

HRG18**S1P

LE Series

SPECIFICATIONS

Compressor

- Inverter-driven compressor for true variable capacity operation, precision environmental control, and exceptional energy savings
- R410A refrigerant
- Grommet-mounted compressor for quiet operation
- Heavy-duty compressor sound blanket for quiet operation
- Internally protected against high temperature motor overload conditions

Cabinet

- Full metal louvered construction to protect the coil
- Individual metal louvered panels remove easily for coil cleaning and service
- Specialized corner-mounted controls for easy service
- Baked polyester paint finished over galvanized steel for maximum durability
- Removable PVC coated wire fan discharge grill
- External gauge ports for easy service
- Removable service panel for internal access
- Compliant with Florida Building Code 2020

Design

- Designed for installation with a standard 24V thermostat and non-communicating equipment
- Offers five total operating modes, three in cooling and two for heating, to fine-tune the unit's performance to the application and consumer's needs
- Clean-sweep defrost provides a more thorough defrost, reducing the number of cycles during heating operation
- Designed to perform in temperatures from -15°F to 125°F

Coils

- Coil corrosion protection with all-aluminum tube-and-fin coil design
- Lanced fins for maximum heat transfer
- Factory tested for leakproof construction
- Raised coil prevents debris from impeding airflow and helps prevent ice build-up

Components

- 45-degree offset gauge ports are positioned for quick installation and easy service
- Variable speed condenser fan motor
- Swept wing fan blade for quiet operation (5 Ton)
- Factory-installed crankcase heater
- Factory-installed TXV for excellent refrigeration control
- Factory-installed high and low pressure switches
- Thread-on pressure switches for simple, quick service
- Fan orifice for smoother airflow and sound level reduction
- Proprietary technology uses proprietary algorithms and specialized sensors to monitor liquid and suction temperatures and pressures for precision system control in true variable speed operation
- Shipped factory charged for 15 feet of line set
- Discharge muffler for quiet operation
- Demand defrost for increased energy efficiency
- Units are capable of reducing noise during defrost

SPLIT SYSTEM HEAT PUMP

*18 SEER High Efficiency
Up to 19 SEER2 & 8.1 HSPF2*



For the latest AHRI system matches,
please visit AHRIdirectory.org

Comfort-Care®

MODEL NUMBER GUIDE

| | | | | | | | |
|-----------|-------------------|-----------------------|------------|---------------------|-----------------------|---------------------------|---------------------|
| H | R | G | 18 | 36 | S | 1 | P |
| Heat Pump | Residential Split | 'Green' Gas R-410A | SEER 18 | Capacity 24k-36k | Selective Capacity | Power 1 = 208/230-1-60 | Series/ Revision |

| | | | | | | | |
|-----------|-------------------|-----------------------|------------|---------------------|-----------------------|---------------------------|---------------------|
| H | R | G | 18 | 60 | S | 1 | P |
| Heat Pump | Residential Split | 'Green' Gas R-410A | SEER 18 | Capacity 48k-60k | Selective Capacity | Power 1 = 208/230-1-60 | Series/ Revision |

ELECTRICAL AND PHYSICAL DATA

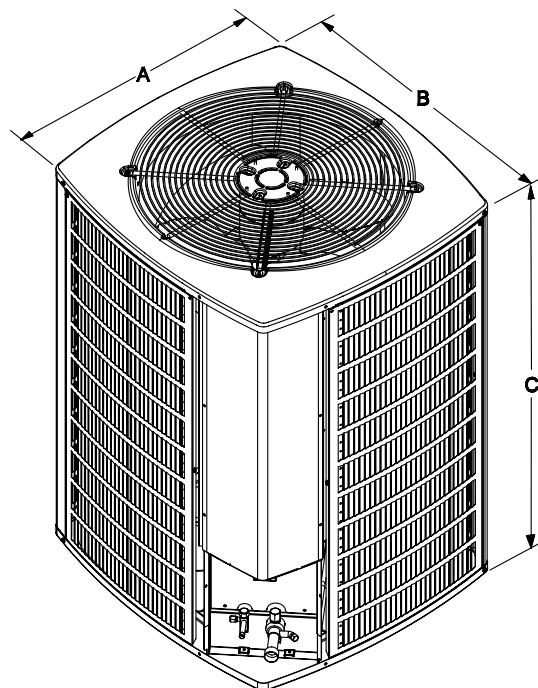
| Model | Voltage/Hz/Phase | Voltage Range | Min. Circuit Amp. | Max. Over Current Device (amps) | Compressor | Outdoor Fan Motor | | | Shipping Weight (lbs.) |
|------------|------------------|---------------|-------------------|---------------------------------|------------|-------------------|----------|----------|------------------------|
| | | | | | Input Amps | Full Load (amps) | Rated HP | Nom. RPM | |
| HRG1836S1P | 208-230/60/1 | 197-253 | 21.9 | 35 | 15.3 | 2.8 | 1/3 | VAR. SPD | 215 |
| HRG1860S1P | 208-230/60/1 | 197-253 | 33.7 | 50 | 24.7 | 2.8 | 1/3 | VAR. SPD | 272 |

Note:
Weights listed are unit weights with packaging
+ Factory charged for 15 feet of line set; adjust per installation instructions

DIMENSIONS (IN.)

| Model No. | Dimensions (inch) | | |
|------------|-------------------|-----------|------------|
| | A - Width | B - Depth | C - Height |
| HRG1836S1P | 29-3/8 | 31-1/2 | 33-3/4 |
| HRG1860S1P | 29-3/8 | 31-1/4 | 43-3/4 |

Note:
Dimensions listed are unit sizes w/o packaging



SOUND RATINGS

| Model | Sound Power ¹ | Estimated Sound Pressure (dBA) ² | | |
|-------------------------|--------------------------|---------------------------------------------|--------------------------|----------------------------|
| | | Approximate Distance ³ | | |
| | | One Meter (3.3 feet) | Two Meters (6.6 feet) | Three Meters (9.8 feet) |
| HRG1836S1P (2 TON MODE) | 72 | 64 | 58 | 54 |
| HRG1836S1P (3 TON MODE) | 74 | 66 | 60 | 56 |
| HRG1860S1P (4 TON MODE) | 74 | 66 | 60 | 56 |
| HRG1860S1P (5 TON MODE) | 79 | 71 | 65 | 61 |

1 Rated in accordance with AHRI standard 270 (2015)

2 Rated in accordance with AHRI standard 275 (2010)

3 Based only on distance factor; other factors may change this value such as:

- Unit location (reflective surfaces adjacent to the unit)
- Barrier shielding sources
- Sound path/elevation
- Outside noise sources

REFRIGERATION DATA

| Model | Factory Refrig. Charge (oz.) * | TXV | Refrigerant Line Size | | Outdoor Unit Connection | | Indoor Unit Connection | |
|-------------------------|--------------------------------|---------|-----------------------|--------|-------------------------|--------|------------------------|--------|
| | | | Suction | Liquid | Suction | Liquid | Suction | Liquid |
| HRG1836S1P (2 TON MODE) | 138 | H4TXV01 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 |
| HRG1836S1P (3 TON MODE) | 138 | H4TXV02 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 |
| HRG1860S1P (4 TON MODE) | 186 | H4TXV02 | 7/8 | 3/8 | 7/8 | 3/8 | 7/8 | 3/8 |
| HRG1860S1P (5 TON MODE) | 186 | H4TXV03 | 1-1/8 | 3/8 | 7/8 | 3/8 | 7/8 | 3/8 |

* Factory charged for 15 feet of line set; adjust per installation instructions
Refrigerant charge also varies with indoor unit; refer to refrigerant charge label

COOLING PERFORMANCE WITH DTC¹

| Outdoor Model | Indoor Model | Cooling | | | | Heating | | | | High CFM | Med CFM | Low CFM | |
|---------------|--------------|---------|------|----------------------------------|-------------------|---------|-------|------|-------|----------|---------|---------|------|
| | | SEER2 | EER2 | AHRI Rated Capacity ² | Sensible Capacity | HSPF2 | 47° | | 17° | | | | |
| | | | | | | | Btuh | COP | Btuh | | | | COP |
| HRG1836S1P | HCG36V1P | 19.0 | 11.7 | 34400 | 27200 | 8.1 | 35000 | 3.20 | 22200 | 2.17 | 1200 | 820 | 820 |
| HRG1860S1P | HCG60V1P | 16.0 | 10.0 | 55500 | 40600 | 7.8 | 57000 | 2.81 | 38500 | 2.14 | 1800 | 1200 | 1200 |

Note:

1 DTC = Designated tested combination

2 Certified in accordance with Unitary Air Conditioner Certification Program, which is based on AHRI Standard 210/240

3 A blower time delay relay is standard on all Allied Air Enterprises furnace and air handler products

NOTE:

For the latest AHRI system matches, please visit
www.marsdeliversratings.com or www.AHRIdirectory.org

