58	.71	.85	26.7	7.8	1.79	.58	.73	.87	25.7	7.5	2.03	.59	.74	.88
1000	470	28.6	8.4	1.58	.61	.77	.92	27.5	8.1	1.79	.61	.79	.93	26.4	7.7	2.02	.63	.80	.95	
1200	565	29.2	8.6	1.57	.64	.82	.97	28.1	8.2	1.79	.65	.84	.99	27.0	7.9	2.02	.66	.86	1.00	
71°F (22°C)	800	380	29.8	8.7	1.57	.43	.56	.69	28.6	8.4	1.79	.43	.57	.70	27.5	8.1	2.02	.43	.57	.71
1000	470	30.6	9.0	1.56	.44	.59	.75	29.4	8.6	1.78	.44	.60	.76	28.2	8.3	2.01	.45	.61	.78	
1200	565	31.3	9.2	1.56	.45	.63	.80	30.0	8.8	1.78	.46	.64	.82	28.7	8.4	2.01	.46	.65	.84	
HS27-030 — C26-26 COOLING CAPACITY																				
63°F (17°C)	800	380	26.1	7.6	1.59	.75	.89	1.00	25.1	7.4	1.80	.76	.91	1.00	24.2	7.1	2.03	.78	.93	1.00
1000	470	27.1	7.9	1.58	.81	.96	1.00	26.1	7.6	1.79	.82	.97	1.00	25.2	7.4	2.03	.84	.98	1.00	
1200	565	28.1	8.2	1.58	.86	1.00	1.00	27.1	7.9	1.79	.87	1.00	1.00	26.2	7.7	2.02	.89	1.00	1.00	
67°F (19°C)	800	380	27.8	8.1	1.58	.58	.72	.86	26.7	7.8	1.79	.59	.74	.87	25.7	7.5	2.02	.60	.75	.89
1000	470	28.7	8.4	1.57	.62	.78	.93	27.5	8.1	1.79	.62	.80	.95	26.4	7.7	2.02	.63	.81	.96	
1200	565	29.3	8.6	1.57	.65	.84	.98	28.1	8.2	1.79	.66	.85	.99	27.0	7.9	2.02	.67	.87	1.00	
71°F (22°C)	800	380	29.8	8.7	1.57	.43	.56	.69	28.6	8.4	1.78	.43	.57	.71	27.5	8.1	2.02	.44	.58	.72
1000	470	30.7	9.0	1.56	.44	.59	.75	29.4	8.6	1.78	.45	.61	.77	28.2	8.3	2.01	.45	.62	.79	
1200	565	31.3	9.2	1.55	.46	.64	.81	30.0	8.8	1.78	.46	.65	.83	28.7	8.4	2.01	.47	.66	.84	
HS27-030 — C33-30A/B/C COOLING CAPACITY																				
63°F (17°C)	800	380	26.7	7.8	1.59	.74	.89	1.00	25.7	7.5	1.80	.76	.90	1.00	24.7	7.2	2.03	.79	.94	1.00
1000	470	27.8	8.1	1.58	.80	.95	1.00	26.8	7.9	1.79	.81	.97	1.00	25.7	7.5	2.02	.85	1.00	1.00	
1200	565	28.8	8.4	1.57	.85	1.00	1.00	27.8	8.1	1.79	.87	1.00	1.00	26.8	7.9	2.02	.89	1.00	1.00	
67°F (19°C)	800	380	28.6	8.4	1.57	.58	.71	.85	27.4	8.0	1.79	.58	.73	.87	26.3	7.7	2.02	.59	.75	.89
1000	470	29.5	8.6	1.57	.61	.77	.92	28.3	8.3	1.79	.62	.80	.95	26.4	7.7	2.02	.63	.81	.96	
1200	565	30.2	8.9	1.56	.64	.83	.98	28.9	8.5	1.78	.66	.85	.99	27.7	8.1	2.01	.67	.87	.98	
71°F (22°C)	800	380	29.8	8.7	1.56	.43	.56	.69	28.6	8.4	1.78	.43	.57	.70	27.5	8.1	2.02	.44	.58	.72
1000	470	30.7	9.0	1.56	.44	.59	.75	29.4	8.6	1.78	.45	.60	.77	29.0	8.5	2.01	.45	.62	.78	
1200	565	31.3	9.2	1.55	.46	.64	.81	30.0	9.1	1.77	.46	.64	.82	29.6	8.7	2.01	.46	.66	.84	
HS27-030 — C33-36A/B/C COOLING CAPACITY																				
63°F (17°C)	800	380	27.0	7.9	1.59	.77	.91	1.00	26.0	7.6	1.80	.78	.93	1.00	25.0	7.3	2.03	.80	.95	1.00
1000	470	28.4	8.3	1.60	.82	.98	1.00	27.2	8.0	1.81	.84	.99	1.00	26.0	7.6	2.04	.86	1.00	1.00	
1200	565	29.4	8.6	1.60	.87	1.00	1.00	28.4	8.3	1.81	.89	1.00	1.00	27.4	8.0	2.04	.91	1.00	1.00	
67°F (19°C)	800	380	28.6	8.4	1.60	.62	.75	.87	27.4	8.0	1.81	.62	.76	.89	26.4	7.7	2.04	.63	.77	.94
1000	470	30.0	8.8	1.60	.65	.80	.94	28.6	8.4	1.82	.66	.81	.97	27.1	7.9	2.02	.67	.83	.98	
1200	565	31.0	9.1	1.60	.68	.84	1.00	29.6	8.7	1.82	.69	.87	1.00	28.2	8.3	2.05	.70	.89	1.00	
71°F (22°C)	800	380	29.8	8.7	1.60	.47	.60	.72	28.6	8.4	1.81	.48	.61	.74	27.6	8.1	2.04	.48	.62	.75
1000	470	31.4	9.2	1.60	.49	.63	.77	30.2	8.9	1.82	.49	.65	.79	28.8	8.4	2.05	.50	.66	.81	
1200	565	32.6	9.6	1.60	.51	.67	.82	31.2	9.1	1.82	.51	.68	.84	29.8	8.7	2.05	.52	.69	.87	
HS27-030 — C33-42B COOLING CAPACITY																				
63°F (17°C)	800	380	27.2	8.0	1.59	.78	.92	1.00	26.0	7.6	1.80	.79	.94	1.00	25.0	7.3	2.03	.81	.96	1.00
1000	470	28.6	8.4	1.59	.83	.98	1.00	27.4	8.0	1.81	.85	1.00	1.00	26.4	7.7	2.04	.87	1.00	1.00	
1200	565	29.8	8.7	1.60	.88	1.00	1.00	28.8	8.4	1.82	.90	1.00	1.00	27.6	8.1	2.04	.92	1.00	1.00	
67°F (19°C)	800	380	28.8	8.4	1.60	.62	.75	.88	27.6	8.1	1.81	.63	.77	.90	26.4	7.7	2.04	.64	.78	.92
1000	470	30.2	8.9	1.60	.65	.80	.95	28.8	8.4	1.82	.66	.82	.97	27.6	8.1	2.04	.68	.84	.99	
1200	565	31.2	9.1	1.60	.68	.85	1.00	29.8	8.7	1.82	.70	.88	1.00	28.4	8.3	2.05	.71	.90	1.00	
71°F (22°C)	800	380	30.2	8.9	1.60	.48														

RATINGS

2.5 TON

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

Entering Wet Bulb Tempera- ture	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			
HS27-030 — C23-51 COOLING CAPACITY																										
63°F (17°C)	800	380	27.3	8.0	1.60	.74	.88	1.00	26.3	7.7	1.81	.75	.90	1.00	25.2	7.4	2.04	.76	.92	1.00	24.2	7.1	2.31	.78	.93	1.00
63°F (17°C)	1000	470	28.5	8.4	1.59	.79	.95	1.00	27.4	8.0	1.81	.81	.97	1.00	26.3	7.7	2.04	.83	.98	1.00	25.3	7.4	2.30	.84	1.00	1.00
63°F (17°C)	1200	565	29.6	8.7	1.58	.84	1.00	1.00	28.5	8.4	1.80	.87	1.00	1.00	27.5	8.1	2.03	.88	1.00	1.00	26.4	7.7	2.29	.91	1.00	1.00
67°F (19°C)	800	380	29.4	8.6	1.58	.57	.71	.84	28.1	8.2	1.80	.58	.73	.86	27.0	7.9	2.04	.59	.74	.88	25.8	7.6	2.29	.60	.75	.90
67°F (19°C)	1000	470	30.4	8.9	1.57	.61	.77	.92	29.1	8.5	1.80	.62	.78	.94	27.9	8.2	2.03	.63	.80	.95	26.6	7.8	2.29	.64	.82	.98
67°F (19°C)	1200	565	31.2	9.1	1.56	.64	.82	.97	29.8	8.7	1.79	.65	.84	.99	28.5	8.4	2.03	.67	.86	1.00	27.2	8.0	2.29	.68	.89	1.00
71°F (22°C)	800	380	31.6	9.3	1.56	.43	.55	.68	30.3	8.9	1.79	.43	.56	.70	29.0	8.5	2.03	.43	.57	.71	27.8	8.1	2.28	.44	.58	.72
71°F (22°C)	1000	470	32.6	9.6	1.56	.44	.59	.74	31.2	9.1	1.79	.44	.60	.76	29.9	8.8	2.02	.45	.61	.78	28.5	8.4	2.28	.45	.62	.79
71°F (22°C)	1200	565	33.3	9.8	1.56	.45	.63	.80	31.8	9.3	1.79	.46	.64	.82	30.4	8.9	2.03	.46	.65	.84	29.1	8.5	2.27	.47	.67	.86
HS27-030 — C26-31 COOLING CAPACITY																										
63°F (17°C)	800	380	27.3	8.0	1.60	.74	.88	1.00	26.2	7.7	1.81	.75	.90	1.00	25.2	7.4	2.05	.77	.92	1.00	24.1	7.1	2.31	.79	.94	1.00
63°F (17°C)	1000	470	28.4	8.3	1.59	.80	.95	1.00	27.3	8.0	1.81	.81	.97	1.00	26.3	7.7	2.04	.83	.98	1.00	25.2	7.4	2.30	.85	1.00	1.00
63°F (17°C)	1200	565	29.5	8.6	1.58	.85	1.00	1.00	28.4	8.3	1.80	.87	1.00	1.00	27.4	8.0	2.04	.89	1.00	1.00	26.4	7.7	2.29	.91	1.00	1.00
67°F (19°C)	800	380	29.2	8.6	1.58	.58	.72	.85	28.0	8.2	1.80	.58	.73	.87	26.9	7.9	2.04	.59	.74	.89	25.7	7.5	2.30	.60	.76	.91
67°F (19°C)	1000	470	30.2	8.9	1.58	.61	.77	.92	28.9	8.5	1.80	.62	.79	.94	27.7	8.1	2.03	.63	.81	.96	26.5	7.8	2.29	.64	.83	.98
67°F (19°C)	1200	565	30.9	9.1	1.57	.64	.83	.98	29.6	8.7	1.80	.65	.85	.99	28.3	8.3	2.03	.67	.87	1.00	27.1	7.9	2.29	.68	.89	1.00
71°F (22°C)	800	380	31.4	9.2	1.57	.43	.56	.69	30.1	8.8	1.79	.43	.57	.70	28.8	8.4	2.03	.43	.58	.72	27.6	8.1	2.28	.44	.58	.73
71°F (22°C)	1000	470	32.4	9.5	1.56	.44	.59	.75	31.0	9.1	1.79	.45	.60	.76	29.7	8.7	2.02	.45	.62	.78	28.4	8.3	2.28	.45	.63	.80
71°F (22°C)	1200	565	33.0	9.7	1.56	.45	.63	.80	31.6	9.3	1.79	.46	.64	.82	30.2	8.9	2.02	.46	.66	.84	28.9	8.5	2.28	.47	.67	.87
HS27-030 — C26-41 COOLING CAPACITY																										
63°F (17°C)	800	380	27.4	8.0	1.60	.74	.88	1.00	26.3	7.7	1.81	.75	.90	1.00	25.3	7.4	2.04	.77	.92	1.00	24.2	7.1	2.31	.78	.94	1.00
63°F (17°C)	1000	470	28.6	8.4	1.59	.80	.95	1.00	27.4	8.0	1.81	.81	.97	1.00	26.3	7.7	2.04	.83	.98	1.00	25.3	7.4	2.30	.85	1.00	1.00
63°F (17°C)	1200	565	29.6	8.7	1.58	.85	1.00	1.00	28.6	8.4	1.80	.87	1.00	1.00	27.5	8.1	2.03	.89	1.00	1.00	26.5	7.8	2.29	.91	1.00	1.00
67°F (19°C)	800	380	29.4	8.6	1.58	.57	.71	.85	28.2	8.3	1.80	.58	.73	.87	27.0	7.9	2.04	.59	.74	.89	25.9	7.6	2.29	.60	.76	.90
67°F (19°C)	1000	470	30.4	8.9	1.57	.61	.77	.92	29.1	8.5	1.80	.62	.79	.94	27.9	8.2	2.03	.63	.81	.96	26.6	7.8	2.29	.64	.83	.98
67°F (19°C)	1200	565	31.1	9.1	1.56	.64	.83	.98	29.8	8.7	1.79	.65	.85	.99	28.5	8.4	2.03	.67	.87	1.00	27.2	8.0	2.29	.68	.89	1.00
71°F (22°C)	800	380	31.6	9.3	1.57	.43	.56	.69	30.3	8.9	1.79	.43	.56	.70	29.0	8.5	2.03	.43	.58	.71	27.8	8.1	2.28	.44	.58	.73
71°F (22°C)	1000	470	32.4	9.6	1.56	.44	.59	.75	31.2	9.1	1.79	.45	.60	.76	29.9	8.8	2.02	.45	.62	.78	28.4	8.4	2.28	.45	.63	.80
71°F (22°C)	1200	565	33.3	9.8	1.56	.45	.63	.80	31.8	9.3	1.79	.46	.64	.82	30.4	8.9	2.02	.46	.66	.85	29.0	8.5	2.28	.47	.67	.87
HS27-030 — C33-48B/C COOLING CAPACITY																										
63°F (17°C)	800	380	27.8	8.1	1.59	.76	.90	1.00	26.6	7.8	1.81	.77	.92	1.00	25.6	7.5	2.03	.79	.94	1.00	24.4	7.2	2.28	.81	.96	1.00
63°F (17°C)	1000	470	29.2	8.6	1.60	.81	.97	1.00	28.0	8.2	1.81	.83	.99	1.00	26.6	7.8	2.04	.85	1.00	1.00	25.6	7.5	2.29	.87	1.00	1.00
63°F (17°C)	1200	565	30.4	8.9	1.60	.86	1.00	1.00	29.2	8.6	1.82	.88	1.00	1.00	28.2	8.3	2.05	.91	1.00	1.00	27.0	7.9	2.30	.93	1.00	1.00
67°F (19°C)	800	380	29.6	8.7	1.60	.73	.86	28.4	8.3	1.81	.61	.75	.88	27.2	8.0	2.04	.62	.76	.90	25.8	7.6	2.29	.63	.78	.93	
67°F (19°C)	1000	470	31.0	9.1	1.60	.64	.79	.93	29.6	8.7	1.82	.65	.78	.95	28.4	8.3	2.05	.66	.82	.98	27.0	7.9	2.29	.67	.85	.98
67°F (19°C)	1200	565	32.0	9.4	1.60	.67	.84	.99	30.6	9.0	1.82	.68	.86	.99	29.2	8.6	2.05	.70	.88	1.00	27.8	8.1	2.30	.71	.89	1.00
71°F (22°C)	800	380	31.4	9.2	1.60	.47	.59	.71	30.0	8.8	1.82	.47	.60	.72	28.8	8.4	2.05	.47	.61	.74	27.4	8.0	2.28	.48	.62	.75
71°F (22°C)	1000	470	33.0	9.7	1.60	.48	.62	.76	31.4	9.2	1.83	.49	.64	.78	30.0	8.8	2.06	.49	.65	.80	28.6	8.4	2.30	.50	.66	.82
71°F (22°C)	1200	565	34.0	10.0	1.60	.50	.66	.72	31.2	9.1	1.79	.51	.68	.75	29.8	8.7	2.06	.51	.69	.86	29.6	8.7	2.31	.52	.70	.88
HS27-030 — C33-50/60C COOLING CAPACITY																										
63°F (17°C)	800	380	28.0	8.2	1.60	.77	.90	1.00	27.0	7.9	1.81	.78	.92	1.00	25.8	7.6	2.03	.80	.94	1.00	24.6	7.2	2.28	.81	.97	1.00
63°F (17°C)	1000	470	29.6	8.7	1.60	.82	.97	1.00	28.2	8.3	1.81	.														

RATINGS
2.5 TON

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

Entering Wet Bulb Tempera- ture	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	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C			
HS27-030 — C33-36B with G61MPV-36B COOLING CAPACITY																										
63°F (17°C)	830	390	27.4	8.0	1.59	.77	.91	1.00	26.2	7.7	1.81	.79	.94	1.00	25.0	7.3	2.03	.81	.96	1.00	24.0	7.0	2.28	.82	.98	1.00
1000	470	28.6	8.4	1.59	.82	.98	1.00	27.4	8.0	1.81	.84	1.00	1.00	26.2	7.7	2.04	.86	1.00	1.00	25.2	7.4	2.29	.88	1.00	1.00	
1165	550	29.6	8.7	1.60	.86	1.00	1.00	28.4	8.3	1.81	.89	1.00	1.00	27.4	8.0	2.04	.91	1.00	1.00	26.2	7.7	2.29	.93	1.00	1.00	
67°F (19°C)	830	390	28.8	8.4	1.60	.62	.75	.88	27.6	8.1	1.81	.62	.77	.91	26.4	7.7	2.04	.63	.78	.93	25.4	7.4	2.29	.64	.80	.95
1000	470	30.0	8.8	1.60	.64	.80	.95	28.8	8.4	1.82	.66	.82	.97	27.6	8.1	2.05	.67	.84	.99	26.2	7.7	2.29	.68	.86	1.00	
1165	550	31.0	9.1	1.60	.67	.84	.99	29.6	8.7	1.82	.68	.86	1.00	28.2	8.3	2.05	.70	.88	1.00	27.0	7.9	2.29	.71	.91	1.00	
71°F (22°C)	830	390	30.2	8.9	1.60	.47	.60	.73	29.0	8.5	1.82	.47	.61	.74	27.8	8.1	2.05	.48	.62	.76	26.6	7.8	2.29	.48	.63	.78
1000	470	31.6	9.3	1.60	.48	.63	.77	30.2	8.9	1.82	.49	.64	.79	29.0	8.5	2.05	.49	.66	.81	27.6	8.1	2.30	.50	.67	.83	
1165	550	32.6	9.6	1.60	.50	.66	.82	31.2	9.1	1.82	.50	.67	.84	29.8	8.7	2.06	.51	.69	.86	28.4	8.3	2.30	.52	.70	.89	
HS27-030 — C33-38B with G61MPV-36B COOLING CAPACITY																										
63°F (17°C)	830	390	28.2	8.3	1.59	.77	.91	1.00	27.0	7.9	1.81	.79	.94	1.00	25.8	7.6	2.04	.80	.96	1.00	24.6	7.2	2.28	.82	.98	1.00
1000	470	29.4	8.6	1.60	.82	.98	1.00	28.2	8.3	1.81	.84	1.00	1.00	27.0	7.9	2.04	.86	1.00	1.00	25.8	7.6	2.29	.88	1.00	1.00	
1165	550	30.6	9.0	1.60	.86	1.00	1.00	29.4	8.6	1.82	.89	1.00	1.00	28.2	8.3	2.05	.91	1.00	1.00	27.0	7.9	2.30	.93	1.00	1.00	
67°F (19°C)	830	390	30.0	8.8	1.60	.61	.75	.88	28.8	8.4	1.81	.62	.76	.90	27.4	8.0	2.04	.62	.78	.92	26.2	7.7	2.29	.63	.79	.95
1000	470	31.2	9.1	1.60	.64	.79	.94	29.8	8.7	1.82	.65	.81	.97	28.4	8.3	2.05	.66	.83	.99	27.2	8.0	2.30	.67	.85	1.00	
1165	550	32.2	9.4	1.60	.67	.84	1.00	30.6	9.0	1.82	.68	.86	1.00	29.2	8.6	2.05	.69	.88	1.00	27.8	8.1	2.30	.71	.91	1.00	
71°F (22°C)	830	390	31.8	9.3	1.60	.46	.59	.72	30.4	8.9	1.82	.46	.60	.73	29.2	8.6	2.05	.47	.61	.75	27.8	8.1	2.30	.47	.62	.77
1000	470	33.2	9.7	1.60	.48	.63	.77	31.8	9.3	1.83	.48	.64	.79	30.2	8.9	2.06	.49	.65	.81	28.8	8.4	2.30	.49	.66	.83	
1165	550	34.0	10.0	1.60	.49	.66	.82	32.6	9.6	1.83	.50	.67	.84	31.0	9.1	2.06	.50	.68	.86	29.6	8.7	2.31	.51	.70	.89	
HS27-030 — C33-30A/B with G60UHV-36A/B COOLING CAPACITY																										
63°F (17°C)	860	405	27.4	8.0	1.59	.78	.92	1.00	26.2	7.7	1.81	.79	.94	1.00	25.2	7.4	2.03	.81	.97	1.00	24.0	7.0	2.28	.83	.99	1.00
955	450	28.0	8.2	1.60	.80	.96	1.00	26.8	7.9	1.81	.82	.98	1.00	25.8	7.6	2.03	.84	1.00	1.00	24.6	7.2	2.28	.86	1.00	1.00	
1050	495	28.4	8.3	1.60	.83	.98	1.00	27.4	8.0	1.81	.84	1.00	1.00	26.2	7.7	2.04	.86	1.00	1.00	25.2	7.4	2.29	.89	1.00	1.00	
67°F (19°C)	860	405	28.8	8.4	1.60	.62	.76	.89	27.8	8.1	1.81	.63	.77	.91	26.6	7.8	2.04	.63	.78	.93	25.4	7.4	2.29	.64	.80	.95
955	450	29.6	8.7	1.60	.63	.78	.92	28.4	8.3	1.81	.64	.79	.94	27.2	8.0	2.04	.65	.81	.97	26.0	7.6	2.29	.66	.83	.99	
1050	495	30.0	8.8	1.60	.65	.80	.95	28.8	8.4	1.82	.66	.82	.98	27.6	8.1	2.04	.67	.84	.99	26.4	7.7	2.29	.68	.86	1.00	
71°F (22°C)	860	405	30.2	8.9	1.60	.47	.60	.73	29.0	8.5	1.82	.47	.61	.75	27.8	8.1	2.05	.48	.62	.76	26.6	7.8	2.29	.48	.63	.78
955	450	31.0	9.1	1.60	.48	.62	.75	29.8	8.7	1.82	.48	.63	.77	28.6	8.4	2.05	.48	.64	.79	27.2	8.0	2.30	.49	.65	.81	
1050	495	31.6	9.3	1.60	.49	.63	.78	30.4	8.9	1.82	.49	.65	.80	29.0	8.5	2.05	.49	.66	.82	27.8	8.1	2.30	.50	.67	.84	
HS27-030 — C33-36A/B with G60UHV-36A/B COOLING CAPACITY																										
63°F (17°C)	860	405	27.6	8.1	1.59	.79	.93	1.00	26.4	7.7	1.81	.80	.95	1.00	25.2	7.4	2.03	.82	.97	1.00	24.2	7.1	2.28	.83	.99	1.00
955	450	28.2	8.3	1.60	.81	.96	1.00	27.0	7.9	1.81	.83	.98	1.00	26.0	7.6	2.03	.84	1.00	1.00	24.8	7.3	2.28	.86	1.00	1.00	
1050	495	28.8	8.4	1.60	.83	.99	1.00	27.6	8.1	1.81	.85	1.00	1.00	26.6	7.8	2.04	.87	1.00	1.00	25.4	7.4	2.29	.90	1.00	1.00	
67°F (19°C)	860	405	29.2	8.6	1.60	.62	.76	.90	27.8	8.1	1.81	.63	.78	.92	26.6	7.8	2.04	.64	.79	.94	25.6	7.5	2.29	.65	.81	.96
955	450	29.8	8.7	1.60	.64	.79	.93	28.6	8.4	1.81	.65	.80	.95	27.2	8.0	2.04	.66	.82	.97	26.0	7.6	2.29	.67	.84	.99	
1050	495	30.4	8.9	1.60	.65	.81	.96	29.0	8.5	1.82	.66	.83	.98	27.8	8.1	2.04	.68	.85	1.00	26.4	7.7	2.29	.69	.87	1.00	
71°F (22°C)	860	405	30.6	9.0	1.60	.47	.61	.74	29.2	8.6	1.82	.47	.62	.75	28.0	8.2	2.05	.48	.63	.77	26.8	7.9	2.29	.49	.64	.79
955	450	31.2	9.1	1.60	.48	.62	.76	30.0	8.8	1.82	.48	.63	.77	29.8	8.4	2.05	.49	.65	.80	27.4	8.0	2.30	.49	.66	.82	
1050	495	32.0	9.4	1.60	.49	.64	.78	30.6	9.0	1.82	.49	.65	.80	30.4	8.6	2.06	.49	.66	.82	27.8	8.1	2.30	.50	.68	.85	
HS27-030 — C33-38A/B with G60UHV-36A/B COOLING CAPACITY																										
63°F (17°C)	860	405	28.4	8.3	1.60	.78	.93	1.00	27.2	8.0	1.81	.79	.95	1.00	25.2	7.4	2.03	.81	.97	1.00	24.8	7.3	2.28	.83	.99	1.00
955	450	29.2	8.6	1.60	.80	.96	1.00	27.8	8.1	1.81	.82	.98	1.00	26.0	7.6	2.03	.84	1.00	1.00	25.6	7.5	2.29	.86	1.00	1.00	
1050	495	29.8	8.7	1.60	.83	.99	1.00	28.4	8.3	1.81	.85	1.00	1.00	27.4	8.0	2.04	.87	1.00	1.							

