



ENGINEERING DATA



LISTED



LISTED



CERTIFICATION APPLIES ONLY
WHEN THE COMPLETE
SYSTEM IS LISTED
WITH ARI

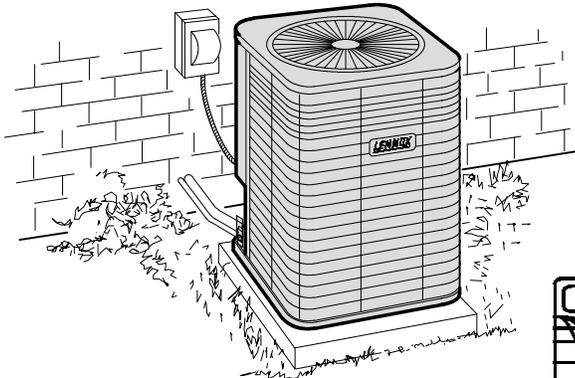
Cooling Capacity - 12,000 to 61,000 Btuh (3.5 to 17.6 kW)

HS29
ELITE 11™ SERIES
SINGLE PHASE
SEER - 10.0 to 12.05

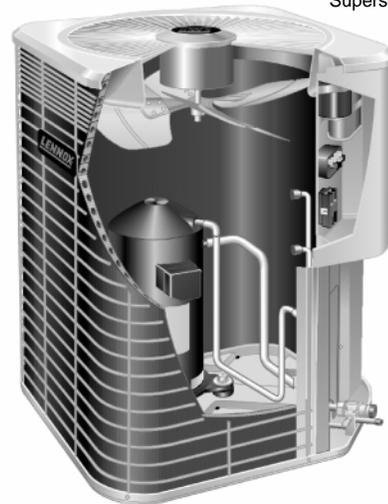
Bulletin No. 210216
July 1999

Supersedes December 1997

Typical Application



VERIFIED
ENERGY
PERFORMANCE



FEATURES

Applications

- SEER up to 12.05.
- 1 through 5 ton (3.5 through 17.6 kW) matches with TXV or RFC.
- Single phase power supply.
- Vertical air discharge allows concealment behind shrubs at grade level or out of sight on a roof.
- Matching blower powered or add-on furnace evaporator units provide a wide range of cooling capacities and applications. See ARI Ratings table.
- For evaporator unit data, see Coils - Blower Coil Units, this section.
- Units shipped completely factory assembled, piped and wired. Each unit is test operated at the factory insuring proper operation.
- Installer must set condensing unit, connect refrigerant lines and make electrical connections to complete job.

Approvals

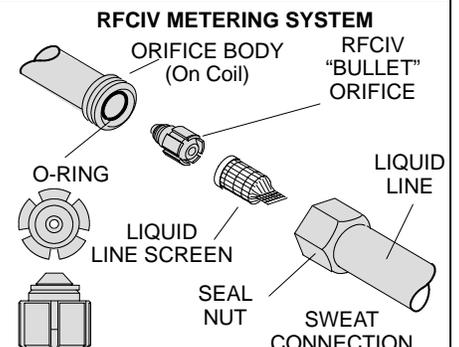
- Rated in accordance with ARI Standard 210/240-94.
- Sound rated in Lennox reverberant sound test room in accordance with test conditions included in ARI Standard 270-95.
- Tested in the Lennox Research Laboratory environmental test room.
- Rated according to U.S. Department of Energy (DOE) test procedures and approved rating methods.
- Condensing units and components within bonded for grounding to meet safety standards for servicing required by UL, NEC and CEC.
- Units are UL and ULC listed.
- Energy rating verified by C.S.A.
- Developed in accordance with ISO 9000 quality standards.

Equipment Warranty

- Compressor — Ten years (residential applications), one year (non-residential applications).
- All other covered components — five years (residential), one year (non-residential applications).
- Refer to Lennox Equipment Limited Warranty certificate included with unit for specific details.

Refrigerant Flow Control

- Units applicable to expansion valve systems or RFC systems when matched with specific evaporator coils.
- RFCIV:
 - Accurately meters refrigerant in system.
 - Refrigerant control is accomplished by exact sizing of refrigerant metering orifice. The principle involves matching evaporator coil with proper bore size of orifice in metering device.
 - Equalizes pressure shortly after compressor stops, unit starts unloaded, eliminating need for additional controls.
 - Furnished with condensing unit.



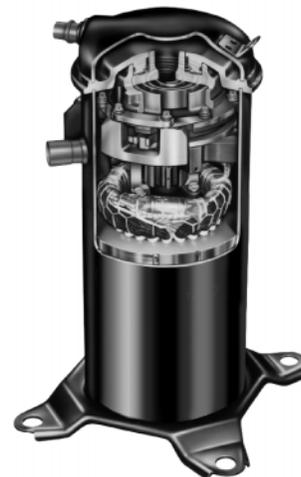
FEATURES – CONTINUED

Unit Cabinet

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

Copeland® Compliant Scroll Compressor (HS29-030 thru -060 models)

- 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.



Reciprocating Compressor (HS29-012 thru -024 Models)

- Designed for dependable efficiency with minimum operating cost.
- Suction cooled and overload protected with internal pressure relief.
- Hermetically sealed with built-in protection from excessive current and temperatures.
- Running gear assembly resiliently suspended internally inside case. Compressor installed in unit on resilient rubber mounts assuring low sound and vibration free operation.
- HS29-012 model equipped with rotary compressor.

Copper Tube/Enhanced Fin Coil

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

Condenser Fan

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

Refrigerant Line Connections, Electrical Inlets, Service Valves

- Sweat connection suction and liquid lines are located on corner of unit cabinet.
- Fully serviceable brass service valves prevent corrosion and provide access to refrigerant system. Suction valve can be fully shut off, while liquid valve may be front seated to manage refrigerant charge while servicing system.
- 45° elbow furnished for ease of suction line connection.
- HS29-012-018-024-030 models are stubbed with 3/8 in. (9.5 mm) liquid line connection. 3/8 in. x 5/16 in. (9.5 mm x 7.9 mm) reducer bushing furnished for liquid line connection.
- Field installed thermometer well furnished for installation in the liquid line to check refrigerant charge.
- Refrigerant line connections and field wiring inlets are located in one central area of cabinet for easy access. See dimension drawing.

Start Controls

- Furnished on HS29-012, -018 and -024 models.
- Provides assistance for compressor start under loaded conditions or in case of low voltage.

OPTIONAL ACCESSORIES - MUST BE ORDERED EXTRA

Thermostat

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

Expansion Valve Kits (Optional For Expansion Valve Systems)

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

Low Ambient Kit (Optional For Expansion Valve Systems Only)

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

Refrigerant Line Kits

- Refrigerant lines (suction & liquid) are shipped refrigeration clean. Lines are cleaned, dried, pressurized and sealed at factory.
- Suction line fully insulated.
- L15 lines are stubbed at both ends.
- See Refrigerant Line Kit table for selection.
- Kit is not available for HS29-060 model and must be field fabricated.

Crankcase Heater

- Crankcase heater prevents migration of liquid refrigerant into compressor and ensures proper compressor lubrication.
- HS29-018 and -024, order (**68887**)
- HS29-030 thru -060, order (**90P12**)

Timed-Off Control

- Kit LB-50709BK (**47J27**) prevents compressor short-cycling and allows time for suction and discharge pressure to equalize.
- Permits compressor start-up in an unloaded condition.
- Automatic reset with 5 minute delay between compressor shut-off and start-up.

Unit Stand-Off Kit

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

Mounting Base

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

Hail Guards

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

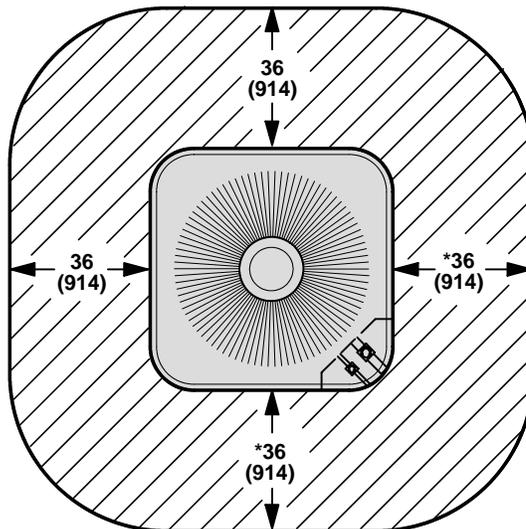
Compressor Monitor (Optional for Canada Only)

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

REFRIGERANT LINE KITS

| Condensing Unit Model No. | Line Set Model No. | Length of Lines | | Liquid Line Outside Dia. | | Suction Line Outside Dia. | |
|----------------------------------|--------------------|-----------------|----|--------------------------|-----|---------------------------|------|
| | | ft. | m | in. | mm | in. | mm |
| HS29-012 HS29-018 HS29-024 | L15-21-20 | 20 | 6 | 5/16 | 7.9 | 5/8 | 15.9 |
| | L15-21-25 | 25 | 8 | | | | |
| | L15-21-35 | 35 | 11 | | | | |
| | L15-21-50 | 50 | 15 | | | | |
| HS29-030 | L15-31-20 | 20 | 6 | 5/16 | 7.9 | 3/4 | 19 |
| | L15-31-30 | 30 | 9 | | | | |
| | L15-31-40 | 40 | 12 | | | | |
| | L15-31-50 | 50 | 15 | | | | |
| HS29-036 | L15-41-20 | 20 | 6 | 3/8 | 9.5 | 3/4 | 19 |
| | L15-41-30 | 30 | 9 | | | | |
| | L15-41-40 | 40 | 12 | | | | |
| | L15-41-50 | 50 | 15 | | | | |
| HS29-042 HS29-048 | L15-65-30 | 30 | 9 | 3/8 | 9.5 | 7/8 | 22.2 |
| | L15-65-40 | 40 | 12 | | | | |
| | L15-65-50 | 50 | 15 | | | | |
| HS29-060 | Field Fabricate | | | 3/8 | 9.5 | 1-1/8 | 28.5 |

INSTALLATION CLEARANCES - IN. (MM)



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

SPECIFICATIONS

| Model No. | | HS29-012 | HS29-018 | HS29-024 | HS29-030 |
|---|---|----------------------------|----------------------------|----------------------------|---------------------------|
| Nominal Tonnage (kW) | | 1 (3.5) | 1.5 (5.3) | 2 (7.0) | 2.5 (8.8) |
| Liquid line - in. (mm) o.d. connection (sweat) | | 1/3/8 (9.5) | 1/3/8 (9.5) | 1/3/8 (9.5) | 1/3/8 (9.5) |
| Suction line - in. (mm) o.d. connection (sweat) | | 5/8 (15.9) | 5/8 (15.9) | 5/8 (15.9) | 3/4 (19.1) |
| *Refrigerant charge furnished (HCFC-22) | | 2 lbs. 12 oz. (1.25 kg) | 3 lbs. 10 oz. (1.64 kg) | 3 lbs. 13 oz. (1.73 kg) | 4 lbs. 4 oz. (1.93 kg) |
| Condenser Coil | Net face area - sq. ft. (m ²) | 7.56 (0.70) | 11.33 (1.05) | | 13.22 (1.23) |
| | Tube diameter — in. (mm) & no. of rows | 5/16 (7.9) — 1 | | | |
| | Fins per inch (m) | 22 (866) | | | 18 (748) |
| Condenser Fan | Diameter — in. (mm) & no. of blades | 18 (457) — 3 | | | |
| | Motor hp (W) | 1/6 (124) | | | |
| | Cfm (L/s) | 2400 (1135) | | | 2545 (1200) |
| | Rpm | 1105 | | | 1110 |
| | Watts | 180 | | | 195 |
| Shipping weight - lbs. (kg) 1 package | | 107 (49) | 140 (64) | 143 (65) | 140 (64) |

OPTIONAL ACCESSORIES - MUST BE ORDERED EXTRA

| | | | | |
|--|--------------------|-------|-------|-------|
| Low Ambient Control Kit - For expansion valve systems only | LB-57113BC (24H77) | | | |
| Crankcase Heater | 68887 | | | 90P12 |
| Timed-Off Control | LB-50709BK (47J27) | | | |
| Unit Stand Off Kit | 94J45 | | | |
| Mounting Base | MB2-S (69J06) | | | |
| Hail Guards | 17L71 | | | 17L72 |
| Compressor Monitor (Optional for Canada Only) | T6-1469 (45F08) | | | |
| Start Kit - See ARI Rating tables for specific usage | 10J39 | 19K40 | 66K91 | 10J42 |

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

SPECIFICATIONS

| Model No. | | HS29-036 | HS29-042 | HS29-048 | HS29-060 | |
|---|---|---------------------------|----------------------------|---------------------------|---------------------------|-------------|
| Nominal Tonnage (kW) | | 3 (10.5) | 3.5 (12.3) | 4 (14.0) | 5 (17.5) | |
| Liquid line - in. (mm) o.d. connection (sweat) | | 3/8 (9.5) | | | | |
| Suction line - in. (mm) o.d. connection (sweat) | | 3/4 (19.1) | 7/8 (22.2) | | 1-1/8 (28.6) | |
| *Refrigerant charge furnished (HCFC-22) | | 4 lbs. 9 oz. (2.07 kg) | 5 lbs. 10 oz. (2.55 kg) | 6 lbs. 3 oz. (2.81 kg) | 8 lbs. 3 oz. (3.71 kg) | |
| Condenser Coil | Net face area - sq. ft. (m ²) | Outer coil | 15.11 (1.40) | | | |
| | | Inner coil | - - - | 5.40 (0.50) | 14.40 (1.34) | |
| | Tube diameter - in. (mm) & no. of rows | 5/16 (7.9) — 1 | 5/16 (7.9) — 1.37 | | 5/16 (7.9) — 2 | |
| Fins per inch (m) | | 22 (866) | 18 (748) | | 22 (866) | |
| Condenser Fan | Diameter - in. (mm) & no. of blades | | 18 (457) - 4 | | | |
| | Motor hp (W) | | 1/6 (124) | | 1/3 (249) | |
| | Cfm (L/s) | | 2520 (1193) | 2610 (1232) | 3115 (1470) | 2930 (1383) |
| | Rpm | | 1100 | 1105 | 1125 | 1100 |
| | Watts | | 200 | 200 | 325 | 310 |
| Shipping weight - lbs. (kg) 1 package | | 148 (67) | 161 (73) | 194 (88) | 212 (96) | |

OPTIONAL ACCESSORIES - MUST BE ORDERED EXTRA

| | | | | |
|--|--------------------|--|--|--|
| Low Ambient Control Kit - For expansion valve systems only | LB-57113BC (24H77) | | | |
| Crankcase Heater | 90P12 | | | |
| Timed-Off Control | LB-50709BK (47J27) | | | |
| Unit Stand Off Kit | 94J45 | | | |
| Mounting Base | MB2-S (69J06) | | | |
| Hail Guards | 17L73 | | | |
| Compressor Monitor (Optional for Canada Only) | T6-1469 (45F08) | | | |

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

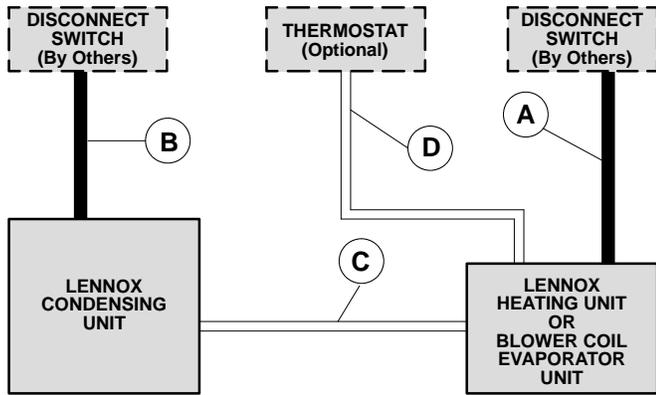
ELECTRICAL DATA

| Model No. | | HS29-012 | HS29-018 | HS29-024 | HS29-030 | HS29-036 | HS29-042 | HS29-048 | HS29-060 |
|--|-------------------|--------------|----------|----------|----------|----------|----------|----------|----------|
| Line voltage data — 60 hz | | 208/230v 1ph | | | | | | | |
| Rec. maximum fuse or circuit breaker size (amps) | | 15 | 20 | 30 | 35 | 40 | 45 | 60 | |
| *Minimum circuit ampacity | | 7.3 | 11.0 | 13.7 | 19.5 | 21.1 | 26.5 | 25.9 | 37.9 |
| Compressor | Rated load amps | 4.9 | 7.9 | 10.1 | 14.7 | 16.0 | 20.3 | 19.2 | 28.8 |
| | Power factor | .97 | | .96 | .90 | .91 | .84 | .98 | .95 |
| | Locked rotor amps | 26.3 | 48.3 | 60.0 | 84.0 | 100.0 | 127.0 | 137.0 | 169.0 |
| Condenser Coil Fan Motor | Full load amps | 1.1 | | | | | | 1.9 | |
| | Locked rotor amps | 1.9 | | | | | | 4.1 | |

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

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

FIELD WIRING

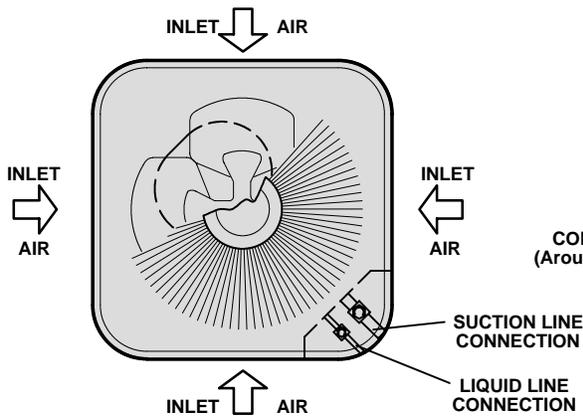


- A — Two Wire Power
- B — Two Wire Power — See Electrical Data
- C — Two Wire Low Voltage — 18 ga. minimum
- D — Four Wire Low Voltage (Electro-Mechanical) 18 ga. minimum
Five Wire Low Voltage (Electronic) 18 ga. minimum

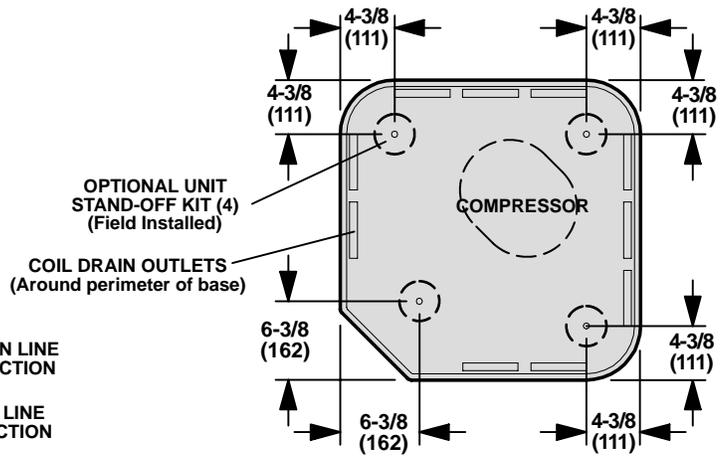
NOTE — Field Wiring Not Furnished

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

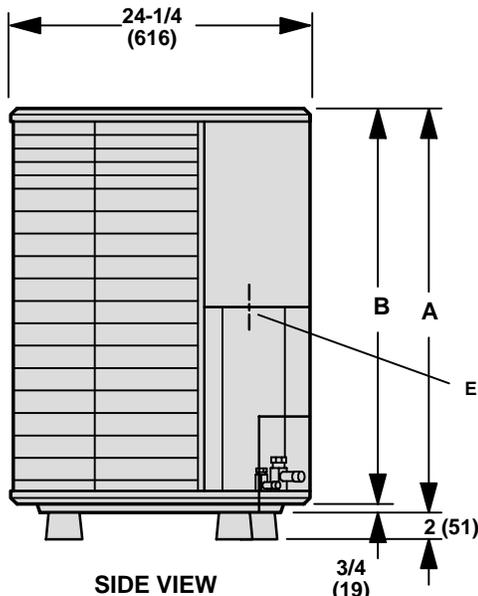
DIMENSIONS - INCHES (MM)



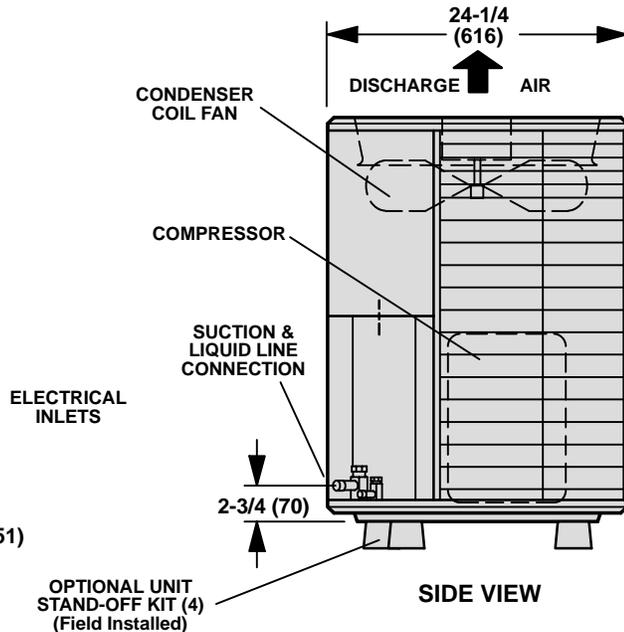
TOP VIEW



TOP VIEW BASE SECTION



SIDE VIEW



SIDE VIEW

| Model No. | | A | B |
|--|-----|-----|--------|
| HS29-012, HS29-018 HS29-024 | in. | 25 | 24-1/4 |
| | mm | 635 | 616 |
| HS29-030 | in. | 29 | 28-1/4 |
| | mm | 737 | 718 |
| HS29-036, HS29-042 HS29-048, HS29-060 | in. | 33 | 32-1/4 |
| | mm | 838 | 819 |

ARI RATINGS - EXPANSION VALVE SYSTEMS

| Unit Size & Model No. *Sound Rating Number (db) | ★ARI Standard 210/240 Ratings | | | | | Up-Flow | Down-Flow | Horizontal | **Expansion Valve Kit Required | | | |
|--|-------------------------------|-----------|-------------|------------|----------------------------|-------------------------------|-----------|--------------------|--------------------------------|------------------|--------|--------|
| | Cooling Cap. | | SEER | EER | Total Unit Watts | | | | | Evaporator Coils | | |
| | Btuh | kW | | | | | | | | C23-21 | C26-21 | C26-26 |
| 1 Ton HS29-012 (74) | 12,200 | 3.6 | 10.05 | 9.95 | 1225 | C23-21 | ---- | ---- | LB-85663L (26K49) | | | |
| | 12,500 | 3.7 | 11.00 | 10.05 | 1245 | ↕C26-21 | ---- | ---- | ●Factory Installed | | | |
| | 12,700 | 3.7 | 11.00 | 10.15 | 1250 | ↕C26-26 | ---- | ---- | | | | |
| | 12,300 | 3.6 | 11.00 | 9.90 | 1245 | ---- | CR26-21 | ---- | | | | |
| | 12,000 | 3.5 | 10.00 | 9.70 | 1235 | ---- | ---- | CH23-21 | LB-85663L (26K49) | | | |
| | Btuh | kW | SEER | EER | Watts | Blower Coil Units | | | Valve | | | |
| | 12,800 | 3.8 | 10.50 | 10.15 | 1260 | CB29M-21/26 (Multi-Position) | | | | | | |
| | 13,200 | 3.9 | 11.05 | 10.25 | 1290 | ↕CB30M-21/26 (Multi-Position) | | | | | | |
| | 12,400 | 3.6 | 11.00 | 9.95 | 1245 | ↕CB30U-21/26 | ---- | ---- | ●Factory Installed | | | |
| | | | | | | ☐CVP10-26/EC10Q3 | ---- | ---- | | | | |
| 1.5 Ton HS29-018 (76) | Btuh | kW | SEER | EER | Watts | Evaporator Coils | | | Valve | | | |
| | 18,000 | 5.3 | 10.20 | 10.20 | 1765 | C23-21 | ---- | ---- | LB-85663L (26K49) | | | |
| | 19,000 | 5.6 | 11.55 | 11.00 | 1730 | ↕C26-21 | ---- | ---- | ●Factory Installed | | | |
| | 19,000 | 5.6 | 11.50 | 10.95 | 1735 | C23-26 | ---- | ---- | LB-85663L (26K49) | | | |
| | 19,400 | 5.7 | 11.75 | 11.15 | 1740 | ↕C26-26 | ---- | ---- | ●Factory Installed | | | |
| | 19,000 | 5.6 | 11.50 | 11.00 | 1730 | ---- | CR26-21 | ---- | | | | |
| | 18,000 | 5.3 | 11.20 | 10.45 | 1720 | ---- | ---- | CH23-21 | LB-85663L (26K49) | | | |
| | Btuh | kW | SEER | EER | Watts | Blower Coil Units | | | Valve | | | |
| | 19,000 | 5.6 | 11.50 | 11.00 | 1725 | CB29M-21/26 (Multi-Position) | | | | | | |
| | 19,600 | 5.7 | 12.00 | 11.15 | 1755 | ↕CB30M-21/26 (Multi-Position) | | | | | | |
| 18,900 | 5.5 | 11.50 | 10.90 | 1730 | ↕CB30U-21/26 | ---- | ---- | ●Factory Installed | | | | |
| | | | | | ☐CVP10-26/EC10Q3 | ---- | ---- | | | | | |
| 2 Ton HS29-024 (76) | Btuh | kW | SEER | EER | Watts | Evaporator Coils | | | Valve | | | |
| | 22,600 | 6.6 | 10.20 | 9.70 | 2330 | C23-21 | ---- | ---- | LB-85663L (26K49) | | | |
| | 23,800 | 7.0 | 11.00 | 9.90 | 2405 | ↕C26-21 | ---- | ---- | ●Factory Installed | | | |
| | 24,200 | 7.1 | 11.00 | 10.00 | 2420 | C23-26 | ---- | ---- | LB-85663L (26K49) | | | |
| | 24,400 | 7.1 | 11.05 | 10.05 | 2425 | C23-31 | ---- | ---- | | | | |
| | 24,800 | 7.3 | 11.20 | 10.20 | 2435 | ↕C26-26 | ---- | ---- | ●Factory Installed | | | |
| | 25,800 | 7.6 | 11.50 | 10.45 | 2470 | ↕C26-31 | ---- | ---- | | | | |
| | 23,200 | 6.8 | 10.60 | 9.70 | 2390 | ---- | CR26-21 | ---- | | | | |
| | 25,400 | 7.4 | 11.30 | 10.35 | 2455 | ---- | CR26-31 | ---- | LB-85663L (26K49) | | | |
| | 24,000 | 7.0 | 10.85 | 9.95 | 2415 | ---- | ---- | CH23-31 | | | | |
| | Btuh | kW | SEER | EER | Watts | Blower Coil Units | | | Valve | | | |
| | 23,800 | 7.0 | 11.05 | 9.95 | 2390 | CB29M-21/26 (Multi-Position) | | | | | | |
| | 24,000 | 7.0 | 11.05 | 9.90 | 2425 | CB29M-31 (Multi-Position) | | | | | | |
| | 25,000 | 7.3 | 11.50 | 10.20 | 2450 | ↕CB30M-21/26 (Multi-Position) | | | | | | |
| 26,000 | 7.6 | 12.05 | 10.80 | 2410 | ↕CB30U-21/26 | ---- | ---- | ●Factory Installed | | | | |
| | | | | | ↕CB30M-31 (Multi-Position) | | | | | | | |
| 24,200 | 7.1 | 11.00 | 10.00 | 2420 | ↕CB30U-31 | ---- | ---- | | | | | |
| | | | | | ☐CVP10-26/EC10Q3 | ---- | ---- | | | | | |
| 2.5 Ton HS29-030 (76) | Btuh | kW | SEER | EER | Watts | Evaporator Coils | | | Valve | | | |
| | 29,000 | 8.5 | 10.20 | 9.25 | 3135 | C23-26 | ---- | ---- | | | | |
| | 29,800 | 8.7 | 10.35 | 9.40 | 3170 | C23-31 | ---- | ---- | LB-85663L (26K49) | | | |
| | 30,200 | 8.9 | 10.35 | 9.50 | 3180 | C23-41 | ---- | ---- | | | | |
| | 30,200 | 8.9 | 10.35 | 9.50 | 3180 | C26-26 | ---- | ---- | | | | |
| | 30,200 | 8.9 | 10.85 | 9.80 | 3085 | C26-31 | ---- | ---- | Factory Installed | | | |
| | 31,400 | 9.2 | 11.00 | 9.85 | 3190 | C26-41 | ---- | ---- | | | | |
| | 28,000 | 8.2 | 10.00 | 9.00 | 3130 | ---- | CR26-21 | ---- | | | | |
| | 30,200 | 8.9 | 10.35 | 9.50 | 3180 | ---- | CR26-31 | ---- | | | | |
| | 30,200 | 8.9 | 11.00 | 9.85 | 3070 | ---- | CR26-41 | ---- | | | | |
| | 29,000 | 8.5 | 10.20 | 9.25 | 3135 | ---- | ---- | CH23-21 | LB-85663L (26K49) | | | |
| | 29,200 | 8.6 | 10.25 | 9.35 | 3125 | ---- | ---- | CH23-31 | | | | |
| | 30,200 | 8.9 | 11.00 | 9.85 | 3070 | ---- | ---- | CH23-41 | | | | |
| | 31,400 | 9.2 | 11.00 | 9.85 | 3190 | ---- | ---- | CH23-51 | | | | |
| | Btuh | kW | SEER | EER | Watts | Blower Coil Units | | | Valve | | | |
| | 29,800 | 8.7 | 10.00 | 9.00 | 3315 | CB29M-21/26 (Multi-Position) | | | | | | |
| | 29,800 | 8.7 | 10.20 | 9.35 | 3190 | CB29M-31 (Multi-Position) | | | | | | |
| | 30,200 | 8.9 | 10.25 | 9.45 | 3195 | CB29M-41 (Multi-Position) | | | | | | |
| | 30,400 | 8.9 | 10.50 | 9.80 | 3100 | CB30M-21/26 (Multi-Position) | | | | | | |
| | | | | | | CB30U-21/26 | ---- | ---- | | | | |
| | | | | | CB30M-31 (Multi-Position) | | | | | | | |
| 31,800 | 9.3 | 11.10 | 10.20 | 3120 | CB30U-31 | ---- | ---- | ●Factory Installed | | | | |
| | | | | | CB30M-41 (Multi-Position) | | | | | | | |
| 32,000 | 9.4 | 11.05 | 10.10 | 3170 | CB30U-41/46 | ---- | ---- | | | | | |
| 32,200 | 9.4 | 11.50 | 10.60 | 3040 | CB31MV-41 (Multi-Position) | | | | | | | |
| 29,800 | 8.7 | 10.00 | 9.35 | 3185 | ☐CVP10-31/EC10Q3 | ---- | ---- | | | | | |
| 30,200 | 8.9 | 10.00 | 9.45 | 3195 | ☐CVP10-41/EC10Q3 | ---- | ---- | | | | | |

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

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

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

●Furnished as standard with coil.

☐Canada Only.

↕Start kit is required for proper system operation. Must be ordered extra. See Specification table.

ARI RATINGS - EXPANSION VALVE SYSTEMS

| Unit Size & Model No. *Sound Rating Number (db) | ★ARI Standard 210/240 Ratings | | | | | Up-Flow | Down-Flow | Horizontal | **Expansion Valve Kit Required | |
|--|-------------------------------|-------------|-------------|-------------|------------------|----------------------------|---------------------------|------------|--------------------------------|-------------------|
| | Cooling Cap. | | SEER | EER | Total Unit Watts | | | | | Evaporator Coils |
| | Btuh | kW | | | | | | | | |
| 3 Ton HS29-036 (76) | 33,000 | 9.7 | 10.00 | 9.00 | 3665 | C23-31 | ---- | ---- | LB-85663L (26K49) | |
| | 34,000 | 10.0 | 10.15 | 9.20 | 3695 | C23-41 | ---- | ---- | | |
| | 34,800 | 10.2 | 10.50 | 9.55 | 3645 | C26-31 | ---- | ---- | Factory Installed | |
| | 35,400 | 10.4 | 10.30 | 9.30 | 3805 | C23-46 | ---- | ---- | LB-85663L (26K49) | |
| | 36,400 | 10.7 | 10.50 | 9.85 | 3695 | C23-51 | ---- | ---- | | |
| | 35,400 | 10.4 | 11.00 | 9.80 | 3610 | C26-41 | ---- | ---- | Factory Installed | |
| | 36,600 | 10.7 | 11.00 | 9.85 | 3715 | C26-46 | ---- | ---- | | |
| | 37,000 | 10.8 | 11.10 | 9.85 | 3755 | C26-51/65 | ---- | ---- | | |
| | 34,800 | 10.2 | 10.50 | 9.50 | 3665 | ---- | CR26-41N Only | ---- | LB-85663L (26K49) | |
| | 35,800 | 10.5 | 10.50 | 9.60 | 3730 | ---- | CR26-41W Only | ---- | | |
| | 36,000 | 10.6 | 11.00 | 9.80 | 3675 | ---- | CR26-51 | ---- | | |
| | 34,800 | 10.2 | 10.30 | 9.30 | 3745 | ---- | ---- | CH23-41 | | |
| | 35,400 | 10.4 | 11.00 | 9.80 | 3610 | ---- | ---- | CH23-51 | | |
| | | Btuh | kW | SEER | EER | Watts | Blower Coil Units | | | Valve |
| | | 33,400 | 9.8 | 10.00 | 9.20 | 3630 | CB29M-31 (Multi-Position) | | | Factory Installed |
| | | 34,000 | 10.0 | 10.00 | 9.20 | 3695 | CB29M-41 (Multi-Position) | | | |
| | | 35,000 | 10.3 | 10.80 | 9.65 | 3625 | CB30M-31 (Multi-Position) | | | |
| | | | | | | | CB30U-31 | ---- | ---- | |
| | | 36,000 | 10.6 | 10.50 | 9.60 | 3750 | CB29M-46 (Multi-Position) | | | |
| | | 36,400 | 10.7 | 11.00 | 10.00 | 3640 | CB30M-41 (Multi-Position) | | | |
| | | | | | | CB30U-41/46 | ---- | ---- | | |
| | 36,400 | 10.7 | 11.10 | 10.00 | 3640 | CB30M-46 (Multi-Position) | | | | |
| | 36,400 | 10.7 | 11.20 | 10.10 | 3605 | CB31MV-41 (Multi-Position) | | | | |
| | 34,600 | 10.1 | 10.00 | 9.30 | 3720 | ☐CVP10-41/EC10Q3 | ---- | ---- | | |
| | 34,600 | 10.1 | 10.00 | 9.30 | 3720 | ☐CVP10-46/EC10Q4 | ---- | ---- | | |
| 3.5 Ton HS29-042 (78) | Btuh | kW | SEER | EER | Watts | Evaporator Coils | | | Valve | |
| | 39,000 | 11.4 | 10.20 | 9.00 | 4335 | C23-41 | ---- | ---- | LB-85663K (26K35) | |
| | 40,000 | 11.7 | 10.25 | 9.15 | 4375 | C23-46 | ---- | ---- | | |
| | 40,000 | 11.7 | 10.30 | 9.35 | 4280 | C26-41 | ---- | ---- | Factory Installed | |
| | 41,000 | 12.0 | 10.50 | 9.45 | 4340 | C26-46 | ---- | ---- | LB-85663K (26K35) | |
| | 42,000 | 12.3 | 10.50 | 9.50 | 4420 | C23-51 | ---- | ---- | | |
| | 42,000 | 12.3 | 11.00 | 9.80 | 4285 | C26-51/65 | ---- | ---- | Factory Installed | |
| | 42,000 | 12.3 | 11.00 | 9.80 | 4285 | C23-51/65 | ---- | ---- | LB-85663K (26K35) | |
| | 37,600 | 11.0 | 10.00 | 9.15 | 4110 | ---- | CR26-41N Only | ---- | LB-85663K (26K35) | |
| | 40,000 | 11.7 | 10.20 | 9.35 | 4280 | ---- | CR26-41W Only | ---- | | |
| | 41,000 | 12.0 | 10.30 | 9.35 | 4385 | ---- | CR26-51 | ---- | | |
| | 42,000 | 12.3 | 11.00 | 9.80 | 4285 | ---- | CR26-65 | ---- | | |
| | 40,500 | 11.9 | 10.20 | 9.30 | 4355 | ---- | ---- | CH23-41 | LB-85663K (26K35) | |
| | 41,500 | 12.2 | 10.30 | 9.45 | 4395 | ---- | ---- | CH23-51 | | |
| | 42,000 | 12.3 | 11.00 | 9.80 | 4285 | ---- | ---- | CH23-65 | | |
| | | Btuh | kW | SEER | EER | Watts | Blower Coil Units | | | Valve |
| | | 39,000 | 11.4 | 10.00 | 8.90 | 4385 | CB29M-41 (Multi-Position) | | | Factory Installed |
| | | | | | | | CB30M-41 (Multi-Position) | | | |
| | | 40,000 | 11.7 | 10.50 | 9.55 | 4190 | CB30U-41/46 | ---- | ---- | |
| | | 41,000 | 12.0 | 10.50 | 9.40 | 4365 | CB29M-46 (Multi-Position) | | | |
| | 41,000 | 12.0 | 10.25 | 9.15 | 4480 | CB29M-51 (Multi-Position) | | | | |
| | 41,500 | 12.2 | 11.00 | 9.80 | 4235 | CB30M-46 (Multi-Position) | | | | |
| | 41,500 | 12.2 | 11.00 | 9.80 | 4235 | CB31MV-41 (Multi-Position) | | | | |
| | | | | | | CB30M-51 (Multi-Position) | | | | |
| | 42,500 | 12.5 | 11.05 | 9.85 | 4315 | CB30U-51 | ---- | ---- | | |
| | 42,500 | 12.5 | 11.20 | 10.05 | 4230 | CB31MV-51 (Multi-Position) | | | | |
| | 40,000 | 11.7 | 10.00 | 9.05 | 4420 | ☐CVP10-46/EC10Q4 | ---- | ---- | | |
| | 40,000 | 11.7 | 10.00 | 9.05 | 4420 | ☐CVP10-51/EC10Q4 | ---- | ---- | | |

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

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

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

●Furnished as standard with coil.

☐Canada Only.

ARI RATINGS - EXPANSION VALVE SYSTEMS

| Unit Size & Model No. *Sound Rating Number (db) | ★ARI Standard 210/240 Ratings | | | | | Up-Flow | Down-Flow | Horizontal | **Expansion Valve Kit Required | | |
|--|---|-------|-------|-------|----------------------------|----------------------------|--------------------------|------------------|--------------------------------|-------------------|--|
| | Cooling Cap. | | SEER | EER | Total Unit Watts | | | | | Evaporator Coils | |
| | Btuh | kW | | | | Evaporator Coils | Evaporator Coils | Evaporator Coils | | | |
| 4 Ton HS29-048 (80) | 44,000 | 12.9 | 10.80 | 9.60 | 4585 | C26-41 | ---- | ---- | Factory Installed | | |
| | 45,000 | 13.2 | 10.85 | 9.75 | 4615 | C26-46 | ---- | ---- | | | |
| | 46,500 | 13.6 | 10.75 | 9.55 | 4870 | C23-51 | ---- | ---- | | LB-85663K (26K35) | |
| | 46,500 | 13.6 | 11.00 | 9.80 | 4745 | C26-51/65 | ---- | ---- | Factory Installed | | |
| | 47,000 | 13.8 | 10.80 | 9.70 | 4845 | C23-51/65 | ---- | ---- | LB-85663K (26K35) | | |
| | 48,000 | 14.1 | 11.05 | 10.00 | 4800 | C26-65EAP | ---- | ---- | Factory Installed | | |
| | 45,000 | 13.2 | 10.65 | 9.50 | 4735 | ---- | CR26-51 | ---- | LB-85663K (26K35) | | |
| | 46,000 | 13.5 | 11.00 | 9.80 | 4695 | ---- | CR26-65 | ---- | | | |
| | 46,000 | 13.5 | 10.85 | 9.65 | 4770 | ---- | ---- | CH23-51 | | | |
| | 46,500 | 13.6 | 11.00 | 9.75 | 4770 | ---- | ----- | CH23-65 | | | |
| | 48,000 | 14.1 | 11.00 | 10.00 | 4800 | ---- | ---- | CH23-68 | | | |
| | Btuh kW SEER EER Watts | | | | | | Blower Coil Units | | | Valve | |
| | 44,000 | 12.9 | 10.75 | 9.55 | 4605 | CB30M-41 (Multi-Position) | | | Factory Installed | | |
| | | | | | | CB30U-41/46 | ---- | ---- | | | |
| | 44,000 | 12.9 | 10.85 | 9.70 | 4535 | CB31MV-41 (Multi-Position) | | | | | |
| | 45,500 | 13.3 | 10.50 | 9.35 | 4865 | CB29M-46 (Multi-Position) | | | | | |
| | 45,500 | 13.3 | 10.60 | 9.40 | 4840 | CB29M-51 (Multi-Position) | | | | | |
| | 45,500 | 13.3 | 11.00 | 9.80 | 4645 | CB30M-46 (Multi-Position) | | | | | |
| | 46,000 | 13.5 | 10.55 | 9.40 | 4895 | CB29M-65 (Multi-Position) | | | | | |
| | 46,500 | 13.6 | 11.05 | 9.90 | 4700 | CB30M-51 (Multi-Position) | | | | | |
| | | | | | | CB30U-51 | ---- | ---- | | | |
| | 46,500 | 13.6 | 11.25 | 10.10 | 4605 | CB31MV-51 (Multi-Position) | | | | | |
| | | | | | | CB30M-65 (Multi-Position) | | | | | |
| | 47,000 | 13.8 | 11.05 | 9.90 | 4750 | CB30U-65 | | | | | |
| | | | | | CB30U-65 | ---- | ---- | | | | |
| 47,000 | 13.8 | 11.35 | 10.25 | 4585 | CB31MV-65 (Multi-Position) | | | | | | |
| 44,000 | 12.9 | 10.00 | 9.15 | 4810 | ☐CVP10-51/EC10Q4 | ---- | ---- | | | | |
| 44,000 | 12.9 | 10.00 | 9.15 | 4810 | ☐CVP10-65/EC10Q5 | ---- | ---- | | | | |
| 5 Ton HS29-060 (80) | Btuh kW SEER EER Watts | | | | | | Evaporator Coils | | | Valve | |
| | 55,500 | 16.3 | 10.50 | 8.9 | 6235 | C26-51/65 | ---- | ---- | | Factory Installed | |
| | 58,000 | 17.0 | 10.50 | 9.2 | 6305 | C23-51/65 | ---- | ---- | | LB-85663K (26K35) | |
| | 61,000 | 17.9 | 11.00 | 9.35 | 6525 | C26-65EAP | ---- | ---- | | Factory Installed | |
| | 52,500 | 15.4 | 10.00 | 8.55 | 6140 | ---- | CR26-51 | ---- | LB-85663K (26K35) | | |
| | 54,500 | 16.0 | 10.50 | 8.85 | 6160 | ---- | CR26-65N Only | ---- | | | |
| | 57,000 | 16.7 | 10.50 | 9.00 | 6335 | ---- | CR26-65W Only | ---- | | | |
| | 56,000 | 16.4 | 10.00 | 8.55 | 6550 | ---- | ---- | CH23-51 | | | |
| | 57,000 | 16.7 | 10.50 | 9.00 | 6335 | ---- | ---- | CH23-65 | | | |
| | 61,000 | 17.9 | 11.00 | 9.35 | 6525 | ---- | ---- | CH23-68 | | | |
| | Btuh kW SEER EER Watts | | | | | | Blower Coils | | | Valve | |
| | 54,500 | 16.0 | 10.05 | 8.65 | 6300 | CB29M-51 (Multi-Position) | | | Factory Installed | | |
| | 55,500 | 16.3 | 10.05 | 8.50 | 6530 | CB29M-65 (Multi-Position) | | | | | |
| | 55,500 | 16.3 | 10.50 | 8.90 | 6235 | CB30M-51 (Multi-Position) | | | | | |
| | | | | | | CB30U-51 | ---- | ---- | | | |
| | 55,500 | 16.3 | 11.00 | 9.55 | 5810 | CB31MV-51 (Multi-Position) | | | | | |
| | 58,000 | 17.0 | 11.00 | 9.35 | 6205 | CB30M-65 (Multi-Position) | | | | | |
| | | | | | | CB30U-65 | ---- | ---- | | | |
| 58,000 | 17.0 | 11.00 | 9.35 | 6205 | CB31MV-65 (Multi-Position) | | | | | | |
| 53,000 | 15.5 | 10.00 | 8.50 | 6235 | ☐CVP10-51/EC10Q4 | ---- | ---- | | | | |
| 54,500 | 16.0 | 10.00 | 8.50 | 6410 | ☐CVP10-65/EC10Q5 | ---- | ---- | | | | |

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

ARI RATINGS - RFCIV SYSTEMS

| Unit Size & Model No. *Sound Rating Number (db) | ★ARI Standard 210/240 Ratings | | | | | Up-Flow | Down-Flow | Horizontal | **RFCIV Metering Orifice Size Required |
|--|-------------------------------|-------|-------|-------|------------------|------------|-----------|------------|--|
| | Cooling Cap. | | SEER | EER | Total Unit Watts | | | | |
| | Btuh | kW | | | | | | | |
| 1 Ton HS29-012 (74) | 12,200 | 3.6 | 10.05 | 9.95 | 1225 | ☐C23-21 | ---- | ---- | 0.047 (42J35) |
| | 12,300 | 3.6 | 10.05 | 9.90 | 1245 | ---- | CR26-21 | ---- | |
| | 12,000 | 3.5 | 10.00 | 9.70 | 1235 | ---- | ---- | CH23-21 | |
| 1.5 Ton HS29-018 (76) | 18,000 | 5.5 | 10.20 | 10.20 | 1765 | C23-21 | ---- | ---- | 0.055 (42J39) |
| | 19,000 | 5.6 | 11.50 | 10.95 | 1735 | ☐C23-26 | ---- | ---- | |
| | 18,000 | 5.3 | 11.00 | 10.45 | 1720 | ---- | CR26-21 | ---- | |
| | 19,000 | 5.6 | 11.00 | 11.00 | 1730 | ---- | ---- | CH23-21 | |
| 2 Ton HS29-024 (76) | 24,200 | 7.1 | 11.00 | 10.00 | 2420 | ☐C23-26 | ---- | ---- | 0.062 (66J87) |
| | 24,400 | 7.1 | 11.05 | 10.05 | 2425 | C23-31 | ---- | ---- | |
| | 23,200 | 6.8 | 10.00 | 9.70 | 2390 | ---- | CR26-21 | ---- | |
| | 25,400 | 7.4 | 11.00 | 10.35 | 2455 | ---- | CR26-31 | ---- | |
| | 24,000 | 7.0 | 10.65 | 9.95 | 2415 | ---- | ---- | CH23-31 | |
| 2.5 Ton HS29-030 (76) | 29,000 | 8.5 | 10.00 | 9.25 | 3135 | ☐C23-26 | ---- | ---- | 0.067 (42J45) |
| | 29,800 | 8.7 | 10.15 | 9.40 | 3170 | C23-31 | ---- | ---- | |
| | 30,200 | 8.9 | 10.15 | 9.50 | 3180 | C23-41 | ---- | ---- | |
| | 28,000 | 8.2 | 10.00 | 9.00 | 3110 | ---- | CR26-21 | ---- | |
| | 30,200 | 8.9 | 10.15 | 9.50 | 3180 | ---- | CR26-31 | ---- | |
| | 30,200 | 8.9 | 10.50 | 9.85 | 3065 | ---- | CR26-41 | ---- | |
| | 29,000 | 8.5 | 10.00 | 9.25 | 3135 | ---- | ---- | CH23-21 | |
| | 29,200 | 8.6 | 10.00 | 9.35 | 3125 | ---- | ---- | CH23-31 | |
| 30,200 | 8.9 | 10.50 | 9.85 | 3065 | ---- | ---- | CH23-41 | | |
| 3 Ton HS29-036 (76) | 34,000 | 10.0 | 10.00 | 9.20 | 3695 | ☐C23-41 | ---- | ---- | 0.073 (42J48) |
| | 35,400 | 10.4 | 10.10 | 9.30 | 3805 | C23-46 | ---- | ---- | |
| | 34,800 | 10.2 | 10.20 | 9.50 | 3665 | ---- | CR26-41N | ---- | |
| | 35,800 | 10.5 | 10.20 | 9.60 | 3730 | ---- | CR26-41W | ---- | |
| | 34,800 | 10.2 | 10.10 | 9.30 | 3740 | ---- | ---- | CH23-41 | |
| 3.5 Ton HS29-042 (78) | 39,000 | 11.4 | 10.00 | 9.00 | 4335 | C23-41 | ---- | ---- | 0.078 (42J51) |
| | 40,000 | 11.7 | 10.00 | 9.15 | 4375 | ☐C23-46 | ---- | ---- | |
| | 42,000 | 12.3 | 10.20 | 9.50 | 4420 | C23-51 | ---- | ---- | |
| | 40,000 | 11.7 | 10.00 | 9.35 | 4280 | ---- | CR26-41W | ---- | |
| | 41,000 | 12.0 | 10.00 | 9.35 | 4385 | ---- | CR26-51 | ---- | |
| | 40,500 | 11.9 | 10.00 | 9.30 | 4355 | ---- | ---- | CH23-41 | |
| | 41,500 | 12.2 | 10.00 | 9.45 | 4395 | ---- | ---- | CH23-51 | |
| 4 Ton HS29-048 (80) | 46,500 | 13.6 | 10.50 | 9.55 | 4870 | ☐C23-51 | ---- | ---- | 0.086 (42J55) |
| | 47,000 | 13.8 | 10.50 | 9.70 | 4845 | C23-51/65 | ---- | ---- | |
| | 45,000 | 13.2 | 10.25 | 9.50 | 4735 | ---- | CR26-51 | ---- | |
| | 46,000 | 13.5 | 10.60 | 9.80 | 4695 | ---- | CR26-65 | ---- | |
| | 46,000 | 13.5 | 10.50 | 9.65 | 4770 | ---- | ---- | CH23-51 | |
| | 46,500 | 13.6 | 10.60 | 9.75 | 4770 | ---- | ---- | CH23-65 | |
| | 46,500 | 13.6 | 10.60 | 9.75 | 4770 | ---- | ---- | CH23-65 | |
| 5 Ton HS29-060 (80) | 58,000 | 17.0 | 10.00 | 9.20 | 6375 | ☐C23-51/65 | ---- | ---- | 0.098 (42J61) |
| | 57,000 | 16.7 | 10.00 | 9.00 | 6335 | ---- | CR26-65W | ---- | |
| | 57,000 | 16.7 | 10.00 | 9.00 | 6335 | ---- | ---- | CH23-65 | |
| | 58,000 | 17.0 | 10.50 | 9.35 | 6205 | ---- | ---- | CH23-68 | |

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

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

**RFCIV metering device furnished with HS29 condensing unit for field installation in evaporator coil.

☐Most popular evaporator coil.