COOLING PERFORMANCE EXTENDED RATINGS HRG1836S1P (2 TON MODE) - HCG24V1P - MAXIMUM CAPACITY

| Indoor Wet Bulb Temperature | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-----|-----------------------------------------------|-----|------------------------|-----|-------------------------|----------------|--------------------------------------------------|----------------|------------------------|----------------|-------------------------|----------------|--------------------------------------------------|----------------|------------------------|----------------|-------------------------|----------------|--------------------------------------------------|----------------|------------------------|----------------|-------------------------|----------------|--------------------------------------------------|------|------|-----|------|------|------|------|
| | | 85° F (29.4° C) | | | | | | 95° F (35° C) | | | | | | 105° F (40.6° C) | | | | | | 115° F (46.1° C) | | | | | | 125° F (51.7° C) | | | | | | | |
| | | Total Air Volume | | Total Cooling Capacity | | Comp. Motor Watts Input | | Sensible to Total Ratio (S/T) Indoor Dry Bulb | | Total Cooling Capacity | | Comp. Motor Watts Input | | Sensible to Total Ratio (S/T) Indoor Dry Bulb | | Total Cooling Capacity | | Comp. Motor Watts Input | | Sensible to Total Ratio (S/T) Indoor Dry Bulb | | Total Cooling Capacity | | Comp. Motor Watts Input | | Sensible to Total Ratio (S/T) Indoor Dry Bulb | | | | | | | |
| cfm | L/s | kBtuh | kW | kBtuh | kW | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | | | | | | | |
| 59°F (15°C) | | 670 | 315 | 22.4 | 6.6 | 1300 | .92 | 1.00 | 1.00 | 21.4 | 6.3 | 1490 | .94 | 1.00 | 1.00 | 20.4 | 6.0 | 1690 | .97 | 1.00 | 1.00 | 19.2 | 5.6 | 1900 | 1.00 | 1.00 | 1.00 | 18.1 | 5.3 | 2120 | 1.00 | 1.00 | 1.00 |
| | | 820 | 385 | 24.0 | 7.0 | 1290 | .98 | 1.00 | 1.00 | 22.8 | 6.7 | 1490 | 1.00 | 1.00 | 1.00 | 21.6 | 6.3 | 1690 | 1.00 | 1.00 | 1.00 | 20.6 | 6.0 | 1910 | 1.00 | 1.00 | 1.00 | 19.3 | 5.7 | 2130 | 1.00 | 1.00 | 1.00 |
| | | 1050 | 495 | 25.8 | 7.6 | 1280 | 1.00 | 1.00 | 1.00 | 24.4 | 7.2 | 1480 | 1.00 | 1.00 | 1.00 | 23.2 | 6.8 | 1690 | 1.00 | 1.00 | 1.00 | 22.0 | 6.4 | 1910 | 1.00 | 1.00 | 1.00 | 20.6 | 6.0 | 2150 | 1.00 | 1.00 | 1.00 |
| 63°F (17.2°C) | | 670 | 315 | 23.4 | 6.9 | 1300 | .74 | .88 | 1.00 | 22.0 | 6.4 | 1490 | .76 | .91 | 1.00 | 20.8 | 6.1 | 1690 | .78 | .94 | 1.00 | 19.4 | 5.7 | 1900 | .81 | .97 | 1.00 | 18.1 | 5.3 | 2120 | .83 | 1.00 | 1.00 |
| | | 820 | 385 | 24.4 | 7.2 | 1290 | .79 | .94 | 1.00 | 23.0 | 6.7 | 1480 | .81 | .97 | 1.00 | 21.6 | 6.3 | 1690 | .84 | 1.00 | 1.00 | 20.4 | 6.0 | 1900 | .86 | 1.00 | 1.00 | 19.3 | 5.7 | 2130 | .90 | 1.00 | 1.00 |
| | | 1050 | 495 | 25.8 | 7.6 | 1280 | .85 | 1.00 | 1.00 | 24.6 | 7.2 | 1480 | .88 | 1.00 | 1.00 | 23.2 | 6.8 | 1690 | .92 | 1.00 | 1.00 | 22.0 | 6.4 | 1920 | .95 | 1.00 | 1.00 | 20.6 | 6.0 | 2140 | .99 | 1.00 | 1.00 |
| 67°F (19.4°C) | | 670 | 315 | 24.8 | 7.3 | 1290 | .58 | .71 | .84 | 23.4 | 6.9 | 1480 | .60 | .73 | .87 | 22.2 | 6.5 | 1690 | .61 | .76 | .89 | 20.8 | 6.1 | 1900 | .62 | .78 | .93 | 19.3 | 5.7 | 2130 | .64 | .81 | .97 |
| | | 820 | 385 | 25.8 | 7.6 | 1280 | .62 | .77 | .91 | 24.4 | 7.2 | 1480 | .63 | .79 | .94 | 23.0 | 6.7 | 1690 | .64 | .81 | .97 | 21.6 | 6.3 | 1910 | .66 | .84 | 1.00 | 20.0 | 5.9 | 2140 | .68 | .87 | 1.00 |
| | | 1050 | 495 | 27.0 | 7.9 | 1270 | .65 | .83 | .99 | 25.6 | 7.5 | 1470 | .67 | .86 | 1.00 | 24.0 | 7.0 | 1690 | .69 | .89 | 1.00 | 22.4 | 6.6 | 1910 | .71 | .93 | 1.00 | 20.8 | 6.1 | 2140 | .74 | .97 | 1.00 |
| 71°F (21.7°C) | | 670 | 315 | 26.2 | 7.7 | 1270 | .45 | .57 | .69 | 24.8 | 7.3 | 1480 | .45 | .58 | .71 | 23.4 | 6.9 | 1690 | .46 | .59 | .73 | 22.0 | 6.4 | 1910 | .46 | .61 | .75 | 20.6 | 6.0 | 2140 | .47 | .62 | .78 |
| | | 820 | 385 | 27.4 | 8.0 | 1260 | .46 | .60 | .74 | 25.8 | 7.6 | 1470 | .46 | .61 | .76 | 24.4 | 7.2 | 1690 | .47 | .63 | .78 | 22.8 | 6.7 | 1910 | .48 | .64 | .81 | 21.4 | 6.3 | 2150 | .48 | .66 | .84 |
| | | 1050 | 495 | 28.4 | 8.3 | 1250 | .48 | .64 | .81 | 27.0 | 7.9 | 1470 | .48 | .66 | .83 | 25.4 | 7.4 | 1690 | .49 | .68 | .87 | 23.8 | 7.0 | 1920 | .50 | .70 | .90 | 22.2 | 6.5 | 2150 | .51 | .73 | .94 |

COOLING PERFORMANCE EXTENDED RATINGS HRG1836S1P (2 TON MODE) - HCG24V1P - MINIMUM CAPACITY

| Indoor Wet Bulb Temperature | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|--|-----------------------------------------------|-----|------|-------------------------------|-----------------|-----------------|------------------------|-------------------------|-----------------|-------------------------------|-----|-------------------------|------------------------|-----------------|------|-------------------------------|-----------------|-----------------|------------------------|-------------------------|-----------------|-------------------------------|------|------|-----|------|------|------|------|------|------|
| | | 75° F (23.9° C) | | | | | | 85° F (29.4° C) | | | | | | 95° F (35° C) | | | | | | 105° F (40.6° C) | | | | | | | | | | | | |
| | | Total Cooling Capacity | | | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | | Sensible To Total Ratio (S/T) | | | | | | | | | |
| | | cfm | L/s | kWh | Comp. Motor Watts Input | Indoor Dry Bulb | Indoor Dry Bulb | kWh | Comp. Motor Watts Input | Indoor Dry Bulb | Indoor Dry Bulb | kWh | Comp. Motor Watts Input | Indoor Dry Bulb | Indoor Dry Bulb | kWh | Comp. Motor Watts Input | Indoor Dry Bulb | Indoor Dry Bulb | kWh | Comp. Motor Watts Input | Indoor Dry Bulb | Indoor Dry Bulb | | | | | | | | | |
| 59°F (15°C) | | 450 | 210 | 12.1 | 3.5 | 400 | 1.00 | 1.00 | 1.00 | 1.00 | 11.5 | 3.4 | 500 | 1.00 | 1.00 | 1.00 | 1.00 | 10.8 | 3.2 | 600 | 1.00 | 1.00 | 1.00 | 10.1 | 3.0 | 710 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | |
| | | 600 | 285 | 13.1 | 3.8 | 390 | 1.00 | 1.00 | 1.00 | 1.00 | 12.5 | 3.7 | 490 | 1.00 | 1.00 | 1.00 | 1.00 | 11.7 | 3.4 | 590 | 1.00 | 1.00 | 1.00 | 10.9 | 3.2 | 700 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | |
| | | 700 | 330 | 13.7 | 4.0 | 380 | 1.00 | 1.00 | 1.00 | 1.00 | 13.0 | 3.8 | 480 | 1.00 | 1.00 | 1.00 | 1.00 | 12.2 | 3.6 | 580 | 1.00 | 1.00 | 1.00 | 11.3 | 3.3 | 690 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | |
| 63°F (17.2°C) | | 450 | 210 | 12.1 | 3.5 | 400 | .87 | 1.00 | 1.00 | 1.00 | 11.5 | 3.4 | 500 | .90 | 1.00 | 1.00 | 1.00 | 10.8 | 3.2 | 600 | .94 | 1.00 | 1.00 | 1.00 | 10.1 | 3.0 | 710 | .99 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | 600 | 285 | 13.1 | 3.8 | 390 | .99 | 1.00 | 1.00 | 1.00 | 12.5 | 3.7 | 490 | 1.00 | 1.00 | 1.00 | 1.00 | 11.7 | 3.4 | 590 | 1.00 | 1.00 | 1.00 | 1.00 | 10.9 | 3.2 | 700 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | 700 | 330 | 13.7 | 4.0 | 380 | 1.00 | 1.00 | 1.00 | 1.00 | 13.0 | 3.8 | 480 | 1.00 | 1.00 | 1.00 | 1.00 | 12.2 | 3.6 | 580 | 1.00 | 1.00 | 1.00 | 1.00 | 11.4 | 3.3 | 690 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 67°F (19.4°C) | | 450 | 210 | 12.6 | 3.7 | 400 | .66 | .85 | 1.00 | 1.00 | 11.9 | 3.5 | 490 | .68 | .88 | 1.00 | 1.00 | 11.1 | 3.3 | 600 | .70 | .91 | 1.00 | 1.00 | 10.2 | 3.0 | 710 | .73 | .96 | 1.00 | 1.00 | 1.00 |
| | | 600 | 285 | 13.3 | 3.9 | 390 | .73 | .96 | 1.00 | 1.00 | 12.5 | 3.7 | 490 | .76 | 1.00 | 1.00 | 1.00 | 11.7 | 3.4 | 590 | .79 | 1.00 | 1.00 | 1.00 | 10.9 | 3.2 | 700 | .83 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | 700 | 330 | 13.7 | 4.0 | 380 | .78 | 1.00 | 1.00 | 1.00 | 13.0 | 3.8 | 480 | .81 | 1.00 | 1.00 | 1.00 | 12.2 | 3.6 | 580 | .84 | 1.00 | 1.00 | 1.00 | 11.3 | 3.3 | 690 | .89 | 1.00 | 1.00 | 1.00 | 1.00 |
| 71°F (21.7°C) | | 450 | 210 | 13.5 | 4.0 | 380 | .48 | .65 | .82 | 1.00 | 12.7 | 3.7 | 480 | .48 | .67 | .85 | 1.00 | 11.9 | 3.5 | 580 | .49 | .69 | .89 | 1.00 | 11.0 | 3.2 | 700 | .50 | .72 | .93 | 1.00 | 1.00 |
| | | 600 | 285 | 14.1 | 4.1 | 370 | .51 | .73 | .93 | 1.00 | 13.3 | 3.9 | 470 | .52 | .75 | .97 | 1.00 | 12.4 | 3.6 | 580 | .53 | .78 | 1.00 | 1.00 | 11.5 | 3.4 | 690 | .55 | .82 | 1.00 | 1.00 | |
| | | 700 | 330 | 14.4 | 4.2 | 360 | .53 | .77 | 1.00 | 1.00 | 13.6 | 4.0 | 470 | .54 | .80 | 1.00 | 1.00 | 12.7 | 3.7 | 580 | .56 | .84 | 1.00 | 1.00 | 11.7 | 3.4 | 690 | .57 | .88 | 1.00 | 1.00 | |