RATINGS

2.5 TON

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

Entering Wet Bulb Tempera- ture	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			
HS27-030 — CR26-48N/W-F COOLING CAPACITY																										
63°F (17°C)	800	380	27.6	8.1	1.59	.76	.90	1.00	26.6	7.8	1.81	.78	.92	1.00	25.4	7.4	2.03	.79	.94	1.00	24.4	7.2	2.28	.81	.96	1.00
63°F (17°C)	1000	470	28.8	8.4	1.60	.81	.97	1.00	27.8	8.1	1.81	.83	.99	1.00	26.6	7.8	2.04	.85	1.00	1.00	25.6	7.5	2.29	.88	1.00	1.00
63°F (17°C)	1200	565	30.2	8.9	1.60	.86	1.00	1.00	29.0	8.5	1.82	.89	1.00	1.00	28.0	8.2	2.05	.91	1.00	1.00	27.0	7.9	2.30	.94	1.00	1.00
67°F (19°C)	800	380	29.4	8.6	1.60	.61	.74	.86	28.2	8.3	1.81	.62	.75	.88	27.0	7.9	2.04	.63	.77	.91	26.0	7.6	2.29	.63	.78	.93
67°F (19°C)	1000	470	30.8	9.0	1.60	.64	.79	.93	29.6	8.7	1.82	.65	.81	.96	28.2	8.3	2.05	.66	.83	.98	27.0	7.9	2.30	.68	.85	1.00
67°F (19°C)	1200	565	31.6	9.3	1.60	.67	.84	.99	30.4	8.9	1.82	.69	.86	1.00	29.0	8.5	2.05	.70	.89	1.00	27.6	8.1	2.30	.72	.92	1.00
71°F (22°C)	800	380	31.0	9.1	1.60	.47	.59	.71	29.8	8.7	1.82	.47	.60	.73	28.8	8.4	2.05	.47	.61	.74	27.4	8.0	2.29	.48	.62	.76
71°F (22°C)	1000	470	32.4	9.5	1.60	.48	.63	.76	31.2	9.1	1.82	.49	.64	.78	30.0	8.8	2.06	.49	.65	.80	28.6	8.4	2.30	.50	.66	.82
71°F (22°C)	1200	565	33.4	9.8	1.60	.50	.66	.81	32.0	9.4	1.83	.50	.67	.83	30.8	9.0	2.06	.51	.69	.86	29.4	8.6	2.31	.52	.71	.89
HS27-030 — CH23-31 COOLING CAPACITY																										
63°F (17°C)	700	330	24.8	7.3	1.59	.74	.86	.98	24.0	7.0	1.79	.75	.88	.99	23.2	6.8	2.02	.77	.90	1.00	22.4	6.6	2.27	.78	.92	1.00
63°F (17°C)	900	425	26.4	7.7	1.59	.79	.93	1.00	25.4	7.4	1.80	.80	.95	1.00	24.4	7.2	2.02	.82	.97	1.00	23.6	6.9	2.28	.84	.99	1.00
63°F (17°C)	1100	520	27.6	8.1	1.59	.83	.98	1.00	26.6	7.8	1.81	.85	.99	1.00	25.8	7.6	2.03	.87	1.00	1.00	24.8	7.3	2.28	.89	1.00	1.00
67°F (19°C)	700	330	26.4	7.7	1.59	.60	.72	.83	25.4	7.4	1.80	.60	.73	.85	24.6	7.2	2.03	.62	.74	.86	23.6	6.9	2.28	.63	.76	.88
67°F (19°C)	900	425	28.0	8.2	1.59	.63	.76	.89	27.0	7.9	1.81	.64	.78	.91	25.8	7.6	2.03	.65	.80	.94	24.8	7.3	2.29	.66	.81	.96
67°F (19°C)	1100	520	29.2	8.6	1.60	.66	.81	.96	28.0	8.2	1.81	.67	.83	.98	26.8	7.9	2.04	.68	.85	.99	25.8	7.6	2.29	.70	.87	1.00
71°F (22°C)	700	330	27.6	8.1	1.59	.47	.59	.70	26.8	7.9	1.81	.47	.59	.71	25.8	7.6	2.03	.47	.60	.72	24.8	7.3	2.29	.48	.61	.73
71°F (22°C)	900	425	29.4	8.6	1.60	.47	.61	.74	28.4	8.3	1.81	.48	.62	.75	27.2	8.0	2.04	.49	.63	.77	26.2	7.7	2.29	.49	.65	.79
71°F (22°C)	1100	520	30.8	9.0	1.60	.49	.64	.79	29.6	8.7	1.82	.50	.66	.81	28.4	8.3	2.05	.51	.67	.83	27.2	8.0	2.30	.51	.68	.85
HS27-030 — CH23-41 COOLING CAPACITY																										
63°F (17°C)	800	380	26.6	7.8	1.59	.76	.89	1.00	25.6	7.5	1.80	.78	.92	1.00	24.6	7.2	2.03	.79	.94	1.00	23.6	6.9	2.28	.81	.96	1.00
63°F (17°C)	1000	470	28.0	8.2	1.59	.81	.96	1.00	27.0	7.9	1.81	.83	.98	1.00	26.0	7.6	2.03	.85	.99	1.00	25.0	7.3	2.28	.87	1.00	1.00
63°F (17°C)	1200	565	29.4	8.6	1.60	.86	1.00	1.00	28.4	8.3	1.81	.88	1.00	1.00	27.4	8.0	2.04	.91	1.00	1.00	26.4	7.7	2.29	.93	1.00	1.00
67°F (19°C)	800	380	28.4	8.3	1.60	.61	.73	.86	27.4	8.0	1.81	.62	.75	.88	26.2	7.7	2.04	.63	.77	.90	25.2	7.4	2.28	.64	.78	.93
67°F (19°C)	1000	470	29.8	8.7	1.60	.64	.79	.93	28.6	8.4	1.81	.65	.81	.95	27.4	8.0	2.04	.66	.82	.98	26.2	7.7	2.29	.68	.85	.99
67°F (19°C)	1200	565	30.8	9.0	1.60	.67	.84	.98	29.6	8.7	1.82	.68	.86	1.00	28.2	8.3	2.05	.70	.88	1.00	27.0	7.9	2.30	.72	.91	1.00
71°F (22°C)	800	380	30.4	8.9	1.60	.47	.59	.71	29.2	8.6	1.82	.48	.60	.73	28.0	8.2	2.05	.48	.61	.74	26.8	7.9	2.29	.48	.62	.76
71°F (22°C)	1000	470	31.8	9.3	1.60	.48	.62	.76	30.6	9.0	1.82	.49	.63	.78	29.2	8.6	2.05	.49	.64	.80	28.0	8.2	2.30	.49	.66	.82
71°F (22°C)	1200	565	33.0	9.7	1.60	.50	.66	.81	31.6	9.3	1.82	.51	.67	.84	30.2	8.9	2.06	.51	.69	.86	28.8	8.4	2.30	.51	.71	.89
HS27-030 — CH33-36A-2F COOLING CAPACITY																										
63°F (17°C)	800	380	27.0	7.9	1.59	.76	.90	1.00	26.0	7.6	1.80	.77	.92	1.00	24.8	7.3	2.03	.79	.94	1.00	23.8	7.0	2.28	.81	.96	1.00
63°F (17°C)	1000	470	28.4	8.3	1.60	.81	.97	1.00	27.2	8.0	1.81	.83	.99	1.00	25.8	7.6	2.03	.85	.99	1.00	25.0	7.3	2.28	.87	1.00	1.00
63°F (17°C)	1200	565	29.4	8.6	1.60	.86	1.00	1.00	28.2	8.3	1.81	.88	1.00	1.00	27.2	8.0	2.04	.90	1.00	1.00	26.2	7.7	2.29	.93	1.00	1.00
67°F (19°C)	800	380	28.8	8.4	1.60	.61	.73	.86	27.6	8.1	1.81	.61	.75	.88	26.4	7.7	2.04	.62	.76	.90	25.4	7.4	2.28	.63	.78	.92
67°F (19°C)	1000	470	30.2	8.9	1.60	.65	.80	.95	28.8	8.4	1.82	.66	.82	.96	27.6	8.1	2.04	.66	.82	.98	26.4	7.7	2.29	.67	.84	.99
67°F (19°C)	1200	565	31.2	9.1	1.60	.68	.85	1.00	29.8	8.7	1.82	.69	.87	1.00	28.4	8.3	2.05	.71	.90	1.00	27.0	7.9	2.30	.72	.92	1.00
71°F (22°C)	800	380	30.0	8.8	1.60	.48	.60	.72	28.8	8.4	1.81	.48	.61	.74	27.6	8.1	2.04	.48	.62	.76	26.4	7.7	2.29	.49	.63	.77
71°F (22°C)	1000	470	31.6	9.3	1.60	.49	.64	.78	30.2	8.9	1.82	.50	.65	.79	29.0	8.5	2.05	.50	.66	.81	27.6	8.1	2.30	.51	.68	.84
71°F (22°C)	1200	565	32.8	9.6	1.60	.51	.67	.83	31.4	9.2	1.82	.51	.68	.85	30.0	8.8	2.06	.52	.70	.87	28.6	8.4	2.30	.53	.72	.89
HS27-030 — CH33-36B-2F COOLING CAPACITY																										
63°F (17°C)	800	380	27.4	8.0	1.59	.77	.91	1.00	26.2	7.7	1.81	.79	.93	1.00	24.8	7.4	2.03	.80	.95	1.00	24.0	7.0	2.28	.82	.97	1.00
63°F (17°C)	1000	470	28.6	8.4	1.60	.82	.97	1.00	27.4	8.0	1.8															

RATINGS

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

Entering Wet Bulb Tempera- ture	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																								
		85°F (29°C)						95°F (35°C)						105°F (41°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	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	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C					
HS27-030 — CH33-42B-2F COOLING CAPACITY																										
63°F (17°C)	800	380	27.8	8.1	1.59	.76	.90	1.00	26.6	7.8	1.81	.77	.92	1.00	25.4	7.4	2.03	.79	.94	1.00	24.2	7.1	2.28	.81	.96	1.00
1000	470	29.2	8.6	1.60	.81	.97	1.00	28.0	8.2	1.81	.83	.99	1.00	26.6	7.8	2.04	.85	1.00	1.00	25.6	7.5	2.29	.87	1.00	1.00	
1200	565	30.4	8.9	1.60	.86	1.00	1.00	29.2	8.6	1.82	.89	1.00	1.00	28.0	8.2	2.05	.91	1.00	1.00	27.0	7.9	2.29	.93	1.00	1.00	
67°F (19°C)	800	380	29.6	8.7	1.60	.60	.73	.86	28.4	8.3	1.81	.61	.75	.88	27.2	8.0	2.04	.62	.76	.90	26.0	7.6	2.29	.63	.78	.93
1000	470	31.0	9.1	1.60	.64	.79	.93	29.6	8.7	1.82	.65	.81	.96	28.4	8.3	2.05	.66	.83	.98	27.0	7.9	2.30	.67	.85	1.00	
1200	565	32.0	9.4	1.60	.67	.84	.99	30.6	9.0	1.82	.68	.86	1.00	29.2	8.6	2.05	.70	.88	1.00	27.8	8.1	2.30	.71	.91	1.00	
71°F (22°C)	800	380	31.4	9.2	1.60	.46	.59	.71	30.0	8.8	1.82	.47	.60	.72	28.8	8.4	2.05	.47	.61	.74	27.6	8.1	2.30	.48	.62	.76
1000	470	32.8	9.6	1.60	.48	.62	.76	31.4	9.2	1.82	.48	.63	.78	30.0	8.8	2.06	.49	.65	.80	28.8	8.4	2.31	.50	.66	.82	
1200	565	34.0	10.0	1.60	.50	.66	.81	32.4	9.5	1.83	.50	.67	.83	31.0	9.1	2.06	.51	.69	.86	29.6	8.7	2.31	.51	.70	.88	
HS27-030 — CH33-44/48B-2F COOLING CAPACITY																										
63°F (17°C)	800	380	28.0	8.2	1.60	.76	.90	1.00	26.8	7.9	1.81	.78	.93	1.00	25.6	7.5	2.03	.79	.95	1.00	24.6	7.2	2.28	.81	.97	1.00
1000	470	29.4	8.6	1.60	.82	.98	1.00	28.2	8.3	1.81	.84	1.00	1.00	27.0	7.9	2.04	.86	1.00	1.00	26.0	7.6	2.29	.88	1.00	1.00	
1200	565	30.8	9.0	1.60	.87	1.00	1.00	29.6	8.7	1.82	.89	1.00	1.00	28.4	8.3	2.05	.92	1.00	1.00	27.2	8.0	2.30	.94	1.00	1.00	
67°F (19°C)	800	380	29.8	8.7	1.60	.61	.74	.87	28.6	8.4	1.81	.61	.75	.89	27.4	8.0	2.04	.62	.77	.91	26.2	7.7	2.29	.64	.79	.94
1000	470	31.4	9.2	1.60	.64	.79	.94	30.0	8.8	1.82	.65	.81	.97	28.6	8.4	2.05	.66	.83	.99	27.2	8.0	2.30	.68	.85	1.00	
1200	565	32.4	9.5	1.60	.67	.85	1.00	31.0	9.1	1.82	.69	.87	1.00	29.4	8.6	2.05	.70	.89	1.00	28.0	8.2	2.30	.72	.92	1.00	
71°F (22°C)	800	380	31.6	9.3	1.60	.46	.59	.71	30.4	8.9	1.82	.47	.60	.73	29.0	8.5	2.05	.47	.61	.74	27.8	8.1	2.30	.48	.62	.76
1000	470	33.2	9.7	1.60	.48	.62	.77	31.8	9.3	1.83	.49	.64	.79	30.4	8.9	2.06	.49	.65	.81	28.8	8.4	2.31	.50	.67	.83	
1200	565	34.4	10.1	1.60	.50	.66	.82	32.8	9.6	1.83	.50	.68	.84	31.2	9.1	2.06	.51	.69	.87	29.8	8.7	2.31	.52	.71	.90	
HS27-030 — CH23-31 with G61MPV-36B/C COOLING CAPACITY																										
63°F (17°C)	800	380	25.6	7.5	1.59	.76	.89	.99	24.8	7.3	1.80	.77	.91	1.00	23.8	7.0	2.03	.78	.93	1.00	22.8	6.7	2.27	.80	.95	1.00
900	425	26.2	7.7	1.59	.78	.92	1.00	25.4	7.4	1.80	.80	.94	1.00	24.4	7.2	2.02	.81	.97	1.00	23.4	6.9	2.28	.83	.98	1.00	
1065	505	27.2	8.0	1.59	.82	.97	1.00	26.2	7.7	1.80	.84	.99	1.00	25.4	7.4	2.03	.86	1.00	1.00	24.6	7.2	2.28	.88	1.00	1.00	
67°F (19°C)	800	380	27.0	7.9	1.59	.61	.74	.87	28.6	8.4	1.81	.61	.75	.89	27.4	8.0	2.04	.62	.77	.91	26.2	7.7	2.28	.63	.78	.92
900	425	27.8	8.1	1.59	.62	.76	.89	26.8	7.9	1.81	.63	.77	.91	25.8	7.6	2.03	.64	.79	.93	24.8	7.3	2.28	.65	.81	.96	
1065	505	28.8	8.4	1.60	.65	.79	.94	27.8	8.1	1.81	.66	.81	.96	26.6	7.8	2.04	.67	.83	.98	25.6	7.5	2.29	.68	.85	.99	
71°F (22°C)	800	380	28.6	8.4	1.60	.46	.59	.71	27.4	8.0	1.81	.47	.60	.72	26.4	7.7	2.04	.47	.61	.74	25.4	7.4	2.29	.47	.62	.75
900	425	29.4	8.6	1.60	.47	.61	.73	28.2	8.3	1.81	.48	.62	.75	27.2	8.0	2.04	.48	.63	.77	26.0	7.6	2.29	.48	.64	.78	
1065	505	30.4	8.9	1.60	.48	.63	.77	29.2	8.6	1.82	.49	.64	.79	28.2	8.3	2.05	.50	.66	.81	27.0	7.9	2.29	.50	.67	.83	
HS27-030 — CH23-41 with G61MPV-36B/C COOLING CAPACITY																										
63°F (17°C)	800	390	26.8	7.9	1.59	.76	.89	.99	24.8	7.3	1.80	.78	.92	1.00	24.6	7.2	2.03	.79	.94	1.00	23.6	6.9	2.28	.81	.96	1.00
1000	470	27.8	8.1	1.59	.80	.96	1.00	26.8	7.9	1.81	.82	.98	1.00	25.8	7.6	2.03	.84	.99	1.00	25.0	7.3	2.28	.86	1.00	1.00	
1165	550	29.0	8.5	1.60	.85	.99	1.00	28.0	8.2	1.81	.87	1.00	1.00	27.0	7.9	2.04	.89	1.00	1.00	26.0	7.6	2.29	.92	1.00	1.00	
67°F (19°C)	800	390	28.6	8.4	1.60	.61	.74	.86	27.6	8.1	1.81	.61	.75	.88	26.4	7.7	2.04	.62	.77	.91	25.2	7.4	2.29	.63	.78	.93
1000	470	29.8	8.7	1.60	.63	.78	.92	28.6	8.4	1.81	.64	.79	.95	27.4	8.0	2.04	.65	.82	.97	26.2	7.7	2.29	.67	.84	.99	
1165	550	30.6	9.0	1.60	.66	.82	.97	29.4	8.6	1.82	.67	.85	.99	28.0	8.2	2.05	.69	.87	.98	26.8	7.9	2.29	.70	.89	.99	
71°F (22°C)	800	390	30.6	9.0	1.60	.47	.59	.71	29.2	8.6	1.82	.47	.60	.73	28.0	8.2	2.05	.47	.61	.74	26.8	7.9	2.29	.47	.62	.76
1000	470	31.8	9.3	1.60	.47	.62	.76	30.4	8.9	1.82	.48	.64	.77	29.2	8.6	2.05	.49	.64	.80	27.8	8.1	2.30	.49	.66	.82	
1165	550	32.8	9.6	1.60	.49	.66	.81	31.4	9.2	1.82	.50	.67	.83	29.8	8.7	2.06	.51	.68	.86	28.4	8.3	2.30	.51	.69	.88	
HS27-030 — CH33-36C-2F with G61MPV-36C COOLING CAPACITY																										
63°F (17°C)	830	390	27.2	8.0	1.59	.77	.92	1.00	26.2	7.7	1.81	.79	.94	1.00	25.0	7.3	2.03	.80	.96	1.00	23.8	7.0	2.28	.82	.98	1.00
1000	470	28.4	8.3	1.60	.82	.97	1.00	27.2	8.0	1.81	.84	.99	1.00	26.0	7.6	2.04	.85	1.00	1.00	25.0	7.3	2.28	.88	1.00	1.00	
1165	550	29.4	8.6	1.60	.86	1.00	1.00	28.2	8.3	1.81	.88	1.00	1.00	27.2	8.0	2.04	.90	1.00	1.00	26.0	7.6	2.29	.93	1.00	1.00	
67°F (19°C)	830	390	28.8	8.4	1.60	.61	.75	.88	27.6	8.1	1.81	.62	.76	.90	26.6	7.8	2.04	.63	.78	.92	25.4					

RATINGS

2.5 TON

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

Entering Wet Bulb Tempera- ture	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			
HS27-030 — CH23-51 with G61MPV-36B/C COOLING CAPACITY																										
63°F (17°C)	830	390	27.6	8.1	1.60	.77	.91	1.00	26.6	7.8	1.81	.78	.93	1.00	25.4	7.4	2.03	.80	.95	1.00	24.2	7.1	2.28	.81	.97	1.00
63°F (17°C)	1000	470	28.8	8.4	1.60	.81	.97	1.00	27.6	8.1	1.81	.83	.99	1.00	26.6	7.8	2.04	.85	1.00	1.00	25.6	7.5	2.29	.87	1.00	1.00
63°F (17°C)	1165	550	30.0	8.8	1.60	.86	1.00	1.00	28.8	8.4	1.82	.88	1.00	1.00	27.8	8.1	2.05	.90	1.00	1.00	26.6	7.8	2.29	.93	1.00	1.00
67°F (19°C)	830	390	29.4	8.6	1.60	.61	.74	.87	28.2	8.3	1.81	.61	.76	.89	27.0	7.9	2.04	.62	.77	.92	25.8	7.6	2.29	.64	.79	.94
67°F (19°C)	1000	470	30.6	9.0	1.60	.63	.79	.93	29.4	8.6	1.82	.64	.80	.96	28.0	8.2	2.05	.66	.82	.98	26.6	7.8	2.29	.67	.85	1.00
67°F (19°C)	1165	550	31.6	9.3	1.60	.66	.83	.98	30.0	8.8	1.82	.68	.85	1.00	28.6	8.4	2.05	.69	.88	1.00	27.4	8.0	2.30	.70	.90	1.00
71°F (22°C)	830	390	31.2	9.1	1.60	.46	.59	.72	29.8	8.7	1.82	.46	.60	.73	28.6	8.4	2.05	.46	.61	.75	27.2	8.0	2.30	.47	.62	.76
71°F (22°C)	1000	470	32.6	9.6	1.60	.47	.62	.76	31.0	9.1	1.82	.48	.63	.78	29.6	8.7	2.05	.48	.64	.80	28.4	8.3	2.30	.49	.66	.82
71°F (22°C)	1165	550	33.6	9.8	1.60	.49	.65	.81	32.0	9.4	1.83	.49	.66	.83	30.4	8.9	2.06	.50	.68	.85	29.0	8.5	2.31	.51	.69	.88
HS27-030 — CH33-44/48B-2F with G61MPV-36B COOLING CAPACITY																										
63°F (17°C)	830	390	28.2	8.3	1.60	.76	.91	1.00	27.0	7.9	1.81	.78	.93	1.00	25.8	7.6	2.04	.79	.95	1.00	24.6	7.2	2.28	.81	.98	1.00
63°F (17°C)	1000	470	29.4	8.6	1.60	.81	.97	1.00	28.0	8.2	1.81	.83	.99	1.00	26.8	7.9	2.04	.85	1.00	1.00	25.8	7.6	2.29	.87	1.00	1.00
63°F (17°C)	1165	550	30.4	8.9	1.60	.86	1.00	1.00	29.2	8.6	1.82	.88	1.00	1.00	28.0	8.2	2.05	.90	1.00	1.00	27.0	7.9	2.29	.93	1.00	1.00
67°F (19°C)	830	390	30.0	8.8	1.60	.60	.74	.87	28.8	8.4	1.81	.61	.75	.89	27.4	8.0	2.04	.62	.77	.92	26.2	7.7	2.29	.79	.94	
67°F (19°C)	1000	470	31.2	9.1	1.60	.63	.78	.94	29.8	8.7	1.82	.64	.81	.96	28.4	8.3	2.05	.66	.82	.98	27.0	7.9	2.30	.67	.85	1.00
67°F (19°C)	1165	550	32.2	9.4	1.60	.66	.83	.99	30.6	9.0	1.82	.67	.85	1.00	29.2	8.6	2.05	.69	.88	1.00	27.8	8.1	2.30	.70	.90	1.00
71°F (22°C)	830	390	31.8	9.3	1.60	.46	.59	.71	30.4	8.9	1.82	.46	.60	.73	29.2	8.6	2.05	.46	.61	.74	27.8	8.1	2.30	.47	.62	.76
71°F (22°C)	1000	470	33.2	9.7	1.60	.47	.62	.76	31.8	9.3	1.83	.48	.63	.78	30.2	8.9	2.06	.48	.64	.80	28.8	8.4	2.30	.49	.66	.82
71°F (22°C)	1165	550	34.2	10.0	1.60	.49	.65	.81	32.6	9.6	1.83	.49	.66	.83	31.0	9.1	2.06	.50	.68	.85	29.6	8.7	2.31	.50	.69	.88
HS27-030 — CH23-31 with G60UHV-36A/B COOLING CAPACITY																										
63°F (17°C)	860	405	26.0	7.6	1.59	.77	.91	1.00	25.0	7.3	1.80	.78	.93	1.00	24.2	7.1	2.02	.80	.95	1.00	23.2	6.8	2.28	.82	.97	1.00
63°F (17°C)	955	450	26.6	7.8	1.59	.79	.94	1.00	25.6	7.5	1.80	.81	.96	1.00	24.6	7.2	2.03	.83	.98	1.00	23.8	7.0	2.28	.84	.99	1.00
63°F (17°C)	1050	495	27.0	7.9	1.59	.81	.97	1.00	26.2	7.7	1.80	.83	.98	1.00	25.2	7.4	2.03	.85	1.00	1.00	24.4	7.2	2.28	.87	1.00	1.00
67°F (19°C)	860	405	27.6	8.1	1.59	.62	.75	.87	26.6	7.8	1.81	.62	.76	.89	25.6	7.5	2.03	.63	.78	.91	24.6	7.2	2.28	.64	.79	.94
67°F (19°C)	955	450	28.2	8.3	1.60	.63	.77	.90	27.2	8.0	1.81	.64	.78	.93	26.0	7.6	2.04	.65	.80	.95	25.0	7.3	2.29	.66	.82	.97
67°F (19°C)	1050	495	28.8	8.4	1.60	.64	.79	.93	27.6	8.1	1.81	.65	.81	.96	26.6	7.8	2.04	.66	.83	.98	25.4	7.4	2.29	.68	.85	.99
71°F (22°C)	860	405	29.0	8.5	1.60	.47	.59	.71	28.0	8.2	1.81	.47	.61	.74	27.0	7.9	2.04	.48	.62	.75	25.8	7.6	2.29	.48	.63	.77
71°F (22°C)	955	450	29.8	8.7	1.60	.48	.62	.74	28.6	8.4	1.81	.48	.62	.76	27.6	8.1	2.04	.49	.64	.78	26.4	7.7	2.29	.49	.65	.80
71°F (22°C)	1050	495	30.4	8.9	1.60	.48	.63	.77	29.2	8.6	1.82	.48	.64	.79	28.0	8.2	2.05	.49	.65	.80	26.8	7.9	2.29	.50	.67	.82
HS27-030 — CH23-41 with G60UHV-36A/B COOLING CAPACITY																										
63°F (17°C)	860	405	27.0	7.9	1.59	.77	.91	1.00	25.8	7.6	1.80	.78	.93	1.00	24.8	7.3	2.03	.80	.95	1.00	23.8	7.0	2.28	.82	.97	1.00
63°F (17°C)	955	450	27.6	8.1	1.59	.79	.94	1.00	26.6	7.8	1.81	.81	.96	1.00	25.6	7.5	2.03	.83	.98	1.00	23.8	7.0	2.28	.84	.99	1.00
63°F (17°C)	1050	495	28.2	8.3	1.60	.82	.97	1.00	27.2	8.0	1.81	.84	.99	1.00	26.2	7.7	2.04	.86	1.00	1.00	25.2	7.4	2.28	.88	1.00	1.00
67°F (19°C)	860	405	28.8	8.4	1.60	.61	.75	.88	27.8	8.1	1.81	.62	.76	.90	26.6	7.8	2.04	.63	.78	.92	25.4	7.4	2.29	.64	.80	.94
67°F (19°C)	955	450	29.6	8.7	1.60	.63	.77	.91	28.4	8.3	1.81	.64	.79	.93	27.2	8.0	2.04	.65	.81	.95	25.8	7.6	2.29	.66	.83	.98
67°F (19°C)	1050	495	30.0	8.8	1.60	.64	.79	.94	28.8	8.4	1.82	.65	.81	.96	27.6	8.1	2.04	.66	.83	.98	26.4	7.7	2.29	.68	.85	.99
71°F (22°C)	860	405	30.8	9.0	1.60	.47	.60	.72	29.4	8.6	1.82	.47	.61	.74	28.4	8.3	2.05	.48	.62	.75	27.0	7.9	2.29	.48	.63	.77
71°F (22°C)	955	450	31.4	9.2	1.60	.48	.61	.73	30.0	8.8	1.82	.48	.63	.77	28.8	8.4	2.05	.49	.64	.78	27.6	8.1	2.30	.49	.65	.81
71°F (22°C)	1050	495	32.0	9.4	1.60	.48	.64	.78	30.6	9.0	1.82	.49	.65	.80	29.2	8.6	2.05	.49	.66	.82	28.0	8.2	2.30	.50	.67	.84
HS27-030 — CH33-36A-2F with G60UHV-36A COOLING CAPACITY																										
63°F (17°C)	750	355	27.3	8.0	1.57	.66	.81	.96	26.3	7.7	1.78	.67	.83	.98	25.3	7.4	2.02	.85	.99	24.3	7.1	2.26	.69	.87	1.00	
63°F (17°C)	950	450	28.4	8.3	1.57	.71	.90	1.0																		