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS29-012 — C23-21 COOLING CAPACITY TXV & RFC

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-----------|---------------------|-------------------------------|------|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | |
| 63°F (17°C) | 300 | 140 | 11.5 | 3.4 | .80 | .69 | .81 | .92 | 11.1 | 3.3 | .89 | .69 | .82 | .94 | 10.7 | 3.1 | .98 | .70 | .83 | .95 | 10.2 | 3.0 | 1.07 | .72 | .85 | .97 |
| | 400 | 190 | 12.1 | 3.5 | .81 | .74 | .89 | .99 | 11.7 | 3.4 | .90 | .76 | .91 | 1.00 | 11.3 | 3.3 | .99 | .77 | .92 | 1.00 | 10.8 | 3.2 | 1.08 | .79 | .94 | 1.00 |
| | 500 | 235 | 12.6 | 3.7 | .82 | .80 | .95 | 1.00 | 12.2 | 3.6 | .90 | .82 | .97 | 1.00 | 11.7 | 3.4 | 1.00 | .83 | .98 | 1.00 | 11.2 | 3.3 | 1.09 | .85 | 1.00 | 1.00 |
| 67°F (19°C) | 300 | 140 | 12.3 | 3.6 | .81 | .55 | .67 | .78 | 11.9 | 3.5 | .90 | .55 | .67 | .79 | 11.4 | 3.3 | .99 | .56 | .68 | .80 | 11.0 | 3.2 | 1.09 | .56 | .69 | .82 |
| | 400 | 190 | 12.9 | 3.8 | .82 | .58 | .72 | .85 | 12.5 | 3.7 | .91 | .58 | .73 | .87 | 12.0 | 3.5 | 1.00 | .59 | .74 | .89 | 11.5 | 3.4 | 1.10 | .60 | .76 | .91 |
| | 500 | 235 | 13.3 | 3.9 | .83 | .61 | .78 | .92 | 12.8 | 3.8 | .91 | .63 | .80 | .94 | 12.3 | 3.6 | 1.01 | .63 | .81 | .96 | 11.8 | 3.5 | 1.10 | .64 | .82 | .98 |
| 71°F (22°C) | 300 | 140 | 13.2 | 3.9 | .82 | .42 | .53 | .64 | 12.8 | 3.8 | .91 | .42 | .53 | .64 | 12.3 | 3.6 | 1.01 | .42 | .54 | .65 | 11.8 | 3.5 | 1.10 | .42 | .54 | .66 |
| | 400 | 190 | 13.8 | 4.0 | .83 | .43 | .57 | .70 | 13.3 | 3.9 | .92 | .44 | .57 | .71 | 12.8 | 3.8 | 1.01 | .44 | .58 | .72 | 12.3 | 3.6 | 1.11 | .44 | .59 | .73 |
| | 500 | 235 | 14.2 | 4.2 | .84 | .44 | .60 | .75 | 13.7 | 4.0 | .93 | .45 | .61 | .77 | 13.1 | 3.8 | 1.02 | .45 | .62 | .78 | 12.6 | 3.7 | 1.12 | .45 | .63 | .80 |

HS29-012 — C26-21

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Condenser Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|------------------------------|-------------------------------|-----------|-----------|------------------------|-----------|------------------------------|-------------------------------|-----------|-----------|------------------------|-----------|------------------------------|-------------------------------|-----------|-----------|------------------------|-----------|------------------------------|-------------------------------|------|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | |
| | | | kW | Btuh | | Dry Bulb | | | kW | Btuh | | Dry Bulb | | | kW | Btuh | | Dry Bulb | | | kW | Btuh | | Dry Bulb | | |
| L/s | cfm | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | |
| 63°F (17.2°C) | 140 | 300 | 3.5 | 12,100 | 800 | .69 | .81 | .93 | 3.4 | 11,700 | 880 | .69 | .82 | .95 | 3.3 | 11,200 | 970 | .70 | .84 | .97 | 3.1 | 10,700 | 1060 | .72 | .86 | .99 |
| | 190 | 400 | 3.8 | 12,800 | 810 | .75 | .90 | 1.00 | 3.6 | 12,300 | 900 | .76 | .92 | 1.00 | 3.5 | 11,800 | 990 | .77 | .94 | 1.00 | 3.3 | 11,300 | 1080 | .79 | .96 | 1.00 |
| | 235 | 500 | 3.9 | 13,300 | 820 | .81 | .97 | 1.00 | 3.8 | 12,800 | 910 | .83 | .99 | 1.00 | 3.6 | 12,300 | 1000 | .84 | 1.00 | 1.00 | 3.5 | 11,800 | 1100 | .87 | 1.00 | 1.00 |
| 67°F (19.4°C) | 140 | 300 | 3.8 | 12,900 | 820 | .54 | .66 | .77 | 3.7 | 12,500 | 900 | .55 | .67 | .79 | 3.5 | 12,000 | 990 | .55 | .68 | .80 | 3.4 | 11,500 | 1090 | .56 | .69 | .82 |
| | 190 | 400 | 4.0 | 13,600 | 830 | .58 | .72 | .86 | 3.8 | 13,100 | 920 | .58 | .73 | .88 | 3.7 | 12,500 | 1010 | .59 | .75 | .90 | 3.5 | 12,000 | 1100 | .60 | .77 | .93 |
| | 235 | 500 | 4.1 | 14,000 | 840 | .61 | .79 | .95 | 3.9 | 13,400 | 930 | .62 | .80 | .96 | 3.8 | 12,900 | 1020 | .63 | .82 | .98 | 3.6 | 12,300 | 1110 | .65 | .84 | 1.00 |
| 71°F (21.7°C) | 140 | 300 | 4.1 | 13,900 | 840 | .42 | .52 | .63 | 3.9 | 13,300 | 920 | .42 | .53 | .64 | 3.8 | 12,800 | 1010 | .42 | .54 | .65 | 3.6 | 12,300 | 1110 | .42 | .54 | .66 |
| | 190 | 400 | 4.2 | 14,500 | 850 | .43 | .56 | .70 | 4.1 | 13,900 | 940 | .43 | .57 | .71 | 3.9 | 13,400 | 1030 | .43 | .58 | .72 | 3.7 | 12,700 | 1120 | .44 | .59 | .74 |
| | 235 | 500 | 4.4 | 14,900 | 860 | .44 | .60 | .76 | 4.2 | 14,300 | 950 | .44 | .61 | .78 | 4.0 | 13,700 | 1040 | .45 | .62 | .80 | 3.8 | 13,000 | 1130 | .45 | .64 | .82 |

HS29-012 — C26-26

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Condenser Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|------------------------------|-------------------------------|-----------|-----------|------------------------|-----------|------------------------------|-------------------------------|-----------|-----------|------------------------|-----------|------------------------------|-------------------------------|-----------|-----------|------------------------|-----------|------------------------------|-------------------------------|------|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | |
| | | | kW | Btuh | | Dry Bulb | | | kW | Btuh | | Dry Bulb | | | kW | Btuh | | Dry Bulb | | | kW | Btuh | | Dry Bulb | | |
| L/s | cfm | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | |
| 63°F (17.2°C) | 140 | 300 | 3.6 | 12,200 | 800 | .68 | .81 | .93 | 3.5 | 11,800 | 890 | .69 | .82 | .95 | 3.3 | 11,300 | 980 | .70 | .84 | .97 | 3.2 | 10,800 | 1070 | .71 | .86 | .99 |
| | 190 | 400 | 3.8 | 12,900 | 820 | .74 | .90 | 1.00 | 3.6 | 12,400 | 900 | .76 | .92 | 1.00 | 3.5 | 11,900 | 990 | .77 | .94 | 1.00 | 3.3 | 11,400 | 1090 | .79 | .96 | 1.00 |
| | 235 | 500 | 4.0 | 13,500 | 830 | .81 | .98 | 1.00 | 3.8 | 13,000 | 920 | .83 | .99 | 1.00 | 3.7 | 12,500 | 1010 | .84 | 1.00 | 1.00 | 3.5 | 12,000 | 1110 | .87 | 1.00 | 1.00 |
| 67°F (19.4°C) | 140 | 300 | 3.8 | 13,100 | 820 | .54 | .66 | .77 | 3.7 | 12,600 | 910 | .55 | .67 | .79 | 3.5 | 12,100 | 1000 | .55 | .68 | .80 | 3.4 | 11,600 | 1090 | .56 | .69 | .82 |
| | 190 | 400 | 4.0 | 13,800 | 840 | .58 | .72 | .86 | 3.9 | 13,200 | 920 | .58 | .73 | .88 | 3.7 | 12,700 | 1010 | .59 | .75 | .90 | 3.5 | 12,100 | 1110 | .60 | .77 | .93 |
| | 235 | 500 | 4.2 | 14,200 | 850 | .61 | .78 | .95 | 4.0 | 13,600 | 930 | .62 | .80 | .97 | 3.8 | 13,000 | 1020 | .63 | .82 | .99 | 3.6 | 12,400 | 1120 | .65 | .84 | 1.00 |
| 71°F (21.7°C) | 140 | 300 | 4.1 | 14,000 | 840 | .42 | .52 | .63 | 4.0 | 13,500 | 930 | .42 | .53 | .64 | 3.8 | 13,000 | 1020 | .42 | .53 | .65 | 3.6 | 12,400 | 1120 | .42 | .54 | .66 |
| | 190 | 400 | 4.3 | 14,700 | 860 | .42 | .56 | .69 | 4.1 | 14,100 | 940 | .43 | .57 | .71 | 4.0 | 13,500 | 1040 | .43 | .58 | .72 | 3.8 | 12,900 | 1130 | .43 | .59 | .74 |
| | 235 | 500 | 4.4 | 15,100 | 870 | .44 | .60 | .76 | 4.2 | 14,500 | 950 | .44 | .61 | .78 | 4.1 | 13,900 | 1050 | .45 | .62 | .80 | 3.9 | 13,200 | 1140 | .45 | .64 | .82 |

HS29-012 — CR26-21 TXV & RFC

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Condenser Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|------------------------------|-------------------------------|-----------|-----------|------------------------|-----------|------------------------------|-------------------------------|-----------|-----------|------------------------|-----------|------------------------------|-------------------------------|-----------|-----------|------------------------|-----------|------------------------------|-------------------------------|------|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | |
| | | | kW | Btuh | | Dry Bulb | | | kW | Btuh | | Dry Bulb | | | kW | Btuh | | Dry Bulb | | | kW | Btuh | | Dry Bulb | | |
| L/s | cfm | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | |
| 63°F (17.2°C) | 140 | 300 | 3.5 | 11,900 | 790 | .68 | .80 | .93 | 3.4 | 11,500 | 880 | .69 | .82 | .94 | 3.3 | 11,100 | 960 | .70 | .83 | .96 | 3.1 | 10,600 | 1060 | .71 | .85 | .98 |
| | 190 | 400 | 3.7 | 12,600 | 810 | .74 | .89 | 1.00 | 3.5 | 12,100 | 890 | .75 | .90 | 1.00 | 3.4 | 11,600 | 980 | .76 | .92 | 1.00 | 3.3 | 11,100 | 1080 | .78 | .95 | 1.00 |
| | 235 | 500 | 3.8 | 13,100 | 820 | .79 | .96 | 1.00 | 3.7 | 12,600 | 900 | .81 | .98 | 1.00 | 3.5 | 12,100 | 990 | .83 | .99 | 1.00 | 3.4 | 11,600 | 1090 | .85 | 1.00 | 1.00 |
| 67°F (19.4°C) | 140 | 300 | 3.8 | 12,800 | 810 | .54 | .65 | .77 | 3.6 | 12,300 | 900 | .55 | .66 | .78 | 3.5 | 11,800 | 990 | .55 | .67 | .80 | 3.3 | 11,300 | 1080 | .56 | .68 | .81 |
| | 190 | 400 | 3.9 | 13,400 | 830 | .57 | .71 | .85 | 3.8 | 12,900 | 910 | .58 | .72 | .87 | 3.6 | 12,400 | 1000 | .59 | .74 | .89 | 3.5 | 11,800 | 1100 | .60 | .76 | .91 |
| | 235 | 500 | 4.0 | 13,800 | 840 | .60 | .77 | .93 | 3.9 | 13,300 | 920 | .61 | .79 | .95 | 3.7 | 12,700 | 1010 | .62 | .81 | .97 | 3.5 | 12,100 | 1110 | .64 | .83 | .99 |
| 71°F (21.7°C) | 140 | 300 | 4.0 | 13,700 | 830 | .42 | .52 | .63 | 3.9 | 13,200 | 920 | .42 | .53 | .64 | 3.7 | 12,700 | 1010 | .42 | .53 | .65 | 3.5 | 12,100 | 1110 | .42 | .54 | .66 |
| | 190 | 400 | 4.2 | 14,300 | 850 | .42 | .55 | .69 | 4.0 | 13,800 | 930 | .43 | .56 | .70 | 3.9 | 13,200 | 1020 | .43 | .57 | .71 | 3.7 | 12,600 | 1120 | .43 | .58 | .73 |
| | 235 | 500 | 4.3 | 14,700 | 860 | .44 | .59 | .75 | 4.1 | 14,100 | 940 | .44 | .60 | .76 | 4.0 | 13,500 | 1030 | .44 | .61 | .78 | 3.8 | 12,900 | 1130 | .45 | .63 | .80 |

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS29-012 — CH23-21 TXV & RFC

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Condenser Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----|---|-----------|------------------------------|-------------------------------|-----|------|------------------------|-----------|------------------------------|-------------------------------|------|-----------|------------------------|-----------|------------------------------|-------------------------------|-----------|-----------|------------------------|--------|------------------------------|-------------------------------|------|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | |
| L/s | cfm | kW | Btuh | 75°F 24°C | 80°F 27°C | 85°F 29°C | kW | Btuh | 75°F 24°C | 80°F 27°C | 85°F 29°C | kW | Btuh | 75°F 24°C | 80°F 27°C | 85°F 29°C | kW | Btuh | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | | |
| 63°F (17.2°C) | 140 | 300 | 3.4 | 11,500 | 790 | .68 | .81 | .93 | 3.3 | 11,100 | 870 | .69 | .82 | .95 | 3.1 | 10,600 | 960 | .70 | .84 | .97 | 3.0 | 10,200 | 1050 | .71 | .86 | .98 |
| | 190 | 400 | 3.6 | 12,200 | 800 | .74 | .90 | 1.00 | 3.4 | 11,700 | 890 | .76 | .91 | 1.00 | 3.3 | 11,200 | 980 | .77 | .93 | 1.00 | 3.1 | 10,700 | 1070 | .79 | .96 | 1.00 |
| | 235 | 500 | 3.7 | 12,600 | 820 | .81 | .97 | 1.00 | 3.6 | 12,200 | 900 | .82 | .99 | 1.00 | 3.4 | 11,700 | 990 | .84 | 1.00 | 1.00 | 3.3 | 11,200 | 1090 | .86 | 1.00 | 1.00 |
| 67°F (19.4°C) | 140 | 300 | 3.6 | 12,300 | 810 | .54 | .66 | .77 | 3.5 | 11,900 | 890 | .55 | .67 | .79 | 3.3 | 11,400 | 980 | .55 | .68 | .80 | 3.2 | 10,900 | 1080 | .56 | .69 | .82 |
| | 190 | 400 | 3.8 | 12,900 | 820 | .57 | .72 | .86 | 3.6 | 12,400 | 910 | .58 | .73 | .88 | 3.5 | 11,900 | 1000 | .59 | .75 | .90 | 3.3 | 11,400 | 1090 | .60 | .76 | .92 |
| | 235 | 500 | 3.9 | 13,300 | 830 | .61 | .78 | .94 | 3.8 | 12,800 | 920 | .62 | .80 | .96 | 3.6 | 12,200 | 1010 | .63 | .82 | .98 | 3.4 | 11,700 | 1100 | .65 | .84 | 1.00 |
| 71°F (21.7°C) | 140 | 300 | 3.9 | 13,200 | 830 | .42 | .52 | .63 | 3.7 | 12,700 | 910 | .42 | .53 | .64 | 3.6 | 12,200 | 1000 | .42 | .53 | .65 | 3.4 | 11,700 | 1100 | .42 | .54 | .66 |
| | 190 | 400 | 4.0 | 13,800 | 840 | .42 | .56 | .69 | 3.9 | 13,300 | 930 | .43 | .57 | .71 | 3.7 | 12,700 | 1020 | .43 | .58 | .72 | 3.5 | 12,100 | 1120 | .43 | .59 | .74 |
| | 235 | 500 | 4.2 | 14,200 | 850 | .44 | .60 | .76 | 4.0 | 13,600 | 940 | .44 | .61 | .78 | 3.8 | 13,000 | 1030 | .45 | .62 | .80 | 3.6 | 12,400 | 1120 | .45 | .64 | .82 |

HS29-012 — CB29M-21/26

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Condenser Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----|---|-----------|------------------------------|-------------------------------|-----|------|------------------------|-----------|------------------------------|-------------------------------|------|-----------|------------------------|-----------|------------------------------|-------------------------------|-----------|-----------|------------------------|--------|------------------------------|-------------------------------|------|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | |
| L/s | cfm | kW | Btuh | 75°F 24°C | 80°F 27°C | 85°F 29°C | kW | Btuh | 75°F 24°C | 80°F 27°C | 85°F 29°C | kW | Btuh | 75°F 24°C | 80°F 27°C | 85°F 29°C | kW | Btuh | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | | |
| 63°F (17.2°C) | 140 | 300 | 3.6 | 12,300 | 800 | .69 | .82 | .93 | 3.5 | 11,800 | 890 | .70 | .83 | .95 | 3.3 | 11,400 | 980 | .71 | .85 | .97 | 3.2 | 10,900 | 1070 | .73 | .86 | .99 |
| | 190 | 400 | 3.8 | 13,000 | 820 | .75 | .90 | 1.00 | 3.7 | 12,500 | 900 | .77 | .92 | 1.00 | 3.5 | 12,000 | 990 | .78 | .94 | 1.00 | 3.4 | 11,500 | 1090 | .80 | .96 | 1.00 |
| | 235 | 500 | 4.0 | 13,500 | 830 | .81 | .97 | 1.00 | 3.8 | 13,000 | 920 | .83 | .99 | 1.00 | 3.7 | 12,500 | 1010 | .85 | 1.00 | 1.00 | 3.5 | 12,000 | 1110 | .87 | 1.00 | 1.00 |
| 67°F (19.4°C) | 140 | 300 | 3.8 | 13,100 | 820 | .55 | .67 | .78 | 3.7 | 12,700 | 910 | .56 | .68 | .80 | 3.6 | 12,200 | 1000 | .56 | .69 | .81 | 3.4 | 11,600 | 1100 | .57 | .70 | .83 |
| | 190 | 400 | 4.0 | 13,800 | 840 | .58 | .73 | .87 | 3.9 | 13,300 | 920 | .59 | .74 | .89 | 3.7 | 12,700 | 1010 | .60 | .76 | .90 | 3.5 | 12,100 | 1110 | .61 | .77 | .93 |
| | 235 | 500 | 4.2 | 14,200 | 850 | .62 | .79 | .94 | 4.0 | 13,600 | 930 | .63 | .81 | .96 | 3.8 | 13,100 | 1020 | .64 | .83 | .98 | 3.7 | 12,500 | 1120 | .65 | .85 | 1.00 |
| 71°F (21.7°C) | 140 | 300 | 4.1 | 14,100 | 840 | .42 | .53 | .64 | 4.0 | 13,600 | 930 | .42 | .54 | .65 | 3.8 | 13,000 | 1020 | .42 | .54 | .66 | 3.7 | 12,500 | 1120 | .43 | .55 | .67 |
| | 190 | 400 | 4.3 | 14,700 | 860 | .43 | .57 | .70 | 4.1 | 14,100 | 950 | .43 | .58 | .72 | 4.0 | 13,600 | 1040 | .44 | .59 | .73 | 3.8 | 13,000 | 1130 | .44 | .60 | .75 |
| | 235 | 500 | 4.4 | 15,100 | 870 | .45 | .61 | .77 | 4.2 | 14,500 | 950 | .45 | .62 | .78 | 4.1 | 13,900 | 1050 | .45 | .63 | .80 | 3.9 | 13,300 | 1140 | .46 | .64 | .82 |

HS29-012 — CB30M-21/26 - CB30U-21/26

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Condenser Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----|---|-----------|------------------------------|-------------------------------|------|------|------------------------|-----------|------------------------------|-------------------------------|------|-----------|------------------------|-----------|------------------------------|-------------------------------|-----------|-----------|------------------------|--------|------------------------------|-------------------------------|------|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | |
| L/s | cfm | kW | Btuh | 75°F 24°C | 80°F 27°C | 85°F 29°C | kW | Btuh | 75°F 24°C | 80°F 27°C | 85°F 29°C | kW | Btuh | 75°F 24°C | 80°F 27°C | 85°F 29°C | kW | Btuh | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | | |
| 63°F (17.2°C) | 165 | 350 | 3.8 | 12,900 | 820 | .72 | .86 | .98 | 3.6 | 12,400 | 900 | .73 | .87 | 1.00 | 3.5 | 11,900 | 990 | .75 | .89 | 1.00 | 3.3 | 11,400 | 1090 | .76 | .91 | 1.00 |
| | 210 | 450 | 4.0 | 13,500 | 830 | .78 | .94 | 1.00 | 3.8 | 13,000 | 920 | .80 | .96 | 1.00 | 3.7 | 12,500 | 1010 | .82 | .98 | 1.00 | 3.5 | 11,900 | 1100 | .84 | 1.00 | 1.00 |
| | 260 | 550 | 4.1 | 14,100 | 840 | .85 | 1.00 | 1.00 | 4.0 | 13,600 | 930 | .86 | 1.00 | 1.00 | 3.8 | 13,100 | 1020 | .89 | 1.00 | 1.00 | 3.7 | 12,500 | 1120 | .91 | 1.00 | 1.00 |
| 67°F (19.4°C) | 165 | 350 | 4.0 | 13,800 | 840 | .56 | .69 | .82 | 3.9 | 13,300 | 920 | .57 | .71 | .84 | 3.7 | 12,700 | 1020 | .58 | .72 | .86 | 3.6 | 12,200 | 1110 | .59 | .73 | .88 |
| | 210 | 450 | 4.2 | 14,400 | 850 | .60 | .76 | .91 | 4.0 | 13,800 | 940 | .61 | .78 | .93 | 3.9 | 13,200 | 1030 | .62 | .79 | .95 | 3.7 | 12,600 | 1130 | .63 | .81 | .98 |
| | 260 | 550 | 4.3 | 14,800 | 860 | .64 | .82 | .99 | 4.2 | 14,200 | 950 | .65 | .84 | 1.00 | 4.0 | 13,500 | 1040 | .66 | .86 | 1.00 | 3.8 | 12,900 | 1130 | .68 | .89 | 1.00 |
| 71°F (21.7°C) | 165 | 350 | 4.3 | 14,800 | 860 | .43 | .55 | .67 | 4.2 | 14,200 | 950 | .43 | .55 | .68 | 4.0 | 13,600 | 1040 | .43 | .56 | .69 | 3.8 | 13,000 | 1140 | .43 | .57 | .71 |
| | 210 | 450 | 4.5 | 15,300 | 870 | .44 | .59 | .74 | 4.3 | 14,700 | 960 | .44 | .60 | .75 | 4.1 | 14,100 | 1050 | .45 | .61 | .77 | 3.9 | 13,400 | 1150 | .45 | .62 | .79 |
| | 260 | 550 | 4.6 | 15,700 | 880 | .45 | .63 | .80 | 4.4 | 15,100 | 970 | .46 | .64 | .82 | 4.2 | 14,400 | 1060 | .46 | .66 | .84 | 4.0 | 13,700 | 1160 | .47 | .67 | .87 |

HS29-012 — CVP10-26/EC10Q3

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Condenser Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----|---|-----------|------------------------------|-------------------------------|-----|------|------------------------|-----------|------------------------------|-------------------------------|------|-----------|------------------------|-----------|------------------------------|-------------------------------|-----------|-----------|------------------------|--------|------------------------------|-------------------------------|------|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | |
| L/s | cfm | kW | Btuh | 75°F 24°C | 80°F 27°C | 85°F 29°C | kW | Btuh | 75°F 24°C | 80°F 27°C | 85°F 29°C | kW | Btuh | 75°F 24°C | 80°F 27°C | 85°F 29°C | kW | Btuh | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | | |
| 63°F (17.2°C) | 140 | 300 | 3.5 | 11,900 | 800 | .68 | .81 | .93 | 3.4 | 11,500 | 890 | .69 | .82 | .95 | 3.2 | 11,000 | 980 | .70 | .84 | .97 | 3.1 | 10,500 | 1070 | .72 | .86 | .99 |
| | 190 | 400 | 3.7 | 12,600 | 820 | .75 | .90 | 1.00 | 3.5 | 12,100 | 910 | .76 | .92 | 1.00 | 3.4 | 11,600 | 1000 | .78 | .94 | 1.00 | 3.3 | 11,100 | 1090 | .79 | .97 | 1.00 |
| | 235 | 500 | 3.9 | 13,200 | 830 | .82 | .98 | 1.00 | 3.7 | 12,700 | 920 | .83 | 1.00 | 1.00 | 3.6 | 12,200 | 1010 | .85 | 1.00 | 1.00 | 3.4 | 11,700 | 1110 | .88 | 1.00 | 1.00 |
| 67°F (19.4°C) | 140 | 300 | 3.8 | 12,800 | 820 | .54 | .66 | .77 | 3.6 | 12,300 | 910 | .55 | .67 | .79 | 3.5 | 11,800 | 1000 | .55 | .68 | .80 | 3.3 | 11,300 | 1090 | .56 | .69 | .82 |
| | 190 | 400 | 3.9 | 13,400 | 840 | .58 | .72 | .87 | 3.8 | 12,900 | 930 | .59 | .74 | .89 | 3.6 | 12,400 | 1020 | .59 | .75 | .91 | 3.5 | 11,800 | 1110 | .60 | .77 | .93 |
| | 235 | 500 | 4.1 | 13,900 | 850 | .62 | .79 | .96 | 3.9 | 13,300 | 940 | .63 | .81 | .98 | 3.7 | 12,700 | 1030 | .64 | .83 | .99 | 3.5 | 12,100 | 1120 | .65 | .85 | 1.00 |
| 71°F (21.7°C) | 140 | 300 | 4.0 | 13,700 | 850 | .42 | .52 | .63 | 3.9 | 13,200 | 930 | .42 | .53 | .64 | 3.7 | 12,600 | 1020 | .42 | .54 | .65 | 3.5 | 12,100 | 1120 | .42 | .54 | .66 |
| | 190 | 400 | 4.2 | 14,300 | 860 | .43 | .56 | .70 | 4.0 | 13,800 | 950 | .43 | .57 | .71 | 3.9 | 13,200 | 1040 | .43 | .58 | .73 | 3.7 | 12,600 | 1140 | .44 | .59 | .75 |
| | 235 | 500 | 4.3 | 14,700 | 870 | .44 | .61 | .77 | 4.1 | 14,100 | 960 | .45 | .62 | .79 | 4.0 | 13,500 | 1050 | .45 | .63 | .81 | 3.8 | 12,900 | 1150 | .46 | .64 | .83 |

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS29-018 — C23-21 COOLING CAPACITY TXV & RFC

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-----------|---------------------|-------------------------------|------|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | |
| 63°F (17°C) | 400 | 190 | 16.9 | 5.0 | 1.16 | .68 | .79 | .91 | 16.1 | 4.7 | 1.26 | .69 | .81 | .93 | 15.3 | 4.5 | 1.35 | .70 | .83 | .95 | 14.4 | 4.2 | 1.44 | .72 | .85 | .97 |
| | 600 | 285 | 18.2 | 5.3 | 1.19 | .75 | .90 | .99 | 17.4 | 5.1 | 1.29 | .77 | .91 | 1.00 | 16.5 | 4.8 | 1.39 | .79 | .94 | 1.00 | 15.6 | 4.6 | 1.49 | .81 | .96 | 1.00 |
| | 800 | 380 | 19.2 | 5.6 | 1.21 | .82 | .97 | 1.00 | 18.3 | 5.4 | 1.32 | .84 | .99 | 1.00 | 17.4 | 5.1 | 1.42 | .87 | 1.00 | 1.00 | 16.6 | 4.9 | 1.52 | .89 | 1.00 | 1.00 |
| 67°F (19°C) | 400 | 190 | 18.2 | 5.3 | 1.19 | .54 | .65 | .76 | 17.3 | 5.1 | 1.29 | .55 | .66 | .77 | 16.4 | 4.8 | 1.39 | .55 | .68 | .79 | 15.5 | 4.5 | 1.48 | .56 | .69 | .81 |
| | 600 | 285 | 19.4 | 5.7 | 1.22 | .58 | .73 | .86 | 18.5 | 5.4 | 1.32 | .59 | .74 | .88 | 17.5 | 5.1 | 1.42 | .61 | .76 | .90 | 16.5 | 4.8 | 1.52 | .62 | .79 | .93 |
| | 800 | 380 | 20.2 | 5.9 | 1.23 | .62 | .80 | .95 | 19.2 | 5.6 | 1.34 | .64 | .82 | .96 | 18.1 | 5.3 | 1.44 | .65 | .85 | .98 | 17.1 | 5.0 | 1.54 | .67 | .87 | 1.00 |
| 71°F (22°C) | 400 | 190 | 19.5 | 5.7 | 1.22 | .42 | .52 | .62 | 18.6 | 5.5 | 1.32 | .42 | .53 | .63 | 17.7 | 5.2 | 1.43 | .42 | .53 | .64 | 16.7 | 4.9 | 1.53 | .43 | .54 | .66 |
| | 600 | 285 | 20.8 | 6.1 | 1.24 | .43 | .57 | .70 | 19.8 | 5.8 | 1.35 | .43 | .58 | .72 | 18.8 | 5.5 | 1.46 | .44 | .59 | .73 | 17.7 | 5.2 | 1.56 | .44 | .60 | .76 |
| | 800 | 380 | 21.5 | 6.3 | 1.25 | .45 | .61 | .78 | 20.5 | 6.0 | 1.36 | .45 | .62 | .80 | 19.4 | 5.7 | 1.47 | .46 | .64 | .82 | 18.3 | 5.4 | 1.58 | .46 | .66 | .85 |

HS29-018 — C26-21 TXV Only — CR26-21 TXV & RFC

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Condenser Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|------------------------------|-------------------------------|-----------|-----------|------------------------|-----------|------------------------------|-------------------------------|-----------|-----------|------------------------|-----------|------------------------------|-------------------------------|-----------|-----------|------------------------|-----------|------------------------------|-------------------------------|------|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | |
| | | | kW | Btuh | | Dry Bulb | | | kW | Btuh | | Dry Bulb | | | kW | Btuh | | Dry Bulb | | | kW | Btuh | | Dry Bulb | | |
| L/s | cfm | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | |
| 63°F (17.2°C) | 235 | 500 | 5.6 | 19,000 | 1210 | .70 | .84 | .96 | 5.3 | 18,000 | 1310 | .71 | .86 | .99 | 5.0 | 17,000 | 1420 | .73 | .89 | 1.00 | 4.7 | 16,100 | 1510 | .75 | .91 | 1.00 |
| | 285 | 600 | 5.7 | 19,600 | 1230 | .74 | .89 | 1.00 | 5.5 | 18,600 | 1330 | .76 | .92 | 1.00 | 5.2 | 17,600 | 1430 | .78 | .95 | 1.00 | 4.9 | 16,600 | 1530 | .80 | .97 | 1.00 |
| | 330 | 700 | 5.9 | 20,200 | 1230 | .78 | .95 | 1.00 | 5.6 | 19,200 | 1340 | .80 | .97 | 1.00 | 5.3 | 18,200 | 1450 | .83 | .99 | 1.00 | 5.0 | 17,200 | 1550 | .86 | 1.00 | 1.00 |
| 67°F (19.4°C) | 235 | 500 | 5.9 | 20,300 | 1240 | .55 | .67 | .80 | 5.7 | 19,300 | 1340 | .55 | .69 | .82 | 5.3 | 18,200 | 1450 | .56 | .70 | .85 | 5.0 | 17,200 | 1550 | .58 | .72 | .87 |
| | 285 | 600 | 6.1 | 20,900 | 1250 | .57 | .71 | .86 | 5.8 | 19,800 | 1360 | .58 | .73 | .88 | 5.5 | 18,700 | 1460 | .59 | .75 | .91 | 5.2 | 17,600 | 1570 | .60 | .78 | .94 |
| | 330 | 700 | 6.3 | 21,400 | 1250 | .59 | .75 | .91 | 5.9 | 20,300 | 1370 | .60 | .77 | .94 | 5.6 | 19,100 | 1470 | .62 | .80 | .96 | 5.3 | 18,000 | 1580 | .63 | .83 | .99 |
| 71°F (21.7°C) | 235 | 500 | 6.4 | 21,800 | 1260 | .41 | .53 | .64 | 6.1 | 20,700 | 1380 | .41 | .54 | .66 | 5.7 | 19,600 | 1490 | .42 | .55 | .68 | 5.4 | 18,500 | 1600 | .42 | .56 | .70 |
| | 285 | 600 | 6.6 | 22,400 | 1270 | .42 | .55 | .68 | 6.2 | 21,300 | 1390 | .42 | .56 | .70 | 5.9 | 20,100 | 1500 | .43 | .58 | .72 | 5.5 | 18,900 | 1610 | .43 | .59 | .75 |
| | 330 | 700 | 6.7 | 22,900 | 1280 | .43 | .58 | .73 | 6.4 | 21,700 | 1390 | .43 | .59 | .75 | 6.0 | 20,500 | 1510 | .44 | .60 | .77 | 5.7 | 19,300 | 1620 | .44 | .62 | .80 |

HS29-018 — C23-26 TXV & RFC

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Condenser Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|------------------------------|-------------------------------|-----------|-----------|------------------------|-----------|------------------------------|-------------------------------|-----------|-----------|------------------------|-----------|------------------------------|-------------------------------|-----------|-----------|------------------------|-----------|------------------------------|-------------------------------|------|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | |
| | | | kW | Btuh | | Dry Bulb | | | kW | Btuh | | Dry Bulb | | | kW | Btuh | | Dry Bulb | | | kW | Btuh | | Dry Bulb | | |
| L/s | cfm | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | |
| 63°F (17.2°C) | 235 | 500 | 5.5 | 18,800 | 1210 | .70 | .84 | .96 | 5.2 | 17,900 | 1310 | .71 | .86 | .98 | 5.0 | 16,900 | 1410 | .73 | .88 | 1.00 | 4.7 | 15,900 | 1510 | .75 | .91 | 1.00 |
| | 285 | 600 | 5.7 | 19,500 | 1220 | .73 | .89 | 1.00 | 5.4 | 18,500 | 1330 | .75 | .92 | 1.00 | 5.1 | 17,500 | 1430 | .78 | .94 | 1.00 | 4.8 | 16,500 | 1530 | .80 | .97 | 1.00 |
| | 330 | 700 | 5.9 | 20,000 | 1230 | .77 | .94 | 1.00 | 5.6 | 19,000 | 1340 | .80 | .96 | 1.00 | 5.3 | 18,000 | 1440 | .82 | .99 | 1.00 | 5.0 | 17,100 | 1550 | .85 | 1.00 | 1.00 |
| 67°F (19.4°C) | 235 | 500 | 5.9 | 20,200 | 1230 | .55 | .67 | .80 | 5.6 | 19,200 | 1340 | .55 | .68 | .82 | 5.3 | 18,100 | 1450 | .56 | .70 | .84 | 5.0 | 17,100 | 1550 | .57 | .72 | .87 |
| | 285 | 600 | 6.1 | 20,800 | 1240 | .57 | .71 | .85 | 5.8 | 19,700 | 1350 | .58 | .72 | .88 | 5.5 | 18,600 | 1460 | .59 | .75 | .91 | 5.1 | 17,500 | 1560 | .60 | .77 | .94 |
| | 330 | 700 | 6.2 | 21,200 | 1250 | .59 | .75 | .91 | 5.9 | 20,100 | 1360 | .60 | .77 | .93 | 5.6 | 19,000 | 1470 | .61 | .80 | .96 | 5.2 | 17,900 | 1580 | .63 | .82 | .98 |
| 71°F (21.7°C) | 235 | 500 | 6.4 | 21,700 | 1260 | .41 | .53 | .64 | 6.0 | 20,600 | 1370 | .41 | .53 | .66 | 5.7 | 19,500 | 1480 | .42 | .54 | .67 | 5.4 | 18,400 | 1590 | .42 | .56 | .69 |
| | 285 | 600 | 6.5 | 22,300 | 1270 | .42 | .55 | .68 | 6.2 | 21,100 | 1380 | .42 | .56 | .70 | 5.9 | 20,000 | 1500 | .43 | .57 | .72 | 5.5 | 18,800 | 1610 | .43 | .59 | .74 |
| | 330 | 700 | 6.7 | 22,700 | 1270 | .43 | .57 | .72 | 6.3 | 21,600 | 1390 | .43 | .59 | .74 | 5.9 | 20,300 | 1510 | .44 | .60 | .77 | 5.6 | 19,100 | 1620 | .44 | .62 | .80 |

HS29-018 — C26-26

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Condenser Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|------------------------------|-------------------------------|-----------|-----------|------------------------|-----------|------------------------------|-------------------------------|-----------|-----------|------------------------|-----------|------------------------------|-------------------------------|-----------|-----------|------------------------|-----------|------------------------------|-------------------------------|------|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | |
| | | | kW | Btuh | | Dry Bulb | | | kW | Btuh | | Dry Bulb | | | kW | Btuh | | Dry Bulb | | | kW | Btuh | | Dry Bulb | | |
| L/s | cfm | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | |
| 63°F (17.2°C) | 235 | 500 | 5.7 | 19,500 | 1230 | .69 | .83 | .96 | 5.4 | 18,400 | 1330 | .71 | .86 | .99 | 5.1 | 17,400 | 1430 | .73 | .88 | 1.00 | 4.8 | 16,400 | 1530 | .75 | .91 | 1.00 |
| | 285 | 600 | 5.9 | 20,100 | 1240 | .73 | .89 | 1.00 | 5.6 | 19,100 | 1350 | .75 | .92 | 1.00 | 5.3 | 18,100 | 1450 | .78 | .95 | 1.00 | 5.0 | 17,000 | 1550 | .80 | .97 | 1.00 |
| | 330 | 700 | 6.1 | 20,700 | 1250 | .78 | .94 | 1.00 | 5.8 | 19,700 | 1360 | .80 | .97 | 1.00 | 5.5 | 18,600 | 1470 | .82 | .99 | 1.00 | 5.2 | 17,600 | 1570 | .85 | 1.00 | 1.00 |
| 67°F (19.4°C) | 235 | 500 | 6.1 | 20,900 | 1250 | .54 | .67 | .79 | 5.8 | 19,800 | 1360 | .55 | .68 | .82 | 5.5 | 18,700 | 1470 | .56 | .70 | .84 | 5.2 | 17,600 | 1570 | .57 | .72 | .87 |
| | 285 | 600 | 6.3 | 21,500 | 1260 | .57 | .71 | .85 | 6.0 | 20,400 | 1370 | .58 | .72 | .88 | 5.6 | 19,200 | 1480 | .59 | .75 | .91 | 5.3 | 18,100 | 1590 | .60 | .77 | .94 |
| | 330 | 700 | 6.4 | 22,000 | 1270 | .59 | .75 | .91 | 6.1 | 20,800 | 1380 | .60 | .77 | .94 | 5.8 | 19,700 | 1490 | .62 | .80 | .96 | 5.4 | 18,500 | 1600 | .63 | .83 | .99 |
| 71°F (21.7°C) | 235 | 500 | 6.6 | 22,400 | 1270 | .41 | .53 | .64 | 6.2 | 21,300 | 1390 | .41 | .53 | .65 | 5.9 | 20,100 | 1500 | .42 | .54 | .67 | 5.5 | 18,900 | 1620 | .42 | .56 | .69 |
| | 285 | 600 | 6.8 | 23,100 | 1280 | .42 | .55 | .68 | 6.4 | 21,900 | 1400 | .42 | .56 | .70 | 6.1 | 20,700 | 1520 | .43 | .57 | .72 | 5.7 | 19,400 | 1630 | .43 | .59 | .74 |
| | 330 | 700 | 6.9 | 23,600 | 1290 | .43 | .57 | .72 | 6.5 | 22,300 | 1410 | .43 | .59 | .74 | 6.2 | | | | | | | | | | | |

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS29-018 — CH23-21 TXV & RFC

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Condenser Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----|---|--------|------------------------------|--|-----------|-------------|------------------------|--------|------------------------------|--|--------------|-----------|------------------------|--------|------------------------------|--|-----------|-----------|------------------------|--------|------------------------------|--|-----------|-----------|
| | | | 85°F (29°C) | | | | | 95°F (35°C) | | | | | 105°F (41°C) | | | | | 115°F (46°C) | | | | | | | | |
| | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) Dry Bulb | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) Dry Bulb | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) Dry Bulb | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) Dry Bulb | | |
| | | | | | | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | 75°F 24°C | 80°F 27°C | 85°F 29°C |
| L/s | cfm | kW | Btuh | | | | kW | Btuh | | | | kW | Btuh | | | | kW | Btuh | | | | kW | Btuh | | | |
| 63°F (17.2°C) | 235 | 500 | 5.3 | 18,200 | 1220 | .69 | .83 | .96 | 5.1 | 17,300 | 1320 | .71 | .86 | .98 | 4.8 | 16,400 | 1420 | .73 | .88 | 1.00 | 4.5 | 15,400 | 1520 | .75 | .91 | 1.00 |
| | 285 | 600 | 5.5 | 18,900 | 1230 | .73 | .89 | 1.00 | 5.2 | 17,900 | 1330 | .75 | .92 | 1.00 | 5.0 | 16,900 | 1440 | .78 | .94 | 1.00 | 4.7 | 16,000 | 1540 | .80 | .97 | 1.00 |
| | 330 | 700 | 5.7 | 19,400 | 1240 | .77 | .94 | 1.00 | 5.4 | 18,400 | 1340 | .80 | .97 | 1.00 | 5.1 | 17,500 | 1450 | .82 | .99 | 1.00 | 4.8 | 16,500 | 1560 | .85 | 1.00 | 1.00 |
| 67°F (19.4°C) | 235 | 500 | 5.7 | 19,600 | 1240 | .55 | .67 | .80 | 5.5 | 18,600 | 1350 | .55 | .68 | .82 | 5.1 | 17,500 | 1450 | .56 | .70 | .84 | 4.8 | 16,500 | 1560 | .57 | .72 | .87 |
| | 285 | 600 | 5.9 | 20,100 | 1250 | .57 | .71 | .85 | 5.6 | 19,100 | 1360 | .58 | .72 | .88 | 5.3 | 18,000 | 1470 | .59 | .75 | .91 | 5.0 | 17,000 | 1570 | .60 | .77 | .94 |
| | 330 | 700 | 6.0 | 20,600 | 1260 | .59 | .75 | .91 | 5.7 | 19,500 | 1370 | .60 | .77 | .93 | 5.4 | 18,400 | 1480 | .62 | .80 | .96 | 5.1 | 17,300 | 1580 | .63 | .82 | .99 |
| 71°F (21.7°C) | 235 | 500 | 6.2 | 21,000 | 1260 | .41 | .53 | .64 | 5.8 | 19,900 | 1380 | .41 | .53 | .66 | 5.5 | 18,900 | 1490 | .42 | .54 | .67 | 5.2 | 17,800 | 1600 | .42 | .56 | .69 |
| | 285 | 600 | 6.3 | 21,600 | 1270 | .42 | .55 | .68 | 6.0 | 20,500 | 1390 | .42 | .56 | .70 | 5.7 | 19,400 | 1500 | .43 | .57 | .72 | 5.3 | 18,200 | 1610 | .43 | .59 | .74 |
| | 330 | 700 | 6.4 | 22,000 | 1280 | .43 | .57 | .72 | 6.1 | 20,900 | 1400 | .43 | .59 | .74 | 5.8 | 19,700 | 1510 | .44 | .60 | .77 | 5.4 | 18,500 | 1630 | .44 | .62 | .80 |

HS29-018 — CB29M-21/26

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Condenser Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----|---|--------|------------------------------|--|-----------|-------------|------------------------|--------|------------------------------|--|--------------|-----------|------------------------|--------|------------------------------|--|-----------|-----------|------------------------|--------|------------------------------|--|-----------|-----------|
| | | | 85°F (29°C) | | | | | 95°F (35°C) | | | | | 105°F (41°C) | | | | | 115°F (46°C) | | | | | | | | |
| | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) Dry Bulb | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) Dry Bulb | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) Dry Bulb | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) Dry Bulb | | |
| | | | | | | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | 75°F 24°C | 80°F 27°C | 85°F 29°C |
| L/s | cfm | kW | Btuh | | | | kW | Btuh | | | | kW | Btuh | | | | kW | Btuh | | | | kW | Btuh | | | |
| 63°F (17.2°C) | 190 | 400 | 5.4 | 18,500 | 1200 | .68 | .80 | .91 | 5.2 | 17,600 | 1290 | .69 | .81 | .93 | 4.9 | 16,700 | 1390 | .70 | .83 | .95 | 4.6 | 15,700 | 1480 | .72 | .86 | .97 |
| | 285 | 600 | 5.9 | 20,100 | 1230 | .76 | .90 | 1.00 | 5.6 | 19,100 | 1330 | .77 | .92 | 1.00 | 5.3 | 18,000 | 1430 | .79 | .95 | 1.00 | 5.0 | 17,000 | 1530 | .82 | .97 | 1.00 |
| | 375 | 800 | 6.2 | 21,200 | 1240 | .83 | .98 | 1.00 | 5.9 | 20,100 | 1350 | .85 | 1.00 | 1.00 | 5.6 | 19,200 | 1460 | .88 | 1.00 | 1.00 | 5.3 | 18,200 | 1570 | .91 | 1.00 | 1.00 |
| 67°F (19.4°C) | 190 | 400 | 5.8 | 19,900 | 1220 | .54 | .65 | .76 | 5.6 | 19,000 | 1330 | .55 | .66 | .78 | 5.3 | 18,000 | 1430 | .56 | .68 | .80 | 5.0 | 16,900 | 1530 | .56 | .69 | .82 |
| | 285 | 600 | 6.3 | 21,400 | 1250 | .58 | .73 | .87 | 5.9 | 20,300 | 1360 | .59 | .75 | .89 | 5.6 | 19,200 | 1460 | .61 | .77 | .92 | 5.3 | 18,100 | 1570 | .62 | .79 | .94 |
| | 375 | 800 | 6.5 | 22,300 | 1260 | .63 | .81 | .96 | 6.2 | 21,100 | 1370 | .64 | .83 | .98 | 5.8 | 19,900 | 1480 | .66 | .86 | .99 | 5.5 | 18,700 | 1590 | .68 | .88 | 1.00 |
| 71°F (21.7°C) | 190 | 400 | 6.3 | 21,500 | 1250 | .42 | .52 | .62 | 6.0 | 20,400 | 1360 | .42 | .53 | .63 | 5.7 | 19,300 | 1470 | .42 | .53 | .65 | 5.4 | 18,300 | 1570 | .42 | .54 | .66 |
| | 285 | 600 | 6.7 | 23,000 | 1270 | .43 | .57 | .70 | 6.4 | 21,800 | 1390 | .43 | .58 | .72 | 6.0 | 20,600 | 1500 | .44 | .59 | .74 | 5.7 | 19,400 | 1610 | .44 | .61 | .77 |
| | 375 | 800 | 7.0 | 23,800 | 1280 | .45 | .62 | .78 | 6.6 | 22,500 | 1400 | .45 | .63 | .81 | 6.2 | 21,300 | 1520 | .46 | .65 | .83 | 5.9 | 20,000 | 1630 | .47 | .67 | .86 |

HS29-018 — CB30M-21/26 - CB30U-21/26

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Condenser Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----|---|--------|------------------------------|--|-----------|-------------|------------------------|--------|------------------------------|--|--------------|-----------|------------------------|--------|------------------------------|--|-----------|-----------|------------------------|--------|------------------------------|--|-----------|-----------|
| | | | 85°F (29°C) | | | | | 95°F (35°C) | | | | | 105°F (41°C) | | | | | 115°F (46°C) | | | | | | | | |
| | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) Dry Bulb | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) Dry Bulb | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) Dry Bulb | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) Dry Bulb | | |
| | | | | | | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | 75°F 24°C | 80°F 27°C | 85°F 29°C |
| L/s | cfm | kW | Btuh | | | | kW | Btuh | | | | kW | Btuh | | | | kW | Btuh | | | | kW | Btuh | | | |
| 63°F (17.2°C) | 190 | 400 | 5.4 | 18,400 | 1210 | .68 | .79 | .90 | 5.1 | 17,500 | 1310 | .69 | .81 | .92 | 4.8 | 16,500 | 1410 | .70 | .83 | .95 | 4.5 | 15,500 | 1500 | .72 | .85 | .97 |
| | 285 | 600 | 5.9 | 20,100 | 1240 | .75 | .90 | 1.00 | 5.6 | 19,000 | 1340 | .77 | .92 | 1.00 | 5.3 | 18,000 | 1450 | .79 | .95 | 1.00 | 5.0 | 16,900 | 1550 | .82 | .98 | 1.00 |
| | 375 | 800 | 6.2 | 21,200 | 1250 | .83 | .99 | 1.00 | 5.9 | 20,200 | 1370 | .85 | 1.00 | 1.00 | 5.6 | 19,200 | 1480 | .88 | 1.00 | 1.00 | 5.3 | 18,200 | 1600 | .91 | 1.00 | 1.00 |
| 67°F (19.4°C) | 190 | 400 | 5.8 | 19,900 | 1230 | .54 | .65 | .75 | 5.5 | 18,900 | 1340 | .55 | .66 | .77 | 5.2 | 17,800 | 1450 | .55 | .67 | .79 | 4.9 | 16,800 | 1550 | .56 | .69 | .81 |
| | 285 | 600 | 6.3 | 21,500 | 1260 | .58 | .72 | .86 | 6.0 | 20,400 | 1370 | .59 | .74 | .89 | 5.6 | 19,200 | 1480 | .60 | .76 | .91 | 5.3 | 18,000 | 1590 | .62 | .79 | .94 |
| | 375 | 800 | 6.6 | 22,400 | 1270 | .63 | .81 | .96 | 6.2 | 21,200 | 1390 | .64 | .83 | .98 | 5.9 | 20,000 | 1500 | .66 | .86 | 1.00 | 5.5 | 18,700 | 1610 | .68 | .89 | 1.00 |
| 71°F (21.7°C) | 190 | 400 | 6.3 | 21,400 | 1260 | .42 | .52 | .62 | 6.0 | 20,400 | 1370 | .42 | .52 | .63 | 5.7 | 19,300 | 1480 | .42 | .53 | .64 | 5.3 | 18,200 | 1590 | .42 | .54 | .66 |
| | 285 | 600 | 6.8 | 23,100 | 1280 | .43 | .56 | .70 | 6.4 | 21,900 | 1400 | .43 | .58 | .72 | 6.1 | 20,700 | 1520 | .44 | .59 | .74 | 5.7 | 19,400 | 1630 | .44 | .60 | .76 |
| | 375 | 800 | 7.0 | 24,000 | 1290 | .45 | .62 | .78 | 6.7 | 22,700 | 1410 | .45 | .63 | .80 | 6.3 | 21,400 | 1530 | .46 | .65 | .83 | 5.9 | 20,100 | 1650 | .47 | .67 | .86 |

HS29-018 — CVP10-26/EC1003

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Condenser Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----|---|--------|------------------------------|--|-----------|-------------|------------------------|--------|------------------------------|--|--------------|-----------|------------------------|--------|------------------------------|--|-----------|-----------|------------------------|--------|------------------------------|--|-----------|-----------|
| | | | 85°F (29°C) | | | | | 95°F (35°C) | | | | | 105°F (41°C) | | | | | 115°F (46°C) | | | | | | | | |
| | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) Dry Bulb | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) Dry Bulb | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) Dry Bulb | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) Dry Bulb | | |
| | | | | | | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | 75°F 24°C | 80°F 27°C | 85°F 29°C |
| L/s | cfm | kW | Btuh | | | | kW | Btuh | | | | kW | Btuh | | | | kW | Btuh | | | | kW | Btuh | | | |
| 63°F (17.2°C) | 235 | 500 | 5.5 | 18,800 | 1230 | .69 | .83 | .96 | 5.2 | 17,800 | 1330 | .70 | .85 | .98 | 4.9 | 16,800 | 1430 | .72 | .88 | 1.00 | 4.6 | 15,800 | 1530 | .74 | .91 | 1.00 |
| | 285 | 600 | 5.7 | 19,500 | 1240 | .73 | .89 | 1.00 | 5.4 | 18,500 | 1350 | .75 | .91 | 1.00 | 5.1 | 17,400 | 1450 | .77 | .94 | 1.00 | 4.8 | 16,400 | 1550 | .80 | .97 | 1.00 |
| | 330 | 700 | 5.9 | 20,000 | 1250 | .77 | .94 | 1.00 | 5.6 | 19,000 | 1360 | .79 | .96 | 1.00 | 5.3 | 18,000 | 1470 | .82 | .99 | 1.00 | 5.0 | 17,000 | 1580 | .85 | 1.00 | 1.00 |
| 67°F (19.4°C) | 235 | 500 | 5.9 | 20,200 | 1250 | .54 | .66 | .79 | 5.6 | 19,100 | 1360 | .55 | .68 | .81 | 5.3 | 18,100 | 1470 | .56 | .69 | .84 | 5.0 | 17,000 | 1570 | .57 | .71 | .86 |
| | 285 | 600 | 6.1 | 20,800 | 1260 | .56 | .70 | .85 | 5.8 | 19,700 | 1370 | .57 | .72 | .87 | 5.5 | 18,600 | 1480 | .58 | .74 | .90 | 5.1 | 17,500 | 1590 | .60 | .77 | .93 |
| | 330 | 700 | 6.2 | 21,300 | 1270 | .59 | .74 | .90 | 5.9 | 20,200 | 1380 | .60 | .76 | .93 | 5.6 | 19,000 | 1500 | .61 | .79 | .96 | 5.2 | 17,900 | 1600 | .63 | .82 | .99 |
| 71°F (21.7°C) | 235 | 500 | 6.4 | 21,700 | 1280 | .41 | .52 | .64 | 6.0 | 20,600 | 1390 | .41 | .53 | .65 | 5.7 | 19,500 | 1510 | .42 | .54 | .67 | 5.4 | 18,300 | 1620 | .42 | .55 | .69 |
| | 285 | 600 | 6.6 | 22,400 | 1280 | .42 | .55 | .68 | 6.2 | 21,200 | 1400 | .42 | .56 | .69 | 5.9 | 20,000 | 1520 | .42 | .57 | .71 | 5.5 | 18,800 | 1640 | .43 | .58 | .74 |
| | 330 | 700 | 6.7 | 22,900 | 1290 | .43 | .57 | .71 | 6.4 | 21,700 | 1410 | .43 | .58 | .74 | 6.0 | 20,400 | 1530 | .44 | .60 | .76 | 5.6 | 19,200 | 1650 | .44 | | |

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS29-024 — C23-21 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-----------|---------------------|-------------------------------|-----|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | |
| 63°F (17°C) | 600 | 285 | 22.6 | 6.6 | 1.71 | .71 | .84 | .95 | 21.5 | 6.3 | 1.84 | .72 | .86 | .97 | 20.3 | 5.9 | 1.97 | .74 | .88 | .98 | 19.2 | 5.6 | 2.09 | .76 | .90 | 1.00 |
| | 700 | 330 | 23.2 | 6.8 | 1.73 | .74 | .88 | .98 | 22.1 | 6.5 | 1.86 | .75 | .90 | 1.00 | 20.9 | 6.1 | 1.99 | .77 | .92 | 1.00 | 19.7 | 5.8 | 2.11 | .79 | .94 | 1.00 |
| | 800 | 380 | 23.7 | 6.9 | 1.74 | .76 | .91 | 1.00 | 22.6 | 6.6 | 1.88 | .78 | .93 | 1.00 | 21.4 | 6.3 | 2.01 | .81 | .95 | 1.00 | 20.2 | 5.9 | 2.14 | .83 | .98 | 1.00 |
| 67°F (19°C) | 600 | 285 | 24.2 | 7.1 | 1.75 | .56 | .68 | .80 | 23.0 | 6.7 | 1.89 | .57 | .69 | .82 | 21.7 | 6.4 | 2.02 | .57 | .71 | .84 | 20.5 | 6.0 | 2.15 | .59 | .73 | .87 |
| | 700 | 330 | 24.8 | 7.3 | 1.77 | .57 | .71 | .84 | 23.5 | 6.9 | 1.91 | .58 | .73 | .86 | 22.2 | 6.5 | 2.04 | .59 | .75 | .88 | 20.9 | 6.1 | 2.17 | .61 | .77 | .91 |
| | 800 | 380 | 25.2 | 7.4 | 1.78 | .59 | .74 | .88 | 23.9 | 7.0 | 1.92 | .60 | .76 | .90 | 22.6 | 6.6 | 2.06 | .62 | .78 | .93 | 21.3 | 6.2 | 2.18 | .63 | .80 | .95 |
| 71°F (22°C) | 600 | 285 | 25.9 | 7.6 | 1.79 | .42 | .54 | .65 | 24.6 | 7.2 | 1.94 | .43 | .54 | .67 | 23.3 | 6.8 | 2.08 | .43 | .56 | .68 | 22.0 | 6.4 | 2.21 | .43 | .57 | .70 |
| | 700 | 330 | 26.5 | 7.8 | 1.81 | .43 | .55 | .68 | 25.2 | 7.4 | 1.96 | .43 | .56 | .70 | 23.8 | 7.0 | 2.10 | .43 | .58 | .72 | 22.5 | 6.6 | 2.23 | .44 | .59 | .74 |
| | 800 | 380 | 26.9 | 7.9 | 1.82 | .43 | .58 | .71 | 25.6 | 7.5 | 1.97 | .44 | .59 | .73 | 24.2 | 7.1 | 2.11 | .44 | .60 | .76 | 22.8 | 6.7 | 2.25 | .45 | .61 | .78 |

HS29-024 — C26-21

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Condenser Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|------------------------------|-------------------------------|-----------|-----------|------------------------|-----------|------------------------------|-------------------------------|-----------|-----------|------------------------|-----------|------------------------------|-------------------------------|-----------|-----------|------------------------|-----------|------------------------------|-------------------------------|------|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | |
| | | | kW | Btuh | | Dry Bulb | | | kW | Btuh | | Dry Bulb | | | kW | Btuh | | Dry Bulb | | | kW | Btuh | | Dry Bulb | | |
| L/s | cfm | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | |
| 63°F (17.2°C) | 305 | 650 | 6.9 | 23,700 | 1780 | .68 | .82 | .96 | 6.6 | 22,400 | 1900 | .70 | .85 | .98 | 6.2 | 21,100 | 2020 | .71 | .88 | 1.00 | 5.8 | 19,800 | 2120 | .74 | .91 | 1.00 |
| | 375 | 800 | 7.2 | 24,600 | 1810 | .72 | .89 | 1.00 | 6.8 | 23,300 | 1930 | .75 | .92 | 1.00 | 6.4 | 22,000 | 2050 | .77 | .95 | 1.00 | 6.0 | 20,600 | 2160 | .80 | .98 | 1.00 |
| | 450 | 950 | 7.4 | 25,300 | 1830 | .77 | .95 | 1.00 | 7.0 | 24,000 | 1960 | .80 | .97 | 1.00 | 6.7 | 22,700 | 2080 | .83 | .99 | 1.00 | 6.3 | 21,400 | 2200 | .86 | 1.00 | 1.00 |
| 67°F (19.4°C) | 305 | 650 | 7.4 | 25,300 | 1830 | .53 | .66 | .78 | 7.0 | 24,000 | 1950 | .54 | .67 | .81 | 6.6 | 22,600 | 2080 | .55 | .69 | .84 | 6.2 | 21,100 | 2190 | .56 | .71 | .87 |
| | 375 | 800 | 7.6 | 26,100 | 1850 | .56 | .70 | .85 | 7.2 | 24,700 | 1980 | .57 | .72 | .88 | 6.8 | 23,200 | 2100 | .58 | .74 | .91 | 6.4 | 21,700 | 2220 | .60 | .77 | .94 |
| | 450 | 950 | 7.8 | 26,700 | 1860 | .58 | .75 | .91 | 7.4 | 25,300 | 2000 | .60 | .77 | .94 | 6.9 | 23,700 | 2120 | .61 | .80 | .97 | 6.5 | 22,200 | 2240 | .63 | .83 | .99 |
| 71°F (21.7°C) | 305 | 650 | 7.9 | 27,100 | 1870 | .40 | .52 | .63 | 7.5 | 25,700 | 2010 | .41 | .52 | .64 | 7.1 | 24,200 | 2140 | .41 | .54 | .66 | 6.7 | 22,700 | 2260 | .41 | .55 | .68 |
| | 375 | 800 | 8.2 | 28,000 | 1890 | .41 | .54 | .67 | 7.8 | 26,500 | 2030 | .41 | .55 | .69 | 7.3 | 24,900 | 2170 | .42 | .57 | .71 | 6.8 | 23,300 | 2290 | .43 | .58 | .74 |
| | 450 | 950 | 8.4 | 28,500 | 1910 | .42 | .57 | .72 | 7.9 | 27,000 | 2050 | .43 | .58 | .74 | 7.4 | 25,400 | 2180 | .43 | .60 | .77 | 6.9 | 23,700 | 2310 | .44 | .62 | .81 |