COOLING PERFORMANCE EXTENDED RATINGS HRG1836S1P (3 TON MODE) - HCG36V1P - MAXIMUM CAPACITY

| Indoor Wet Bulb Temperature | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | 85° F (29.4° C) | | | | | | 95° F (35° C) | | | | | | 105° F (40.6° C) | | | | | | 115° F (46.1° C) | | | | | | 125° F (51.7° C) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Total Air Volume | | Total Cooling Capacity | | Sensible To Total Ratio (S/T) | | Comp. Motor Watts Input | | Sensible To Total Ratio (S/T) | | Total Cooling Capacity | | Comp. Motor Watts Input | | Sensible To Total Ratio (S/T) | | Total Cooling Capacity | | Comp. Motor Watts Input | | Sensible To Total Ratio (S/T) | | Total Cooling Capacity | | Comp. Motor Watts Input | | Sensible To Total Ratio (S/T) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| cfm | L/s | kBtu/h | kW | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 59°F (15°C) | | 1050 | 495 | 33.2 | 9.7 | 1.00 | .93 | 1.00 | 1.00 | 1.00 | 2400 | 9.3 | 31.8 | 9.3 | 2400 | .95 | 1.00 | 1.00 | 1.00 | 2680 | 8.9 | 30.2 | 8.9 | 2680 | .98 | 1.00 | 1.00 | 1.00 | 2990 | 8.4 | 28.6 | 8.4 | 2990 | 1.00 | 1.00 | 1.00 | 1.00 | 3330 | 7.9 | 26.8 | 7.9 | 3330 | 1.00 | 1.00 | 1.00 | 1.00 | 3330 | 8.5 | 29.0 | 8.5 | 3330 | .85 | 1.00 | 1.00 | 1.00 | 3330 | 8.3 | 28.4 | 8.3 | 3360 | .65 | .82 | .99 | 1.00 | 3360 | 8.5 | 29.0 | 8.5 | 3370 | .68 | .87 | 1.00 | 1.00 | 3370 | 8.5 | 29.6 | 8.7 | 3390 | .71 | .92 | 1.00 | 1.00 | 3390 | 8.7 | 30.0 | 8.8 | 3400 | .47 | .64 | .80 | 1.00 | 3400 | 9.0 | 30.8 | 9.0 | 3400 | .48 | .66 | .84 | 1.00 | 3400 | 9.3 | 31.6 | 9.3 | 3420 | .50 | .70 | .89 | 1.00 | 3420 | 10.0 | 34.0 | 10.0 | 3050 | .49 | .67 | .85 | 1.00 | 3050 | 10.0 | 34.0 | 10.0 | 3050 | .48 | .65 | .82 | 1.00 | 3050 | 10.6 | 36.2 | 10.6 | 2730 | .48 | .65 | .82 | 1.00 | 2730 | 10.6 | 36.2 | 10.6 | 2730 | .47 | .64 | .79 | 1.00 | 2730 | 11.3 | 38.5 | 11.3 | 2420 | .47 | .62 | .77 | 1.00 | 2420 | 11.9 | 40.5 | 11.9 | 2130 | .47 | .62 | .77 | 1.00 | 2130 | 12.1 | 41.2 | 12.1 | 1830 | .46 | .60 | .74 | 1.00 | 1830 | 12.6 | 42.9 | 12.6 | 1530 | .46 | .60 | .74 | 1.00 | 1530 | 13.1 | 44.6 | 13.1 | 1230 | .46 | .60 | .74 | 1.00 | 1230 | 13.6 | 46.3 | 13.6 | 930 | .46 | .60 | .74 | 1.00 | 930 | 14.1 | 48.0 | 14.1 | 630 | .46 | .60 | .74 | 1.00 | 630 | 14.6 | 49.7 | 14.6 | 330 | .46 | .60 | .74 | 1.00 | 330 | 15.1 | 51.4 | 15.1 | 30 | .46 | .60 | .74 | 1.00 | 30 | 15.6 | 53.1 | 15.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 16.1 | 54.8 | 16.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 16.6 | 56.5 | 16.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 17.1 | 58.2 | 17.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 17.6 | 59.9 | 17.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 18.1 | 61.6 | 18.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 18.6 | 63.3 | 18.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 19.1 | 65.0 | 19.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 19.6 | 66.7 | 19.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 20.1 | 68.4 | 20.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 20.6 | 70.1 | 20.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 21.1 | 71.8 | 21.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 21.6 | 73.5 | 21.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 22.1 | 75.2 | 22.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 22.6 | 76.9 | 22.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 23.1 | 78.6 | 23.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 23.6 | 80.3 | 23.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 24.1 | 82.0 | 24.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 24.6 | 83.7 | 24.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 25.1 | 85.4 | 25.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 25.6 | 87.1 | 25.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 26.1 | 88.8 | 26.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 26.6 | 90.5 | 26.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 27.1 | 92.2 | 27.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 27.6 | 93.9 | 27.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 28.1 | 95.6 | 28.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 28.6 | 97.3 | 28.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 29.1 | 99.0 | 29.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 29.6 | 100.7 | 29.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 30.1 | 102.4 | 30.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 30.6 | 104.1 | 30.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 31.1 | 105.8 | 31.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 31.6 | 107.5 | 31.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 32.1 | 109.2 | 32.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 32.6 | 110.9 | 32.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 33.1 | 112.6 | 33.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 33.6 | 114.3 | 33.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 34.1 | 116.0 | 34.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 34.6 | 117.7 | 34.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 35.1 | 119.4 | 35.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 35.6 | 121.1 | 35.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 36.1 | 122.8 | 36.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 36.6 | 124.5 | 36.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 37.1 | 126.2 | 37.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 37.6 | 127.9 | 37.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 38.1 | 129.6 | 38.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 38.6 | 131.3 | 38.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 39.1 | 133.0 | 39.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 39.6 | 134.7 | 39.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 40.1 | 136.4 | 40.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 40.6 | 138.1 | 40.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 41.1 | 139.8 | 41.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 41.6 | 141.5 | 41.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 42.1 | 143.2 | 42.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 42.6 | 144.9 | 42.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 43.1 | 146.6 | 43.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 43.6 | 148.3 | 43.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 44.1 | 150.0 | 44.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 44.6 | 151.7 | 44.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 45.1 | 153.4 | 45.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 45.6 | 155.1 | 45.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 46.1 | 156.8 | 46.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 46.6 | 158.5 | 46.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 47.1 | 160.2 | 47.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 47.6 | 161.9 | 47.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 48.1 | 163.6 | 48.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 48.6 | 165.3 | 48.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 49.1 | 167.0 | 49.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 49.6 | 168.7 | 49.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 50.1 | 170.4 | 50.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 50.6 | 172.1 | 50.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 51.1 | 173.8 | 51.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 51.6 | 175.5 | 51.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 52.1 | 177.2 | 52.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 52.6 | 178.9 | 52.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 53.1 | 180.6 | 53.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 53.6 | 182.3 | 53.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 54.1 | 184.0 | 54.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 54.6 | 185.7 | 54.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 55.1 | 187.4 | 55.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 55.6 | 189.1 | 55.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 56.1 | 190.8 | 56.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 56.6 | 192.5 | 56.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 57.1 | 194.2 | 57.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 57.6 | 195.9 | 57.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 58.1 | 197.6 | 58.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 58.6 | 199.3 | 58.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 59.1 | 201.0 | 59.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 59.6 | 202.7 | 59.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 60.1 | 204.4 | 60.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 60.6 | 206.1 | 60.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 61.1 | 207.8 | 61.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 61.6 | 209.5 | 61.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 62.1 | 211.2 | 62.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 62.6 | 212.9 | 62.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 63.1 | 214.6 | 63.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 63.6 | 216.3 | 63.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 64.1 | 218.0 | 64.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 64.6 | 219.7 | 64.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 65.1 | 221.4 | 65.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 65.6 | 223.1 | 65.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 66.1 | 224.8 | 66.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 66.6 | 226.5 | 66.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 67.1 | 228.2 | 67.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 67.6 | 229.9 | 67.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 68.1 | 231.6 | 68.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 68.6 | 233.3 | 68.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 69.1 | 235.0 | 69.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 69.6 | 236.7 | 69.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 70.1 | 238.4 | 70.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 70.6 | 240.1 | 70.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 71.1 | 241.8 | 71.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 71.6 | 243.5 | 71.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 72.1 | 245.2 | 72.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 72.6 | 246.9 | 72.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 73.1 | 248.6 | 73.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 73.6 | 250.3 | 73.6 | 0 | .46 | .60 | .74 | 1.00 | 0 | 74.1 | 252.0 | 74.1 | 0 | .46 | .60 | .74 | 1.00 | 0 | 74.6 | 253.7 | 74.6 | 0 | .46 | .60 | .74 | 1.00 | 0 |