RATINGS
2.5 TON

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

Entering Wet Bulb Tempera- ture	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	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			
HS27-030 — CH33-42B-2F with G60UHV-36B COOLING CAPACITY																										
63°F (17°C)	860	405	28.2	8.3	1.60	.77	.91	1.00	27.0	7.9	1.81	.78	.94	1.00	25.8	7.6	2.04	.80	.96	1.00	24.6	7.2	2.28	.82	.98	1.00
	955	450	28.8	8.4	1.60	.80	.95	1.00	27.6	8.1	1.81	.81	.97	1.00	26.4	7.7	2.04	.83	.99	1.00	25.2	7.4	2.28	.85	1.00	1.00
	1050	495	29.4	8.6	1.60	.82	.98	1.00	28.2	8.3	1.81	.84	1.00	1.00	26.8	7.9	2.04	.86	1.00	1.00	25.8	7.6	2.29	.88	1.00	1.00
67°F (19°C)	860	405	30.0	8.8	1.60	.61	.74	.88	28.8	8.4	1.81	.61	.76	.90	27.4	8.0	2.04	.62	.77	.92	26.2	7.7	2.29	.64	.79	.95
	955	450	30.6	9.0	1.60	.62	.77	.91	29.4	8.6	1.82	.63	.78	.94	28.0	8.2	2.05	.64	.80	.96	26.6	7.8	2.29	.65	.82	.98
	1050	495	31.2	9.1	1.60	.64	.80	.94	29.8	8.7	1.82	.65	.81	.97	28.4	8.3	2.05	.66	.83	.99	27.2	8.0	2.30	.67	.85	1.00
71°F (22°C)	860	405	31.8	9.3	1.60	.46	.59	.72	30.4	8.9	1.82	.47	.60	.73	29.2	8.6	2.05	.47	.61	.75	27.8	8.1	2.30	.47	.62	.77
	955	450	32.6	9.6	1.60	.47	.61	.74	31.2	9.1	1.82	.47	.62	.76	29.8	8.7	2.06	.48	.63	.78	28.4	8.3	2.30	.48	.64	.80
	1050	495	33.2	9.7	1.60	.48	.63	.77	31.6	9.3	1.83	.48	.63	.79	30.2	8.9	2.06	.49	.65	.81	28.8	8.4	2.31	.49	.66	.83
HS27-030 — CH33-44/48B-2F with G60UHV-36B COOLING CAPACITY																										
63°F (17°C)	860	405	28.4	8.3	1.60	.77	.92	1.00	27.2	8.0	1.81	.79	.94	1.00	26.0	7.6	2.04	.80	.96	1.00	24.8	7.3	2.29	.82	.99	1.00
	955	450	29.0	8.5	1.60	.80	.96	1.00	27.8	8.1	1.81	.82	.98	1.00	26.6	7.8	2.04	.84	1.00	1.00	25.4	7.4	2.29	.86	1.00	1.00
	1050	495	29.6	8.7	1.60	.82	.99	1.00	28.4	8.3	1.81	.84	1.00	1.00	27.2	8.0	2.04	.86	1.00	1.00	26.2	7.7	2.29	.89	1.00	1.00
67°F (19°C)	860	405	30.2	8.9	1.60	.61	.75	.88	29.0	8.5	1.81	.62	.76	.91	27.6	8.1	2.04	.63	.78	.93	26.4	7.7	2.29	.64	.80	.95
	955	450	31.0	9.1	1.60	.62	.77	.92	29.6	8.7	1.82	.63	.79	.94	28.2	8.3	2.05	.65	.81	.97	27.0	7.9	2.30	.66	.83	.99
	1050	495	31.6	9.3	1.60	.64	.80	.95	30.2	8.9	1.82	.65	.82	.98	28.8	8.4	2.05	.66	.84	1.00	27.4	8.0	2.30	.68	.86	1.00
71°F (22°C)	860	405	32.2	9.4	1.60	.46	.59	.72	30.8	9.0	1.82	.47	.60	.74	29.4	8.6	2.05	.47	.61	.75	28.0	8.2	2.30	.47	.63	.77
	955	450	32.8	9.6	1.60	.47	.61	.75	31.4	9.2	1.82	.47	.62	.76	30.0	8.8	2.06	.48	.63	.79	28.6	8.4	2.30	.48	.65	.80
	1050	495	33.4	9.8	1.60	.47	.63	.77	32.0	9.4	1.83	.48	.64	.79	30.6	9.0	2.06	.49	.65	.81	29.0	8.5	2.31	.49	.67	.84
HS27-030 — CB29M-41 COOLING CAPACITY																										
63°F (17°C)	800	380	26.1	7.6	1.59	.74	.89	.99	25.2	7.4	1.80	.76	.90	1.00	24.2	7.1	2.03	.77	.92	1.00	23.3	6.8	2.29	.79	.94	1.00
	1000	470	27.2	8.0	1.58	.80	.95	1.00	26.2	7.7	1.79	.81	.97	1.00	25.2	7.4	2.03	.83	.98	1.00	24.3	7.1	2.28	.85	.99	1.00
	1200	565	28.1	8.2	1.58	.85	1.00	1.00	27.2	8.0	1.79	.87	1.00	1.00	26.2	7.7	2.02	.86	1.00	1.00	25.3	7.4	2.28	.91	1.00	1.00
67°F (19°C)	800	380	27.9	8.2	1.58	.58	.72	.85	26.8	7.9	1.79	.59	.73	.87	25.8	7.6	2.02	.59	.74	.89	24.7	7.2	2.28	.60	.76	.90
	1000	470	28.8	8.4	1.57	.61	.77	.92	27.7	8.1	1.79	.62	.79	.94	26.5	7.8	2.02	.63	.81	.96	25.4	7.4	2.28	.64	.83	.97
	1200	565	29.5	8.6	1.57	.64	.83	.98	28.3	8.3	1.78	.66	.84	.99	27.1	7.9	2.02	.67	.86	1.00	26.0	7.6	2.27	.68	.88	1.00
71°F (22°C)	800	380	30.0	8.8	1.56	.43	.56	.69	28.8	8.4	1.78	.43	.57	.70	27.6	8.1	2.01	.43	.58	.72	26.5	7.8	2.27	.44	.58	.73
	1000	470	30.9	9.1	1.55	.44	.60	.75	29.6	8.7	1.78	.45	.60	.77	28.4	8.3	2.01	.45	.62	.78	27.2	8.0	2.26	.45	.63	.80
	1200	565	31.5	9.2	1.55	.45	.63	.80	30.2	8.9	1.77	.46	.64	.82	28.9	8.5	2.01	.46	.66	.84	27.7	8.1	2.26	.47	.67	.86
HS27-030 — CB29M-31 COOLING CAPACITY																										
63°F (17°C)	800	380	26.1	7.6	1.59	.75	.89	.99	25.2	7.4	1.80	.76	.90	1.00	24.3	7.1	2.03	.77	.92	1.00	23.3	6.8	2.29	.78	.94	1.00
	1000	470	27.1	7.9	1.59	.80	.96	1.00	26.2	7.7	1.80	.81	.97	1.00	25.2	7.4	2.03	.83	.98	1.00	24.3	7.1	2.28	.85	.99	1.00
	1200	565	28.0	8.2	1.58	.85	1.00	1.00	27.1	7.9	1.79	.87	1.00	1.00	26.2	7.7	2.03	.89	1.00	1.00	25.3	7.4	2.28	.91	1.00	1.00
67°F (19°C)	800	380	27.8	8.1	1.58	.58	.72	.86	26.8	7.9	1.80	.59	.73	.87	25.8	7.6	2.03	.59	.74	.89	24.7	7.2	2.28	.60	.76	.91
	1000	470	28.7	8.4	1.58	.61	.77	.92	27.6	8.1	1.79	.62	.79	.94	26.5	7.8	2.02	.63	.81	.96	25.4	7.4	2.28	.64	.83	.97
	1200	565	29.3	8.6	1.57	.64	.83	.98	28.2	8.3	1.79	.65	.85	.99	27.1	7.9	2.02	.67	.86	1.00	26.0	7.6	2.28	.68	.88	1.00
71°F (22°C)	800	380	29.8	8.7	1.57	.43	.56	.69	28.7	8.4	1.79	.43	.57	.71	27.6	8.1	2.02	.43	.58	.72	26.5	7.8	2.27	.44	.58	.74
	1000	470	30.7	9.0	1.57	.44	.60	.75	29.5	8.6	1.78	.44	.61	.77	28.3	8.3	2.02	.45	.62	.78	27.1	7.9	2.27	.45	.63	.80
	1200	565	31.3	9.2	1.56	.45	.63	.81	30.0	8.8	1.78	.46	.65	.82	28.8	8.4	2.01	.46	.66	.84	27.6	8.1	2.27	.47	.67	.86
HS27-030 — CB30M-21/26 - CB30U-21/26 COOLING CAPACITY																										
63°F (17°C)	800	380	26.9	7.9	1.59	.74	.89	1.00	25.9	7.6	1.80	.76	.90	1.00	24.9	7.3	2.04	.77	.92	1.00	23.9	7.0	2.30	.78	.94	1.00
	1000	470	28.1	8.2	1.58	.80	.95	1.00	27.0	7.9	1.80	.82	.97	1.00	26.7	7.6	2.03	.83	.98	1.00	25.0	7.3	2.29	.85	1.00	1.00
	1200	565	29.1	8.5	1.58	.85	1.00	1.00	28.1	8.2	1.80	.87	1.00	1.00	27.1	7.9	2.03	.89	1.00	1.00	26.1	7.6	2.28	.91	1.00	1.00
67°F (19°C)	800	380	28.8	8.4	1.58	.58	.72	.85	27.7	8.1	1.80	.58	.73	.87	26.6</											

RATINGS

2.5 TON

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

Entering Wet Bulb Tempera- ture	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	kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C

HS27-030 — CB31MV-41 COOLING CAPACITY

63°F (17°C)	800	380	27.8	8.1	1.60	.74	.88	1.00	26.7	7.8	1.82	.75	.90	1.00	25.7	7.5	2.05	.77	.92	1.00	24.6	7.2	2.31	.78	.94	1.00
1000	470	29.0	8.5	1.59	.80	.96	1.00	27.9	8.2	1.81	.81	.97	1.00	26.8	7.9	2.04	.83	.99	1.00	25.7	7.5	2.30	.85	1.00	1.00	
1200	565	30.2	8.9	1.58	.85	1.00	1.00	29.1	8.5	1.80	.87	1.00	1.00	28.0	8.2	2.04	.89	1.00	1.00	26.9	7.9	2.29	.91	1.00	1.00	
67°F (19°C)	800	380	29.9	8.8	1.58	.58	.71	.85	28.6	8.4	1.81	.58	.73	.87	27.5	8.1	2.04	.59	.74	.88	26.3	7.7	2.30	.60	.76	.91
1000	470	31.0	9.1	1.57	.61	.77	.92	29.6	8.7	1.80	.62	.79	.94	28.3	8.3	2.04	.63	.81	.96	27.1	7.9	2.29	.64	.82	.98	
1200	565	31.7	9.3	1.57	.64	.83	.98	30.3	8.9	1.80	.66	.85	1.00	29.0	8.5	2.03	.67	.87	1.00	27.7	8.1	2.29	.68	.89	1.00	
71°F (22°C)	800	380	32.2	9.4	1.57	.43	.56	.68	30.8	9.0	1.79	.43	.56	.70	29.5	8.6	2.03	.43	.57	.71	28.2	8.3	2.29	.44	.58	.73
1000	470	33.2	9.7	1.57	.44	.59	.74	31.7	9.3	1.80	.44	.61	.76	30.3	8.9	2.03	.45	.62	.78	29.0	8.5	2.28	.45	.63	.80	
1200	565	33.9	9.9	1.57	.45	.63	.80	32.4	9.5	1.80	.46	.64	.82	30.9	9.1	2.03	.47	.66	.85	29.5	8.6	2.28	.47	.67	.87	

HS27-030 — CVP10-31/EC10Q3 COOLING CAPACITY

63°F (17°C)	800	380	25.7	7.5	1.59	.74	.88	1.00	24.8	7.3	1.80	.75	.90	1.00	23.8	7.0	2.04	.76	.92	1.00	22.8	6.7	2.30	.78	.94	1.00
1000	470	26.8	7.9	1.58	.80	.95	1.00	25.8	7.6	1.80	.81	.97	1.00	24.8	7.3	2.03	.83	.98	1.00	23.9	7.0	2.29	.85	1.00	1.00	
1200	565	27.8	8.1	1.58	.85	1.00	1.00	26.9	7.9	1.80	.87	1.00	1.00	25.9	7.6	2.03	.89	1.00	1.00	24.9	7.3	2.28	.91	1.00	1.00	
67°F (19°C)	800	380	27.5	8.1	1.58	.58	.72	.85	26.5	7.8	1.80	.58	.72	.86	25.4	7.4	2.03	.59	.74	.88	24.3	7.1	2.29	.60	.76	.90
1000	470	28.5	8.4	1.57	.61	.77	.92	27.3	8.0	1.79	.62	.79	.94	26.2	7.7	2.03	.63	.81	.96	25.1	7.4	2.28	.64	.82	.97	
1200	565	29.2	8.6	1.57	.64	.83	.98	28.0	8.2	1.79	.66	.85	.99	26.8	7.9	2.02	.67	.87	1.00	25.7	7.5	2.28	.68	.88	1.00	
71°F (22°C)	800	380	29.6	8.7	1.56	.43	.56	.69	28.4	8.3	1.79	.43	.57	.70	27.2	8.0	2.02	.43	.57	.71	26.1	7.6	2.28	.44	.58	.73
1000	470	30.6	9.0	1.56	.44	.59	.75	29.3	8.6	1.78	.44	.60	.76	28.1	8.2	2.02	.45	.61	.78	26.8	7.9	2.27	.45	.63	.80	
1200	565	31.2	9.1	1.56	.46	.63	.80	29.9	8.8	1.78	.46	.64	.82	28.6	8.4	2.01	.47	.66	.84	27.3	8.0	2.27	.47	.67	.86	

HS27-030 — CVP10-41/EC10Q3 COOLING CAPACITY

63°F (17°C)	800	380	26.0	7.6	1.59	.73	.88	1.00	25.0	7.3	1.80	.75	.90	1.00	24.0	7.0	2.03	.77	.92	1.00	23.0	6.7	2.29	.78	.93	1.00
1000	470	27.2	8.0	1.58	.80	.95	1.00	26.1	7.6	1.80	.81	.97	1.00	25.1	7.4	2.03	.83	.98	1.00	24.1	7.1	2.29	.85	1.00	1.00	
1200	565	28.2	8.3	1.57	.85	1.00	1.00	27.2	8.0	1.79	.87	1.00	1.00	26.2	7.7	2.02	.89	1.00	1.00	25.2	7.4	2.28	.91	1.00	1.00	
67°F (19°C)	800	380	28.0	8.2	1.57	.57	.71	.85	26.8	7.9	1.79	.58	.72	.86	25.7	7.5	2.03	.59	.74	.88	24.6	7.2	2.28	.60	.75	.90
1000	470	29.0	8.5	1.56	.61	.77	.92	27.7	8.1	1.79	.62	.79	.94	26.5	7.8	2.02	.63	.80	.96	25.4	7.4	2.28	.64	.82	.98	
1200	565	29.7	8.7	1.56	.64	.82	.98	28.4	8.3	1.78	.65	.85	.99	27.2	8.0	2.02	.66	.86	1.00	26.0	7.6	2.27	.68	.88	1.00	
71°F (22°C)	800	380	30.1	8.8	1.56	.43	.55	.68	28.9	8.5	1.78	.43	.56	.70	27.6	8.1	2.02	.43	.57	.71	26.4	7.7	2.27	.44	.58	.73
1000	470	31.1	9.1	1.55	.44	.59	.74	29.8	8.7	1.78	.44	.60	.76	28.5	8.4	2.01	.45	.61	.78	27.2	8.0	2.27	.45	.63	.80	
1200	565	31.8	9.3	1.55	.45	.63	.80	30.3	8.9	1.78	.46	.64	.82	29.0	8.5	2.01	.46	.66	.84	27.7	8.1	2.26	.47	.67	.86	

HS27-036 — C23-41 COOLING CAPACITY

63°F (17°C)	1000	470	32.2	9.4	1.96	.74	.89	.99	31.2	9.1	2.22	.75	.90	1.00	30.0	8.8	2.51	.77	.92	1.00	28.8	8.4	2.85	.79	.93	1.00
1000	470	33.2	9.7	1.96	.79	.94	1.00	32.5	9.5	2.22	.80	.95	1.00	30.9	9.1	2.51	.82	.97	1.00	29.7	8.7	2.85	.84	.98	1.00	
1200	565	34.0	10.0	1.96	.83	.98	1.00	33.4	9.8	2.22	.84	.98	1.00	31.8	9.3	2.50	.86	1.00	1.00	30.6	9.0	2.84	.88	1.00	1.00	
67°F (19°C)	1000	470	34.3	10.1	1.95	.58	.72	.85	33.1	9.7	2.21	.59	.73	.87	31.9	9.3	2.50	.59	.74	.88	30.5	8.9	2.84	.60	.76	.90
1000	470	35.4	10.2	1.96	.58	.72	.85	33.6	9.8	2.22	.58	.73	.87	32.3	9.5	2.51	.59	.74	.88	30.9	9.1	2.85	.62	.78	.90	
1200	565	35.6	10.4	1.96	.60	.76	.91	34.3	10.1	2.21	.61	.78	.92	32.6	9.6	2.50	.62	.79	.94	31.2	9.1	2.84	.63	.81	.96	
71°F (22°C)	1000	470	36.6	10.7	1.95	.43	.56	.69	35.4	10.4	2.22	.43	.57	.70	3											

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

Entering Wet Bulb Tempera- ture	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																		
		85°F (29°C)						95°F (35°C)						105°F (41°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	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	
HS27-036 — C33-42B COOLING CAPACITY																				
63°F (17°C)	1000	470	33.4	9.8	1.96	.77	.91	1.00	32.2	9.4	2.20	.78	.92	1.00	31.0	9.1	2.47	.80	.94	1.00
	1200	565	34.6	10.1	1.96	.81	.96	1.00	33.4	9.8	2.20	.83	.98	1.00	32.2	9.4	2.48	.84	.99	1.00
	1400	660	35.8	10.5	1.97	.85	1.00	1.00	34.6	10.1	2.21	.87	1.00	1.00	33.4	9.8	2.49	.88	1.00	1.00
67°F (19°C)	1000	470	35.0	10.3	1.97	.62	.75	.87	34.0	10.0	2.21	.63	.76	.89	32.6	9.6	2.48	.63	.77	.91
	1200	565	36.4	10.7	1.97	.64	.79	.93	35.2	10.3	2.21	.65	.80	.95	33.8	9.9	2.49	.66	.82	.97
	1400	660	37.4	11.0	1.98	.67	.83	.98	36.0	10.6	2.22	.68	.84	.99	34.6	10.1	2.49	.69	.86	1.00
71°F (22°C)	1000	470	36.6	10.7	1.98	.48	.60	.73	35.4	10.4	2.22	.48	.61	.74	34.2	10.0	2.49	.48	.62	.75
	1200	565	38.0	11.1	1.98	.49	.63	.77	36.8	10.8	2.22	.49	.64	.78	35.4	10.4	2.49	.50	.65	.80
	1400	660	39.0	11.4	1.99	.50	.66	.81	37.8	11.1	2.23	.51	.67	.82	36.4	10.7	2.51	.51	.68	.84
HS27-036 — C23-51 COOLING CAPACITY																				
63°F (17°C)	1000	470	34.6	10.1	1.98	.74	.88	.99	33.3	9.8	2.23	.75	.90	1.00	32.0	9.4	2.53	.77	.92	1.00
	1200	565	35.7	10.5	1.97	.79	.94	1.00	34.4	10.1	2.23	.80	.96	1.00	33.1	9.7	2.52	.81	.97	1.00
	1400	660	36.7	10.8	1.97	.83	.98	1.00	35.4	10.4	2.22	.84	.99	1.00	34.2	10.0	2.52	.86	1.00	1.00
67°F (19°C)	1000	470	36.9	10.8	1.97	.57	.71	.85	35.6	10.4	2.22	.58	.72	.86	34.2	10.0	2.52	.59	.74	.88
	1200	565	37.9	11.1	1.97	.60	.76	.91	36.5	10.7	2.22	.61	.77	.92	35.0	10.3	2.51	.62	.79	.94
	1400	660	38.6	11.3	1.97	.63	.81	.96	37.2	10.9	2.22	.64	.82	.97	35.7	10.5	2.51	.65	.84	.99
71°F (22°C)	1000	470	39.5	11.6	1.97	.43	.56	.69	38.1	11.2	2.22	.43	.56	.70	36.6	10.7	2.51	.43	.57	.71
	1200	565	40.5	11.9	1.96	.44	.59	.74	39.0	11.4	2.21	.44	.59	.75	37.5	11.0	2.50	.45	.61	.77
	1400	660	41.2	12.1	1.96	.45	.62	.78	39.7	11.6	2.21	.45	.62	.80	38.1	11.2	2.50	.46	.64	.81
HS27-036 — C33-44C COOLING CAPACITY																				
63°F (17°C)	1000	470	34.4	10.1	1.96	.76	.89	1.00	33.2	9.7	2.20	.77	.91	1.00	31.8	9.3	2.48	.78	.93	1.00
	1200	565	35.6	10.4	1.97	.80	.95	1.00	34.4	10.1	2.21	.81	.97	1.00	33.0	9.7	2.49	.83	.99	1.00
	1400	660	36.8	10.8	1.98	.84	.99	1.00	35.4	10.4	2.21	.85	1.00	1.00	34.2	10.0	2.49	.87	1.00	1.00
67°F (19°C)	1000	470	36.4	10.7	1.98	.61	.74	.86	35.2	10.3	2.21	.62	.75	.87	33.8	9.9	2.49	.62	.76	.89
	1200	565	37.6	11.0	1.98	.64	.77	.92	36.4	10.7	2.22	.64	.79	.93	34.8	10.2	2.50	.65	.80	.95
	1400	660	38.5	11.3	1.99	.66	.82	.97	37.2	10.9	2.23	.67	.83	.98	35.8	10.5	2.50	.68	.85	1.00
71°F (22°C)	1000	470	38.5	11.3	1.99	.47	.59	.71	37.0	10.8	2.22	.48	.60	.72	35.6	10.4	2.50	.48	.61	.75
	1200	565	40.0	11.7	1.99	.48	.63	.75	38.5	11.3	2.23	.49	.62	.77	36.8	10.8	2.51	.49	.64	.78
	1400	660	41.0	12.0	2.00	.49	.65	.79	39.5	11.6	2.24	.50	.66	.81	37.8	11.1	2.51	.50	.67	.83
HS27-036 — C26-41 COOLING CAPACITY																				
63°F (17°C)	1000	470	34.4	10.1	1.96	.76	.89	1.00	33.2	9.7	2.21	.77	.90	1.00	32.0	9.4	2.48	.78	.93	1.00
	1200	565	35.8	10.5	1.97	.80	.94	1.00	34.6	10.1	2.21	.81	.96	1.00	33.2	9.7	2.49	.83	.98	1.00
	1400	660	37.0	10.8	1.98	.83	.99	1.00	35.6	10.4	2.22	.85	1.00	1.00	34.2	10.0	2.49	.86	1.00	1.00
67°F (19°C)	1000	470	36.4	10.7	1.98	.61	.73	.85	35.2	10.3	2.21	.61	.75	.87	33.8	9.9	2.49	.62	.76	.91
	1200	565	37.8	11.1	1.98	.63	.77	.91	36.4	10.7	2.22	.64	.79	.93	34.8	10.2	2.50	.65	.80	.95
	1400	660	39.0	11.4	1.99	.66	.81	.96	37.4	11.0	2.23	.66	.82	.98	36.0	10.6	2.50	.67	.84	.99
71°F (22°C)	1000	470	38.5	11.3	1.99	.47	.59	.71	37.2	10.9	2.23	.48	.60	.72	35.8	10.5	2.50	.48	.61	.75
	1200	565	40.0	11.7	1.99	.48	.63	.75	38.5	11.3	2.24	.48	.63	.76	37.0	10.8	2.51	.49	.64	.78
	1400	660	41.0	12.0	2.00	.49	.64	.79	39.5	11.6	2.24	.50	.65	.80	37.8	11.1	2.51	.50	.67	.84
HS27-036 — C33-38A/B COOLING CAPACITY																				
63°F (17°C)	1000	470	34.9	10.2	1.99	.74	.89	.99	33.6	9.8	2.24	.76	.90	1.00	32.3	9.5	2.54	.77	.92	1.00
	1200	565	36.0	10.6	1.98	.79	.94	1.00	34.7	10.2	2.24	.80	.96	1.00	33.4	9.8	2.53	.82	.98	1.00
	1400	660	37.0	10.8	1.98	.83	.98	1.00	35.7	10.5	2.24	.85	1.00	1.00	34.5	10.1	2.53	.87	1.00	1.00
67°F (19°C)	1000	470	37.2	10.9	1.98	.58	.72	.85	35.8	10.5	2.24	.59	.73	.87	34.4	10.1	2.53	.59	.74	.91
	1200	565	38.1	11.2	1.98	.60	.77	.91	36.7	10.8	2.23	.61	.78	.93	35.3	10.3	2.53	.65	.80	.95
	1400	660	38.8	11.4	1.98	.63	.81	.96	37.4	11.0	2.23	.64	.83	.98	35.9	10.5	2.52	.65	.84	.99
71°F (22°C)	1000	470	39.8	11.7	1.98	.43	.56	.69	38.4	11.3	2.23	.43	.57	.70	36.9	10.8	2.52	.43	.57	.72
	1200	565	40.7	11.9	1.97	.44	.59	.74	39.2	11.5	2.23	.44	.60	.75	37.7	11.0	2.52	.45	.61	.77
	1400	660	41.4	12.1	1.97	.45	.62	.79	39.9	11.7	2.22	.45	.63	.80	38.3	11.2	2.51	.46	.64	.82
HS27-036 — C33-50/60C COOLING CAPACITY																				
63°F (17°C)	1000	470	34.8	10.2	1.96	.77	.90	1.00	33.6	9.8	2.21	.77	.92	1.00	32.2	9.4	2.48	.79	.94	1.00
	1200	565	36.0	10.6	1.97	.81	.96	1.00	34.8	10.2	2.21	.82	.98	1.00	33.4	9.8	2.49	.84	.98	1.00
	1400	660	37.2	10.9	1.98	.85	1.00	1.00	36.0	10.6	2.22	.87	1.00	1.00	34.8	10.2	2.49	.88	1.00	1.00
67°F (19°C)	1000	470	36.8	10.8	1.98	.62	.75	.87	35.4	10.4	2.21	.62	.75	.88	34.2	10.0	2.49	.62	.77	.93
	1200	565	38.0	11.1	1.98	.64	.79	.93	36.6	10.7	2.22	.65	.80	.95	35.2	10.3	2.50	.		