HS29-024 — C23-26 TXV & RFC

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Condenser Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|------------------------------|-------------------------------|-----------|-----------|------------------------|-----------|------------------------------|-------------------------------|-----------|-----------|------------------------|-----------|------------------------------|-------------------------------|-----------|-----------|------------------------|-----------|------------------------------|-------------------------------|------|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | |
| | | | kW | Btuh | | Dry Bulb | | | kW | Btuh | | Dry Bulb | | | kW | Btuh | | Dry Bulb | | | kW | Btuh | | Dry Bulb | | |
| L/s | cfm | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | |
| 63°F (17.2°C) | 305 | 650 | 7.1 | 24,200 | 1780 | .68 | .82 | .95 | 6.7 | 22,900 | 1900 | .69 | .84 | .97 | 6.3 | 21,600 | 2010 | .71 | .87 | .99 | 5.9 | 20,200 | 2110 | .73 | .90 | 1.00 |
| | 375 | 800 | 7.4 | 25,100 | 1800 | .72 | .89 | 1.00 | 7.0 | 23,800 | 1930 | .74 | .91 | 1.00 | 6.6 | 22,400 | 2040 | .77 | .94 | 1.00 | 6.2 | 21,000 | 2150 | .80 | .97 | 1.00 |
| | 450 | 950 | 7.6 | 25,800 | 1820 | .77 | .94 | 1.00 | 7.2 | 24,500 | 1950 | .79 | .97 | 1.00 | 6.8 | 23,200 | 2070 | .82 | .99 | 1.00 | 6.4 | 21,800 | 2190 | .85 | 1.00 | 1.00 |
| 67°F (19.4°C) | 305 | 650 | 7.6 | 25,900 | 1820 | .53 | .65 | .78 | 7.2 | 24,500 | 1950 | .54 | .67 | .80 | 6.8 | 23,100 | 2070 | .55 | .68 | .83 | 6.3 | 21,600 | 2180 | .56 | .71 | .86 |
| | 375 | 800 | 7.8 | 26,700 | 1840 | .56 | .69 | .85 | 7.4 | 25,300 | 1970 | .57 | .71 | .87 | 7.0 | 23,800 | 2100 | .58 | .74 | .90 | 6.5 | 22,200 | 2210 | .59 | .77 | .94 |
| | 450 | 950 | 8.0 | 27,300 | 1860 | .58 | .74 | .91 | 7.6 | 25,800 | 1990 | .59 | .76 | .93 | 7.1 | 24,300 | 2120 | .61 | .79 | .96 | 6.7 | 22,700 | 2230 | .63 | .83 | .99 |
| 71°F (21.7°C) | 305 | 650 | 8.1 | 27,800 | 1870 | .40 | .52 | .63 | 7.7 | 26,300 | 2010 | .40 | .52 | .64 | 7.3 | 24,800 | 2130 | .41 | .53 | .66 | 6.8 | 23,200 | 2250 | .41 | .55 | .68 |
| | 375 | 800 | 8.4 | 28,600 | 1890 | .41 | .54 | .67 | 7.9 | 27,100 | 2030 | .41 | .55 | .69 | 7.5 | 25,500 | 2160 | .42 | .56 | .71 | 7.0 | 23,800 | 2280 | .42 | .58 | .74 |
| | 450 | 950 | 8.6 | 29,200 | 1900 | .42 | .57 | .71 | 8.1 | 27,600 | 2040 | .42 | .58 | .74 | 7.6 | 26,000 | 2180 | .43 | .60 | .77 | 7.1 | 24,300 | 2300 | .44 | .61 | .80 |

HS29-024 — C23-31 TXV & RFC

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Condenser Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|------------------------------|-------------------------------|-----------|-----------|------------------------|-----------|------------------------------|-------------------------------|-----------|-----------|------------------------|-----------|------------------------------|-------------------------------|-----------|-----------|------------------------|-----------|------------------------------|-------------------------------|------|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | |
| | | | kW | Btuh | | Dry Bulb | | | kW | Btuh | | Dry Bulb | | | kW | Btuh | | Dry Bulb | | | kW | Btuh | | Dry Bulb | | |
| L/s | cfm | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | |
| 63°F (17.2°C) | 305 | 650 | 7.1 | 24,300 | 1790 | .67 | .81 | .95 | 6.7 | 23,000 | 1910 | .69 | .84 | .97 | 6.4 | 21,700 | 2020 | .70 | .87 | .99 | 5.9 | 20,300 | 2130 | .73 | .90 | 1.00 |
| | 375 | 800 | 7.4 | 25,300 | 1810 | .71 | .88 | 1.00 | 7.0 | 23,900 | 1940 | .73 | .90 | 1.00 | 6.6 | 22,500 | 2060 | .76 | .93 | 1.00 | 6.2 | 21,100 | 2170 | .79 | .97 | 1.00 |
| | 450 | 950 | 7.6 | 26,000 | 1830 | .76 | .93 | 1.00 | 7.2 | 24,700 | 1960 | .78 | .96 | 1.00 | 6.8 | 23,300 | 2090 | .81 | .98 | 1.00 | 6.4 | 21,900 | 2200 | .85 | 1.00 | 1.00 |
| 67°F (19.4°C) | 305 | 650 | 7.6 | 26,100 | 1830 | .53 | .65 | .77 | 7.2 | 24,700 | 1960 | .54 | .66 | .80 | 6.8 | 23,300 | 2080 | .55 | .68 | .82 | 6.4 | 21,700 | 2200 | .56 | .70 | .86 |
| | 375 | 800 | 7.9 | 27,000 | 1860 | .55 | .69 | .84 | 7.5 | 25,500 | 1990 | .56 | .71 | .87 | 7.0 | 24,000 | 2110 | .57 | .73 | .90 | 6.6 | 22,400 | 2230 | .59 | .76 | .93 |
| | 450 | 950 | 8.1 | 27,600 | 1870 | .57 | .73 | .90 | 7.6 | 26,100 | 2010 | .59 | .76 | .93 | 7.2 | 24,500 | 2130 | .60 | .78 | .96 | 6.7 | 22,900 | 2250 | .62 | .82 | .99 |
| 71°F (21.7°C) | 305 | 650 | 8.2 | 28,000 | 1880 | .40 | .51 | .62 | 7.8 | 26,500 | 2020 | .40 | .52 | .63 | 7.3 | 25,000 | 2150 | .41 | .53 | .65 | 6.9 | 23,400 | 2270 | .41 | .54 | .67 |
| | 375 | 800 | 8.5 | 28,900 | 1900 | .41 | .54 | .66 | 8.0 | 27,300 | 2040 | .41 | .55 | .68 | 7.5 | 25,700 | 2180 | .42 | .56 | .70 | 7.0 | 24,000 | 2300 | .42 | .58 | .73 |
| | 450 | 950 | 8.6 | 29,500 | 1920 | .42 | .56 | .70 | 8.2 | 27,900 | 2060 | .42 | .57 | .73 | 7.7 | 26,200 | 2200 | | | | | | | | | |

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS29-024 — C26-26

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Condenser Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----|---|-----------|------------------------------|-------------------------------|-----|-------------|------------------------|-----------|------------------------------|-------------------------------|--------------|------|------------------------|-----------|------------------------------|-------------------------------|-----|------|------------------------|-----------|------------------------------|-------------------------------|------|------|
| | | | 85°F (29°C) | | | | | 95°F (35°C) | | | | | 105°F (41°C) | | | | | 115°F (46°C) | | | | | | | | |
| | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | |
| L/s | cfm | kW | Btuh | 75°F 24°C | 80°F 27°C | 85°F 29°C | kW | Btuh | Watts Input | 75°F 24°C | 80°F 27°C | 85°F 29°C | kW | Btuh | Watts Input | 75°F 24°C | 80°F 27°C | 85°F 29°C | kW | Btuh | Watts Input | 75°F 24°C | 80°F 27°C | 85°F 29°C | | |
| 63°F (17.2°C) | 305 | 650 | 7.2 | 24,700 | 1810 | .68 | .82 | .95 | 6.9 | 23,400 | 1940 | .69 | .84 | .98 | 6.4 | 22,000 | 2050 | .71 | .87 | 1.00 | 6.0 | 20,600 | 2160 | .73 | .91 | 1.00 |
| | 375 | 800 | 7.5 | 25,700 | 1840 | .72 | .88 | 1.00 | 7.1 | 24,300 | 1970 | .74 | .91 | 1.00 | 6.7 | 22,900 | 2090 | .77 | .94 | 1.00 | 6.3 | 21,400 | 2200 | .80 | .98 | 1.00 |
| | 450 | 950 | 7.8 | 26,500 | 1860 | .77 | .94 | 1.00 | 7.4 | 25,100 | 1990 | .79 | .97 | 1.00 | 6.9 | 23,700 | 2120 | .82 | .99 | 1.00 | 6.5 | 22,300 | 2240 | .86 | 1.00 | 1.00 |
| 67°F (19.4°C) | 305 | 650 | 7.8 | 26,500 | 1860 | .53 | .65 | .78 | 7.4 | 25,100 | 1990 | .54 | .67 | .80 | 6.9 | 23,600 | 2110 | .55 | .68 | .83 | 6.4 | 22,000 | 2230 | .56 | .70 | .86 |
| | 375 | 800 | 8.0 | 27,400 | 1880 | .56 | .69 | .85 | 7.6 | 25,900 | 2020 | .57 | .71 | .87 | 7.1 | 24,300 | 2140 | .58 | .74 | .91 | 6.7 | 22,700 | 2260 | .59 | .77 | .94 |
| | 450 | 950 | 8.2 | 28,100 | 1900 | .58 | .74 | .91 | 7.8 | 26,500 | 2040 | .59 | .77 | .94 | 7.3 | 24,900 | 2160 | .61 | .80 | .97 | 6.8 | 23,200 | 2280 | .63 | .83 | .99 |
| 71°F (21.7°C) | 305 | 650 | 8.4 | 28,500 | 1910 | .40 | .51 | .62 | 7.9 | 26,900 | 2050 | .40 | .52 | .64 | 7.4 | 25,300 | 2180 | .41 | .53 | .66 | 6.9 | 23,700 | 2310 | .41 | .55 | .68 |
| | 375 | 800 | 8.6 | 29,400 | 1930 | .41 | .54 | .67 | 8.1 | 27,800 | 2070 | .41 | .55 | .69 | 7.6 | 26,100 | 2210 | .42 | .56 | .71 | 7.1 | 24,300 | 2340 | .42 | .58 | .74 |
| | 450 | 950 | 8.8 | 30,000 | 1940 | .42 | .57 | .71 | 8.3 | 28,300 | 2090 | .42 | .58 | .74 | 7.8 | 26,600 | 2230 | .43 | .60 | .77 | 7.3 | 24,800 | 2360 | .44 | .62 | .80 |

HS29-024 — C26-31

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Condenser Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----|---|-----------|------------------------------|-------------------------------|-----|-------------|------------------------|-----------|------------------------------|-------------------------------|--------------|------|------------------------|-----------|------------------------------|-------------------------------|-----|------|------------------------|-----------|------------------------------|-------------------------------|------|------|
| | | | 85°F (29°C) | | | | | 95°F (35°C) | | | | | 105°F (41°C) | | | | | 115°F (46°C) | | | | | | | | |
| | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | |
| L/s | cfm | kW | Btuh | 75°F 24°C | 80°F 27°C | 85°F 29°C | kW | Btuh | Watts Input | 75°F 24°C | 80°F 27°C | 85°F 29°C | kW | Btuh | Watts Input | 75°F 24°C | 80°F 27°C | 85°F 29°C | kW | Btuh | Watts Input | 75°F 24°C | 80°F 27°C | 85°F 29°C | | |
| 63°F (17.2°C) | 305 | 650 | 7.4 | 25,400 | 1840 | .67 | .81 | .95 | 7.0 | 24,000 | 1970 | .69 | .83 | .97 | 6.6 | 22,500 | 2090 | .70 | .86 | 1.00 | 6.2 | 21,000 | 2200 | .73 | .90 | 1.00 |
| | 375 | 800 | 7.8 | 26,500 | 1870 | .71 | .88 | 1.00 | 7.3 | 25,000 | 2000 | .74 | .91 | 1.00 | 6.9 | 23,500 | 2130 | .76 | .94 | 1.00 | 6.4 | 21,900 | 2250 | .79 | .98 | 1.00 |
| | 450 | 950 | 8.0 | 27,300 | 1890 | .76 | .94 | 1.00 | 7.6 | 25,800 | 2030 | .79 | .97 | 1.00 | 7.1 | 24,300 | 2160 | .82 | .99 | 1.00 | 6.7 | 22,900 | 2290 | .85 | 1.00 | 1.00 |
| 67°F (19.4°C) | 305 | 650 | 8.0 | 27,300 | 1890 | .53 | .65 | .77 | 7.6 | 25,800 | 2030 | .54 | .66 | .79 | 7.1 | 24,200 | 2160 | .55 | .68 | .82 | 6.6 | 22,600 | 2280 | .56 | .70 | .86 |
| | 375 | 800 | 8.3 | 28,300 | 1920 | .55 | .69 | .84 | 7.8 | 26,700 | 2060 | .56 | .71 | .87 | 7.3 | 25,000 | 2190 | .58 | .73 | .90 | 6.8 | 23,300 | 2310 | .59 | .76 | .94 |
| | 450 | 950 | 8.5 | 29,100 | 1930 | .58 | .73 | .90 | 8.0 | 27,300 | 2080 | .59 | .76 | .93 | 7.5 | 25,600 | 2210 | .61 | .79 | .97 | 7.0 | 23,800 | 2340 | .62 | .83 | 1.00 |
| 71°F (21.7°C) | 305 | 650 | 8.6 | 29,400 | 1940 | .40 | .51 | .62 | 8.1 | 27,800 | 2090 | .40 | .52 | .63 | 7.6 | 26,100 | 2230 | .41 | .53 | .65 | 7.1 | 24,300 | 2360 | .41 | .54 | .67 |
| | 375 | 800 | 8.9 | 30,400 | 1970 | .41 | .54 | .66 | 8.4 | 28,700 | 2120 | .41 | .55 | .68 | 7.9 | 26,900 | 2260 | .42 | .56 | .70 | 7.3 | 25,000 | 2390 | .42 | .58 | .73 |
| | 450 | 950 | 9.1 | 31,100 | 1980 | .42 | .56 | .71 | 8.6 | 29,300 | 2140 | .42 | .58 | .73 | 8.0 | 27,400 | 2280 | .43 | .59 | .76 | 7.5 | 25,500 | 2410 | .44 | .61 | .80 |

HS29-024 — CR26-21 TXV & RFC

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Condenser Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----|---|-----------|------------------------------|-------------------------------|-----|-------------|------------------------|-----------|------------------------------|-------------------------------|--------------|------|------------------------|-----------|------------------------------|-------------------------------|-----|------|------------------------|-----------|------------------------------|-------------------------------|------|------|
| | | | 85°F (29°C) | | | | | 95°F (35°C) | | | | | 105°F (41°C) | | | | | 115°F (46°C) | | | | | | | | |
| | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | |
| L/s | cfm | kW | Btuh | 75°F 24°C | 80°F 27°C | 85°F 29°C | kW | Btuh | Watts Input | 75°F 24°C | 80°F 27°C | 85°F 29°C | kW | Btuh | Watts Input | 75°F 24°C | 80°F 27°C | 85°F 29°C | kW | Btuh | Watts Input | 75°F 24°C | 80°F 27°C | 85°F 29°C | | |
| 63°F (17.2°C) | 305 | 650 | 6.8 | 23,100 | 1770 | .67 | .81 | .94 | 6.4 | 21,900 | 1890 | .68 | .83 | .97 | 6.1 | 20,700 | 2000 | .70 | .86 | .99 | 5.7 | 19,400 | 2100 | .73 | .89 | 1.00 |
| | 375 | 800 | 7.0 | 24,000 | 1790 | .71 | .87 | .99 | 6.7 | 22,800 | 1910 | .73 | .90 | 1.00 | 6.3 | 21,500 | 2030 | .75 | .93 | 1.00 | 5.9 | 20,100 | 2140 | .78 | .96 | 1.00 |
| | 450 | 950 | 7.2 | 24,700 | 1810 | .75 | .93 | 1.00 | 6.9 | 23,400 | 1940 | .78 | .95 | 1.00 | 6.5 | 22,100 | 2060 | .80 | .98 | 1.00 | 6.1 | 20,800 | 2170 | .84 | 1.00 | 1.00 |
| 67°F (19.4°C) | 305 | 650 | 7.3 | 24,900 | 1810 | .53 | .65 | .77 | 6.9 | 23,500 | 1940 | .54 | .66 | .79 | 6.5 | 22,200 | 2060 | .55 | .68 | .82 | 6.1 | 20,800 | 2170 | .56 | .70 | .85 |
| | 375 | 800 | 7.5 | 25,700 | 1840 | .55 | .68 | .83 | 7.1 | 24,300 | 1970 | .56 | .70 | .86 | 6.7 | 22,800 | 2090 | .57 | .72 | .89 | 6.3 | 21,400 | 2200 | .59 | .75 | .92 |
| | 450 | 950 | 7.7 | 26,300 | 1850 | .57 | .72 | .89 | 7.3 | 24,800 | 1980 | .58 | .75 | .92 | 6.8 | 23,300 | 2110 | .60 | .78 | .95 | 6.4 | 21,800 | 2220 | .61 | .81 | .98 |
| 71°F (21.7°C) | 305 | 650 | 7.8 | 26,700 | 1860 | .40 | .51 | .62 | 7.4 | 25,300 | 2000 | .40 | .52 | .63 | 7.0 | 23,800 | 2120 | .41 | .53 | .65 | 6.5 | 22,300 | 2240 | .41 | .54 | .67 |
| | 375 | 800 | 8.1 | 27,500 | 1880 | .41 | .53 | .66 | 7.6 | 26,000 | 2020 | .41 | .54 | .68 | 7.2 | 24,500 | 2150 | .42 | .56 | .70 | 6.7 | 22,900 | 2270 | .42 | .57 | .72 |
| | 450 | 950 | 8.2 | 28,100 | 1900 | .42 | .56 | .70 | 7.8 | 26,600 | 2040 | .42 | .57 | .72 | 7.3 | 25,000 | 2170 | .43 | .58 | .75 | 6.9 | 23,400 | 2290 | .43 | .60 | .78 |

HS29-024 — CR26-31 TXV & RFC

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Condenser Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----|---|-----------|------------------------------|-------------------------------|-----|-------------|------------------------|-----------|------------------------------|-------------------------------|--------------|------|------------------------|-----------|------------------------------|-------------------------------|-----|------|------------------------|-----------|------------------------------|-------------------------------|------|------|
| | | | 85°F (29°C) | | | | | 95°F (35°C) | | | | | 105°F (41°C) | | | | | 115°F (46°C) | | | | | | | | |
| | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | |
| L/s | cfm | kW | Btuh | 75°F 24°C | 80°F 27°C | 85°F 29°C | kW | Btuh | Watts Input | 75°F 24°C | 80°F 27°C | 85°F 29°C | kW | Btuh | Watts Input | 75°F 24°C | 80°F 27°C | 85°F 29°C | kW | Btuh | Watts Input | 75°F 24°C | 80°F 27°C | 85°F 29°C | | |
| 63°F (17.2°C) | 305 | 650 | 7.3 | 24,800 | 1820 | .67 | .81 | .95 | 6.9 | 23,400 | 1950 | .69 | .84 | .97 | 6.4 | 22,000 | 2060 | .71 | .87 | 1.00 | 6.0 | 20,600 | 2170 | .73 | .90 | 1.00 |
| | 375 | 800 | 7.6 | 25,800 | 1850 | .72 | .88 | 1.00 | 7.2 | 24,400 | 1980 | .74 | .91 | 1.00 | 6.7 | 22,900 | 2100 | .76 | .94 | 1.00 | 6.3 | 21,500 | 2210 | .79 | .97 | 1.00 |
| | 450 | 950 | 7.8 | 26,600 | 1870 | .76 | .94 | 1.00 | 7.4 | 25,200 | 2000 | .79 | .97 | 1.00 | 6.9 | 23,700 | 2130 | .82 | .99 | 1.00 | 6.5 | 22,300 | 2250 | .85 | 1.00 | 1.00 |
| 67°F (19.4°C) | 305 | 650 | 7.8 | 26,600 | 1870 | .53 | .65 | .77 | 7.4 | 25,200 | 2000 | .54 | .66 | .80 | 6.9 | 23,600 | 2130 | .55 | .68 | .82 | 6.5 | 22,100 | 2240 | .56 | .70 | .86 |
| | 375 | 800 | 8.1 | 27,600 | 1890 | .55 | .69 | .84 | 7.6 | 26,000 | 2030 | .56 | .71 | .87 | 7.2 | 24,400 | 2160 | .58 | .73 | .90 | 6.7 | 22,700 | 2280 | .59 | .76 | .94 |
| | 450 | 950 | 8.3 | 28,200 | 1910 | .58 | .73 | .90 | 7.8 | 26,600 | 2050 | .59 | .76 | .93 | 7.3 | 25,000 | 2180 | .61 | .79 | .96 | 6.8 | 23,300 | 2300 | .62 | .83 | .99 |
| 71°F (21.7°C) | 305 | 650 | 8.4 | 28,600 | 1920 | .40 | .51 | .62 | 7.9 | 27,100 | 2060 | .40 | .52 | .64 | 7.4 | 25,400 | 2200 | .41 | .53 | .65 | 7.0 | 23,800 | 2320 | .41 | .54 | .67 |
| | 375 | 800 | 8.6 | 29,500 | 1940 | .41 | .54 | .66 | 8.2 | 27,900 | 2090 | .41 | .55 | .68 | 7.7 | 26,200 | 2220 | .42 | .56 | .70 | 7.2 | 24,400 | 2350 | .42 | .58 | .73 |
| | 450 | 950 | 8.9 | 30,200 | 1960 | .42 | .56 | .71 | 8.4 | 28,500 | 2100 | .42 | .58 | .73 | 7.8 | 26,700 | 2240 | .43 | .59 | .76 | 7.3 | 24,900 | 2370 | .44 | .61 | .80 |

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS29-024 — CH23-31 TXV & RFC

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Condenser Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----|---|--------|------------------------------|--|--------------|--------------|------------------------|--------|------------------------------|--|--------------|--------------|------------------------|--------|------------------------------|--|--------------|--------------|------------------------|--------|------------------------------|--|--------------|--------------|
| | | | 85°F (29°C) | | | | | 95°F (35°C) | | | | | 105°F (41°C) | | | | | 115°F (46°C) | | | | | | | | |
| | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) Dry Bulb | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) Dry Bulb | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) Dry Bulb | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) Dry Bulb | | |
| | | | | | | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | 75°F 24°C | 80°F 27°C | 85°F 29°C |
| L/s | cfm | kW | Btuh | | | | kW | Btuh | | | | kW | Btuh | | | | kW | Btuh | | | | kW | Btuh | | | |
| 63°F (17.2°C) | 305 | 650 | 7.0 | 24,000 | 1810 | .68 | .82 | .95 | 6.7 | 22,800 | 1930 | .69 | .84 | .97 | 6.3 | 21,400 | 2050 | .71 | .87 | 1.00 | 5.9 | 20,000 | 2150 | .73 | .90 | 1.00 |
| | 375 | 800 | 7.3 | 25,000 | 1830 | .72 | .88 | 1.00 | 6.9 | 23,700 | 1960 | .74 | .91 | 1.00 | 6.5 | 22,300 | 2080 | .76 | .94 | 1.00 | 6.1 | 20,900 | 2190 | .79 | .97 | 1.00 |
| | 450 | 950 | 7.6 | 25,800 | 1850 | .77 | .94 | 1.00 | 7.2 | 24,400 | 1990 | .79 | .97 | 1.00 | 6.8 | 23,100 | 2110 | .82 | .99 | 1.00 | 6.4 | 21,700 | 2240 | .85 | 1.00 | 1.00 |
| 67°F (19.4°C) | 305 | 650 | 7.6 | 25,800 | 1850 | .53 | .65 | .78 | 7.2 | 24,400 | 1980 | .54 | .66 | .80 | 6.7 | 22,900 | 2110 | .55 | .68 | .83 | 6.3 | 21,400 | 2220 | .56 | .70 | .86 |
| | 375 | 800 | 7.8 | 26,700 | 1880 | .55 | .69 | .84 | 7.4 | 25,200 | 2010 | .56 | .71 | .87 | 6.9 | 23,700 | 2140 | .58 | .74 | .90 | 6.5 | 22,100 | 2250 | .59 | .77 | .94 |
| | 450 | 950 | 8.0 | 27,300 | 1890 | .58 | .74 | .90 | 7.6 | 25,800 | 2030 | .59 | .76 | .93 | 7.1 | 24,200 | 2160 | .61 | .79 | .96 | 6.6 | 22,600 | 2280 | .63 | .83 | .99 |
| 71°F (21.7°C) | 305 | 650 | 8.1 | 27,700 | 1900 | .40 | .51 | .62 | 7.7 | 26,200 | 2040 | .40 | .52 | .64 | 7.2 | 24,700 | 2180 | .41 | .53 | .65 | 6.8 | 22,100 | 2300 | .41 | .54 | .68 |
| | 375 | 800 | 8.4 | 28,600 | 1920 | .41 | .54 | .67 | 7.9 | 27,000 | 2070 | .41 | .55 | .68 | 7.4 | 25,400 | 2200 | .42 | .56 | .71 | 6.9 | 23,700 | 2330 | .42 | .58 | .74 |
| | 450 | 950 | 8.6 | 29,200 | 1940 | .42 | .56 | .71 | 8.1 | 27,600 | 2090 | .42 | .58 | .74 | 7.6 | 25,900 | 2220 | .43 | .59 | .76 | 7.1 | 24,200 | 2350 | .44 | .61 | .80 |

HS29-024 — CB29M-21/26

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Condenser Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----|---|--------|------------------------------|--|--------------|--------------|------------------------|--------|------------------------------|--|--------------|--------------|------------------------|--------|------------------------------|--|--------------|--------------|------------------------|--------|------------------------------|--|--------------|--------------|
| | | | 85°F (29°C) | | | | | 95°F (35°C) | | | | | 105°F (41°C) | | | | | 115°F (46°C) | | | | | | | | |
| | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) Dry Bulb | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) Dry Bulb | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) Dry Bulb | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) Dry Bulb | | |
| | | | | | | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | 75°F 24°C | 80°F 27°C | 85°F 29°C |
| L/s | cfm | kW | Btuh | | | | kW | Btuh | | | | kW | Btuh | | | | kW | Btuh | | | | kW | Btuh | | | |
| 63°F (17.2°C) | 305 | 650 | 6.9 | 23,600 | 1760 | .72 | .85 | .96 | 6.6 | 22,400 | 1870 | .73 | .87 | .98 | 6.2 | 21,100 | 1980 | .75 | .89 | 1.00 | 5.8 | 19,800 | 2090 | .77 | .92 | 1.00 |
| | 375 | 800 | 7.2 | 24,500 | 1780 | .76 | .90 | 1.00 | 6.8 | 23,200 | 1900 | .78 | .93 | 1.00 | 6.4 | 21,900 | 2020 | .80 | .95 | 1.00 | 6.0 | 20,500 | 2130 | .82 | .98 | 1.00 |
| | 450 | 950 | 7.4 | 25,200 | 1800 | .80 | .95 | 1.00 | 7.0 | 23,900 | 1930 | .82 | .97 | 1.00 | 6.6 | 22,600 | 2050 | .85 | .99 | 1.00 | 6.2 | 21,300 | 2160 | .88 | 1.00 | 1.00 |
| 67°F (19.4°C) | 305 | 650 | 7.4 | 25,300 | 1800 | .56 | .69 | .81 | 7.0 | 23,900 | 1930 | .57 | .70 | .83 | 6.6 | 22,600 | 2040 | .58 | .72 | .86 | 6.2 | 21,100 | 2150 | .59 | .74 | .88 |
| | 375 | 800 | 7.6 | 26,100 | 1820 | .59 | .73 | .87 | 7.2 | 24,700 | 1950 | .60 | .75 | .89 | 6.8 | 23,200 | 2070 | .61 | .77 | .92 | 6.4 | 21,700 | 2180 | .63 | .80 | .95 |
| | 450 | 950 | 7.8 | 26,700 | 1840 | .61 | .77 | .92 | 7.4 | 25,200 | 1970 | .62 | .80 | .94 | 6.9 | 23,700 | 2090 | .64 | .82 | .97 | 6.5 | 22,200 | 2200 | .66 | .85 | .99 |
| 71°F (21.7°C) | 305 | 650 | 7.9 | 27,100 | 1850 | .42 | .54 | .66 | 7.5 | 25,700 | 1980 | .43 | .55 | .67 | 7.1 | 24,200 | 2110 | .43 | .56 | .69 | 6.7 | 22,700 | 2230 | .43 | .57 | .72 |
| | 375 | 800 | 8.2 | 27,900 | 1870 | .43 | .57 | .70 | 7.7 | 26,400 | 2000 | .44 | .58 | .72 | 7.3 | 24,900 | 2130 | .44 | .59 | .75 | 6.8 | 23,300 | 2260 | .45 | .61 | .77 |
| | 450 | 950 | 8.4 | 28,500 | 1880 | .44 | .60 | .75 | 7.9 | 27,000 | 2020 | .45 | .61 | .77 | 7.4 | 25,400 | 2150 | .45 | .63 | .80 | 6.9 | 23,700 | 2270 | .46 | .65 | .83 |

HS29-024 — CB29M-31

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Condenser Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----|---|--------|------------------------------|--|--------------|--------------|------------------------|--------|------------------------------|--|--------------|--------------|------------------------|--------|------------------------------|--|--------------|--------------|------------------------|--------|------------------------------|--|--------------|--------------|
| | | | 85°F (29°C) | | | | | 95°F (35°C) | | | | | 105°F (41°C) | | | | | 115°F (46°C) | | | | | | | | |
| | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) Dry Bulb | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) Dry Bulb | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) Dry Bulb | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) Dry Bulb | | |
| | | | | | | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | 75°F 24°C | 80°F 27°C | 85°F 29°C |
| L/s | cfm | kW | Btuh | | | | kW | Btuh | | | | kW | Btuh | | | | kW | Btuh | | | | kW | Btuh | | | |
| 63°F (17.2°C) | 330 | 700 | 7.1 | 24,200 | 1780 | .73 | .86 | .98 | 6.7 | 22,900 | 1900 | .74 | .89 | .99 | 6.3 | 21,600 | 2010 | .76 | .91 | 1.00 | 5.9 | 20,200 | 2120 | .79 | .94 | 1.00 |
| | 375 | 800 | 7.3 | 24,800 | 1790 | .75 | .90 | 1.00 | 6.9 | 23,500 | 1920 | .77 | .92 | 1.00 | 6.5 | 22,100 | 2030 | .80 | .95 | 1.00 | 6.1 | 20,700 | 2140 | .82 | .98 | 1.00 |
| | 425 | 900 | 7.4 | 25,300 | 1810 | .78 | .93 | 1.00 | 7.0 | 24,000 | 1930 | .80 | .96 | 1.00 | 6.6 | 22,600 | 2050 | .83 | .98 | 1.00 | 6.2 | 21,300 | 2170 | .86 | 1.00 | 1.00 |
| 67°F (19.4°C) | 330 | 700 | 7.6 | 25,900 | 1820 | .57 | .70 | .83 | 7.2 | 24,500 | 1950 | .58 | .72 | .85 | 6.8 | 23,100 | 2070 | .59 | .74 | .88 | 6.3 | 21,500 | 2180 | .60 | .76 | .91 |
| | 375 | 800 | 7.8 | 26,500 | 1830 | .58 | .73 | .87 | 7.3 | 25,000 | 1970 | .59 | .75 | .89 | 6.9 | 23,500 | 2090 | .61 | .77 | .92 | 6.4 | 22,000 | 2200 | .62 | .80 | .95 |
| | 425 | 900 | 7.9 | 26,900 | 1840 | .60 | .76 | .90 | 7.4 | 25,400 | 1980 | .61 | .78 | .93 | 7.0 | 23,900 | 2100 | .63 | .80 | .95 | 6.5 | 22,300 | 2220 | .65 | .83 | .98 |
| 71°F (21.7°C) | 330 | 700 | 8.1 | 27,800 | 1870 | .43 | .55 | .67 | 7.7 | 26,300 | 2010 | .43 | .56 | .69 | 7.3 | 24,800 | 2140 | .43 | .57 | .71 | 6.8 | 23,200 | 2260 | .44 | .59 | .73 |
| | 375 | 800 | 8.3 | 28,300 | 1880 | .43 | .57 | .70 | 7.9 | 26,800 | 2020 | .43 | .58 | .72 | 7.4 | 25,200 | 2150 | .44 | .59 | .74 | 6.9 | 23,500 | 2270 | .45 | .61 | .77 |
| | 425 | 900 | 8.4 | 28,800 | 1890 | .44 | .59 | .73 | 8.0 | 27,200 | 2030 | .44 | .60 | .75 | 7.5 | 25,600 | 2160 | .45 | .61 | .78 | 7.0 | 23,900 | 2290 | .46 | .63 | .81 |

HS29-024 — CB30M-21/26 - CB30U-21/26

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Condenser Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----|---|--------|------------------------------|--|--------------|--------------|------------------------|--------|------------------------------|--|--------------|--------------|------------------------|--------|------------------------------|--|--------------|--------------|------------------------|--------|------------------------------|--|--------------|--------------|
| | | | 85°F (29°C) | | | | | 95°F (35°C) | | | | | 105°F (41°C) | | | | | 115°F (46°C) | | | | | | | | |
| | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) Dry Bulb | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) Dry Bulb | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) Dry Bulb | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) Dry Bulb | | |
| | | | | | | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | 75°F 24°C | 80°F 27°C | 85°F 29°C |
| L/s | cfm | kW | Btuh | | | | kW | Btuh | | | | kW | Btuh | | | | kW | Btuh | | | | kW | Btuh | | | |
| 63°F (17.2°C) | 330 | 700 | 7.4 | 25,100 | 1810 | .72 | .86 | .97 | 6.9 | 23,700 | 1940 | .74 | .88 | .99 | 6.5 | 22,300 | 2060 | .76 | .91 | 1.00 | 6.1 | 20,800 | 2170 | .78 | .94 | 1.00 |
| | 375 | 800 | 7.5 | 25,700 | 1830 | .75 | .90 | 1.00 | 7.1 | 24,300 | 1960 | .77 | .92 | 1.00 | 6.7 | 22,800 | 2080 | .79 | .95 | 1.00 | 6.2 | 21,300 | 2190 | .82 | .98 | 1.00 |
| | 425 | 900 | 7.7 | 26,300 | 1840 | .78 | .93 | 1.00 | 7.3 | 24,800 | 1970 | .80 | .96 | 1.00 | 6.9 | 23,400 | 2100 | .83 | .98 | 1.00 | 6.4 | 21,900 | 2220 | .86 | 1.00 | 1.00 |
| 67°F (19.4°C) | 330 | 700 | 7.9 | 26,900 | 1860 | .56 | .69 | .82 | 7.4 | 25,400 | 1990 | .57 | .71 | .84 | 7.0 | 23,800 | 2120 | .59 | .73 | .87 | 6.5 | 22,200 | 2230 | .60 | .76 | .90 |
| | 375 | 800 | 8.1 | 27,500 | 1870 | .58 | .72 | .86 | 7.6 | 25,900 | 2010 | .59 | .74 | .89 | 7.1 | 24,300 | 2140 | .61 | .77 | .92 | 6.7 | 22,700 | 2260 | .62 | .79 | .95 |
| | 425 | 900 | 8.2 | 28,000 | 1880 | .60 | .75 | .90 | 7.7 | 26,400 | 2020 | .61 | .78 | .93 | 7.2 | 24,700 | 2150 | .63 | .80 | .95 | 6.7 | 23,000 | 2270 | .65 | .83 | .98 |
| 71°F (21.7°C) | 330 | 700 | 8.5 | 28,900 | 1910 | .42 | .55 | .67 | 8.0 | 27,300 | 2050 | .43 | .56 | .68 | 7.5 | 25,600 | 2190 | .43 | .57 | .70 | 7.0 | 23,900 | 2310 | .44 | .58 | .73 |
| | 375 | 800 | 8.6 | 29,500 | 1920 | .43 | .56 | .70 | 8.1 | 27,800 | 2070 | .43 | .58 | .72 | 7.6 | 26,100 | 2200 | .44 | .59 | .74 | 7.1 | 24,300 | 2330 | .45 | .61 | .77 |

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS29-024 — CB30M-31 - CB30U-31

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Condenser Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|------|---|-----------|------------------------------|-------------------------------|-----|------|------------------------|-----------|------------------------------|-------------------------------|------|-----------|------------------------|-----------|------------------------------|-------------------------------|-----------|-----------|------------------------|--------|------------------------------|-------------------------------|------|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | |
| L/s | cfm | kW | Btuh | 75°F 24°C | 80°F 27°C | 85°F 29°C | kW | Btuh | 75°F 24°C | 80°F 27°C | 85°F 29°C | kW | Btuh | 75°F 24°C | 80°F 27°C | 85°F 29°C | kW | Btuh | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | | |
| 63°F (17.2°C) | 285 | 600 | 7.3 | 25,000 | 1790 | .69 | .81 | .93 | 6.9 | 23,600 | 1910 | .71 | .83 | .95 | 6.5 | 22,200 | 2030 | .72 | .86 | .98 | 6.1 | 20,700 | 2140 | .74 | .89 | 1.00 |
| | 375 | 800 | 7.8 | 26,600 | 1830 | .75 | .89 | 1.00 | 7.3 | 25,000 | 1960 | .77 | .92 | 1.00 | 6.9 | 23,500 | 2080 | .79 | .95 | 1.00 | 6.4 | 21,900 | 2200 | .82 | .98 | 1.00 |
| | 470 | 1000 | 8.1 | 27,700 | 1860 | .81 | .96 | 1.00 | 7.7 | 26,200 | 1990 | .83 | .99 | 1.00 | 7.2 | 24,700 | 2130 | .86 | 1.00 | 1.00 | 6.8 | 23,200 | 2250 | .89 | 1.00 | 1.00 |
| 67°F (19.4°C) | 285 | 600 | 7.9 | 27,000 | 1840 | .55 | .66 | .78 | 7.5 | 25,500 | 1970 | .56 | .68 | .80 | 7.0 | 23,900 | 2100 | .56 | .69 | .82 | 6.5 | 22,300 | 2210 | .58 | .71 | .85 |
| | 375 | 800 | 8.3 | 28,400 | 1870 | .58 | .72 | .86 | 7.9 | 26,800 | 2010 | .59 | .74 | .88 | 7.4 | 25,100 | 2140 | .60 | .76 | .91 | 6.9 | 23,400 | 2260 | .62 | .79 | .95 |
| | 470 | 1000 | 8.6 | 29,400 | 1900 | .61 | .78 | .93 | 8.1 | 27,700 | 2040 | .63 | .81 | .96 | 7.6 | 25,900 | 2170 | .65 | .83 | .99 | 7.1 | 24,100 | 2290 | .67 | .87 | 1.00 |
| 71°F (21.7°C) | 285 | 600 | 8.5 | 29,100 | 1890 | .42 | .53 | .63 | 8.1 | 27,500 | 2030 | .42 | .54 | .65 | 7.6 | 25,800 | 2170 | .42 | .54 | .66 | 7.1 | 24,100 | 2290 | .43 | .56 | .68 |
| | 375 | 800 | 9.0 | 30,600 | 1920 | .43 | .56 | .69 | 8.4 | 28,800 | 2070 | .43 | .57 | .71 | 7.9 | 27,000 | 2210 | .44 | .59 | .74 | 7.4 | 25,100 | 2340 | .44 | .61 | .77 |
| | 470 | 1000 | 9.2 | 31,500 | 1950 | .44 | .60 | .76 | 8.7 | 29,600 | 2100 | .45 | .62 | .78 | 8.1 | 27,700 | 2240 | .46 | .63 | .81 | 7.6 | 25,800 | 2370 | .46 | .66 | .84 |

HS29-024 — CVP10-26/EC10Q3

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Condenser Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----|---|-----------|------------------------------|-------------------------------|-----|------|------------------------|-----------|------------------------------|-------------------------------|------|-----------|------------------------|-----------|------------------------------|-------------------------------|-----------|-----------|------------------------|--------|------------------------------|-------------------------------|------|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Compressor Motor Watts Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | |
| L/s | cfm | kW | Btuh | 75°F 24°C | 80°F 27°C | 85°F 29°C | kW | Btuh | 75°F 24°C | 80°F 27°C | 85°F 29°C | kW | Btuh | 75°F 24°C | 80°F 27°C | 85°F 29°C | kW | Btuh | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | | |
| 63°F (17.2°C) | 305 | 650 | 7.1 | 24,100 | 1820 | .67 | .81 | .95 | 6.7 | 22,800 | 1940 | .69 | .84 | .97 | 6.3 | 21,500 | 2060 | .70 | .86 | .99 | 5.9 | 20,100 | 2160 | .73 | .90 | 1.00 |
| | 375 | 800 | 7.4 | 25,100 | 1840 | .71 | .88 | 1.00 | 7.0 | 23,800 | 1970 | .74 | .91 | 1.00 | 6.5 | 22,300 | 2090 | .76 | .94 | 1.00 | 6.1 | 20,900 | 2210 | .79 | .97 | 1.00 |
| | 450 | 950 | 7.6 | 26,000 | 1860 | .76 | .94 | 1.00 | 7.2 | 24,600 | 2000 | .79 | .97 | 1.00 | 6.8 | 23,100 | 2130 | .82 | .99 | 1.00 | 6.4 | 21,800 | 2250 | .85 | 1.00 | 1.00 |
| 67°F (19.4°C) | 305 | 650 | 7.6 | 25,900 | 1860 | .53 | .65 | .77 | 7.2 | 24,500 | 2000 | .54 | .66 | .79 | 6.7 | 23,000 | 2120 | .55 | .68 | .82 | 6.3 | 21,500 | 2240 | .56 | .70 | .86 |
| | 375 | 800 | 7.9 | 26,800 | 1890 | .55 | .69 | .84 | 7.4 | 25,300 | 2020 | .56 | .71 | .87 | 7.0 | 23,800 | 2150 | .58 | .73 | .90 | 6.5 | 22,200 | 2270 | .59 | .76 | .94 |
| | 450 | 950 | 8.1 | 27,500 | 1900 | .58 | .73 | .90 | 7.6 | 26,000 | 2040 | .59 | .76 | .93 | 7.2 | 24,400 | 2170 | .60 | .79 | .96 | 6.7 | 22,700 | 2290 | .62 | .82 | .99 |
| 71°F (21.7°C) | 305 | 650 | 8.1 | 27,800 | 1910 | .40 | .51 | .62 | 7.7 | 26,300 | 2050 | .40 | .52 | .63 | 7.3 | 24,800 | 2190 | .41 | .53 | .65 | 6.8 | 23,100 | 2320 | .41 | .54 | .67 |
| | 375 | 800 | 8.4 | 28,800 | 1940 | .41 | .54 | .66 | 8.0 | 27,200 | 2080 | .41 | .55 | .68 | 7.5 | 25,500 | 2220 | .42 | .56 | .70 | 7.0 | 23,800 | 2350 | .42 | .58 | .73 |
| | 450 | 950 | 8.6 | 29,500 | 1950 | .42 | .56 | .71 | 8.1 | 27,800 | 2100 | .42 | .58 | .73 | 7.6 | 26,100 | 2240 | .43 | .59 | .76 | 7.1 | 24,300 | 2370 | .44 | .61 | .80 |

HS29-030 — C23-26 COOLING CAPACITY TXV & RFC

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-----|---------------------|-------------------------------|-----|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | |
| cfm | L/s | kBtuh | kW | 75°F 24°C | 80°F 27°C | 85°F 29°C | kBtuh | kW | 75°F 24°C | 80°F 27°C | 85°F 29°C | kBtuh | kW | 75°F 24°C | 80°F 27°C | 85°F 29°C | kBtuh | kW | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | | |
| 63°F (17°C) | 900 | 425 | 29.2 | 8.6 | 2.27 | .74 | .88 | .99 | 28.2 | 8.3 | 2.54 | .75 | .89 | 1.00 | 27.1 | 7.9 | 2.84 | .77 | .91 | 1.00 | 26.0 | 7.6 | 3.19 | .78 | .93 | 1.00 |
| | 1000 | 470 | 29.6 | 8.7 | 2.28 | .77 | .91 | 1.00 | 28.7 | 8.4 | 2.55 | .77 | .92 | 1.00 | 27.6 | 8.1 | 2.85 | .79 | .94 | 1.00 | 26.5 | 7.8 | 3.20 | .81 | .95 | 1.00 |
| | 1100 | 520 | 30.1 | 8.8 | 2.29 | .79 | .94 | 1.00 | 29.1 | 8.5 | 2.56 | .80 | .95 | 1.00 | 28.0 | 8.2 | 2.86 | .82 | .97 | 1.00 | 26.9 | 7.9 | 3.21 | .83 | .98 | 1.00 |
| 67°F (19°C) | 900 | 425 | 30.9 | 9.1 | 2.30 | .58 | .72 | .85 | 29.9 | 8.8 | 2.57 | .58 | .73 | .86 | 28.7 | 8.4 | 2.88 | .59 | .74 | .88 | 27.5 | 8.1 | 3.22 | .60 | .76 | .90 |
| | 1000 | 470 | 31.3 | 9.2 | 2.31 | .59 | .74 | .88 | 30.2 | 8.9 | 2.58 | .60 | .75 | .90 | 29.1 | 8.5 | 2.89 | .60 | .77 | .91 | 27.8 | 8.1 | 3.23 | .62 | .78 | .93 |
| | 1100 | 520 | 31.7 | 9.3 | 2.32 | .60 | .76 | .91 | 30.6 | 9.0 | 2.59 | .61 | .78 | .93 | 29.4 | 8.6 | 2.89 | .62 | .79 | .94 | 28.2 | 8.3 | 3.24 | .63 | .81 | .96 |
| 71°F (22°C) | 900 | 425 | 32.9 | 9.6 | 2.34 | .43 | .56 | .69 | 31.8 | 9.3 | 2.61 | .43 | .57 | .70 | 30.6 | 9.0 | 2.92 | .43 | .58 | .72 | 29.3 | 8.6 | 3.27 | .44 | .58 | .73 |
| | 1000 | 470 | 33.3 | 9.8 | 2.35 | .43 | .58 | .72 | 32.2 | 9.4 | 2.62 | .43 | .58 | .73 | 30.9 | 9.1 | 2.93 | .44 | .59 | .74 | 29.6 | 8.7 | 3.28 | .44 | .60 | .76 |
| | 1100 | 520 | 33.6 | 9.8 | 2.35 | .44 | .59 | .74 | 32.5 | 9.5 | 2.63 | .44 | .60 | .76 | 31.2 | 9.1 | 2.94 | .45 | .61 | .77 | 29.9 | 8.8 | 3.29 | .45 | .62 | .79 |

HS29-030 — C23-31 - CH23-21 COOLING CAPACITY TXV & RFC

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-----|---------------------|-------------------------------|-----|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | |
| cfm | L/s | kBtuh | kW | 75°F 24°C | 80°F 27°C | 85°F 29°C | kBtuh | kW | 75°F 24°C | 80°F 27°C | 85°F 29°C | kBtuh | kW | 75°F 24°C | 80°F 27°C | 85°F 29°C | kBtuh | kW | 75°F 24°C | 80°F 27°C | 85°F 29°C | | | | | |
| 63°F (17°C) | 900 | 425 | 29.8 | 8.7 | 2.29 | .73 | .88 | .98 | 28.8 | 8.4 | 2.57 | .75 | .89 | .99 | 27.7 | 8.1 | 2.87 | .76 | .91 | 1.00 | 26.6 | 7.8 | 3.22 | .77 | .92 | 1.00 |
| | 1000 | 470 | 30.3 | 8.9 | 2.30 | .75 | .90 | 1.00 | 29.3 | 8.6 | 2.57 | .77 | .92 | 1.00 | 28.2 | 8.3 | 2.88 | .78 | .93 | 1.00 | 27.0 | 7.9 | 3.23 | .80 | .95 | 1.00 |
| | 1100 | 520 | 30.8 | 9.0 | 2.31 | .78 | .93 | 1.00 | 29.7 | 8.7 | 2.58 | .79 | .95 | 1.00 | 28.6 | 8.4 | 2.89 | .81 | .96 | 1.00 | 27.5 | 8.1 | 3.24 | .83 | .97 | 1.00 |
| 67°F (19°C) | 900 | 425 | 31.7 | 9.3 | 2.33 | .57 | .71 | .84 | 30.6 | 9.0 | 2.60 | .58 | .72 | .86 | 29.4 | 8.6 | 2.91 | .59 | .73 | .87 | 28.1 | 8.2 | 3.26 | .59 | .75 | .89 |
| | 1000 | 470 | 32.1 | 9.4 | 2.33 | .59 | .73 | .87 | 31.0 | 9.1 | 2.61 | .59 | .75 | .89 | 29.8 | 8.7 | 2.92 | .60 | .76 | .90 | 28.5 | 8.4 | 3.27 | .61 | .78 | .93 |
| | 1100 | 520 | 32.5 | 9.5 | 2.34 | .60 | .76 | .90 | 31.3 | 9.2 | 2.62 | .61 | .77 | .92 | 30.1 | 8.8 | 2.93 | .62 | .78 | .93 | 28.8 | 8.4 | 3.27 | .63 | .80 | .95 |
| 71°F (22°C) | 900 | 425 | 33.7 | 9.9 | 2.36 | .43 | .56 | .69 | 32.6 | 9.6 | 2.64 | .43 | .56 | .69 | 31.4 | 9.2 | 2.95 | .43 | .57 | .71 | 30.0 | 8.8 | 3.31 | .44 | .58 | .72 |
| | 1000 | 470 | 34.2 | 10.0 | 2.37 | .43 | .57 | .71 | 33.0 | 9.7 | 2.65 | .44 | .58 | .72 | 31.7 | 9.3 | 2.96 | .44 | .59 | .74 | 30.3 | 8.9 | 3.32 | .44 | .60 | .75 |
| | 1100 | 520 | 34.6 | 10.1 | 2.38 | .44 | .58 | .73 | 33.4 | 9.8 | 2.66 | .44 | .59 | .75 | 32.0 | 9.4 | 2.97 | .44 | .60 | .76 | 30.6 | 9.0 | 3.32 | .45 | .61 | .78 |

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS29-030 - C23-41 TXV & RFC - C26-26 TXV Only COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|--------|---|-----------|---------------------|-------------------------------|--------|------|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|--------|---------------------|-------------------------------|-----------|-----------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | 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 | kBtu/h | kW | 75°F 24°C | 80°F 27°C | 85°F 29°C |
| 63°F (17°C) | 900 | 425 | 30.2 | 8.9 | 2.30 | .73 | .87 | .98 | 29.2 | 8.6 | 2.58 | .74 | .89 | .99 | 28.1 | 8.2 | 2.88 | .76 | .90 | 1.00 | 26.9 | 7.9 | 3.23 | .77 | .92 | 1.00 |
| | 1000 | 470 | 30.7 | 9.0 | 2.32 | .75 | .90 | 1.00 | 29.7 | 8.7 | 2.59 | .77 | .92 | 1.00 | 28.6 | 8.4 | 2.90 | .78 | .93 | 1.00 | 27.4 | 8.0 | 3.24 | .80 | .95 | 1.00 |
| | 1100 | 520 | 31.2 | 9.1 | 2.32 | .78 | .93 | 1.00 | 30.1 | 8.8 | 2.60 | .79 | .94 | 1.00 | 29.0 | 8.5 | 2.91 | .81 | .96 | 1.00 | 27.8 | 8.1 | 3.26 | .82 | .97 | 1.00 |
| 67°F (19°C) | 900 | 425 | 32.2 | 9.4 | 2.34 | .57 | .70 | .84 | 31.0 | 9.1 | 2.61 | .58 | .72 | .86 | 29.8 | 8.7 | 2.92 | .59 | .73 | .87 | 28.5 | 8.4 | 3.27 | .59 | .75 | .89 |
| | 1000 | 470 | 32.6 | 9.6 | 2.35 | .59 | .73 | .87 | 31.4 | 9.2 | 2.62 | .59 | .75 | .89 | 30.2 | 8.9 | 2.93 | .60 | .76 | .90 | 28.9 | 8.5 | 3.28 | .61 | .78 | .92 |
| | 1100 | 520 | 33.0 | 9.7 | 2.36 | .60 | .75 | .90 | 31.8 | 9.3 | 2.63 | .61 | .77 | .92 | 30.5 | 8.9 | 2.94 | .62 | .78 | .94 | 29.2 | 8.6 | 3.29 | .63 | .80 | .95 |
| 71°F (22°C) | 900 | 425 | 34.3 | 10.1 | 2.38 | .43 | .55 | .68 | 33.1 | 9.7 | 2.66 | .43 | .56 | .69 | 31.8 | 9.3 | 2.97 | .43 | .57 | .71 | 30.4 | 8.9 | 3.32 | .43 | .58 | .72 |
| | 1000 | 470 | 34.7 | 10.2 | 2.39 | .43 | .57 | .71 | 33.5 | 9.8 | 2.67 | .43 | .58 | .72 | 32.2 | 9.4 | 2.98 | .44 | .59 | .74 | 30.7 | 9.0 | 3.33 | .44 | .60 | .75 |
| | 1100 | 520 | 35.1 | 10.3 | 2.40 | .44 | .58 | .73 | 33.8 | 9.9 | 2.67 | .44 | .59 | .75 | 32.5 | 9.5 | 2.99 | .44 | .60 | .76 | 31.0 | 9.1 | 3.34 | .45 | .62 | .78 |

HS29-030 - C26-31 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|--------|---|-----------|---------------------|-------------------------------|--------|------|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|--------|---------------------|-------------------------------|-----------|-----------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | 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 | kBtu/h | kW | 75°F 24°C | 80°F 27°C | 85°F 29°C |
| 63°F (17°C) | 800 | 380 | 29.9 | 8.8 | 2.24 | .71 | .84 | .96 | 28.8 | 8.4 | 2.51 | .72 | .86 | .97 | 27.7 | 8.1 | 2.80 | .73 | .87 | .99 | 26.5 | 7.8 | 3.14 | .75 | .89 | 1.00 |
| | 900 | 425 | 30.5 | 8.9 | 2.26 | .73 | .88 | .99 | 29.5 | 8.6 | 2.52 | .75 | .89 | 1.00 | 28.3 | 8.3 | 2.82 | .76 | .91 | 1.00 | 27.0 | 7.9 | 3.15 | .78 | .93 | 1.00 |
| | 1000 | 470 | 31.1 | 9.1 | 2.27 | .76 | .91 | 1.00 | 30.0 | 8.8 | 2.53 | .77 | .92 | 1.00 | 28.8 | 8.4 | 2.83 | .79 | .94 | 1.00 | 27.5 | 8.1 | 3.17 | .81 | .96 | 1.00 |
| 67°F (19°C) | 800 | 380 | 31.9 | 9.3 | 2.28 | .56 | .69 | .81 | 30.8 | 9.0 | 2.55 | .56 | .69 | .82 | 29.5 | 8.6 | 2.85 | .57 | .71 | .84 | 28.2 | 8.3 | 3.19 | .58 | .72 | .86 |
| | 900 | 425 | 32.5 | 9.5 | 2.30 | .57 | .71 | .84 | 31.3 | 9.2 | 2.56 | .58 | .72 | .86 | 30.0 | 8.8 | 2.86 | .59 | .74 | .87 | 28.7 | 8.4 | 3.20 | .60 | .75 | .90 |
| | 1000 | 470 | 33.0 | 9.7 | 2.31 | .59 | .73 | .88 | 31.8 | 9.3 | 2.57 | .59 | .75 | .89 | 30.5 | 8.9 | 2.87 | .61 | .76 | .91 | 29.1 | 8.5 | 3.21 | .61 | .78 | .93 |
| 71°F (22°C) | 800 | 380 | 34.1 | 10.0 | 2.33 | .43 | .54 | .66 | 32.9 | 9.6 | 2.60 | .43 | .55 | .67 | 31.5 | 9.2 | 2.90 | .43 | .56 | .68 | 30.1 | 8.8 | 3.24 | .43 | .56 | .69 |
| | 900 | 425 | 34.7 | 10.2 | 2.34 | .43 | .56 | .68 | 33.4 | 9.8 | 2.61 | .43 | .56 | .69 | 32.0 | 9.4 | 2.91 | .43 | .57 | .71 | 30.6 | 9.0 | 3.26 | .43 | .58 | .73 |
| | 1000 | 470 | 35.1 | 10.3 | 2.35 | .43 | .57 | .71 | 33.9 | 9.9 | 2.62 | .43 | .58 | .72 | 32.5 | 9.5 | 2.92 | .44 | .59 | .74 | 31.0 | 9.1 | 3.27 | .44 | .60 | .76 |