COOLING PERFORMANCE EXTENDED RATINGS HRG1836S1P (3 TON MODE) - HCG36V1P - MINIMUM CAPACITY

| Indoor Wet Bulb Temperature | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-----|-----------------------------------------------|-----|------------------------|-------------|-------------------------------|-----------------|------------------------|------|-------------------------|-------------|-------------------------------|-----------------|------------------------|------|-------------------------|-------------|-------------------------------|-----------------|------------------------|------|-------------------------|-------------|-------------------------------|------|------|------|
| | | 75° F (23.9° C) | | | | | | 85° F (29.4° C) | | | | | | 95° F (35° C) | | | | | | 105° F (40.6° C) | | | | | | | |
| | | Total Air Volume | | Total Cooling Capacity | | Sensible To Total Ratio (S/T) | | Total Cooling Capacity | | Comp. Motor Waits Input | | Sensible To Total Ratio (S/T) | | Total Cooling Capacity | | Comp. Motor Waits Input | | Sensible To Total Ratio (S/T) | | Total Cooling Capacity | | Comp. Motor Waits Input | | Sensible To Total Ratio (S/T) | | | |
| cfm | L/s | kBtuh | kW | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | Indoor Dry Bulb | kBtuh | kW | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | Indoor Dry Bulb | kBtuh | kW | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | Indoor Dry Bulb | kBtuh | kW | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | | | |
| 59°F (15°C) | | 725 | 345 | 14.0 | 4.1 | 370 | 1.00 | 1.00 | 13.3 | 3.9 | 470 | 1.00 | 1.00 | 1.00 | 12.6 | 3.7 | 580 | 1.00 | 1.00 | 1.00 | 11.7 | 3.4 | 690 | 1.00 | 1.00 | 1.00 | |
| | | 830 | 390 | 14.5 | 4.2 | 360 | 1.00 | 1.00 | 13.8 | 4.0 | 460 | 1.00 | 1.00 | 1.00 | 13.0 | 3.8 | 570 | 1.00 | 1.00 | 1.00 | 12.1 | 3.5 | 680 | 1.00 | 1.00 | 1.00 | |
| | | 970 | 460 | 15.0 | 4.4 | 350 | 1.00 | 1.00 | 14.2 | 4.2 | 460 | 1.00 | 1.00 | 1.00 | 13.4 | 3.9 | 560 | 1.00 | 1.00 | 1.00 | 12.5 | 3.7 | 680 | 1.00 | 1.00 | 1.00 | |
| 63°F (17.2°C) | | 725 | 345 | 14.0 | 4.1 | 370 | 1.00 | 1.00 | 13.4 | 3.9 | 470 | 1.00 | 1.00 | 1.00 | 12.6 | 3.7 | 580 | 1.00 | 1.00 | 1.00 | 11.7 | 3.4 | 690 | 1.00 | 1.00 | 1.00 | |
| | | 830 | 390 | 14.5 | 4.2 | 360 | 1.00 | 1.00 | 13.8 | 4.0 | 460 | 1.00 | 1.00 | 1.00 | 13.0 | 3.8 | 570 | 1.00 | 1.00 | 1.00 | 12.1 | 3.5 | 680 | 1.00 | 1.00 | 1.00 | |
| | | 970 | 460 | 14.9 | 4.4 | 350 | 1.00 | 1.00 | 14.2 | 4.2 | 450 | 1.00 | 1.00 | 1.00 | 13.4 | 3.9 | 560 | 1.00 | 1.00 | 1.00 | 12.5 | 3.7 | 680 | 1.00 | 1.00 | 1.00 | |
| 67°F (19.4°C) | | 725 | 345 | 14.0 | 4.1 | 370 | .78 | 1.00 | 13.3 | 3.9 | 470 | .81 | 1.00 | 12.6 | 3.7 | 580 | .85 | 1.00 | 1.00 | 1.00 | 11.7 | 3.4 | 690 | .89 | 1.00 | 1.00 | |
| | | 830 | 390 | 14.5 | 4.2 | 360 | .82 | 1.00 | 13.8 | 4.0 | 460 | .85 | 1.00 | 13.0 | 3.8 | 570 | .90 | 1.00 | 1.00 | 1.00 | 12.1 | 3.5 | 680 | .95 | 1.00 | 1.00 | |
| | | 970 | 460 | 14.9 | 4.4 | 350 | .89 | 1.00 | 14.2 | 4.2 | 450 | .91 | 1.00 | 13.4 | 3.9 | 560 | .97 | 1.00 | 1.00 | 1.00 | 12.5 | 3.7 | 680 | 1.00 | 1.00 | 1.00 | |
| 71°F (21.7°C) | | 725 | 345 | 14.8 | 4.3 | 350 | .53 | .78 | 14.0 | 4.1 | 460 | .55 | .80 | 13.1 | 3.8 | 570 | .56 | .84 | 1.00 | 1.00 | 1.00 | 12.0 | 3.5 | 690 | .58 | 1.00 | 1.00 |
| | | 830 | 390 | 15.1 | 4.4 | 350 | .55 | .81 | 14.3 | 4.2 | 450 | .59 | .85 | 13.3 | 3.9 | 570 | .57 | .89 | 1.00 | 1.00 | 1.00 | 12.3 | 3.6 | 680 | .61 | 1.00 | 1.00 |
| | | 970 | 460 | 15.4 | 4.5 | 340 | .56 | .88 | 14.6 | 4.3 | 450 | .59 | .91 | 13.5 | 4.0 | 560 | .61 | .96 | 1.00 | 1.00 | 1.00 | 12.5 | 3.7 | 680 | .64 | 1.00 | 1.00 |

COOLING PERFORMANCE EXTENDED RATINGS HRG1860S1P (4 TON MODE) - HCG48V1P - MAXIMUM CAPACITY

| Indoor Wet Bulb Temperature | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-----|-----------------------------------------------|-----|------------------------|----------------|-------------------------|----------------|-------------------------------|----------------|----------------|------------------------|----------------|----------------|-------------------------|----------------|----------------|-------------------------------|----------------|----------------|------------------------|----------------|----------------|-------------------------|----------------|------|-------------------------------|------|------|------|------|------|------|------|
| | | 85° F (29.4° C) | | | | | | 95° F (35° C) | | | | | | 105° F (40.6° C) | | | | | | 115° F (46.1° C) | | | | | | 125° F (51.7° C) | | | | | | | |
| | | Total Air Volume | | Total Cooling Capacity | | Comp. Motor Watts Input | | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | | Comp. Motor Watts Input | | | Sensible To Total Ratio (S/T) | | | Total Cooling Capacity | | | Comp. Motor Watts Input | | | Sensible To Total Ratio (S/T) | | | | | | | |
| cfm | L/s | kBtu/h | kW | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | | | | | | | | | |
| 59°F (15°C) | | 1455 | 685 | 44.5 | 13.0 | 2780 | .95 | 1.00 | 1.00 | 42.5 | 12.5 | 3170 | .97 | 1.00 | 1.00 | 41.0 | 12.0 | 3640 | 1.00 | 1.00 | 1.00 | 39.0 | 11.4 | 4220 | 1.00 | 1.00 | 1.00 | 37.2 | 10.9 | 4950 | 1.00 | 1.00 | 1.00 |
| | | 1730 | 815 | 47.0 | 13.8 | 2790 | 1.00 | 1.00 | 1.00 | 45.0 | 13.2 | 3180 | 1.00 | 1.00 | 1.00 | 43.0 | 12.6 | 3660 | 1.00 | 1.00 | 1.00 | 41.0 | 12.0 | 4240 | 1.00 | 1.00 | 1.00 | 39.0 | 11.4 | 4960 | 1.00 | 1.00 | 1.00 |
| | | 1820 | 860 | 47.5 | 13.9 | 2790 | 1.00 | 1.00 | 1.00 | 45.5 | 13.3 | 3190 | 1.00 | 1.00 | 1.00 | 43.5 | 12.7 | 3660 | 1.00 | 1.00 | 1.00 | 41.5 | 12.2 | 4250 | 1.00 | 1.00 | 1.00 | 39.5 | 11.6 | 4990 | 1.00 | 1.00 | 1.00 |
| 63°F (17.2°C) | | 1455 | 685 | 46.0 | 13.5 | 2780 | .77 | .91 | 1.00 | 43.5 | 12.7 | 3180 | .78 | .94 | 1.00 | 41.5 | 12.2 | 3650 | .80 | .96 | 1.00 | 39.5 | 11.6 | 4230 | .82 | .99 | 1.00 | 37.2 | 10.9 | 4950 | .85 | 1.00 | 1.00 |
| | | 1730 | 815 | 47.5 | 13.9 | 2790 | .80 | .97 | 1.00 | 45.0 | 13.2 | 3180 | .83 | .99 | 1.00 | 43.0 | 12.6 | 3660 | .85 | 1.00 | 1.00 | 41.0 | 12.0 | 4250 | .87 | 1.00 | 1.00 | 39.0 | 11.4 | 4990 | .90 | 1.00 | 1.00 |
| | | 1820 | 860 | 48.0 | 14.1 | 2790 | .82 | .98 | 1.00 | 45.5 | 13.3 | 3190 | .84 | 1.00 | 1.00 | 43.5 | 12.7 | 3660 | .86 | 1.00 | 1.00 | 41.5 | 12.2 | 4250 | .89 | 1.00 | 1.00 | 39.5 | 11.6 | 4990 | .92 | 1.00 | 1.00 |
| 67°F (19.4°C) | | 1455 | 685 | 48.0 | 14.1 | 2790 | .60 | .74 | .88 | 46.0 | 13.5 | 3190 | .61 | .76 | .90 | 43.5 | 12.7 | 3660 | .63 | .78 | .93 | 41.5 | 12.2 | 4250 | .64 | .80 | .96 | 39.0 | 11.4 | 4880 | .65 | .82 | .99 |
| | | 1730 | 815 | 50.0 | 14.7 | 2790 | .63 | .78 | .93 | 47.5 | 13.9 | 3190 | .64 | .80 | .96 | 45.0 | 13.2 | 3670 | .65 | .82 | .99 | 42.5 | 12.5 | 4260 | .67 | .85 | 1.00 | 40.0 | 11.7 | 5000 | .68 | .88 | 1.00 |
| | | 1820 | 860 | 50.5 | 14.8 | 2790 | .64 | .79 | .95 | 48.0 | 14.1 | 3190 | .65 | .82 | .98 | 45.5 | 13.3 | 3670 | .66 | .84 | 1.00 | 43.0 | 12.6 | 4270 | .68 | .87 | 1.00 | 40.5 | 11.9 | 5010 | .69 | .90 | 1.00 |
| 71°F (21.7°C) | | 1455 | 685 | 50.5 | 14.8 | 2790 | .46 | .59 | .72 | 48.5 | 14.2 | 3190 | .45 | .59 | .73 | 46.0 | 13.5 | 3680 | .46 | .61 | .75 | 44.0 | 12.9 | 4280 | .47 | .62 | .77 | 41.5 | 12.2 | 5020 | .47 | .64 | .80 |
| | | 1730 | 815 | 52.0 | 15.2 | 2790 | .47 | .61 | .76 | 49.5 | 14.5 | 3200 | .47 | .63 | .78 | 47.5 | 13.9 | 3680 | .48 | .64 | .80 | 45.0 | 13.2 | 4280 | .49 | .65 | .83 | 42.5 | 12.5 | 5040 | .49 | .68 | .85 |
| | | 1820 | 860 | 52.5 | 15.4 | 2800 | .47 | .62 | .77 | 50.0 | 14.7 | 3200 | .47 | .64 | .79 | 47.5 | 13.9 | 3690 | .48 | .65 | .82 | 45.0 | 13.2 | 4290 | .49 | .66 | .84 | 42.5 | 12.5 | 5030 | .50 | .69 | .87 |