RATINGS

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

Entering Wet Bulb Tempera- ture	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			
HS27-036 — C26-51/65 COOLING CAPACITY																										
63°F (17°C)	1000	470	35.3	10.3	1.98	.74	.89	1.00	34.0	10.0	2.24	.75	.90	1.00	32.6	9.6	2.53	.77	.92	1.00	31.2	9.1	2.87	.78	.94	1.00
	1200	565	36.5	10.7	1.98	.79	.95	1.00	35.2	10.3	2.23	.80	.96	1.00	33.8	9.9	2.53	.82	.98	1.00	32.4	9.5	2.86	.84	1.00	1.00
	1400	660	37.6	11.0	1.98	.84	.99	1.00	36.3	10.6	2.23	.85	1.00	1.00	35.1	10.3	2.52	.87	1.00	1.00	33.7	9.9	2.86	.89	1.00	1.00
67°F (19°C)	1000	470	37.7	11.0	1.98	.58	.72	.85	36.3	10.6	2.23	.58	.73	.87	34.9	10.2	2.52	.59	.74	.89	33.3	9.8	2.86	.60	.76	.91
	1200	565	38.7	11.3	1.98	.60	.77	.92	37.3	10.9	2.23	.61	.78	.93	35.8	10.5	2.52	.62	.80	.95	34.2	10.0	2.85	.64	.82	.97
	1400	660	39.5	11.6	1.97	.63	.82	.97	38.0	11.1	2.23	.65	.83	.98	36.5	10.7	2.51	.66	.85	1.00	34.9	10.2	2.85	.67	.87	1.00
71°F (22°C)	1000	470	40.4	11.8	1.97	.43	.56	.69	38.9	11.4	2.22	.43	.57	.70	37.4	11.0	2.51	.43	.57	.72	35.8	10.5	2.84	.44	.58	.73
	1200	565	41.4	12.1	1.97	.44	.59	.74	39.9	11.7	2.22	.44	.60	.76	38.3	11.2	2.51	.45	.61	.77	36.6	10.7	2.84	.45	.62	.79
	1400	660	42.2	12.4	1.97	.45	.62	.79	40.6	11.9	2.22	.46	.63	.81	38.9	11.4	2.51	.46	.65	.83	37.2	10.9	2.84	.47	.66	.85
HS27-036 — C33-36B/C with G61MPV-36B/C COOLING CAPACITY																										
63°F (17°C)	1050	495	33.6	9.8	1.96	.78	.92	1.00	32.4	9.5	2.20	.79	.94	1.00	31.2	9.1	2.48	.80	.95	1.00	29.8	8.7	2.80	.82	.98	1.00
	1195	565	34.6	10.1	1.96	.81	.96	1.00	33.4	9.8	2.21	.82	.98	1.00	32.0	9.4	2.48	.84	.99	1.00	30.8	9.0	2.80	.85	1.00	1.00
	1305	615	35.2	10.3	1.97	.83	.98	1.00	34.0	10.0	2.21	.84	1.00	1.00	32.8	9.6	2.49	.86	1.00	1.00	31.6	9.3	2.81	.88	1.00	1.00
67°F (19°C)	1050	495	35.4	10.4	1.97	.62	.75	.88	34.2	10.0	2.21	.63	.77	.90	32.8	9.6	2.48	.63	.78	.92	31.4	9.2	2.80	.64	.80	.94
	1195	565	36.4	10.7	1.97	.64	.78	.93	35.0	10.3	2.21	.65	.80	.95	33.6	9.8	2.49	.66	.81	.97	32.2	9.4	2.80	.67	.83	.99
	1305	615	37.0	10.8	1.98	.65	.81	.95	35.6	10.4	2.22	.66	.82	.98	34.2	10.0	2.49	.67	.84	.99	32.8	9.6	2.81	.68	.86	1.00
71°F (22°C)	1050	495	37.0	10.8	1.98	.47	.61	.73	35.8	10.5	2.22	.48	.61	.74	34.4	10.1	2.49	.48	.62	.76	33.0	9.7	2.81	.48	.63	.77
	1195	565	38.0	11.1	1.98	.48	.63	.76	36.6	10.7	2.22	.49	.64	.78	35.2	10.3	2.49	.49	.64	.79	33.8	9.9	2.81	.50	.66	.81
	1305	615	38.5	11.3	1.99	.49	.64	.79	37.4	11.0	2.23	.50	.65	.80	35.8	10.5	2.50	.50	.66	.82	34.4	10.1	2.81	.51	.67	.84
HS27-036 — C33-38B with G61MPV-36B COOLING CAPACITY																										
63°F (17°C)	1040	490	35.0	10.3	1.97	.77	.91	1.00	33.8	9.9	2.21	.78	.93	1.00	32.4	9.5	2.48	.80	.95	1.00	31.0	9.1	2.80	.81	.97	1.00
	1185	560	36.0	10.6	1.97	.80	.95	1.00	34.6	10.1	2.21	.82	.97	1.00	33.2	9.7	2.49	.83	.99	1.00	32.0	9.4	2.81	.85	1.00	1.00
	1295	610	36.6	10.7	1.98	.83	.98	1.00	35.2	10.3	2.22	.84	1.00	1.00	34.0	10.0	2.49	.86	1.00	1.00	32.6	9.6	2.81	.88	1.00	1.00
67°F (19°C)	1040	490	37.0	10.8	1.98	.61	.75	.88	35.6	10.4	2.22	.62	.75	.89	34.2	10.0	2.49	.63	.77	.91	32.8	9.6	2.81	.64	.79	.93
	1185	560	38.0	11.1	1.98	.63	.78	.92	36.6	10.7	2.22	.64	.79	.94	35.2	10.3	2.50	.65	.81	.96	33.6	9.8	2.81	.66	.83	.98
	1295	610	38.5	11.3	1.99	.65	.80	.95	37.2	10.9	2.23	.66	.82	.97	35.6	10.4	2.50	.67	.84	.99	34.2	10.0	2.81	.68	.86	1.00
71°F (22°C)	1040	490	39.0	11.4	1.99	.47	.60	.72	37.6	11.0	2.23	.47	.61	.73	36.2	10.6	2.50	.47	.61	.75	34.6	10.1	2.82	.48	.62	.76
	1185	560	40.0	11.7	2.00	.48	.63	.76	38.8	11.4	2.23	.49	.64	.78	35.4	10.4	2.49	.49	.65	.80	34.0	10.0	2.81	.50	.66	.81
	1295	610	40.5	11.9	2.00	.48	.64	.79	39.0	11.4	2.24	.49	.65	.80	37.6	11.0	2.51	.50	.66	.81	36.0	10.6	2.83	.50	.67	.83
HS27-036 — C33-36A/B with G60UHV-36A/B COOLING CAPACITY																										
63°F (17°C)	1000	470	33.4	9.8	1.96	.77	.90	1.00	32.2	9.4	2.20	.78	.92	1.00	30.8	9.0	2.48	.79	.94	1.00	29.6	8.7	2.80	.81	.96	1.00
	1200	575	34.6	10.1	1.96	.81	.96	1.00	33.4	9.8	2.20	.82	.98	1.00	32.2	9.4	2.48	.84	.99	1.00	31.0	9.1	2.80	.86	1.00	1.00
	1435	675	35.8	10.5	1.97	.85	1.00	1.00	34.6	10.1	2.21	.87	1.00	1.00	33.4	9.8	2.49	.89	1.00	1.00	32.2	9.4	2.81	.91	1.00	1.00
67°F (19°C)	1000	470	35.0	10.3	1.97	.61	.74	.87	33.8	9.9	2.21	.62	.76	.89	32.6	9.6	2.48	.63	.77	.90	31.2	9.1	2.80	.64	.78	.93
	1200	575	36.0	10.7	1.97	.64	.77	.92	35.2	10.3	2.21	.65	.78	.90	33.8	9.9	2.49	.66	.82	.97	32.4	9.5	2.81	.67	.84	.99
	1435	675	37.4	11.0	1.98	.67	.83	.98	36.2	10.6	2.22	.68	.85	.95	34.8	10.2	2.50	.69	.87	1.00	33.2	9.7	2.81	.70	.89	1.00
71°F (22°C)	1000	470	36.6	10.7	1.97	.47	.60	.72	37.6	11.0	2.23	.47	.60	.74	36.0	10.6	2.50	.47	.61	.75	34.6	10.1	2.82	.48	.62	.76
	1200	575	38.0	11.1	1.98	.49	.63	.76	38.8	11.4	2.24	.49	.64	.78	37.4	11.0	2.51	.49	.65	.80	35.8	10.5	2.82	.50	.66	.82
	1435	675	39.5	11.6	1.99	.50	.66	.82	40.0	11.7	2.25	.50	.67	.83	38.5	11.3	2.52	.51	.68	.85	36.6	10.7	2.83	.51	.70	.87
HS27-036 — CR26-36N/W-F COOLING CAPACITY																										
63°F (17°C)	1030	485	34.8	10.2	1.96	.77	.91	1.00	33.6	9.8	2.21	.78	.92	1.00	32.4	9.5	2.48	.79	.94	1.00	31.0	9.1	2.80	.81	.97	1.00
	1250	590	36.4	10.7	1.97	.81	.97	1.00	35.0	10.3	2.21	.83	.99	1.00	33.6	9.8	2.49	.84	1.00	1.00	32.2	9.4	2.80	.86		

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

Entering Wet Bulb Tempera- ture	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	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				
HS27-036 — CR26-60N/W-F COOLING CAPACITY																										
63°F (17°C)	1000	470	34.6	10.1	1.96	.77	.90	1.00	33.4	9.8	2.21	.78	.92	1.00	32.0	9.4	2.48	.79	.94	1.00	30.6	9.0	2.80	.81	.96	1.00
	1200	565	35.8	10.5	1.97	.81	.96	1.00	34.6	10.1	2.21	.82	.98	1.00	33.4	9.8	2.49	.84	.99	1.00	32.2	9.4	2.80	.86	1.00	1.00
	1400	660	37.0	10.8	1.98	.85	.99	1.00	36.0	10.6	2.22	.86	1.00	1.00	34.8	10.2	2.49	.89	1.00	1.00	33.4	9.8	2.81	.91	1.00	1.00
67°F (19°C)	1000	470	36.6	10.7	1.97	.61	.74	.87	35.4	10.4	2.22	.62	.75	.89	34.0	10.0	2.49	.63	.77	.90	32.6	9.6	2.81	.64	.78	.93
	1200	565	37.8	11.1	1.98	.64	.78	.93	36.6	10.7	2.22	.65	.80	.95	35.2	10.3	2.49	.66	.82	.97	33.6	9.8	2.81	.67	.83	.99
	1400	660	39.0	11.4	1.99	.66	.83	.98	37.4	11.0	2.23	.67	.84	.99	36.0	10.6	2.50	.69	.86	1.00	34.4	10.1	2.81	.70	.89	1.00
71°F (22°C)	1000	470	38.5	11.3	1.99	.47	.60	.72	37.2	10.9	2.23	.47	.61	.73	35.8	10.5	2.50	.48	.62	.74	34.4	10.1	2.82	.48	.63	.76
	1200	565	40.0	11.7	2.00	.49	.63	.76	38.5	11.3	2.24	.49	.64	.78	37.0	10.8	2.51	.49	.64	.79	35.6	10.4	2.82	.50	.66	.81
	1400	660	41.0	12.0	2.01	.50	.65	.80	39.5	11.6	2.24	.50	.66	.82	38.0	11.1	2.51	.51	.67	.84	36.4	10.7	2.83	.51	.69	.86
HS27-036 — CR26-36W-F with G61MPV-36B/C COOLING CAPACITY																										
63°F (17°C)	1050	495	34.0	10.0	1.96	.78	.92	1.00	32.8	9.6	2.20	.79	.93	1.00	31.6	9.3	2.48	.80	.95	1.00	30.2	8.9	2.80	.82	.97	1.00
	1195	565	35.0	10.3	1.96	.81	.96	1.00	33.8	9.9	2.21	.82	.97	1.00	32.4	9.5	2.48	.84	.99	1.00	31.0	9.1	2.80	.86	1.00	1.00
	1305	615	35.6	10.4	1.97	.83	.98	1.00	34.4	10.1	2.21	.85	.99	1.00	33.0	9.7	2.48	.87	1.00	1.00	31.6	9.3	2.80	.89	1.00	1.00
67°F (19°C)	1050	495	35.8	10.5	1.97	.62	.75	.89	34.6	10.1	2.21	.62	.76	.90	33.2	9.7	2.49	.63	.78	.92	31.8	9.3	2.80	.64	.80	.94
	1195	565	36.8	10.8	1.98	.64	.79	.93	35.4	10.4	2.22	.65	.80	.94	34.0	10.0	2.49	.66	.82	.96	32.6	9.6	2.81	.67	.84	.98
	1305	615	37.4	11.0	1.98	.65	.81	.96	36.0	10.6	2.22	.66	.83	.97	34.6	10.1	2.49	.67	.84	.99	33.0	9.7	2.81	.69	.86	1.00
71°F (22°C)	1050	495	37.8	11.1	1.98	.47	.60	.73	36.4	10.7	2.22	.47	.61	.74	35.0	10.3	2.49	.48	.62	.76	33.6	9.8	2.81	.48	.63	.77
	1195	565	38.5	11.3	1.99	.48	.62	.76	37.4	11.0	2.23	.49	.63	.78	35.8	10.5	2.50	.49	.64	.79	34.4	10.1	2.81	.49	.66	.81
	1305	615	39.5	11.6	1.99	.49	.64	.79	37.8	11.1	2.23	.50	.65	.81	36.4	10.7	2.50	.50	.66	.82	34.8	10.2	2.82	.51	.68	.84
HS27-036 — CR26-48N-F with G61MPV-36B/C COOLING CAPACITY																										
63°F (17°C)	1050	495	33.8	9.9	1.96	.76	.89	1.00	32.6	9.6	2.20	.77	.91	1.00	31.4	9.2	2.47	.78	.93	1.00	30.0	8.8	2.80	.80	.95	1.00
	1195	565	34.6	10.1	1.96	.79	.93	1.00	33.4	9.8	2.20	.80	.95	1.00	32.2	9.4	2.48	.81	.97	1.00	30.8	9.0	2.80	.83	.99	1.00
	1305	615	35.2	10.3	1.97	.81	.96	1.00	34.0	10.0	2.21	.82	.98	1.00	32.8	9.6	2.49	.84	.99	1.00	31.6	9.3	2.80	.86	1.00	1.00
67°F (19°C)	1050	495	35.8	10.5	1.97	.61	.74	.86	34.6	10.1	2.21	.61	.75	.88	33.2	9.7	2.48	.62	.76	.90	32.0	9.4	2.80	.63	.78	.92
	1195	565	36.8	10.8	1.97	.63	.77	.90	35.4	10.4	2.22	.63	.78	.92	34.0	10.0	2.49	.64	.79	.94	32.6	9.6	2.81	.65	.81	.96
	1305	615	37.4	11.0	1.98	.64	.79	.93	36.0	10.6	2.22	.65	.80	.95	34.6	10.1	2.49	.66	.81	.97	33.0	9.7	2.81	.67	.83	.99
71°F (22°C)	1050	495	37.8	11.1	1.98	.47	.59	.71	36.6	10.7	2.22	.47	.60	.72	35.2	10.3	2.50	.47	.61	.74	33.8	9.9	2.81	.47	.62	.75
	1195	565	38.5	11.3	1.99	.48	.61	.74	37.4	11.0	2.23	.48	.62	.75	36.0	10.6	2.50	.48	.63	.77	34.4	10.1	2.81	.49	.64	.78
	1305	615	39.5	11.6	1.99	.49	.63	.76	38.0	11.1	2.23	.49	.64	.78	36.6	10.7	2.50	.49	.65	.79	35.0	10.3	2.82	.50	.66	.81
HS27-036 — CR26-60N-F with G61MPV-36C COOLING CAPACITY																										
63°F (17°C)	1050	495	34.8	10.2	1.96	.77	.91	1.00	33.6	9.8	2.21	.78	.93	1.00	32.2	9.4	2.48	.80	.95	1.00	30.8	9.0	2.81	.81	.97	1.00
	1195	565	35.6	10.4	1.97	.80	.96	1.00	34.4	10.1	2.21	.82	.97	1.00	33.2	9.7	2.49	.83	.99	1.00	32.0	9.4	2.80	.85	1.00	1.00
67°F (19°C)	1050	495	36.8	10.8	1.98	.62	.75	.88	35.6	10.4	2.22	.62	.76	.90	34.2	10.0	2.49	.63	.77	.92	32.8	9.6	2.81	.64	.79	.94
	1195	565	37.8	11.1	1.98	.63	.77	.93	36.4	10.7	2.22	.64	.79	.94	35.0	10.3	2.49	.65	.81	.96	33.4	9.8	2.81	.66	.83	.98
71°F (22°C)	1050	495	39.0	11.4	1.99	.47	.60	.73	37.4	11.0	2.23	.47	.61	.74	36.0	10.6	2.50	.47	.62	.75	34.6	10.1	2.82	.48	.63	.77
	1195	565	40.0	11.7	2.00	.48	.62	.76	38.5	11.3	2.23	.49	.63	.77	37.0	10.8	2.51	.49	.64	.79	35.4	10.4	2.82	.50	.66	.81
	1305	615	40.5	11.9	2.00	.50	.66	.82	39.0	11.4	2.24	.50	.65	.80	37.6	11.0	2.51	.51	.66	.81	36.0	10.6	2.83	.51	.67	.84
HS27-036 — CR26-36N-F with G60DFV-36A - CR26-36W-F with G60DFV-36B COOLING CAPACITY																										
63°F (17°C)	1000	470	33.6	9.8	1.96	.75	.88	1.00	32.6	9.6	2.20	.78	.92	1.00	31.2	9.1	2.48	.79	.94	1.00	30.0	8.8	2.80	.81	.96	1.00
	1220	575	35.0	10.3	1.96	.82	.96	1.00	33.8	9.9	2.21	.83	.98	1.00	32.6	9.6	2.48	.85	.99	1.00	31.2	9.1	2.80	.86	1.00	1.00
67°F (19°C)	1000	470	35.6	10.4	1.97	.61	.74	.88	34.4	10.1	2.21	.62	.76	.89	33.0	9.7	2.48	.63	.77	.91	31.6	9.3	2.81	.64	.79	.93
	1220	575	36.8	10.8	1.98	.64	.79	.93	35.6	10.4	2.22	.65	.81	.95	34.2	10.0	2.49	.66	.82	.97	32.6	9.6	2.81	.67	.84	.99
71°F (22°C)	1000	470	37.4	11.0	1.98	.47	.60	.72	36.2	10.6	2.22	.47	.60	.73	34.8</											

RATINGS

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

Entering Wet Bulb Tempera- ture	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			
HS27-036 — CH33-36C-2F COOLING CAPACITY																										
63°F (17°C)	1000	470	33.2	9.7	1.96	.77	.90	1.00	32.0	9.4	2.20	.78	.92	1.00	30.8	9.0	2.48	.79	.94	1.00	29.6	8.7	2.80	.81	.96	1.00
63°F (17°C)	1200	565	34.4	10.1	1.96	.81	.96	1.00	33.2	9.7	2.20	.82	.97	1.00	32.0	9.4	2.48	.84	.99	1.00	30.6	9.0	2.81	.85	1.00	1.00
63°F (17°C)	1400	660	35.4	10.4	1.97	.84	1.00	1.00	34.2	10.0	2.21	.86	1.00	1.00	33.2	9.7	2.49	.88	1.00	1.00	31.8	9.3	2.80	.90	1.00	1.00
67°F (19°C)	1000	470	35.0	10.3	1.97	.62	.75	.87	33.8	9.9	2.21	.62	.76	.89	32.4	9.5	2.48	.63	.77	.90	31.2	9.1	2.80	.64	.79	.93
67°F (19°C)	1200	565	36.2	10.6	1.97	.64	.79	.93	35.0	10.3	2.21	.65	.80	.94	33.6	9.8	2.49	.66	.81	.96	32.2	9.4	2.81	.67	.83	.98
67°F (19°C)	1400	660	37.2	10.9	1.98	.66	.82	.97	35.8	10.5	2.22	.67	.84	.99	34.4	10.1	2.49	.68	.85	1.00	33.0	9.7	2.81	.70	.88	1.00
71°F (22°C)	1000	470	36.4	10.7	1.97	.48	.60	.72	35.2	10.3	2.21	.48	.61	.73	34.0	10.0	2.49	.48	.62	.75	32.6	9.6	2.81	.49	.63	.76
71°F (22°C)	1200	565	37.8	11.1	1.98	.49	.63	.76	36.6	10.7	2.22	.49	.64	.78	35.2	10.3	2.50	.50	.65	.79	33.8	9.9	2.81	.50	.66	.81
71°F (22°C)	1400	660	39.0	11.4	1.99	.50	.65	.80	37.6	11.0	2.23	.51	.66	.82	36.2	10.6	2.50	.51	.67	.83	34.6	10.1	2.82	.52	.69	.85
HS27-036 — CH23-41 COOLING CAPACITY																										
63°F (17°C)	1000	470	32.8	9.6	1.95	.76	.89	.99	31.8	9.3	2.20	.77	.90	1.00	30.6	9.0	2.48	.78	.92	1.00	29.2	8.6	2.80	.80	.94	1.00
63°F (17°C)	1200	565	34.2	10.0	1.96	.79	.94	1.00	33.0	9.7	2.20	.81	.96	1.00	31.8	9.3	2.48	.82	.97	1.00	30.6	9.0	2.80	.84	.99	1.00
63°F (17°C)	1400	660	35.4	10.4	1.97	.83	.98	1.00	34.4	10.1	2.21	.85	.99	1.00	33.2	9.7	2.49	.87	1.00	1.00	32.0	9.4	2.80	.89	1.00	1.00
67°F (19°C)	1000	470	35.0	10.3	1.97	.61	.73	.86	34.0	10.0	2.21	.62	.74	.87	32.6	9.6	2.48	.62	.76	.89	31.2	9.1	2.80	.63	.77	.91
67°F (19°C)	1200	565	36.4	10.7	1.97	.63	.77	.91	35.2	10.3	2.22	.64	.78	.93	33.8	9.9	2.49	.65	.80	.95	32.4	9.5	2.81	.66	.82	.97
67°F (19°C)	1400	660	37.2	10.9	1.98	.65	.81	.96	36.0	10.6	2.22	.66	.83	.98	34.6	10.1	2.49	.68	.84	.99	33.0	9.7	2.81	.69	.86	1.00
71°F (22°C)	1000	470	37.2	10.9	1.98	.47	.59	.71	36.0	10.6	2.22	.47	.60	.72	34.8	10.2	2.49	.47	.61	.73	33.2	9.7	2.81	.48	.62	.75
71°F (22°C)	1200	565	38.5	11.3	1.99	.48	.62	.75	37.2	10.9	2.23	.48	.63	.76	35.8	10.5	2.50	.49	.64	.78	34.4	10.1	2.81	.49	.65	.79
71°F (22°C)	1400	660	39.5	11.6	1.99	.49	.64	.79	38.0	11.1	2.23	.50	.65	.80	36.8	10.8	2.50	.50	.66	.82	35.2	10.3	2.82	.51	.68	.84
HS27-036 — CH33-36A/B-2F COOLING CAPACITY																										
63°F (17°C)	1000	470	33.0	9.7	1.96	.76	.89	1.00	32.0	9.4	2.20	.77	.91	1.00	30.6	9.0	2.48	.78	.92	1.00	29.4	8.6	2.79	.80	.95	1.00
63°F (17°C)	1200	565	34.2	10.0	1.96	.80	.94	1.00	33.0	9.7	2.20	.81	.96	1.00	31.8	9.3	2.48	.82	.98	1.00	30.4	8.9	2.80	.84	1.00	1.00
63°F (17°C)	1400	660	35.2	10.3	1.97	.83	.99	1.00	34.0	10.0	2.21	.85	.99	1.00	32.8	9.6	2.49	.87	1.00	1.00	31.4	9.2	2.80	.89	1.00	1.00
67°F (19°C)	1000	470	35.0	10.3	1.97	.61	.73	.86	33.8	9.9	2.21	.61	.74	.87	32.6	9.6	2.48	.62	.76	.89	31.2	9.1	2.80	.63	.77	.91
67°F (19°C)	1200	565	36.4	10.7	1.98	.63	.77	.91	35.0	10.3	2.21	.64	.79	.93	33.6	9.8	2.49	.65	.80	.95	32.2	9.4	2.81	.66	.82	.97
67°F (19°C)	1400	660	37.2	10.9	1.98	.65	.81	.96	35.8	10.5	2.22	.66	.83	.98	34.4	10.1	2.49	.67	.84	.99	33.0	9.7	2.81	.69	.86	1.00
71°F (22°C)	1000	470	37.0	10.8	1.98	.47	.59	.71	35.8	10.5	2.22	.48	.60	.72	34.4	10.1	2.49	.48	.61	.73	33.0	9.7	2.81	.49	.65	.75
71°F (22°C)	1200	565	38.5	11.3	1.99	.48	.62	.75	37.0	10.8	2.22	.49	.63	.76	35.6	10.4	2.50	.49	.64	.78	34.0	10.0	2.82	.51	.66	.84
71°F (22°C)	1400	660	39.5	11.6	1.99	.49	.64	.79	38.0	11.1	2.23	.50	.65	.80	36.4	10.7	2.50	.50	.66	.82	34.8	10.2	2.82	.51	.68	.84
HS27-036 — CH23-51 COOLING CAPACITY																										
63°F (17°C)	1000	470	34.0	10.0	1.96	.76	.90	1.00	32.8	9.6	2.20	.77	.91	1.00	31.6	9.3	2.48	.78	.93	1.00	30.2	8.9	2.80	.80	.95	1.00
63°F (17°C)	1200	565	35.2	10.3	1.97	.80	.95	1.00	34.0	10.0	2.21	.81	.97	1.00	32.8	9.6	2.49	.83	.98	1.00	31.4	9.2	2.80	.85	1.00	1.00
63°F (17°C)	1400	660	36.4	10.7	1.98	.84	.99	1.00	35.4	10.4	2.22	.86	1.00	1.00	34.0	10.0	2.49	.87	1.00	1.00	32.8	9.6	2.81	.90	1.00	1.00
67°F (19°C)	1000	470	36.0	10.6	1.97	.60	.74	.86	34.8	10.2	2.21	.62	.75	.88	33.4	9.8	2.49	.62	.76	.90	32.0	9.4	2.81	.63	.78	.92
67°F (19°C)	1200	565	37.4	11.0	1.98	.63	.78	.92	36.0	10.6	2.22	.64	.79	.94	34.6	10.1	2.50	.65	.77	.96	33.2	9.7	2.81	.66	.82	.98
67°F (19°C)	1400	660	38.5	11.3	1.99	.66	.82	.97	37.0	10.8	2.23	.67	.83	.99	35.4	10.4	2.50	.68	.85	1.00	34.0	10.0	2.82	.69	.87	1.00
71°F (22°C)	1000	470	37.8	11.1	1.98	.46	.58	.70	36.6	10.7	2.22	.47	.59	.71	35.2	10.3	2.49	.48	.60	.72	33.8	9.9	2.81	.49	.61	.73
71°F (22°C)	1200	565	39.5	11.6	1.99	.48	.61	.74	38.0	11.1	2.23	.48	.62	.75	36.6	10.7	2.50	.49	.63	.77	35.0	10.3	2.82	.49	.64	.80
71°F (22°C)	1400	660	40.5	11.9	2.00	.50	.64	.78	39.0	11.4	2.24	.50	.66	.80	37.6	11.0	2.51	.50	.66	.81	36.0	10.6	2.83	.51	.67	.83
HS27-036 — CH33-42B-2F COOLING CAPACITY																										
63°F (17°C)	950	450	33.8	9.9	1.96	.75	.87	1.00	32.8	9.6	2.20	.76	.89	1.00	31.4	9.2	2.48	.77	.91	1.00	30.2	8.9	2.80	.78	.93	1.00
63°F (17°C)	115																									