HS29-030 - C26-41 - CH23-51 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|--------|---|-----------|---------------------|-------------------------------|--------|------|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|--------|---------------------|-------------------------------|-----------|-----------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | 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 | kBtu/h | kW | 75°F 24°C | 80°F 27°C | 85°F 29°C |
| 63°F (17°C) | 900 | 425 | 31.4 | 9.2 | 2.31 | .73 | .87 | .99 | 30.2 | 8.9 | 2.58 | .74 | .89 | 1.00 | 29.0 | 8.5 | 2.88 | .76 | .91 | 1.00 | 27.7 | 8.1 | 3.22 | .77 | .93 | 1.00 |
| | 1000 | 470 | 31.9 | 9.3 | 2.32 | .76 | .91 | 1.00 | 30.8 | 9.0 | 2.59 | .77 | .92 | 1.00 | 29.6 | 8.7 | 2.89 | .78 | .94 | 1.00 | 28.2 | 8.3 | 3.24 | .80 | .96 | 1.00 |
| | 1100 | 520 | 32.5 | 9.5 | 2.33 | .78 | .94 | 1.00 | 31.3 | 9.2 | 2.60 | .80 | .95 | 1.00 | 30.0 | 8.8 | 2.91 | .81 | .97 | 1.00 | 28.7 | 8.4 | 3.25 | .83 | .99 | 1.00 |
| 67°F (19°C) | 900 | 425 | 33.4 | 9.8 | 2.35 | .57 | .71 | .84 | 32.2 | 9.4 | 2.62 | .58 | .72 | .85 | 30.8 | 9.0 | 2.93 | .59 | .73 | .87 | 29.4 | 8.6 | 3.27 | .60 | .75 | .90 |
| | 1000 | 470 | 33.9 | 9.9 | 2.36 | .59 | .73 | .87 | 32.6 | 9.6 | 2.63 | .60 | .75 | .89 | 31.3 | 9.2 | 2.94 | .60 | .76 | .91 | 29.9 | 8.8 | 3.28 | .61 | .78 | .93 |
| | 1100 | 520 | 34.3 | 10.1 | 2.37 | .60 | .76 | .90 | 33.0 | 9.7 | 2.64 | .61 | .78 | .92 | 31.7 | 9.3 | 2.95 | .62 | .79 | .94 | 30.2 | 8.9 | 3.30 | .63 | .81 | .96 |
| 71°F (22°C) | 900 | 425 | 35.6 | 10.4 | 2.40 | .43 | .56 | .68 | 34.3 | 10.1 | 2.67 | .43 | .56 | .70 | 32.9 | 9.6 | 2.98 | .43 | .57 | .71 | 31.4 | 9.2 | 3.33 | .44 | .58 | .73 |
| | 1000 | 470 | 36.1 | 10.6 | 2.41 | .43 | .57 | .71 | 34.8 | 10.2 | 2.68 | .43 | .58 | .72 | 33.4 | 9.8 | 2.99 | .44 | .59 | .74 | 31.8 | 9.3 | 3.34 | .44 | .60 | .76 |
| | 1100 | 520 | 36.5 | 10.7 | 2.42 | .44 | .59 | .73 | 35.2 | 10.3 | 2.69 | .44 | .60 | .75 | 33.7 | 9.9 | 3.00 | .45 | .61 | .77 | 32.1 | 9.4 | 3.35 | .45 | .62 | .79 |

HS29-030 - CR26-21 COOLING CAPACITY TXV & RFC

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|--------|---|-----------|---------------------|-------------------------------|--------|------|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|--------|---------------------|-------------------------------|-----------|-----------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | 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 | kBtu/h | kW | 75°F 24°C | 80°F 27°C | 85°F 29°C |
| 63°F (17°C) | 900 | 425 | 28.1 | 8.2 | 2.26 | .73 | .87 | .98 | 27.1 | 7.9 | 2.53 | .74 | .88 | .99 | 26.1 | 7.6 | 2.83 | .75 | .90 | 1.00 | 25.1 | 7.4 | 3.17 | .77 | .91 | 1.00 |
| | 1000 | 470 | 28.5 | 8.4 | 2.27 | .75 | .90 | .99 | 27.6 | 8.1 | 2.53 | .76 | .91 | 1.00 | 26.6 | 7.8 | 2.84 | .77 | .92 | 1.00 | 25.5 | 7.5 | 3.18 | .79 | .94 | 1.00 |
| | 1100 | 520 | 28.9 | 8.5 | 2.27 | .77 | .92 | 1.00 | 28.0 | 8.2 | 2.54 | .78 | .94 | 1.00 | 26.9 | 7.9 | 2.85 | .80 | .96 | 1.00 | 25.9 | 7.6 | 3.19 | .82 | .97 | 1.00 |
| 67°F (19°C) | 900 | 425 | 29.9 | 8.8 | 2.29 | .57 | .70 | .84 | 28.9 | 8.5 | 2.56 | .57 | .71 | .85 | 27.8 | 8.1 | 2.86 | .58 | .73 | .87 | 26.6 | 7.8 | 3.21 | .59 | .74 | .88 |
| | 1000 | 470 | 30.3 | 8.9 | 2.30 | .58 | .73 | .87 | 29.2 | 8.6 | 2.57 | .59 | .74 | .88 | 28.1 | 8.2 | 2.87 | .60 | .75 | .90 | 26.9 | 7.9 | 3.22 | .61 | .77 | .92 |
| | 1100 | 520 | 30.6 | 9.0 | 2.30 | .59 | .75 | .90 | 29.6 | 8.7 | 2.57 | .60 | .76 | .91 | 28.4 | 8.3 | 2.88 | .61 | .78 | .92 | 27.2 | 8.0 | 3.22 | .62 | .79 | .94 |
| 71°F (22°C) | 900 | 425 | 31.8 | 9.3 | 2.32 | .43 | .55 | .68 | 30.7 | 9.0 | 2.60 | .43 | .56 | .69 | 29.6 | 8.7 | 2.90 | .43 | .57 | .70 | 28.3 | 8.3 | 3.25 | .43 | .58 | .72 |
| | 1000 | 470 | 32.2 | 9.4 | 2.33 | .43 | .57 | .70 | 31.1 | 9.1 | 2.60 | .43 | .57 | .71 | 29.9 | 8.8 | 2.91 | .44 | .58 | .73 | 28.7 | 8.4 | 3.26 | .44 | .59 | .74 |
| | 1100 | 520 | 32.5 | 9.5 | 2.34 | .44 | .58 | .73 | 31.4 | 9.2 | 2.61 | .44 | .59 | .74 | 30.2 | 8.9 | 2.92 | .44 | .60 | .75 | 28.9 | 8.5 | 3.27 | .45 | .61 | .77 |

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS29-030 - CR26-31 COOLING CAPACITY TXV & RFC

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | 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 |
| 63°F (17°C) | 800 | 380 | 29.9 | 8.8 | 2.33 | .71 | .85 | .96 | 28.9 | 8.5 | 2.61 | .72 | .86 | .97 | 27.8 | 8.1 | 2.92 | .74 | .87 | .99 | 26.6 | 7.8 | 3.27 | .75 | .89 | 1.00 |
| | 900 | 425 | 30.5 | 8.9 | 2.35 | .74 | .88 | .98 | 29.4 | 8.6 | 2.62 | .75 | .89 | 1.00 | 28.3 | 8.3 | 2.93 | .76 | .91 | 1.00 | 27.1 | 7.9 | 3.29 | .77 | .93 | 1.00 |
| | 1000 | 470 | 31.0 | 9.1 | 2.36 | .76 | .91 | 1.00 | 30.0 | 8.8 | 2.63 | .77 | .92 | 1.00 | 28.8 | 8.4 | 2.94 | .79 | .94 | 1.00 | 27.6 | 8.1 | 3.30 | .81 | .96 | 1.00 |
| 67°F (19°C) | 800 | 380 | 31.9 | 9.3 | 2.37 | .56 | .69 | .81 | 30.8 | 9.0 | 2.65 | .56 | .69 | .82 | 29.6 | 8.7 | 2.96 | .57 | .71 | .84 | 28.2 | 8.3 | 3.31 | .58 | .72 | .86 |
| | 900 | 425 | 32.4 | 9.5 | 2.38 | .57 | .71 | .84 | 31.3 | 9.2 | 2.66 | .58 | .72 | .86 | 30.0 | 8.8 | 2.97 | .59 | .74 | .87 | 28.7 | 8.4 | 3.32 | .60 | .75 | .90 |
| | 1000 | 470 | 32.9 | 9.6 | 2.39 | .59 | .74 | .88 | 31.7 | 9.3 | 2.67 | .60 | .75 | .89 | 30.4 | 8.9 | 2.98 | .61 | .76 | .91 | 29.1 | 8.5 | 3.34 | .61 | .78 | .93 |
| 71°F (22°C) | 800 | 380 | 34.0 | 10.0 | 2.41 | .42 | .54 | .66 | 32.8 | 9.6 | 2.69 | .43 | .55 | .67 | 31.5 | 9.2 | 3.01 | .43 | .56 | .68 | 30.2 | 8.9 | 3.37 | .43 | .56 | .70 |
| | 900 | 425 | 34.6 | 10.1 | 2.42 | .43 | .56 | .68 | 33.3 | 9.8 | 2.70 | .43 | .56 | .70 | 32.0 | 9.4 | 3.02 | .43 | .57 | .71 | 30.6 | 9.0 | 3.38 | .43 | .58 | .73 |
| | 1000 | 470 | 35.0 | 10.3 | 2.43 | .43 | .57 | .71 | 33.8 | 9.9 | 2.71 | .43 | .58 | .73 | 32.4 | 9.5 | 3.03 | .44 | .59 | .74 | 31.0 | 9.1 | 3.39 | .44 | .60 | .76 |

HS29-030 - CR26-41 COOLING CAPACITY TXV & RFC

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | 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 |
| 63°F (17°C) | 800 | 380 | 29.9 | 8.8 | 2.23 | .71 | .84 | .96 | 28.8 | 8.4 | 2.50 | .72 | .86 | .97 | 27.7 | 8.1 | 2.79 | .73 | .87 | .99 | 26.5 | 7.8 | 3.13 | .75 | .89 | 1.00 |
| | 900 | 425 | 30.5 | 8.9 | 2.25 | .73 | .88 | .99 | 29.4 | 8.6 | 2.51 | .74 | .89 | 1.00 | 28.3 | 8.3 | 2.81 | .76 | .91 | 1.00 | 27.0 | 7.9 | 3.14 | .78 | .93 | 1.00 |
| | 1000 | 470 | 31.1 | 9.1 | 2.26 | .76 | .91 | 1.00 | 30.0 | 8.8 | 2.52 | .77 | .92 | 1.00 | 28.8 | 8.4 | 2.82 | .79 | .94 | 1.00 | 27.5 | 8.1 | 3.15 | .81 | .96 | 1.00 |
| 67°F (19°C) | 800 | 380 | 31.9 | 9.3 | 2.28 | .56 | .68 | .81 | 30.8 | 9.0 | 2.54 | .56 | .69 | .82 | 29.5 | 8.6 | 2.83 | .57 | .71 | .84 | 28.2 | 8.3 | 3.17 | .58 | .72 | .86 |
| | 900 | 425 | 32.5 | 9.5 | 2.29 | .57 | .71 | .84 | 31.3 | 9.2 | 2.55 | .58 | .72 | .86 | 30.0 | 8.8 | 2.85 | .59 | .74 | .87 | 28.7 | 8.4 | 3.19 | .60 | .75 | .90 |
| | 1000 | 470 | 33.0 | 9.7 | 2.30 | .59 | .73 | .88 | 31.8 | 9.3 | 2.56 | .60 | .75 | .89 | 30.5 | 8.9 | 2.86 | .61 | .76 | .91 | 29.1 | 8.5 | 3.20 | .61 | .78 | .93 |
| 71°F (22°C) | 800 | 380 | 34.1 | 10.0 | 2.32 | .43 | .54 | .66 | 32.9 | 9.6 | 2.58 | .43 | .55 | .67 | 31.5 | 9.2 | 2.88 | .43 | .56 | .68 | 30.1 | 8.8 | 3.23 | .43 | .56 | .69 |
| | 900 | 425 | 34.7 | 10.2 | 2.33 | .43 | .56 | .68 | 33.4 | 9.8 | 2.60 | .43 | .56 | .69 | 32.0 | 9.4 | 2.90 | .43 | .57 | .71 | 30.6 | 9.0 | 3.24 | .43 | .58 | .73 |
| | 1000 | 470 | 35.1 | 10.3 | 2.34 | .43 | .57 | .71 | 33.9 | 9.9 | 2.61 | .43 | .58 | .72 | 32.5 | 9.5 | 2.91 | .44 | .59 | .74 | 31.0 | 9.1 | 3.25 | .44 | .60 | .76 |

HS29-030 - CH23-31 COOLING CAPACITY TXV & RFC

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | 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 |
| 63°F (17°C) | 900 | 425 | 29.3 | 8.6 | 2.25 | .74 | .88 | .99 | 28.3 | 8.3 | 2.52 | .75 | .89 | 1.00 | 27.2 | 8.0 | 2.82 | .76 | .91 | 1.00 | 26.1 | 7.6 | 3.16 | .78 | .93 | 1.00 |
| | 1000 | 470 | 29.8 | 8.7 | 2.26 | .76 | .91 | 1.00 | 28.8 | 8.4 | 2.53 | .77 | .92 | 1.00 | 27.7 | 8.1 | 2.83 | .79 | .94 | 1.00 | 26.5 | 7.8 | 3.17 | .81 | .96 | 1.00 |
| | 1100 | 520 | 30.3 | 8.9 | 2.27 | .79 | .94 | 1.00 | 29.3 | 8.6 | 2.54 | .80 | .95 | 1.00 | 28.2 | 8.3 | 2.84 | .82 | .96 | 1.00 | 27.0 | 7.9 | 3.18 | .83 | .98 | 1.00 |
| 67°F (19°C) | 900 | 425 | 31.1 | 9.1 | 2.28 | .57 | .71 | .85 | 30.0 | 8.8 | 2.55 | .58 | .73 | .86 | 28.9 | 8.5 | 2.85 | .59 | .74 | .88 | 27.6 | 8.1 | 3.19 | .60 | .75 | .90 |
| | 1000 | 470 | 31.6 | 9.3 | 2.29 | .59 | .74 | .88 | 30.4 | 8.9 | 2.56 | .60 | .75 | .89 | 29.2 | 8.6 | 2.86 | .61 | .77 | .91 | 28.0 | 8.2 | 3.20 | .62 | .78 | .93 |
| | 1100 | 520 | 31.9 | 9.3 | 2.30 | .61 | .76 | .91 | 30.8 | 9.0 | 2.57 | .61 | .78 | .93 | 29.6 | 8.7 | 2.87 | .62 | .79 | .94 | 28.3 | 8.3 | 3.21 | .63 | .81 | .96 |
| 71°F (22°C) | 900 | 425 | 33.2 | 9.7 | 2.32 | .43 | .56 | .69 | 32.0 | 9.4 | 2.59 | .43 | .57 | .70 | 30.8 | 9.0 | 2.90 | .43 | .57 | .71 | 29.4 | 8.6 | 3.24 | .44 | .59 | .73 |
| | 1000 | 470 | 33.6 | 9.8 | 2.33 | .43 | .57 | .71 | 32.4 | 9.5 | 2.60 | .44 | .58 | .73 | 31.1 | 9.1 | 2.91 | .44 | .59 | .74 | 29.7 | 8.7 | 3.25 | .44 | .60 | .76 |
| | 1100 | 520 | 34.0 | 10.0 | 2.34 | .44 | .59 | .74 | 32.7 | 9.6 | 2.61 | .44 | .60 | .76 | 31.4 | 9.2 | 2.92 | .45 | .61 | .77 | 30.0 | 8.8 | 3.26 | .45 | .62 | .79 |

HS29-030 - CH23-41 COOLING CAPACITY TXV & RFC

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | 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 |
| 63°F (17°C) | 900 | 425 | 30.2 | 8.9 | 2.21 | .74 | .88 | .99 | 29.1 | 8.5 | 2.46 | .75 | .90 | 1.00 | 28.0 | 8.2 | 2.75 | .76 | .91 | 1.00 | 26.8 | 7.9 | 3.08 | .78 | .93 | 1.00 |
| | 1000 | 470 | 30.8 | 9.0 | 2.22 | .76 | .91 | 1.00 | 29.7 | 8.7 | 2.48 | .78 | .93 | 1.00 | 28.5 | 8.4 | 2.77 | .79 | .95 | 1.00 | 27.3 | 8.0 | 3.10 | .81 | .96 | 1.00 |
| | 1100 | 520 | 31.3 | 9.2 | 2.23 | .79 | .94 | 1.00 | 30.2 | 8.9 | 2.48 | .80 | .96 | 1.00 | 29.0 | 8.5 | 2.78 | .82 | .98 | 1.00 | 27.7 | 8.1 | 3.11 | .84 | .99 | 1.00 |
| 67°F (19°C) | 900 | 425 | 32.1 | 9.4 | 2.24 | .58 | .71 | .85 | 31.0 | 9.1 | 2.50 | .58 | .72 | .86 | 29.7 | 8.7 | 2.80 | .59 | .74 | .88 | 28.3 | 8.3 | 3.12 | .60 | .76 | .90 |
| | 1000 | 470 | 32.6 | 9.6 | 2.25 | .59 | .74 | .88 | 31.4 | 9.2 | 2.51 | .60 | .75 | .90 | 30.1 | 8.8 | 2.81 | .61 | .77 | .91 | 28.7 | 8.4 | 3.14 | .62 | .79 | .93 |
| | 1100 | 520 | 33.0 | 9.7 | 2.26 | .61 | .77 | .91 | 31.8 | 9.3 | 2.52 | .61 | .78 | .93 | 30.5 | 8.9 | 2.81 | .63 | .80 | .95 | 29.1 | 8.5 | 3.15 | .64 | .81 | .97 |
| 71°F (22°C) | 900 | 425 | 34.3 | 10.1 | 2.29 | .43 | .56 | .69 | 33.0 | 9.7 | 2.55 | .43 | .57 | .70 | 31.7 | 9.3 | 2.84 | .43 | .57 | .71 | 30.2 | 8.9 | 3.18 | .44 | .59 | .73 |
| | 1000 | 470 | 34.7 | 10.2 | 2.30 | .44 | .58 | .72 | 33.5 | 9.8 | 2.56 | .44 | .58 | .73 | 32.1 | 9.4 | 2.85 | .44 | .59 | .74 | 30.6 | 9.0 | 3.19 | .44 | .60 | .76 |
| | 1100 | 520 | 35.1 | 10.3 | 2.30 | .44 | .59 | .74 | 33.8 | 9.9 | 2.57 | .44 | .60 | .76 | 32.4 | 9.5 | 2.86 | .45 | .61 | .77 | 30.9 | 9.1 | 3.20 | .45 | .62 | .79 |

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS29-030 - CB29M-21/26 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|------------------------|-----|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|-----|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 900 | 425 | 30.0 | 8.8 | 2.45 | .74 | .88 | .99 | 29.0 | 8.5 | 2.74 | .75 | .90 | .99 | 28.0 | 8.2 | 3.07 | .77 | .91 | 1.00 | 26.8 | 7.9 | 3.45 | .78 | .93 | 1.00 |
| | 950 | 450 | 30.3 | 8.9 | 2.46 | .75 | .90 | .99 | 29.3 | 8.6 | 2.75 | .76 | .91 | 1.00 | 28.2 | 8.3 | 3.08 | .78 | .93 | 1.00 | 27.0 | 7.9 | 3.45 | .79 | .94 | 1.00 |
| | 1000 | 470 | 30.5 | 8.9 | 2.46 | .76 | .91 | 1.00 | 29.5 | 8.6 | 2.75 | .78 | .93 | 1.00 | 28.4 | 8.3 | 3.08 | .79 | .94 | 1.00 | 27.3 | 8.0 | 3.46 | .81 | .96 | 1.00 |
| 67°F (19°C) | 900 | 425 | 31.9 | 9.3 | 2.48 | .58 | .71 | .85 | 30.8 | 9.0 | 2.78 | .58 | .73 | .86 | 29.6 | 8.7 | 3.11 | .59 | .74 | .88 | 28.3 | 8.3 | 3.48 | .60 | .76 | .90 |
| | 950 | 450 | 32.1 | 9.4 | 2.49 | .58 | .73 | .87 | 31.0 | 9.1 | 2.78 | .59 | .74 | .88 | 29.8 | 8.7 | 3.11 | .60 | .75 | .90 | 28.5 | 8.4 | 3.49 | .61 | .77 | .91 |
| | 1000 | 470 | 32.3 | 9.5 | 2.49 | .59 | .74 | .88 | 31.1 | 9.1 | 2.79 | .60 | .75 | .89 | 30.0 | 8.8 | 3.12 | .60 | .77 | .91 | 28.7 | 8.4 | 3.49 | .62 | .78 | .93 |
| 71°F (22°C) | 900 | 425 | 33.9 | 9.9 | 2.52 | .43 | .56 | .69 | 32.7 | 9.6 | 2.82 | .43 | .57 | .70 | 31.5 | 9.2 | 3.15 | .43 | .57 | .71 | 30.2 | 8.9 | 3.53 | .44 | .58 | .73 |
| | 950 | 450 | 34.1 | 10.0 | 2.53 | .43 | .57 | .70 | 32.9 | 9.6 | 2.82 | .43 | .57 | .72 | 31.7 | 9.3 | 3.16 | .44 | .58 | .73 | 30.3 | 8.9 | 3.54 | .44 | .59 | .75 |
| | 1000 | 470 | 34.3 | 10.1 | 2.53 | .43 | .57 | .72 | 33.2 | 9.7 | 2.83 | .44 | .58 | .73 | 31.9 | 9.3 | 3.16 | .44 | .59 | .74 | 30.5 | 8.9 | 3.54 | .44 | .60 | .76 |

HS29-030 - CB29M-31 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|------------------------|-----|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|-----|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 900 | 425 | 29.9 | 8.8 | 2.31 | .74 | .88 | .98 | 28.9 | 8.5 | 2.59 | .75 | .89 | 1.00 | 27.8 | 8.1 | 2.90 | .76 | .91 | 1.00 | 26.6 | 7.8 | 3.25 | .78 | .93 | 1.00 |
| | 1000 | 470 | 30.4 | 8.9 | 2.32 | .76 | .91 | 1.00 | 29.4 | 8.6 | 2.60 | .77 | .92 | 1.00 | 28.3 | 8.3 | 2.91 | .79 | .94 | 1.00 | 27.1 | 7.9 | 3.26 | .81 | .96 | 1.00 |
| | 1100 | 520 | 30.9 | 9.1 | 2.33 | .79 | .94 | 1.00 | 29.8 | 8.7 | 2.61 | .80 | .95 | 1.00 | 28.7 | 8.4 | 2.92 | .81 | .97 | 1.00 | 27.5 | 8.1 | 3.27 | .83 | .98 | 1.00 |
| 67°F (19°C) | 900 | 425 | 31.7 | 9.3 | 2.35 | .57 | .71 | .85 | 30.6 | 9.0 | 2.62 | .58 | .73 | .86 | 29.4 | 8.6 | 2.93 | .59 | .74 | .88 | 28.2 | 8.3 | 3.28 | .60 | .75 | .90 |
| | 1000 | 470 | 32.2 | 9.4 | 2.36 | .59 | .74 | .88 | 31.0 | 9.1 | 2.63 | .59 | .75 | .89 | 29.8 | 8.7 | 2.94 | .60 | .77 | .91 | 28.5 | 8.4 | 3.29 | .61 | .78 | .93 |
| | 1100 | 520 | 32.5 | 9.5 | 2.36 | .60 | .76 | .91 | 31.4 | 9.2 | 2.64 | .61 | .78 | .92 | 30.1 | 8.8 | 2.95 | .62 | .79 | .94 | 28.8 | 8.4 | 3.30 | .63 | .81 | .96 |
| 71°F (22°C) | 900 | 425 | 33.8 | 9.9 | 2.39 | .43 | .56 | .69 | 32.6 | 9.6 | 2.66 | .43 | .57 | .70 | 31.4 | 9.2 | 2.98 | .43 | .57 | .72 | 30.0 | 8.8 | 3.33 | .44 | .58 | .73 |
| | 1000 | 470 | 34.2 | 10.0 | 2.39 | .43 | .57 | .71 | 33.0 | 9.7 | 2.67 | .44 | .58 | .73 | 31.7 | 9.3 | 2.99 | .44 | .59 | .74 | 30.3 | 8.9 | 3.34 | .45 | .60 | .76 |
| | 1100 | 520 | 34.6 | 10.1 | 2.40 | .44 | .59 | .74 | 33.4 | 9.8 | 2.68 | .44 | .60 | .75 | 32.1 | 9.4 | 3.00 | .45 | .61 | .77 | 30.6 | 9.0 | 3.35 | .45 | .62 | .79 |

HS29-030 - CB29M-41 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|------------------------|-----|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|-----|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 900 | 425 | 30.3 | 8.9 | 2.31 | .74 | .88 | .99 | 29.3 | 8.6 | 2.58 | .75 | .89 | 1.00 | 28.2 | 8.3 | 2.88 | .76 | .90 | 1.00 | 26.9 | 7.9 | 3.23 | .78 | .93 | 1.00 |
| | 1000 | 470 | 30.9 | 9.1 | 2.32 | .76 | .91 | 1.00 | 29.8 | 8.7 | 2.59 | .77 | .92 | 1.00 | 28.7 | 8.4 | 2.90 | .79 | .94 | 1.00 | 27.4 | 8.0 | 3.24 | .80 | .96 | 1.00 |
| | 1100 | 520 | 31.3 | 9.2 | 2.33 | .78 | .94 | 1.00 | 30.3 | 8.9 | 2.60 | .80 | .95 | 1.00 | 29.1 | 8.5 | 2.91 | .81 | .97 | 1.00 | 27.9 | 8.2 | 3.25 | .83 | .98 | 1.00 |
| 67°F (19°C) | 900 | 425 | 32.3 | 9.5 | 2.34 | .57 | .71 | .85 | 31.1 | 9.1 | 2.62 | .58 | .72 | .86 | 29.9 | 8.8 | 2.92 | .59 | .74 | .88 | 28.6 | 8.4 | 3.27 | .60 | .75 | .90 |
| | 1000 | 470 | 32.7 | 9.6 | 2.35 | .59 | .74 | .88 | 31.5 | 9.2 | 2.62 | .60 | .75 | .89 | 30.3 | 8.9 | 2.93 | .60 | .76 | .91 | 28.9 | 8.5 | 3.28 | .61 | .78 | .93 |
| | 1100 | 520 | 33.1 | 9.7 | 2.36 | .60 | .76 | .91 | 31.9 | 9.3 | 2.63 | .61 | .77 | .92 | 30.6 | 9.0 | 2.94 | .62 | .79 | .94 | 29.2 | 8.6 | 3.29 | .63 | .81 | .96 |
| 71°F (22°C) | 900 | 425 | 34.4 | 10.1 | 2.38 | .43 | .56 | .69 | 33.2 | 9.7 | 2.66 | .43 | .56 | .70 | 31.9 | 9.3 | 2.97 | .43 | .57 | .71 | 30.4 | 8.9 | 3.32 | .44 | .58 | .73 |
| | 1000 | 470 | 34.8 | 10.2 | 2.39 | .43 | .57 | .71 | 33.6 | 9.8 | 2.67 | .43 | .58 | .72 | 32.2 | 9.4 | 2.98 | .44 | .59 | .74 | 30.8 | 9.0 | 3.34 | .44 | .60 | .76 |
| | 1100 | 520 | 35.2 | 10.3 | 2.40 | .44 | .59 | .74 | 33.9 | 9.9 | 2.68 | .44 | .60 | .75 | 32.6 | 9.6 | 2.99 | .44 | .61 | .77 | 31.1 | 9.1 | 3.34 | .45 | .62 | .79 |

HS29-030 - CB30M-21/26 - CB30U-21/26 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|------------------------|-----|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|-----|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 800 | 380 | 30.1 | 8.8 | 2.25 | .71 | .84 | .96 | 29.1 | 8.5 | 2.52 | .72 | .86 | .97 | 27.9 | 8.2 | 2.82 | .73 | .87 | .99 | 26.7 | 7.8 | 3.16 | .75 | .89 | 1.00 |
| | 900 | 425 | 30.8 | 9.0 | 2.27 | .74 | .87 | .99 | 29.7 | 8.7 | 2.53 | .75 | .89 | 1.00 | 28.5 | 8.4 | 2.83 | .76 | .91 | 1.00 | 27.3 | 8.0 | 3.17 | .78 | .93 | 1.00 |
| | 1000 | 470 | 31.3 | 9.2 | 2.28 | .76 | .91 | 1.00 | 30.2 | 8.9 | 2.54 | .77 | .92 | 1.00 | 29.0 | 8.5 | 2.84 | .79 | .94 | 1.00 | 27.8 | 8.1 | 3.18 | .81 | .96 | 1.00 |
| 67°F (19°C) | 800 | 380 | 32.1 | 9.4 | 2.29 | .56 | .69 | .81 | 31.0 | 9.1 | 2.56 | .56 | .70 | .82 | 29.8 | 8.7 | 2.86 | .57 | .71 | .84 | 28.4 | 8.3 | 3.20 | .58 | .72 | .86 |
| | 900 | 425 | 32.7 | 9.6 | 2.30 | .57 | .71 | .84 | 31.5 | 9.2 | 2.57 | .58 | .72 | .86 | 30.3 | 8.9 | 2.87 | .59 | .74 | .88 | 28.9 | 8.5 | 3.21 | .60 | .75 | .90 |
| | 1000 | 470 | 33.2 | 9.7 | 2.31 | .59 | .73 | .88 | 32.0 | 9.4 | 2.58 | .59 | .75 | .89 | 30.7 | 9.0 | 2.88 | .60 | .76 | .91 | 29.3 | 8.6 | 3.23 | .62 | .78 | .93 |
| 71°F (22°C) | 800 | 380 | 34.3 | 10.1 | 2.34 | .43 | .54 | .66 | 33.1 | 9.7 | 2.60 | .43 | .55 | .67 | 31.8 | 9.3 | 2.91 | .43 | .55 | .68 | 30.4 | 8.9 | 3.25 | .43 | .56 | .69 |
| | 900 | 425 | 34.9 | 10.2 | 2.35 | .43 | .56 | .68 | 33.6 | 9.8 | 2.62 | .43 | .57 | .70 | 32.3 | 9.5 | 2.92 | .43 | .57 | .71 | 30.8 | 9.0 | 3.27 | .44 | .58 | .73 |
| | 1000 | 470 | 35.3 | 10.3 | 2.36 | .43 | .57 | .71 | 34.1 | 10.0 | 2.63 | .43 | .58 | .72 | 32.7 | 9.6 | 2.93 | .44 | .59 | .74 | 31.2 | 9.1 | 3.28 | .44 | .60 | .76 |

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS29-030 - CB30M-31 - CB30U-31 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|------|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | |
| cfm | L/s | kBtuh | kW | 75°F 24°C | 80°F 27°C | 85°F 29°C | kBtuh | kW | Comp Motor kW Input | 75°F 24°C | 80°F 27°C | 85°F 29°C | kBtuh | kW | Comp Motor kW Input | 75°F 24°C | 80°F 27°C | 85°F 29°C | kBtuh | kW | Comp Motor kW Input | 75°F 24°C | 80°F 27°C | 85°F 29°C | | |
| 63°F (17°C) | 850 | 400 | 31.1 | 9.1 | 2.33 | .72 | .86 | .97 | 30.0 | 8.8 | 2.60 | .73 | .87 | .99 | 28.8 | 8.4 | 2.91 | .74 | .89 | 1.00 | 27.5 | 8.1 | 3.25 | .76 | .91 | 1.00 |
| | 1000 | 470 | 32.0 | 9.4 | 2.35 | .76 | .91 | 1.00 | 30.8 | 9.0 | 2.62 | .77 | .92 | 1.00 | 29.6 | 8.7 | 2.93 | .79 | .94 | 1.00 | 28.3 | 8.3 | 3.28 | .81 | .96 | 1.00 |
| | 1150 | 545 | 32.7 | 9.6 | 2.36 | .80 | .95 | 1.00 | 31.6 | 9.3 | 2.64 | .81 | .97 | 1.00 | 30.3 | 8.9 | 2.95 | .83 | .98 | 1.00 | 29.0 | 8.5 | 3.30 | .85 | 1.00 | 1.00 |
| 67°F (19°C) | 850 | 400 | 33.1 | 9.7 | 2.37 | .57 | .70 | .82 | 31.9 | 9.3 | 2.64 | .57 | .71 | .84 | 30.6 | 9.0 | 2.95 | .58 | .72 | .86 | 29.2 | 8.6 | 3.30 | .59 | .74 | .87 |
| | 1000 | 470 | 33.9 | 9.9 | 2.39 | .59 | .73 | .87 | 32.7 | 9.6 | 2.66 | .59 | .75 | .89 | 31.3 | 9.2 | 2.97 | .60 | .76 | .91 | 29.9 | 8.8 | 3.32 | .61 | .78 | .93 |
| | 1150 | 545 | 34.5 | 10.1 | 2.40 | .61 | .77 | .92 | 33.3 | 9.8 | 2.67 | .62 | .79 | .94 | 31.9 | 9.3 | 2.99 | .63 | .80 | .96 | 30.4 | 8.9 | 3.34 | .64 | .82 | .98 |
| 71°F (22°C) | 850 | 400 | 35.4 | 10.4 | 2.42 | .42 | .55 | .67 | 34.1 | 10.0 | 2.69 | .43 | .55 | .68 | 32.7 | 9.6 | 3.01 | .43 | .56 | .69 | 31.2 | 9.1 | 3.36 | .43 | .57 | .71 |
| | 1000 | 470 | 36.2 | 10.6 | 2.43 | .43 | .57 | .71 | 34.8 | 10.2 | 2.71 | .44 | .58 | .72 | 33.4 | 9.8 | 3.02 | .44 | .59 | .74 | 31.9 | 9.3 | 3.38 | .44 | .60 | .76 |
| | 1150 | 545 | 36.8 | 10.8 | 2.45 | .44 | .60 | .75 | 35.4 | 10.4 | 2.72 | .44 | .60 | .77 | 33.9 | 9.9 | 3.04 | .45 | .62 | .78 | 32.3 | 9.5 | 3.39 | .46 | .63 | .80 |

HS29-030 - CB30M-41 - CB30U-41/46 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-----|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | |
| cfm | L/s | kBtuh | kW | 75°F 24°C | 80°F 27°C | 85°F 29°C | kBtuh | kW | Comp Motor kW Input | 75°F 24°C | 80°F 27°C | 85°F 29°C | kBtuh | kW | Comp Motor kW Input | 75°F 24°C | 80°F 27°C | 85°F 29°C | kBtuh | kW | Comp Motor kW Input | 75°F 24°C | 80°F 27°C | 85°F 29°C | | |
| 63°F (17°C) | 900 | 425 | 31.7 | 9.3 | 2.34 | .73 | .87 | .99 | 30.6 | 9.0 | 2.61 | .75 | .89 | 1.00 | 29.3 | 8.6 | 2.92 | .76 | .91 | 1.00 | 28.0 | 8.2 | 3.27 | .77 | .93 | 1.00 |
| | 1000 | 470 | 32.3 | 9.5 | 2.35 | .76 | .91 | 1.00 | 31.2 | 9.1 | 2.62 | .77 | .92 | 1.00 | 29.9 | 8.8 | 2.93 | .79 | .94 | 1.00 | 28.5 | 8.4 | 3.28 | .80 | .96 | 1.00 |
| | 1100 | 520 | 32.9 | 9.6 | 2.36 | .78 | .94 | 1.00 | 31.6 | 9.3 | 2.64 | .80 | .96 | 1.00 | 30.4 | 8.9 | 2.95 | .81 | .97 | 1.00 | 29.0 | 8.5 | 3.29 | .83 | .99 | 1.00 |
| 67°F (19°C) | 900 | 425 | 33.8 | 9.9 | 2.38 | .57 | .71 | .84 | 32.5 | 9.5 | 2.66 | .58 | .72 | .85 | 31.2 | 9.1 | 2.96 | .59 | .73 | .87 | 29.8 | 8.7 | 3.31 | .59 | .75 | .90 |
| | 1000 | 470 | 34.3 | 10.1 | 2.39 | .59 | .73 | .87 | 33.0 | 9.7 | 2.67 | .59 | .75 | .89 | 31.7 | 9.3 | 2.98 | .60 | .76 | .91 | 30.2 | 8.9 | 3.33 | .61 | .78 | .93 |
| | 1100 | 520 | 34.8 | 10.2 | 2.40 | .60 | .76 | .91 | 33.5 | 9.8 | 2.68 | .61 | .77 | .93 | 32.0 | 9.4 | 2.99 | .62 | .79 | .94 | 30.5 | 8.9 | 3.34 | .63 | .81 | .96 |
| 71°F (22°C) | 900 | 425 | 36.1 | 10.6 | 2.43 | .43 | .55 | .68 | 34.8 | 10.2 | 2.71 | .43 | .56 | .69 | 33.3 | 9.8 | 3.02 | .43 | .57 | .71 | 31.8 | 9.3 | 3.37 | .43 | .58 | .72 |
| | 1000 | 470 | 36.6 | 10.7 | 2.44 | .43 | .57 | .71 | 35.2 | 10.3 | 2.72 | .43 | .58 | .72 | 33.8 | 9.9 | 3.03 | .44 | .59 | .74 | 32.2 | 9.4 | 3.39 | .44 | .60 | .76 |
| | 1100 | 520 | 37.0 | 10.8 | 2.45 | .44 | .59 | .73 | 35.7 | 10.5 | 2.73 | .44 | .59 | .75 | 34.1 | 10.0 | 3.04 | .45 | .61 | .77 | 32.5 | 9.5 | 3.40 | .45 | .62 | .79 |

HS29-030 - CB31MV-41 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-----|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | |
| cfm | L/s | kBtuh | kW | 75°F 24°C | 80°F 27°C | 85°F 29°C | kBtuh | kW | Comp Motor kW Input | 75°F 24°C | 80°F 27°C | 85°F 29°C | kBtuh | kW | Comp Motor kW Input | 75°F 24°C | 80°F 27°C | 85°F 29°C | kBtuh | kW | Comp Motor kW Input | 75°F 24°C | 80°F 27°C | 85°F 29°C | | |
| 63°F (17°C) | 900 | 425 | 31.6 | 9.3 | 2.34 | .73 | .87 | .99 | 30.5 | 8.9 | 2.61 | .74 | .89 | 1.00 | 29.3 | 8.6 | 2.92 | .76 | .90 | 1.00 | 27.9 | 8.2 | 3.27 | .78 | .93 | 1.00 |
| | 975 | 460 | 32.1 | 9.4 | 2.35 | .75 | .90 | 1.00 | 30.9 | 9.1 | 2.62 | .77 | .92 | 1.00 | 29.7 | 8.7 | 2.93 | .78 | .93 | 1.00 | 28.3 | 8.3 | 3.28 | .80 | .95 | 1.00 |
| | 1090 | 515 | 32.7 | 9.6 | 2.36 | .78 | .93 | 1.00 | 31.5 | 9.2 | 2.64 | .79 | .95 | 1.00 | 30.2 | 8.9 | 2.95 | .81 | .97 | 1.00 | 28.9 | 8.5 | 3.30 | .83 | .99 | 1.00 |
| 67°F (19°C) | 900 | 425 | 33.7 | 9.9 | 2.38 | .57 | .71 | .84 | 32.4 | 9.5 | 2.66 | .58 | .72 | .86 | 31.1 | 9.1 | 2.97 | .59 | .73 | .87 | 29.7 | 8.7 | 3.32 | .60 | .75 | .90 |
| | 975 | 460 | 34.1 | 10.0 | 2.39 | .58 | .73 | .87 | 32.8 | 9.6 | 2.67 | .59 | .74 | .88 | 31.5 | 9.2 | 2.98 | .60 | .75 | .90 | 30.0 | 8.8 | 3.33 | .61 | .77 | .92 |
| | 1090 | 515 | 34.6 | 10.1 | 2.40 | .60 | .76 | .90 | 33.3 | 9.8 | 2.68 | .61 | .77 | .92 | 31.9 | 9.3 | 2.99 | .62 | .79 | .94 | 30.4 | 8.9 | 3.34 | .63 | .81 | .96 |
| 71°F (22°C) | 900 | 425 | 36.0 | 10.6 | 2.43 | .43 | .56 | .68 | 34.6 | 10.1 | 2.71 | .43 | .56 | .69 | 33.2 | 9.7 | 3.02 | .43 | .57 | .71 | 31.7 | 9.3 | 3.38 | .44 | .58 | .73 |
| | 975 | 460 | 36.4 | 10.7 | 2.44 | .43 | .57 | .70 | 35.0 | 10.3 | 2.72 | .43 | .57 | .71 | 33.6 | 9.8 | 3.03 | .44 | .58 | .73 | 32.0 | 9.4 | 3.39 | .44 | .59 | .75 |
| | 1090 | 515 | 36.9 | 10.8 | 2.45 | .44 | .59 | .73 | 35.5 | 10.4 | 2.73 | .44 | .59 | .75 | 34.0 | 10.0 | 3.04 | .44 | .61 | .76 | 32.4 | 9.5 | 3.40 | .45 | .62 | .78 |

HS29-030 - CVP10-31/EC10Q3 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|------|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | |
| cfm | L/s | kBtuh | kW | 75°F 24°C | 80°F 27°C | 85°F 29°C | kBtuh | kW | Comp Motor kW Input | 75°F 24°C | 80°F 27°C | 85°F 29°C | kBtuh | kW | Comp Motor kW Input | 75°F 24°C | 80°F 27°C | 85°F 29°C | kBtuh | kW | Comp Motor kW Input | 75°F 24°C | 80°F 27°C | 85°F 29°C | | |
| 63°F (17°C) | 800 | 380 | 29.3 | 8.6 | 2.28 | .71 | .84 | .96 | 28.2 | 8.3 | 2.54 | .72 | .85 | .97 | 27.1 | 7.9 | 2.84 | .73 | .87 | .99 | 25.9 | 7.6 | 3.19 | .74 | .89 | 1.00 |
| | 1000 | 470 | 30.4 | 8.9 | 2.30 | .76 | .90 | 1.00 | 29.4 | 8.6 | 2.57 | .77 | .92 | 1.00 | 28.2 | 8.3 | 2.87 | .78 | .94 | 1.00 | 27.0 | 7.9 | 3.21 | .80 | .96 | 1.00 |
| | 1200 | 565 | 31.4 | 9.2 | 2.32 | .81 | .96 | 1.00 | 30.3 | 8.9 | 2.59 | .82 | .97 | 1.00 | 29.2 | 8.6 | 2.89 | .84 | .99 | 1.00 | 27.9 | 8.2 | 3.24 | .86 | 1.00 | 1.00 |
| 67°F (19°C) | 800 | 380 | 31.2 | 9.1 | 2.32 | .56 | .69 | .81 | 30.1 | 8.8 | 2.58 | .56 | .69 | .82 | 28.9 | 8.5 | 2.89 | .57 | .71 | .83 | 27.6 | 8.1 | 3.23 | .58 | .72 | .86 |
| | 1000 | 470 | 32.3 | 9.5 | 2.34 | .59 | .73 | .87 | 31.1 | 9.1 | 2.61 | .59 | .75 | .89 | 29.8 | 8.7 | 2.91 | .60 | .76 | .91 | 28.5 | 8.4 | 3.26 | .61 | .78 | .93 |
| | 1200 | 565 | 33.1 | 9.7 | 2.35 | .62 | .78 | .93 | 31.8 | 9.3 | 2.62 | .63 | .80 | .95 | 30.5 | 8.9 | 2.93 | .64 | .82 | .96 | 29.1 | 8.5 | 3.28 | .65 | .84 | .98 |
| 71°F (22°C) | 800 | 380 | 33.3 | 9.8 | 2.36 | .42 | .54 | .66 | 32.2 | 9.4 | 2.63 | .43 | .55 | .66 | 30.9 | 9.1 | 2.94 | .43 | .55 | .68 | 29.5 | 8.6 | 3.28 | .43 | .56 | .69 |
| | 1000 | 470 | 34.4 | 10.1 | 2.38 | .43 | .57 | .71 | 33.2 | 9.7 | 2.65 | .43 | .58 | .72 | 31.8 | 9.3 | 2.96 | .44 | .59 | .74 | 30.4 | 8.9 | 3.31 | .44 | .60 | .75 |
| | 1200 | 565 | 35.2 | 10.3 | 2.40 | .44 | .60 | .76 | 33.8 | 9.9 | 2.67 | .45 | .61 | .78 | 32.4 | 9.5 | 2.98 | .45 | .62 | .79 | 31.0 | 9.1 | 3.33 | .45 | .64 | .82 |

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS29-030 - CVP10-41/EC10Q3 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-------------|------------------------|-------|---------------------|-------------------------------|--------------|-----------|------------------------|-----|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|------|------|
| | | | 85°F (29°C) | | | | | 95°F (35°C) | | | | | 105°F (41°C) | | | | | 115°F (46°C) | | | | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 800 | 380 | 29.6 | 8.7 | 2.28 | .71 | .84 | .95 | 28.5 | 8.4 | 2.55 | .72 | .85 | .97 | 27.4 | 8.0 | 2.85 | .73 | .87 | .99 | 26.2 | 7.7 | 3.19 | .74 | .89 | 1.00 |
| | 1000 | 470 | 30.8 | 9.0 | 2.31 | .76 | .90 | 1.00 | 29.7 | 8.7 | 2.57 | .77 | .92 | 1.00 | 28.5 | 8.4 | 2.88 | .78 | .94 | 1.00 | 27.2 | 8.0 | 3.22 | .80 | .96 | 1.00 |
| | 1200 | 565 | 31.8 | 9.3 | 2.33 | .80 | .96 | 1.00 | 30.7 | 9.0 | 2.60 | .82 | .97 | 1.00 | 29.5 | 8.6 | 2.90 | .84 | .99 | 1.00 | 28.3 | 8.3 | 3.25 | .86 | 1.00 | 1.00 |
| 67°F (19°C) | 800 | 380 | 31.6 | 9.3 | 2.32 | .56 | .68 | .80 | 30.5 | 8.9 | 2.59 | .56 | .69 | .82 | 29.3 | 8.6 | 2.89 | .57 | .70 | .83 | 27.9 | 8.2 | 3.24 | .58 | .72 | .85 |
| | 1000 | 470 | 32.8 | 9.6 | 2.35 | .59 | .73 | .87 | 31.5 | 9.2 | 2.62 | .59 | .75 | .89 | 30.2 | 8.9 | 2.92 | .60 | .76 | .91 | 28.9 | 8.5 | 3.26 | .61 | .78 | .93 |
| | 1200 | 565 | 33.6 | 9.8 | 2.36 | .61 | .78 | .93 | 32.3 | 9.5 | 2.63 | .62 | .80 | .95 | 31.0 | 9.1 | 2.94 | .63 | .81 | .96 | 29.5 | 8.6 | 3.29 | .65 | .83 | .99 |
| 71°F (22°C) | 800 | 380 | 33.8 | 9.9 | 2.37 | .42 | .54 | .65 | 32.6 | 9.6 | 2.64 | .42 | .54 | .66 | 31.3 | 9.2 | 2.95 | .42 | .55 | .67 | 29.9 | 8.8 | 3.30 | .43 | .56 | .69 |
| | 1000 | 470 | 34.9 | 10.2 | 2.39 | .43 | .57 | .71 | 33.6 | 9.8 | 2.67 | .43 | .58 | .72 | 32.3 | 9.5 | 2.97 | .44 | .59 | .73 | 30.8 | 9.0 | 3.32 | .44 | .60 | .75 |
| | 1200 | 565 | 35.7 | 10.5 | 2.41 | .44 | .60 | .76 | 34.4 | 10.1 | 2.68 | .45 | .61 | .77 | 32.9 | 9.6 | 3.00 | .45 | .62 | .79 | 31.4 | 9.2 | 3.34 | .46 | .64 | .82 |

HS29-036 - C23-31 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-------------|------------------------|-------|---------------------|-------------------------------|--------------|-----------|------------------------|------|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|-----|------|
| | | | 85°F (29°C) | | | | | 95°F (35°C) | | | | | 105°F (41°C) | | | | | 115°F (46°C) | | | | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 900 | 425 | 32.7 | 9.6 | 2.73 | .70 | .83 | .94 | 31.6 | 9.3 | 3.05 | .71 | .84 | .96 | 30.5 | 8.9 | 3.42 | .72 | .86 | .97 | 29.3 | 8.6 | 3.84 | .73 | .87 | .98 |
| | 1000 | 470 | 33.3 | 9.8 | 2.74 | .72 | .86 | .97 | 32.2 | 9.4 | 3.06 | .73 | .87 | .98 | 31.0 | 9.1 | 3.43 | .74 | .88 | .99 | 29.8 | 8.7 | 3.86 | .76 | .90 | 1.00 |
| | 1100 | 520 | 33.8 | 9.9 | 2.75 | .74 | .88 | .99 | 32.7 | 9.6 | 3.07 | .75 | .90 | .99 | 31.5 | 9.2 | 3.44 | .76 | .91 | 1.00 | 30.2 | 8.9 | 3.87 | .78 | .93 | 1.00 |
| 67°F (19°C) | 900 | 425 | 34.8 | 10.2 | 2.77 | .56 | .68 | .80 | 33.7 | 9.9 | 3.09 | .56 | .69 | .81 | 32.5 | 9.5 | 3.46 | .57 | .70 | .82 | 31.2 | 9.1 | 3.89 | .57 | .71 | .84 |
| | 1000 | 470 | 35.4 | 10.4 | 2.78 | .56 | .69 | .82 | 34.2 | 10.0 | 3.10 | .57 | .70 | .84 | 32.9 | 9.6 | 3.47 | .58 | .72 | .85 | 31.6 | 9.3 | 3.90 | .59 | .73 | .87 |
| | 1100 | 520 | 35.8 | 10.5 | 2.79 | .58 | .72 | .85 | 34.6 | 10.1 | 3.11 | .58 | .73 | .86 | 33.3 | 9.8 | 3.48 | .59 | .74 | .88 | 32.0 | 9.4 | 3.91 | .60 | .75 | .90 |
| 71°F (22°C) | 900 | 425 | 37.1 | 10.9 | 2.81 | .42 | .54 | .65 | 35.9 | 10.5 | 3.14 | .42 | .54 | .66 | 34.6 | 10.1 | 3.51 | .42 | .55 | .67 | 33.3 | 9.8 | 3.94 | .43 | .56 | .68 |
| | 1000 | 470 | 37.6 | 11.0 | 2.82 | .43 | .55 | .67 | 36.4 | 10.7 | 3.15 | .43 | .55 | .68 | 35.1 | 10.3 | 3.52 | .43 | .56 | .69 | 33.7 | 9.9 | 3.95 | .43 | .57 | .71 |
| | 1100 | 520 | 38.1 | 11.2 | 2.83 | .43 | .56 | .69 | 36.8 | 10.8 | 3.16 | .43 | .57 | .70 | 35.5 | 10.4 | 3.53 | .43 | .57 | .72 | 34.1 | 10.0 | 3.96 | .44 | .58 | .73 |

HS29-036 - C23-41 COOLING CAPACITY TXV & RFC

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-------------|------------------------|-------|---------------------|-------------------------------|--------------|-----------|------------------------|------|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|-----|------|
| | | | 85°F (29°C) | | | | | 95°F (35°C) | | | | | 105°F (41°C) | | | | | 115°F (46°C) | | | | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 1000 | 470 | 33.8 | 9.9 | 2.69 | .72 | .86 | .97 | 32.7 | 9.6 | 3.00 | .73 | .87 | .98 | 31.5 | 9.2 | 3.36 | .74 | .88 | .99 | 30.2 | 8.9 | 3.78 | .75 | .90 | 1.00 |
| | 1200 | 565 | 34.8 | 10.2 | 2.71 | .76 | .91 | 1.00 | 33.6 | 9.8 | 3.03 | .77 | .92 | 1.00 | 32.4 | 9.5 | 3.39 | .79 | .94 | 1.00 | 31.1 | 9.1 | 3.80 | .80 | .95 | 1.00 |
| | 1400 | 660 | 35.6 | 10.4 | 2.72 | .80 | .95 | 1.00 | 34.4 | 10.1 | 3.04 | .81 | .96 | 1.00 | 33.2 | 9.7 | 3.40 | .82 | .97 | 1.00 | 31.9 | 9.3 | 3.82 | .84 | .99 | 1.00 |
| 67°F (19°C) | 1000 | 470 | 36.0 | 10.6 | 2.73 | .56 | .69 | .82 | 34.7 | 10.2 | 3.04 | .57 | .71 | .84 | 33.5 | 9.8 | 3.41 | .58 | .71 | .85 | 32.1 | 9.4 | 3.83 | .59 | .73 | .87 |
| | 1200 | 565 | 36.8 | 10.8 | 2.74 | .59 | .73 | .87 | 35.5 | 10.4 | 3.06 | .59 | .75 | .89 | 34.2 | 10.0 | 3.43 | .60 | .76 | .91 | 32.8 | 9.6 | 3.84 | .61 | .78 | .92 |
| | 1400 | 660 | 37.5 | 11.0 | 2.76 | .61 | .77 | .92 | 36.2 | 10.6 | 3.07 | .62 | .79 | .94 | 34.8 | 10.2 | 3.44 | .63 | .80 | .95 | 33.4 | 9.8 | 3.86 | .64 | .82 | .97 |
| 71°F (22°C) | 1000 | 470 | 38.3 | 11.2 | 2.77 | .43 | .55 | .67 | 37.0 | 10.8 | 3.09 | .43 | .55 | .68 | 35.6 | 10.4 | 3.46 | .43 | .56 | .69 | 34.2 | 10.0 | 3.88 | .43 | .57 | .70 |
| | 1200 | 565 | 39.2 | 11.5 | 2.79 | .43 | .57 | .71 | 37.8 | 11.1 | 3.11 | .44 | .58 | .72 | 36.4 | 10.7 | 3.48 | .44 | .59 | .74 | 35.0 | 10.3 | 3.90 | .44 | .60 | .75 |
| | 1400 | 660 | 39.8 | 11.7 | 2.80 | .44 | .60 | .75 | 38.4 | 11.3 | 3.12 | .45 | .60 | .77 | 37.0 | 10.8 | 3.49 | .45 | .61 | .78 | 35.5 | 10.4 | 3.92 | .45 | .63 | .80 |