COOLING PERFORMANCE EXTENDED RATINGS HRG1860S1P (4 TON MODE) - HCG48V1P - INTERMEDIATE CAPACITY

| Indoor Wet Bulb Temperature | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-----|-----------------------------------------------|-----|------------------------|----------------|-------------------------------|----------------|-------------------------|----------------|------------------------|----------------|-------------------------------|----------------|-------------------------|----------------|------------------------|----------------|-------------------------------|----------------|-------------------------|----------------|------------------------|----------------|-------------------------------|----------------|-------------------------|----------------|-----|------|------|------|------|
| | | 85° F (29.4° C) | | | | | | 95° F (35° C) | | | | | | 105° F (40.6° C) | | | | | | 115° F (46.1° C) | | | | | | 125° F (51.7° C) | | | | | | |
| | | Total Air Volume | | Total Cooling Capacity | | Sensible To Total Ratio (S/T) | | Comp. Motor Watts Input | | Total Cooling Capacity | | Sensible To Total Ratio (S/T) | | Comp. Motor Watts Input | | Total Cooling Capacity | | Sensible To Total Ratio (S/T) | | Comp. Motor Watts Input | | Total Cooling Capacity | | Sensible To Total Ratio (S/T) | | Comp. Motor Watts Input | | | | | | |
| cfm | L/s | kBtu/h | kW | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | | | | | |
| 59°F (15°C) | | 1040 | 490 | 31.8 | 9.3 | 1350 | .96 | 1.00 | 1.00 | 30.6 | 9.0 | 1610 | .98 | 1.00 | 1.00 | 29.4 | 8.6 | 1880 | 1.00 | 1.00 | 28.0 | 8.2 | 2180 | 1.00 | 1.00 | 1.00 | 26.6 | 7.8 | 2530 | 1.00 | 1.00 | 1.00 |
| | | 1200 | 565 | 33.4 | 9.8 | 1340 | 1.00 | 1.00 | 1.00 | 32.0 | 9.4 | 1600 | 1.00 | 1.00 | 1.00 | 30.6 | 9.0 | 1870 | 1.00 | 1.00 | 29.2 | 8.6 | 2170 | 1.00 | 1.00 | 1.00 | 27.6 | 8.1 | 2530 | 1.00 | 1.00 | 1.00 |
| | | 1285 | 605 | 33.8 | 9.9 | 1330 | 1.00 | 1.00 | 1.00 | 32.4 | 9.5 | 1600 | 1.00 | 1.00 | 1.00 | 31.2 | 9.1 | 1870 | 1.00 | 1.00 | 29.8 | 8.7 | 2170 | 1.00 | 1.00 | 1.00 | 28.2 | 8.3 | 2520 | 1.00 | 1.00 | 1.00 |
| 69°F (17.2°C) | | 1040 | 490 | 32.6 | 9.6 | 1340 | .78 | .93 | 1.00 | 31.2 | 9.1 | 1610 | .79 | .95 | 1.00 | 29.6 | 8.7 | 1880 | .81 | .97 | 28.0 | 8.2 | 2180 | .83 | 1.00 | 1.00 | 26.6 | 7.8 | 2530 | .86 | 1.00 | 1.00 |
| | | 1200 | 565 | 33.6 | 9.8 | 1340 | .80 | .97 | 1.00 | 32.2 | 9.4 | 1600 | .83 | 1.00 | 1.00 | 30.6 | 9.0 | 1870 | .85 | 1.00 | 29.2 | 8.6 | 2170 | .87 | 1.00 | 1.00 | 27.6 | 8.1 | 2530 | .91 | 1.00 | 1.00 |
| | | 1285 | 605 | 34.0 | 10.0 | 1330 | .83 | 1.00 | 1.00 | 32.6 | 9.6 | 1600 | .84 | 1.00 | 1.00 | 31.2 | 9.1 | 1870 | .87 | 1.00 | 29.8 | 8.7 | 2170 | .90 | 1.00 | 1.00 | 28.0 | 8.2 | 2520 | .93 | 1.00 | 1.00 |
| 67°F (19.4°C) | | 1040 | 490 | 34.2 | 10.0 | 1330 | .61 | .75 | .89 | 32.8 | 9.6 | 1600 | .62 | .77 | .91 | 31.2 | 9.1 | 1870 | .63 | .78 | 29.6 | 8.7 | 2170 | .64 | .81 | .97 | 27.8 | 8.1 | 2520 | .66 | .83 | 1.00 |
| | | 1200 | 565 | 35.2 | 10.3 | 1320 | .63 | .78 | .94 | 33.8 | 9.9 | 1590 | .63 | .80 | .97 | 32.0 | 9.4 | 1860 | .64 | .82 | 30.4 | 8.9 | 2160 | .67 | .85 | 1.00 | 28.4 | 8.3 | 2520 | .69 | .89 | 1.00 |
| | | 1285 | 605 | 35.6 | 10.4 | 1320 | .63 | .80 | .96 | 34.0 | 10.0 | 1580 | .65 | .82 | .99 | 32.4 | 9.5 | 1860 | .66 | .84 | 30.8 | 9.0 | 2160 | .68 | .87 | 1.00 | 28.8 | 8.4 | 2510 | .70 | .91 | 1.00 |
| 71°F (21.7°C) | | 1040 | 490 | 35.6 | 10.4 | 1320 | .46 | .59 | .73 | 34.2 | 10.0 | 1580 | .46 | .61 | .74 | 32.6 | 9.6 | 1850 | .47 | .62 | 31.0 | 9.1 | 2160 | .47 | .63 | .78 | 29.2 | 8.6 | 2510 | .47 | .65 | .81 |
| | | 1200 | 565 | 36.6 | 10.7 | 1310 | .46 | .62 | .76 | 35.2 | 10.3 | 1570 | .47 | .62 | .77 | 33.4 | 9.8 | 1850 | .48 | .64 | 31.8 | 9.3 | 2150 | .47 | .66 | .83 | 29.8 | 8.7 | 2500 | .49 | .68 | .86 |
| | | 1285 | 605 | 37.0 | 10.8 | 1310 | .47 | .62 | .77 | 35.4 | 10.4 | 1570 | .47 | .64 | .80 | 33.8 | 9.9 | 1840 | .48 | .64 | 32.0 | 9.4 | 2140 | .49 | .67 | .85 | 30.2 | 8.9 | 2500 | .50 | .69 | .88 |

COOLING PERFORMANCE EXTENDED RATINGS HRG1860S1P (4 TON MODE) - HCG48V1P - MINIMUM CAPACITY

| Indoor Wet Bulb Temperature | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|------|-----------------------------------------------|------|------------------------|-------------|-------------------------------|-----------------|--------------------------|-------------|------------------------|-----------------|-------------------------------|-------------|--------------------------|-----------------|------------------------|-------------|-------------------------------|-----------------|--------------------------|-------------|------------------------|-----------------|-------------------------------|------|
| | | 75° F (23.9° C) | | | | | | 85° F (29.4° C) | | | | | | 95° F (35° C) | | | | | | 105° F (40.6° C) | | | | | |
| | | Total Air Volume | | Total Cooling Capacity | | Sensible To Total Ratio (S/T) | | Comp. Motor, Watts Input | | Total Cooling Capacity | | Sensible To Total Ratio (S/T) | | Comp. Motor, Watts Input | | Total Cooling Capacity | | Sensible To Total Ratio (S/T) | | Comp. Motor, Watts Input | | Total Cooling Capacity | | Sensible To Total Ratio (S/T) | |
| cfm | L/s | kBtuh | kW | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | Indoor Dry Bulb | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | Indoor Dry Bulb | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | Indoor Dry Bulb | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | Indoor Dry Bulb | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | Indoor Dry Bulb | | |
| 59°F (15°C) | 1040 | 490 | 25.0 | 7.3 | 820 | 1.00 | 1.00 | 1.00 | 23.8 | 7.0 | 1050 | 1.00 | 1.00 | 1.00 | 22.6 | 6.6 | 1280 | 1.00 | 1.00 | 1.00 | 21.4 | 6.3 | 1510 | 1.00 | 1.00 |
| | 1200 | 565 | 25.8 | 7.6 | 820 | 1.00 | 1.00 | 1.00 | 24.6 | 7.2 | 1050 | 1.00 | 1.00 | 1.00 | 23.6 | 6.9 | 1290 | 1.00 | 1.00 | 1.00 | 22.2 | 6.5 | 1520 | 1.00 | 1.00 |
| | 1285 | 605 | 26.2 | 7.7 | 820 | 1.00 | 1.00 | 1.00 | 25.0 | 7.3 | 1060 | 1.00 | 1.00 | 1.00 | 23.8 | 7.0 | 1300 | 1.00 | 1.00 | 1.00 | 22.6 | 6.6 | 1530 | 1.00 | 1.00 |
| 63°F (17.2°C) | 1040 | 490 | 25.0 | 7.3 | 820 | .89 | 1.00 | 1.00 | 23.8 | 7.0 | 1050 | .92 | 1.00 | 1.00 | 22.8 | 6.7 | 1280 | .95 | 1.00 | 1.00 | 21.6 | 6.3 | 1510 | .99 | 1.00 |
| | 1200 | 565 | 25.8 | 7.6 | 820 | .94 | 1.00 | 1.00 | 24.6 | 7.2 | 1050 | .97 | 1.00 | 1.00 | 23.6 | 6.9 | 1290 | 1.00 | 1.00 | 1.00 | 22.2 | 6.5 | 1520 | 1.00 | 1.00 |
| | 1285 | 605 | 26.2 | 7.7 | 820 | .97 | 1.00 | 1.00 | 25.0 | 7.3 | 1060 | .99 | 1.00 | 1.00 | 23.8 | 7.0 | 1300 | 1.00 | 1.00 | 1.00 | 22.6 | 6.6 | 1530 | 1.00 | 1.00 |
| 67°F (19.4°C) | 1040 | 490 | 25.8 | 7.6 | 820 | .68 | .87 | 1.00 | 24.6 | 7.2 | 1050 | .69 | .90 | 1.00 | 23.2 | 6.8 | 1290 | .71 | .93 | 1.00 | 21.8 | 6.4 | 1520 | .74 | .96 |
| | 1200 | 565 | 26.4 | 7.7 | 820 | .70 | .92 | 1.00 | 25.0 | 7.3 | 1060 | .72 | .95 | 1.00 | 23.6 | 6.9 | 1290 | .75 | .98 | 1.00 | 22.2 | 6.5 | 1520 | .77 | 1.00 |
| | 1285 | 605 | 26.6 | 7.8 | 820 | .72 | .94 | 1.00 | 25.2 | 7.4 | 1060 | .74 | .97 | 1.00 | 23.8 | 7.0 | 1300 | .76 | 1.00 | 1.00 | 22.6 | 6.6 | 1530 | .79 | 1.00 |
| 71°F (21.7°C) | 1040 | 490 | 27.0 | 7.9 | 820 | .48 | .67 | .84 | 25.8 | 7.6 | 1060 | .49 | .69 | .87 | 24.4 | 7.2 | 1300 | .50 | .70 | .90 | 23.0 | 6.7 | 1530 | .51 | .73 |
| | 1200 | 565 | 27.6 | 8.1 | 830 | .50 | .70 | .90 | 26.2 | 7.7 | 1070 | .50 | .72 | .93 | 24.8 | 7.3 | 1310 | .52 | .74 | .96 | 23.4 | 6.9 | 1540 | .53 | .76 |
| | 1285 | 605 | 27.8 | 8.1 | 830 | .50 | .71 | .92 | 26.4 | 7.7 | 1070 | .51 | .73 | .95 | 25.0 | 7.3 | 1310 | .52 | .76 | .99 | 23.6 | 6.9 | 1550 | .54 | .79 |