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

Entering Wet Bulb Tempera- ture	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																		
		85°F (29°C)						95°F (35°C)						105°F (41°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	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	
HS27-036 — CH33-60D-2F COOLING CAPACITY																				
63°F (17°C)	1000	470	35.0	10.3	1.97	.76	.89	1.00	33.8	9.9	2.20	.77	.91	1.00	32.4	9.5	2.48	.79	.93	1.00
	1200	565	36.4	10.7	1.97	.80	.95	1.00	35.0	10.3	2.21	.82	.97	1.00	33.8	9.9	2.49	.83	.99	1.00
	1400	660	37.4	11.0	1.98	.84	1.00	1.00	36.2	10.6	2.22	.86	1.00	1.00	35.0	10.3	2.49	.87	1.00	1.00
67°F (19°C)	1000	470	37.0	10.8	1.98	.61	.74	.86	35.6	10.4	2.22	.61	.74	.88	34.4	10.1	2.49	.63	.76	.90
	1200	565	38.5	11.3	1.99	.64	.78	.92	37.0	10.8	2.23	.65	.79	.94	35.6	10.4	2.50	.65	.81	.96
	1400	660	39.5	11.6	1.99	.66	.82	.97	38.0	11.1	2.23	.67	.84	.99	36.6	10.7	2.51	.68	.85	1.00
71°F (22°C)	1000	470	39.0	11.4	1.99	.47	.59	.72	37.8	11.1	2.23	.47	.60	.72	36.4	10.7	2.50	.48	.61	.74
	1200	565	40.5	11.9	2.00	.48	.62	.76	39.0	11.4	2.24	.49	.63	.77	37.6	11.0	2.51	.49	.64	.79
	1400	660	41.5	12.2	2.01	.50	.65	.80	40.0	11.7	2.25	.50	.66	.81	38.5	11.3	2.51	.51	.67	.83
HS27-036 — CH33-50/60C-2F COOLING CAPACITY																				
63°F (17°C)	1000	470	35.2	10.3	1.97	.76	.90	1.00	34.0	10.0	2.21	.78	.92	1.00	32.6	9.6	2.49	.79	.94	1.00
	1200	565	36.6	10.7	1.98	.81	.96	1.00	35.4	10.4	2.22	.82	.98	1.00	34.0	10.0	2.49	.84	.99	1.00
	1400	660	37.8	11.1	1.98	.85	1.00	1.00	36.6	10.7	2.22	.86	1.00	1.00	35.4	10.4	2.50	.88	1.00	1.00
67°F (19°C)	1000	470	37.4	11.0	1.98	.61	.74	.86	36.0	10.6	2.22	.61	.75	.88	34.6	10.1	2.49	.63	.77	.90
	1200	565	39.0	11.4	1.99	.64	.78	.93	37.4	11.0	2.23	.65	.80	.94	35.8	10.5	2.50	.66	.81	.96
	1400	660	40.0	11.7	2.00	.66	.82	.98	38.5	11.3	2.24	.67	.84	1.00	36.8	10.8	2.51	.68	.85	1.00
71°F (22°C)	1000	470	39.5	11.6	1.99	.47	.59	.72	38.0	11.1	2.23	.47	.60	.73	36.6	10.7	2.50	.48	.61	.74
	1200	565	41.0	12.0	2.00	.48	.63	.76	39.5	11.6	2.24	.49	.63	.77	37.8	11.1	2.51	.49	.64	.79
	1400	660	42.0	12.3	2.01	.50	.65	.80	40.5	11.9	2.25	.50	.66	.81	39.0	11.4	2.52	.51	.67	.83
HS27-036 — CH23-31 with G61MPV-36B/C COOLING CAPACITY																				
63°F (17°C)	1050	495	31.6	9.3	1.95	.76	.89	1.00	30.6	9.0	2.19	.77	.91	1.00	29.4	8.6	2.47	.79	.93	1.00
	1195	565	32.4	9.5	1.95	.79	.93	1.00	31.4	9.2	2.20	.80	.95	1.00	30.2	8.9	2.48	.81	.97	1.00
	1305	615	33.0	9.7	1.95	.81	.96	1.00	32.0	9.4	2.20	.82	.97	1.00	31.0	9.1	2.48	.84	.99	1.00
67°F (19°C)	1050	495	33.6	9.8	1.96	.61	.74	.86	32.4	9.5	2.20	.62	.75	.88	31.2	9.1	2.48	.63	.76	.89
	1195	565	34.4	10.1	1.96	.63	.77	.90	33.4	9.8	2.20	.64	.78	.92	32.2	9.4	2.48	.65	.79	.94
	1305	615	35.0	10.3	1.97	.64	.79	.93	34.0	10.0	2.21	.65	.80	.94	32.6	9.6	2.48	.66	.82	.97
71°F (22°C)	1050	495	35.2	10.3	1.97	.47	.60	.72	34.2	10.0	2.21	.47	.61	.73	33.0	9.7	2.48	.47	.61	.74
	1195	565	36.2	10.6	1.97	.48	.62	.74	35.0	10.3	2.21	.48	.62	.76	33.8	9.9	2.49	.49	.63	.77
	1305	615	36.8	10.8	1.98	.49	.63	.76	35.6	10.4	2.22	.49	.64	.78	34.4	10.1	2.49	.50	.65	.81
HS27-036 — CH33-36C-2F with G61MPV-36C COOLING CAPACITY																				
63°F (17°C)	1050	495	33.4	9.8	1.96	.77	.91	1.00	32.2	9.4	2.20	.78	.93	1.00	31.0	9.1	2.47	.80	.95	1.00
	1195	565	34.4	10.1	1.96	.80	.95	1.00	33.2	9.7	2.20	.82	.97	1.00	32.0	9.4	2.48	.83	.99	1.00
	1305	615	35.0	10.3	1.97	.82	.98	1.00	33.8	9.9	2.21	.84	.99	1.00	32.4	9.5	2.48	.85	.99	1.00
67°F (19°C)	1050	495	35.2	10.3	1.97	.62	.75	.88	34.0	10.0	2.21	.62	.76	.88	32.8	9.6	2.48	.63	.78	.92
	1195	565	36.2	10.6	1.97	.64	.78	.92	34.8	10.2	2.21	.64	.79	.94	33.6	9.8	2.49	.65	.81	.96
	1305	615	36.6	10.7	1.97	.65	.80	.95	35.4	10.4	2.21	.66	.82	.97	34.0	10.0	2.49	.66	.82	.98
71°F (22°C)	1050	495	36.8	10.8	1.98	.47	.60	.73	35.6	10.4	2.22	.48	.61	.74	34.2	10.0	2.49	.48	.62	.77
	1195	565	37.8	11.1	1.98	.49	.62	.76	36.6	10.7	2.22	.49	.63	.77	35.2	10.3	2.50	.49	.64	.80
	1305	615	38.5	11.3	1.99	.49	.64	.78	37.0	10.8	2.22	.50	.65	.80	35.8	10.5	2.50	.50	.66	.83
HS27-036 — CH33-36B-2F with G61MPV-36B COOLING CAPACITY																				
63°F (17°C)	1050	495	33.6	9.8	1.96	.77	.91	1.00	32.4	9.5	2.20	.79	.93	1.00	31.2	9.1	2.47	.80	.95	1.00
	1195	565	34.4	10.1	1.96	.80	.96	1.00	33.4	9.8	2.20	.82	.97	1.00	32.0	9.4	2.48	.83	.99	1.00
	1305	615	35.2	10.3	1.97	.83	.98	1.00	34.0	10.0	2.21	.84	.99	1.00	32.6	9.6	2.48	.86	.99	1.00
67°F (19°C)	1050	495	35.4	10.4	1.97	.62	.75	.88	34.2	10.0	2.21	.62	.76	.89	32.8	9.6	2.48	.63	.78	.94
	1195	565	36.2	10.6	1.97	.64	.78	.92	35.0	10.3	2.21	.64	.79	.94	33.6	9.8	2.49	.65	.81	.98
	1305	615	36.8	10.8	1.98	.65	.81	.95	35.6	10.4	2.22	.66	.82	.97	34.2	10.0	2.49	.67	.84	.98
71°F (22°C)	1050	495	37.0	10.8	1.98	.47	.60	.73	35.8	10.5	2.22	.48	.61	.74	34.4	10.1	2.49	.48	.63	.77
	1195	565	38.0	11.1	1.98	.49	.62	.76	36.6	10.7	2.22	.49	.63	.77	35.2	10.3	2.50	.49	.64	.81
	1305	615	38.5	11.3	1.99	.49	.64	.78	37.2	10.9	2.23	.48	.64	.78	35.8	10.5	2.50	.50	.66	.82
HS27-036 — CH23-41 with G61MPV-36B/C COOLING CAPACITY																				
63°F (17°C)	1050	495	33.2	9.7	1.96	.76	.90	1.00	32.0	9.4	2.20	.77	.91	1.00	30.8	9.0	2.48	.79	.93	1.00
	1195	565	34.0	10.0	1.96	.79	.94	1.00	33.0	9.7	2.20	.80	.95	1.00	31.8	9.3	2.48	.82	.97	1.00
	1305	615	34.8	10.2	1.97	.81	.96	1.00	33.6	9.8	2.21	.83	.98	1.00	32.6	9.6	2.48	.84	.99	1.00
67°F (19°C)	1050	495	35.4	10.4	1.97	.61	.74	.86	34.2	10.0	2.21	.62	.75	.88	32.8	9.6	2.48	.62	.76	.90
	1195	565	36.2	10.6	1.97	.63	.77	.91	35.0	10.3	2.22	.64	.78	.92	33.					

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

Entering Wet Bulb Tempera- ture	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	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C			
HS27-036 — CH33-50/60C-2F with G61MPV-36C COOLING CAPACITY																										
63°F (17°C)	1050	495	35.6	10.4	1.97	.77	.91	1.00	34.2	10.0	2.21	.78	.93	1.00	33.0	9.7	2.49	.80	.95	1.00	31.6	9.3	2.81	.81	.97	1.00
	1195	565	36.6	10.7	1.98	.80	.95	1.00	35.2	10.3	2.22	.81	.97	1.00	33.8	9.9	2.49	.83	.99	1.00	32.4	9.5	2.80	.85	1.00	1.00
	1305	615	37.2	10.9	1.98	.82	.98	1.00	36.0	10.6	2.22	.84	1.00	1.00	34.6	10.1	2.49	.86	1.00	1.00	33.2	9.7	2.81	.88	1.00	1.00
67°F (19°C)	1050	495	37.6	11.0	1.98	.61	.74	.88	36.4	10.7	2.22	.62	.76	.89	35.0	10.3	2.50	.63	.77	.91	33.4	9.8	2.81	.64	.79	.93
	1195	565	38.5	11.3	1.99	.63	.78	.92	37.2	10.9	2.23	.64	.79	.94	35.8	10.5	2.50	.65	.81	.96	34.2	10.0	2.82	.66	.82	.98
	1305	615	39.5	11.6	1.99	.65	.80	.95	37.8	11.1	2.23	.66	.82	.97	36.4	10.7	2.50	.66	.83	.99	34.8	10.2	2.82	.68	.85	1.00
71°F (22°C)	1050	495	39.5	11.6	2.00	.47	.59	.72	38.5	11.3	2.23	.46	.60	.73	36.8	10.8	2.51	.47	.62	.75	35.4	10.4	2.82	.48	.62	.76
	1195	565	41.0	12.0	2.00	.48	.62	.76	39.5	11.6	2.24	.48	.63	.77	37.8	11.1	2.51	.49	.64	.78	36.2	10.6	2.83	.49	.65	.80
	1305	615	41.5	12.2	2.01	.49	.64	.78	40.0	11.7	2.24	.49	.65	.80	38.5	11.3	2.52	.50	.66	.81	36.6	10.7	2.83	.50	.67	.82
HS27-036 — CH23-31 with G60UHV-36A/B COOLING CAPACITY																										
63°F (17°C)	985	465	31.2	9.1	1.95	.75	.88	.99	30.2	8.9	2.19	.76	.89	.99	29.0	8.5	2.47	.77	.91	1.00	27.8	8.1	2.79	.79	.93	1.00
	1205	570	32.6	9.6	1.95	.79	.93	1.00	31.4	9.2	2.20	.80	.95	1.00	30.2	8.9	2.48	.82	.97	1.00	29.2	8.6	2.80	.83	.98	1.00
	1420	670	33.6	9.8	1.96	.83	.98	1.00	32.6	9.6	2.20	.84	.99	1.00	31.6	9.3	2.48	.86	1.00	1.00	30.6	9.0	2.80	.88	1.00	1.00
67°F (19°C)	985	465	33.0	9.7	1.96	.61	.73	.85	32.0	9.4	2.20	.61	.74	.86	30.8	9.0	2.47	.62	.75	.88	29.6	8.7	2.80	.63	.77	.90
	1205	570	34.4	10.1	1.96	.63	.77	.90	33.4	9.8	2.20	.64	.78	.92	32.2	9.4	2.48	.65	.79	.94	30.8	9.0	2.80	.66	.81	.96
	1420	670	35.6	10.4	1.97	.65	.81	.95	34.4	10.1	2.21	.66	.82	.97	33.2	9.7	2.49	.68	.84	.98	31.8	9.3	2.81	.69	.86	.99
71°F (22°C)	985	465	34.6	10.1	1.96	.47	.59	.71	33.6	9.8	2.21	.47	.60	.72	32.4	9.5	2.48	.48	.61	.73	31.2	9.1	2.80	.48	.62	.74
	1205	570	36.2	10.6	1.97	.48	.62	.75	35.2	10.3	2.21	.48	.63	.76	33.8	9.9	2.49	.49	.64	.77	32.6	9.6	2.81	.49	.65	.79
	1420	670	37.4	11.0	1.98	.49	.64	.78	36.2	10.6	2.22	.50	.65	.80	34.8	10.2	2.49	.50	.67	.82	33.6	9.8	2.81	.51	.68	.84
HS27-036 — CH23-41 with G60UHV-36A/B COOLING CAPACITY																										
63°F (17°C)	1000	470	32.8	9.6	1.95	.75	.88	.99	31.6	9.3	2.20	.76	.90	1.00	30.4	8.9	2.48	.78	.92	1.00	29.2	8.6	2.80	.79	.94	1.00
	1220	575	34.2	10.0	1.96	.79	.94	1.00	33.0	9.7	2.21	.81	.96	1.00	31.8	9.3	2.48	.82	.98	1.00	30.6	9.0	2.80	.84	.99	1.00
	1435	675	35.6	10.4	1.97	.84	.99	1.00	34.6	10.1	2.21	.85	1.00	1.00	33.4	9.8	2.49	.87	1.00	1.00	32.2	9.4	2.80	.88	1.00	1.00
67°F (19°C)	1000	470	35.0	10.3	1.97	.60	.73	.85	33.8	9.9	2.21	.61	.74	.87	32.6	9.6	2.48	.62	.75	.88	31.2	9.1	2.80	.63	.77	.90
	1220	575	36.4	10.7	1.97	.63	.77	.91	35.2	10.3	2.22	.64	.78	.93	33.8	9.9	2.49	.65	.80	.95	32.4	9.5	2.81	.66	.82	.97
	1435	675	37.4	11.0	1.98	.66	.81	.96	36.0	10.6	2.22	.66	.83	.98	34.6	10.1	2.49	.68	.85	.99	33.2	9.7	2.81	.69	.87	1.00
71°F (22°C)	1000	470	37.2	10.9	1.98	.46	.59	.71	36.0	10.6	2.22	.47	.59	.72	34.6	10.1	2.49	.47	.60	.73	33.2	9.7	2.81	.47	.61	.74
	1220	575	38.5	11.3	1.99	.48	.62	.75	37.0	10.8	2.23	.48	.63	.76	35.6	10.4	2.50	.49	.63	.78	34.0	10.0	2.81	.49	.65	.79
	1435	675	39.5	11.6	1.99	.49	.64	.79	38.5	11.3	2.24	.50	.65	.81	36.8	10.8	2.50	.50	.67	.83	35.4	10.4	2.82	.51	.68	.84
HS27-036 — CH33-36A/B-F with G60UHV-36A/B COOLING CAPACITY																										
63°F (17°C)	1000	470	33.0	9.7	1.95	.75	.89	1.00	31.8	9.3	2.20	.76	.90	1.00	30.6	9.0	2.48	.78	.92	1.00	29.2	8.6	2.79	.79	.94	1.00
	1220	575	34.2	10.0	1.96	.80	.95	1.00	33.0	9.7	2.20	.81	.96	1.00	31.8	9.3	2.48	.82	.98	1.00	30.4	8.9	2.80	.84	.99	1.00
	1435	675	35.4	10.4	1.97	.83	.98	1.00	34.0	10.0	2.21	.85	1.00	1.00	32.8	9.6	2.49	.87	1.00	1.00	31.6	9.3	2.81	.88	1.00	1.00
67°F (19°C)	1000	470	35.0	10.3	1.96	.60	.73	.85	33.8	9.9	2.21	.61	.74	.87	32.4	9.5	2.48	.62	.75	.89	31.2	9.1	2.80	.63	.77	.91
	1220	575	36.4	10.7	1.98	.63	.77	.91	35.0	10.3	2.21	.64	.78	.93	33.6	9.8	2.49	.64	.80	.95	32.2	9.4	2.81	.65	.82	.97
	1435	675	37.2	10.9	1.98	.65	.81	.97	36.0	10.6	2.22	.67	.83	.99	34.6	10.1	2.49	.68	.85	1.00	33.0	9.7	2.81	.69	.87	1.00
71°F (22°C)	1000	470	37.0	10.8	1.98	.46	.59	.71	36.6	10.7	2.22	.46	.60	.72	35.2	10.3	2.50	.47	.60	.73	33.8	9.9	2.81	.47	.61	.75
	1220	575	38.5	11.6	1.99	.47	.62	.76	38.0	11.1	2.23	.48	.62	.77	36.6	10.7	2.50	.48	.64	.78	35.0	10.3	2.82	.49	.65	.80
	1435	675	40.5	11.9	2.00	.50	.65	.80	39.0	11.4	2.24	.50	.66	.82	37.6	11.0	2.51	.50	.67	.83	35.8	10.5	2.82	.51	.68	.86
HS27-036 — CH33-42B-2F with G60UHV-36B COOLING CAPACITY																										
63°F (17°C)	1000	470	34.0	10.0	1.96	.76	.89	1.00	33.0	9.7	2.20	.77	.90	1.00	31.8	9.3	2.48	.78	.93	1.00	30.0	8.8	2.80	.80	.95	1.00
	1220	575	35.4	10.4	1.97	.80	.95	1.00	34.4	10.1	2.21	.81	.96	1.00	33.0	9.7	2.49	.82	.98	1.00	31.6	9.3	2.80	.85	1.00	1.00

RATINGS
3 TON

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

Entering Wet Bulb Tempera- ture	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																		
		85°F (29°C)						95°F (35°C)						105°F (41°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	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	
HS27-036 — CH33-44/48B-2F with G60UHV-36B COOLING CAPACITY																				
63°F (17°C)	1030	485	34.8	10.2	1.96	.77	.90	1.00	33.6	9.8	2.21	.77	.91	1.00	32.2	9.4	2.48	.79	.94	1.00
	1250	590	36.2	10.6	1.97	.80	.96	1.00	35.0	10.3	2.21	.82	.98	1.00	33.6	9.8	2.49	.83	1.00	1.00
	1465	690	37.4	11.0	1.98	.86	1.00	1.00	36.2	10.6	2.22	.87	1.00	1.00	35.0	10.3	2.50	.89	1.00	1.00
67°F (19°C)	1030	485	37.0	10.8	1.98	.61	.74	.87	35.6	10.4	2.22	.61	.75	.88	34.2	10.0	2.49	.62	.76	.90
	1250	590	38.0	11.1	1.98	.63	.78	.93	36.8	10.8	2.23	.64	.80	.95	35.4	10.4	2.50	.65	.81	.97
	1465	690	39.5	11.6	1.99	.67	.83	.99	37.8	11.1	2.23	.68	.84	1.00	36.2	10.6	2.50	.68	.87	1.00
71°F (22°C)	1030	485	39.0	11.4	1.99	.47	.59	.71	37.6	11.0	2.23	.47	.60	.73	36.0	10.6	2.50	.47	.60	.74
	1250	590	40.5	11.9	2.00	.48	.62	.76	39.0	11.4	2.24	.49	.63	.77	37.4	11.0	2.51	.49	.64	.78
	1465	690	41.5	12.2	2.01	.49	.66	.81	40.0	11.7	2.25	.50	.66	.82	38.5	11.3	2.52	.51	.68	.84
HS27-036 — CB29M-31 COOLING CAPACITY																				
63°F (17°C)	1000	470	32.3	9.5	1.88	.75	.89	.99	31.3	9.2	2.13	.76	.91	1.00	30.1	8.8	2.41	.78	.92	1.00
	1200	565	33.3	9.8	1.88	.79	.95	1.00	32.2	9.4	2.12	.81	.96	1.00	31.1	9.1	2.40	.82	.97	1.00
	1400	660	34.2	10.0	1.88	.84	.98	1.00	33.1	9.7	2.12	.85	.99	1.00	31.9	9.3	2.40	.87	1.00	1.00
67°F (19°C)	1000	470	34.4	10.1	1.87	.58	.72	.86	33.2	9.7	2.12	.59	.73	.87	31.9	9.3	2.40	.60	.75	.89
	1200	565	35.1	10.3	1.87	.61	.77	.92	33.9	9.9	2.12	.62	.78	.93	32.6	9.6	2.40	.63	.80	.95
	1400	660	35.7	10.5	1.87	.63	.82	.96	34.5	10.1	2.11	.64	.83	.97	33.2	9.7	2.39	.66	.85	.99
71°F (22°C)	1000	470	36.6	10.7	1.87	.43	.57	.70	35.4	10.4	2.11	.43	.57	.71	34.1	10.0	2.39	.44	.58	.72
	1200	565	37.4	11.0	1.87	.44	.59	.75	36.2	10.6	2.11	.44	.60	.76	34.8	10.2	2.39	.45	.61	.78
	1400	660	38.0	11.1	1.87	.45	.62	.79	36.7	10.8	2.11	.46	.63	.81	35.3	10.3	2.38	.46	.64	.82
HS27-036 — CB29M-41 COOLING CAPACITY																				
63°F (17°C)	1000	470	32.6	9.6	1.96	.75	.89	.99	31.5	9.2	2.22	.76	.90	1.00	30.3	8.9	2.51	.77	.92	1.00
	1200	565	33.6	9.8	1.96	.79	.94	1.00	32.4	9.5	2.21	.81	.96	1.00	31.2	9.1	2.51	.82	.97	1.00
	1400	660	34.5	10.1	1.96	.83	.98	1.00	33.4	9.8	2.21	.85	.99	1.00	32.2	9.4	2.50	.87	1.00	1.00
67°F (19°C)	1000	470	34.6	10.1	1.96	.58	.72	.86	33.4	9.8	2.21	.59	.73	.87	32.1	9.4	2.50	.60	.75	.89
	1200	565	35.5	10.4	1.95	.61	.77	.91	34.2	10.0	2.21	.61	.78	.93	32.9	9.6	2.50	.62	.80	.95
	1400	660	36.1	10.6	1.95	.63	.81	.96	34.8	10.2	2.20	.64	.83	.97	33.5	9.8	2.49	.65	.84	.99
71°F (22°C)	1000	470	37.0	10.8	1.95	.43	.56	.69	35.7	10.5	2.20	.43	.57	.71	34.4	10.1	2.49	.43	.58	.72
	1200	565	37.8	11.1	1.95	.44	.59	.74	36.5	10.7	2.20	.44	.60	.76	35.1	10.3	2.49	.45	.61	.77
	1400	660	38.4	11.3	1.95	.45	.62	.79	37.1	10.9	2.20	.45	.63	.81	35.6	10.4	2.49	.46	.64	.82
HS27-036 — CB29M-46 COOLING CAPACITY																				
63°F (17°C)	1000	470	33.7	9.9	1.98	.74	.89	.99	32.5	9.5	2.23	.76	.90	1.00	31.2	9.1	2.53	.77	.92	1.00
	1200	565	34.8	10.2	1.97	.79	.94	1.00	33.5	9.8	2.23	.80	.96	1.00	32.3	9.5	2.52	.82	.98	1.00
	1400	660	35.7	10.5	1.97	.83	.99	1.00	34.5	10.1	2.22	.85	1.00	1.00	33.3	9.8	2.52	.87	1.00	1.00
67°F (19°C)	1000	470	35.9	10.5	1.97	.58	.72	.86	33.4	9.8	2.21	.59	.73	.87	32.1	9.4	2.50	.59	.75	.89
	1200	565	36.8	10.8	1.97	.61	.77	.91	34.2	10.0	2.21	.61	.78	.93	32.9	9.6	2.50	.62	.80	.95
	1400	660	37.5	11.0	1.97	.63	.81	.96	34.8	10.2	2.20	.64	.83	.97	33.5	9.8	2.49	.65	.84	.99
71°F (22°C)	1000	470	38.4	11.3	1.97	.43	.56	.69	37.1	10.9	2.22	.43	.57	.70	35.6	10.4	2.51	.44	.58	.72
	1200	565	39.4	11.5	1.96	.44	.59	.74	37.9	11.1	2.21	.44	.60	.75	36.4	10.7	2.50	.45	.61	.77
	1400	660	40.0	11.7	1.96	.45	.62	.79	38.5	11.3	2.21	.45	.63	.80	37.0	10.8	2.50	.46	.64	.82
HS27-036 — CB29M-51 COOLING CAPACITY																				
63°F (17°C)	1000	470	33.7	9.9	1.98	.74	.89	.99	32.5	9.5	2.23	.75	.90	1.00	31.2	9.1	2.53	.77	.92	1.00
	1200	565	34.8	10.2	1.97	.79	.94	1.00	33.5	9.8	2.23	.80	.96	1.00	32.3	9.5	2.52	.82	.98	1.00
	1400	660	35.7	10.5	1.97	.83	.99	1.00	34.5	10.1	2.22	.85	1.00	1.00	33.3	9.8	2.52	.87	1.00	1.00
67°F (19°C)	1000	470	35.9	10.5	1.97	.58	.72	.85	34.6	10.1	2.22	.58	.73	.87	33.3	9.8	2.52	.59	.74	.89
	1200	565	36.8	10.8	1.97	.61	.77	.91	35.5	10.4	2.22	.61	.78	.93	34.1	10.0	2.51	.62	.79	.95
	1400	660	37.5	11.0	1.97	.63	.81	.96	36.2	10.6	2.22	.64	.83	.98	34.7	10.2	2.51	.65	.84	.99
71°F (22°C)	1000	470	38.7	11.3	1.96	.43	.56	.69	37.4	11.0	2.22	.43	.57	.70	35.9	10.5	2.50	.43	.58	.72
	1200	565	39.7	11.6	1.96	.44	.59	.74	38.2	11.2	2.21	.44	.60	.75	36.7	10.8	2.50	.45	.61	.77
	1400	660	40.4	11.8	1.96	.45	.62	.79	38.9	11.4	2.21	.45	.63	.80	37.3	10.9	2.50	.46	.64	.82
HS27-036 — CB29M-65 COOLING CAPACITY																				
63°F (17°C)	1000	470	33.9	9.9	1.97	.74	.89	1.00	32.7	9.6	2.23	.75	.90	1.00	31.4	9.2	2.52	.77	.92	1.00
	1200	565	35.0	10.3	1.97	.79	.94	1.00	33.8	9.9	2.23	.80	.96	1.00	32.5	9.5	2.52	.82	.98	1.00
	1400	660	36.0	10.6	1.97	.83	.99	1.00	34.8	10.2	2.22	.85	1.00	1.00	33.6	9.8	2.51	.87	1.00	1.00
67°F (19°C)	1000	470	36.2	10.6	1.97	.58	.72	.85	34.9	10.2	2.22	.58	.73	.87	33.5	9.8	2.51	.59	.74	.88
	1200	565	37.1	10.9	1.97	.60	.77	.91	35.8	10.5	2.22	.61	.78	.93	34.3	10.1	2.51	.62	.80	.95