HS29-036 - C26-31 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-------------|------------------------|-------|---------------------|-------------------------------|--------------|-----------|------------------------|------|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|-----|------|
| | | | 85°F (29°C) | | | | | 95°F (35°C) | | | | | 105°F (41°C) | | | | | 115°F (46°C) | | | | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 900 | 425 | 34.5 | 10.1 | 2.71 | .70 | .83 | .94 | 33.2 | 9.7 | 3.02 | .71 | .84 | .96 | 32.0 | 9.4 | 3.38 | .72 | .86 | .97 | 30.7 | 9.0 | 3.80 | .73 | .87 | .99 |
| | 1000 | 470 | 35.1 | 10.3 | 2.72 | .72 | .86 | .97 | 33.9 | 9.9 | 3.03 | .73 | .87 | .98 | 32.6 | 9.6 | 3.40 | .74 | .89 | 1.00 | 31.2 | 9.1 | 3.81 | .76 | .90 | 1.00 |
| | 1100 | 520 | 35.7 | 10.5 | 2.73 | .74 | .88 | .99 | 34.4 | 10.1 | 3.05 | .75 | .90 | 1.00 | 33.1 | 9.7 | 3.40 | .77 | .92 | 1.00 | 31.8 | 9.3 | 3.82 | .78 | .93 | 1.00 |
| 67°F (19°C) | 900 | 425 | 36.7 | 10.8 | 2.75 | .56 | .68 | .79 | 35.5 | 10.4 | 3.06 | .56 | .68 | .81 | 34.1 | 10.0 | 3.43 | .57 | .70 | .82 | 32.7 | 9.6 | 3.85 | .57 | .71 | .84 |
| | 1000 | 470 | 37.4 | 11.0 | 2.76 | .56 | .70 | .82 | 36.0 | 10.6 | 3.08 | .57 | .71 | .84 | 34.6 | 10.1 | 3.45 | .58 | .72 | .85 | 33.2 | 9.7 | 3.87 | .58 | .73 | .87 |
| | 1100 | 520 | 37.9 | 11.1 | 2.77 | .58 | .72 | .85 | 36.5 | 10.7 | 3.09 | .58 | .73 | .87 | 35.1 | 10.3 | 3.46 | .59 | .74 | .88 | 33.7 | 9.9 | 3.87 | .60 | .76 | .90 |
| 71°F (22°C) | 900 | 425 | 39.2 | 11.5 | 2.80 | .42 | .54 | .65 | 37.9 | 11.1 | 3.12 | .42 | .54 | .66 | 36.5 | 10.7 | 3.49 | .42 | .55 | .67 | 35.0 | 10.3 | 3.91 | .43 | .55 | .68 |
| | 1000 | 470 | 39.8 | 11.7 | 2.81 | .42 | .55 | .67 | 38.4 | 11.3 | 3.13 | .43 | .55 | .68 | 37.0 | 10.8 | 3.50 | .43 | .56 | .69 | 35.5 | 10.4 | 3.93 | .43 | .57 | .71 |
| | 1100 | 520 | 40.4 | 11.8 | 2.82 | .43 | .56 | .69 | 38.9 | 11.4 | 3.14 | .43 | .57 | .70 | 37.5 | 11.0 | 3.52 | .43 | .58 | .71 | 35.9 | 10.5 | 3.94 | .44 | .58 | .73 |

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS29-036 - C23-46 COOLING CAPACITY TXV & RFC

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | 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 |
| 63°F (17°C) | 1000 | 470 | 35.0 | 10.3 | 2.78 | .72 | .85 | .97 | 33.8 | 9.9 | 3.10 | .73 | .87 | .98 | 32.6 | 9.6 | 3.47 | .74 | .88 | .99 | 31.2 | 9.1 | 3.91 | .75 | .90 | 1.00 |
| | 1200 | 565 | 36.1 | 10.6 | 2.80 | .75 | .90 | 1.00 | 34.8 | 10.2 | 3.13 | .77 | .92 | 1.00 | 33.5 | 9.8 | 3.50 | .78 | .93 | 1.00 | 32.2 | 9.4 | 3.93 | .80 | .95 | 1.00 |
| | 1400 | 660 | 37.0 | 10.8 | 2.82 | .79 | .95 | 1.00 | 35.7 | 10.5 | 3.15 | .81 | .96 | 1.00 | 34.4 | 10.1 | 3.52 | .82 | .97 | 1.00 | 33.1 | 9.7 | 3.95 | .84 | .99 | 1.00 |
| 67°F (19°C) | 1000 | 470 | 37.3 | 10.9 | 2.82 | .56 | .69 | .82 | 36.0 | 10.6 | 3.15 | .57 | .70 | .83 | 34.7 | 10.2 | 3.52 | .57 | .71 | .85 | 33.2 | 9.7 | 3.95 | .58 | .73 | .87 |
| | 1200 | 565 | 38.2 | 11.2 | 2.84 | .59 | .73 | .87 | 36.9 | 10.8 | 3.17 | .59 | .74 | .89 | 35.5 | 10.4 | 3.54 | .60 | .76 | .90 | 34.0 | 10.0 | 3.98 | .61 | .77 | .92 |
| | 1400 | 660 | 38.9 | 11.4 | 2.85 | .61 | .77 | .92 | 37.5 | 11.0 | 3.18 | .62 | .79 | .93 | 36.1 | 10.6 | 3.56 | .63 | .80 | .95 | 34.6 | 10.1 | 3.99 | .64 | .82 | .97 |
| 71°F (22°C) | 1000 | 470 | 39.7 | 11.6 | 2.87 | .43 | .55 | .67 | 38.4 | 11.3 | 3.20 | .43 | .55 | .68 | 37.0 | 10.8 | 3.58 | .43 | .56 | .69 | 35.5 | 10.4 | 4.01 | .43 | .57 | .70 |
| | 1200 | 565 | 40.7 | 11.9 | 2.89 | .43 | .57 | .71 | 39.3 | 11.5 | 3.22 | .44 | .58 | .72 | 37.8 | 11.1 | 3.60 | .44 | .59 | .74 | 36.3 | 10.6 | 4.04 | .44 | .60 | .75 |
| | 1400 | 660 | 41.4 | 12.1 | 2.91 | .44 | .59 | .75 | 39.9 | 11.7 | 3.24 | .44 | .60 | .76 | 38.4 | 11.3 | 3.62 | .45 | .61 | .78 | 36.8 | 10.8 | 4.06 | .45 | .63 | .80 |

HS29-036 - C23-51 COOLING CAPACITY TXV & RFC

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | 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 |
| 63°F (17°C) | 1000 | 470 | 35.9 | 10.5 | 2.68 | .72 | .85 | .97 | 34.7 | 10.2 | 2.99 | .73 | .86 | .98 | 33.3 | 9.8 | 3.34 | .74 | .88 | .99 | 32.0 | 9.4 | 3.75 | .75 | .90 | 1.00 |
| | 1200 | 565 | 37.1 | 10.9 | 2.70 | .76 | .90 | 1.00 | 35.8 | 10.5 | 3.01 | .77 | .92 | 1.00 | 34.4 | 10.1 | 3.37 | .78 | .94 | 1.00 | 33.0 | 9.7 | 3.79 | .80 | .95 | 1.00 |
| | 1400 | 660 | 38.0 | 11.1 | 2.72 | .80 | .95 | 1.00 | 36.7 | 10.8 | 3.04 | .81 | .96 | 1.00 | 35.3 | 10.3 | 3.40 | .82 | .98 | 1.00 | 33.9 | 9.9 | 3.81 | .84 | .99 | 1.00 |
| 67°F (19°C) | 1000 | 470 | 38.3 | 11.2 | 2.73 | .56 | .69 | .82 | 36.9 | 10.8 | 3.04 | .57 | .70 | .83 | 35.5 | 10.4 | 3.40 | .57 | .71 | .85 | 34.1 | 10.0 | 3.81 | .58 | .72 | .87 |
| | 1200 | 565 | 39.4 | 11.5 | 2.75 | .58 | .73 | .87 | 37.9 | 11.1 | 3.06 | .59 | .74 | .89 | 36.5 | 10.7 | 3.42 | .60 | .76 | .90 | 34.9 | 10.2 | 3.84 | .61 | .77 | .93 |
| | 1400 | 660 | 40.2 | 11.8 | 2.76 | .61 | .77 | .92 | 38.7 | 11.3 | 3.08 | .62 | .79 | .94 | 37.2 | 10.9 | 3.45 | .63 | .80 | .95 | 35.6 | 10.4 | 3.86 | .64 | .82 | .98 |
| 71°F (22°C) | 1000 | 470 | 40.9 | 12.0 | 2.78 | .43 | .55 | .67 | 39.5 | 11.6 | 3.10 | .43 | .55 | .67 | 38.0 | 11.1 | 3.46 | .43 | .56 | .69 | 36.4 | 10.7 | 3.88 | .43 | .57 | .70 |
| | 1200 | 565 | 42.0 | 12.3 | 2.80 | .43 | .57 | .71 | 40.5 | 11.9 | 3.12 | .43 | .58 | .72 | 38.9 | 11.4 | 3.48 | .44 | .59 | .74 | 37.3 | 10.9 | 3.91 | .44 | .60 | .75 |
| | 1400 | 660 | 42.8 | 12.5 | 2.82 | .44 | .60 | .75 | 41.2 | 12.1 | 3.14 | .44 | .60 | .76 | 39.6 | 11.6 | 3.51 | .45 | .61 | .78 | 37.9 | 11.1 | 3.92 | .45 | .63 | .80 |

HS29-036 - C26-41 - CH23-51 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | 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 |
| 63°F (17°C) | 900 | 425 | 34.7 | 10.2 | 2.63 | .70 | .83 | .94 | 33.5 | 9.8 | 2.94 | .71 | .84 | .96 | 32.2 | 9.4 | 3.29 | .72 | .85 | .97 | 30.8 | 9.0 | 3.69 | .73 | .87 | .99 |
| | 1100 | 520 | 35.9 | 10.5 | 2.66 | .74 | .88 | .99 | 34.7 | 10.2 | 2.96 | .75 | .90 | 1.00 | 33.3 | 9.8 | 3.32 | .76 | .92 | 1.00 | 32.0 | 9.4 | 3.72 | .78 | .93 | 1.00 |
| | 1300 | 615 | 36.9 | 10.8 | 2.68 | .78 | .93 | 1.00 | 35.6 | 10.4 | 2.99 | .79 | .95 | 1.00 | 34.3 | 10.1 | 3.34 | .81 | .97 | 1.00 | 32.9 | 9.6 | 3.75 | .83 | .98 | 1.00 |
| 67°F (19°C) | 900 | 425 | 37.0 | 10.8 | 2.68 | .55 | .67 | .79 | 35.7 | 10.5 | 2.99 | .56 | .68 | .80 | 34.3 | 10.1 | 3.34 | .57 | .69 | .82 | 32.9 | 9.6 | 3.75 | .57 | .71 | .84 |
| | 1100 | 520 | 38.2 | 11.2 | 2.70 | .58 | .71 | .85 | 36.8 | 10.8 | 3.01 | .58 | .73 | .86 | 35.4 | 10.4 | 3.37 | .59 | .74 | .88 | 33.9 | 9.9 | 3.77 | .60 | .76 | .90 |
| | 1300 | 615 | 39.0 | 11.4 | 2.72 | .60 | .76 | .90 | 37.6 | 11.0 | 3.03 | .61 | .77 | .92 | 36.1 | 10.6 | 3.39 | .62 | .79 | .94 | 34.6 | 10.1 | 3.80 | .63 | .80 | .95 |
| 71°F (22°C) | 900 | 425 | 39.5 | 11.6 | 2.73 | .42 | .54 | .65 | 38.1 | 11.2 | 3.04 | .43 | .54 | .66 | 36.7 | 10.8 | 3.40 | .43 | .54 | .67 | 35.2 | 10.3 | 3.81 | .43 | .55 | .68 |
| | 1100 | 520 | 40.7 | 11.9 | 2.75 | .43 | .56 | .69 | 39.2 | 11.5 | 3.07 | .43 | .57 | .70 | 37.8 | 11.1 | 3.43 | .43 | .57 | .71 | 36.2 | 10.6 | 3.84 | .44 | .59 | .73 |
| | 1300 | 615 | 41.5 | 12.2 | 2.77 | .44 | .59 | .73 | 40.1 | 11.8 | 3.09 | .44 | .59 | .75 | 38.5 | 11.3 | 3.45 | .44 | .61 | .76 | 36.9 | 10.8 | 3.87 | .45 | .62 | .78 |

HS29-036 - C26-46 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | 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 |
| 63°F (17°C) | 1000 | 470 | 36.1 | 10.6 | 2.70 | .72 | .86 | .97 | 34.8 | 10.2 | 3.00 | .73 | .87 | .99 | 33.5 | 9.8 | 3.36 | .74 | .89 | 1.00 | 32.1 | 9.4 | 3.77 | .76 | .90 | 1.00 |
| | 1200 | 565 | 37.3 | 10.9 | 2.72 | .76 | .91 | 1.00 | 35.9 | 10.5 | 3.03 | .78 | .93 | 1.00 | 34.6 | 10.1 | 3.39 | .79 | .95 | 1.00 | 33.1 | 9.7 | 3.80 | .81 | .97 | 1.00 |
| | 1400 | 660 | 38.3 | 11.2 | 2.74 | .81 | .96 | 1.00 | 36.9 | 10.8 | 3.05 | .82 | .98 | 1.00 | 35.6 | 10.4 | 3.41 | .84 | .99 | 1.00 | 34.2 | 10.0 | 3.82 | .86 | 1.00 | 1.00 |
| 67°F (19°C) | 1000 | 470 | 38.4 | 11.3 | 2.74 | .56 | .70 | .82 | 37.1 | 10.9 | 3.05 | .57 | .71 | .84 | 35.6 | 10.4 | 3.41 | .58 | .72 | .85 | 34.1 | 10.0 | 3.83 | .59 | .73 | .87 |
| | 1200 | 565 | 39.5 | 11.6 | 2.76 | .59 | .74 | .88 | 38.1 | 11.2 | 3.08 | .60 | .75 | .90 | 36.5 | 10.7 | 3.44 | .61 | .77 | .92 | 35.0 | 10.3 | 3.85 | .61 | .78 | .94 |
| | 1400 | 660 | 40.3 | 11.8 | 2.78 | .62 | .78 | .93 | 38.9 | 11.4 | 3.10 | .62 | .80 | .95 | 37.3 | 10.9 | 3.46 | .63 | .82 | .97 | 35.7 | 10.5 | 3.87 | .65 | .83 | .99 |
| 71°F (22°C) | 1000 | 470 | 41.1 | 12.0 | 2.79 | .42 | .55 | .67 | 39.6 | 11.6 | 3.11 | .43 | .55 | .68 | 38.1 | 11.2 | 3.48 | .43 | .56 | .69 | 36.5 | 10.7 | 3.90 | .43 | .57 | .71 |
| | 1200 | 565 | 42.1 | 12.3 | 2.81 | .43 | .57 | .71 | 40.6 | 11.9 | 3.14 | .44 | .58 | .73 | 39.0 | 11.4 | 3.50 | .44 | .59 | .74 | 37.4 | 11.0 | 3.92 | .44 | .60 | .76 |
| | 1400 | 660 | 42.9 | 12.6 | 2.84 | .44 | .60 | .76 | 41.3 | 12.1 | 3.16 | .45 | .61 | .78 | 39.7 | 11.6 | 3.52 | .45 | .62 | .79 | 38.0 | 11.1 | 3.94 | .46 | .64 | .81 |

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS29-036 - C26-51/65 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|------------------------|------|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|------|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 1000 | 470 | 36.5 | 10.7 | 2.72 | .72 | .85 | .98 | 35.1 | 10.3 | 3.04 | .73 | .87 | .99 | 33.7 | 9.9 | 3.40 | .74 | .89 | 1.00 | 32.3 | 9.5 | 3.81 | .76 | .90 | 1.00 |
| | 1200 | 565 | 37.7 | 11.0 | 2.75 | .76 | .91 | 1.00 | 36.3 | 10.6 | 3.07 | .78 | .93 | 1.00 | 34.9 | 10.2 | 3.43 | .79 | .95 | 1.00 | 33.4 | 9.8 | 3.85 | .81 | .96 | 1.00 |
| | 1400 | 660 | 38.7 | 11.3 | 2.77 | .80 | .96 | 1.00 | 37.3 | 10.9 | 3.09 | .82 | .98 | 1.00 | 35.9 | 10.5 | 3.46 | .84 | .99 | 1.00 | 34.5 | 10.1 | 3.87 | .85 | 1.00 | 1.00 |
| 67°F (19°C) | 1000 | 470 | 38.9 | 11.4 | 2.77 | .56 | .69 | .82 | 37.5 | 11.0 | 3.10 | .57 | .70 | .83 | 36.0 | 10.6 | 3.46 | .58 | .71 | .85 | 34.5 | 10.1 | 3.87 | .58 | .73 | .87 |
| | 1200 | 565 | 40.0 | 11.7 | 2.80 | .59 | .74 | .88 | 38.5 | 11.3 | 3.12 | .59 | .75 | .89 | 37.0 | 10.8 | 3.48 | .60 | .76 | .91 | 35.4 | 10.4 | 3.90 | .61 | .78 | .94 |
| | 1400 | 660 | 40.8 | 12.0 | 2.82 | .62 | .78 | .93 | 39.3 | 11.5 | 3.14 | .63 | .80 | .95 | 37.7 | 11.0 | 3.50 | .64 | .81 | .97 | 36.1 | 10.6 | 3.92 | .64 | .83 | .99 |
| 71°F (22°C) | 1000 | 470 | 41.6 | 12.2 | 2.83 | .42 | .55 | .67 | 40.1 | 11.8 | 3.16 | .43 | .55 | .68 | 38.5 | 11.3 | 3.53 | .43 | .56 | .69 | 36.9 | 10.8 | 3.95 | .43 | .57 | .70 |
| | 1200 | 565 | 42.7 | 12.5 | 2.86 | .43 | .57 | .71 | 41.1 | 12.0 | 3.18 | .44 | .58 | .73 | 39.5 | 11.6 | 3.55 | .44 | .59 | .74 | 37.8 | 11.1 | 3.97 | .44 | .60 | .76 |
| | 1400 | 660 | 43.5 | 12.7 | 2.87 | .44 | .60 | .76 | 41.9 | 12.3 | 3.20 | .45 | .61 | .77 | 40.2 | 11.8 | 3.57 | .45 | .62 | .79 | 38.5 | 11.3 | 4.00 | .45 | .63 | .81 |

HS29-036 - CR26-41N COOLING CAPACITY TXV & RFC

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|------------------------|------|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|-----|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 800 | 380 | 34.1 | 10.0 | 2.75 | .68 | .80 | .91 | 32.9 | 9.6 | 3.07 | .69 | .81 | .92 | 31.7 | 9.3 | 3.44 | .70 | .82 | .94 | 30.4 | 8.9 | 3.87 | .71 | .84 | .95 |
| | 900 | 425 | 34.9 | 10.2 | 2.77 | .70 | .83 | .94 | 33.6 | 9.8 | 3.09 | .71 | .84 | .96 | 32.4 | 9.5 | 3.46 | .72 | .85 | .97 | 31.1 | 9.1 | 3.88 | .73 | .87 | .98 |
| | 1000 | 470 | 35.5 | 10.4 | 2.78 | .72 | .86 | .97 | 34.3 | 10.1 | 3.10 | .73 | .87 | .99 | 33.0 | 9.7 | 3.47 | .74 | .88 | 1.00 | 31.6 | 9.3 | 3.90 | .76 | .91 | 1.00 |
| 67°F (19°C) | 800 | 380 | 36.4 | 10.7 | 2.80 | .55 | .66 | .77 | 35.2 | 10.3 | 3.12 | .55 | .66 | .78 | 33.9 | 9.9 | 3.49 | .55 | .67 | .79 | 32.5 | 9.5 | 3.92 | .56 | .68 | .81 |
| | 900 | 425 | 37.2 | 10.9 | 2.81 | .56 | .67 | .80 | 35.9 | 10.5 | 3.14 | .56 | .69 | .81 | 34.5 | 10.1 | 3.51 | .57 | .70 | .82 | 33.1 | 9.7 | 3.94 | .57 | .71 | .84 |
| | 1000 | 470 | 37.8 | 11.1 | 2.82 | .57 | .70 | .82 | 36.5 | 10.7 | 3.15 | .57 | .70 | .84 | 35.1 | 10.3 | 3.53 | .58 | .72 | .85 | 33.6 | 9.8 | 3.95 | .59 | .73 | .87 |
| 71°F (22°C) | 800 | 380 | 38.9 | 11.4 | 2.85 | .42 | .52 | .63 | 37.6 | 11.0 | 3.17 | .42 | .53 | .64 | 36.2 | 10.6 | 3.55 | .42 | .53 | .65 | 34.8 | 10.2 | 3.98 | .42 | .54 | .66 |
| | 900 | 425 | 39.7 | 11.6 | 2.86 | .42 | .54 | .65 | 38.3 | 11.2 | 3.19 | .43 | .54 | .66 | 36.9 | 10.8 | 3.57 | .43 | .55 | .67 | 35.4 | 10.4 | 4.01 | .43 | .55 | .68 |
| | 1000 | 470 | 40.3 | 11.8 | 2.88 | .42 | .55 | .67 | 38.9 | 11.4 | 3.21 | .43 | .56 | .68 | 37.5 | 11.0 | 3.58 | .43 | .56 | .69 | 35.9 | 10.5 | 4.02 | .43 | .57 | .71 |

HS29-036 - CR26-41W COOLING CAPACITY TXV & RFC

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|------------------------|------|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|-----|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 900 | 425 | 35.1 | 10.3 | 2.74 | .70 | .83 | .94 | 33.8 | 9.9 | 3.06 | .71 | .84 | .96 | 32.6 | 9.6 | 3.42 | .72 | .86 | .97 | 31.2 | 9.1 | 3.84 | .73 | .87 | .98 |
| | 1100 | 520 | 36.3 | 10.6 | 2.76 | .74 | .88 | .99 | 35.0 | 10.3 | 3.08 | .75 | .90 | 1.00 | 33.7 | 9.9 | 3.45 | .76 | .91 | 1.00 | 32.4 | 9.5 | 3.86 | .78 | .93 | 1.00 |
| | 1300 | 615 | 37.3 | 10.9 | 2.78 | .78 | .93 | 1.00 | 36.0 | 10.6 | 3.10 | .79 | .95 | 1.00 | 34.7 | 10.2 | 3.47 | .81 | .96 | 1.00 | 33.3 | 9.8 | 3.89 | .83 | .98 | 1.00 |
| 67°F (19°C) | 900 | 425 | 37.4 | 11.0 | 2.78 | .56 | .68 | .79 | 36.1 | 10.6 | 3.10 | .56 | .68 | .81 | 34.7 | 10.2 | 3.47 | .56 | .69 | .82 | 33.3 | 9.8 | 3.90 | .57 | .71 | .84 |
| | 1100 | 520 | 38.6 | 11.3 | 2.80 | .58 | .72 | .85 | 37.2 | 10.9 | 3.13 | .58 | .73 | .87 | 35.8 | 10.5 | 3.50 | .59 | .74 | .88 | 34.3 | 10.1 | 3.92 | .60 | .76 | .90 |
| | 1300 | 615 | 39.4 | 11.5 | 2.82 | .60 | .76 | .90 | 38.0 | 11.1 | 3.15 | .61 | .77 | .92 | 36.5 | 10.7 | 3.52 | .62 | .79 | .94 | 35.0 | 10.3 | 3.95 | .63 | .81 | .95 |
| 71°F (22°C) | 900 | 425 | 39.9 | 11.7 | 2.83 | .42 | .54 | .65 | 38.6 | 11.3 | 3.16 | .42 | .54 | .66 | 37.1 | 10.9 | 3.53 | .43 | .55 | .67 | 35.6 | 10.4 | 3.96 | .43 | .55 | .68 |
| | 1100 | 520 | 41.1 | 12.0 | 2.86 | .43 | .56 | .69 | 39.7 | 11.6 | 3.18 | .43 | .57 | .70 | 38.2 | 11.2 | 3.56 | .43 | .58 | .71 | 36.6 | 10.7 | 3.98 | .44 | .58 | .73 |
| | 1300 | 615 | 42.0 | 12.3 | 2.87 | .44 | .59 | .73 | 40.5 | 11.9 | 3.20 | .44 | .60 | .75 | 38.9 | 11.4 | 3.58 | .44 | .60 | .77 | 37.3 | 10.9 | 4.01 | .45 | .62 | .78 |

HS29-036 - CR26-51 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|------------------------|------|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|-----|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 900 | 425 | 35.1 | 10.3 | 2.68 | .70 | .82 | .93 | 33.9 | 9.9 | 2.99 | .70 | .83 | .95 | 32.6 | 9.6 | 3.35 | .71 | .85 | .97 | 31.2 | 9.1 | 3.75 | .72 | .86 | .98 |
| | 1100 | 520 | 36.4 | 10.7 | 2.71 | .73 | .87 | .99 | 35.1 | 10.3 | 3.02 | .74 | .89 | 1.00 | 33.8 | 9.9 | 3.37 | .76 | .90 | 1.00 | 32.4 | 9.5 | 3.79 | .77 | .92 | 1.00 |
| | 1300 | 615 | 37.5 | 11.0 | 2.72 | .77 | .92 | 1.00 | 36.1 | 10.6 | 3.04 | .78 | .94 | 1.00 | 34.7 | 10.2 | 3.40 | .80 | .95 | 1.00 | 33.3 | 9.8 | 3.81 | .81 | .97 | 1.00 |
| 67°F (19°C) | 900 | 425 | 37.6 | 11.0 | 2.72 | .55 | .67 | .78 | 36.3 | 10.6 | 3.04 | .56 | .67 | .80 | 34.9 | 10.2 | 3.40 | .56 | .69 | .81 | 33.5 | 9.8 | 3.81 | .57 | .70 | .83 |
| | 1100 | 520 | 38.8 | 11.4 | 2.75 | .57 | .71 | .84 | 37.4 | 11.0 | 3.07 | .58 | .72 | .85 | 36.0 | 10.6 | 3.43 | .58 | .73 | .87 | 34.5 | 10.1 | 3.85 | .59 | .74 | .89 |
| | 1300 | 615 | 39.7 | 11.6 | 2.77 | .59 | .75 | .89 | 38.3 | 11.2 | 3.09 | .60 | .76 | .91 | 36.8 | 10.8 | 3.45 | .61 | .77 | .92 | 35.2 | 10.3 | 3.86 | .62 | .79 | .94 |
| 71°F (22°C) | 900 | 425 | 40.2 | 11.8 | 2.78 | .42 | .53 | .64 | 38.8 | 11.4 | 3.10 | .42 | .54 | .65 | 37.3 | 10.9 | 3.46 | .42 | .54 | .66 | 35.8 | 10.5 | 3.88 | .42 | .55 | .67 |
| | 1100 | 520 | 41.4 | 12.1 | 2.80 | .43 | .55 | .68 | 40.0 | 11.7 | 3.12 | .43 | .56 | .69 | 38.5 | 11.3 | 3.49 | .43 | .57 | .70 | 36.9 | 10.8 | 3.91 | .43 | .58 | .72 |
| | 1300 | 615 | 42.4 | 12.4 | 2.82 | .43 | .58 | .72 | 40.8 | 12.0 | 3.14 | .44 | .59 | .74 | 39.3 | 11.5 | 3.52 | .44 | .60 | .75 | 37.6 | 11.0 | 3.93 | .44 | .61 | .77 |

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS29-036 - CH23-41 COOLING CAPACITY TXV & RFC

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | 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 |
| 63°F (17°C) | 1000 | 470 | 34.5 | 10.1 | 2.73 | .72 | .86 | .97 | 33.3 | 9.8 | 3.04 | .74 | .87 | .99 | 32.0 | 9.4 | 3.41 | .75 | .89 | 1.00 | 30.7 | 9.0 | 3.82 | .76 | .91 | 1.00 |
| | 1200 | 565 | 35.6 | 10.4 | 2.75 | .77 | .92 | 1.00 | 34.3 | 10.1 | 3.06 | .78 | .93 | 1.00 | 33.1 | 9.7 | 3.42 | .80 | .95 | 1.00 | 31.7 | 9.3 | 3.85 | .81 | .97 | 1.00 |
| | 1400 | 660 | 36.5 | 10.7 | 2.76 | .81 | .96 | 1.00 | 35.3 | 10.3 | 3.08 | .82 | .97 | 1.00 | 34.0 | 10.0 | 3.45 | .84 | .99 | 1.00 | 32.7 | 9.6 | 3.87 | .86 | 1.00 | 1.00 |
| 67°F (19°C) | 1000 | 470 | 36.7 | 10.8 | 2.77 | .57 | .70 | .83 | 35.4 | 10.4 | 3.09 | .57 | .71 | .84 | 34.0 | 10.0 | 3.45 | .58 | .72 | .86 | 32.6 | 9.6 | 3.87 | .59 | .74 | .88 |
| | 1200 | 565 | 37.6 | 11.0 | 2.79 | .59 | .74 | .88 | 36.3 | 10.6 | 3.11 | .60 | .75 | .90 | 34.9 | 10.2 | 3.47 | .61 | .77 | .92 | 33.4 | 9.8 | 3.89 | .62 | .79 | .94 |
| | 1400 | 660 | 38.3 | 11.2 | 2.81 | .62 | .79 | .94 | 37.0 | 10.8 | 3.12 | .63 | .80 | .95 | 35.5 | 10.4 | 3.49 | .64 | .82 | .97 | 34.1 | 10.0 | 3.92 | .65 | .84 | .98 |
| 71°F (22°C) | 1000 | 470 | 39.1 | 11.5 | 2.82 | .43 | .55 | .67 | 37.7 | 11.0 | 3.14 | .43 | .56 | .68 | 36.3 | 10.6 | 3.51 | .43 | .56 | .70 | 34.8 | 10.2 | 3.94 | .43 | .57 | .71 |
| | 1200 | 565 | 40.0 | 11.7 | 2.84 | .44 | .58 | .72 | 38.6 | 11.3 | 3.16 | .44 | .59 | .73 | 37.1 | 10.9 | 3.53 | .44 | .60 | .75 | 35.6 | 10.4 | 3.96 | .44 | .61 | .76 |
| | 1400 | 660 | 40.7 | 11.9 | 2.85 | .44 | .61 | .76 | 39.3 | 11.5 | 3.18 | .45 | .62 | .78 | 37.8 | 11.1 | 3.55 | .45 | .62 | .80 | 36.2 | 10.6 | 3.98 | .46 | .64 | .82 |

HS29-036 - CB29M-31 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|-----|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | 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 |
| 63°F (17°C) | 950 | 450 | 33.4 | 9.8 | 2.67 | .72 | .85 | .96 | 32.3 | 9.5 | 2.98 | .72 | .86 | .97 | 31.1 | 9.1 | 3.34 | .74 | .88 | .98 | 29.9 | 8.8 | 3.76 | .75 | .89 | .99 |
| | 1050 | 495 | 33.9 | 9.9 | 2.68 | .74 | .88 | .98 | 32.8 | 9.6 | 2.99 | .75 | .89 | .99 | 31.6 | 9.3 | 3.36 | .76 | .91 | 1.00 | 30.4 | 8.9 | 3.77 | .77 | .92 | 1.00 |
| | 1150 | 545 | 34.4 | 10.1 | 2.69 | .75 | .90 | .99 | 33.3 | 9.8 | 3.00 | .77 | .91 | 1.00 | 32.1 | 9.4 | 3.37 | .78 | .93 | 1.00 | 30.8 | 9.0 | 3.78 | .79 | .95 | 1.00 |
| 67°F (19°C) | 950 | 450 | 35.5 | 10.4 | 2.71 | .56 | .69 | .82 | 34.3 | 10.1 | 3.02 | .57 | .70 | .83 | 33.0 | 9.7 | 3.38 | .57 | .71 | .85 | 31.7 | 9.3 | 3.80 | .58 | .73 | .86 |
| | 1050 | 495 | 36.0 | 10.6 | 2.71 | .58 | .71 | .84 | 34.8 | 10.2 | 3.03 | .58 | .72 | .86 | 33.5 | 9.8 | 3.39 | .59 | .73 | .88 | 32.1 | 9.4 | 3.81 | .60 | .75 | .89 |
| | 1150 | 545 | 36.4 | 10.7 | 2.72 | .59 | .73 | .87 | 35.1 | 10.3 | 3.04 | .59 | .74 | .89 | 33.8 | 9.9 | 3.40 | .60 | .76 | .90 | 32.5 | 9.5 | 3.81 | .61 | .77 | .92 |
| 71°F (22°C) | 950 | 450 | 37.8 | 11.1 | 2.75 | .42 | .54 | .66 | 36.5 | 10.7 | 3.07 | .43 | .55 | .67 | 35.2 | 10.3 | 3.43 | .43 | .56 | .69 | 33.8 | 9.9 | 3.85 | .43 | .57 | .70 |
| | 1050 | 495 | 38.3 | 11.2 | 2.76 | .43 | .56 | .69 | 37.0 | 10.8 | 3.08 | .43 | .56 | .70 | 35.6 | 10.4 | 3.44 | .43 | .57 | .71 | 34.2 | 10.0 | 3.86 | .44 | .58 | .73 |
| | 1150 | 545 | 38.7 | 11.3 | 2.76 | .43 | .57 | .71 | 37.4 | 11.0 | 3.08 | .43 | .58 | .72 | 36.0 | 10.6 | 3.45 | .44 | .59 | .73 | 34.6 | 10.1 | 3.87 | .44 | .60 | .75 |

HS29-036 - CB29M-41 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | 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 |
| 63°F (17°C) | 1000 | 470 | 33.9 | 9.9 | 2.66 | .72 | .86 | .97 | 32.7 | 9.6 | 2.96 | .73 | .87 | .98 | 31.5 | 9.2 | 3.32 | .75 | .89 | .99 | 30.3 | 8.9 | 3.73 | .76 | .90 | 1.00 |
| | 1200 | 565 | 34.9 | 10.2 | 2.68 | .76 | .91 | 1.00 | 33.7 | 9.9 | 2.99 | .78 | .93 | 1.00 | 32.5 | 9.5 | 3.35 | .79 | .94 | 1.00 | 31.2 | 9.1 | 3.76 | .81 | .96 | 1.00 |
| | 1400 | 660 | 35.8 | 10.5 | 2.69 | .80 | .95 | 1.00 | 34.6 | 10.1 | 3.01 | .82 | .97 | 1.00 | 33.3 | 9.8 | 3.36 | .83 | .98 | 1.00 | 32.1 | 9.4 | 3.77 | .85 | .99 | 1.00 |
| 67°F (19°C) | 1000 | 470 | 36.1 | 10.6 | 2.69 | .57 | .70 | .83 | 34.8 | 10.2 | 3.01 | .57 | .71 | .84 | 33.5 | 9.8 | 3.36 | .58 | .72 | .85 | 32.1 | 9.4 | 3.77 | .59 | .74 | .87 |
| | 1200 | 565 | 36.9 | 10.8 | 2.71 | .59 | .74 | .88 | 35.6 | 10.4 | 3.02 | .60 | .75 | .89 | 34.3 | 10.1 | 3.38 | .60 | .76 | .91 | 32.9 | 9.6 | 3.79 | .61 | .78 | .93 |
| | 1400 | 660 | 37.6 | 11.0 | 2.72 | .61 | .78 | .93 | 36.3 | 10.6 | 3.04 | .62 | .79 | .94 | 34.9 | 10.2 | 3.40 | .63 | .81 | .96 | 33.5 | 9.8 | 3.81 | .64 | .83 | .97 |
| 71°F (22°C) | 1000 | 470 | 38.4 | 11.3 | 2.74 | .42 | .55 | .67 | 37.1 | 10.9 | 3.06 | .43 | .56 | .68 | 35.7 | 10.5 | 3.42 | .43 | .56 | .69 | 34.3 | 10.1 | 3.83 | .43 | .57 | .71 |
| | 1200 | 565 | 39.3 | 11.5 | 2.76 | .43 | .58 | .72 | 37.9 | 11.1 | 3.07 | .44 | .58 | .73 | 36.5 | 10.7 | 3.44 | .44 | .59 | .74 | 35.0 | 10.3 | 3.85 | .44 | .60 | .76 |
| | 1400 | 660 | 39.9 | 11.7 | 2.77 | .44 | .60 | .76 | 38.5 | 11.3 | 3.09 | .45 | .61 | .77 | 37.1 | 10.9 | 3.45 | .45 | .62 | .79 | 35.6 | 10.4 | 3.87 | .46 | .63 | .81 |

HS29-036 - CB30M-31 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | 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 |
| 63°F (17°C) | 1050 | 495 | 34.9 | 10.2 | 2.71 | .73 | .87 | .98 | 33.6 | 9.8 | 3.02 | .74 | .88 | .99 | 32.4 | 9.5 | 3.38 | .75 | .90 | 1.00 | 31.0 | 9.1 | 3.79 | .77 | .92 | 1.00 |
| | 1150 | 545 | 35.4 | 10.4 | 2.72 | .75 | .90 | 1.00 | 34.2 | 10.0 | 3.03 | .76 | .91 | 1.00 | 32.8 | 9.6 | 3.39 | .78 | .93 | 1.00 | 31.5 | 9.2 | 3.81 | .79 | .95 | 1.00 |
| | 1250 | 590 | 35.9 | 10.5 | 2.73 | .77 | .92 | 1.00 | 34.6 | 10.1 | 3.04 | .78 | .94 | 1.00 | 33.3 | 9.8 | 3.41 | .80 | .95 | 1.00 | 32.0 | 9.4 | 3.82 | .82 | .97 | 1.00 |
| 67°F (19°C) | 1050 | 495 | 37.1 | 10.9 | 2.75 | .57 | .70 | .84 | 35.8 | 10.5 | 3.07 | .58 | .72 | .85 | 34.4 | 10.1 | 3.43 | .58 | .73 | .87 | 33.0 | 9.7 | 3.85 | .59 | .74 | .89 |
| | 1150 | 545 | 37.6 | 11.0 | 2.77 | .58 | .73 | .86 | 36.2 | 10.6 | 3.08 | .59 | .74 | .88 | 34.8 | 10.2 | 3.44 | .60 | .75 | .89 | 33.4 | 9.8 | 3.86 | .61 | .77 | .92 |
| | 1250 | 590 | 38.0 | 11.1 | 2.77 | .59 | .75 | .89 | 36.6 | 10.7 | 3.09 | .60 | .76 | .91 | 35.2 | 10.3 | 3.46 | .61 | .78 | .92 | 33.7 | 9.9 | 3.88 | .62 | .79 | .94 |
| 71°F (22°C) | 1050 | 495 | 39.6 | 11.6 | 2.80 | .43 | .55 | .68 | 38.2 | 11.2 | 3.13 | .43 | .56 | .69 | 36.7 | 10.8 | 3.49 | .43 | .57 | .70 | 35.2 | 10.3 | 3.91 | .43 | .58 | .72 |
| | 1150 | 545 | 40.0 | 11.7 | 2.81 | .43 | .57 | .70 | 38.6 | 11.3 | 3.14 | .43 | .58 | .72 | 37.2 | 10.9 | 3.50 | .44 | .58 | .73 | 35.6 | 10.4 | 3.93 | .44 | .59 | .74 |
| | 1250 | 590 | 40.5 | 11.9 | 2.83 | .43 | .58 | .72 | 39.0 | 11.4 | 3.15 | .44 | .59 | .73 | 37.5 | 11.0 | 3.51 | .44 | .60 | .75 | 35.9 | 10.5 | 3.94 | .45 | .61 | .77 |

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS29-036 - CB29M-46 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|------------------------|------|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|------|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 1000 | 470 | 35.6 | 10.4 | 2.72 | .72 | .85 | .97 | 34.3 | 10.1 | 3.04 | .73 | .87 | .98 | 33.0 | 9.7 | 3.40 | .74 | .88 | .99 | 31.7 | 9.3 | 3.81 | .76 | .90 | 1.00 |
| | 1200 | 565 | 36.7 | 10.8 | 2.74 | .76 | .91 | 1.00 | 35.4 | 10.4 | 3.06 | .77 | .92 | 1.00 | 34.1 | 10.0 | 3.42 | .79 | .94 | 1.00 | 32.7 | 9.6 | 3.84 | .80 | .96 | 1.00 |
| | 1400 | 660 | 37.6 | 11.0 | 2.76 | .80 | .95 | 1.00 | 36.3 | 10.6 | 3.08 | .82 | .97 | 1.00 | 35.0 | 10.3 | 3.45 | .83 | .98 | 1.00 | 33.6 | 9.8 | 3.86 | .85 | 1.00 | 1.00 |
| 67°F (19°C) | 1000 | 470 | 37.9 | 11.1 | 2.77 | .56 | .69 | .82 | 36.6 | 10.7 | 3.09 | .57 | .70 | .83 | 35.1 | 10.3 | 3.45 | .58 | .72 | .85 | 33.7 | 9.8 | 3.87 | .58 | .73 | .87 |
| | 1200 | 565 | 38.9 | 11.4 | 2.79 | .59 | .74 | .88 | 37.5 | 11.0 | 3.11 | .59 | .75 | .89 | 36.1 | 10.6 | 3.47 | .61 | .76 | .91 | 34.5 | 10.1 | 3.90 | .61 | .78 | .93 |
| | 1400 | 660 | 39.7 | 11.6 | 2.80 | .61 | .78 | .93 | 38.2 | 11.2 | 3.13 | .62 | .79 | .95 | 36.7 | 10.8 | 3.50 | .63 | .81 | .96 | 35.2 | 10.3 | 3.91 | .64 | .83 | .97 |
| 71°F (22°C) | 1000 | 470 | 40.4 | 11.8 | 2.82 | .43 | .55 | .67 | 39.0 | 11.4 | 3.14 | .43 | .55 | .68 | 37.6 | 11.0 | 3.51 | .43 | .56 | .69 | 36.0 | 10.6 | 3.93 | .43 | .57 | .71 |
| | 1200 | 565 | 41.4 | 12.1 | 2.84 | .43 | .57 | .71 | 40.0 | 11.7 | 3.17 | .44 | .58 | .73 | 38.5 | 11.3 | 3.53 | .44 | .59 | .74 | 36.9 | 10.8 | 3.96 | .44 | .60 | .76 |
| | 1400 | 660 | 42.2 | 12.4 | 2.85 | .44 | .60 | .76 | 40.7 | 11.9 | 3.18 | .44 | .61 | .77 | 39.1 | 11.5 | 3.56 | .45 | .62 | .79 | 37.5 | 11.0 | 3.98 | .45 | .63 | .81 |

HS29-036 - CB30M-41 - CB30M-46 - CB30U-41/46 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|------------------------|------|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|------|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 1000 | 470 | 35.8 | 10.5 | 2.68 | .72 | .85 | .97 | 34.5 | 10.1 | 2.98 | .73 | .87 | .99 | 33.2 | 9.7 | 3.34 | .74 | .88 | 1.00 | 31.8 | 9.3 | 3.75 | .76 | .90 | 1.00 |
| | 1200 | 565 | 36.9 | 10.8 | 2.70 | .76 | .91 | 1.00 | 35.6 | 10.4 | 3.01 | .77 | .92 | 1.00 | 34.2 | 10.0 | 3.36 | .79 | .94 | 1.00 | 32.8 | 9.6 | 3.77 | .80 | .96 | 1.00 |
| | 1400 | 660 | 37.9 | 11.1 | 2.72 | .80 | .96 | 1.00 | 36.5 | 10.7 | 3.03 | .81 | .97 | 1.00 | 35.2 | 10.3 | 3.39 | .83 | .98 | 1.00 | 33.8 | 9.9 | 3.80 | .85 | 1.00 | 1.00 |
| 67°F (19°C) | 1000 | 470 | 38.1 | 11.2 | 2.72 | .56 | .69 | .82 | 36.8 | 10.8 | 3.03 | .57 | .70 | .83 | 35.3 | 10.3 | 3.39 | .58 | .72 | .85 | 33.9 | 9.9 | 3.80 | .58 | .73 | .87 |
| | 1200 | 565 | 39.2 | 11.5 | 2.74 | .59 | .73 | .88 | 37.7 | 11.0 | 3.05 | .60 | .75 | .89 | 36.3 | 10.6 | 3.42 | .60 | .76 | .91 | 34.7 | 10.2 | 3.83 | .61 | .78 | .93 |
| | 1400 | 660 | 39.9 | 11.7 | 2.76 | .61 | .78 | .93 | 38.5 | 11.3 | 3.08 | .62 | .79 | .94 | 36.9 | 10.8 | 3.43 | .63 | .81 | .96 | 35.4 | 10.4 | 3.85 | .64 | .83 | .98 |
| 71°F (22°C) | 1000 | 470 | 40.7 | 11.9 | 2.77 | .43 | .55 | .67 | 39.3 | 11.5 | 3.09 | .43 | .55 | .68 | 37.8 | 11.1 | 3.45 | .43 | .56 | .69 | 36.2 | 10.6 | 3.87 | .43 | .57 | .70 |
| | 1200 | 565 | 41.7 | 12.2 | 2.79 | .43 | .57 | .71 | 40.3 | 11.8 | 3.11 | .43 | .58 | .72 | 38.7 | 11.3 | 3.48 | .44 | .59 | .74 | 37.1 | 10.9 | 3.89 | .44 | .60 | .75 |
| | 1400 | 660 | 42.5 | 12.5 | 2.81 | .44 | .60 | .76 | 41.0 | 12.0 | 3.13 | .44 | .61 | .77 | 39.4 | 11.5 | 3.50 | .45 | .62 | .79 | 37.7 | 11.0 | 3.91 | .45 | .63 | .80 |

HS29-036 - CB31MV-41 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|------------------------|------|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|------|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 1135 | 535 | 36.0 | 10.6 | 2.72 | .75 | .89 | 1.00 | 34.7 | 10.2 | 3.04 | .76 | .91 | 1.00 | 33.4 | 9.8 | 3.40 | .77 | .92 | 1.00 | 32.0 | 9.4 | 3.81 | .79 | .94 | 1.00 |
| | 1275 | 600 | 36.7 | 10.8 | 2.74 | .77 | .93 | 1.00 | 35.4 | 10.4 | 3.05 | .79 | .94 | 1.00 | 34.0 | 10.0 | 3.42 | .80 | .96 | 1.00 | 32.7 | 9.6 | 3.83 | .82 | .98 | 1.00 |
| | 1400 | 660 | 37.3 | 10.9 | 2.75 | .80 | .95 | 1.00 | 36.0 | 10.6 | 3.07 | .81 | .97 | 1.00 | 34.6 | 10.1 | 3.43 | .83 | .99 | 1.00 | 33.3 | 9.8 | 3.84 | .85 | 1.00 | 1.00 |
| 67°F (19°C) | 1135 | 535 | 38.2 | 11.2 | 2.77 | .58 | .72 | .86 | 36.9 | 10.8 | 3.09 | .59 | .73 | .87 | 35.4 | 10.4 | 3.45 | .60 | .75 | .89 | 33.9 | 9.9 | 3.87 | .60 | .76 | .91 |
| | 1275 | 600 | 38.9 | 11.4 | 2.78 | .60 | .75 | .90 | 37.4 | 11.0 | 3.10 | .60 | .76 | .91 | 35.9 | 10.5 | 3.47 | .62 | .78 | .93 | 34.4 | 10.1 | 3.88 | .63 | .80 | .95 |
| | 1400 | 660 | 39.3 | 11.5 | 2.79 | .61 | .78 | .93 | 37.9 | 11.1 | 3.11 | .62 | .79 | .94 | 36.4 | 10.7 | 3.48 | .63 | .81 | .96 | 34.8 | 10.2 | 3.89 | .64 | .83 | .98 |
| 71°F (22°C) | 1135 | 535 | 40.8 | 12.0 | 2.82 | .43 | .56 | .70 | 39.3 | 11.5 | 3.15 | .43 | .57 | .71 | 37.8 | 11.1 | 3.51 | .44 | .58 | .72 | 36.2 | 10.6 | 3.94 | .44 | .59 | .74 |
| | 1275 | 600 | 41.4 | 12.1 | 2.84 | .44 | .58 | .73 | 39.9 | 11.7 | 3.16 | .44 | .59 | .74 | 38.3 | 11.2 | 3.53 | .44 | .60 | .76 | 36.7 | 10.8 | 3.95 | .45 | .61 | .77 |
| | 1400 | 660 | 41.8 | 12.3 | 2.85 | .44 | .60 | .75 | 40.3 | 11.8 | 3.17 | .45 | .61 | .77 | 38.8 | 11.4 | 3.54 | .45 | .62 | .79 | 37.1 | 10.9 | 3.96 | .45 | .63 | .80 |

HS29-036 - CVP10-41/EC10Q3 - CVP10-46/EC10Q4 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|------------------------|------|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|-----|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 1000 | 470 | 34.1 | 10.0 | 2.73 | .72 | .85 | .97 | 32.9 | 9.6 | 3.05 | .73 | .87 | .98 | 31.7 | 9.3 | 3.40 | .74 | .88 | .99 | 30.3 | 8.9 | 3.82 | .75 | .90 | 1.00 |
| | 1200 | 565 | 35.2 | 10.3 | 2.75 | .76 | .91 | 1.00 | 34.0 | 10.0 | 3.07 | .77 | .92 | 1.00 | 32.7 | 9.6 | 3.43 | .78 | .94 | 1.00 | 31.3 | 9.2 | 3.85 | .80 | .96 | 1.00 |
| | 1400 | 660 | 36.1 | 10.6 | 2.77 | .80 | .95 | 1.00 | 34.9 | 10.2 | 3.09 | .81 | .97 | 1.00 | 33.6 | 9.8 | 3.45 | .83 | .98 | 1.00 | 32.3 | 9.5 | 3.87 | .85 | .99 | 1.00 |
| 67°F (19°C) | 1000 | 470 | 36.4 | 10.7 | 2.77 | .56 | .69 | .82 | 35.1 | 10.3 | 3.09 | .57 | .70 | .83 | 33.7 | 9.9 | 3.46 | .58 | .72 | .85 | 32.3 | 9.5 | 3.88 | .58 | .73 | .87 |
| | 1200 | 565 | 37.3 | 10.9 | 2.80 | .59 | .73 | .87 | 36.0 | 10.6 | 3.11 | .59 | .75 | .89 | 34.6 | 10.1 | 3.48 | .60 | .76 | .91 | 33.1 | 9.7 | 3.91 | .61 | .78 | .93 |
| | 1400 | 660 | 38.1 | 11.2 | 2.81 | .61 | .78 | .92 | 36.7 | 10.8 | 3.14 | .62 | .79 | .94 | 35.3 | 10.3 | 3.50 | .63 | .81 | .96 | 33.8 | 9.9 | 3.92 | .64 | .83 | .98 |
| 71°F (22°C) | 1000 | 470 | 38.8 | 11.4 | 2.82 | .43 | .54 | .66 | 37.4 | 11.0 | 3.15 | .43 | .55 | .68 | 36.0 | 10.6 | 3.52 | .43 | .56 | .69 | 34.5 | 10.1 | 3.94 | .43 | .57 | .70 |
| | 1200 | 565 | 39.8 | 11.7 | 2.85 | .43 | .57 | .71 | 38.4 | 11.3 | 3.17 | .43 | .58 | .72 | 36.9 | 10.8 | 3.54 | .44 | .59 | .74 | 35.4 | 10.4 | 3.97 | .44 | .60 | .75 |
| | 1400 | 660 | 40.6 | 11.9 | 2.86 | .44 | .60 | .75 | 39.1 | 11.5 | 3.19 | .45 | .61 | .77 | 37.6 | 11.0 | 3.57 | .45 | .62 | .78 | 36.0 | 10.6 | 3.99 | .45 | .63 | .80 |

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS29-042 - C23-41 COOLING CAPACITY TXV & RFC

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | 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 |
| 63°F (17°C) | 1250 | 590 | 39.2 | 11.5 | 3.19 | .73 | .88 | .98 | 38.0 | 11.1 | 3.56 | .74 | .89 | .99 | 36.6 | 10.7 | 3.98 | .76 | .90 | 1.00 | 35.1 | 10.3 | 4.47 | .77 | .92 | 1.00 |
| | 1400 | 660 | 39.9 | 11.7 | 3.21 | .76 | .90 | 1.00 | 38.6 | 11.3 | 3.58 | .77 | .92 | 1.00 | 37.3 | 10.9 | 4.00 | .78 | .93 | 1.00 | 35.8 | 10.5 | 4.49 | .80 | .95 | 1.00 |
| | 1550 | 730 | 40.5 | 11.9 | 3.22 | .78 | .93 | 1.00 | 39.2 | 11.5 | 3.59 | .80 | .95 | 1.00 | 37.8 | 11.1 | 4.01 | .81 | .96 | 1.00 | 36.4 | 10.7 | 4.50 | .83 | .98 | 1.00 |
| 67°F (19°C) | 1250 | 590 | 41.6 | 12.2 | 3.23 | .57 | .71 | .84 | 40.2 | 11.8 | 3.61 | .58 | .72 | .86 | 38.7 | 11.3 | 4.03 | .59 | .73 | .87 | 37.1 | 10.9 | 4.52 | .59 | .75 | .89 |
| | 1400 | 660 | 42.1 | 12.3 | 3.25 | .59 | .74 | .88 | 40.7 | 11.9 | 3.62 | .59 | .75 | .89 | 39.3 | 11.5 | 4.04 | .60 | .76 | .91 | 37.7 | 11.0 | 4.53 | .61 | .78 | .92 |
| | 1550 | 730 | 42.6 | 12.5 | 3.26 | .60 | .76 | .91 | 41.2 | 12.1 | 3.63 | .61 | .77 | .92 | 39.7 | 11.6 | 4.05 | .62 | .79 | .94 | 38.1 | 11.2 | 4.54 | .63 | .81 | .95 |
| 71°F (22°C) | 1250 | 590 | 44.2 | 13.0 | 3.29 | .43 | .56 | .69 | 42.7 | 12.5 | 3.66 | .43 | .56 | .70 | 41.2 | 12.1 | 4.09 | .43 | .57 | .71 | 39.5 | 11.6 | 4.58 | .44 | .58 | .72 |
| | 1400 | 660 | 44.7 | 13.1 | 3.30 | .43 | .57 | .71 | 43.3 | 12.7 | 3.67 | .44 | .58 | .72 | 41.7 | 12.2 | 4.10 | .44 | .59 | .74 | 40.0 | 11.7 | 4.59 | .44 | .60 | .76 |
| | 1550 | 730 | 45.2 | 13.2 | 3.31 | .44 | .59 | .74 | 43.7 | 12.8 | 3.68 | .44 | .60 | .75 | 42.1 | 12.3 | 4.11 | .44 | .61 | .77 | 40.4 | 11.8 | 4.60 | .45 | .62 | .78 |

HS29-042 - C23-46 COOLING CAPACITY TXV & RFC

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | 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 |
| 63°F (17°C) | 1250 | 590 | 40.1 | 11.8 | 3.23 | .73 | .87 | .98 | 38.8 | 11.4 | 3.60 | .74 | .88 | .99 | 37.4 | 11.0 | 4.03 | .75 | .90 | 1.00 | 35.8 | 10.5 | 4.51 | .77 | .92 | 1.00 |
| | 1400 | 660 | 40.8 | 12.0 | 3.24 | .75 | .90 | 1.00 | 39.5 | 11.6 | 3.62 | .77 | .91 | 1.00 | 38.0 | 11.1 | 4.04 | .78 | .93 | 1.00 | 36.5 | 10.7 | 4.53 | .80 | .95 | 1.00 |
| | 1550 | 730 | 41.4 | 12.1 | 3.26 | .78 | .93 | 1.00 | 40.1 | 11.8 | 3.63 | .79 | .94 | 1.00 | 38.6 | 11.3 | 4.06 | .81 | .96 | 1.00 | 37.1 | 10.9 | 4.55 | .82 | .97 | 1.00 |
| 67°F (19°C) | 1250 | 590 | 42.6 | 12.5 | 3.28 | .57 | .70 | .84 | 41.2 | 12.1 | 3.65 | .58 | .71 | .85 | 39.6 | 11.6 | 4.08 | .58 | .73 | .87 | 38.0 | 11.1 | 4.57 | .59 | .74 | .89 |
| | 1400 | 660 | 43.2 | 12.7 | 3.29 | .59 | .73 | .87 | 41.7 | 12.2 | 3.66 | .59 | .74 | .89 | 40.1 | 11.8 | 4.09 | .60 | .76 | .90 | 38.5 | 11.3 | 4.57 | .61 | .77 | .92 |
| | 1550 | 730 | 43.7 | 12.8 | 3.30 | .60 | .76 | .90 | 42.2 | 12.4 | 3.67 | .61 | .77 | .92 | 40.6 | 11.9 | 4.10 | .62 | .78 | .93 | 38.9 | 11.4 | 4.59 | .62 | .80 | .95 |
| 71°F (22°C) | 1250 | 590 | 45.3 | 13.3 | 3.33 | .43 | .55 | .68 | 43.8 | 12.8 | 3.71 | .43 | .56 | .69 | 42.1 | 12.3 | 4.14 | .43 | .57 | .71 | 40.4 | 11.8 | 4.63 | .43 | .58 | .72 |
| | 1400 | 660 | 45.9 | 13.5 | 3.34 | .43 | .57 | .71 | 44.3 | 13.0 | 3.72 | .44 | .58 | .72 | 42.7 | 12.5 | 4.15 | .44 | .59 | .73 | 40.9 | 12.0 | 4.64 | .44 | .60 | .75 |
| | 1550 | 730 | 46.4 | 13.6 | 3.35 | .44 | .59 | .73 | 44.8 | 13.1 | 3.73 | .44 | .59 | .75 | 43.1 | 12.6 | 4.16 | .44 | .60 | .76 | 41.3 | 12.1 | 4.66 | .45 | .62 | .78 |