COOLING PERFORMANCE EXTENDED RATINGS HRG1860S1P (5 TON MODE) - HCG60V1P - MAXIMUM CAPACITY

| Indoor Wet Bulb Temperature | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|------|-----------------------------------------------|------|------------------------|----------------|-------------------------------|----------------|-------------------------|----------------|------------------------|----------------|-------------------------------|----------------|-------------------------|----------------|------------------------|----------------|-------------------------------|----------------|-------------------------|----------------|------------------------|----------------|-------------------------------|------|-------------------------|------|------|------|------|------|------|------|------|------|
| | | 85° F (29.4° C) | | | | | | 95° F (35° C) | | | | | | 105° F (40.6° C) | | | | | | 115° F (46.1° C) | | | | | | 125° F (51.7° C) | | | | | | | | | |
| | | Total Air Volume | | Total Cooling Capacity | | Sensible to Total Ratio (S/T) | | Comp. Motor Watts Input | | Total Cooling Capacity | | Sensible to Total Ratio (S/T) | | Comp. Motor Watts Input | | Total Cooling Capacity | | Sensible to Total Ratio (S/T) | | Comp. Motor Watts Input | | Total Cooling Capacity | | Sensible to Total Ratio (S/T) | | Comp. Motor Watts Input | | | | | | | | | |
| cfm | L/s | kBtu/h | kW | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | | | | | | | | | | | |
| 59°F (15°C) | 1605 | 755 | 53.5 | 15.7 | 3760 | .90 | 1.00 | 1.00 | .92 | 1.00 | 1.00 | 1.00 | 4240 | .92 | 1.00 | 1.00 | 49.0 | 14.4 | 4810 | .95 | 1.00 | 1.00 | 47.0 | 13.8 | 5500 | .98 | 1.00 | 1.00 | 44.0 | 12.9 | 6340 | 1.00 | 1.00 | 1.00 | 1.00 |
| | 1840 | 865 | 56.0 | 16.4 | 3780 | .94 | 1.00 | 1.00 | .96 | 1.00 | 1.00 | 1.00 | 4260 | .96 | 1.00 | 1.00 | 51.5 | 15.1 | 4840 | .99 | 1.00 | 1.00 | 48.5 | 14.2 | 5540 | 1.00 | 1.00 | 1.00 | 46.0 | 13.5 | 6390 | 1.00 | 1.00 | 1.00 | 1.00 |
| | 2030 | 960 | 57.5 | 16.9 | 3800 | .97 | 1.00 | 1.00 | .99 | 1.00 | 1.00 | 1.00 | 4280 | .99 | 1.00 | 1.00 | 53.0 | 15.5 | 4860 | 1.00 | 1.00 | 1.00 | 50.0 | 14.7 | 5570 | 1.00 | 1.00 | 1.00 | 47.0 | 13.8 | 6420 | 1.00 | 1.00 | 1.00 | 1.00 |
| 63°F (17.2°C) | 1605 | 755 | 56.0 | 16.4 | 3780 | .73 | .87 | .99 | .75 | .89 | 1.00 | 1.00 | 4260 | .75 | .89 | 1.00 | 50.5 | 14.8 | 4830 | .77 | .91 | 1.00 | 47.5 | 13.9 | 5520 | .78 | .94 | 1.00 | 44.5 | 13.0 | 6350 | .82 | .98 | 1.00 | 1.00 |
| | 1840 | 865 | 57.5 | 16.9 | 3800 | .76 | .90 | 1.00 | .78 | .93 | 1.00 | 1.00 | 4270 | .78 | .93 | 1.00 | 52.0 | 15.2 | 4850 | .80 | .96 | 1.00 | 49.0 | 14.4 | 5550 | .82 | .99 | 1.00 | 46.0 | 13.5 | 6390 | .85 | 1.00 | 1.00 | 1.00 |
| | 2030 | 960 | 59.0 | 17.3 | 3800 | .78 | .94 | 1.00 | .80 | .96 | 1.00 | 1.00 | 4280 | .80 | .96 | 1.00 | 53.5 | 15.7 | 4860 | .82 | .99 | 1.00 | 50.0 | 14.7 | 5570 | .85 | 1.00 | 1.00 | 47.0 | 13.8 | 6420 | .88 | 1.00 | 1.00 | 1.00 |
| 67°F (19.4°C) | 1605 | 755 | 59.0 | 17.3 | 3800 | .59 | .71 | .83 | .59 | .73 | .85 | 1.00 | 4290 | .59 | .73 | .85 | 53.5 | 15.7 | 4870 | .60 | .74 | .88 | 50.5 | 14.8 | 5570 | .61 | .76 | .90 | 47.0 | 13.8 | 6420 | .63 | .79 | .94 | 1.00 |
| | 1840 | 865 | 60.5 | 17.7 | 3820 | .61 | .74 | .87 | .61 | .75 | .89 | 1.00 | 4300 | .61 | .75 | .89 | 55.0 | 16.1 | 4890 | .62 | .77 | .92 | 52.0 | 15.2 | 5600 | .63 | .80 | .95 | 48.5 | 14.2 | 6450 | .65 | .83 | .99 | 1.00 |
| | 2030 | 960 | 62.0 | 18.2 | 3830 | .61 | .76 | .90 | .62 | .78 | .92 | 1.00 | 4310 | .62 | .78 | .92 | 56.0 | 16.4 | 4900 | .64 | .80 | .95 | 53.0 | 15.5 | 5610 | .65 | .82 | .99 | 49.0 | 14.4 | 6470 | .67 | .86 | 1.00 | 1.00 |
| 71°F (21.7°C) | 1605 | 755 | 62.5 | 18.3 | 3830 | .45 | .57 | .68 | .45 | .58 | .70 | 1.00 | 4320 | .45 | .58 | .70 | 56.5 | 16.6 | 4910 | .45 | .59 | .72 | 53.5 | 15.7 | 5630 | .46 | .60 | .74 | 50.0 | 14.7 | 6500 | .47 | .62 | .76 | 1.00 |
| | 1840 | 865 | 64.5 | 18.9 | 3840 | .46 | .59 | .71 | .46 | .60 | .73 | 1.00 | 4330 | .46 | .60 | .73 | 58.5 | 17.1 | 4930 | .46 | .61 | .75 | 55.0 | 16.1 | 5660 | .47 | .62 | .77 | 51.0 | 14.9 | 6530 | .48 | .64 | .80 | 1.00 |
| | 2030 | 960 | 65.5 | 19.2 | 3840 | .46 | .60 | .73 | .46 | .61 | .75 | 1.00 | 4340 | .46 | .61 | .75 | 59.5 | 17.4 | 4940 | .47 | .62 | .77 | 56.0 | 16.4 | 5670 | .48 | .64 | .80 | 52.0 | 15.2 | 6550 | .48 | .66 | .83 | 1.00 |

COOLING PERFORMANCE EXTENDED RATINGS HRG1860S1P (5 TON MODE) - HCG60V1P - INTERMEDIATE CAPACITY

| Indoor Wet Bulb Temperature | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|------|-----------------------------------------------|------|-------|-------------------------------|----------------|----------------|-------------------------|----------------|----------------|------------------------|----------------|----------------|-------------------------------|----------------|----------------|-------------------------|----------------|----------------|------------------------|----------------|----------------|-------------------------------|----------------|----------------|-------------------------|----------------|----------------|------------------------|----------------|----------------|-------------------------------|--|--|-------------------------|--|--|
| | | 85° F (29.4° C) | | | | | | 95° F (35° C) | | | | | | 105° F (40.6° C) | | | | | | 115° F (46.1° C) | | | | | | 125° F (51.7° C) | | | | | | | | | | | |
| | | Total Cooling Capacity | | | Sensible To Total Ratio (S/T) | | | Comp. Motor Watts Input | | | Total Cooling Capacity | | | Sensible To Total Ratio (S/T) | | | Comp. Motor Watts Input | | | Total Cooling Capacity | | | Sensible To Total Ratio (S/T) | | | Comp. Motor Watts Input | | | Total Cooling Capacity | | | Sensible To Total Ratio (S/T) | | | Comp. Motor Watts Input | | |
| | | cfm | L/s | kBtuh | kW | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | 75°F 23.9°C | 80°F 26.7°C | 85°F 29.4°C | | | | | |
| 59°F (15°C) | 1110 | 525 | 34.6 | 10.1 | 1570 | .95 | 1.00 | 1.00 | 33.4 | 9.8 | 1840 | .98 | 1.00 | 1.00 | 32.0 | 9.4 | 2130 | 1.00 | 1.00 | 1.00 | 30.8 | 9.0 | 2450 | 1.00 | 1.00 | 1.00 | 29.4 | 8.6 | 2850 | 1.00 | 1.00 | 1.00 | | | | | |
| | 1210 | 570 | 35.6 | 10.4 | 1570 | .98 | 1.00 | 1.00 | 34.2 | 10.0 | 1840 | 1.00 | 1.00 | 1.00 | 32.8 | 9.6 | 2120 | 1.00 | 1.00 | 1.00 | 31.6 | 9.3 | 2450 | 1.00 | 1.00 | 1.00 | 30.2 | 8.9 | 2840 | 1.00 | 1.00 | 1.00 | | | | | |
| | 1380 | 650 | 37.0 | 10.8 | 1560 | 1.00 | 1.00 | 1.00 | 35.6 | 10.4 | 1830 | 1.00 | 1.00 | 1.00 | 34.2 | 10.0 | 2120 | 1.00 | 1.00 | 1.00 | 32.8 | 9.6 | 2440 | 1.00 | 1.00 | 1.00 | 31.2 | 9.1 | 2830 | 1.00 | 1.00 | 1.00 | | | | | |
| 63°F (17.2°C) | 1110 | 525 | 35.6 | 10.4 | 1570 | .77 | .92 | 1.00 | 34.0 | 10.0 | 1840 | .79 | .94 | 1.00 | 32.4 | 9.5 | 2130 | .81 | .97 | 1.00 | 31.0 | 9.1 | 2460 | .83 | .99 | 1.00 | 29.4 | 8.6 | 2840 | .85 | 1.00 | 1.00 | | | | | |
| | 1210 | 570 | 36.2 | 10.6 | 1560 | .79 | .95 | 1.00 | 34.6 | 10.1 | 1840 | .81 | .97 | 1.00 | 33.0 | 9.7 | 2120 | .83 | 1.00 | 1.00 | 31.6 | 9.3 | 2450 | .85 | 1.00 | 1.00 | 30.2 | 8.9 | 2840 | .87 | 1.00 | 1.00 | | | | | |
| | 1380 | 650 | 37.2 | 10.9 | 1560 | .83 | .99 | 1.00 | 35.6 | 10.4 | 1830 | .85 | 1.00 | 1.00 | 34.2 | 10.0 | 2120 | .87 | 1.00 | 1.00 | 32.8 | 9.6 | 2450 | .89 | 1.00 | 1.00 | 31.4 | 9.2 | 2840 | .92 | 1.00 | 1.00 | | | | | |
| 67°F (19.4°C) | 1110 | 525 | 37.4 | 11.0 | 1550 | .60 | .75 | .88 | 35.8 | 10.5 | 1820 | .62 | .76 | .91 | 34.2 | 10.0 | 2120 | .63 | .78 | .83 | 32.6 | 9.6 | 2450 | .64 | .80 | .96 | 31.0 | 9.1 | 2840 | .65 | .82 | .99 | | | | | |
| | 1210 | 570 | 38.0 | 11.1 | 1550 | .62 | .77 | .91 | 36.4 | 10.7 | 1820 | .63 | .79 | .94 | 34.8 | 10.2 | 2110 | .64 | .81 | .87 | 33.2 | 9.7 | 2440 | .65 | .83 | .99 | 31.6 | 9.3 | 2840 | .67 | .85 | 1.00 | | | | | |
| | 1380 | 650 | 39.0 | 11.4 | 1540 | .64 | .80 | .96 | 37.2 | 10.9 | 1810 | .65 | .82 | .99 | 35.6 | 10.4 | 2110 | .66 | .84 | 1.00 | 34.0 | 10.0 | 2440 | .68 | .87 | 1.00 | 32.2 | 9.4 | 2830 | .69 | .89 | 1.00 | | | | | |
| 71°F (21.7°C) | 1110 | 525 | 39.5 | 11.6 | 1530 | .45 | .58 | .72 | 37.6 | 11.0 | 1810 | .45 | .60 | .74 | 36.0 | 10.6 | 2100 | .46 | .61 | .76 | 34.4 | 10.1 | 2430 | .47 | .63 | .78 | 32.8 | 9.6 | 2830 | .47 | .64 | .80 | | | | | |
| | 1210 | 570 | 40.0 | 11.7 | 1530 | .45 | .61 | .75 | 38.0 | 11.1 | 1800 | .47 | .62 | .76 | 36.6 | 10.7 | 2100 | .47 | .63 | .78 | 35.0 | 10.3 | 2430 | .48 | .64 | .80 | 33.4 | 9.8 | 2820 | .48 | .66 | .83 | | | | | |
| | 1380 | 650 | 41.0 | 12.0 | 1520 | .47 | .63 | .78 | 39.0 | 11.4 | 1790 | .48 | .64 | .80 | 37.4 | 11.0 | 2090 | .48 | .66 | .82 | 35.6 | 10.4 | 2420 | .48 | .67 | .84 | 34.0 | 10.0 | 2810 | .49 | .69 | .87 | | | | | |