RATINGS
3 TON

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

Entering Wet Bulb Tempera- ture	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			
HS27-036 — CB30M-31 - CB30U-31 COOLING CAPACITY																										
63°F (17°C)	1000	470	34.1	10.0	1.98	.74	.89	1.00	32.9	9.6	2.23	.76	.90	1.00	31.6	9.3	2.53	.77	.92	1.00	30.2	8.9	2.87	.78	.94	1.00
	1200	565	35.2	10.3	1.97	.79	.94	1.00	34.0	10.0	2.23	.80	.96	1.00	32.7	9.6	2.52	.82	.97	1.00	31.3	9.2	2.86	.84	.99	1.00
	1400	660	36.2	10.6	1.97	.83	.98	1.00	34.9	10.2	2.22	.85	1.00	1.00	33.7	9.9	2.52	.87	1.00	1.00	32.5	9.5	2.85	.89	1.00	1.00
67°F (19°C)	1000	470	36.3	10.6	1.97	.58	.72	.85	35.0	10.3	2.22	.59	.73	.87	33.7	9.9	2.52	.59	.74	.88	32.2	9.4	2.85	.60	.76	.91
	1200	565	37.3	10.9	1.97	.60	.76	.91	35.9	10.5	2.22	.61	.78	.93	34.5	10.1	2.51	.63	.79	.95	33.0	9.7	2.85	.64	.81	.96
	1400	660	38.0	11.1	1.97	.63	.81	.96	36.6	10.7	2.22	.64	.83	.98	35.1	10.3	2.51	.65	.85	.99	33.6	9.8	2.85	.67	.87	1.00
71°F (22°C)	1000	470	38.9	11.4	1.97	.43	.56	.69	37.5	11.0	2.22	.43	.57	.70	36.0	10.6	2.51	.44	.58	.72	34.5	10.1	2.84	.44	.59	.73
	1200	565	39.8	11.7	1.96	.44	.59	.74	38.4	11.3	2.21	.44	.60	.76	36.9	10.8	2.50	.44	.61	.77	35.3	10.3	2.84	.45	.62	.79
	1400	660	40.5	11.9	1.96	.45	.62	.79	39.0	11.4	2.21	.45	.63	.80	37.5	11.0	2.50	.46	.64	.82	35.8	10.5	2.83	.46	.66	.84
HS27-036 — CB30M-46 COOLING CAPACITY																										
63°F (17°C)	1000	470	34.2	10.0	1.97	.74	.89	1.00	33.0	9.7	2.23	.75	.90	1.00	31.7	9.3	2.52	.77	.92	1.00	30.3	8.9	2.86	.79	.94	1.00
	1200	565	35.3	10.3	1.97	.79	.94	1.00	34.0	10.0	2.23	.80	.96	1.00	32.8	9.6	2.52	.82	.98	1.00	31.4	9.2	2.86	.84	.99	1.00
	1400	660	36.3	10.6	1.97	.83	.99	1.00	35.1	10.3	2.22	.85	1.00	1.00	33.9	9.9	2.51	.87	1.00	1.00	32.6	9.6	2.85	.89	1.00	1.00
67°F (19°C)	1000	470	36.5	10.7	1.97	.58	.72	.85	35.2	10.3	2.22	.58	.73	.87	33.8	9.9	2.51	.59	.74	.89	32.3	9.5	2.85	.60	.76	.91
	1200	565	37.4	11.0	1.97	.60	.76	.91	36.1	10.6	2.22	.61	.78	.93	34.6	10.1	2.51	.62	.79	.95	33.1	9.7	2.85	.63	.81	.97
	1400	660	38.2	11.2	1.97	.63	.81	.96	36.8	10.8	2.22	.64	.83	.98	35.3	10.3	2.51	.65	.84	.99	33.7	9.9	2.84	.67	.87	1.00
71°F (22°C)	1000	470	39.1	11.5	1.96	.43	.56	.69	37.7	11.0	2.22	.43	.57	.70	36.2	10.6	2.50	.43	.57	.72	34.7	10.2	2.84	.44	.59	.73
	1200	565	39.8	11.7	1.96	.44	.59	.74	38.6	11.3	2.21	.44	.60	.75	37.0	10.8	2.50	.45	.61	.77	35.4	10.4	2.83	.45	.62	.79
	1400	660	40.7	11.9	1.96	.45	.62	.79	39.2	11.5	2.21	.45	.63	.80	37.6	11.0	2.50	.46	.64	.82	36.0	10.6	2.82	.46	.66	.84
HS27-036 — CB30M-51 - CB30U-51 COOLING CAPACITY																										
63°F (17°C)	1000	470	34.4	10.1	1.97	.74	.88	1.00	33.1	9.7	2.23	.75	.90	1.00	31.8	9.3	2.52	.77	.92	1.00	30.4	8.9	2.86	.78	.94	1.00
	1200	565	35.5	10.4	1.97	.78	.95	1.00	34.2	10.0	2.22	.80	.96	1.00	32.9	9.6	2.51	.82	.98	1.00	31.4	9.2	2.85	.84	.99	1.00
	1400	660	36.6	10.7	1.97	.83	.99	1.00	35.1	10.3	2.22	.85	1.00	1.00	34.1	10.0	2.51	.87	1.00	1.00	32.8	9.6	2.84	.89	1.00	1.00
67°F (19°C)	1000	470	36.8	10.8	1.97	.58	.71	.85	35.4	10.4	2.22	.58	.73	.86	34.0	10.0	2.51	.59	.74	.89	32.5	9.5	2.84	.60	.75	.90
	1200	565	37.8	11.1	1.96	.60	.76	.91	36.4	10.7	2.22	.61	.77	.93	34.9	10.2	2.50	.62	.79	.95	33.3	9.8	2.84	.63	.81	.97
	1400	660	38.6	11.3	1.96	.63	.81	.96	37.1	10.9	2.21	.64	.82	.98	35.6	10.4	2.50	.65	.85	.99	34.0	10.0	2.83	.67	.86	1.00
71°F (22°C)	1000	470	39.4	11.5	1.96	.43	.56	.69	38.0	11.1	2.21	.43	.57	.70	36.5	10.7	2.50	.43	.57	.71	34.9	10.2	2.83	.44	.58	.73
	1200	565	40.5	11.9	1.96	.44	.59	.74	38.6	11.3	2.21	.44	.60	.75	37.0	10.8	2.50	.45	.61	.77	35.4	10.4	2.83	.45	.62	.78
	1400	660	41.2	12.1	1.96	.45	.62	.79	39.7	11.6	2.21	.45	.63	.80	38.0	11.1	2.49	.46	.64	.82	36.3	10.6	2.82	.47	.66	.84
HS27-036 — CB31MV-41 COOLING CAPACITY																										
63°F (17°C)	1000	470	34.2	10.1	1.97	.74	.89	1.00	33.0	9.7	2.23	.75	.90	1.00	31.7	9.3	2.52	.77	.92	1.00	30.3	8.9	2.86	.79	.94	1.00
	1200	565	35.5	10.4	1.97	.78	.95	1.00	34.2	10.0	2.23	.80	.96	1.00	32.8	9.6	2.52	.82	.98	1.00	31.4	9.2	2.86	.84	.99	1.00
	1400	660	36.5	10.7	1.97	.83	.99	1.00	35.1	10.3	2.22	.85	1.00	1.00	33.9	9.9	2.51	.87	1.00	1.00	32.6	9.6	2.85	.89	1.00	1.00
67°F (19°C)	1000	470	36.5	10.7	1.97	.58	.72	.85	35.2	10.3	2.22	.58	.73	.86	33.8	9.9	2.51	.59	.74	.89	32.3	9.5	2.85	.60	.76	.91
	1200	565	37.4	11.0	1.97	.60	.76	.91	36.1	10.6	2.22	.61	.78	.93	34.6	10.1	2.51	.62	.79	.95	33.1	9.7	2.85	.63	.81	.97
	1400	660	38.2	11.2	1.97	.63	.81	.96	36.8	10.8	2.22	.64	.83	.98	35.3	10.3	2.51	.65	.84	.99	33.7	9.9	2.84	.67	.86	1.00
71°F (22°C)	1000	470	39.1	11.5	1.96	.43	.56	.69	37.9	11.1	2.21	.43	.56	.70	36.4	10.7	2.50	.43	.57	.71	34.8	10.2	2.83	.44	.58	.73
	1200	565	40.4	11.8	1.96	.44	.59	.74	38.8	11.4	2.21	.44	.60	.75	37.3	10.9	2.49	.45	.61	.77	35.6	10.4	2.82	.45	.62	.78
	1400	660	41.1	12.0	1.96	.45	.62	.79	39.5	11.6	2.21	.45	.63	.80	37.9	11.1	2.49	.46	.64	.82	36.2	10.6	2.82	.46	.66	.84
HS27-036 — CVP10-41/EC10Q3 COOLING CAPACITY																										
63°F (17°C)	1000	470	33.2	9.7	1.96	.77	.91	1.00	32.0	9.4	2.19	.78	.92	1.00	30.8	9.0	2.48	.80	.95	1.00	29.4	8.6	2.80	.81	.96	1.00
	1200	565	34.4	10.1	1.96	.81	.96	1.00	33.2	9.7	2.20	.83	.98	1.00	32.0	9.4	2.48	.84	.99	1.00	30.8	9.0	2.80	.86	1.00	1.00
	1400	660																								

3.5 TON

RATINGS

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

Entering Wet Bulb Tempera- ture	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																								
		85°F (29°C)						95°F (35°C)						105°F (41°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	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	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C					
HS27-042 — C23-41 COOLING CAPACITY																										
63°F (17°C)	1200	565	38.0	11.1	2.44	.75	.89	.99	36.8	10.8	2.76	.76	.90	1.00	35.5	10.4	3.13	.77	.92	1.00	34.1	10.0	3.56	.79	.94	1.00
1400	660	39.0	11.4	2.43	.78	.93	1.00	37.7	11.0	2.76	.79	.95	1.00	36.4	10.7	3.13	.81	.96	1.00	35.0	10.3	3.55	.83	.97	1.00	
1600	755	39.8	11.7	2.43	.82	.97	1.00	38.6	11.3	2.75	.83	.98	1.00	37.2	10.9	3.12	.85	.99	1.00	35.8	10.5	3.54	.87	1.00	1.00	
67°F (19°C)	1200	565	40.4	11.8	2.43	.58	.72	.86	39.1	11.5	2.75	.59	.73	.87	37.6	11.0	3.12	.59	.75	.89	36.1	10.6	3.54	.60	.76	.91
1400	660	41.2	12.1	2.42	.60	.76	.90	39.8	11.7	2.75	.61	.77	.92	38.3	11.2	3.12	.62	.79	.93	36.8	10.8	3.53	.63	.80	.95	
1600	755	41.8	12.3	2.42	.62	.79	.94	40.4	11.8	2.74	.63	.81	.96	38.9	11.4	3.11	.64	.83	.97	37.3	10.9	3.53	.65	.84	.98	
71°F (22°C)	1200	565	43.1	12.6	2.42	.43	.56	.70	41.7	12.2	2.74	.43	.57	.71	40.2	11.8	3.10	.44	.58	.72	38.6	11.3	3.52	.44	.59	.74
1400	660	43.9	12.9	2.42	.44	.59	.74	42.5	12.5	2.74	.44	.59	.75	40.9	12.0	3.10	.44	.60	.76	39.3	11.5	3.51	.45	.61	.78	
1600	755	44.5	13.0	2.42	.45	.61	.77	43.0	12.6	2.73	.45	.62	.79	41.5	12.2	3.10	.45	.63	.80	39.8	11.7	3.51	.46	.64	.82	
HS27-042 — C33-42B COOLING CAPACITY																										
63°F (17°C)	1100	520	38.0	11.1	2.41	.76	.88	1.00	36.8	10.8	2.72	.77	.90	1.00	35.4	10.4	3.07	.78	.92	1.00	33.8	9.9	3.47	.79	.94	1.00
1300	615	39.5	11.6	2.41	.79	.93	1.00	38.0	11.1	2.72	.80	.95	1.00	36.6	10.7	3.07	.81	.97	1.00	35.0	10.3	3.48	.83	.99	1.00	
1500	710	40.9	11.9	2.42	.82	.97	1.00	39.0	11.4	2.73	.83	.99	1.00	37.6	11.0	3.08	.85	1.00	1.00	36.2	10.6	3.48	.87	1.00	1.00	
67°F (19°C)	1100	520	40.0	11.7	2.42	.61	.73	.85	38.5	11.3	2.72	.61	.74	.87	37.2	10.9	3.08	.62	.75	.88	35.8	10.5	3.47	.63	.77	.90
1300	615	41.5	12.2	2.43	.63	.77	.90	40.0	11.7	2.73	.64	.78	.92	38.5	11.3	3.08	.64	.79	.94	37.0	10.8	3.48	.66	.81	.96	
1500	710	42.5	12.5	2.44	.65	.80	.94	41.0	12.0	2.74	.66	.81	.96	39.5	11.6	3.08	.67	.83	.98	37.8	11.1	3.47	.68	.85	1.00	
71°F (22°C)	1100	520	42.0	12.3	2.43	.47	.59	.71	40.5	11.9	2.73	.48	.60	.72	39.0	11.4	3.08	.48	.61	.73	37.4	11.0	3.48	.48	.62	.75
1300	615	43.5	12.7	2.44	.48	.62	.74	42.0	12.3	2.75	.49	.62	.75	40.5	11.9	3.09	.49	.63	.77	39.0	11.4	3.49	.50	.64	.79	
1500	710	44.5	13.0	2.45	.49	.64	.78	43.0	12.6	2.75	.50	.65	.79	41.5	12.2	3.09	.50	.66	.81	40.0	11.7	3.49	.51	.67	.82	
HS27-042 — C23-46 COOLING CAPACITY																										
63°F (17°C)	1200	565	39.0	11.4	2.45	.75	.89	.99	37.7	11.0	2.77	.76	.91	1.00	36.3	10.6	3.15	.77	.92	1.00	34.8	10.2	3.57	.79	.94	1.00
1400	660	40.0	11.7	2.44	.79	.94	1.00	38.7	11.3	2.77	.80	.95	1.00	37.3	10.9	3.14	.81	.97	1.00	35.8	10.5	3.56	.83	.98	1.00	
1600	755	40.9	12.0	2.44	.82	.97	1.00	39.6	11.6	2.76	.84	.98	1.00	38.2	11.2	3.13	.85	.99	1.00	36.8	10.8	3.55	.87	1.00	1.00	
67°F (19°C)	1200	565	41.4	12.1	2.44	.58	.72	.86	40.0	11.7	2.76	.59	.74	.88	38.5	11.3	3.13	.59	.75	.89	36.9	10.8	3.55	.60	.76	.91
1400	660	42.2	12.4	2.44	.60	.76	.91	40.8	12.0	2.76	.61	.77	.92	39.3	11.5	3.13	.62	.79	.94	37.6	11.0	3.54	.63	.81	.96	
1600	755	42.9	12.6	2.44	.62	.80	.95	41.4	12.1	2.75	.63	.81	.96	39.9	11.7	3.12	.64	.83	.98	38.2	11.2	3.54	.66	.85	.99	
71°F (22°C)	1200	565	44.2	13.0	2.44	.43	.57	.70	42.7	12.5	2.75	.43	.57	.71	41.2	12.1	3.12	.43	.58	.72	39.5	11.6	3.53	.44	.59	.74
1400	660	45.0	13.2	2.45	.44	.59	.74	43.5	12.5	2.76	.44	.60	.75	41.9	12.3	3.12	.44	.61	.77	40.2	11.8	3.53	.45	.62	.78	
1600	755	45.6	13.4	2.45	.45	.61	.78	44.1	12.9	2.76	.45	.62	.79	42.4	12.4	3.12	.46	.63	.81	40.7	11.9	3.53	.46	.65	.83	
HS27-042 — C33-44C COOLING CAPACITY																										
63°F (17°C)	1100	520	39.5	11.6	2.41	.74	.87	.99	38.0	11.1	2.72	.75	.88	1.00	36.6	10.7	3.08	.77	.90	1.00	35.0	10.3	3.48	.78	.92	1.00
1300	615	41.0	12.0	2.42	.78	.91	1.00	39.5	11.6	2.73	.78	.93	1.00	37.8	11.1	3.08	.80	.95	1.00	36.2	10.6	3.47	.82	.97	1.00	
1500	710	42.0	12.3	2.43	.81	.96	1.00	40.5	11.9	2.74	.82	.98	1.00	39.0	11.4	3.09	.84	.99	1.00	37.2	10.9	3.48	.85	1.00	1.00	
67°F (19°C)	1100	520	42.0	12.3	2.43	.59	.72	.84	40.5	11.9	2.74	.60	.73	.85	39.0	11.4	3.08	.61	.74	.87	37.2	10.9	3.48	.62	.75	.88
1300	615	43.0	12.6	2.44	.62	.75	.88	41.5	12.2	2.74	.62	.76	.90	40.0	11.7	3.09	.63	.78	.92	38.5	11.3	3.48	.64	.79	.94	
1500	710	44.5	13.0	2.45	.64	.78	.93	43.0	12.6	2.75	.65	.80	.95	41.0	12.0	3.10	.65	.81	.96	39.5	11.6	3.49	.67	.83	.99	
71°F (22°C)	1100	520	44.0	12.9	2.45	.47	.58	.69	42.5	12.5	2.75	.47	.59	.70	41.0	12.0	3.10	.47	.60	.72	39.5	11.6	3.48	.48	.60	.73
1300	615	45.5	13.3	2.46	.47	.59	.74	44.0	12.9	2.76	.48	.61	.74	42.5	12.5	3.11	.48	.62	.75	40.5	11.9	3.49	.49	.63	.77	
1500	710	46.5	13.6	2.47	.48	.62	.76	45.0	13.2	2.77	.49	.63	.77	43.5	12.7	3.11	.49	.64	.79	41.5	12.2	3.50	.50	.65	.81	
HS27-042 — C33-48B/C COOLING CAPACITY																										
63°F (17°C)	1100	520	39.5	11.6	2.41	.74	.86	.98	38.0	11.1	2.72	.75	.88	.99	36.8	10.8	3.07	.76	.89	1.00	35.2	10.3	3.48	.77	.91	1.00
1300	615	41.0	12.0	2.43	.77	.91	1.00	39.5	11.6	2.73	.78	.92	1.00	38.0	11.1	3.08	.80	.94	1.00	36.6	10.7	3.47	.81	.96	1.00	
1500	710	42.5	12.5	2.43	.80	.95	1.00	41.0	12.0	2.74	.81	.97	1.00	39.0	11.4	3.09	.83	.99	1.00	37.6	11.0	3.48	.85	1.00	1.00	
67°F (19°C)	1100	520	42.0	12.3</																						

RATINGS

3.5 TON

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

Entering Wet Bulb Tempera- ture	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	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C			
HS27-042 — C33-50/60C COOLING CAPACITY																										
63°F (17°C)	1100	520	40.0	11.7	2.42	.74	.87	.99	38.5	11.3	2.72	.76	.88	1.00	37.2	10.9	3.08	.76	.90	1.00	35.6	10.4	3.48	.78	.92	1.00
	1300	615	41.5	12.2	2.43	.77	.91	1.00	40.0	11.7	2.73	.79	.93	1.00	38.5	11.3	3.09	.80	.95	1.00	37.0	10.8	3.47	.82	.97	1.00
	1500	710	43.0	12.6	2.44	.81	.96	1.00	41.5	12.2	2.74	.82	.98	1.00	39.5	11.6	3.09	.84	.99	1.00	38.0	11.1	3.48	.86	1.00	1.00
67°F (19°C)	1100	520	42.5	12.5	2.43	.60	.72	.84	41.0	12.0	2.74	.60	.73	.85	39.5	11.6	3.09	.61	.74	.86	37.8	11.1	3.48	.62	.75	.88
	1300	615	44.0	12.9	2.44	.62	.75	.88	42.5	12.5	2.75	.62	.76	.90	41.0	12.0	3.09	.63	.78	.92	39.0	11.4	3.49	.64	.79	.94
	1500	710	45.0	13.2	2.46	.64	.78	.93	43.5	12.7	2.76	.65	.80	.94	41.5	12.2	3.10	.66	.81	.96	40.0	11.7	3.49	.67	.83	.98
71°F (22°C)	1100	520	45.0	13.2	2.46	.46	.58	.70	43.5	12.7	2.76	.47	.59	.71	41.5	12.2	3.10	.47	.59	.72	40.0	11.7	3.49	.47	.60	.73
HS27-042 — C33-60D COOLING CAPACITY																										
63°F (17°C)	1200	565	40.5	11.9	2.43	.73	.88	.99	39.1	11.5	2.75	.74	.89	1.00	37.6	11.0	3.11	.76	.91	1.00	36.0	10.6	3.52	.77	.93	1.00
	1400	660	41.6	12.2	2.44	.77	.92	1.00	40.1	11.8	2.76	.78	.94	1.00	38.6	11.3	3.12	.80	.96	1.00	37.0	10.8	3.53	.81	.97	1.00
	1600	755	42.5	12.5	2.45	.81	.96	1.00	41.0	12.0	2.76	.82	.98	1.00	39.5	11.6	3.12	.84	.99	1.00	38.0	11.1	3.53	.85	1.00	1.00
67°F (19°C)	1200	565	43.1	12.6	2.46	.57	.71	.84	41.6	12.2	2.77	.58	.72	.86	40.0	11.7	3.12	.59	.74	.87	38.3	11.2	3.54	.60	.75	.89
	1400	660	44.1	12.9	2.46	.59	.75	.89	42.5	12.5	2.78	.60	.76	.91	40.9	12.0	3.13	.61	.78	.93	39.1	11.5	3.54	.62	.79	.95
	1600	755	44.8	13.1	2.47	.62	.78	.94	43.2	12.7	2.78	.63	.80	.95	41.5	12.2	3.14	.63	.82	.97	39.7	11.6	3.54	.64	.84	.99
71°F (22°C)	1200	565	46.1	13.5	2.48	.43	.56	.68	44.5	13.0	2.79	.43	.56	.69	42.8	12.5	3.14	.43	.57	.71	41.0	12.0	3.55	.43	.58	.72
HS27-042 — C26-51/65 COOLING CAPACITY																										
63°F (17°C)	1200	565	41.0	12.0	2.43	.75	.89	1.00	39.5	11.6	2.75	.76	.91	1.00	38.0	11.1	3.11	.77	.92	1.00	36.4	10.7	3.53	.79	.95	1.00
	1400	660	42.1	12.3	2.44	.79	.94	1.00	40.6	11.9	2.75	.80	.96	1.00	39.1	11.5	3.11	.82	.97	1.00	37.6	11.0	3.52	.83	.99	1.00
	1600	755	43.1	12.6	2.45	.83	.98	1.00	41.7	12.2	2.76	.84	.99	1.00	40.3	11.8	3.11	.86	.98	1.00	38.8	11.4	3.52	.88	1.00	1.00
67°F (19°C)	1200	565	43.6	12.8	2.45	.58	.72	.86	42.1	12.3	2.76	.59	.73	.87	40.5	11.9	3.12	.59	.75	.89	38.7	11.3	3.52	.60	.76	.91
	1400	660	44.6	13.1	2.46	.60	.76	.91	43.0	12.6	2.77	.61	.78	.93	41.3	12.1	3.12	.62	.79	.95	39.5	11.6	3.53	.63	.81	.97
	1600	755	45.3	13.3	2.47	.63	.78	.94	43.7	12.8	2.77	.64	.82	.97	42.0	12.3	3.13	.65	.84	.99	40.2	11.8	3.53	.66	.86	1.00
71°F (22°C)	1200	565	46.6	13.7	2.48	.43	.56	.70	45.0	13.2	2.78	.43	.57	.71	43.3	12.7	3.14	.43	.58	.72	41.4	12.1	3.55	.44	.59	.73
HS27-042 — C33-62D COOLING CAPACITY																										
63°F (17°C)	1100	520	40.5	11.9	2.42	.75	.87	.99	39.5	11.6	2.73	.76	.89	1.00	37.8	11.1	3.08	.77	.90	1.00	36.2	10.6	3.47	.78	.93	1.00
	1300	615	42.5	12.5	2.43	.78	.92	1.00	41.0	12.0	2.74	.79	.94	1.00	39.5	11.6	3.08	.81	.96	1.00	37.6	11.0	3.48	.83	.98	1.00
	1500	710	43.5	12.7	2.44	.82	.97	1.00	42.0	12.3	2.75	.83	.99	1.00	40.5	11.9	3.09	.85	1.00	1.00	39.0	11.4	3.49	.86	1.00	1.00
67°F (19°C)	1100	520	43.0	12.6	2.43	.60	.72	.84	41.5	12.2	2.74	.61	.73	.85	40.0	11.7	3.09	.61	.74	.87	38.5	11.3	3.48	.62	.76	.89
	1300	615	44.5	13.0	2.45	.62	.76	.88	43.0	12.6	2.75	.63	.77	.91	41.5	12.2	3.10	.64	.78	.93	40.0	11.7	3.49	.65	.80	.95
	1500	710	46.0	13.5	2.46	.63	.79	.94	43.7	12.8	2.77	.64	.81	.96	42.0	12.3	3.13	.65	.84	.99	40.2	12.0	3.50	.66	.88	1.00
71°F (22°C)	1200	565	46.6	13.7	2.48	.43	.56	.70	44.0	12.9	2.76	.47	.59	.71	42.0	12.3	3.10	.47	.59	.72	40.5	11.9	3.50	.48	.61	.73
HS27-042 — C23-51/65 COOLING CAPACITY																										
63°F (17°C)	1200	565	41.1	12.0	2.44	.74	.88	1.00	39.6	11.6	2.76	.75	.90	1.00	38.1	11.2	3.12	.77	.92	1.00	36.5	10.7	3.55	.78	.93	1.00
	1400	660	42.2	12.4	2.44	.78	.93	1.00	40.7	11.9	2.76	.79	.95	1.00	39.2	11.5	3.12	.81	.96	1.00	37.6	11.0	3.54	.82	.98	1.00
	1600	755	43.2	12.7	2.45	.82	.97	1.00	41.7	12.2	2.76	.83	.99	1.00	40.2	11.8	3.13	.85	1.00	1.00	38.7	11.3	3.53	.87	1.00	1.00
67°F (19°C)	1200	565	43.8	12.8	2.46	.58	.71	.85	42.3	12.4	2.77	.58	.73	.87	40.6	11.9	3.13	.59	.74	.88	38.9	11.4	3.54	.60	.76	.90
	1400	660	44.8	13.1	2.47	.60	.75	.90	43.2	12.7	2.78	.61	.77	.92	41.5	12.2	3.10	.64	.78	.93	40.0	11.7	3.54	.62	.80	.96
	1500	710	46.0	13.5	2.46	.63	.79	.94	43.9	12.9	2.79	.63	.81	.96	42.2	12.4	3.14	.66	.82	.98	40.3	11.8	3.55	.65	.85	.99
71°F (22°C)	1200	565	46.8	13.7	2.48	.43	.56	.69	45.2	13.2	2.79	.43	.57	.70	43.5	12.7	3.15	.43	.57	.71	41.7	12.2	3.55	.44	.58	.73
HS27-042 — C33-44C with G61MPV-60C COOLING CAPACITY																										
63°F (17°C)	1275	600	40.5	11.9	2.42	.77	.91	1.00	39.0	11.4	2.73	.78	.92	1.00	37.6	11.0	3.08	.79	.94	1.00	36.0	10.6	3.47	.81	.96	1.00
	1385	655	41.0	12.0	2.42	.79	.93	1.00	39.5	11.6	2.73	.80	.95	1.00	38.0	11.1	3.08	.81	.97	1.00	36.6</					