HS29-042 - C26-41 TXV Only - CR26-41W TXV & RFC COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | 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 |
| 63°F (17°C) | 1000 | 470 | 39.1 | 11.5 | 3.19 | .69 | .82 | .92 | 37.9 | 11.1 | 3.56 | .70 | .82 | .94 | 36.4 | 10.7 | 3.98 | .71 | .84 | .96 | 34.9 | 10.2 | 4.46 | .72 | .86 | .97 |
| | 1200 | 565 | 40.4 | 11.8 | 3.22 | .72 | .86 | .98 | 39.1 | 11.5 | 3.59 | .74 | .87 | .99 | 37.6 | 11.0 | 4.01 | .75 | .89 | .99 | 36.0 | 10.6 | 4.49 | .76 | .91 | 1.00 |
| | 1400 | 660 | 41.5 | 12.2 | 3.24 | .76 | .90 | 1.00 | 40.0 | 11.7 | 3.61 | .77 | .92 | 1.00 | 38.5 | 11.3 | 4.03 | .79 | .94 | 1.00 | 36.9 | 10.8 | 4.51 | .80 | .96 | 1.00 |
| 67°F (19°C) | 1000 | 470 | 41.8 | 12.3 | 3.25 | .55 | .67 | .78 | 40.4 | 11.8 | 3.62 | .55 | .67 | .79 | 38.8 | 11.4 | 4.04 | .56 | .69 | .80 | 37.2 | 10.9 | 4.51 | .56 | .69 | .82 |
| | 1200 | 565 | 43.0 | 12.6 | 3.27 | .57 | .70 | .83 | 41.5 | 12.2 | 3.64 | .57 | .71 | .84 | 39.9 | 11.7 | 4.06 | .58 | .72 | .86 | 38.2 | 11.2 | 4.55 | .59 | .74 | .88 |
| | 1400 | 660 | 43.9 | 12.9 | 3.29 | .59 | .73 | .88 | 42.3 | 12.4 | 3.66 | .60 | .75 | .89 | 40.7 | 11.9 | 4.09 | .60 | .76 | .91 | 38.9 | 11.4 | 4.57 | .61 | .78 | .93 |
| 71°F (22°C) | 1000 | 470 | 44.5 | 13.0 | 3.31 | .42 | .53 | .64 | 43.0 | 12.6 | 3.68 | .42 | .55 | .65 | 41.4 | 12.1 | 4.10 | .43 | .54 | .66 | 39.7 | 11.6 | 4.58 | .43 | .55 | .67 |
| | 1200 | 565 | 45.8 | 13.4 | 3.33 | .43 | .55 | .67 | 44.2 | 13.0 | 3.71 | .43 | .56 | .69 | 42.5 | 12.5 | 4.13 | .43 | .56 | .70 | 40.7 | 11.9 | 4.61 | .43 | .57 | .71 |
| | 1400 | 660 | 46.7 | 13.7 | 3.35 | .43 | .57 | .71 | 45.0 | 13.2 | 3.73 | .44 | .58 | .72 | 43.3 | 12.7 | 4.15 | .44 | .59 | .74 | 41.4 | 12.1 | 4.64 | .44 | .60 | .76 |

HS29-042 - C26-46 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | 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 |
| 63°F (17°C) | 1000 | 470 | 40.1 | 11.8 | 3.24 | .69 | .81 | .93 | 38.7 | 11.3 | 3.61 | .70 | .83 | .94 | 37.3 | 10.9 | 4.03 | .71 | .84 | .96 | 35.7 | 10.5 | 4.52 | .72 | .86 | .98 |
| | 1200 | 565 | 41.5 | 12.2 | 3.27 | .73 | .86 | .98 | 40.0 | 11.7 | 3.65 | .74 | .88 | .99 | 38.5 | 11.3 | 4.07 | .75 | .89 | 1.00 | 36.9 | 10.8 | 4.55 | .77 | .91 | 1.00 |
| | 1400 | 660 | 42.6 | 12.5 | 3.30 | .76 | .91 | 1.00 | 41.1 | 12.0 | 3.67 | .78 | .92 | 1.00 | 39.5 | 11.6 | 4.09 | .79 | .94 | 1.00 | 37.9 | 11.1 | 4.58 | .80 | .96 | 1.00 |
| 67°F (19°C) | 1000 | 470 | 42.8 | 12.5 | 3.30 | .55 | .67 | .78 | 41.3 | 12.1 | 3.67 | .55 | .67 | .79 | 39.7 | 11.6 | 4.09 | .56 | .69 | .81 | 38.0 | 11.1 | 4.59 | .57 | .69 | .82 |
| | 1200 | 565 | 44.1 | 12.9 | 3.32 | .57 | .70 | .83 | 42.5 | 12.5 | 3.70 | .57 | .71 | .84 | 40.8 | 12.0 | 4.13 | .58 | .73 | .86 | 39.1 | 11.5 | 4.61 | .59 | .74 | .88 |
| | 1400 | 660 | 45.0 | 13.2 | 3.35 | .59 | .74 | .88 | 43.4 | 12.7 | 3.73 | .60 | .75 | .89 | 41.7 | 12.2 | 4.15 | .60 | .77 | .91 | 39.9 | 11.7 | 4.64 | .62 | .78 | .93 |
| 71°F (22°C) | 1000 | 470 | 45.6 | 13.4 | 3.36 | .42 | .53 | .64 | 44.1 | 12.9 | 3.74 | .42 | .54 | .65 | 42.4 | 12.4 | 4.17 | .42 | .54 | .66 | 40.6 | 11.9 | 4.66 | .43 | .55 | .67 |
| | 1200 | 565 | 46.9 | 13.7 | 3.39 | .43 | .55 | .68 | 45.3 | 13.3 | 3.77 | .43 | .56 | .69 | 43.5 | 12.7 | 4.20 | .43 | .57 | .70 | 41.7 | 12.2 | 4.69 | .43 | .58 | .71 |
| | 1400 | 660 | 47.9 | 14.0 | 3.41 | .43 | .57 | .72 | 46.2 | 13.5 | 3.79 | .44 | .58 | .73 | 44.4 | 13.0 | 4.22 | .44 | .59 | .74 | 42.4 | 12.4 | 4.71 | .44 | .60 | .76 |

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS29-042 - C23-51 COOLING CAPACITY TXV & RFC

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|------------------------|------|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|-----|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 1250 | 590 | 42.0 | 12.3 | 3.27 | .73 | .87 | .98 | 40.5 | 11.9 | 3.64 | .74 | .88 | .99 | 39.0 | 11.4 | 4.07 | .75 | .90 | 1.00 | 37.4 | 11.0 | 4.55 | .77 | .91 | 1.00 |
| | 1400 | 660 | 42.8 | 12.5 | 3.28 | .76 | .90 | 1.00 | 41.3 | 12.1 | 3.66 | .77 | .92 | 1.00 | 39.7 | 11.6 | 4.08 | .78 | .93 | 1.00 | 38.1 | 11.2 | 4.56 | .80 | .95 | 1.00 |
| | 1550 | 730 | 43.5 | 12.7 | 3.30 | .78 | .93 | 1.00 | 42.0 | 12.3 | 3.67 | .79 | .95 | 1.00 | 40.4 | 11.8 | 4.09 | .81 | .96 | 1.00 | 38.8 | 11.4 | 4.58 | .82 | .98 | 1.00 |
| 67°F (19°C) | 1250 | 590 | 44.6 | 13.1 | 3.32 | .57 | .70 | .83 | 43.1 | 12.6 | 3.70 | .58 | .71 | .85 | 41.4 | 12.1 | 4.12 | .58 | .73 | .87 | 39.6 | 11.6 | 4.61 | .59 | .74 | .88 |
| | 1400 | 660 | 45.3 | 13.3 | 3.34 | .58 | .73 | .87 | 43.7 | 12.8 | 3.71 | .59 | .74 | .88 | 42.0 | 12.3 | 4.14 | .60 | .76 | .90 | 40.2 | 11.8 | 4.62 | .61 | .77 | .92 |
| | 1550 | 730 | 45.9 | 13.5 | 3.35 | .60 | .76 | .90 | 44.3 | 13.0 | 3.73 | .61 | .77 | .92 | 42.5 | 12.5 | 4.16 | .62 | .79 | .93 | 40.7 | 11.9 | 4.64 | .63 | .80 | .95 |
| 71°F (22°C) | 1250 | 590 | 47.5 | 13.9 | 3.38 | .43 | .55 | .68 | 45.9 | 13.5 | 3.76 | .43 | .56 | .69 | 44.1 | 12.9 | 4.19 | .43 | .57 | .70 | 42.2 | 12.4 | 4.68 | .43 | .58 | .72 |
| | 1400 | 660 | 48.2 | 14.1 | 3.40 | .43 | .57 | .71 | 46.5 | 13.6 | 3.78 | .43 | .58 | .72 | 44.7 | 13.1 | 4.21 | .44 | .59 | .73 | 42.8 | 12.5 | 4.70 | .44 | .60 | .75 |
| | 1550 | 730 | 48.8 | 14.3 | 3.41 | .44 | .59 | .73 | 47.1 | 13.8 | 3.79 | .44 | .59 | .75 | 45.2 | 13.2 | 4.22 | .44 | .60 | .76 | 43.3 | 12.7 | 4.71 | .45 | .61 | .78 |

HS29-042 - C26-51/65 - C23-51/65 - CR26-65 - CH23-65 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|------------------------|------|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|-----|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 1000 | 470 | 41.0 | 12.0 | 3.19 | .69 | .81 | .92 | 39.6 | 11.6 | 3.55 | .70 | .82 | .94 | 38.0 | 11.1 | 3.97 | .71 | .84 | .96 | 36.4 | 10.7 | 4.44 | .72 | .85 | .98 |
| | 1200 | 565 | 42.4 | 12.4 | 3.22 | .72 | .86 | .98 | 40.9 | 12.0 | 3.59 | .73 | .88 | .99 | 39.4 | 11.5 | 4.00 | .74 | .89 | 1.00 | 37.6 | 11.0 | 4.48 | .76 | .91 | 1.00 |
| | 1400 | 660 | 43.6 | 12.8 | 3.24 | .76 | .91 | 1.00 | 42.0 | 12.3 | 3.61 | .77 | .93 | 1.00 | 40.4 | 11.8 | 4.03 | .79 | .94 | 1.00 | 38.7 | 11.3 | 4.51 | .80 | .96 | 1.00 |
| 67°F (19°C) | 1000 | 470 | 43.8 | 12.8 | 3.25 | .55 | .66 | .78 | 42.2 | 12.4 | 3.62 | .55 | .67 | .79 | 40.6 | 11.9 | 4.03 | .56 | .68 | .80 | 38.9 | 11.4 | 4.51 | .56 | .69 | .82 |
| | 1200 | 565 | 45.1 | 13.2 | 3.28 | .57 | .70 | .83 | 43.5 | 12.7 | 3.65 | .57 | .71 | .84 | 41.8 | 12.3 | 4.06 | .58 | .72 | .86 | 40.0 | 11.7 | 4.54 | .59 | .74 | .88 |
| | 1400 | 660 | 46.2 | 13.5 | 3.30 | .59 | .74 | .88 | 44.5 | 13.0 | 3.67 | .60 | .75 | .89 | 42.7 | 12.5 | 4.09 | .61 | .76 | .91 | 40.8 | 12.0 | 4.57 | .61 | .78 | .93 |
| 71°F (22°C) | 1000 | 470 | 46.7 | 13.7 | 3.31 | .42 | .53 | .64 | 45.1 | 13.2 | 3.68 | .42 | .53 | .65 | 43.4 | 12.7 | 4.11 | .42 | .54 | .65 | 41.5 | 12.2 | 4.58 | .42 | .55 | .67 |
| | 1200 | 565 | 48.1 | 14.1 | 3.35 | .43 | .55 | .67 | 46.4 | 13.6 | 3.72 | .43 | .56 | .68 | 44.6 | 13.1 | 4.14 | .43 | .56 | .70 | 42.6 | 12.5 | 4.62 | .43 | .57 | .71 |
| | 1400 | 660 | 49.2 | 14.4 | 3.37 | .43 | .57 | .71 | 47.4 | 13.9 | 3.74 | .44 | .58 | .73 | 45.4 | 13.3 | 4.17 | .44 | .59 | .74 | 43.4 | 12.7 | 4.64 | .44 | .60 | .76 |

HS29-042 - CR26-41N COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|------------------------|------|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|-----|-----|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 800 | 380 | 36.6 | 10.7 | 3.14 | .66 | .77 | .87 | 35.4 | 10.4 | 3.50 | .67 | .78 | .88 | 34.1 | 10.0 | 3.92 | .67 | .79 | .90 | 32.7 | 9.6 | 4.40 | .68 | .80 | .91 |
| | 900 | 425 | 37.5 | 11.0 | 3.16 | .68 | .79 | .90 | 36.2 | 10.6 | 3.53 | .69 | .80 | .91 | 34.9 | 10.2 | 3.94 | .69 | .81 | .93 | 33.5 | 9.8 | 4.42 | .70 | .83 | .94 |
| | 1000 | 470 | 38.2 | 11.2 | 3.18 | .69 | .82 | .92 | 37.0 | 10.8 | 3.54 | .70 | .83 | .94 | 35.6 | 10.4 | 3.96 | .71 | .84 | .96 | 34.1 | 10.0 | 4.44 | .72 | .86 | .97 |
| 67°F (19°C) | 800 | 380 | 39.1 | 11.5 | 3.20 | .53 | .63 | .73 | 37.8 | 11.1 | 3.56 | .54 | .64 | .74 | 36.5 | 10.7 | 3.98 | .54 | .65 | .75 | 35.0 | 10.3 | 4.46 | .55 | .66 | .77 |
| | 900 | 425 | 40.0 | 11.7 | 3.21 | .54 | .65 | .76 | 38.7 | 11.3 | 3.58 | .55 | .66 | .77 | 37.3 | 10.9 | 4.00 | .55 | .66 | .78 | 35.7 | 10.5 | 4.48 | .56 | .68 | .79 |
| | 1000 | 470 | 40.8 | 12.0 | 3.23 | .55 | .67 | .78 | 39.4 | 11.5 | 3.60 | .56 | .68 | .79 | 38.0 | 11.1 | 4.02 | .56 | .68 | .81 | 36.4 | 10.7 | 4.50 | .57 | .70 | .82 |
| 71°F (22°C) | 800 | 380 | 41.8 | 12.3 | 3.25 | .42 | .51 | .61 | 40.4 | 11.8 | 3.62 | .42 | .52 | .61 | 39.0 | 11.4 | 4.05 | .42 | .52 | .62 | 37.4 | 11.0 | 4.53 | .42 | .52 | .63 |
| | 900 | 425 | 42.7 | 12.5 | 3.27 | .42 | .52 | .62 | 41.3 | 12.1 | 3.64 | .42 | .53 | .63 | 39.8 | 11.7 | 4.06 | .42 | .53 | .64 | 38.2 | 11.2 | 4.55 | .42 | .54 | .65 |
| | 1000 | 470 | 43.5 | 12.7 | 3.29 | .42 | .53 | .64 | 42.0 | 12.3 | 3.66 | .42 | .54 | .65 | 40.5 | 11.9 | 4.09 | .43 | .54 | .66 | 38.8 | 11.4 | 4.56 | .43 | .55 | .67 |

HS29-042 - CR26-51 COOLING CAPACITY TXV & RFC

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|------------------------|------|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|-----|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 1250 | 590 | 40.9 | 12.0 | 3.23 | .72 | .86 | .98 | 39.5 | 11.6 | 3.60 | .73 | .88 | .99 | 38.0 | 11.1 | 4.02 | .74 | .89 | 1.00 | 36.4 | 10.7 | 4.50 | .76 | .91 | 1.00 |
| | 1400 | 660 | 41.7 | 12.2 | 3.25 | .75 | .89 | 1.00 | 40.2 | 11.8 | 3.62 | .76 | .91 | 1.00 | 38.7 | 11.3 | 4.04 | .77 | .93 | 1.00 | 37.1 | 10.9 | 4.52 | .79 | .94 | 1.00 |
| | 1550 | 730 | 42.3 | 12.4 | 3.27 | .77 | .92 | 1.00 | 40.9 | 12.0 | 3.63 | .78 | .94 | 1.00 | 39.3 | 11.5 | 4.05 | .80 | .95 | 1.00 | 37.7 | 11.0 | 4.54 | .82 | .97 | 1.00 |
| 67°F (19°C) | 1250 | 590 | 43.6 | 12.8 | 3.29 | .57 | .70 | .83 | 42.1 | 12.3 | 3.66 | .57 | .71 | .84 | 40.4 | 11.8 | 4.08 | .58 | .72 | .86 | 38.7 | 11.3 | 4.57 | .59 | .73 | .88 |
| | 1400 | 660 | 44.3 | 13.0 | 3.31 | .58 | .72 | .86 | 42.7 | 12.5 | 3.67 | .59 | .74 | .88 | 41.0 | 12.0 | 4.10 | .60 | .75 | .90 | 39.2 | 11.5 | 4.58 | .60 | .77 | .91 |
| | 1550 | 730 | 44.8 | 13.1 | 3.32 | .59 | .75 | .89 | 43.2 | 12.7 | 3.69 | .60 | .76 | .91 | 41.6 | 12.2 | 4.11 | .61 | .77 | .93 | 39.7 | 11.6 | 4.59 | .62 | .79 | .95 |
| 71°F (22°C) | 1250 | 590 | 46.4 | 13.6 | 3.35 | .43 | .55 | .67 | 44.8 | 13.1 | 3.73 | .43 | .56 | .68 | 43.1 | 12.6 | 4.15 | .43 | .56 | .70 | 41.2 | 12.1 | 4.64 | .43 | .57 | .71 |
| | 1400 | 660 | 47.1 | 13.8 | 3.37 | .43 | .56 | .70 | 45.5 | 13.3 | 3.74 | .43 | .57 | .71 | 43.7 | 12.8 | 4.17 | .43 | .58 | .73 | 41.8 | 12.3 | 4.65 | .44 | .59 | .74 |
| | 1550 | 730 | 47.7 | 14.0 | 3.38 | .44 | .58 | .72 | 46.0 | 13.5 | 3.76 | .44 | .59 | .74 | 44.2 | 13.0 | 4.19 | .44 | .60 | .75 | 42.3 | 12.4 | 4.67 | .45 | .61 | .77 |

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS29-042 - CH23-41 COOLING CAPACITY TXV & RFC

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | 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 |
| 63°F (17°C) | 1250 | 590 | 40.7 | 11.9 | 3.21 | .74 | .88 | .99 | 39.3 | 11.5 | 3.58 | .75 | .90 | 1.00 | 37.9 | 11.1 | 4.00 | .76 | .91 | 1.00 | 36.3 | 10.6 | 4.48 | .78 | .93 | 1.00 |
| | 1400 | 660 | 41.5 | 12.2 | 3.23 | .77 | .91 | 1.00 | 40.1 | 11.8 | 3.60 | .78 | .93 | 1.00 | 38.6 | 11.3 | 4.02 | .79 | .95 | 1.00 | 37.0 | 10.8 | 4.49 | .81 | .96 | 1.00 |
| | 1550 | 730 | 42.2 | 12.4 | 3.24 | .79 | .94 | 1.00 | 40.7 | 11.9 | 3.61 | .81 | .96 | 1.00 | 39.3 | 11.5 | 4.03 | .82 | .97 | 1.00 | 37.7 | 11.0 | 4.51 | .84 | .99 | 1.00 |
| 67°F (19°C) | 1250 | 590 | 43.1 | 12.6 | 3.26 | .58 | .71 | .85 | 41.6 | 12.2 | 3.63 | .58 | .73 | .86 | 40.0 | 11.7 | 4.05 | .59 | .74 | .88 | 38.3 | 11.2 | 4.53 | .60 | .75 | .90 |
| | 1400 | 660 | 43.8 | 12.8 | 3.27 | .59 | .74 | .88 | 42.2 | 12.4 | 3.64 | .60 | .76 | .90 | 40.6 | 11.9 | 4.06 | .61 | .77 | .92 | 38.9 | 11.4 | 4.55 | .62 | .79 | .93 |
| | 1550 | 730 | 44.3 | 13.0 | 3.28 | .61 | .77 | .92 | 42.8 | 12.5 | 3.65 | .62 | .79 | .93 | 41.1 | 12.0 | 4.08 | .63 | .80 | .95 | 39.3 | 11.5 | 4.56 | .64 | .82 | .97 |
| 71°F (22°C) | 1250 | 590 | 45.9 | 13.5 | 3.32 | .43 | .56 | .69 | 44.3 | 13.0 | 3.69 | .43 | .57 | .70 | 42.6 | 12.5 | 4.12 | .43 | .58 | .72 | 40.8 | 12.0 | 4.59 | .44 | .59 | .73 |
| | 1400 | 660 | 46.5 | 13.6 | 3.33 | .43 | .58 | .72 | 44.9 | 13.2 | 3.71 | .44 | .59 | .73 | 43.2 | 12.7 | 4.13 | .44 | .59 | .75 | 41.3 | 12.1 | 4.62 | .45 | .61 | .77 |
| | 1550 | 730 | 47.0 | 13.8 | 3.34 | .44 | .60 | .75 | 45.4 | 13.3 | 3.72 | .44 | .60 | .76 | 43.6 | 12.8 | 4.14 | .45 | .61 | .78 | 41.7 | 12.2 | 4.63 | .45 | .63 | .80 |

HS29-042 - CH23-51 COOLING CAPACITY TXV & RFC

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | 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 |
| 63°F (17°C) | 1250 | 590 | 41.6 | 12.2 | 3.24 | .74 | .88 | .99 | 40.2 | 11.8 | 3.61 | .75 | .89 | 1.00 | 38.6 | 11.3 | 4.03 | .76 | .91 | 1.00 | 37.0 | 10.8 | 4.51 | .78 | .93 | 1.00 |
| | 1400 | 660 | 42.4 | 12.4 | 3.26 | .76 | .91 | 1.00 | 40.9 | 12.0 | 3.63 | .78 | .93 | 1.00 | 39.4 | 11.5 | 4.05 | .79 | .94 | 1.00 | 37.8 | 11.1 | 4.53 | .81 | .96 | 1.00 |
| | 1550 | 730 | 43.1 | 12.6 | 3.28 | .79 | .94 | 1.00 | 41.6 | 12.2 | 3.64 | .81 | .96 | 1.00 | 40.1 | 11.8 | 4.06 | .82 | .97 | 1.00 | 38.5 | 11.3 | 4.55 | .84 | .99 | 1.00 |
| 67°F (19°C) | 1250 | 590 | 44.1 | 12.9 | 3.29 | .57 | .71 | .84 | 42.5 | 12.5 | 3.66 | .58 | .72 | .86 | 40.9 | 12.0 | 4.09 | .59 | .74 | .88 | 39.1 | 11.5 | 4.57 | .60 | .75 | .90 |
| | 1400 | 660 | 44.8 | 13.1 | 3.31 | .59 | .74 | .88 | 43.2 | 12.7 | 3.68 | .60 | .75 | .90 | 41.5 | 12.2 | 4.11 | .61 | .77 | .91 | 39.7 | 11.6 | 4.59 | .62 | .79 | .93 |
| | 1550 | 730 | 45.3 | 13.3 | 3.32 | .61 | .77 | .91 | 43.7 | 12.8 | 3.70 | .62 | .78 | .93 | 42.0 | 12.3 | 4.11 | .62 | .80 | .95 | 40.2 | 11.8 | 4.60 | .64 | .82 | .97 |
| 71°F (22°C) | 1250 | 590 | 46.9 | 13.7 | 3.36 | .43 | .56 | .69 | 45.3 | 13.3 | 3.73 | .43 | .57 | .70 | 43.6 | 12.8 | 4.16 | .43 | .57 | .71 | 41.7 | 12.2 | 4.64 | .44 | .58 | .73 |
| | 1400 | 660 | 47.6 | 14.0 | 3.37 | .43 | .58 | .72 | 45.9 | 13.5 | 3.74 | .44 | .58 | .73 | 44.1 | 12.9 | 4.18 | .44 | .59 | .75 | 42.2 | 12.4 | 4.66 | .44 | .60 | .76 |
| | 1550 | 730 | 48.1 | 14.1 | 3.38 | .44 | .59 | .75 | 46.4 | 13.6 | 3.76 | .44 | .60 | .76 | 44.6 | 13.1 | 4.19 | .45 | .61 | .78 | 42.7 | 12.5 | 4.67 | .45 | .63 | .79 |

HS29-042 - CB29M-41 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | 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 |
| 63°F (17°C) | 1250 | 590 | 39.5 | 11.6 | 3.22 | .73 | .88 | .98 | 38.2 | 11.2 | 3.59 | .75 | .89 | .99 | 36.8 | 10.8 | 4.02 | .76 | .90 | 1.00 | 35.3 | 10.3 | 4.51 | .77 | .92 | 1.00 |
| | 1350 | 635 | 40.0 | 11.7 | 3.23 | .75 | .90 | 1.00 | 38.7 | 11.3 | 3.60 | .76 | .91 | 1.00 | 37.3 | 10.9 | 4.03 | .78 | .92 | 1.00 | 35.8 | 10.5 | 4.52 | .79 | .94 | 1.00 |
| | 1450 | 685 | 40.4 | 11.8 | 3.24 | .77 | .92 | 1.00 | 39.1 | 11.5 | 3.61 | .78 | .93 | 1.00 | 37.7 | 11.0 | 4.04 | .79 | .95 | 1.00 | 36.2 | 10.6 | 4.53 | .81 | .96 | 1.00 |
| 67°F (19°C) | 1250 | 590 | 41.9 | 12.3 | 3.27 | .57 | .71 | .85 | 40.5 | 11.9 | 3.64 | .58 | .72 | .86 | 39.0 | 11.4 | 4.07 | .59 | .73 | .87 | 37.3 | 10.9 | 4.55 | .60 | .75 | .89 |
| | 1350 | 635 | 42.3 | 12.4 | 3.27 | .58 | .73 | .87 | 40.8 | 12.0 | 3.65 | .59 | .74 | .88 | 39.3 | 11.5 | 4.07 | .60 | .76 | .90 | 37.7 | 11.0 | 4.56 | .61 | .77 | .92 |
| | 1450 | 685 | 42.6 | 12.5 | 3.28 | .59 | .75 | .89 | 41.2 | 12.1 | 3.66 | .60 | .76 | .90 | 39.7 | 11.6 | 4.08 | .61 | .77 | .92 | 38.0 | 11.1 | 4.57 | .62 | .79 | .94 |
| 71°F (22°C) | 1250 | 590 | 44.5 | 13.0 | 3.32 | .43 | .56 | .69 | 43.0 | 12.6 | 3.70 | .43 | .57 | .70 | 41.4 | 12.1 | 4.13 | .43 | .57 | .71 | 39.7 | 11.6 | 4.62 | .44 | .58 | .73 |
| | 1350 | 635 | 44.9 | 13.2 | 3.33 | .43 | .57 | .71 | 43.4 | 12.7 | 3.71 | .43 | .58 | .72 | 41.8 | 12.3 | 4.14 | .44 | .58 | .73 | 40.1 | 11.8 | 4.63 | .44 | .59 | .75 |
| | 1450 | 685 | 45.3 | 13.3 | 3.33 | .43 | .58 | .73 | 43.7 | 12.8 | 3.71 | .44 | .59 | .74 | 42.1 | 12.3 | 4.14 | .44 | .60 | .75 | 40.4 | 11.8 | 4.63 | .45 | .61 | .77 |

HS29-042 - CB30M-41 - CB30U-41/46 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | 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 |
| 63°F (17°C) | 1050 | 495 | 39.2 | 11.5 | 3.15 | .70 | .82 | .94 | 37.8 | 11.1 | 3.51 | .71 | .84 | .95 | 36.4 | 10.7 | 3.92 | .72 | .85 | .97 | 34.9 | 10.2 | 4.39 | .73 | .87 | .98 |
| | 1250 | 590 | 40.4 | 11.8 | 3.18 | .73 | .87 | .99 | 39.0 | 11.4 | 3.54 | .74 | .88 | .99 | 37.5 | 11.0 | 3.95 | .76 | .90 | 1.00 | 35.9 | 10.5 | 4.42 | .77 | .92 | 1.00 |
| | 1450 | 685 | 41.4 | 12.1 | 3.20 | .77 | .92 | 1.00 | 40.0 | 11.7 | 3.56 | .78 | .93 | 1.00 | 38.5 | 11.3 | 3.97 | .79 | .95 | 1.00 | 36.8 | 10.8 | 4.45 | .81 | .97 | 1.00 |
| 67°F (19°C) | 1050 | 495 | 41.8 | 12.3 | 3.21 | .55 | .67 | .79 | 40.4 | 11.8 | 3.57 | .56 | .68 | .80 | 38.8 | 11.4 | 3.98 | .56 | .69 | .82 | 37.1 | 10.9 | 4.46 | .57 | .70 | .84 |
| | 1250 | 590 | 42.9 | 12.6 | 3.23 | .57 | .71 | .84 | 41.4 | 12.1 | 3.59 | .58 | .72 | .85 | 39.8 | 11.7 | 4.01 | .59 | .73 | .87 | 38.1 | 11.2 | 4.48 | .59 | .75 | .89 |
| | 1450 | 685 | 43.8 | 12.8 | 3.25 | .59 | .74 | .89 | 42.2 | 12.4 | 3.62 | .60 | .76 | .90 | 40.6 | 11.9 | 4.03 | .61 | .77 | .92 | 38.8 | 11.4 | 4.50 | .62 | .79 | .94 |
| 71°F (22°C) | 1050 | 495 | 44.6 | 13.1 | 3.27 | .42 | .53 | .65 | 43.0 | 12.6 | 3.63 | .42 | .54 | .66 | 41.4 | 12.1 | 4.05 | .43 | .55 | .66 | 39.7 | 11.6 | 4.52 | .43 | .55 | .68 |
| | 1250 | 590 | 45.7 | 13.4 | 3.29 | .43 | .56 | .68 | 44.1 | 12.9 | 3.66 | .43 | .56 | .69 | 42.4 | 12.4 | 4.08 | .43 | .57 | .71 | 40.6 | 11.9 | 4.56 | .43 | .58 | .72 |
| | 1450 | 685 | 46.6 | 13.7 | 3.31 | .43 | .58 | .72 | 44.9 | 13.2 | 3.68 | .44 | .59 | .73 | 43.1 | 12.6 | 4.10 | .44 | .59 | .75 | 41.3 | 12.1 | 4.57 | .44 | .61 | .77 |

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS29-042 - CB29M-46 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|------------------------|------|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|-----|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 1200 | 565 | 41.0 | 12.0 | 3.23 | .73 | .86 | .97 | 39.6 | 11.6 | 3.60 | .74 | .87 | .99 | 38.1 | 11.2 | 4.02 | .75 | .89 | 1.00 | 36.5 | 10.7 | 4.50 | .76 | .91 | 1.00 |
| | 1350 | 635 | 41.8 | 12.3 | 3.25 | .75 | .89 | 1.00 | 40.4 | 11.8 | 3.62 | .76 | .91 | 1.00 | 38.8 | 11.4 | 4.04 | .78 | .93 | 1.00 | 37.2 | 10.9 | 4.52 | .79 | .94 | 1.00 |
| | 1500 | 710 | 42.5 | 12.5 | 3.26 | .78 | .92 | 1.00 | 41.0 | 12.0 | 3.63 | .79 | .94 | 1.00 | 39.5 | 11.6 | 4.05 | .81 | .96 | 1.00 | 37.9 | 11.1 | 4.53 | .82 | .97 | 1.00 |
| 67°F (19°C) | 1200 | 565 | 43.6 | 12.8 | 3.28 | .57 | .70 | .83 | 42.0 | 12.3 | 3.65 | .57 | .71 | .84 | 40.4 | 11.8 | 4.07 | .58 | .72 | .86 | 38.7 | 11.3 | 4.56 | .59 | .74 | .88 |
| | 1350 | 635 | 44.3 | 13.0 | 3.30 | .58 | .72 | .86 | 42.7 | 12.5 | 3.67 | .59 | .74 | .88 | 41.1 | 12.0 | 4.09 | .60 | .75 | .90 | 39.3 | 11.5 | 4.58 | .61 | .77 | .92 |
| | 1500 | 710 | 44.8 | 13.1 | 3.31 | .60 | .75 | .90 | 43.3 | 12.7 | 3.68 | .61 | .76 | .91 | 41.6 | 12.2 | 4.11 | .61 | .78 | .93 | 39.8 | 11.7 | 4.58 | .62 | .80 | .95 |
| 71°F (22°C) | 1200 | 565 | 46.4 | 13.6 | 3.34 | .43 | .55 | .67 | 44.8 | 13.1 | 3.72 | .43 | .56 | .69 | 43.1 | 12.6 | 4.14 | .43 | .56 | .70 | 41.3 | 12.1 | 4.63 | .43 | .57 | .71 |
| | 1350 | 635 | 47.1 | 13.8 | 3.36 | .43 | .57 | .70 | 45.4 | 13.3 | 3.74 | .43 | .57 | .72 | 43.7 | 12.8 | 4.16 | .44 | .58 | .73 | 41.8 | 12.3 | 4.65 | .44 | .59 | .75 |
| | 1500 | 710 | 47.7 | 14.0 | 3.37 | .44 | .58 | .73 | 46.0 | 13.5 | 3.75 | .44 | .59 | .74 | 44.2 | 13.0 | 4.18 | .44 | .60 | .76 | 42.3 | 12.4 | 4.66 | .45 | .61 | .78 |

HS29-042 - CB29M-51 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|------------------------|------|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|-----|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 1200 | 565 | 41.3 | 12.1 | 3.23 | .72 | .86 | .97 | 39.9 | 11.7 | 3.60 | .74 | .87 | .99 | 38.4 | 11.3 | 4.02 | .75 | .89 | 1.00 | 36.8 | 10.8 | 4.49 | .76 | .91 | 1.00 |
| | 1350 | 635 | 42.1 | 12.3 | 3.25 | .75 | .90 | 1.00 | 40.7 | 11.9 | 3.62 | .76 | .91 | 1.00 | 39.1 | 11.5 | 4.04 | .78 | .93 | 1.00 | 37.5 | 11.0 | 4.51 | .79 | .94 | 1.00 |
| | 1500 | 710 | 42.9 | 12.6 | 3.27 | .77 | .93 | 1.00 | 41.4 | 12.1 | 3.63 | .79 | .94 | 1.00 | 39.8 | 11.7 | 4.05 | .80 | .96 | 1.00 | 38.2 | 11.2 | 4.54 | .82 | .97 | 1.00 |
| 67°F (19°C) | 1200 | 565 | 43.9 | 12.9 | 3.29 | .57 | .70 | .83 | 42.4 | 12.4 | 3.65 | .57 | .71 | .84 | 40.8 | 12.0 | 4.08 | .58 | .72 | .86 | 39.0 | 11.4 | 4.56 | .59 | .74 | .88 |
| | 1350 | 635 | 44.7 | 13.1 | 3.30 | .58 | .72 | .86 | 43.1 | 12.6 | 3.67 | .59 | .74 | .88 | 41.4 | 12.1 | 4.10 | .60 | .75 | .89 | 39.6 | 11.6 | 4.58 | .61 | .77 | .92 |
| | 1500 | 710 | 45.3 | 13.3 | 3.31 | .60 | .75 | .89 | 43.7 | 12.8 | 3.69 | .61 | .76 | .91 | 42.0 | 12.3 | 4.11 | .61 | .78 | .93 | 40.1 | 11.8 | 4.59 | .62 | .80 | .95 |
| 71°F (22°C) | 1200 | 565 | 46.8 | 13.7 | 3.35 | .43 | .55 | .67 | 45.2 | 13.2 | 3.72 | .43 | .56 | .68 | 43.4 | 12.7 | 4.15 | .43 | .56 | .70 | 41.6 | 12.2 | 4.63 | .43 | .57 | .71 |
| | 1350 | 635 | 47.6 | 14.0 | 3.37 | .43 | .57 | .70 | 45.9 | 13.5 | 3.74 | .43 | .57 | .71 | 44.1 | 12.9 | 4.17 | .44 | .58 | .73 | 42.2 | 12.4 | 4.65 | .44 | .59 | .74 |
| | 1500 | 710 | 48.1 | 14.1 | 3.38 | .44 | .58 | .73 | 46.4 | 13.6 | 3.76 | .44 | .59 | .74 | 44.6 | 13.1 | 4.18 | .44 | .60 | .76 | 42.7 | 12.5 | 4.66 | .45 | .61 | .78 |

HS29-042 - CB30M-46 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|------------------------|------|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|-----|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 1250 | 590 | 41.2 | 12.1 | 3.17 | .73 | .87 | .98 | 39.8 | 11.7 | 3.54 | .74 | .88 | .99 | 38.3 | 11.2 | 3.95 | .75 | .90 | 1.00 | 36.7 | 10.8 | 4.41 | .77 | .92 | 1.00 |
| | 1400 | 660 | 42.0 | 12.3 | 3.19 | .76 | .90 | 1.00 | 40.5 | 11.9 | 3.56 | .77 | .92 | 1.00 | 39.0 | 11.4 | 3.96 | .78 | .94 | 1.00 | 37.4 | 11.0 | 4.43 | .80 | .95 | 1.00 |
| | 1550 | 730 | 42.7 | 12.5 | 3.21 | .78 | .93 | 1.00 | 41.2 | 12.1 | 3.57 | .80 | .95 | 1.00 | 39.7 | 11.6 | 3.98 | .81 | .96 | 1.00 | 38.0 | 11.1 | 4.45 | .83 | .98 | 1.00 |
| 67°F (19°C) | 1250 | 590 | 43.8 | 12.8 | 3.23 | .57 | .71 | .84 | 42.2 | 12.4 | 3.59 | .58 | .72 | .85 | 40.6 | 11.9 | 4.01 | .59 | .73 | .87 | 38.9 | 11.4 | 4.48 | .60 | .75 | .89 |
| | 1400 | 660 | 44.5 | 13.0 | 3.24 | .59 | .73 | .87 | 42.9 | 12.6 | 3.61 | .59 | .75 | .89 | 41.2 | 12.1 | 4.02 | .60 | .76 | .91 | 39.4 | 11.5 | 4.49 | .61 | .78 | .93 |
| | 1550 | 730 | 45.0 | 13.2 | 3.26 | .60 | .76 | .91 | 43.4 | 12.7 | 3.62 | .61 | .77 | .92 | 41.7 | 12.2 | 4.03 | .62 | .79 | .94 | 39.9 | 11.7 | 4.51 | .63 | .81 | .96 |
| 71°F (22°C) | 1250 | 590 | 46.6 | 13.7 | 3.29 | .43 | .56 | .68 | 45.0 | 13.2 | 3.65 | .43 | .56 | .69 | 43.3 | 12.7 | 4.08 | .43 | .57 | .71 | 41.4 | 12.1 | 4.55 | .43 | .58 | .72 |
| | 1400 | 660 | 47.3 | 13.9 | 3.30 | .43 | .57 | .71 | 45.6 | 13.4 | 3.67 | .44 | .58 | .72 | 43.9 | 12.9 | 4.09 | .44 | .59 | .74 | 42.0 | 12.3 | 4.56 | .44 | .60 | .75 |
| | 1550 | 730 | 47.9 | 14.0 | 3.31 | .44 | .59 | .74 | 46.1 | 13.5 | 3.69 | .44 | .60 | .75 | 44.3 | 13.0 | 4.10 | .44 | .61 | .77 | 42.4 | 12.4 | 4.58 | .45 | .62 | .79 |

HS29-042 - CB31MV-41 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|------------------------|------|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|-----|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 1265 | 595 | 41.3 | 12.1 | 3.21 | .73 | .87 | .99 | 39.8 | 11.7 | 3.58 | .74 | .89 | 1.00 | 38.3 | 11.2 | 4.00 | .76 | .91 | 1.00 | 36.7 | 10.8 | 4.47 | .77 | .92 | 1.00 |
| | 1400 | 660 | 41.9 | 12.3 | 3.23 | .76 | .90 | 1.00 | 40.5 | 11.9 | 3.60 | .77 | .92 | 1.00 | 39.0 | 11.4 | 4.01 | .78 | .94 | 1.00 | 37.3 | 10.9 | 4.49 | .80 | .96 | 1.00 |
| | 1545 | 730 | 42.6 | 12.5 | 3.25 | .78 | .93 | 1.00 | 41.1 | 12.0 | 3.61 | .80 | .95 | 1.00 | 39.6 | 11.6 | 4.03 | .81 | .96 | 1.00 | 37.9 | 11.1 | 4.50 | .83 | .98 | 1.00 |
| 67°F (19°C) | 1265 | 595 | 43.8 | 12.8 | 3.27 | .57 | .71 | .84 | 42.3 | 12.4 | 3.63 | .58 | .72 | .86 | 40.6 | 11.9 | 4.06 | .59 | .73 | .88 | 38.9 | 11.4 | 4.53 | .60 | .75 | .90 |
| | 1400 | 660 | 44.4 | 13.0 | 3.28 | .59 | .73 | .87 | 42.8 | 12.5 | 3.65 | .59 | .75 | .89 | 41.2 | 12.1 | 4.07 | .60 | .76 | .91 | 39.4 | 11.5 | 4.54 | .61 | .78 | .93 |
| | 1545 | 730 | 45.0 | 13.2 | 3.29 | .60 | .76 | .91 | 43.4 | 12.7 | 3.66 | .61 | .77 | .92 | 41.7 | 12.2 | 4.08 | .62 | .79 | .94 | 39.8 | 11.7 | 4.56 | .63 | .81 | .96 |
| 71°F (22°C) | 1265 | 595 | 46.7 | 13.7 | 3.33 | .43 | .56 | .69 | 45.0 | 13.2 | 3.70 | .43 | .56 | .70 | 43.3 | 12.7 | 4.13 | .43 | .57 | .71 | 41.4 | 12.1 | 4.61 | .43 | .58 | .73 |
| | 1400 | 660 | 47.3 | 13.9 | 3.34 | .43 | .57 | .71 | 45.6 | 13.4 | 3.71 | .43 | .58 | .72 | 43.8 | 12.8 | 4.14 | .44 | .59 | .74 | 41.9 | 12.3 | 4.62 | .44 | .60 | .76 |
| | 1545 | 730 | 47.8 | 14.0 | 3.35 | .44 | .59 | .74 | 46.1 | 13.5 | 3.73 | .44 | .60 | .75 | 44.3 | 13.0 | 4.15 | .44 | .61 | .77 | 42.3 | 12.4 | 4.63 | .45 | .62 | .79 |

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS29-042 - CB30M-51 - CB30U-51 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | 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 |
| 63°F (17°C) | 1200 | 565 | 41.8 | 12.3 | 3.26 | .72 | .86 | .98 | 40.4 | 11.8 | 3.62 | .73 | .87 | .99 | 38.8 | 11.4 | 4.04 | .74 | .89 | 1.00 | 37.1 | 10.9 | 4.52 | .76 | .91 | 1.00 |
| | 1400 | 660 | 43.0 | 12.6 | 3.28 | .76 | .90 | 1.00 | 41.4 | 12.1 | 3.65 | .77 | .92 | 1.00 | 39.8 | 11.7 | 4.07 | .78 | .94 | 1.00 | 38.0 | 11.1 | 4.55 | .80 | .96 | 1.00 |
| | 1600 | 755 | 43.9 | 12.9 | 3.30 | .79 | .95 | 1.00 | 42.3 | 12.4 | 3.67 | .80 | .96 | 1.00 | 40.7 | 11.9 | 4.10 | .82 | .98 | 1.00 | 39.0 | 11.4 | 4.58 | .84 | .99 | 1.00 |
| 67°F (19°C) | 1200 | 565 | 44.6 | 13.1 | 3.32 | .57 | .70 | .82 | 43.0 | 12.6 | 3.69 | .57 | .70 | .84 | 41.3 | 12.1 | 4.11 | .58 | .72 | .86 | 39.4 | 11.5 | 4.59 | .59 | .73 | .87 |
| | 1400 | 660 | 45.6 | 13.4 | 3.34 | .59 | .73 | .87 | 43.9 | 12.9 | 3.72 | .59 | .74 | .89 | 42.2 | 12.4 | 4.13 | .60 | .76 | .91 | 40.3 | 11.8 | 4.61 | .61 | .78 | .93 |
| | 1600 | 755 | 46.4 | 13.6 | 3.36 | .61 | .77 | .92 | 44.7 | 13.1 | 3.73 | .62 | .78 | .93 | 42.9 | 12.6 | 4.15 | .63 | .80 | .95 | 40.9 | 12.0 | 4.63 | .64 | .82 | .98 |
| 71°F (22°C) | 1200 | 565 | 47.6 | 14.0 | 3.38 | .43 | .55 | .67 | 45.9 | 13.5 | 3.76 | .43 | .55 | .68 | 44.0 | 12.9 | 4.18 | .43 | .56 | .69 | 42.1 | 12.3 | 4.67 | .43 | .57 | .71 |
| | 1400 | 660 | 48.6 | 14.2 | 3.41 | .43 | .57 | .71 | 46.8 | 13.7 | 3.79 | .44 | .58 | .72 | 44.9 | 13.2 | 4.21 | .44 | .59 | .73 | 42.9 | 12.6 | 4.69 | .44 | .60 | .75 |
| | 1600 | 755 | 49.4 | 14.5 | 3.43 | .44 | .59 | .74 | 47.5 | 13.9 | 3.81 | .44 | .60 | .76 | 45.6 | 13.4 | 4.23 | .45 | .61 | .78 | 43.5 | 12.7 | 4.71 | .45 | .63 | .80 |

HS29-042 - CB31MV-51 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | 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 |
| 63°F (17°C) | 1205 | 570 | 41.4 | 12.1 | 3.27 | .72 | .86 | .98 | 39.9 | 11.7 | 3.64 | .73 | .87 | .99 | 38.3 | 11.2 | 4.06 | .74 | .89 | 1.00 | 36.6 | 10.7 | 4.54 | .76 | .91 | 1.00 |
| | 1425 | 675 | 42.6 | 12.5 | 3.30 | .76 | .91 | 1.00 | 41.1 | 12.0 | 3.67 | .77 | .92 | 1.00 | 39.4 | 11.5 | 4.09 | .79 | .94 | 1.00 | 37.7 | 11.0 | 4.57 | .81 | .96 | 1.00 |
| | 1625 | 765 | 43.5 | 12.7 | 3.32 | .80 | .95 | 1.00 | 42.0 | 12.3 | 3.69 | .81 | .97 | 1.00 | 40.3 | 11.8 | 4.11 | .83 | .99 | 1.00 | 38.7 | 11.3 | 4.60 | .84 | 1.00 | 1.00 |
| 67°F (19°C) | 1205 | 570 | 44.1 | 12.9 | 3.33 | .56 | .70 | .82 | 42.5 | 12.5 | 3.70 | .57 | .71 | .84 | 40.8 | 12.0 | 4.13 | .58 | .72 | .86 | 38.9 | 11.4 | 4.61 | .59 | .74 | .88 |
| | 1425 | 675 | 45.2 | 13.2 | 3.36 | .59 | .73 | .88 | 43.5 | 12.7 | 3.73 | .60 | .75 | .89 | 41.7 | 12.2 | 4.15 | .60 | .76 | .91 | 39.9 | 11.7 | 4.63 | .62 | .78 | .94 |
| | 1625 | 765 | 45.9 | 13.5 | 3.37 | .61 | .77 | .92 | 44.2 | 13.0 | 3.75 | .62 | .79 | .94 | 42.4 | 12.4 | 4.17 | .63 | .80 | .96 | 40.5 | 11.9 | 4.66 | .64 | .82 | .98 |
| 71°F (22°C) | 1205 | 570 | 47.0 | 13.8 | 3.40 | .43 | .55 | .67 | 45.3 | 13.3 | 3.78 | .43 | .55 | .68 | 43.6 | 12.8 | 4.20 | .43 | .56 | .69 | 41.6 | 12.2 | 4.69 | .43 | .57 | .71 |
| | 1425 | 675 | 48.1 | 14.1 | 3.43 | .43 | .57 | .71 | 46.4 | 13.6 | 3.81 | .44 | .58 | .72 | 44.5 | 13.0 | 4.23 | .44 | .59 | .74 | 42.5 | 12.5 | 4.72 | .44 | .60 | .76 |
| | 1625 | 765 | 48.9 | 14.3 | 3.44 | .44 | .60 | .75 | 47.1 | 13.8 | 3.82 | .44 | .61 | .76 | 45.1 | 13.2 | 4.25 | .45 | .62 | .78 | 43.0 | 12.6 | 4.74 | .45 | .63 | .80 |

HS29-042 - CVP10-46/EC10Q4 - CVP10-51/EC10Q4 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | 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 |
| 63°F (17°C) | 1200 | 565 | 40.0 | 11.7 | 3.18 | .72 | .86 | .97 | 38.7 | 11.3 | 3.54 | .73 | .87 | .98 | 37.2 | 10.9 | 3.95 | .74 | .89 | .99 | 35.7 | 10.5 | 4.43 | .76 | .90 | 1.00 |
| | 1400 | 660 | 41.1 | 12.0 | 3.20 | .76 | .90 | 1.00 | 39.7 | 11.6 | 3.57 | .77 | .92 | 1.00 | 38.2 | 11.2 | 3.98 | .78 | .93 | 1.00 | 36.6 | 10.7 | 4.45 | .80 | .95 | 1.00 |
| | 1600 | 755 | 42.0 | 12.3 | 3.22 | .79 | .94 | 1.00 | 40.6 | 11.9 | 3.58 | .81 | .96 | 1.00 | 39.1 | 11.5 | 4.00 | .82 | .97 | 1.00 | 37.5 | 11.0 | 4.48 | .84 | .99 | 1.00 |
| 67°F (19°C) | 1200 | 565 | 42.6 | 12.5 | 3.23 | .57 | .70 | .82 | 41.1 | 12.0 | 3.60 | .57 | .71 | .84 | 39.5 | 11.6 | 4.01 | .58 | .72 | .85 | 37.8 | 11.1 | 4.49 | .59 | .74 | .87 |
| | 1400 | 660 | 43.5 | 12.7 | 3.25 | .59 | .73 | .87 | 42.0 | 12.3 | 3.62 | .59 | .75 | .89 | 40.3 | 11.8 | 4.04 | .60 | .76 | .91 | 38.6 | 11.3 | 4.51 | .61 | .78 | .92 |
| | 1600 | 755 | 44.3 | 13.0 | 3.27 | .61 | .77 | .92 | 42.7 | 12.5 | 3.64 | .62 | .78 | .93 | 41.0 | 12.0 | 4.05 | .62 | .80 | .95 | 39.2 | 11.5 | 4.53 | .64 | .82 | .97 |
| 71°F (22°C) | 1200 | 565 | 45.4 | 13.3 | 3.29 | .43 | .55 | .67 | 43.8 | 12.8 | 3.66 | .43 | .55 | .68 | 42.1 | 12.3 | 4.08 | .43 | .56 | .70 | 40.3 | 11.8 | 4.56 | .43 | .57 | .71 |
| | 1400 | 660 | 46.3 | 13.6 | 3.31 | .43 | .57 | .71 | 44.7 | 13.1 | 3.68 | .43 | .58 | .72 | 42.9 | 12.6 | 4.10 | .44 | .59 | .74 | 41.1 | 12.0 | 4.58 | .44 | .60 | .75 |
| | 1600 | 755 | 47.0 | 13.8 | 3.33 | .44 | .59 | .75 | 45.4 | 13.3 | 3.70 | .44 | .60 | .76 | 43.6 | 12.8 | 4.12 | .45 | .61 | .78 | 41.7 | 12.2 | 4.60 | .45 | .62 | .80 |

HS29-048 — C26-41 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | 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 |
| 63°F (17°C) | 1100 | 520 | 43.1 | 12.6 | 3.33 | .70 | .82 | .93 | 41.6 | 12.2 | 3.77 | .70 | .83 | .95 | 39.9 | 11.7 | 4.27 | .72 | .85 | .96 | 38.2 | 11.2 | 4.86 | .73 | .86 | .98 |
| | 1300 | 615 | 44.4 | 13.0 | 3.36 | .72 | .86 | .97 | 42.8 | 12.5 | 3.79 | .74 | .88 | .99 | 41.1 | 12.0 | 4.30 | .75 | .89 | 1.00 | 39.3 | 11.5 | 4.89 | .76 | .91 | 1.00 |
| | 1500 | 710 | 45.5 | 13.3 | 3.38 | .76 | .90 | 1.00 | 43.8 | 12.8 | 3.81 | .77 | .92 | 1.00 | 42.1 | 12.3 | 4.32 | .79 | .93 | 1.00 | 40.2 | 11.8 | 4.92 | .80 | .96 | 1.00 |
| 67°F (19°C) | 1100 | 520 | 46.0 | 13.5 | 3.38 | .55 | .67 | .78 | 44.4 | 13.0 | 3.82 | .56 | .68 | .80 | 42.6 | 12.5 | 4.33 | .56 | .69 | .81 | 40.7 | 11.9 | 4.92 | .57 | .70 | .83 |
| | 1300 | 615 | 47.2 | 13.8 | 3.40 | .57 | .70 | .83 | 45.5 | 13.3 | 3.84 | .57 | .71 | .84 | 43.6 | 12.8 | 4.35 | .58 | .72 | .86 | 41.7 | 12.2 | 4.94 | .59 | .74 | .88 |
| | 1500 | 710 | 48.1 | 14.1 | 3.42 | .59 | .73 | .87 | 46.3 | 13.6 | 3.86 | .59 | .75 | .89 | 44.4 | 13.0 | 4.37 | .60 | .76 | .91 | 42.4 | 12.4 | 4.96 | .61 | .78 | .93 |
| 71°F (22°C) | 1100 | 520 | 49.1 | 14.4 | 3.43 | .42 | .53 | .64 | 47.3 | 13.9 | 3.88 | .42 | .54 | .65 | 45.4 | 13.3 | 4.39 | .43 | .54 | .66 | 43.5 | 12.7 | 4.99 | .43 | .55 | .67 |
| | 1300 | 615 | 50.3 | 14.7 | 3.45 | .43 | .55 | .67 | 48.4 | 14.2 | 3.90 | .43 | .56 | .69 | 46.5 | 13.6 | 4.42 | .43 | .57 | .70 | 44.5 | 13.0 | 5.02 | .43 | .57 | .71 |
| | 1500 | 710 | 51.2 | 15.0 | 3.47 | .43 | .57 | .71 | 49.3 | 14.4 | 3.92 | .43 | .58 | .72 | 47.3 | 13.9 | 4.44 | .44 | .59 | .74 | 45.2 | 13.2 | 5.03 | .44 | .60 | .75 |