COOLING PERFORMANCE EXTENDED RATINGS HRG1860S1P (5 TON MODE) - HCG60V1P - MINIMUM CAPACITY

| Indoor Wet Bulb Temperature | | Outdoor Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|------|-----------------------------------------------|------|------------------------|---------------|-------------------------------|-------|------------------------|---------------|-------------------------------|---------------|-------------------------|------|------------------------|---------------|-------------------------------|-------|-------------------------|---------------|------------------------|---------------|-------------------------------|------|-------------------------|---------------|---------------|------|
| | | 75° F (23.9° C) | | | | | | 85° F (29.4° C) | | | | | | 95° F (35° C) | | | | | | 105° F (40.6° C) | | | | | | | |
| | | Total Air Volume | | Total Cooling Capacity | | Sensible To Total Ratio (S/T) | | Total Cooling Capacity | | Sensible To Total Ratio (S/T) | | Comp. Motor Watts Input | | Total Cooling Capacity | | Sensible To Total Ratio (S/T) | | Comp. Motor Watts Input | | Total Cooling Capacity | | Sensible To Total Ratio (S/T) | | Comp. Motor Watts Input | | | |
| cfm | L/s | kBtuh | kW | 75° F 23.9° C | 80° F 26.7° C | 85° F 29.4° C | kBtuh | kW | 75° F 23.9° C | 80° F 26.7° C | 85° F 29.4° C | kBtuh | kW | 75° F 23.9° C | 80° F 26.7° C | 85° F 29.4° C | kBtuh | kW | 75° F 23.9° C | 80° F 26.7° C | 85° F 29.4° C | kBtuh | kW | 75° F 23.9° C | 80° F 26.7° C | 85° F 29.4° C | |
| 59°F (15°C) | 1110 | 525 | 24.6 | 7.2 | 880 | 1.00 | 1.00 | 23.4 | 6.9 | 1110 | 1.00 | 1.00 | 22.2 | 6.5 | 1340 | 1.00 | 1.00 | 21.0 | 6.2 | 1560 | 1.00 | 1.00 | 21.0 | 6.2 | 1560 | 1.00 | 1.00 |
| | 1210 | 570 | 25.2 | 7.4 | 890 | 1.00 | 1.00 | 24.0 | 7.0 | 1120 | 1.00 | 1.00 | 22.8 | 6.7 | 1350 | 1.00 | 1.00 | 21.6 | 6.3 | 1570 | 1.00 | 1.00 | 21.6 | 6.3 | 1570 | 1.00 | 1.00 |
| | 1380 | 650 | 26.0 | 7.6 | 890 | 1.00 | 1.00 | 24.6 | 7.2 | 1130 | 1.00 | 1.00 | 23.4 | 6.9 | 1360 | 1.00 | 1.00 | 22.2 | 6.5 | 1580 | 1.00 | 1.00 | 22.2 | 6.5 | 1580 | 1.00 | 1.00 |
| 63°F (17.2°C) | 1110 | 525 | 24.6 | 7.2 | 880 | .94 | 1.00 | 23.4 | 6.9 | 1110 | .97 | 1.00 | 22.2 | 6.5 | 1340 | 1.00 | 1.00 | 21.0 | 6.2 | 1560 | 1.00 | 1.00 | 21.0 | 6.2 | 1560 | 1.00 | 1.00 |
| | 1210 | 570 | 25.2 | 7.4 | 890 | .98 | 1.00 | 24.0 | 7.0 | 1120 | 1.00 | 1.00 | 22.8 | 6.7 | 1350 | 1.00 | 1.00 | 21.6 | 6.3 | 1570 | 1.00 | 1.00 | 21.6 | 6.3 | 1570 | 1.00 | 1.00 |
| | 1380 | 650 | 26.0 | 7.6 | 890 | 1.00 | 1.00 | 24.8 | 7.3 | 1130 | 1.00 | 1.00 | 23.4 | 6.9 | 1360 | 1.00 | 1.00 | 22.2 | 6.5 | 1580 | 1.00 | 1.00 | 22.2 | 6.5 | 1580 | 1.00 | 1.00 |
| 67°F (19.4°C) | 1110 | 525 | 25.2 | 7.4 | 890 | .70 | .92 | 23.8 | 7.0 | 1110 | .73 | .95 | 22.4 | 6.6 | 1340 | .75 | .98 | 21.2 | 6.2 | 1560 | .78 | 1.00 | 21.2 | 6.2 | 1560 | .78 | 1.00 |
| | 1210 | 570 | 25.4 | 7.4 | 890 | .73 | .96 | 24.0 | 7.0 | 1120 | .75 | .99 | 22.8 | 6.7 | 1350 | .78 | 1.00 | 21.6 | 6.3 | 1570 | .81 | 1.00 | 21.6 | 6.3 | 1570 | .81 | 1.00 |
| | 1380 | 650 | 26.0 | 7.6 | 890 | .77 | 1.00 | 24.8 | 7.3 | 1130 | .79 | 1.00 | 23.4 | 6.9 | 1360 | .82 | 1.00 | 22.2 | 6.5 | 1580 | .85 | 1.00 | 22.2 | 6.5 | 1580 | .85 | 1.00 |
| 71°F (21.7°C) | 1110 | 525 | 26.6 | 7.8 | 900 | .50 | .70 | 25.2 | 7.4 | 1130 | .51 | .72 | 23.6 | 6.9 | 1360 | .51 | .74 | 22.2 | 6.5 | 1590 | .52 | .96 | 22.2 | 6.5 | 1590 | .52 | .96 |
| | 1210 | 570 | 27.0 | 7.9 | 900 | .51 | .72 | 25.4 | 7.4 | 1140 | .51 | .74 | 24.0 | 7.0 | 1370 | .53 | .77 | 22.4 | 6.6 | 1590 | .54 | 1.00 | 22.4 | 6.6 | 1590 | .54 | 1.00 |
| | 1380 | 650 | 27.4 | 8.0 | 910 | .52 | .76 | 25.8 | 7.6 | 1140 | .53 | .79 | 24.4 | 7.2 | 1380 | .55 | .81 | 22.8 | 6.7 | 1600 | .56 | 1.00 | 22.8 | 6.7 | 1600 | .56 | 1.00 |

HEATING PERFORMANCE EXTENDED RATINGS

HRG1836S1P (2 TON MODE) - HCG24V1P - INDOOR COIL AT 65°F DRY BULB

MINIMUM CAPACITY

| Indoor Coil Air Volume 65°F db (28°C db) | | Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | |
|---------------------------------------------------|-----|---------------------------------------|-----|-------------------------|--|------------------------|-----|-------------------------|--|------------------------|-----|-------------------------|--|------------------------|-----|-------------------------|--|
| | | 65°F (18°C) | | | | 60°F (16°C) | | | | 55°F (13°C) | | | | 50°F (10°C) | | | |
| | | Total Heating Capacity | | Comp. Motor Watts Input | | Total Heating Capacity | | Comp. Motor Watts Input | | Total Heating Capacity | | Comp. Motor Watts Input | | Total Heating Capacity | | Comp. Motor Watts Input | |
| CFM | L/s | kBtuh | kW | Watts Input | | kBtuh | kW | Watts Input | | kBtuh | kW | Watts Input | | kBtuh | kW | Watts Input | |
| 450 | 210 | 11.7 | 3.4 | 510 | | 10.9 | 3.2 | 525 | | 10.1 | 3.0 | 535 | | 9.4 | 2.8 | 545 | |
| 600 | 285 | 11.9 | 3.5 | 460 | | 11.2 | 3.3 | 470 | | 10.4 | 3.0 | 485 | | 9.6 | 2.8 | 495 | |
| 700 | 330 | 12.3 | 3.6 | 435 | | 11.5 | 3.4 | 450 | | 10.8 | 3.2 | 460 | | 10.0 | 2.9 | 475 | |