3.5 TON

RATINGS

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

Entering Wet Bulb Tempera- ture	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																		
		85°F (29°C)						95°F (35°C)						105°F (41°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	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	
HS27-042 — C33-50/60C with G61MPV-60C COOLING CAPACITY																				
63°F (17°C)	1275	600	41.5	12.2	2.43	.76	.90	1.00	40.0	11.7	2.73	.78	.92	1.00	38.5	11.3	3.08	.79	.94	1.00
	1385	655	42.0	12.3	2.43	.78	.93	1.00	40.5	11.6	2.73	.80	.95	1.00	39.0	11.4	3.08	.81	.97	1.00
	1565	740	43.0	12.6	2.44	.81	.97	1.00	41.5	12.2	2.74	.83	.99	1.00	40.0	11.7	3.09	.85	1.00	1.00
67°F (19°C)	1275	600	43.5	12.7	2.45	.61	.75	.87	42.0	12.3	2.75	.61	.75	.89	40.5	11.9	3.09	.62	.77	.91
	1385	655	44.5	13.0	2.45	.62	.76	.90	43.0	12.6	2.75	.63	.77	.91	41.0	12.0	3.10	.64	.79	.93
	1565	740	45.5	13.3	2.46	.64	.79	.94	43.5	12.7	2.76	.65	.81	.96	42.0	12.3	3.10	.66	.82	.98
71°F (22°C)	1275	600	46.0	13.5	2.47	.47	.59	.72	44.5	13.0	2.76	.47	.60	.73	43.0	12.6	3.10	.47	.61	.74
	1385	655	47.0	13.8	2.47	.47	.61	.73	45.0	13.2	2.77	.48	.61	.75	43.5	12.7	3.12	.48	.63	.76
	1565	740	48.0	14.1	2.48	.48	.63	.77	46.0	13.5	2.78	.49	.64	.78	44.5	13.0	3.12	.49	.65	.80
HS27-042 — C33-44C with G60UHV-60C COOLING CAPACITY																				
63°F (17°C)	1335	630	41.0	12.0	2.42	.77	.92	1.00	39.5	11.6	2.73	.78	.93	1.00	37.8	11.1	3.08	.80	.95	1.00
	1335	630	41.0	12.0	2.42	.77	.92	1.00	39.5	11.6	2.73	.78	.93	1.00	37.8	11.1	3.08	.80	.95	1.00
	1480	700	41.5	12.2	2.43	.80	.95	1.00	40.0	11.7	2.73	.81	.97	1.00	38.5	11.3	3.09	.83	.99	1.00
67°F (19°C)	1335	630	43.5	12.7	2.44	.62	.75	.88	42.0	12.3	2.74	.62	.76	.90	40.0	11.7	3.09	.63	.78	.92
	1335	630	43.5	12.7	2.44	.62	.75	.88	42.0	12.3	2.74	.62	.76	.90	40.0	11.7	3.09	.63	.78	.94
	1480	700	44.0	12.9	2.45	.63	.77	.92	42.5	12.5	2.75	.63	.79	.94	41.0	12.0	3.09	.65	.80	.95
71°F (22°C)	1335	630	45.5	13.3	2.46	.47	.60	.73	44.0	12.9	2.76	.47	.61	.74	42.5	12.5	3.11	.47	.61	.75
	1335	630	45.5	13.3	2.46	.47	.60	.73	44.0	12.9	2.76	.47	.61	.75	42.5	12.5	3.11	.47	.61	.77
	1480	700	46.5	13.6	2.47	.48	.61	.75	45.0	13.2	2.77	.48	.62	.76	43.0	12.6	3.11	.48	.63	.80
HS27-042 — C33-48C with G60UHV-60C COOLING CAPACITY																				
63°F (17°C)	1335	630	41.0	12.0	2.43	.77	.91	1.00	39.5	11.6	2.73	.78	.92	1.00	38.0	11.1	3.08	.79	.94	1.00
	1335	630	41.0	12.0	2.43	.77	.91	1.00	39.5	11.6	2.73	.78	.92	1.00	38.0	11.1	3.08	.79	.94	1.00
	1480	700	42.0	12.3	2.43	.79	.94	1.00	40.5	11.9	2.74	.81	.96	1.00	39.0	11.4	3.09	.82	.98	1.00
67°F (19°C)	1335	630	43.5	12.7	2.44	.61	.75	.87	42.0	12.3	2.74	.62	.76	.89	40.5	11.9	3.09	.63	.77	.91
	1335	630	43.5	12.7	2.44	.61	.75	.87	42.0	12.3	2.74	.62	.76	.89	40.5	11.9	3.09	.63	.77	.93
	1480	700	44.0	13.0	2.45	.63	.77	.91	43.0	12.6	2.75	.63	.78	.93	41.0	12.0	3.10	.64	.80	.95
71°F (22°C)	1335	630	46.0	13.5	2.46	.47	.60	.72	44.5	13.0	2.76	.47	.60	.73	42.5	12.5	3.10	.47	.61	.75
	1335	630	46.0	13.5	2.46	.47	.60	.72	44.5	13.0	2.76	.47	.60	.73	42.5	12.5	3.10	.47	.61	.76
	1480	700	47.0	13.8	2.48	.47	.61	.75	45.0	13.2	2.77	.48	.62	.76	43.5	12.7	3.12	.48	.63	.80
HS27-042 — CR26-36N/W-F COOLING CAPACITY																				
63°F (17°C)	1100	520	38.5	11.3	2.41	.75	.89	.99	37.0	10.8	2.71	.76	.90	1.00	35.6	10.4	3.07	.78	.92	1.00
	1300	615	39.5	11.6	2.41	.79	.93	1.00	38.5	11.3	2.72	.80	.95	1.00	36.8	10.8	3.07	.82	.97	1.00
	1500	710	41.0	12.0	2.42	.83	.97	1.00	39.5	11.6	2.73	.84	.99	1.00	37.8	11.1	3.09	.83	.99	1.00
67°F (19°C)	1100	520	44.0	12.9	2.45	.62	.75	.88	42.5	12.5	2.75	.62	.76	.90	41.0	12.0	3.09	.63	.78	.94
	1300	615	44.0	12.9	2.45	.62	.75	.88	42.5	12.5	2.75	.62	.76	.90	41.0	12.0	3.09	.63	.78	.94
	1480	700	45.0	13.2	2.46	.63	.77	.92	43.5	12.7	2.76	.64	.79	.93	41.5	12.2	3.10	.65	.80	.98
71°F (22°C)	1100	520	46.5	13.6	2.47	.47	.60	.73	45.0	13.2	2.77	.47	.61	.74	43.0	12.6	3.11	.48	.62	.75
	1300	615	46.5	13.6	2.47	.47	.60	.73	45.0	13.2	2.77	.47	.61	.74	43.0	12.6	3.11	.48	.62	.76
	1480	700	47.5	13.9	2.48	.48	.61	.75	45.5	13.3	2.78	.48	.63	.77	44.0	12.9	3.12	.49	.64	.80
HS27-042 — CR26-48N/W-F COOLING CAPACITY																				
63°F (17°C)	1100	520	39.0	11.4	2.41	.74	.87	.98	37.4	11.0	2.72	.75	.88	.99	36.0	10.6	3.07	.76	.90	1.00
	1300	615	40.0	11.7	2.42	.77	.91	1.00	38.5	11.3	2.72	.78	.93	1.00	37.2	10.9	3.08	.80	.95	1.00
	1500	710	41.0	12.0	2.42	.80	.95	1.00	39.5	11.6	2.73	.82	.97	1.00	38.0	11.1	3.08	.83	.98	1.00
67°F (19°C)	1100	520	41.0	12.0	2.42	.60	.72	.83	39.5	11.6	2.73	.61	.73	.85	38.0	11.1	3.08	.62	.75	.88
	1300	615	42.5	12.5	2.43	.62	.75	.88	41.0	12.0	2.74	.63	.76	.89	39.5	11.6	3.09	.63	.77	.89
	1500	710	43.5	12.7	2.44	.64	.78	.92	42.0	12.3	2.74	.65	.79	.94	40.5	11.9	3.09	.65	.81	.98
71°F (22°C)	1100	520	43.0	12.6	2.44	.46	.58	.69	42.0	12.3	2.74	.46	.59	.70	40.5	11.9	3.09	.47	.60	.73
	1300	615	45.0	13.2	2.46	.47	.61	.72	43.5	12.7	2.75	.48	.61	.74	41.5	12.2	3.10	.48	.62	.76
	1500	710	46.0	13.5	2.47	.49	.63	.76	44.5	13.0	2.76	.49	.63	.77	42.5	12.5	3.11	.49	.64	.80
HS27-042 — CR26-60N/W-F COOLING CAPACITY																				
63°F (17°C)	1075	505	39.5	11.6	2.41	.75	.88	.99	38.5	11.3	2.72	.76	.89	1.00	36.8	10.8	3.07	.77	.91	1.00
	1275	600	41.0	12.0	2.42	.78	.93	1.00	39.5	11.6	2.73	.80	.94	1.00	38.0	11.1	3.08	.81	.96	1.00
	1475	695	42.0	12.3	2.43	.82	.97	1.00	41.0	12.0	2.74	.83	.98	1.00	39.5	11.6	3.09	.85	.99	1.00
67°F (19°C)	1075	505	42.0	12.3	2.43	.60	.72	.84	40.5	11.9	2.74	.61	.73	.86	39.0	11.4	3.08	.62	.75	.89
	1275	600	43.5	12.7	2.44	.62	.76	.89	42.0	12.3	2.74	.6								

RATINGS

3.5 TON

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

Entering Wet Bulb Tempera- ture	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			
HS27-042 — CR26-36W-F with G61MPV-60C COOLING CAPACITY																										
63°F (17°C)	1260	595	39.5	11.6	2.41	.78	.92	1.00	37.8	11.1	2.72	.79	.94	1.00	36.4	10.7	3.07	.80	.95	1.00	34.8	10.2	3.47	.82	.97	1.00
	1370	645	40.0	11.7	2.41	.80	.94	1.00	38.5	11.3	2.73	.81	.96	1.00	37.2	10.9	3.08	.83	.98	1.00	35.6	10.4	3.47	.85	.99	1.00
	1550	730	41.0	12.0	2.42	.83	.98	1.00	39.5	11.6	2.73	.85	.99	1.00	38.0	11.1	3.08	.86	1.00	1.00	36.6	10.7	3.47	.88	1.00	1.00
67°F (19°C)	1260	595	41.5	12.2	2.43	.62	.75	.89	40.0	11.7	2.73	.62	.77	.90	38.5	11.3	3.08	.63	.78	.92	36.8	10.8	3.48	.64	.80	.94
	1370	645	42.0	12.3	2.43	.63	.77	.91	40.5	11.9	2.73	.64	.79	.93	39.0	11.4	3.08	.65	.80	.95	37.4	11.0	3.48	.66	.82	.97
	1550	730	43.0	12.6	2.44	.65	.81	.95	41.5	12.2	2.74	.66	.82	.97	40.0	11.7	3.09	.67	.84	.98	38.0	11.1	3.47	.68	.86	.99
71°F (22°C)	1260	595	43.5	12.7	2.44	.47	.60	.73	42.0	12.3	2.75	.47	.61	.74	40.5	11.9	3.09	.48	.62	.76	39.0	11.4	3.49	.48	.63	.77
	1370	645	44.5	13.0	2.45	.48	.62	.75	43.0	12.6	2.75	.48	.62	.77	41.5	12.2	3.10	.48	.63	.78	39.5	11.6	3.49	.49	.64	.80
	1550	730	45.5	13.3	2.46	.49	.64	.79	43.5	12.7	2.76	.49	.65	.80	42.0	12.3	3.10	.50	.66	.82	40.5	11.9	3.49	.50	.67	.84
HS27-042 — CR26-48N-F with G61MPV-60C - CR26-48W-F with G61MPV-60D COOLING CAPACITY																										
63°F (17°C)	1260	595	39.5	11.6	2.41	.76	.90	1.00	38.5	11.3	2.72	.77	.91	1.00	36.8	10.8	3.07	.78	.93	1.00	35.2	10.3	3.47	.80	.95	1.00
	1370	645	40.5	11.9	2.42	.78	.92	1.00	39.0	11.4	2.72	.79	.94	1.00	37.4	11.0	3.08	.80	.96	1.00	35.8	10.5	3.48	.82	.98	1.00
	1550	730	41.5	12.2	2.43	.81	.96	1.00	40.0	11.7	2.73	.82	.98	1.00	38.5	11.3	3.08	.84	.99	1.00	36.8	10.8	3.48	.85	1.00	1.00
67°F (19°C)	1260	595	42.0	12.3	2.43	.61	.74	.86	40.5	11.9	2.74	.62	.75	.88	39.0	11.4	3.08	.62	.76	.90	37.4	11.0	3.48	.63	.78	.92
	1370	645	42.5	12.5	2.43	.62	.76	.89	41.5	12.2	2.74	.63	.77	.90	39.5	11.6	3.09	.64	.78	.92	38.0	11.1	3.48	.65	.80	.95
	1550	730	43.5	12.7	2.44	.64	.78	.93	42.0	12.3	2.74	.65	.80	.95	40.5	11.9	3.09	.66	.81	.97	39.0	11.4	3.49	.67	.83	.98
71°F (22°C)	1260	595	44.5	13.0	2.45	.46	.60	.71	43.0	12.6	2.75	.47	.60	.73	41.5	12.2	3.10	.48	.61	.74	39.5	11.6	3.48	.47	.62	.75
	1370	645	45.0	13.2	2.46	.47	.61	.73	43.5	12.7	2.76	.48	.61	.74	42.0	12.3	3.10	.48	.62	.76	40.0	11.7	3.49	.48	.63	.77
	1550	730	46.0	13.5	2.47	.48	.63	.76	44.5	13.0	2.76	.49	.64	.77	43.0	12.6	3.11	.49	.64	.79	41.0	12.0	3.50	.50	.66	.81
HS27-042 — CR26-60N-F with G61MPV-60C - CR26-60W-F with G61MPV-60D COOLING CAPACITY																										
63°F (17°C)	1305	615	41.0	12.0	2.42	.78	.93	1.00	39.5	11.6	2.73	.79	.94	1.00	38.0	11.1	3.08	.81	.96	1.00	36.6	10.7	3.48	.83	.98	1.00
	1415	670	42.0	12.3	2.43	.80	.95	1.00	40.5	11.9	2.74	.81	.97	1.00	39.0	11.4	3.09	.83	.99	1.00	37.4	11.0	3.48	.85	1.00	1.00
	1595	755	43.0	12.6	2.44	.83	.99	1.00	41.5	12.2	2.74	.85	.99	1.00	40.0	11.7	3.09	.87	1.00	1.00	38.5	11.3	3.48	.89	1.00	1.00
67°F (19°C)	1305	615	43.5	12.7	2.44	.62	.76	.90	42.0	12.3	2.74	.63	.77	.91	40.5	11.9	3.09	.63	.79	.93	39.0	11.4	3.49	.65	.80	.95
	1415	670	44.5	13.0	2.45	.63	.78	.92	42.5	12.5	2.75	.64	.79	.94	41.0	12.0	3.10	.65	.81	.96	39.5	11.6	3.48	.66	.83	.98
	1595	755	45.0	13.2	2.46	.65	.81	.97	43.5	12.7	2.76	.66	.83	.98	42.0	12.3	3.10	.67	.85	.99	40.0	11.7	3.49	.69	.87	1.00
71°F (22°C)	1305	615	46.0	13.5	2.47	.47	.61	.74	44.5	13.0	2.76	.48	.61	.75	42.5	12.5	3.11	.48	.64	.76	40.0	12.0	3.50	.51	.68	.84
	1415	670	46.5	13.6	2.47	.48	.62	.76	45.0	13.2	2.77	.49	.65	.81	44.0	12.9	3.12	.50	.66	.83	42.5	12.5	3.51	.51	.68	.84
HS27-042 — CR26-36W-F with G60DFV-60C COOLING CAPACITY																										
63°F (17°C)	1370	645	40.0	11.7	2.41	.80	.94	1.00	38.5	11.3	2.73	.81	.96	1.00	37.2	10.9	3.08	.83	.98	1.00	35.6	10.4	3.47	.85	.99	1.00
	1370	645	40.0	11.7	2.41	.80	.94	1.00	38.5	11.3	2.73	.81	.96	1.00	37.2	10.9	3.08	.83	.98	1.00	35.6	10.4	3.47	.85	.99	1.00
	2890	1365	46.0	13.5	2.46	.99	1.00	44.5	13.0	2.77	.99	1.00	1.00	43.0	12.6	3.11	1.00	1.00	1.00	41.0	12.0	3.50	1.00	1.00	1.00	
67°F (19°C)	1370	645	42.0	12.3	2.43	.63	.77	.91	40.5	11.9	2.73	.64	.79	.93	39.0	11.4	3.08	.65	.80	.95	37.4	11.0	3.48	.66	.82	.97
	2890	1365	46.5	13.6	2.43	.77	.98	1.00	45.0	13.2	2.77	.77	.99	1.00	43.0	12.6	3.11	.81	1.00	1.00	41.0	12.0	3.50	.82	1.00	1.00
71°F (22°C)	1370	645	44.5	13.0	2.45	.48	.62	.75	43.0	12.6	2.75	.48	.62	.77	41.5	12.2	3.10	.48	.63	.78	39.5	11.6	3.49	.49	.64	.80
	2890	1365	49.0	14.4	2.51	.54	.77	.96	47.0	13.8	2.79	.55	.79	.98	45.0	13.2	3.13	.54	.76	.80	43.0	12.6	3.51	.56	.82	.88
HS27-042 — CR26-48N-F with G60DFV-60C - CR26-48W-F with G60DFV-60D COOLING CAPACITY																										
63°F (17°C)	1370	645	40.5	11.9	2.42	.78	.92	1.00	39.0	11.4	2.72	.79	.94	1.00	37.4	11.0	3.08	.80	.96	1.00	35.8	10.5	3.48	.82	.98	1.00
	1370	645	40.5	11.9	2.42	.78	.92	1.00	39.0	11.4	2.72	.79	.94	1.00	37.4	11.0	3.08	.80	.96	1.00	35.8	10.5	3.48	.82	.98	1.00
	2890	1365	46.5	13.6	2.47	.97	1.00	45.0	13.2	2.77	.99	1.00	1.00	43.5	12.7	3.11	.99	1.00	1.00	42.0	12.3	3.50	1.00	1.00	1.00	
67°F (19°C)	1370	645	42.5	12.5	2.43	.62	.76	.89	41.5	12.2	2.74	.63	.77	.90	39.5	11.6	3.09	.64	.78	.92	38.0	11.1	3.48	.65	.80	.95
	2890	1365	47.5	13.9	2.48	.74	.96	1.0																		

RATINGS

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

Entering Wet Bulb Tempera- ture	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																		
		85°F (29°C)						95°F (35°C)						105°F (41°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	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	
HS27-042 — CH23-65 COOLING CAPACITY																				
63°F (17°C)	1100	520	39.0	11.4	2.41	.74	.86	.98	37.6	11.0	2.71	.75	.88	.99	36.2	10.6	3.07	.76	.89	1.00
	1300	615	40.5	11.9	2.42	.77	.91	1.00	39.0	11.4	2.73	.78	.93	1.00	37.4	11.0	3.08	.79	.95	1.00
	1500	710	41.5	12.2	2.43	.80	.95	1.00	40.0	11.7	2.73	.81	.97	1.00	38.5	11.3	3.08	.83	.99	1.00
67°F (19°C)	1100	520	41.5	12.2	2.43	.59	.71	.83	40.0	11.7	2.73	.60	.72	.85	38.5	11.3	3.08	.61	.73	.86
	1300	615	43.0	12.6	2.44	.61	.75	.88	41.5	12.2	2.74	.62	.76	.89	40.0	11.7	3.09	.63	.77	.91
	1500	710	44.5	13.0	2.45	.63	.78	.92	42.5	12.5	2.75	.64	.79	.94	41.0	12.0	3.10	.65	.81	.96
71°F (22°C)	1100	520	44.0	12.9	2.45	.46	.58	.69	42.5	12.5	2.75	.46	.58	.70	41.0	12.0	3.09	.46	.59	.71
	1300	615	45.5	13.3	2.46	.47	.60	.72	44.0	12.9	2.76	.47	.61	.73	42.5	12.5	3.11	.47	.61	.75
	1500	710	47.0	13.8	2.48	.48	.62	.76	45.0	13.2	2.77	.48	.63	.77	43.5	12.7	3.11	.48	.64	.78
HS27-042 — CH33-44/48B-2F COOLING CAPACITY																				
63°F (17°C)	1100	520	40.0	11.7	2.42	.74	.87	.99	38.5	11.3	2.72	.75	.89	1.00	36.8	10.8	3.07	.76	.90	1.00
	1300	615	41.0	12.0	2.42	.77	.92	1.00	39.5	11.6	2.73	.79	.94	1.00	38.0	11.1	3.08	.80	.96	1.00
	1500	710	42.5	12.5	2.43	.81	.97	1.00	41.0	12.0	2.74	.82	.98	1.00	39.5	11.6	3.08	.84	1.00	1.00
67°F (19°C)	1100	520	42.0	12.3	2.43	.59	.72	.84	40.5	11.9	2.73	.60	.73	.85	39.0	11.4	3.08	.61	.74	.87
	1300	615	43.5	12.7	2.44	.61	.75	.88	42.0	12.3	2.75	.62	.76	.90	40.5	11.9	3.09	.63	.78	.92
	1500	710	45.0	13.2	2.45	.64	.79	.94	43.5	12.7	2.75	.64	.80	.95	41.5	12.2	3.10	.66	.82	.97
71°F (22°C)	1100	520	44.5	13.0	2.45	.46	.58	.69	43.0	12.6	2.75	.46	.59	.70	41.5	12.2	3.10	.47	.59	.72
	1300	615	46.0	13.5	2.46	.47	.60	.73	44.5	13.0	2.76	.48	.61	.74	43.0	12.6	3.11	.48	.62	.75
	1500	710	47.5	13.9	2.48	.48	.62	.76	45.5	13.3	2.78	.49	.63	.77	44.0	12.9	3.12	.49	.64	.79
HS27-042 — CH23-68 COOLING CAPACITY																				
63°F (17°C)	1100	520	40.5	11.9	2.42	.75	.87	.99	39.0	11.4	2.73	.76	.89	1.00	37.8	11.1	3.08	.77	.90	1.00
	1300	615	42.0	12.3	2.43	.78	.92	1.00	40.5	11.9	2.74	.79	.94	1.00	39.0	11.4	3.08	.81	.96	1.00
	1500	710	43.5	12.7	2.44	.82	.97	1.00	42.0	12.3	2.74	.83	.99	1.00	40.5	11.9	3.09	.85	1.00	1.00
67°F (19°C)	1100	520	43.0	12.6	2.44	.60	.72	.84	41.5	12.2	2.74	.60	.73	.86	40.0	11.7	3.09	.61	.74	.87
	1300	615	44.5	13.0	2.45	.62	.76	.89	43.0	12.6	2.76	.63	.77	.91	41.5	12.2	3.10	.64	.79	.93
	1500	710	46.0	13.5	2.47	.64	.79	.94	44.5	13.0	2.77	.65	.81	.96	42.5	12.5	3.11	.66	.83	.97
71°F (22°C)	1100	520	46.0	13.5	2.46	.46	.58	.69	44.0	12.9	2.76	.47	.59	.71	42.5	12.5	3.11	.47	.60	.72
	1300	615	47.5	13.9	2.48	.47	.61	.74	46.0	13.6	2.78	.48	.61	.75	44.0	12.9	3.12	.48	.62	.76
	1500	710	49.0	14.4	2.50	.48	.63	.77	47.0	13.8	2.79	.49	.64	.79	45.0	13.2	3.13	.49	.65	.82
HS27-042 — CH33-48C-2F COOLING CAPACITY																				
63°F (17°C)	1200	565	41.0	12.0	2.42	.76	.89	1.00	39.5	11.6	2.73	.77	.90	1.00	38.0	11.1	3.08	.78	.93	1.00
	1400	660	42.0	12.3	2.43	.78	.92	1.00	41.0	12.0	2.74	.80	.95	1.00	39.0	11.4	3.09	.82	.98	1.00
	1600	755	43.5	12.7	2.44	.82	.97	1.00	42.0	12.3	2.74	.84	.99	1.00	40.0	11.7	3.09	.85	1.00	1.00
67°F (19°C)	1200	565	43.5	12.7	2.44	.60	.72	.84	41.5	12.2	2.74	.60	.73	.86	40.0	11.7	3.09	.61	.74	.87
	1400	660	44.5	13.0	2.45	.62	.76	.89	43.0	12.6	2.76	.63	.77	.91	41.5	12.2	3.10	.64	.79	.93
	1600	755	45.5	13.3	2.47	.65	.80	.95	44.0	12.9	2.76	.66	.81	.96	42.5	12.5	3.11	.66	.83	.99
71°F (22°C)	1200	565	45.5	13.3	2.46	.47	.59	.71	44.0	12.9	2.76	.47	.59	.71	42.5	12.5	3.11	.47	.60	.73
	1400	660	47.0	13.8	2.48	.48	.62	.74	45.5	13.3	2.77	.48	.62	.76	44.0	12.9	3.12	.48	.62	.76
	1600	755	48.0	14.1	2.49	.48	.63	.78	46.5	13.6	2.79	.49	.64	.79	44.5	13.0	3.13	.50	.65	.82
HS27-042 — CH33-50/60C-2F COOLING CAPACITY																				
63°F (17°C)	1100	520	40.5	11.9	2.42	.75	.87	.99	39.0	11.4	2.73	.75	.89	1.00	37.0	10.8	3.08	.77	.91	1.00
	1300	615	42.0	12.3	2.43	.78	.92	1.00	40.5	11.9	2.73	.80	.94	1.00	39.0	11.4	3.08	.81	.96	1.00
	1500	710	43.5	12.7	2.44	.81	.97	1.00	42.0	12.3	2.75	.83	.99	1.00	40.0	11.7	3.09	.84	1.00	1.00
67°F (19°C)	1100	520	43.0	12.6	2.44	.60	.72	.84	41.5	12.2	2.74	.60	.73	.85	40.0	11.7	3.09	.61	.74	.87
	1300	615	44.5	13.0	2.45	.62	.76	.89	43.0	12.6	2.75	.63	.77	.91	41.5	12.2	3.10	.64	.78	.93
	1500	710	46.0	13.5	2.47	.64	.79	.94	44.0	12.9	2.76	.65	.81	.96	42.5	12.5	3.11	.66	.83	.99
71°F (22°C)	1100	520	45.5	13.3	2.46	.47	.58	.70	44.0	12.9	2.76	.47	.59	.71	42.0	12.3	3.10	.47	.60	.73
	1300	615	47.0	13.8	2.48	.47	.60	.73	45.5	13.3	2.78	.48	.61	.75	43.5	12.7	3.12	.48	.62	.76
	1500	710	48.5	14.2	2.49	.49	.63	.77	46.5	13.6	2.79	.49	.64	.78	45.0	13.2	3.12	.50	.65	.82
HS27-042 — CH23-51 with G61MPV-60C/D COOLING CAPACITY																				
63°F (17°C)	1275	600	40.0	11.7	2.42	.76	.89	1.00	38.5	11.3	2.72	.77	.91	1.00	37.0	10.8	3.08	.78	.93	1.00
	1385	655	40.5	11.9	2.42	.77	.92	1.00	39.0	11.4	2.73	.78	.93	1.00	37.4	11.0	3.08	.80	.95	1.00
	1565	740	41.5	12.2	2.43	.80	.96	1.00	40.0	11.7	2.73	.81	.97	1.00	38.5	11.3	3.08	.83	.99	1.00
67°F (19°C)	1275	600	42.5	12.5	2.43	.60	.73	.86	41.0	12.0	2.73	.61	.74	.87	39.5	11.6	3.09	.62	.75	.89
	1385	655	43.0	12.6	2.44	.61	.75	.88	41.5	12.2	2.74	.62	.76	.90	40.0	11.7	3.09	.63	.78	.9