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS29-048 — C26-46 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-------------|------------------------|-------|---------------------|-------------------------------|--------------|-----------|------------------------|------|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|-----|------|
| | | | 85°F (29°C) | | | | | 95°F (35°C) | | | | | 105°F (41°C) | | | | | 115°F (46°C) | | | | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 1200 | 565 | 44.4 | 13.0 | 3.36 | .71 | .84 | .96 | 42.7 | 12.5 | 3.79 | .72 | .86 | .97 | 41.0 | 12.0 | 4.30 | .73 | .87 | .99 | 39.2 | 11.5 | 4.89 | .75 | .89 | 1.00 |
| | 1400 | 660 | 45.6 | 13.4 | 3.38 | .74 | .89 | .99 | 43.9 | 12.9 | 3.82 | .76 | .90 | 1.00 | 42.1 | 12.3 | 4.32 | .77 | .92 | 1.00 | 40.3 | 11.8 | 4.91 | .79 | .94 | 1.00 |
| | 1600 | 755 | 46.6 | 13.7 | 3.40 | .78 | .93 | 1.00 | 44.9 | 13.2 | 3.84 | .79 | .94 | 1.00 | 43.1 | 12.6 | 4.34 | .81 | .96 | 1.00 | 41.2 | 12.1 | 4.94 | .83 | .98 | 1.00 |
| 67°F (19°C) | 1200 | 565 | 47.2 | 13.8 | 3.40 | .56 | .69 | .81 | 45.5 | 13.3 | 3.84 | .56 | .69 | .82 | 43.6 | 12.8 | 4.35 | .57 | .71 | .84 | 41.7 | 12.2 | 4.94 | .58 | .72 | .86 |
| | 1400 | 660 | 48.3 | 14.2 | 3.42 | .58 | .72 | .86 | 46.5 | 13.6 | 3.86 | .58 | .73 | .87 | 44.6 | 13.1 | 4.38 | .60 | .75 | .89 | 42.6 | 12.5 | 4.98 | .60 | .76 | .91 |
| | 1600 | 755 | 49.2 | 14.4 | 3.44 | .60 | .75 | .90 | 47.3 | 13.9 | 3.88 | .61 | .77 | .92 | 45.3 | 13.3 | 4.40 | .62 | .79 | .93 | 43.3 | 12.7 | 4.99 | .63 | .80 | .95 |
| 71°F (22°C) | 1200 | 565 | 50.3 | 14.7 | 3.46 | .43 | .54 | .66 | 48.5 | 14.2 | 3.91 | .42 | .55 | .67 | 46.5 | 13.6 | 4.42 | .43 | .55 | .68 | 44.5 | 13.0 | 5.02 | .43 | .56 | .70 |
| | 1400 | 660 | 51.4 | 15.1 | 3.48 | .43 | .56 | .69 | 49.5 | 14.5 | 3.93 | .43 | .57 | .71 | 47.5 | 13.9 | 4.44 | .44 | .58 | .72 | 45.4 | 13.3 | 5.05 | .44 | .59 | .74 |
| | 1600 | 755 | 52.3 | 15.3 | 3.50 | .44 | .58 | .73 | 50.3 | 14.7 | 3.94 | .44 | .59 | .75 | 48.2 | 14.1 | 4.46 | .44 | .60 | .76 | 46.0 | 13.5 | 5.06 | .45 | .62 | .78 |

HS29-048 — C23-51 COOLING CAPACITY TXV & RFC

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-------------|------------------------|-------|---------------------|-------------------------------|--------------|-----------|------------------------|------|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|-----|------|
| | | | 85°F (29°C) | | | | | 95°F (35°C) | | | | | 105°F (41°C) | | | | | 115°F (46°C) | | | | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 1400 | 660 | 46.5 | 13.6 | 3.49 | .74 | .88 | .99 | 44.8 | 13.1 | 3.94 | .75 | .89 | 1.00 | 43.0 | 12.6 | 4.46 | .76 | .91 | 1.00 | 41.1 | 12.0 | 5.08 | .78 | .93 | 1.00 |
| | 1600 | 755 | 47.5 | 13.9 | 3.50 | .77 | .92 | 1.00 | 45.8 | 13.4 | 3.96 | .78 | .93 | 1.00 | 43.9 | 12.9 | 4.49 | .80 | .95 | 1.00 | 42.1 | 12.3 | 5.10 | .81 | .97 | 1.00 |
| | 1800 | 850 | 48.4 | 14.2 | 3.52 | .80 | .95 | 1.00 | 46.6 | 13.7 | 3.98 | .81 | .97 | 1.00 | 44.9 | 13.2 | 4.50 | .83 | .98 | 1.00 | 43.0 | 12.6 | 5.12 | .85 | .99 | 1.00 |
| 67°F (19°C) | 1400 | 660 | 49.4 | 14.5 | 3.53 | .57 | .71 | .84 | 47.6 | 14.0 | 3.99 | .58 | .72 | .86 | 45.6 | 13.4 | 4.52 | .59 | .74 | .88 | 43.6 | 12.8 | 5.13 | .60 | .75 | .90 |
| | 1600 | 755 | 50.2 | 14.7 | 3.55 | .59 | .75 | .89 | 48.4 | 14.2 | 4.01 | .60 | .76 | .90 | 46.4 | 13.6 | 4.53 | .61 | .77 | .92 | 44.3 | 13.0 | 5.15 | .62 | .79 | .94 |
| | 1800 | 850 | 51.0 | 14.9 | 3.56 | .61 | .77 | .92 | 49.0 | 14.4 | 4.01 | .62 | .79 | .94 | 47.0 | 13.8 | 4.55 | .63 | .81 | .96 | 44.9 | 13.2 | 5.17 | .64 | .83 | .98 |
| 71°F (22°C) | 1400 | 660 | 52.6 | 15.4 | 3.59 | .43 | .56 | .69 | 50.6 | 14.8 | 4.05 | .43 | .57 | .70 | 48.6 | 14.2 | 4.59 | .43 | .57 | .71 | 46.5 | 13.6 | 5.20 | .44 | .58 | .73 |
| | 1600 | 755 | 53.4 | 15.6 | 3.60 | .43 | .58 | .72 | 51.4 | 15.1 | 4.07 | .44 | .59 | .74 | 49.3 | 14.4 | 4.60 | .44 | .60 | .75 | 47.2 | 13.8 | 5.23 | .44 | .61 | .77 |
| | 1800 | 850 | 54.1 | 15.9 | 3.62 | .44 | .60 | .75 | 52.1 | 15.3 | 4.08 | .45 | .61 | .77 | 49.9 | 14.6 | 4.61 | .45 | .62 | .79 | 47.7 | 14.0 | 5.24 | .45 | .63 | .81 |

HS29-048 — C26-51/65 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-------------|------------------------|-------|---------------------|-------------------------------|--------------|-----------|------------------------|------|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|------|------|
| | | | 85°F (29°C) | | | | | 95°F (35°C) | | | | | 105°F (41°C) | | | | | 115°F (46°C) | | | | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 1400 | 660 | 46.6 | 13.7 | 3.38 | .74 | .88 | .99 | 44.8 | 13.1 | 3.82 | .76 | .90 | 1.00 | 43.0 | 12.6 | 4.32 | .77 | .92 | 1.00 | 41.1 | 12.0 | 4.92 | .78 | .94 | 1.00 |
| | 1600 | 755 | 47.7 | 14.0 | 3.40 | .77 | .92 | 1.00 | 45.9 | 13.5 | 3.83 | .79 | .94 | 1.00 | 44.0 | 12.9 | 4.35 | .80 | .96 | 1.00 | 42.1 | 12.3 | 4.94 | .82 | .98 | 1.00 |
| | 1800 | 850 | 48.6 | 14.2 | 3.42 | .81 | .96 | 1.00 | 46.8 | 13.7 | 3.86 | .82 | .98 | 1.00 | 45.0 | 13.2 | 4.37 | .84 | .99 | 1.00 | 43.2 | 12.7 | 4.96 | .86 | 1.00 | 1.00 |
| 67°F (19°C) | 1400 | 660 | 49.5 | 14.5 | 3.43 | .58 | .72 | .85 | 47.6 | 14.0 | 3.87 | .59 | .73 | .87 | 45.6 | 13.4 | 4.38 | .59 | .74 | .88 | 43.5 | 12.9 | 4.97 | .60 | .76 | .91 |
| | 1600 | 755 | 50.4 | 14.8 | 3.45 | .60 | .75 | .89 | 48.4 | 14.2 | 3.89 | .61 | .77 | .91 | 46.4 | 13.6 | 4.41 | .62 | .78 | .93 | 44.2 | 13.0 | 5.01 | .63 | .80 | .95 |
| | 1800 | 850 | 51.1 | 15.0 | 3.46 | .62 | .79 | .93 | 49.1 | 14.4 | 3.91 | .63 | .80 | .95 | 47.1 | 13.8 | 4.42 | .64 | .82 | .97 | 44.9 | 13.2 | 5.02 | .65 | .84 | .99 |
| 71°F (22°C) | 1400 | 660 | 52.7 | 15.4 | 3.49 | .43 | .56 | .69 | 50.7 | 14.9 | 3.94 | .43 | .57 | .70 | 48.6 | 14.2 | 4.45 | .43 | .58 | .72 | 46.4 | 13.6 | 5.05 | .44 | .59 | .74 |
| | 1600 | 755 | 53.6 | 15.7 | 3.51 | .44 | .58 | .73 | 51.5 | 15.1 | 3.95 | .44 | .59 | .74 | 49.4 | 14.5 | 4.47 | .44 | .60 | .76 | 47.1 | 13.8 | 5.08 | .45 | .61 | .78 |
| | 1800 | 850 | 54.3 | 15.9 | 3.52 | .44 | .60 | .76 | 52.2 | 15.3 | 3.97 | .45 | .61 | .78 | 50.0 | 14.7 | 4.49 | .45 | .63 | .80 | 47.7 | 14.0 | 5.09 | .46 | .64 | .82 |

HS29-048 - C23-51/65 COOLING CAPACITY TXV & RFC

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-------------|------------------------|-------|---------------------|-------------------------------|--------------|-----------|------------------------|------|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|------|------|
| | | | 85°F (29°C) | | | | | 95°F (35°C) | | | | | 105°F (41°C) | | | | | 115°F (46°C) | | | | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 1400 | 660 | 47.1 | 13.8 | 3.43 | .74 | .87 | .99 | 45.3 | 13.3 | 3.88 | .75 | .89 | 1.00 | 43.5 | 12.7 | 4.39 | .76 | .91 | 1.00 | 41.5 | 12.2 | 4.98 | .78 | .93 | 1.00 |
| | 1600 | 755 | 48.1 | 14.1 | 3.45 | .77 | .92 | 1.00 | 46.3 | 13.6 | 3.89 | .78 | .93 | 1.00 | 44.5 | 13.0 | 4.41 | .80 | .95 | 1.00 | 42.5 | 12.5 | 5.01 | .81 | .97 | 1.00 |
| | 1800 | 850 | 49.1 | 14.4 | 3.46 | .80 | .95 | 1.00 | 47.3 | 13.9 | 3.91 | .81 | .97 | 1.00 | 45.4 | 13.3 | 4.43 | .83 | .98 | 1.00 | 43.4 | 12.7 | 5.03 | .85 | 1.00 | 1.00 |
| 67°F (19°C) | 1400 | 660 | 50.1 | 14.7 | 3.48 | .57 | .71 | .84 | 48.2 | 14.1 | 3.93 | .58 | .72 | .86 | 46.1 | 13.5 | 4.45 | .59 | .74 | .88 | 44.1 | 12.9 | 5.05 | .60 | .75 | .90 |
| | 1600 | 755 | 51.0 | 14.9 | 3.50 | .59 | .74 | .88 | 49.0 | 14.4 | 3.95 | .60 | .76 | .90 | 47.0 | 13.8 | 4.47 | .61 | .77 | .92 | 44.8 | 13.1 | 5.08 | .62 | .79 | .94 |
| | 1800 | 850 | 51.7 | 15.2 | 3.51 | .61 | .77 | .92 | 49.7 | 14.6 | 3.96 | .62 | .79 | .94 | 47.6 | 14.0 | 4.49 | .63 | .81 | .96 | 45.4 | 13.3 | 5.10 | .64 | .83 | .98 |
| 71°F (22°C) | 1400 | 660 | 53.4 | 15.6 | 3.54 | .43 | .56 | .68 | 51.3 | 15.0 | 3.99 | .43 | .56 | .70 | 49.2 | 14.4 | 4.52 | .43 | .57 | .71 | 47.1 | 13.8 | 5.13 | .44 | .58 | .73 |
| | 1600 | 755 | 54.3 | 15.9 | 3.55 | .43 | .58 | .72 | 52.2 | 15.3 | 4.01 | .44 | .58 | .73 | 50.0 | 14.7 | 4.54 | .44 | .60 | .75 | 47.8 | 14.0 | 5.15 | .45 | .61 | .77 |
| | 1800 | 850 | 55.0 | 16.1 | 3.57 | .44 | .60 | .75 | 52.9 | 15.5 | 4.03 | .44 | .61 | .77 | 50.7 | 14.9 | 4.55 | .45 | .62 | .79 | 48.4 | 14.2 | 5.17 | .45 | .63 | .81 |

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS29-048 - C26-65EAP, CH23-68 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | 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 |
| 63°F (17°C) | 1400 | 660 | 48.0 | 14.1 | 3.39 | .73 | .88 | .99 | 46.2 | 13.5 | 3.82 | .75 | .89 | 1.00 | 44.3 | 13.0 | 4.33 | .76 | .91 | 1.00 | 42.3 | 12.4 | 4.93 | .78 | .93 | 1.00 |
| | 1600 | 755 | 49.2 | 14.4 | 3.41 | .77 | .92 | 1.00 | 47.3 | 13.9 | 3.85 | .78 | .94 | 1.00 | 45.3 | 13.3 | 4.36 | .80 | .96 | 1.00 | 43.2 | 12.7 | 4.95 | .82 | .98 | 1.00 |
| | 1800 | 850 | 50.1 | 14.7 | 3.43 | .80 | .96 | 1.00 | 48.2 | 14.1 | 3.87 | .82 | .98 | 1.00 | 46.2 | 13.5 | 4.38 | .84 | .99 | 1.00 | 44.3 | 13.0 | 4.97 | .86 | 1.00 | 1.00 |
| 67°F (19°C) | 1400 | 660 | 51.1 | 15.0 | 3.44 | .58 | .71 | .84 | 49.1 | 14.4 | 3.88 | .58 | .73 | .86 | 47.1 | 13.8 | 4.39 | .59 | .74 | .88 | 44.9 | 13.2 | 5.00 | .60 | .76 | .90 |
| | 1600 | 755 | 52.1 | 15.3 | 3.46 | .59 | .74 | .89 | 50.0 | 14.7 | 3.91 | .60 | .76 | .91 | 47.9 | 14.0 | 4.42 | .61 | .78 | .93 | 45.7 | 13.4 | 5.01 | .62 | .79 | .95 |
| | 1800 | 850 | 52.8 | 15.5 | 3.48 | .61 | .78 | .93 | 50.7 | 14.9 | 3.92 | .62 | .79 | .95 | 48.6 | 14.2 | 4.43 | .63 | .81 | .97 | 46.3 | 13.6 | 5.03 | .65 | .83 | .99 |
| 71°F (22°C) | 1400 | 660 | 54.5 | 16.0 | 3.51 | .43 | .56 | .69 | 52.4 | 15.4 | 3.95 | .43 | .56 | .70 | 50.2 | 14.7 | 4.47 | .43 | .57 | .71 | 47.9 | 14.0 | 5.08 | .44 | .58 | .73 |
| | 1600 | 755 | 55.4 | 16.2 | 3.52 | .44 | .58 | .72 | 53.3 | 15.6 | 3.97 | .44 | .59 | .74 | 51.0 | 14.9 | 4.49 | .44 | .60 | .75 | 48.6 | 14.2 | 5.09 | .45 | .61 | .77 |
| | 1800 | 850 | 56.2 | 16.5 | 3.54 | .44 | .60 | .76 | 54.0 | 15.8 | 3.99 | .45 | .61 | .77 | 51.6 | 15.1 | 4.51 | .45 | .62 | .79 | 49.2 | 14.4 | 5.11 | .46 | .64 | .81 |

HS29-048 - CR26-51 COOLING CAPACITY TXV & RFC

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | 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 |
| 63°F (17°C) | 1200 | 565 | 44.4 | 13.0 | 3.39 | .70 | .83 | .94 | 42.8 | 12.5 | 3.83 | .71 | .84 | .96 | 41.1 | 12.0 | 4.34 | .72 | .86 | .97 | 39.2 | 11.5 | 4.94 | .73 | .88 | .99 |
| | 1400 | 660 | 45.6 | 13.4 | 3.41 | .73 | .87 | .98 | 43.9 | 12.9 | 3.85 | .74 | .89 | .99 | 42.1 | 12.3 | 4.37 | .75 | .90 | 1.00 | 40.3 | 11.8 | 4.97 | .77 | .92 | 1.00 |
| | 1600 | 755 | 46.6 | 13.7 | 3.43 | .76 | .91 | 1.00 | 44.9 | 13.2 | 3.87 | .77 | .92 | 1.00 | 43.0 | 12.6 | 4.39 | .79 | .94 | 1.00 | 41.2 | 12.1 | 4.99 | .81 | .96 | 1.00 |
| 67°F (19°C) | 1200 | 565 | 47.4 | 13.9 | 3.44 | .55 | .68 | .80 | 45.7 | 13.4 | 3.89 | .56 | .68 | .81 | 43.8 | 12.8 | 4.40 | .57 | .70 | .82 | 41.9 | 12.3 | 5.01 | .57 | .71 | .84 |
| | 1400 | 660 | 48.5 | 14.2 | 3.46 | .57 | .71 | .84 | 46.7 | 13.7 | 3.91 | .58 | .72 | .85 | 44.8 | 13.1 | 4.43 | .58 | .73 | .87 | 42.8 | 12.5 | 5.02 | .59 | .75 | .89 |
| | 1600 | 755 | 49.4 | 14.5 | 3.48 | .59 | .73 | .88 | 47.5 | 13.9 | 3.92 | .60 | .75 | .90 | 45.6 | 13.4 | 4.44 | .60 | .76 | .91 | 43.5 | 12.7 | 5.05 | .61 | .78 | .93 |
| 71°F (22°C) | 1200 | 565 | 50.6 | 14.8 | 3.50 | .42 | .54 | .65 | 48.7 | 14.3 | 3.95 | .43 | .54 | .66 | 46.8 | 13.7 | 4.47 | .43 | .55 | .67 | 44.8 | 13.1 | 5.08 | .43 | .56 | .68 |
| | 1400 | 660 | 51.7 | 15.2 | 3.52 | .43 | .55 | .68 | 49.8 | 14.6 | 3.97 | .43 | .56 | .69 | 47.8 | 14.0 | 4.49 | .43 | .57 | .71 | 45.7 | 13.4 | 5.10 | .44 | .58 | .72 |
| | 1600 | 755 | 52.5 | 15.4 | 3.53 | .43 | .57 | .71 | 50.6 | 14.8 | 3.99 | .43 | .58 | .72 | 48.5 | 14.2 | 4.51 | .44 | .59 | .74 | 46.4 | 13.6 | 5.12 | .44 | .60 | .76 |

HS29-048 — CR26-65 COOLING CAPACITY TXV & RFC

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | 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 |
| 63°F (17°C) | 1400 | 660 | 45.9 | 13.5 | 3.37 | .74 | .88 | .99 | 44.1 | 12.9 | 3.81 | .75 | .90 | 1.00 | 42.3 | 12.4 | 4.31 | .76 | .91 | 1.00 | 40.4 | 11.8 | 4.90 | .78 | .93 | 1.00 |
| | 1600 | 755 | 46.9 | 13.7 | 3.39 | .77 | .92 | 1.00 | 45.1 | 13.2 | 3.82 | .78 | .94 | 1.00 | 43.3 | 12.7 | 4.33 | .80 | .95 | 1.00 | 41.4 | 12.1 | 4.92 | .82 | .97 | 1.00 |
| | 1800 | 850 | 47.8 | 14.0 | 3.40 | .80 | .96 | 1.00 | 46.0 | 13.5 | 3.84 | .82 | .97 | 1.00 | 44.2 | 13.0 | 4.35 | .83 | .99 | 1.00 | 42.4 | 12.4 | 4.94 | .86 | 1.00 | 1.00 |
| 67°F (19°C) | 1400 | 660 | 48.7 | 14.3 | 3.42 | .57 | .71 | .85 | 46.9 | 13.7 | 3.86 | .58 | .72 | .86 | 44.9 | 13.2 | 4.37 | .59 | .74 | .88 | 42.9 | 12.6 | 4.96 | .60 | .76 | .90 |
| | 1600 | 755 | 49.6 | 14.5 | 3.44 | .59 | .75 | .89 | 47.7 | 14.0 | 3.87 | .60 | .76 | .91 | 45.7 | 13.4 | 4.39 | .61 | .78 | .93 | 43.6 | 12.8 | 4.99 | .62 | .80 | .95 |
| | 1800 | 850 | 50.3 | 14.7 | 3.45 | .61 | .78 | .93 | 48.4 | 14.2 | 3.89 | .62 | .80 | .95 | 46.3 | 13.6 | 4.41 | .63 | .81 | .97 | 44.2 | 13.0 | 5.00 | .65 | .83 | .98 |
| 71°F (22°C) | 1400 | 660 | 51.9 | 15.2 | 3.48 | .43 | .56 | .69 | 49.9 | 14.6 | 3.93 | .43 | .57 | .70 | 47.9 | 14.0 | 4.44 | .43 | .57 | .71 | 45.8 | 13.4 | 5.04 | .44 | .59 | .73 |
| | 1600 | 755 | 52.8 | 15.5 | 3.50 | .44 | .58 | .72 | 50.8 | 14.9 | 3.94 | .44 | .59 | .74 | 48.6 | 14.2 | 4.46 | .44 | .60 | .75 | 46.4 | 13.6 | 5.07 | .45 | .61 | .77 |
| | 1800 | 850 | 53.5 | 15.7 | 3.51 | .44 | .60 | .76 | 51.4 | 15.1 | 3.96 | .45 | .61 | .77 | 49.2 | 14.4 | 4.48 | .45 | .62 | .79 | 47.0 | 13.8 | 5.08 | .46 | .64 | .81 |

HS29-048 - CH23-51 COOLING CAPACITY TXV & RFC

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | 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 |
| 63°F (17°C) | 1400 | 660 | 46.3 | 13.6 | 3.38 | .75 | .89 | .99 | 44.6 | 13.1 | 3.82 | .76 | .90 | 1.00 | 42.8 | 12.5 | 4.33 | .77 | .92 | 1.00 | 41.0 | 12.0 | 4.92 | .79 | .94 | 1.00 |
| | 1600 | 755 | 47.4 | 13.9 | 3.40 | .78 | .93 | 1.00 | 45.6 | 13.4 | 3.84 | .79 | .95 | 1.00 | 43.8 | 12.8 | 4.35 | .81 | .96 | 1.00 | 42.0 | 12.3 | 4.94 | .83 | .98 | 1.00 |
| | 1800 | 850 | 48.3 | 14.2 | 3.41 | .81 | .96 | 1.00 | 46.5 | 13.6 | 3.86 | .83 | .98 | 1.00 | 44.8 | 13.1 | 4.36 | .84 | .99 | 1.00 | 43.0 | 12.6 | 4.96 | .86 | 1.00 | 1.00 |
| 67°F (19°C) | 1400 | 660 | 49.1 | 14.4 | 3.42 | .58 | .72 | .86 | 47.2 | 13.8 | 3.87 | .59 | .74 | .87 | 45.3 | 13.3 | 4.37 | .60 | .75 | .89 | 43.3 | 12.7 | 4.98 | .61 | .76 | .91 |
| | 1600 | 755 | 49.9 | 14.6 | 3.44 | .60 | .76 | .90 | 48.0 | 14.1 | 3.88 | .61 | .77 | .92 | 46.1 | 13.5 | 4.39 | .62 | .79 | .94 | 44.0 | 12.9 | 4.99 | .63 | .80 | .95 |
| | 1800 | 850 | 50.6 | 14.8 | 3.45 | .62 | .79 | .94 | 48.7 | 14.3 | 3.89 | .63 | .80 | .95 | 46.7 | 13.7 | 4.41 | .64 | .82 | .97 | 44.6 | 13.1 | 5.01 | .65 | .84 | .98 |
| 71°F (22°C) | 1400 | 660 | 52.2 | 15.3 | 3.48 | .43 | .56 | .70 | 50.3 | 14.7 | 3.92 | .43 | .57 | .71 | 48.2 | 14.1 | 4.44 | .44 | .58 | .73 | 46.1 | 13.5 | 5.04 | .44 | .59 | .74 |
| | 1600 | 755 | 53.0 | 15.5 | 3.49 | .44 | .59 | .73 | 51.0 | 14.9 | 3.94 | .44 | .60 | .75 | 48.9 | 14.3 | 4.46 | .45 | .61 | .77 | 46.8 | 13.7 | 5.07 | .45 | .62 | .78 |
| | 1800 | 850 | 53.7 | 15.7 | 3.50 | .45 | .61 | .77 | 51.6 | 15.1 | 3.95 | .45 | .62 | .79 | 49.5 | 14.5 | 4.47 | .45 | .63 | .80 | 47.3 | 13.9 | 5.08 | .46 | .64 | .82 |

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS29-048 - CH23-65 COOLING CAPACITY TXV & RFC

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-------------|------------------------|-------|---------------------|-------------------------------|--------------|-----------|------------------------|------|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|------|------|
| | | | 85°F (29°C) | | | | | 95°F (35°C) | | | | | 105°F (41°C) | | | | | 115°F (46°C) | | | | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 1400 | 660 | 46.7 | 13.7 | 3.37 | .74 | .89 | .99 | 45.0 | 13.2 | 3.81 | .76 | .90 | 1.00 | 43.2 | 12.7 | 4.32 | .77 | .92 | 1.00 | 41.3 | 12.1 | 4.90 | .79 | .94 | 1.00 |
| | 1600 | 755 | 47.8 | 14.0 | 3.39 | .78 | .93 | 1.00 | 46.0 | 13.5 | 3.83 | .79 | .94 | 1.00 | 44.2 | 13.0 | 4.33 | .81 | .96 | 1.00 | 42.3 | 12.4 | 4.93 | .82 | .98 | 1.00 |
| | 1800 | 850 | 48.8 | 14.3 | 3.41 | .81 | .96 | 1.00 | 47.0 | 13.8 | 3.84 | .82 | .98 | 1.00 | 45.1 | 13.2 | 4.35 | .84 | .99 | 1.00 | 43.3 | 12.7 | 4.95 | .86 | 1.00 | 1.00 |
| 67°F (19°C) | 1400 | 660 | 49.5 | 14.5 | 3.42 | .58 | .72 | .85 | 47.7 | 14.0 | 3.86 | .58 | .73 | .87 | 45.7 | 13.4 | 4.37 | .59 | .75 | .89 | 43.7 | 12.8 | 4.96 | .60 | .76 | .91 |
| | 1600 | 755 | 50.4 | 14.8 | 3.43 | .60 | .75 | .90 | 48.5 | 14.2 | 3.88 | .61 | .77 | .92 | 46.5 | 13.6 | 4.38 | .62 | .78 | .93 | 44.4 | 13.0 | 4.98 | .63 | .80 | .95 |
| | 1800 | 850 | 51.2 | 15.0 | 3.45 | .62 | .79 | .94 | 49.2 | 14.4 | 3.89 | .63 | .80 | .95 | 47.2 | 13.8 | 4.40 | .64 | .82 | .97 | 45.0 | 13.2 | 5.01 | .65 | .84 | .99 |
| 71°F (22°C) | 1400 | 660 | 52.8 | 15.5 | 3.48 | .43 | .56 | .69 | 50.8 | 14.9 | 3.92 | .43 | .57 | .71 | 48.7 | 14.3 | 4.44 | .44 | .58 | .72 | 46.5 | 13.6 | 5.04 | .44 | .59 | .74 |
| | 1600 | 755 | 53.6 | 15.7 | 3.49 | .44 | .58 | .73 | 51.6 | 15.1 | 3.94 | .44 | .59 | .74 | 49.4 | 14.5 | 4.46 | .44 | .60 | .76 | 47.2 | 13.8 | 5.06 | .45 | .62 | .78 |
| | 1800 | 850 | 54.3 | 15.9 | 3.50 | .45 | .61 | .76 | 52.2 | 15.3 | 3.95 | .45 | .62 | .78 | 50.0 | 14.7 | 4.47 | .45 | .63 | .80 | 47.8 | 14.0 | 5.08 | .46 | .64 | .82 |

HS29-048 - CB30M-41 -CB30U-41/46 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-------------|------------------------|-------|---------------------|-------------------------------|--------------|-----------|------------------------|------|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|-----|------|
| | | | 85°F (29°C) | | | | | 95°F (35°C) | | | | | 105°F (41°C) | | | | | 115°F (46°C) | | | | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 1050 | 495 | 42.9 | 12.6 | 3.37 | .69 | .80 | .92 | 41.3 | 12.1 | 3.81 | .69 | .82 | .93 | 39.6 | 11.6 | 4.32 | .70 | .83 | .95 | 37.9 | 11.1 | 4.91 | .72 | .85 | .97 |
| | 1250 | 590 | 44.3 | 13.0 | 3.40 | .72 | .85 | .96 | 42.6 | 12.5 | 3.84 | .73 | .86 | .98 | 40.9 | 12.0 | 4.35 | .74 | .88 | .99 | 39.1 | 11.5 | 4.95 | .75 | .90 | 1.00 |
| | 1450 | 685 | 45.4 | 13.3 | 3.42 | .75 | .89 | 1.00 | 43.7 | 12.8 | 3.86 | .76 | .91 | 1.00 | 41.9 | 12.3 | 4.38 | .77 | .93 | 1.00 | 40.1 | 11.8 | 4.96 | .79 | .95 | 1.00 |
| 67°F (19°C) | 1050 | 495 | 45.8 | 13.4 | 3.42 | .55 | .66 | .77 | 44.1 | 12.9 | 3.87 | .55 | .67 | .78 | 42.4 | 12.4 | 4.38 | .56 | .68 | .80 | 40.5 | 11.9 | 4.98 | .56 | .69 | .82 |
| | 1250 | 590 | 47.1 | 13.8 | 3.44 | .56 | .69 | .82 | 45.4 | 13.3 | 3.89 | .57 | .70 | .83 | 43.5 | 12.7 | 4.41 | .57 | .71 | .85 | 41.6 | 12.2 | 5.00 | .58 | .73 | .87 |
| | 1450 | 685 | 48.1 | 14.1 | 3.46 | .58 | .72 | .86 | 46.3 | 13.6 | 3.91 | .59 | .74 | .88 | 44.4 | 13.0 | 4.42 | .60 | .75 | .89 | 42.4 | 12.4 | 5.03 | .61 | .77 | .91 |
| 71°F (22°C) | 1050 | 495 | 48.9 | 14.3 | 3.47 | .42 | .53 | .63 | 47.1 | 13.8 | 3.92 | .42 | .53 | .64 | 45.2 | 13.2 | 4.45 | .42 | .54 | .65 | 43.3 | 12.7 | 5.05 | .42 | .54 | .66 |
| | 1250 | 590 | 50.2 | 14.7 | 3.50 | .42 | .54 | .67 | 48.4 | 14.2 | 3.95 | .43 | .55 | .68 | 46.4 | 13.6 | 4.47 | .43 | .56 | .69 | 44.4 | 13.0 | 5.07 | .43 | .57 | .70 |
| | 1450 | 685 | 51.2 | 15.0 | 3.52 | .43 | .56 | .70 | 49.3 | 14.4 | 3.97 | .43 | .57 | .71 | 47.3 | 13.9 | 4.49 | .44 | .58 | .73 | 45.2 | 13.2 | 5.10 | .44 | .59 | .74 |

HS29-048 - CB31MV-41 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-------------|------------------------|-------|---------------------|-------------------------------|--------------|-----------|------------------------|------|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|-----|------|
| | | | 85°F (29°C) | | | | | 95°F (35°C) | | | | | 105°F (41°C) | | | | | 115°F (46°C) | | | | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 1265 | 595 | 43.6 | 12.8 | 3.34 | .72 | .85 | .97 | 42.0 | 12.3 | 3.77 | .73 | .87 | .98 | 40.3 | 11.8 | 4.28 | .74 | .88 | .99 | 38.5 | 11.3 | 4.87 | .76 | .90 | 1.00 |
| | 1400 | 660 | 44.3 | 13.0 | 3.35 | .74 | .88 | .99 | 42.7 | 12.5 | 3.79 | .75 | .90 | 1.00 | 41.0 | 12.0 | 4.30 | .76 | .91 | 1.00 | 39.2 | 11.5 | 4.88 | .78 | .93 | 1.00 |
| | 1545 | 730 | 45.0 | 13.2 | 3.37 | .76 | .91 | 1.00 | 43.4 | 12.7 | 3.81 | .78 | .93 | 1.00 | 41.6 | 12.2 | 4.31 | .79 | .94 | 1.00 | 39.8 | 11.7 | 4.89 | .81 | .96 | 1.00 |
| 67°F (19°C) | 1265 | 595 | 46.4 | 13.6 | 3.39 | .56 | .69 | .82 | 44.6 | 13.1 | 3.82 | .57 | .70 | .83 | 42.8 | 12.5 | 4.33 | .58 | .72 | .85 | 40.9 | 12.0 | 4.92 | .59 | .73 | .87 |
| | 1400 | 660 | 47.0 | 13.8 | 3.40 | .58 | .71 | .85 | 45.3 | 13.3 | 3.84 | .58 | .73 | .87 | 43.4 | 12.7 | 4.34 | .59 | .74 | .88 | 41.5 | 12.2 | 4.94 | .60 | .76 | .90 |
| | 1545 | 730 | 47.6 | 14.0 | 3.41 | .59 | .74 | .88 | 45.8 | 13.4 | 3.85 | .60 | .75 | .90 | 43.9 | 12.9 | 4.36 | .61 | .77 | .92 | 42.0 | 12.3 | 4.96 | .62 | .79 | .94 |
| 71°F (22°C) | 1265 | 595 | 49.4 | 14.5 | 3.44 | .43 | .55 | .67 | 47.6 | 14.0 | 3.88 | .43 | .55 | .68 | 45.7 | 13.4 | 4.40 | .43 | .56 | .69 | 43.7 | 12.8 | 4.99 | .43 | .57 | .70 |
| | 1400 | 660 | 50.1 | 14.7 | 3.45 | .43 | .56 | .69 | 48.2 | 14.1 | 3.90 | .43 | .57 | .70 | 46.3 | 13.6 | 4.41 | .43 | .57 | .72 | 44.2 | 13.0 | 5.01 | .44 | .59 | .74 |
| | 1545 | 730 | 50.7 | 14.9 | 3.47 | .43 | .57 | .71 | 48.8 | 14.3 | 3.91 | .44 | .58 | .73 | 46.8 | 13.7 | 4.42 | .44 | .59 | .75 | 44.7 | 13.1 | 5.03 | .44 | .60 | .76 |

HS29-048 - CB29M-46 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-------------|------------------------|-------|---------------------|-------------------------------|--------------|-----------|------------------------|------|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|-----|------|
| | | | 85°F (29°C) | | | | | 95°F (35°C) | | | | | 105°F (41°C) | | | | | 115°F (46°C) | | | | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 1450 | 685 | 46.4 | 13.6 | 3.42 | .75 | .89 | 1.00 | 44.7 | 13.1 | 3.86 | .76 | .91 | 1.00 | 42.9 | 12.6 | 4.38 | .77 | .93 | 1.00 | 41.1 | 12.0 | 4.98 | .79 | .94 | 1.00 |
| | 1550 | 730 | 46.9 | 13.7 | 3.43 | .76 | .91 | 1.00 | 45.2 | 13.2 | 3.87 | .78 | .93 | 1.00 | 43.4 | 12.7 | 4.39 | .79 | .94 | 1.00 | 41.6 | 12.2 | 4.99 | .81 | .96 | 1.00 |
| | 1650 | 780 | 47.4 | 13.9 | 3.44 | .78 | .93 | 1.00 | 45.6 | 13.4 | 3.88 | .79 | .95 | 1.00 | 43.8 | 12.8 | 4.40 | .81 | .96 | 1.00 | 42.0 | 12.3 | 5.00 | .83 | .98 | 1.00 |
| 67°F (19°C) | 1450 | 685 | 49.2 | 14.4 | 3.46 | .58 | .72 | .86 | 47.3 | 13.9 | 3.91 | .59 | .74 | .88 | 45.4 | 13.4 | 4.43 | .60 | .75 | .89 | 43.4 | 12.7 | 5.03 | .61 | .77 | .92 |
| | 1550 | 730 | 49.6 | 14.5 | 3.47 | .59 | .74 | .88 | 47.7 | 14.0 | 3.92 | .60 | .75 | .90 | 45.8 | 13.4 | 4.43 | .61 | .77 | .92 | 43.7 | 12.8 | 5.05 | .62 | .79 | .94 |
| | 1650 | 780 | 49.9 | 14.6 | 3.48 | .60 | .76 | .90 | 48.1 | 14.1 | 3.93 | .61 | .77 | .92 | 46.1 | 13.5 | 4.44 | .62 | .79 | .94 | 44.0 | 12.9 | 5.05 | .63 | .81 | .96 |
| 71°F (22°C) | 1450 | 685 | 52.3 | 15.3 | 3.52 | .43 | .57 | .70 | 50.4 | 14.8 | 3.97 | .43 | .57 | .71 | 48.4 | 14.2 | 4.49 | .44 | .58 | .73 | 46.2 | 13.5 | 5.10 | .44 | .59 | .74 |
| | 1550 | 730 | 52.7 | 15.4 | 3.52 | .43 | .58 | .72 | 50.8 | 14.9 | 3.98 | .44 | .58 | .73 | 48.7 | 14.3 | 4.50 | .44 | .59 | .75 | 46.6 | 13.7 | 5.11 | .44 | .61 | .76 |
| | 1650 | 780 | 53.1 | 15.6 | 3.53 | .44 | .59 | .73 | 51.1 | 15.0 | 3.98 | .44 | .59 | .75 | 49.0 | 14.4 | 4.51 | .44 | .61 | .77 | 46.8 | 13.7 | 5.12 | .45 | .62 | .78 |

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS29-048 - CB29M-51 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | 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 |
| 63°F (17°C) | 1300 | 615 | 45.8 | 13.4 | 3.40 | .72 | .86 | .97 | 44.1 | 12.9 | 3.85 | .74 | .88 | .99 | 42.3 | 12.4 | 4.36 | .75 | .89 | 1.00 | 40.5 | 11.9 | 4.96 | .76 | .91 | 1.00 |
| | 1450 | 685 | 46.7 | 13.7 | 3.42 | .75 | .89 | 1.00 | 44.9 | 13.2 | 3.86 | .76 | .91 | 1.00 | 43.1 | 12.6 | 4.38 | .77 | .93 | 1.00 | 41.2 | 12.1 | 4.97 | .79 | .94 | 1.00 |
| | 1600 | 755 | 47.4 | 13.9 | 3.43 | .77 | .92 | 1.00 | 45.6 | 13.4 | 3.88 | .79 | .94 | 1.00 | 43.8 | 12.8 | 4.39 | .80 | .95 | 1.00 | 41.9 | 12.3 | 4.99 | .82 | .97 | 1.00 |
| 67°F (19°C) | 1300 | 615 | 48.7 | 14.3 | 3.45 | .57 | .70 | .83 | 46.9 | 13.7 | 3.90 | .57 | .71 | .84 | 45.0 | 13.2 | 4.42 | .58 | .72 | .86 | 43.0 | 12.6 | 5.01 | .59 | .74 | .88 |
| | 1450 | 685 | 49.4 | 14.5 | 3.47 | .58 | .72 | .86 | 47.6 | 14.0 | 3.91 | .59 | .74 | .88 | 45.6 | 13.4 | 4.43 | .60 | .75 | .90 | 43.6 | 12.8 | 5.04 | .61 | .77 | .92 |
| | 1600 | 755 | 50.1 | 14.7 | 3.48 | .59 | .75 | .89 | 48.2 | 14.1 | 3.92 | .60 | .76 | .91 | 46.2 | 13.5 | 4.45 | .61 | .78 | .93 | 44.1 | 12.9 | 5.05 | .62 | .80 | .95 |
| 71°F (22°C) | 1300 | 615 | 51.9 | 15.2 | 3.51 | .43 | .55 | .67 | 50.0 | 14.7 | 3.96 | .43 | .56 | .68 | 48.0 | 14.1 | 4.48 | .43 | .56 | .70 | 45.9 | 13.5 | 5.09 | .43 | .57 | .71 |
| | 1450 | 685 | 52.6 | 15.4 | 3.52 | .43 | .56 | .70 | 50.7 | 14.9 | 3.97 | .43 | .57 | .71 | 48.6 | 14.2 | 4.49 | .44 | .58 | .73 | 46.4 | 13.6 | 5.11 | .44 | .59 | .74 |
| | 1600 | 755 | 53.2 | 15.6 | 3.53 | .44 | .58 | .73 | 51.2 | 15.0 | 3.99 | .44 | .59 | .74 | 49.1 | 14.4 | 4.51 | .44 | .60 | .76 | 47.0 | 13.8 | 5.12 | .45 | .61 | .77 |

HS29-048 - CB30M-46 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | 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 |
| 63°F (17°C) | 1250 | 590 | 45.0 | 13.2 | 3.41 | .72 | .85 | .96 | 43.4 | 12.7 | 3.85 | .73 | .86 | .98 | 41.6 | 12.2 | 4.36 | .74 | .88 | .99 | 39.8 | 11.7 | 4.96 | .75 | .90 | 1.00 |
| | 1400 | 660 | 45.9 | 13.5 | 3.42 | .74 | .88 | .99 | 44.2 | 13.0 | 3.87 | .75 | .90 | 1.00 | 42.4 | 12.4 | 4.38 | .77 | .92 | 1.00 | 40.6 | 11.9 | 4.98 | .78 | .93 | 1.00 |
| | 1550 | 730 | 46.7 | 13.7 | 3.44 | .76 | .91 | 1.00 | 44.9 | 13.2 | 3.88 | .78 | .93 | 1.00 | 43.1 | 12.6 | 4.40 | .79 | .95 | 1.00 | 41.3 | 12.1 | 4.99 | .81 | .96 | 1.00 |
| 67°F (19°C) | 1250 | 590 | 47.9 | 14.0 | 3.45 | .56 | .69 | .82 | 46.2 | 13.5 | 3.90 | .57 | .70 | .83 | 44.3 | 13.0 | 4.42 | .58 | .71 | .85 | 42.3 | 12.4 | 5.02 | .58 | .73 | .87 |
| | 1400 | 660 | 48.7 | 14.3 | 3.47 | .58 | .71 | .85 | 46.9 | 13.7 | 3.92 | .58 | .73 | .87 | 45.0 | 13.2 | 4.43 | .59 | .74 | .88 | 42.9 | 12.6 | 5.04 | .60 | .76 | .90 |
| | 1550 | 730 | 49.4 | 14.5 | 3.48 | .59 | .74 | .88 | 47.5 | 13.9 | 3.92 | .60 | .75 | .90 | 45.5 | 13.3 | 4.45 | .61 | .77 | .92 | 43.5 | 12.7 | 5.06 | .62 | .79 | .94 |
| 71°F (22°C) | 1250 | 590 | 51.1 | 15.0 | 3.51 | .42 | .54 | .67 | 49.2 | 14.4 | 3.96 | .43 | .55 | .68 | 47.2 | 13.8 | 4.49 | .43 | .56 | .69 | 45.2 | 13.2 | 5.09 | .43 | .57 | .70 |
| | 1400 | 660 | 51.9 | 15.2 | 3.52 | .43 | .56 | .69 | 49.9 | 14.6 | 3.98 | .43 | .57 | .70 | 47.9 | 14.0 | 4.50 | .43 | .58 | .72 | 45.8 | 13.4 | 5.12 | .44 | .59 | .73 |
| | 1550 | 730 | 52.5 | 15.4 | 3.54 | .43 | .58 | .72 | 50.5 | 14.8 | 3.99 | .44 | .58 | .73 | 48.5 | 14.2 | 4.51 | .44 | .59 | .75 | 46.3 | 13.6 | 5.13 | .44 | .60 | .76 |

HS29-048 - CB29M-65 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | 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 |
| 63°F (17°C) | 1400 | 660 | 46.5 | 13.6 | 3.41 | .74 | .88 | .99 | 44.8 | 13.1 | 3.86 | .75 | .90 | 1.00 | 43.0 | 12.6 | 4.38 | .77 | .91 | 1.00 | 41.1 | 12.0 | 4.97 | .78 | .93 | 1.00 |
| | 1600 | 755 | 47.5 | 13.9 | 3.43 | .77 | .92 | 1.00 | 45.8 | 13.4 | 3.88 | .78 | .94 | 1.00 | 44.0 | 12.9 | 4.39 | .80 | .95 | 1.00 | 42.1 | 12.3 | 4.99 | .82 | .97 | 1.00 |
| | 1800 | 850 | 48.4 | 14.2 | 3.45 | .80 | .95 | 1.00 | 46.7 | 13.7 | 3.89 | .82 | .97 | 1.00 | 44.9 | 13.2 | 4.41 | .83 | .98 | 1.00 | 43.0 | 12.6 | 5.01 | .85 | 1.00 | 1.00 |
| 67°F (19°C) | 1400 | 660 | 49.4 | 14.5 | 3.46 | .58 | .71 | .85 | 47.5 | 13.9 | 3.91 | .58 | .73 | .87 | 45.6 | 13.4 | 4.42 | .59 | .74 | .88 | 43.5 | 12.7 | 5.03 | .60 | .76 | .90 |
| | 1600 | 755 | 50.2 | 14.7 | 3.48 | .60 | .75 | .89 | 48.3 | 14.2 | 3.92 | .60 | .76 | .91 | 46.3 | 13.6 | 4.45 | .61 | .78 | .93 | 44.2 | 13.0 | 5.05 | .62 | .80 | .95 |
| | 1800 | 850 | 50.9 | 14.9 | 3.49 | .61 | .78 | .93 | 49.0 | 14.4 | 3.94 | .62 | .80 | .95 | 46.9 | 13.7 | 4.46 | .63 | .81 | .96 | 44.9 | 13.2 | 5.06 | .65 | .83 | .98 |
| 71°F (22°C) | 1400 | 660 | 52.6 | 15.4 | 3.52 | .43 | .56 | .69 | 50.6 | 14.8 | 3.97 | .43 | .57 | .70 | 48.6 | 14.2 | 4.49 | .43 | .58 | .72 | 46.4 | 13.6 | 5.11 | .44 | .59 | .73 |
| | 1600 | 755 | 53.4 | 15.6 | 3.53 | .44 | .58 | .72 | 51.4 | 15.1 | 3.99 | .44 | .59 | .74 | 49.3 | 14.4 | 4.51 | .44 | .60 | .75 | 47.1 | 13.8 | 5.12 | .45 | .61 | .77 |
| | 1800 | 850 | 54.1 | 15.9 | 3.55 | .44 | .60 | .76 | 52.0 | 15.2 | 3.99 | .45 | .61 | .77 | 49.9 | 14.6 | 4.53 | .45 | .62 | .79 | 47.6 | 14.0 | 5.14 | .46 | .64 | .81 |

HS29-048 - CB30M-51 - CB30U-51 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | 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 |
| 63°F (17°C) | 1400 | 660 | 46.2 | 13.5 | 3.42 | .74 | .88 | .99 | 44.5 | 13.0 | 3.86 | .75 | .89 | 1.00 | 42.6 | 12.5 | 4.36 | .76 | .91 | 1.00 | 40.7 | 11.9 | 4.97 | .78 | .93 | 1.00 |
| | 1600 | 755 | 47.3 | 13.9 | 3.43 | .77 | .92 | 1.00 | 45.5 | 13.3 | 3.88 | .78 | .94 | 1.00 | 43.6 | 12.8 | 4.39 | .80 | .96 | 1.00 | 41.6 | 12.2 | 4.99 | .82 | .98 | 1.00 |
| | 1800 | 850 | 48.2 | 14.1 | 3.45 | .80 | .96 | 1.00 | 46.4 | 13.6 | 3.90 | .82 | .97 | 1.00 | 44.5 | 13.0 | 4.41 | .83 | .99 | 1.00 | 42.6 | 12.5 | 5.01 | .85 | 1.00 | 1.00 |
| 67°F (19°C) | 1400 | 660 | 49.1 | 14.4 | 3.47 | .57 | .71 | .85 | 47.2 | 13.8 | 3.91 | .58 | .72 | .86 | 45.3 | 13.3 | 4.43 | .59 | .74 | .88 | 43.2 | 12.7 | 5.04 | .60 | .75 | .90 |
| | 1600 | 755 | 50.1 | 14.7 | 3.49 | .59 | .74 | .89 | 48.1 | 14.1 | 3.93 | .60 | .76 | .91 | 46.0 | 13.5 | 4.45 | .61 | .78 | .93 | 43.9 | 12.9 | 5.05 | .62 | .79 | .95 |
| | 1800 | 850 | 50.8 | 14.9 | 3.50 | .61 | .78 | .93 | 48.8 | 14.3 | 3.95 | .62 | .80 | .95 | 46.7 | 13.7 | 4.47 | .63 | .81 | .97 | 44.6 | 13.1 | 5.07 | .65 | .83 | .98 |
| 71°F (22°C) | 1400 | 660 | 52.4 | 15.4 | 3.53 | .43 | .56 | .69 | 50.4 | 14.8 | 3.98 | .43 | .57 | .70 | 48.3 | 14.2 | 4.50 | .43 | .57 | .71 | 46.1 | 13.5 | 5.12 | .44 | .58 | .73 |
| | 1600 | 755 | 53.3 | 15.6 | 3.55 | .44 | .58 | .72 | 51.2 | 15.0 | 4.00 | .44 | .59 | .74 | 49.0 | 14.4 | 4.53 | .44 | .60 | .75 | 46.8 | 13.7 | 5.13 | .45 | .61 | .77 |
| | 1800 | 850 | 54.0 | 15.8 | 3.56 | .44 | .60 | .76 | 51.9 | 15.2 | 4.02 | .45 | .61 | .77 | 49.7 | 14.6 | 4.54 | .45 | .62 | .79 | 47.4 | 13.9 | 5.15 | .46 | .64 | .81 |

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS29-048 - CB31MV-51 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|------------------------|------|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|------|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 1425 | 675 | 46.1 | 13.5 | 3.37 | .74 | .88 | 1.00 | 44.3 | 13.0 | 3.80 | .75 | .90 | 1.00 | 42.5 | 12.5 | 4.31 | .77 | .92 | 1.00 | 40.5 | 11.9 | 4.90 | .78 | .94 | 1.00 |
| | 1625 | 765 | 47.1 | 13.8 | 3.39 | .77 | .93 | 1.00 | 45.3 | 13.3 | 3.83 | .79 | .94 | 1.00 | 43.4 | 12.7 | 4.33 | .80 | .96 | 1.00 | 41.5 | 12.2 | 4.92 | .82 | .98 | 1.00 |
| | 1805 | 850 | 47.9 | 14.0 | 3.40 | .80 | .96 | 1.00 | 46.1 | 13.5 | 3.84 | .82 | .97 | 1.00 | 44.2 | 13.0 | 4.35 | .84 | .99 | 1.00 | 42.4 | 12.4 | 4.94 | .86 | 1.00 | 1.00 |
| 67°F (19°C) | 1425 | 675 | 48.9 | 14.3 | 3.42 | .58 | .72 | .85 | 47.1 | 13.8 | 3.86 | .58 | .73 | .87 | 45.1 | 13.2 | 4.37 | .59 | .74 | .89 | 43.0 | 12.6 | 4.97 | .60 | .76 | .91 |
| | 1625 | 765 | 49.8 | 14.6 | 3.44 | .60 | .75 | .89 | 47.9 | 14.0 | 3.88 | .60 | .76 | .91 | 45.8 | 13.4 | 4.39 | .61 | .78 | .93 | 43.7 | 12.8 | 4.98 | .62 | .80 | .95 |
| | 1805 | 850 | 50.5 | 14.8 | 3.45 | .61 | .78 | .93 | 48.5 | 14.2 | 3.90 | .62 | .80 | .95 | 46.4 | 13.6 | 4.40 | .63 | .81 | .97 | 44.3 | 13.0 | 5.00 | .65 | .83 | .99 |
| 71°F (22°C) | 1425 | 675 | 52.2 | 15.3 | 3.48 | .43 | .56 | .69 | 50.2 | 14.7 | 3.93 | .43 | .57 | .70 | 48.1 | 14.1 | 4.44 | .43 | .58 | .72 | 45.9 | 13.5 | 5.05 | .44 | .59 | .74 |
| | 1625 | 765 | 53.0 | 15.5 | 3.50 | .44 | .58 | .73 | 51.0 | 14.9 | 3.94 | .44 | .59 | .74 | 48.8 | 14.3 | 4.47 | .44 | .60 | .76 | 46.6 | 13.7 | 5.06 | .45 | .61 | .78 |
| | 1805 | 850 | 53.7 | 15.7 | 3.51 | .44 | .60 | .76 | 51.6 | 15.1 | 3.96 | .45 | .61 | .77 | 49.4 | 14.5 | 4.48 | .45 | .62 | .79 | 47.1 | 13.8 | 5.08 | .46 | .63 | .81 |

HS29-048 - CB30M-65 - CB30U-65 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|------------------------|------|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|------|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 1400 | 660 | 46.7 | 13.7 | 3.43 | .74 | .88 | .99 | 45.0 | 13.2 | 3.87 | .75 | .89 | 1.00 | 43.1 | 12.6 | 4.38 | .76 | .91 | 1.00 | 41.2 | 12.1 | 4.99 | .78 | .93 | 1.00 |
| | 1600 | 755 | 47.8 | 14.0 | 3.45 | .77 | .92 | 1.00 | 46.0 | 13.5 | 3.89 | .78 | .94 | 1.00 | 44.1 | 12.9 | 4.41 | .80 | .96 | 1.00 | 42.1 | 12.3 | 5.01 | .82 | .98 | 1.00 |
| | 1800 | 850 | 48.7 | 14.3 | 3.47 | .80 | .96 | 1.00 | 46.9 | 13.7 | 3.91 | .82 | .97 | 1.00 | 45.0 | 13.2 | 4.43 | .84 | .99 | 1.00 | 43.1 | 12.6 | 5.03 | .86 | 1.00 | 1.00 |
| 67°F (19°C) | 1400 | 660 | 49.7 | 14.6 | 3.48 | .57 | .71 | .85 | 47.8 | 14.0 | 3.93 | .58 | .72 | .86 | 45.8 | 13.4 | 4.45 | .59 | .74 | .88 | 43.7 | 12.8 | 5.06 | .60 | .76 | .90 |
| | 1600 | 755 | 50.6 | 14.8 | 3.50 | .59 | .75 | .89 | 48.7 | 14.3 | 3.95 | .60 | .76 | .91 | 46.6 | 13.7 | 4.47 | .61 | .77 | .93 | 44.5 | 13.0 | 5.07 | .62 | .79 | .95 |
| | 1800 | 850 | 51.4 | 15.1 | 3.52 | .61 | .78 | .93 | 49.4 | 14.5 | 3.97 | .62 | .79 | .95 | 47.3 | 13.9 | 4.48 | .63 | .81 | .97 | 45.1 | 13.2 | 5.09 | .65 | .83 | .98 |
| 71°F (22°C) | 1400 | 660 | 53.0 | 15.5 | 3.55 | .43 | .56 | .69 | 51.0 | 14.9 | 4.00 | .43 | .56 | .70 | 48.8 | 14.3 | 4.52 | .43 | .57 | .72 | 46.6 | 13.7 | 5.14 | .44 | .58 | .73 |
| | 1600 | 755 | 53.9 | 15.8 | 3.56 | .44 | .58 | .72 | 51.8 | 15.2 | 4.01 | .44 | .59 | .74 | 49.6 | 14.5 | 4.55 | .44 | .60 | .75 | 47.3 | 13.9 | 5.15 | .45 | .61 | .77 |
| | 1800 | 850 | 54.6 | 16.0 | 3.58 | .44 | .60 | .76 | 52.5 | 15.4 | 4.03 | .45 | .61 | .77 | 50.3 | 14.7 | 4.56 | .45 | .62 | .79 | 47.9 | 14.0 | 5.17 | .46 | .63 | .81 |

HS29-048 - CB31MV-65 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|------------------------|------|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|------|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 1425 | 675 | 46.6 | 13.7 | 3.36 | .74 | .88 | 1.00 | 44.8 | 13.1 | 3.79 | .75 | .90 | 1.00 | 43.0 | 12.6 | 4.29 | .77 | .92 | 1.00 | 41.0 | 12.0 | 4.88 | .79 | .94 | 1.00 |
| | 1625 | 765 | 47.6 | 14.0 | 3.37 | .77 | .93 | 1.00 | 45.8 | 13.4 | 3.81 | .79 | .94 | 1.00 | 43.9 | 12.9 | 4.31 | .80 | .96 | 1.00 | 42.0 | 12.3 | 4.90 | .82 | .98 | 1.00 |
| | 1805 | 850 | 48.5 | 14.2 | 3.39 | .80 | .96 | 1.00 | 46.6 | 13.7 | 3.83 | .82 | .97 | 1.00 | 44.8 | 13.1 | 4.33 | .84 | .99 | 1.00 | 42.9 | 12.6 | 4.92 | .86 | 1.00 | 1.00 |
| 67°F (19°C) | 1425 | 675 | 49.5 | 14.5 | 3.41 | .58 | .72 | .85 | 47.6 | 14.0 | 3.84 | .58 | .73 | .87 | 45.6 | 13.4 | 4.35 | .59 | .74 | .89 | 43.5 | 12.7 | 4.95 | .60 | .76 | .91 |
| | 1625 | 765 | 50.4 | 14.8 | 3.42 | .60 | .75 | .90 | 48.4 | 14.2 | 3.87 | .61 | .76 | .91 | 46.4 | 13.6 | 4.38 | .61 | .78 | .93 | 44.3 | 13.0 | 4.96 | .62 | .80 | .96 |
| | 1805 | 850 | 51.1 | 15.0 | 3.44 | .61 | .78 | .93 | 49.1 | 14.4 | 3.88 | .62 | .79 | .95 | 47.0 | 13.8 | 4.39 | .63 | .81 | .97 | 44.8 | 13.1 | 4.98 | .65 | .83 | .99 |
| 71°F (22°C) | 1425 | 675 | 52.8 | 15.5 | 3.47 | .43 | .56 | .69 | 50.8 | 14.9 | 3.91 | .43 | .57 | .70 | 48.7 | 14.3 | 4.42 | .43 | .58 | .72 | 46.4 | 13.6 | 5.03 | .44 | .59 | .74 |
| | 1625 | 765 | 53.7 | 15.7 | 3.49 | .44 | .58 | .73 | 51.6 | 15.1 | 3.93 | .44 | .59 | .74 | 49.4 | 14.5 | 4.45 | .44 | .60 | .76 | 47.1 | 13.8 | 5.04 | .45 | .61 | .78 |
| | 1805 | 850 | 54.3 | 15.9 | 3.50 | .44 | .60 | .76 | 52.2 | 15.3 | 3.94 | .45 | .61 | .77 | 50.0 | 14.7 | 4.46 | .45 | .62 | .79 | 47.6 | 14.0 | 5.06 | .46 | .64 | .81 |

HS29-048 - CVP10-51/EC10Q5 - CVP10-65/EC10Q5 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|------------------------|------|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|------|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 1400 | 660 | 44.4 | 13.0 | 3.32 | .74 | .88 | .99 | 42.8 | 12.5 | 3.75 | .75 | .89 | 1.00 | 41.0 | 12.0 | 4.25 | .76 | .91 | 1.00 | 39.2 | 11.5 | 4.82 | .78 | .93 | 1.00 |
| | 1600 | 755 | 45.5 | 13.3 | 3.34 | .77 | .92 | 1.00 | 43.8 | 12.8 | 3.77 | .78 | .93 | 1.00 | 42.0 | 12.3 | 4.26 | .80 | .95 | 1.00 | 40.1 | 11.8 | 4.85 | .82 | .97 | 1.00 |
| | 1800 | 850 | 46.4 | 13.6 | 3.35 | .80 | .95 | 1.00 | 44.7 | 13.1 | 3.79 | .81 | .97 | 1.00 | 42.9 | 12.6 | 4.29 | .83 | .98 | 1.00 | 41.1 | 12.0 | 4.87 | .85 | 1.00 | 1.00 |
| 67°F (19°C) | 1400 | 660 | 47.3 | 13.9 | 3.37 | .57 | .71 | .84 | 45.5 | 13.3 | 3.80 | .58 | .72 | .86 | 43.6 | 12.8 | 4.31 | .59 | .74 | .88 | 41.6 | 12.2 | 4.89 | .60 | .75 | .90 |
| | 1600 | 755 | 48.1 | 14.1 | 3.38 | .59 | .74 | .89 | 46.3 | 13.6 | 3.82 | .60 | .76 | .90 | 44.4 | 13.0 | 4.32 | .61 | .77 | .92 | 42.3 | 12.4 | 4.91 | .62 | .79 | .94 |
| | 1800 | 850 | 48.9 | 14.3 | 3.40 | .61 | .78 | .93 | 47.0 | 13.8 | 3.83 | .62 | .79 | .94 | 45.0 | 13.2 | 4.34 | .63 | .81 | .96 | 42.9 | 12.6 | 4.93 | .64 | .83 | .98 |
| 71°F (22°C) | 1400 | 660 | 50.3 | 14.7 | 3.43 | .43 | .56 | .69 | 48.4 | 14.2 | 3.86 | .43 | .56 | .70 | 46.4 | 13.6 | 4.37 | .43 | .57 | .71 | 44.4 | 13.0 | 4.96 | .44 | .58 | .73 |
| | 1600 | 755 | 51.2 | 15.0 | 3.44 | .44 | .58 | .72 | 49.3 | 14.4 | 3.88 | .44 | .59 | .73 | 47.2 | 13.8 | 4.39 | .44 | .60 | .75 | 45.1 | 13.2 | 4.98 | .45 | .61 | .77 |
| | 1800 | 850 | 51.9 | 15.2 | 3.46 | .44 | .60 | .76 | 49.9 | 14.6 | 3.90 | .44 | .61 | .77 | 47.8 | 14.0 | 4.41 | .45 | .62 | .79 | 45.6 | 13.4 | 5.01 | .46</ | | |

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS29-060 — C26-51/65 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-----|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | |
| cfm | L/s | kBtuh | kW | 75°F 24°C | 80°F 27°C | 85°F 29°C | kBtuh | kW | Comp Motor kW Input | 75°F 24°C | 80°F 27°C | 85°F 29°C | kBtuh | kW | Comp Motor kW Input | 75°F 24°C | 80°F 27°C | 85°F 29°C | kBtuh | kW | Comp Motor kW Input | 75°F 24°C | 80°F 27°C | 85°F 29°C | | |
| 63°F (17°C) | 1500 | 710 | 54.7 | 16.0 | 4.72 | .70 | .83 | .94 | 52.8 | 15.5 | 5.33 | .71 | .84 | .95 | 50.8 | 14.9 | 6.04 | .72 | .85 | .97 | 48.8 | 14.3 | 6.83 | .73 | .87 | .98 |
| | 1700 | 800 | 56.0 | 16.4 | 4.71 | .72 | .86 | .97 | 54.1 | 15.9 | 5.33 | .73 | .87 | .99 | 52.0 | 15.2 | 6.04 | .75 | .89 | 1.00 | 49.9 | 14.6 | 6.83 | .76 | .91 | 1.00 |
| | 1900 | 895 | 57.1 | 16.7 | 4.73 | .75 | .89 | 1.00 | 55.2 | 16.2 | 5.34 | .76 | .91 | 1.00 | 53.1 | 15.6 | 6.05 | .77 | .92 | 1.00 | 50.9 | 14.9 | 6.85 | .79 | .94 | 1.00 |
| 67°F (19°C) | 1500 | 710 | 58.3 | 17.1 | 4.76 | .55 | .68 | .79 | 56.3 | 16.5 | 5.37 | .56 | .68 | .81 | 54.2 | 15.9 | 6.07 | .56 | .69 | .82 | 52.0 | 15.2 | 6.89 | .57 | .71 | .84 |
| | 1700 | 800 | 59.5 | 17.4 | 4.78 | .57 | .70 | .83 | 57.4 | 16.8 | 5.40 | .57 | .71 | .84 | 55.2 | 16.2 | 6.11 | .58 | .72 | .86 | 52.9 | 15.5 | 6.94 | .59 | .74 | .87 |
| | 1900 | 895 | 60.4 | 17.7 | 4.80 | .58 | .73 | .86 | 58.3 | 17.1 | 5.42 | .59 | .74 | .88 | 56.1 | 16.4 | 6.14 | .60 | .75 | .89 | 53.7 | 15.7 | 6.96 | .61 | .77 | .91 |
| 71°F (22°C) | 1500 | 710 | 62.2 | 18.2 | 4.84 | .42 | .54 | .65 | 60.0 | 17.6 | 5.47 | .43 | .54 | .66 | 57.8 | 16.9 | 6.20 | .43 | .55 | .67 | 55.5 | 16.3 | 7.02 | .43 | .55 | .68 |
| | 1700 | 800 | 63.3 | 18.6 | 4.87 | .43 | .55 | .67 | 61.1 | 17.9 | 5.50 | .43 | .56 | .69 | 58.8 | 17.2 | 6.23 | .43 | .56 | .70 | 56.4 | 16.5 | 7.07 | .43 | .57 | .71 |
| | 1900 | 895 | 64.3 | 18.8 | 4.89 | .43 | .57 | .70 | 62.0 | 18.2 | 5.53 | .43 | .57 | .71 | 59.6 | 17.5 | 6.26 | .44 | .58 | .73 | 57.2 | 16.8 | 7.11 | .44 | .59 | .74 |

HS29-060 - C23-51/65 COOLING CAPACITY TXV & RFC

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-----|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | |
| cfm | L/s | kBtuh | kW | 75°F 24°C | 80°F 27°C | 85°F 29°C | kBtuh | kW | Comp Motor kW Input | 75°F 24°C | 80°F 27°C | 85°F 29°C | kBtuh | kW | Comp Motor kW Input | 75°F 24°C | 80°F 27°C | 85°F 29°C | kBtuh | kW | Comp Motor kW Input | 75°F 24°C | 80°F 27°C | 85°F 29°C | | |
| 63°F (17°C) | 1700 | 800 | 57.8 | 16.9 | 4.65 | .72 | .85 | .97 | 55.8 | 16.4 | 5.26 | .73 | .87 | .98 | 53.7 | 15.7 | 5.96 | .74 | .88 | .99 | 51.5 | 15.1 | 6.74 | .75 | .90 | 1.00 |
| | 1900 | 895 | 59.0 | 17.3 | 4.65 | .74 | .88 | .99 | 56.9 | 16.7 | 5.26 | .75 | .90 | 1.00 | 54.8 | 16.1 | 5.96 | .76 | .91 | 1.00 | 52.6 | 15.4 | 6.74 | .78 | .93 | 1.00 |
| | 2100 | 990 | 59.9 | 17.6 | 4.67 | .76 | .91 | 1.00 | 57.9 | 17.0 | 5.27 | .78 | .93 | 1.00 | 55.7 | 16.3 | 5.97 | .79 | .94 | 1.00 | 53.5 | 15.7 | 6.75 | .81 | .96 | 1.00 |
| 67°F (19°C) | 1700 | 800 | 61.6 | 18.1 | 4.70 | .56 | .69 | .82 | 59.5 | 17.4 | 5.31 | .57 | .70 | .83 | 57.2 | 16.8 | 6.01 | .58 | .71 | .85 | 54.9 | 16.1 | 6.80 | .58 | .72 | .86 |
| | 1900 | 895 | 62.6 | 18.3 | 4.72 | .58 | .71 | .85 | 60.4 | 17.7 | 5.33 | .58 | .73 | .86 | 58.1 | 17.0 | 6.02 | .59 | .74 | .88 | 55.6 | 16.3 | 6.84 | .60 | .76 | .90 |
| | 2100 | 990 | 63.4 | 18.6 | 4.73 | .59 | .74 | .88 | 61.1 | 17.9 | 5.34 | .60 | .75 | .90 | 58.8 | 17.2 | 6.05 | .61 | .77 | .91 | 56.3 | 16.5 | 6.86 | .61 | .78 | .93 |
| 71°F (22°C) | 1700 | 800 | 65.6 | 19.2 | 4.78 | .42 | .55 | .67 | 63.3 | 18.6 | 5.40 | .43 | .55 | .68 | 61.0 | 17.9 | 6.12 | .43 | .56 | .69 | 58.5 | 17.1 | 6.93 | .43 | .57 | .70 |
| | 1900 | 895 | 66.6 | 19.5 | 4.80 | .43 | .56 | .69 | 64.3 | 18.8 | 5.43 | .43 | .57 | .70 | 61.8 | 18.1 | 6.15 | .43 | .58 | .72 | 59.3 | 17.4 | 6.97 | .44 | .58 | .73 |
| | 2100 | 990 | 67.4 | 19.8 | 4.82 | .43 | .57 | .72 | 65.0 | 19.0 | 5.45 | .44 | .58 | .73 | 62.5 | 18.3 | 6.16 | .44 | .59 | .74 | 59.9 | 17.6 | 7.00 | .44 | .60 | .76 |

HS29-060 — C26-65EAP COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-----|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | |
| cfm | L/s | kBtuh | kW | 75°F 24°C | 80°F 27°C | 85°F 29°C | kBtuh | kW | Comp Motor kW Input | 75°F 24°C | 80°F 27°C | 85°F 29°C | kBtuh | kW | Comp Motor kW Input | 75°F 24°C | 80°F 27°C | 85°F 29°C | kBtuh | kW | Comp Motor kW Input | 75°F 24°C | 80°F 27°C | 85°F 29°C | | |
| 63°F (17°C) | 1600 | 755 | 60.6 | 17.8 | 4.80 | .71 | .84 | .95 | 58.5 | 17.1 | 5.43 | .72 | .85 | .97 | 56.3 | 16.5 | 6.15 | .73 | .87 | .98 | 54.0 | 15.8 | 6.96 | .74 | .88 | .99 |
| | 1800 | 850 | 61.9 | 18.1 | 4.83 | .73 | .87 | .98 | 59.7 | 17.5 | 5.46 | .74 | .88 | .99 | 57.4 | 16.8 | 6.18 | .75 | .90 | 1.00 | 55.1 | 16.1 | 6.99 | .77 | .92 | 1.00 |
| | 2000 | 945 | 62.9 | 18.4 | 4.86 | .75 | .90 | 1.00 | 60.8 | 17.8 | 5.48 | .77 | .91 | 1.00 | 58.5 | 17.1 | 6.20 | .78 | .93 | 1.00 | 56.1 | 16.4 | 7.03 | .80 | .95 | 1.00 |
| 67°F (19°C) | 1600 | 755 | 64.6 | 18.9 | 4.89 | .56 | .68 | .80 | 62.3 | 18.3 | 5.52 | .56 | .69 | .82 | 59.9 | 17.6 | 6.25 | .57 | .70 | .83 | 57.4 | 16.8 | 7.09 | .58 | .71 | .85 |
| | 1800 | 850 | 65.7 | 19.3 | 4.91 | .57 | .71 | .84 | 63.4 | 18.6 | 5.55 | .58 | .72 | .85 | 60.9 | 17.8 | 6.28 | .58 | .73 | .87 | 58.4 | 17.1 | 7.12 | .59 | .74 | .89 |
| | 2000 | 945 | 66.7 | 19.5 | 4.93 | .58 | .73 | .87 | 64.3 | 18.8 | 5.58 | .59 | .74 | .88 | 61.8 | 18.1 | 6.30 | .60 | .76 | .90 | 59.2 | 17.3 | 7.15 | .61 | .77 | .92 |
| 71°F (22°C) | 1600 | 755 | 68.8 | 20.2 | 4.98 | .42 | .54 | .66 | 66.4 | 19.5 | 5.62 | .42 | .55 | .67 | 63.9 | 18.7 | 6.37 | .43 | .55 | .68 | 61.3 | 18.0 | 7.24 | .43 | .56 | .69 |
| | 1800 | 850 | 70.0 | 20.5 | 5.01 | .43 | .55 | .68 | 67.5 | 19.8 | 5.65 | .43 | .56 | .69 | 64.9 | 19.0 | 6.41 | .43 | .57 | .71 | 62.3 | 18.3 | 7.27 | .43 | .58 | .72 |
| | 2000 | 945 | 71.0 | 20.8 | 5.02 | .43 | .57 | .71 | 68.4 | 20.0 | 5.69 | .43 | .58 | .72 | 65.8 | 19.3 | 6.44 | .44 | .59 | .73 | 63.0 | 18.5 | 7.30 | .44 | .60 | .75 |

HS29-060 - CR26-51 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|-----|------------------------|-----------|---------------------|-------------------------------|-------|-----|------------------------|-----------|---------------------|-------------------------------|-------|-----|------------------------|-----------|---------------------|-------------------------------|-----|-----|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | |
| cfm | L/s | kBtuh | kW | 75°F 24°C | 80°F 27°C | 85°F 29°C | kBtuh | kW | Comp Motor kW Input | 75°F 24°C | 80°F 27°C | 85°F 29°C | kBtuh | kW | Comp Motor kW Input | 75°F 24°C | 80°F 27°C | 85°F 29°C | kBtuh | kW | Comp Motor kW Input | 75°F 24°C | 80°F 27°C | 85°F 29°C | | |
| 63°F (17°C) | 1200 | 565 | 50.7 | 14.9 | 4.74 | .66 | .77 | .88 | 49.0 | 14.4 | 5.35 | .67 | .78 | .89 | 47.2 | 13.8 | 6.06 | .68 | .79 | .90 | 45.3 | 13.3 | 6.84 | .69 | .81 | .92 |
| | 1400 | 660 | 52.3 | 15.3 | 4.74 | .68 | .80 | .91 | 50.5 | 14.8 | 5.35 | .69 | .81 | .93 | 48.7 | 14.3 | 6.06 | .70 | .83 | .94 | 46.7 | 13.7 | 6.84 | .71 | .84 | .96 |
| | 1600 | 755 | 53.6 | 15.7 | 4.73 | .70 | .83 | .94 | 51.8 | 15.2 | 5.35 | .71 | .85 | .96 | 49.9 | 14.6 | 6.05 | .72 | .86 | .97 | 47.9 | 14.0 | 6.84 | .74 | .87 | .99 |
| 67°F (19°C) | 1200 | 565 | 54.4 | 15.9 | 4.73 | .54 | .64 | .74 | 52.6 | 15.4 | 5.34 | .54 | .64 | .75 | 50.8 | 14.9 | 6.05 | .54 | .65 | .76 | 48.8 | 14.3 | 6.85 | .55 | .66 | .77 |
| | 1400 | 660 | 56.1 | 16.4 | 4.72 | .55 | .66 | .77 | 54.2 | 15.9 | 5.34 | .55 | .66 | .78 | 52.2 | 15.3 | 6.04 | .55 | .67 | .79 | 50.2 | 14.7 | 6.85 | .56 | .68 | .80 |
| | 1600 | 755 | 57.4 | 16.8 | 4.71 | .56 | .68 | .80 | 55.5 | 16.3 | 5.33 | .56 | .68 | .81 | 53.4 | 15.6 | 6.04 | .57 | .69 | .82 | 51.2 | 15.0 | 6.85 | .57 | .71 | .84 |
| 71°F (22°C) | 1200 | 565 | 58.3 | 17.1 | 4.71 | .42 | .51 | .61 | 56.4 | 16.5 | 5.33 | .42 | .52 | .61 | 54.5 | 16.0 | 6.04 | .42 | .52 | .62 | 52.4 | 15.4 | 6.84 | .42 | .52 | .63 |
| | 1400 | 660 | 59.9 | 17.6 | 4.75 | .42 | .52 | .63 | 58.0 | 17.0 | 5.37 | .42 | .53 | .64 | 55.9 | 16.4 | 6.08 | .42 | .53 | .65 | 53.7 | 15.7 | 6.89 | .42 | .54 | .66 |
| | 1600 | 755 | 61.2 | 17.9 | 4.78 | .42 | .54 | .65 | 59.2 | 17.3 | 5.40 | .42 | .54 | .66 | 57.0 | 16.7 | 6.11 | .42 | .55 | .67 | 54.7 | 16.0 | 6.94 | .43 | .56 | .68 |

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS29-060 — CR26-65N COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|------------------------|------|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|-----|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 1800 | 850 | 54.1 | 15.9 | 4.66 | .73 | .87 | .98 | 52.2 | 15.3 | 5.27 | .74 | .89 | .99 | 50.2 | 14.7 | 5.97 | .76 | .90 | 1.00 | 48.2 | 14.1 | 6.75 | .77 | .92 | 1.00 |
| | 2000 | 945 | 55.0 | 16.1 | 4.68 | .76 | .90 | 1.00 | 53.1 | 15.6 | 5.28 | .77 | .92 | 1.00 | 51.2 | 15.0 | 5.98 | .78 | .93 | 1.00 | 49.1 | 14.4 | 6.77 | .80 | .95 | 1.00 |
| | 2200 | 1040 | 55.9 | 16.4 | 4.70 | .78 | .93 | 1.00 | 54.0 | 15.8 | 5.31 | .79 | .94 | 1.00 | 52.0 | 15.2 | 6.00 | .81 | .96 | 1.00 | 49.9 | 14.6 | 6.81 | .82 | .98 | 1.00 |
| 67°F (19°C) | 1800 | 850 | 57.4 | 16.8 | 4.73 | .57 | .71 | .84 | 55.4 | 16.2 | 5.34 | .58 | .72 | .85 | 53.3 | 15.6 | 6.04 | .59 | .73 | .87 | 51.1 | 15.0 | 6.86 | .59 | .75 | .89 |
| | 2000 | 945 | 58.2 | 17.1 | 4.75 | .59 | .73 | .87 | 56.2 | 16.5 | 5.36 | .59 | .74 | .89 | 54.0 | 15.8 | 6.07 | .60 | .76 | .90 | 51.8 | 15.2 | 6.89 | .61 | .77 | .92 |
| | 2200 | 1040 | 58.9 | 17.3 | 4.77 | .60 | .76 | .90 | 56.8 | 16.6 | 5.38 | .61 | .77 | .92 | 54.6 | 16.0 | 6.10 | .62 | .79 | .93 | 52.3 | 15.3 | 6.91 | .63 | .80 | .95 |
| 71°F (22°C) | 1800 | 850 | 61.1 | 17.9 | 4.82 | .43 | .55 | .68 | 59.0 | 17.3 | 5.44 | .43 | .56 | .69 | 56.8 | 16.6 | 6.16 | .43 | .57 | .71 | 54.4 | 15.9 | 6.99 | .44 | .58 | .72 |
| | 2000 | 945 | 61.9 | 18.1 | 4.84 | .43 | .57 | .71 | 59.8 | 17.5 | 5.47 | .43 | .58 | .72 | 57.5 | 16.9 | 6.19 | .44 | .59 | .73 | 55.1 | 16.1 | 7.03 | .44 | .60 | .75 |
| | 2200 | 1040 | 62.6 | 18.3 | 4.85 | .44 | .59 | .73 | 60.4 | 17.7 | 5.49 | .44 | .59 | .75 | 58.0 | 17.0 | 6.22 | .44 | .60 | .76 | 55.6 | 16.3 | 7.05 | .45 | .62 | .78 |

HS29-060 — CR26-65W - CH23-65 COOLING CAPACITY TXV & RFC

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|------------------------|------|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|-----|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 1800 | 850 | 57.1 | 16.7 | 4.71 | .74 | .88 | .99 | 55.1 | 16.1 | 5.33 | .75 | .89 | .99 | 53.1 | 15.6 | 6.03 | .76 | .91 | 1.00 | 51.0 | 14.9 | 6.82 | .78 | .93 | 1.00 |
| | 2000 | 945 | 58.1 | 17.0 | 4.71 | .76 | .91 | 1.00 | 56.2 | 16.5 | 5.32 | .78 | .92 | 1.00 | 54.1 | 15.9 | 6.03 | .79 | .94 | 1.00 | 52.0 | 15.2 | 6.82 | .81 | .96 | 1.00 |
| | 2200 | 1040 | 59.0 | 17.3 | 4.73 | .79 | .94 | 1.00 | 57.1 | 16.7 | 5.34 | .80 | .95 | 1.00 | 55.0 | 16.1 | 6.05 | .82 | .97 | 1.00 | 52.9 | 15.5 | 6.84 | .83 | .98 | 1.00 |
| 67°F (19°C) | 1800 | 850 | 60.5 | 17.7 | 4.76 | .58 | .71 | .85 | 58.4 | 17.1 | 5.37 | .58 | .73 | .86 | 56.2 | 16.5 | 6.07 | .59 | .74 | .88 | 53.9 | 15.8 | 6.88 | .60 | .75 | .90 |
| | 2000 | 945 | 61.3 | 18.0 | 4.77 | .59 | .74 | .88 | 59.2 | 17.3 | 5.39 | .60 | .75 | .90 | 57.0 | 16.7 | 6.10 | .61 | .77 | .91 | 54.6 | 16.0 | 6.91 | .62 | .78 | .93 |
| | 2200 | 1040 | 62.1 | 18.2 | 4.79 | .61 | .77 | .91 | 59.9 | 17.6 | 5.40 | .61 | .78 | .93 | 57.6 | 16.9 | 6.12 | .62 | .80 | .94 | 55.2 | 16.2 | 6.94 | .63 | .81 | .96 |
| 71°F (22°C) | 1800 | 850 | 64.4 | 18.9 | 4.84 | .43 | .56 | .69 | 62.1 | 18.2 | 5.47 | .43 | .57 | .70 | 59.8 | 17.5 | 6.19 | .43 | .58 | .72 | 57.4 | 16.8 | 7.02 | .44 | .58 | .73 |
| | 2000 | 945 | 65.2 | 19.1 | 4.86 | .43 | .58 | .72 | 62.9 | 18.4 | 5.49 | .44 | .58 | .73 | 60.5 | 17.7 | 6.22 | .44 | .59 | .74 | 58.0 | 17.0 | 7.04 | .44 | .60 | .76 |
| | 2200 | 1040 | 65.9 | 19.3 | 4.87 | .44 | .59 | .75 | 63.5 | 18.6 | 5.50 | .44 | .60 | .76 | 61.1 | 17.9 | 6.24 | .45 | .61 | .77 | 58.6 | 17.2 | 7.07 | .45 | .62 | .79 |

HS29-060 - CH23-51 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|------------------------|------|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|-----|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 1600 | 755 | 55.6 | 16.3 | 4.98 | .72 | .85 | .96 | 53.7 | 15.7 | 5.63 | .73 | .87 | .98 | 51.8 | 15.2 | 6.38 | .74 | .88 | .99 | 49.7 | 14.6 | 7.20 | .75 | .90 | 1.00 |
| | 1800 | 850 | 56.8 | 16.6 | 4.98 | .74 | .88 | .99 | 54.9 | 16.1 | 5.63 | .76 | .90 | 1.00 | 52.9 | 15.5 | 6.37 | .77 | .91 | 1.00 | 50.8 | 14.9 | 7.20 | .78 | .93 | 1.00 |
| | 2000 | 945 | 57.8 | 16.9 | 4.97 | .77 | .92 | 1.00 | 55.9 | 16.4 | 5.62 | .78 | .93 | 1.00 | 53.9 | 15.8 | 6.37 | .79 | .94 | 1.00 | 51.8 | 15.2 | 7.20 | .81 | .96 | 1.00 |
| 67°F (19°C) | 1600 | 755 | 59.2 | 17.3 | 4.97 | .56 | .69 | .82 | 57.2 | 16.8 | 5.62 | .57 | .70 | .83 | 55.1 | 16.1 | 6.36 | .58 | .72 | .85 | 52.9 | 15.5 | 7.22 | .58 | .73 | 8.6 |
| | 1800 | 850 | 60.3 | 17.7 | 4.97 | .58 | .72 | .85 | 58.2 | 17.1 | 5.61 | .58 | .73 | .87 | 56.1 | 16.4 | 6.36 | .59 | .74 | .88 | 53.8 | 15.8 | 7.22 | .60 | .76 | .90 |
| | 2000 | 945 | 61.1 | 17.9 | 4.99 | .59 | .74 | .88 | 59.0 | 17.3 | 5.63 | .60 | .76 | .90 | 56.8 | 16.6 | 6.37 | .61 | .77 | .91 | 54.5 | 16.0 | 7.22 | .62 | .79 | .93 |
| 71°F (22°C) | 1600 | 755 | 63.1 | 18.5 | 5.03 | .42 | .55 | .67 | 61.0 | 17.9 | 5.69 | .43 | .55 | .68 | 58.7 | 17.2 | 6.44 | .43 | .56 | .69 | 56.4 | 16.5 | 7.30 | .43 | .57 | .70 |
| | 1800 | 850 | 64.0 | 18.8 | 5.05 | .43 | .56 | .70 | 61.9 | 18.1 | 5.71 | .43 | .57 | .71 | 59.6 | 17.5 | 6.47 | .43 | .58 | .72 | 57.2 | 16.8 | 7.34 | .44 | .59 | .73 |
| | 2000 | 945 | 64.8 | 19.0 | 5.07 | .44 | .58 | .72 | 62.6 | 18.3 | 5.73 | .44 | .59 | .73 | 60.3 | 17.7 | 6.49 | .44 | .60 | .75 | 57.9 | 17.0 | 7.36 | .44 | .61 | .77 |

HS29-060 - CH23-68 COOLING CAPACITY TXV & RFC

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|------------------------|------|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|-----|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 1800 | 850 | 61.9 | 18.1 | 4.84 | .74 | .88 | .99 | 59.7 | 17.5 | 5.46 | .75 | .89 | 1.00 | 57.4 | 16.8 | 6.19 | .76 | .91 | 1.00 | 55.0 | 16.1 | 7.01 | .78 | .93 | 1.00 |
| | 2000 | 945 | 63.0 | 18.5 | 4.86 | .76 | .91 | 1.00 | 60.8 | 17.8 | 5.49 | .78 | .93 | 1.00 | 58.4 | 17.1 | 6.22 | .79 | .95 | 1.00 | 56.0 | 16.4 | 7.05 | .81 | .96 | 1.00 |
| | 2200 | 1040 | 64.0 | 18.8 | 4.89 | .79 | .94 | 1.00 | 61.8 | 18.1 | 5.52 | .80 | .96 | 1.00 | 59.4 | 17.4 | 6.25 | .82 | .98 | 1.00 | 57.0 | 16.7 | 7.08 | .84 | .99 | 1.00 |
| 67°F (19°C) | 1800 | 850 | 65.6 | 19.2 | 4.92 | .58 | .71 | .85 | 63.2 | 18.5 | 5.56 | .58 | .72 | .86 | 60.8 | 17.8 | 6.29 | .59 | .74 | .88 | 58.2 | 17.1 | 7.14 | .60 | .75 | .90 |
| | 2000 | 945 | 66.6 | 19.5 | 4.94 | .59 | .74 | .88 | 64.2 | 18.8 | 5.58 | .60 | .75 | .90 | 61.6 | 18.1 | 6.33 | .61 | .77 | .92 | 59.0 | 17.3 | 7.17 | .62 | .78 | .94 |
| | 2200 | 1040 | 67.4 | 19.8 | 4.97 | .61 | .77 | .91 | 65.0 | 19.0 | 5.61 | .62 | .78 | .93 | 62.4 | 18.3 | 6.35 | .63 | .80 | .95 | 59.7 | 17.5 | 7.20 | .64 | .82 | .97 |
| 71°F (22°C) | 1800 | 850 | 69.8 | 20.5 | 5.02 | .43 | .56 | .69 | 67.3 | 19.7 | 5.67 | .43 | .57 | .70 | 64.7 | 19.0 | 6.42 | .43 | .57 | .71 | 61.9 | 18.1 | 7.30 | .44 | .58 | .73 |
| | 2000 | 945 | 70.8 | 20.7 | 5.04 | .43 | .58 | .72 | 68.2 | 20.0 | 5.69 | .44 | .58 | .73 | 65.4 | 19.2 | 6.46 | .44 | .59 | .75 | 62.7 | 18.4 | 7.32 | .44 | .60 | .76 |
| | 2200 | 1040 | 71.6 | 21.0 | 5.06 | .44 | .59 | .74 | 68.9 | 20.2 | 5.72 | .44 | .60 | .76 | 66.2 | 19.4 | 6.48 | .45 | .61 | .78 | 63.3 | 18.6 | 7.35 | .45 | .63 | .79 |

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS29-060 - CB29M-51 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|-----|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | 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 |
| 63°F (17°C) | 1400 | 660 | 53.9 | 15.8 | 4.70 | .69 | .81 | .92 | 52.1 | 15.3 | 5.31 | .70 | .82 | .94 | 50.2 | 14.7 | 6.01 | .71 | .84 | .95 | 48.2 | 14.1 | 6.79 | .72 | .85 | .97 |
| | 1600 | 755 | 55.3 | 16.2 | 4.70 | .71 | .84 | .96 | 53.4 | 15.6 | 5.31 | .72 | .86 | .97 | 51.4 | 15.1 | 6.01 | .73 | .87 | .98 | 49.4 | 14.5 | 6.79 | .75 | .89 | .99 |
| | 1800 | 850 | 56.4 | 16.5 | 4.69 | .73 | .88 | .98 | 54.5 | 16.0 | 5.30 | .75 | .89 | .99 | 52.5 | 15.4 | 6.01 | .76 | .90 | 1.00 | 50.4 | 14.8 | 6.79 | .77 | .92 | 1.00 |
| 67°F (19°C) | 1400 | 660 | 57.7 | 16.9 | 4.69 | .55 | .66 | .78 | 55.8 | 16.4 | 5.30 | .55 | .67 | .79 | 53.7 | 15.7 | 6.00 | .56 | .68 | .80 | 51.5 | 15.1 | 6.80 | .56 | .69 | .82 |
| | 1600 | 755 | 59.0 | 17.3 | 4.68 | .56 | .69 | .81 | 57.0 | 16.7 | 5.29 | .56 | .69 | .82 | 54.9 | 16.1 | 6.00 | .57 | .71 | .84 | 52.6 | 15.4 | 6.80 | .58 | .72 | .85 |
| | 1800 | 850 | 60.0 | 17.6 | 4.70 | .57 | .71 | .84 | 58.0 | 17.0 | 5.31 | .58 | .72 | .86 | 55.8 | 16.4 | 6.01 | .59 | .73 | .87 | 53.6 | 15.7 | 6.80 | .59 | .75 | .89 |
| 71°F (22°C) | 1400 | 660 | 61.6 | 18.1 | 4.73 | .42 | .53 | .64 | 59.6 | 17.5 | 5.35 | .42 | .53 | .64 | 57.4 | 16.8 | 6.06 | .42 | .54 | .66 | 55.2 | 16.2 | 6.87 | .42 | .54 | .66 |
| | 1600 | 755 | 62.8 | 18.4 | 4.76 | .43 | .54 | .66 | 60.7 | 17.8 | 5.38 | .43 | .55 | .67 | 58.5 | 17.1 | 6.09 | .43 | .55 | .68 | 56.2 | 16.5 | 6.91 | .43 | .56 | .69 |
| | 1800 | 850 | 63.8 | 18.7 | 4.78 | .43 | .56 | .68 | 61.7 | 18.1 | 5.40 | .43 | .56 | .70 | 59.4 | 17.4 | 6.12 | .43 | .57 | .71 | 57.0 | 16.7 | 6.94 | .44 | .58 | .72 |

HS29-060 - CB29M-65 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|------|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | 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 |
| 63°F (17°C) | 1600 | 755 | 55.7 | 16.3 | 4.76 | .71 | .84 | .96 | 53.8 | 15.8 | 5.38 | .72 | .86 | .97 | 51.8 | 15.2 | 6.10 | .73 | .87 | .98 | 49.7 | 14.6 | 6.89 | .75 | .89 | .99 |
| | 1800 | 850 | 56.8 | 16.6 | 4.76 | .73 | .88 | .98 | 54.9 | 16.1 | 5.38 | .75 | .89 | .99 | 52.9 | 15.5 | 6.10 | .76 | .90 | 1.00 | 50.8 | 14.9 | 6.89 | .77 | .92 | 1.00 |
| | 2000 | 945 | 57.9 | 17.0 | 4.76 | .76 | .90 | 1.00 | 55.9 | 16.4 | 5.38 | .77 | .92 | 1.00 | 53.8 | 15.8 | 6.09 | .79 | .93 | 1.00 | 51.7 | 15.2 | 6.89 | .80 | .95 | 1.00 |
| 67°F (19°C) | 1600 | 755 | 59.4 | 17.4 | 4.75 | .56 | .69 | .81 | 57.4 | 16.8 | 5.37 | .57 | .70 | .82 | 55.3 | 16.2 | 6.08 | .57 | .71 | .84 | 53.0 | 15.5 | 6.90 | .58 | .72 | .85 |
| | 1800 | 850 | 60.4 | 17.7 | 4.77 | .57 | .71 | .84 | 58.4 | 17.1 | 5.39 | .58 | .72 | .86 | 56.2 | 16.5 | 6.10 | .59 | .73 | .87 | 53.9 | 15.8 | 6.90 | .60 | .75 | .89 |
| | 2000 | 945 | 61.3 | 18.0 | 4.79 | .59 | .73 | .87 | 59.1 | 17.3 | 5.41 | .59 | .75 | .89 | 56.9 | 16.7 | 6.12 | .60 | .76 | .90 | 54.6 | 16.0 | 6.93 | .61 | .78 | .92 |
| 71°F (22°C) | 1600 | 755 | 63.3 | 18.6 | 4.83 | .42 | .54 | .66 | 61.2 | 17.9 | 5.46 | .42 | .55 | .67 | 58.9 | 17.3 | 6.18 | .43 | .56 | .68 | 56.6 | 16.6 | 7.01 | .43 | .56 | .69 |
| | 1800 | 850 | 64.3 | 18.8 | 4.85 | .43 | .56 | .68 | 62.1 | 18.2 | 5.48 | .43 | .56 | .70 | 59.8 | 17.5 | 6.21 | .43 | .57 | .71 | 57.4 | 16.8 | 7.04 | .44 | .58 | .72 |
| | 2000 | 945 | 65.1 | 19.1 | 4.87 | .43 | .57 | .71 | 62.8 | 18.4 | 5.50 | .44 | .58 | .72 | 60.5 | 17.7 | 6.23 | .44 | .59 | .74 | 58.0 | 17.0 | 7.06 | .44 | .60 | .75 |

HS29-060 - CB30M-51 - CB30U-51 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|-----|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | 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 |
| 63°F (17°C) | 1400 | 660 | 54.6 | 16.0 | 4.64 | .68 | .81 | .91 | 52.8 | 15.5 | 5.24 | .69 | .82 | .93 | 50.8 | 14.9 | 5.94 | .70 | .83 | .95 | 48.7 | 14.3 | 6.71 | .71 | .85 | .96 |
| | 1600 | 755 | 56.2 | 16.5 | 4.63 | .71 | .84 | .95 | 54.2 | 15.9 | 5.24 | .72 | .85 | .97 | 52.1 | 15.3 | 5.93 | .73 | .87 | .98 | 50.0 | 14.7 | 6.71 | .74 | .88 | .99 |
| | 1800 | 850 | 57.3 | 16.8 | 4.65 | .73 | .87 | .98 | 55.3 | 16.2 | 5.25 | .74 | .88 | .99 | 53.2 | 15.6 | 5.95 | .75 | .90 | 1.00 | 51.1 | 15.0 | 6.73 | .77 | .92 | 1.00 |
| 67°F (19°C) | 1400 | 660 | 58.5 | 17.1 | 4.68 | .55 | .66 | .77 | 56.5 | 16.6 | 5.28 | .55 | .67 | .78 | 54.4 | 15.9 | 5.97 | .56 | .67 | .80 | 52.2 | 15.3 | 6.77 | .56 | .69 | .81 |
| | 1600 | 755 | 59.8 | 17.5 | 4.70 | .56 | .68 | .80 | 57.7 | 16.9 | 5.31 | .56 | .69 | .82 | 55.5 | 16.3 | 6.01 | .57 | .70 | .83 | 53.2 | 15.6 | 6.82 | .58 | .72 | .85 |
| | 1800 | 850 | 60.9 | 17.8 | 4.73 | .57 | .71 | .84 | 58.7 | 17.2 | 5.34 | .58 | .72 | .85 | 56.4 | 16.5 | 6.05 | .59 | .73 | .87 | 54.1 | 15.9 | 6.85 | .59 | .74 | .89 |
| 71°F (22°C) | 1400 | 660 | 62.4 | 18.3 | 4.76 | .42 | .53 | .63 | 60.3 | 17.7 | 5.38 | .42 | .53 | .64 | 58.0 | 17.0 | 6.09 | .42 | .54 | .65 | 55.7 | 16.3 | 6.91 | .42 | .54 | .66 |
| | 1600 | 755 | 63.8 | 18.7 | 4.79 | .42 | .54 | .66 | 61.5 | 18.0 | 5.42 | .42 | .54 | .67 | 59.2 | 17.3 | 6.13 | .43 | .55 | .68 | 56.8 | 16.6 | 6.96 | .43 | .56 | .69 |
| | 1800 | 850 | 64.8 | 19.0 | 4.82 | .43 | .55 | .68 | 62.6 | 18.3 | 5.44 | .43 | .56 | .69 | 60.2 | 17.6 | 6.16 | .43 | .57 | .70 | 57.7 | 16.9 | 7.00 | .44 | .58 | .72 |

HS29-060 - CB31MV-51 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------|---|-----------|---------------------|-------------------------------|-------|-----|------------------------|-----------|---------------------|-------------------------------|-----|-----------|------------------------|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | Dry Bulb | | | | | | 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 |
| 63°F (17°C) | 1425 | 675 | 53.9 | 15.8 | 4.46 | .69 | .81 | .92 | 52.0 | 15.2 | 5.04 | .70 | .82 | .94 | 50.0 | 14.7 | 5.71 | .71 | .84 | .95 | 48.0 | 14.1 | 6.46 | .72 | .85 | .97 |
| | 1625 | 765 | 55.3 | 16.2 | 4.45 | .71 | .84 | .96 | 53.4 | 15.6 | 5.04 | .72 | .86 | .97 | 51.4 | 15.1 | 5.71 | .73 | .87 | .98 | 49.3 | 14.4 | 6.46 | .74 | .89 | 1.00 |
| | 1805 | 850 | 56.3 | 16.5 | 4.47 | .73 | .87 | .98 | 54.4 | 15.9 | 5.05 | .74 | .88 | .99 | 52.3 | 15.3 | 5.72 | .76 | .90 | 1.00 | 50.2 | 14.7 | 6.48 | .77 | .92 | 1.00 |
| 67°F (19°C) | 1425 | 675 | 57.6 | 16.9 | 4.50 | .55 | .66 | .77 | 55.7 | 16.3 | 5.09 | .55 | .67 | .79 | 53.6 | 15.7 | 5.75 | .56 | .68 | .80 | 51.4 | 15.1 | 6.52 | .56 | .69 | .82 |
| | 1625 | 765 | 58.9 | 17.3 | 4.53 | .56 | .69 | .81 | 56.9 | 16.7 | 5.12 | .56 | .69 | .82 | 54.7 | 16.0 | 5.79 | .57 | .71 | .84 | 52.4 | 15.4 | 6.57 | .58 | .72 | .85 |
| | 1805 | 850 | 59.8 | 17.5 | 4.55 | .57 | .71 | .84 | 57.7 | 16.9 | 5.13 | .58 | .72 | .85 | 55.5 | 16.3 | 5.82 | .59 | .73 | .87 | 53.2 | 15.6 | 6.59 | .59 | .74 | .89 |
| 71°F (22°C) | 1425 | 675 | 61.5 | 18.0 | 4.59 | .42 | .53 | .63 | 59.4 | 17.4 | 5.18 | .42 | .53 | .64 | 57.2 | 16.8 | 5.86 | .42 | .54 | .65 | 54.9 | 16.1 | 6.65 | .42 | .54 | .66 |
| | 1625 | 765 | 62.8 | 18.4 | 4.61 | .43 | .54 | .66 | 60.6 | 17.8 | 5.21 | .43 | .55 | .67 | 58.3 | 17.1 | 5.90 | .43 | .55 | .68 | 55.9 | 16.4 | 6.70 | .43 | .56 | .69 |
| | 1805 | 850 | 63.7 | 18.7 | 4.64 | .43 | .55 | .68 | 61.5 | 18.0 | 5.23 | .43 | .56 | .69 | 59.1 | 17.3 | 5.93 | .43 | .57 | .71 | 56.7 | 16.6 | 6.73 | .43 | .58 | .72 |

RATINGS

NOTE - For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. All values are gross capacities and do not include evaporator coil blower motor heat deduction.

HS29-060 — CB30M-65, CB30MU-65 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|------------------------|------|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|-----|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 1600 | 755 | 57.4 | 16.8 | 4.63 | .71 | .84 | .95 | 55.4 | 16.2 | 5.24 | .72 | .85 | .97 | 53.3 | 15.6 | 5.94 | .73 | .86 | .98 | 51.1 | 15.0 | 6.72 | .74 | .88 | .99 |
| | 1800 | 850 | 58.6 | 17.2 | 4.66 | .73 | .87 | .98 | 56.5 | 16.6 | 5.26 | .74 | .88 | .99 | 54.4 | 15.9 | 5.95 | .75 | .90 | 1.00 | 52.2 | 15.3 | 6.74 | .77 | .92 | 1.00 |
| | 2000 | 945 | 59.6 | 17.5 | 4.68 | .76 | .90 | 1.00 | 57.5 | 16.9 | 5.29 | .77 | .92 | 1.00 | 55.3 | 16.2 | 5.98 | .78 | .93 | 1.00 | 53.1 | 15.6 | 6.78 | .80 | .95 | 1.00 |
| 67°F (19°C) | 1600 | 755 | 61.1 | 17.9 | 4.71 | .56 | .68 | .80 | 59.0 | 17.3 | 5.32 | .56 | .69 | .82 | 56.7 | 16.6 | 6.02 | .57 | .70 | .83 | 54.4 | 15.9 | 6.83 | .58 | .72 | .85 |
| | 1800 | 850 | 62.2 | 18.2 | 4.73 | .57 | .71 | .84 | 60.0 | 17.6 | 5.34 | .58 | .72 | .85 | 57.7 | 16.9 | 6.06 | .58 | .73 | .87 | 55.3 | 16.2 | 6.86 | .59 | .74 | .89 |
| | 2000 | 945 | 63.1 | 18.5 | 4.75 | .58 | .73 | .87 | 60.8 | 17.8 | 5.37 | .59 | .74 | .89 | 58.5 | 17.1 | 6.08 | .60 | .76 | .90 | 56.0 | 16.4 | 6.89 | .61 | .77 | .92 |
| 71°F (22°C) | 1600 | 755 | 65.1 | 19.1 | 4.80 | .42 | .54 | .66 | 62.9 | 18.4 | 5.42 | .42 | .55 | .66 | 60.5 | 17.7 | 6.14 | .43 | .55 | .68 | 58.0 | 17.0 | 6.97 | .43 | .56 | .69 |
| | 1800 | 850 | 66.3 | 19.4 | 4.82 | .43 | .55 | .68 | 63.9 | 18.7 | 5.44 | .43 | .56 | .69 | 61.5 | 18.0 | 6.17 | .43 | .57 | .71 | 58.9 | 17.3 | 7.00 | .43 | .58 | .72 |
| | 2000 | 945 | 67.2 | 19.7 | 4.84 | .43 | .57 | .71 | 64.8 | 19.0 | 5.47 | .43 | .58 | .72 | 62.2 | 18.2 | 6.20 | .44 | .59 | .73 | 59.7 | 17.5 | 7.03 | .44 | .60 | .75 |

HS29-060 - CB31MV-65 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|------------------------|------|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|-----|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 1625 | 765 | 57.4 | 16.8 | 4.67 | .71 | .84 | .96 | 55.4 | 16.2 | 5.28 | .72 | .85 | .97 | 53.2 | 15.6 | 5.98 | .73 | .87 | .99 | 51.1 | 15.0 | 6.77 | .74 | .89 | 1.00 |
| | 1805 | 850 | 58.4 | 17.1 | 4.69 | .73 | .87 | .98 | 56.4 | 16.5 | 5.29 | .74 | .88 | .99 | 54.2 | 15.9 | 5.99 | .76 | .90 | 1.00 | 52.0 | 15.2 | 6.78 | .77 | .92 | 1.00 |
| | 2005 | 945 | 59.4 | 17.4 | 4.71 | .75 | .90 | 1.00 | 57.4 | 16.8 | 5.32 | .77 | .92 | 1.00 | 55.2 | 16.2 | 6.02 | .78 | .93 | 1.00 | 52.9 | 15.5 | 6.82 | .80 | .95 | 1.00 |
| 67°F (19°C) | 1625 | 765 | 61.1 | 17.9 | 4.74 | .56 | .69 | .81 | 58.9 | 17.3 | 5.36 | .56 | .69 | .82 | 56.7 | 16.6 | 6.06 | .57 | .71 | .84 | 54.3 | 15.9 | 6.88 | .58 | .72 | .85 |
| | 1805 | 850 | 62.0 | 18.2 | 4.77 | .57 | .71 | .84 | 59.8 | 17.5 | 5.38 | .58 | .72 | .85 | 57.5 | 16.9 | 6.10 | .58 | .73 | .87 | 55.1 | 16.1 | 6.91 | .59 | .75 | .89 |
| | 2005 | 945 | 62.9 | 18.4 | 4.78 | .59 | .73 | .87 | 60.7 | 17.8 | 5.41 | .59 | .74 | .89 | 58.3 | 17.1 | 6.13 | .60 | .76 | .90 | 55.9 | 16.4 | 6.93 | .61 | .77 | .92 |
| 71°F (22°C) | 1625 | 765 | 65.1 | 19.1 | 4.83 | .42 | .54 | .66 | 62.8 | 18.4 | 5.46 | .43 | .55 | .67 | 60.5 | 17.7 | 6.18 | .43 | .55 | .68 | 58.0 | 17.0 | 7.02 | .43 | .56 | .69 |
| | 1805 | 850 | 66.1 | 19.4 | 4.86 | .43 | .55 | .68 | 63.7 | 18.7 | 5.48 | .43 | .56 | .69 | 61.3 | 18.0 | 6.21 | .43 | .57 | .71 | 58.7 | 17.2 | 7.05 | .43 | .58 | .72 |
| | 2005 | 945 | 67.0 | 19.6 | 4.88 | .43 | .57 | .71 | 64.6 | 18.9 | 5.51 | .43 | .58 | .72 | 62.1 | 18.2 | 6.24 | .44 | .59 | .73 | 59.5 | 17.4 | 7.08 | .44 | .60 | .75 |

HS29-060 - CVP10-51/EC10Q4 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|------------------------|------|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|-----|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 1600 | 755 | 53.3 | 15.6 | 4.59 | .71 | .84 | .95 | 51.5 | 15.1 | 5.19 | .72 | .85 | .97 | 49.6 | 14.5 | 5.87 | .73 | .86 | .98 | 47.6 | 14.0 | 6.64 | .74 | .88 | .99 |
| | 1700 | 800 | 54.0 | 15.8 | 4.58 | .72 | .85 | .97 | 52.1 | 15.3 | 5.18 | .73 | .87 | .98 | 50.1 | 14.7 | 5.87 | .74 | .88 | .99 | 48.1 | 14.1 | 6.64 | .76 | .90 | 1.00 |
| | 1800 | 850 | 54.5 | 16.0 | 4.58 | .73 | .87 | .98 | 52.7 | 15.4 | 5.18 | .74 | .88 | .99 | 50.7 | 14.9 | 5.87 | .75 | .90 | 1.00 | 48.6 | 14.2 | 6.64 | .77 | .92 | 1.00 |
| 67°F (19°C) | 1600 | 755 | 57.0 | 16.7 | 4.62 | .56 | .68 | .80 | 55.0 | 16.1 | 5.22 | .56 | .69 | .82 | 52.9 | 15.5 | 5.90 | .57 | .70 | .83 | 50.8 | 14.9 | 6.68 | .57 | .71 | .85 |
| | 1700 | 800 | 57.5 | 16.9 | 4.63 | .56 | .69 | .82 | 55.5 | 16.3 | 5.23 | .57 | .70 | .83 | 53.4 | 15.6 | 5.92 | .58 | .72 | .85 | 51.2 | 15.0 | 6.70 | .58 | .73 | .87 |
| | 1800 | 850 | 58.0 | 17.0 | 4.64 | .57 | .71 | .84 | 56.0 | 16.4 | 5.24 | .58 | .72 | .85 | 53.8 | 15.8 | 5.92 | .58 | .73 | .87 | 51.6 | 15.1 | 6.72 | .59 | .74 | .89 |
| 71°F (22°C) | 1600 | 755 | 60.7 | 17.8 | 4.70 | .42 | .54 | .66 | 58.6 | 17.2 | 5.31 | .42 | .54 | .66 | 56.4 | 16.5 | 6.01 | .43 | .55 | .68 | 54.1 | 15.9 | 6.81 | .43 | .56 | .69 |
| | 1700 | 800 | 61.2 | 17.9 | 4.71 | .42 | .55 | .67 | 59.1 | 17.3 | 5.32 | .43 | .55 | .68 | 56.9 | 16.7 | 6.03 | .43 | .56 | .69 | 54.6 | 16.0 | 6.83 | .43 | .57 | .70 |
| | 1800 | 850 | 61.7 | 18.1 | 4.72 | .43 | .55 | .68 | 59.6 | 17.5 | 5.34 | .43 | .56 | .69 | 57.3 | 16.8 | 6.05 | .43 | .57 | .71 | 55.0 | 16.1 | 6.85 | .43 | .58 | .72 |

HS29-060 - CVP10-65/EC10Q5 COOLING CAPACITY

| Entering Wet Bulb Temperature | Total Air Volume | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------|---|-----------|---------------------|-------------------------------|-----------|-----------|------------------------|-------|---------------------|-------------------------------|-----------|-----------|------------------------|------|---------------------|-------------------------------|-----------|-------|------------------------|-----------|---------------------|-------------------------------|-----|------|
| | | | 85°F (29°C) | | | | | | 95°F (35°C) | | | | | | 105°F (41°C) | | | | | | 115°F (46°C) | | | | | |
| | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | Comp Motor kW Input | Sensible To Total Ratio (S/T) | | |
| | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | | kBtuh | kW | | Dry Bulb | | |
| cfm | L/s | 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 | | |
| 63°F (17°C) | 1600 | 755 | 54.8 | 16.1 | 4.65 | .72 | .85 | .96 | 52.9 | 15.5 | 5.26 | .73 | .86 | .98 | 50.9 | 14.9 | 5.96 | .74 | .88 | .99 | 48.9 | 14.3 | 6.73 | .75 | .90 | 1.00 |
| | 1800 | 850 | 56.0 | 16.4 | 4.64 | .74 | .88 | .99 | 54.1 | 15.9 | 5.25 | .75 | .90 | 1.00 | 52.1 | 15.3 | 5.95 | .77 | .91 | 1.00 | 50.0 | 14.7 | 6.73 | .78 | .93 | 1.00 |
| | 2000 | 945 | 57.0 | 16.7 | 4.66 | .77 | .92 | 1.00 | 55.1 | 16.1 | 5.26 | .78 | .93 | 1.00 | 53.1 | 15.6 | 5.96 | .80 | .95 | 1.00 | 51.0 | 14.9 | 6.75 | .81 | .96 | 1.00 |
| 67°F (19°C) | 1600 | 755 | 58.3 | 17.1 | 4.68 | .56 | .69 | .82 | 56.3 | 16.5 | 5.29 | .57 | .70 | .83 | 54.2 | 15.9 | 5.98 | .58 | .71 | .84 | 52.0 | 15.2 | 6.78 | .58 | .73 | .86 |
| | 1800 | 850 | 59.4 | 17.4 | 4.71 | .58 | .72 | .85 | 57.3 | 16.8 | 5.31 | .58 | .73 | .87 | 55.1 | 16.1 | 6.01 | .59 | .74 | .88 | 52.9 | 15.5 | 6.82 | .60 | .76 | .90 |
| | 2000 | 945 | 60.2 | 17.6 | 4.73 | .59 | .75 | .88 | 58.1 | 17.0 | 5.33 | .60 | .76 | .90 | 55.9 | 16.4 | 6.04 | .61 | .77 | .92 | 53.6 | 15.7 | 6.85 | .62 | .79 | .94 |
| 71°F (22°C) | 1600 | 755 | 62.2 | 18.2 | 4.77 | .42 | .55 | .67 | 60.1 | 17.6 | 5.39 | .43 | .55 | .68 | 57.8 | 16.9 | 6.10 | .43 | .56 | .69 | 55.5 | 16.3 | 6.91 | .43 | .57 | .70 |
| | 1800 | 850 | 63.2 | 18.5 | 4.79 | .43 | .56 | .69 | 61.0 | 17.9 | 5.42 | .43 | .57 | .70 | 58.7 | 17.2 | 6.13 | .43 | .58 | .72 | 56.3 | 16.5 | 6.95 | .44 | .59 | .73 |
| | 2000 | 945 | 64.0 | 18.8 | 4.81 | .44 | .58 | .72 | 61.8 | 18.1 | 5.44 | .44 | .59 | .73 | 59.4 | 17.4 | 6.16 | .44 | .60 | .75 | 57.0 | 16.7 | 6.99 | .45 | .61 | .77 |