RATINGS

3.5 TON

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

Entering Wet Bulb Tempera- ture	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	kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C
HS27-042 — CH33-48C-2F with G61MPV-60C COOLING CAPACITY																										
63°F (17°C)	1275	600	41.5	12.2	2.43	.76	.90	1.00	40.0	11.7	2.73	.78	.92	1.00	38.5	11.3	3.07	.79	.94	1.00	36.8	10.8	3.48	.81	.96	1.00
	1385	655	42.0	12.3	2.43	.79	.93	1.00	40.5	11.9	2.74	.80	.95	1.00	39.0	11.4	3.08	.81	.97	1.00	37.4	11.0	3.48	.83	.99	1.00
	1565	740	43.0	12.6	2.44	.81	.97	1.00	41.5	12.2	2.74	.83	.99	1.00	40.0	11.7	3.09	.84	1.00	1.00	38.5	11.3	3.48	.86	1.00	1.00
67°F (19°C)	1275	600	44.0	12.9	2.44	.61	.74	.87	42.5	12.5	2.75	.61	.75	.89	40.5	11.9	3.09	.62	.77	.91	39.0	11.4	3.49	.63	.78	.93
	1385	655	44.5	13.0	2.45	.62	.76	.90	43.0	12.6	2.75	.63	.77	.91	41.5	12.2	3.10	.64	.79	.94	39.5	11.6	3.49	.65	.80	.96
	1565	740	45.5	13.3	2.46	.64	.79	.94	44.0	12.9	2.76	.65	.81	.96	42.0	12.3	3.10	.66	.82	.98	40.5	11.9	3.49	.67	.84	.99
71°F (22°C)	1275	600	46.0	13.5	2.47	.47	.59	.72	44.5	13.0	2.76	.47	.60	.73	43.0	12.6	3.11	.47	.61	.74	41.0	12.0	3.50	.48	.62	.76
	1385	655	47.0	13.8	2.47	.47	.61	.74	45.5	13.3	2.77	.48	.61	.75	43.5	12.7	3.12	.48	.63	.76	42.0	12.3	3.50	.49	.63	.78
	1565	740	48.0	14.1	2.49	.49	.63	.76	46.5	13.6	2.78	.49	.64	.78	44.5	13.0	3.12	.49	.65	.80	42.5	12.5	3.51	.50	.66	.82
HS27-042 — CH33-50/60C-2F with G61MPV-60C COOLING CAPACITY																										
63°F (17°C)	1275	600	42.0	12.3	2.43	.77	.91	1.00	40.5	11.9	2.73	.78	.93	1.00	39.0	11.4	3.08	.80	.95	1.00	37.2	10.9	3.48	.81	.97	1.00
	1385	655	42.5	12.5	2.43	.79	.94	1.00	41.0	12.0	2.74	.80	.96	1.00	39.5	11.6	3.09	.82	.98	1.00	37.8	11.1	3.48	.83	1.00	1.00
	1565	740	43.5	12.7	2.44	.82	.98	1.00	42.0	12.3	2.75	.84	1.00	1.00	40.5	11.9	3.09	.85	1.00	1.00	39.0	11.4	3.48	.87	1.00	1.00
67°F (19°C)	1275	600	44.5	13.0	2.45	.61	.75	.88	43.0	12.6	2.75	.62	.76	.90	41.0	12.0	3.10	.63	.77	.91	39.5	11.6	3.49	.64	.79	.93
	1385	655	45.0	13.2	2.46	.63	.77	.91	43.5	12.7	2.76	.63	.78	.92	42.0	12.3	3.10	.64	.79	.94	40.0	11.7	3.49	.65	.81	.97
	1565	740	46.0	13.5	2.47	.65	.80	.95	44.5	13.0	2.76	.66	.81	.97	42.5	12.5	3.11	.66	.83	.99	41.0	12.0	3.50	.68	.85	1.00
71°F (22°C)	1275	600	46.5	13.6	2.47	.47	.59	.72	45.0	13.2	2.77	.47	.60	.73	43.5	12.7	3.11	.48	.61	.75	41.5	12.2	3.50	.48	.62	.76
	1385	655	47.5	13.9	2.48	.47	.61	.75	46.0	13.6	2.78	.49	.64	.78	44.5	13.0	3.13	.49	.66	.81	43.0	12.6	3.51	.50	.67	.83
HS27-042 — CH23-68 with G61MPV-60C/D COOLING CAPACITY																										
63°F (17°C)	1275	600	42.0	12.3	2.43	.77	.91	1.00	40.5	11.9	2.73	.78	.93	1.00	39.0	11.4	3.08	.80	.95	1.00	37.2	10.9	3.48	.81	.97	1.00
	1385	655	42.5	12.5	2.44	.79	.94	1.00	41.0	12.0	2.74	.81	.96	1.00	39.5	11.6	3.09	.82	.97	1.00	38.0	11.1	3.48	.84	.99	1.00
	1565	740	44.0	12.9	2.44	.83	.98	1.00	42.0	12.3	2.75	.84	.99	1.00	41.0	12.0	3.09	.86	1.00	1.00	39.0	11.4	3.48	.88	1.00	1.00
67°F (19°C)	1275	600	44.5	13.0	2.45	.61	.75	.88	43.0	12.6	2.75	.62	.76	.90	41.0	12.0	3.10	.63	.77	.91	39.5	11.6	3.49	.64	.79	.94
	1385	655	45.0	13.2	2.46	.63	.77	.91	43.5	12.7	2.76	.63	.78	.92	42.0	12.3	3.10	.64	.80	.95	40.0	11.7	3.49	.65	.82	.97
	1565	740	46.5	13.6	2.47	.65	.80	.95	44.5	13.0	2.76	.66	.82	.97	43.0	12.6	3.11	.67	.84	.99	41.0	12.0	3.50	.68	.86	1.00
71°F (22°C)	1275	600	47.0	13.8	2.48	.47	.61	.75	45.0	13.3	2.78	.48	.62	.76	44.0	13.0	3.13	.49	.66	.81	43.5	12.7	3.51	.50	.67	.83
HS27-042 — CH23-51 with G60UHV-60C/D COOLING CAPACITY																										
63°F (17°C)	1275	600	42.0	12.3	2.43	.77	.91	1.00	40.5	11.9	2.73	.78	.93	1.00	39.0	11.4	3.08	.80	.95	1.00	35.6	10.4	3.48	.81	.97	1.00
	1385	655	42.5	12.5	2.44	.79	.94	1.00	41.0	12.0	2.74	.81	.96	1.00	39.5	11.6	3.09	.82	.97	1.00	35.6	10.4	3.48	.84	.99	1.00
	1565	740	44.0	12.9	2.44	.83	.98	1.00	42.0	12.3	2.75	.84	.99	1.00	41.0	12.0	3.09	.86	1.00	1.00	39.0	11.4	3.48	.88	1.00	1.00
67°F (19°C)	1275	600	44.5	13.0	2.45	.61	.75	.88	43.0	12.6	2.75	.62	.76	.90	41.0	12.0	3.10	.63	.77	.91	39.5	11.6	3.49	.64	.79	.94
	1385	655	45.0	13.2	2.46	.63	.77	.91	43.5	12.7	2.76	.63	.78	.92	42.0	12.3	3.10	.64	.79	.94	40.0	11.7	3.49	.65	.82	.97
	1565	740	46.5	13.6	2.47	.65	.79	.95	44.5	13.0	2.76	.66	.81	.97	43.0	12.6	3.11	.66	.82	.99	41.0	12.0	3.50	.67	.84	.99
71°F (22°C)	1275	600	47.0	13.8	2.48	.46	.59	.72	45.0	13.2	2.76	.46	.60	.73	42.0	12.3	3.11	.46	.61	.74	40.5	11.9	3.49	.47	.62	.76
	1385	655	47.5	13.9	2.48	.46	.61	.75	46.0	13.6	2.78	.47	.62	.76	44.5	13.0	3.13	.48	.62	.77	41.0	12.0	3.50	.48	.64	.79
HS27-042 — CH23-65 with G60UHV-60C/D COOLING CAPACITY																										
63°F (17°C)	1335	630	40.5	11.9	2.42	.77	.91	1.00	39.0	11.4	2.73	.78	.93	1.00	37.6	11.0	3.08	.79	.95	1.00	36.0	10.6	3.47	.81	.97	1.00
	1335	630	40.5	11.9	2.42	.77	.90	1.00	39.0	11.4	2.73	.77	.92	1.00	37.2	10.9	3.07	.79	.94	1.00	35.6	10.4	3.47	.80	.96	1.00
	1480	700	41.0	12.0	2.42	.79	.94	1.00	39.5	11.6	2.73	.80	.95	1.00	38.0	11.1	3.08	.81	.97	1.00	36.4	10.7	3.48	.83	.99	1.00
67°F (19°C)	1335	630	43.0	12.6	2.44	.61	.74	.87	41.5	12.2	2.74	.61	.75	.89	39.5	11.6	3.09	.62	.76	.91	38.0	11.1	3.48	.63	.78	.93
	1335	630	43.0	12.6	2.44	.61	.74	.87	41.5	12.2	2.74	.61	.75	.89	39.5	11.6	3.09	.62	.76	.91	38.0	11.1	3.48	.63	.78	.93
	1480	700	43.5	12.7	2.44	.62	.76	.90	42.0	12.3	2.75	.63														

RATINGS

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

Entering Wet Bulb Tempera- ture	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																		
		85°F (29°C)						95°F (35°C)						105°F (41°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	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	
HS27-042 — CH33-50/60C-2F with G60UHV-60C COOLING CAPACITY																				
63°F (17°C)	1335	630	42.0	12.3	2.43	.78	.92	1.00	40.5	11.9	2.74	.79	.94	1.00	39.0	11.4	3.08	.81	.96	1.00
	1335	630	42.0	12.3	2.43	.78	.92	1.00	40.5	11.9	2.74	.79	.94	1.00	39.0	11.4	3.08	.81	.96	1.00
	1480	700	43.0	12.6	2.44	.81	.96	1.00	41.5	12.2	2.74	.82	.98	1.00	40.0	11.7	3.09	.83	1.00	1.00
67°F (19°C)	1335	630	45.0	13.2	2.46	.62	.76	.89	43.0	12.6	2.75	.62	.77	.91	41.5	12.2	3.10	.63	.78	.93
	1335	630	45.0	13.2	2.46	.62	.76	.89	43.0	12.6	2.75	.62	.77	.91	41.5	12.2	3.10	.63	.78	.93
	1480	700	45.5	13.3	2.46	.64	.78	.93	44.0	12.9	2.76	.64	.80	.95	42.5	12.5	3.10	.65	.81	.97
71°F (22°C)	1335	630	47.0	13.8	2.48	.47	.60	.73	45.5	13.3	2.77	.47	.61	.75	44.0	12.9	3.12	.48	.62	.76
	1335	630	47.0	13.8	2.48	.47	.60	.73	45.5	13.3	2.77	.47	.61	.75	44.0	12.9	3.12	.49	.64	.79
	1480	700	48.0	14.1	2.49	.48	.62	.76	46.5	13.6	2.78	.48	.63	.77	44.5	13.0	3.12	.49	.64	.83
HS27-042 — CB29M-46 COOLING CAPACITY																				
63°F (17°C)	1200	565	39.2	11.5	2.44	.75	.89	1.00	37.9	11.1	2.77	.76	.91	1.00	36.4	10.7	3.14	.77	.92	1.00
	1400	660	40.3	11.8	2.44	.79	.94	1.00	38.9	11.4	2.76	.80	.95	1.00	37.5	11.0	3.13	.81	.97	1.00
	1600	755	41.2	12.1	2.44	.82	.97	1.00	39.8	11.7	2.76	.84	.99	1.00	38.4	11.3	3.13	.85	1.00	1.00
67°F (19°C)	1200	565	41.7	12.2	2.44	.58	.72	.86	40.3	11.8	2.76	.59	.73	.87	38.8	11.4	3.12	.59	.74	.89
	1400	660	42.6	12.5	2.45	.60	.76	.91	41.1	12.0	2.76	.61	.77	.92	39.5	11.6	3.13	.62	.79	.94
	1600	755	43.2	12.7	2.46	.63	.80	.95	41.7	12.2	2.77	.63	.82	.96	40.2	11.8	3.13	.64	.83	.98
71°F (22°C)	1200	565	44.5	13.0	2.46	.43	.56	.70	43.0	12.6	2.78	.43	.57	.71	41.4	12.1	3.14	.43	.58	.72
	1400	660	45.3	13.3	2.47	.44	.59	.74	43.8	12.8	2.78	.44	.60	.75	42.1	12.3	3.14	.44	.61	.77
	1600	755	46.0	13.5	2.48	.45	.61	.78	44.4	13.0	2.79	.45	.62	.79	42.7	12.5	3.14	.45	.63	.81
HS27-042 — CB30M-41 COOLING CAPACITY																				
63°F (17°C)	1200	565	39.8	11.7	2.44	.74	.89	1.00	38.4	11.3	2.76	.76	.90	1.00	36.9	10.8	3.13	.77	.92	1.00
	1400	660	40.9	12.0	2.44	.78	.94	1.00	39.5	11.6	2.76	.80	.95	1.00	38.0	11.1	3.12	.81	.97	1.00
	1600	755	41.8	12.3	2.44	.82	.97	1.00	40.4	11.8	2.75	.84	.99	1.00	39.0	11.4	3.12	.85	1.00	1.00
67°F (19°C)	1200	565	42.3	12.4	2.44	.58	.72	.86	40.9	12.0	2.76	.58	.73	.87	39.3	11.5	3.12	.59	.75	.89
	1400	660	43.2	12.7	2.45	.60	.76	.91	41.7	12.2	2.76	.61	.77	.92	40.1	11.8	3.12	.62	.79	.94
	1600	755	43.9	12.9	2.46	.62	.80	.95	42.4	12.4	2.77	.63	.81	.97	40.8	12.0	3.13	.64	.83	.98
71°F (22°C)	1200	565	45.2	13.2	2.47	.43	.56	.70	43.6	12.8	2.78	.43	.57	.71	42.0	12.3	3.14	.44	.58	.72
	1400	660	46.1	13.5	2.48	.44	.59	.74	44.5	13.0	2.79	.44	.60	.75	42.8	12.5	3.14	.44	.61	.77
	1600	755	46.7	13.7	2.48	.45	.61	.78	45.1	13.2	2.79	.45	.62	.79	43.4	12.7	3.15	.45	.63	.81
HS27-042 — CB31MV-41 COOLING CAPACITY																				
63°F (17°C)	1200	565	39.6	11.6	2.44	.75	.89	1.00	38.3	11.2	2.76	.76	.90	1.00	36.8	10.8	3.13	.77	.92	1.00
	1400	660	40.7	11.9	2.44	.78	.94	1.00	39.3	11.5	2.76	.80	.95	1.00	37.8	11.1	3.12	.81	.97	1.00
	1600	755	41.6	12.2	2.44	.82	.98	1.00	40.3	11.8	2.75	.84	.99	1.00	38.8	11.4	3.12	.85	1.00	1.00
67°F (19°C)	1200	565	42.2	12.4	2.44	.58	.72	.86	40.7	11.9	2.76	.58	.73	.87	39.2	11.5	3.12	.59	.74	.89
	1400	660	43.0	12.6	2.45	.60	.76	.91	41.7	12.2	2.76	.61	.77	.92	40.1	11.8	3.12	.62	.79	.94
	1600	755	43.7	12.8	2.46	.62	.80	.95	42.2	12.4	2.77	.63	.81	.96	40.6	11.9	3.13	.64	.83	.98
71°F (22°C)	1200	565	45.0	13.2	2.47	.43	.56	.70	43.6	12.8	2.78	.43	.57	.71	41.8	12.3	3.14	.44	.58	.72
	1400	660	45.9	13.5	2.48	.44	.59	.74	44.3	13.0	2.79	.44	.60	.75	42.6	12.5	3.14	.44	.61	.77
	1600	755	46.5	13.6	2.48	.45	.61	.78	44.9	13.2	2.79	.45	.62	.79	43.2	12.7	3.15	.46	.63	.81
HS27-042 — CB30M-46 - CB30U-41/46 COOLING CAPACITY																				
63°F (17°C)	1200	565	39.9	11.7	2.44	.75	.89	1.00	38.5	11.3	2.77	.76	.90	1.00	37.1	10.9	3.14	.77	.92	1.00
	1400	660	41.0	12.0	2.44	.78	.94	1.00	39.6	11.6	2.76	.80	.95	1.00	38.1	11.2	3.13	.81	.97	1.00
	1600	755	41.9	12.3	2.44	.82	.98	1.00	40.6	11.9	2.76	.84	.99	1.00	39.1	11.5	3.12	.85	1.00	1.00
67°F (19°C)	1200	565	42.5	12.5	2.45	.58	.72	.86	41.0	12.0	2.76	.59	.73	.87	39.4	11.5	3.13	.59	.75	.89
	1400	660	43.3	12.7	2.46	.60	.76	.91	41.8	12.3	2.77	.61	.78	.92	40.2	11.8	3.13	.62	.79	.94
	1600	755	44.1	12.9	2.46	.63	.80	.95	42.5	12.5	2.77	.63	.81	.97	40.9	12.0	3.13	.64	.83	.98
71°F (22°C)	1200	565	45.3	13.3	2.47	.43	.56	.70	43.8	12.8	2.78	.43	.57	.71	42.1	12.3	3.14	.43	.58	.72
	1400	660	46.2	13.5	2.48	.44	.59	.74	44.6	13.1	2.79	.44	.60	.75	42.9	12.6	3.15	.45	.61	.77
	1600	755	46.9	13.7	2.49	.45	.61	.78	45.2	13.2	2.80	.45	.62	.79	43.5	12.7	3.15	.46	.63	.81
HS27-042 — CB29M-51 COOLING CAPACITY																				
63°F (17°C)	1200	565	40.7	11.9	2.44	.75	.89	1.00	39.3	11.5	2.77	.76	.90	1.00	37.8	11.1	3.14	.77	.92	1.00
	1400	660	41.8	12.3	2.44	.79	.94	1.00	40.4	11.8	2.76	.80	.95	1.00	38.9	11.4	3.13	.81	.97	1.00
	1600	755	42.8	12.5	2.44	.82	.97	1.00	41.4	12.1	2.76	.83	.99	1.00	39.9	11.7	3.12	.85	1.00	1.00
67°F (19°C)	1200	565	43.3	12.7	2.45	.58	.72	.86	41.8	12.3	2.76	.59	.73	.87	40.2	11.8	3.13	.59	.75	.89
	1400	660	44.2	13.0	2.46	.60	.76	.91	42.7	12.5	2.77	.61	.77</td							

RATINGS

3.5 TON

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

Entering Wet Bulb Tempera- ture	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	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C			
HS27-042 — CB30M-51 - CB30U-51 COOLING CAPACITY																										
63°F (17°C)	1200	565	40.5	11.9	2.43	.74	.89	1.00	39.0	11.4	2.74	.76	.90	1.00	37.5	11.0	3.11	.77	.92	1.00	35.9	10.5	3.53	.78	.94	1.00
	1400	660	41.5	12.2	2.44	.78	.94	1.00	40.1	11.8	2.75	.80	.95	1.00	38.6	11.3	3.11	.81	.97	1.00	37.0	10.8	3.52	.83	.99	1.00
	1600	755	42.5	12.5	2.45	.82	.98	1.00	41.1	12.0	2.76	.84	.99	1.00	39.6	11.6	3.12	.85	1.00	1.00	38.2	11.2	3.52	.87	1.00	1.00
67°F (19°C)	1200	565	43.1	12.6	2.45	.58	.72	.85	41.6	12.2	2.76	.58	.73	.87	40.0	11.7	3.12	.59	.74	.89	38.3	11.2	3.53	.60	.76	.91
	1400	660	44.1	12.9	2.47	.60	.76	.91	42.5	12.5	2.77	.61	.77	.92	40.8	12.0	3.13	.62	.79	.94	39.1	11.5	3.53	.63	.80	.96
	1600	755	44.8	13.1	2.47	.62	.80	.95	43.2	12.7	2.78	.63	.81	.97	41.5	12.2	3.13	.64	.83	.98	39.7	11.6	3.54	.66	.85	1.00
71°F (22°C)	1200	565	46.1	13.5	2.48	.43	.56	.69	44.5	13.0	2.79	.43	.57	.70	42.7	12.5	3.14	.44	.58	.72	41.0	12.0	3.54	.44	.59	.73
	1400	660	47.1	13.8	2.50	.44	.59	.73	45.4	13.3	2.80	.44	.59	.75	43.6	12.8	3.15	.44	.60	.76	41.7	12.2	3.55	.45	.62	.78
	1600	755	47.8	14.0	2.50	.45	.61	.77	46.0	13.5	2.80	.45	.62	.79	44.2	13.0	3.16	.45	.63	.81	42.3	12.4	3.56	.46	.65	.83
HS27-042 — CB31MV-51 COOLING CAPACITY																										
63°F (17°C)	1200	565	41.1	12.0	2.44	.74	.89	1.00	39.6	11.6	2.76	.75	.90	1.00	38.1	11.2	3.13	.77	.92	1.00	36.5	10.7	3.54	.78	.94	1.00
	1400	660	42.2	12.4	2.45	.78	.94	1.00	40.7	11.9	2.77	.80	.95	1.00	39.2	11.5	3.13	.81	.97	1.00	37.6	11.0	3.54	.83	.99	1.00
	1600	755	43.2	12.7	2.46	.82	.98	1.00	41.7	12.2	2.77	.84	.99	1.00	40.3	11.8	3.13	.85	1.00	1.00	38.8	11.4	3.54	.87	1.00	1.00
67°F (19°C)	1200	565	43.8	12.8	2.47	.58	.72	.85	42.3	12.4	2.78	.58	.73	.87	40.6	11.9	3.14	.59	.74	.89	38.9	11.4	3.54	.60	.76	.91
	1400	660	44.8	13.1	2.48	.60	.76	.91	43.2	12.7	2.78	.61	.77	.92	41.5	12.2	3.14	.62	.79	.94	39.7	11.6	3.55	.63	.80	.96
	1600	755	45.5	13.3	2.48	.62	.80	.95	43.9	12.9	2.79	.63	.81	.97	42.1	12.3	3.15	.65	.83	.98	40.3	11.8	3.55	.66	.85	1.00
71°F (22°C)	1200	565	46.8	13.7	2.49	.43	.56	.69	45.2	13.2	2.80	.43	.57	.70	43.4	12.7	3.16	.44	.58	.72	41.6	12.2	3.56	.44	.59	.73
	1400	660	47.8	14.0	2.51	.44	.59	.73	46.1	13.5	2.81	.44	.59	.75	44.3	13.0	3.16	.44	.60	.76	42.4	12.4	3.57	.45	.62	.78
	1600	755	48.5	14.2	2.51	.45	.61	.77	46.7	13.7	2.82	.45	.62	.79	44.9	13.2	3.17	.45	.63	.81	43.0	12.6	3.57	.46	.65	.83
HS27-042 — CB30M-65 - CB30U-65 COOLING CAPACITY																										
63°F (17°C)	1200	565	42.0	12.3	2.44	.74	.89	1.00	40.6	11.9	2.75	.75	.90	1.00	39.0	11.4	3.12	.77	.92	1.00	37.3	10.9	3.54	.78	.94	1.00
	1400	660	43.2	12.7	2.45	.78	.94	1.00	41.7	12.2	2.76	.79	.95	1.00	40.1	11.8	3.12	.81	.97	1.00	38.4	11.3	3.53	.83	.99	1.00
	1600	755	44.2	13.0	2.46	.82	.98	1.00	42.7	12.5	2.77	.84	.99	1.00	41.2	12.1	3.13	.85	1.00	1.00	39.7	11.6	3.53	.87	1.00	1.00
67°F (19°C)	1200	565	44.8	13.1	2.46	.58	.72	.85	43.2	12.7	2.77	.58	.73	.87	41.6	12.2	3.13	.59	.74	.89	39.8	11.7	3.54	.60	.76	.91
	1400	660	45.8	13.4	2.47	.60	.76	.90	44.2	13.0	2.78	.61	.77	.92	42.4	12.4	3.14	.62	.79	.94	40.6	11.9	3.54	.63	.81	.96
	1600	755	46.6	13.7	2.48	.62	.80	.95	44.9	13.2	2.79	.63	.81	.97	43.1	12.6	3.14	.64	.83	.98	41.3	12.1	3.55	.66	.85	1.00
71°F (22°C)	1200	565	47.9	14.0	2.49	.43	.56	.69	46.2	13.5	2.80	.43	.57	.70	44.4	13.0	3.15	.43	.58	.72	42.6	12.5	3.55	.44	.58	.73
	1400	660	48.9	14.3	2.50	.44	.59	.73	47.2	13.8	2.81	.44	.59	.75	45.3	13.3	3.16	.44	.60	.76	43.4	12.7	3.57	.45	.62	.78
	1600	755	49.7	14.6	2.51	.45	.61	.77	47.8	14.0	2.82	.45	.62	.79	45.9	13.5	3.17	.45	.63	.81	44.0	12.9	3.57	.46	.65	.83
HS27-042 — CB31MV-65 COOLING CAPACITY																										
63°F (17°C)	1200	565	42.0	12.3	2.44	.74	.89	1.00	40.6	11.9	2.76	.75	.90	1.00	39.0	11.4	3.13	.77	.92	1.00	37.3	10.9	3.54	.78	.94	1.00
	1400	660	43.2	12.7	2.45	.78	.94	1.00	41.7	12.2	2.77	.79	.95	1.00	40.1	11.8	3.13	.81	.97	1.00	38.4	11.3	3.54	.83	.99	1.00
	1600	755	44.2	13.0	2.46	.82	.98	1.00	42.7	12.5	2.77	.84	.99	1.00	41.2	12.1	3.13	.85	1.00	1.00	39.7	11.6	3.54	.87	1.00	1.00
67°F (19°C)	1200	565	44.8	13.1	2.47	.58	.72	.85	43.2	12.7	2.78	.58	.73	.87	41.6	12.2	3.13	.59	.74	.89	39.8	11.7	3.54	.60	.76	.91
	1400	660	45.8	13.4	2.48	.60	.76	.90	44.2	13.0	2.78	.61	.77	.92	42.4	12.4	3.14	.62	.79	.94	40.6	11.9	3.55	.63	.81	.96
	1600	755	46.6	13.7	2.48	.62	.80	.95	44.9	13.2	2.79	.63	.81	.97	43.1	12.6	3.15	.64	.83	.98	41.3	12.1	3.55	.66	.85	1.00
71°F (22°C)	1200	565	47.9	14.0	2.49	.43	.56	.69	46.2	13.5	2.80	.43	.57	.70	44.4	13.0	3.16	.43	.58	.72	42.6	12.5	3.56	.44	.58	.73
	1400	660	48.9	14.3	2.51	.44	.59	.73	47.2	13.8	2.81	.44	.59	.75	45.3	13.3	3.16	.44	.60	.76	43.4	12.7	3.57	.45	.62	.78
	1600	755	49.7	14.6	2.51	.45	.61	.77	47.8	14.0	2.82	.45	.62	.79	45.9	13.5	3.17	.45	.63	.81	44.0	12.9	3.57	.46	.65	.83
HS27-042 — CVP10-46/EC10Q4 COOLING CAPACITY																										
63°F (17°C)	1100	520	38.0	11.1	2.41	.75	.89	.99	37.0	10.8	2.72	.77	.90	1.00	35.6	10.4	3.07	.78	.92	1.00	34.0	10.0	3.47	.79	.94	1.00
	1300	615	39.5	11.6	2.42	.79	.93	1.00	38.0	11.1	2.73	.80	.95	1.00	36.6	10.7	3.07	.82	.97	1.00	35.2	10.3	3.47</			