MAXIMUM CAPACITY

| Indoor Coil Air Volume 65°F db (28°C db) | | Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | |
|---------------------------------------------------|-----|---------------------------------------|-----|-------------------------|--|------------------------|-----|-------------------------|--|------------------------|-----|-------------------------|--|------------------------|-----|-------------------------|--|------------------------|-----|-------------------------|--|
| | | 65°F (18°C) | | | | 45°F (7°C) | | | | 25°F (-4°C) | | | | 5°F (-15°C) | | | | -15°F (-28°C) | | | |
| | | Total Heating Capacity | | Comp. Motor Watts Input | | Total Heating Capacity | | Comp. Motor Watts Input | | Total Heating Capacity | | Comp. Motor Watts Input | | Total Heating Capacity | | Comp. Motor Watts Input | | Total Heating Capacity | | Comp. Motor Watts Input | |
| CFM | L/s | kBtuh | kW | Watts Input | | kBtuh | kW | Watts Input | | kBtuh | kW | Watts Input | | kBtuh | kW | Watts Input | | kBtuh | kW | Watts Input | |
| 670 | 315 | 31.1 | 9.1 | 2375 | | 24.9 | 7.3 | 2145 | | 18.7 | 5.5 | 1880 | | 11.9 | 3.5 | 1770 | | 5.8 | 1.7 | 1330 | |
| 820 | 385 | 31.7 | 9.3 | 2245 | | 25.5 | 7.5 | 2015 | | 19.3 | 5.7 | 1750 | | 12.5 | 3.7 | 1640 | | 6.4 | 1.9 | 1200 | |
| 1050 | 495 | 33.0 | 9.7 | 2125 | | 26.7 | 7.8 | 1895 | | 20.6 | 6.0 | 1630 | | 13.7 | 4.0 | 1520 | | 7.6 | 2.2 | 1080 | |

| Outdoor Temp. | °F | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 | -10 | -15 | -20 |
|---------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|
| | °C | 18 | 16 | 13 | 10 | 8 | 7 | 4 | 2 | -1 | -4 | -7 | -8 | -9 | -12 | -15 | -18 | -21 | -23 | -26 | -29 |
| Compressor Motor kW Input | | 2.25 | 2.2 | 2.16 | 2.11 | 2.09 | 2.02 | 1.85 | 1.68 | 1.72 | 1.75 | 1.79 | 1.82 | 1.8 | 1.75 | 1.64 | 1.53 | 1.42 | 1.31 | 1.2 | 1.09 |
| Total Output | kBtuh | 31.7 | 30.1 | 28.5 | 26.9 | 25.9 | 25.5 | 24.3 | 23.2 | 21.2 | 19.3 | 17.4 | 16.3 | 15.6 | 14 | 12.5 | 11 | 9.5 | 7.9 | 6.4 | 4.9 |
| | kW | 9.3 | 8.8 | 8.4 | 7.9 | 7.6 | 7.5 | 7.1 | 6.8 | 6.2 | 5.7 | 5.1 | 4.8 | 4.6 | 4.1 | 3.7 | 3.2 | 2.8 | 2.3 | 1.9 | 1.4 |

| | Inputs | | | | | |
|----------|-----------|--|----------|--|-----------|--|
| | Cap | | Watts | | Watts | |
| | Low | | Med | | High | |
| CFM | 450 | | 600 | | 700 | |
| 62°F Low | 11195.692 | | 518.136 | | 11459.247 | |
| 47°F Low | --- | | --- | | 9177.474 | |
| CFM | 670 | | 820 | | 1050 | |
| 47°F | 25316.816 | | 2212.971 | | 25946.339 | |
| 35°F | --- | | --- | | 23157.667 | |
| 17°F | --- | | --- | | 16283.057 | |



HEATING PERFORMANCE EXTENDED RATINGS

HRG1836S1P (2 TON MODE) - HCG24V1P - INDOOR COIL AT 70°F DRY BULB

MINIMUM CAPACITY

| Indoor Coil Air Volume 70°F db (28°C db) | | Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | |
|---------------------------------------------------|-----|---------------------------------------|-----|-------------------------|--|------------------------|-----|-------------------------|--|------------------------|-----|-------------------------|--|------------------------|-----|-------------------------|--|
| | | 65°F (18°C) | | | | 60°F (16°C) | | | | 55°F (13°C) | | | | 50°F (10°C) | | | |
| | | Total Heating Capacity | | Comp. Motor Watts Input | | Total Heating Capacity | | Comp. Motor Watts Input | | Total Heating Capacity | | Comp. Motor Watts Input | | Total Heating Capacity | | Comp. Motor Watts Input | |
| CFM | L/s | kBtuh | kW | Watts Input | | kBtuh | kW | Watts Input | | kBtuh | kW | Watts Input | | kBtuh | kW | Watts Input | |
| 450 | 210 | 11.4 | 3.3 | 555 | | 10.7 | 3.1 | 565 | | 10.0 | 2.9 | 580 | | 9.2 | 2.7 | 590 | |
| 600 | 285 | 11.7 | 3.4 | 505 | | 10.9 | 3.2 | 515 | | 10.2 | 3.0 | 525 | | 9.4 | 2.8 | 540 | |
| 700 | 330 | 12.1 | 3.5 | 480 | | 11.3 | 3.3 | 490 | | 10.6 | 3.1 | 505 | | 9.8 | 2.9 | 515 | |

MAXIMUM CAPACITY

| Indoor Coil Air Volume 70°F db (28°C db) | | Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | |
|---------------------------------------------------|-----|---------------------------------------|-----|-------------------------|--|------------------------|-----|-------------------------|--|------------------------|-----|-------------------------|--|------------------------|-----|-------------------------|--|------------------------|-----|-------------------------|--|
| | | 65°F (18°C) | | | | 45°F (7°C) | | | | 25°F (-4°C) | | | | 5°F (-15°C) | | | | -15°F (-28°C) | | | |
| | | Total Heating Capacity | | Comp. Motor Watts Input | | Total Heating Capacity | | Comp. Motor Watts Input | | Total Heating Capacity | | Comp. Motor Watts Input | | Total Heating Capacity | | Comp. Motor Watts Input | | Total Heating Capacity | | Comp. Motor Watts Input | |
| CFM | L/s | kBtuh | kW | Watts Input | | kBtuh | kW | Watts Input | | kBtuh | kW | Watts Input | | kBtuh | kW | Watts Input | | kBtuh | kW | Watts Input | |
| 670 | 315 | 30.5 | 8.9 | 2485 | | 24.4 | 7.2 | 2240 | | 18.4 | 5.4 | 1960 | | 11.7 | 3.4 | 1835 | | 5.7 | 1.7 | 1375 | |
| 820 | 385 | 31.1 | 9.1 | 2360 | | 25.0 | 7.3 | 2115 | | 19.0 | 5.6 | 1835 | | 12.3 | 3.6 | 1710 | | 6.3 | 1.8 | 1250 | |
| 1050 | 495 | 32.4 | 9.5 | 2240 | | 26.2 | 7.7 | 1990 | | 20.2 | 5.9 | 1710 | | 13.5 | 4.0 | 1590 | | 7.5 | 2.2 | 1130 | |

| Outdoor Temp. | °F | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 | -10 | -15 | -20 |
|---------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|
| | °C | 18 | 16 | 13 | 10 | 8 | 7 | 4 | 2 | -1 | -4 | -7 | -8 | -9 | -12 | -15 | -18 | -21 | -23 | -26 | -29 |
| Compressor Motor kW Input | | 2.36 | 2.31 | 2.27 | 2.22 | 2.19 | 2.12 | 1.94 | 1.76 | 1.8 | 1.84 | 1.87 | 1.9 | 1.88 | 1.83 | 1.71 | 1.6 | 1.48 | 1.37 | 1.25 | 1.14 |
| Total Output | kBtuh | 31.1 | 29.6 | 28 | 26.4 | 25.5 | 25 | 23.9 | 22.8 | 20.9 | 19 | 17.1 | 16 | 15.4 | 13.8 | 12.3 | 10.8 | 9.3 | 7.8 | 6.3 | 4.8 |
| | kW | 9.1 | 8.7 | 8.2 | 7.7 | 7.5 | 7.3 | 7.0 | 6.7 | 6.1 | 5.6 | 5.0 | 4.7 | 4.5 | 4.0 | 3.6 | 3.2 | 2.7 | 2.3 | 1.8 | 1.4 |

| | Inputs | | | | | |
|----------|-----------|--|----------|--|-----------|--|
| | Cap | | Watts | | Watts | |
| | Low | | Med | | High | |
| CFM | 450 | | 600 | | 700 | |
| 62°F Low | 10996.117 | | 561.174 | | 11206.555 | |
| 47°F Low | --- | | --- | | 8986.674 | |
| CFM | 670 | | 820 | | 1050 | |
| 47°F | 24866.759 | | 2310.575 | | 25466.795 | |
| 35°F | --- | | --- | | 22762.965 | |
| 17°F | --- | | --- | | 15999.268 | |



HEATING PERFORMANCE EXTENDED RATINGS

HRG1836S1P (2 TON MODE) - HCG24V1P - INDOOR COIL AT 75°F DRY BULB

MINIMUM CAPACITY

| Indoor Coil Air Volume 75°F db (28°C db) | | Air Temperature Entering Outdoor Coil | | | | | | | | | | | |
|---------------------------------------------------|-----|---------------------------------------|-----|----------------------------|------------------------|-------------|----------------------------|------------------------|-----|----------------------------|------------------------|-----|----------------------------|
| | | 65°F (18°C) | | 60°F (16°C) | | 55°F (13°C) | | 50°F (10°C) | | | | | |
| | | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input |
| CFM | L/s | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | |
| 450 | 210 | 11.2 | 3.3 | 600 | 10.4 | 3.0 | 610 | 9.7 | 2.8 | 620 | 9.0 | 2.6 | 630 |
| 600 | 285 | 11.4 | 3.3 | 550 | 10.7 | 3.1 | 560 | 10.0 | 2.9 | 570 | 9.2 | 2.7 | 580 |
| 700 | 330 | 11.8 | 3.5 | 525 | 11.1 | 3.3 | 535 | 10.4 | 3.0 | 545 | 9.6 | 2.8 | 560 |

MAXIMUM CAPACITY

| Indoor Coil Air Volume 75°F db (28°C db) | | Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | |
|---------------------------------------------------|-----|---------------------------------------|-----|----------------------------|------------------------|-------------|----------------------------|------------------------|-----|----------------------------|------------------------|-----|----------------------------|-----|-----|------|
| | | 65°F (18°C) | | 45°F (7°C) | | 25°F (-4°C) | | 5°F (-15°C) | | -15°F (-28°C) | | | | | | |
| | | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | | | |
| CFM | L/s | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | | | |
| 670 | 315 | 30.0 | 8.8 | 2600 | 24.0 | 7.0 | 2340 | 18.1 | 5.3 | 2050 | 11.5 | 3.4 | 1915 | 5.6 | 1.6 | 1435 |
| 820 | 385 | 30.6 | 9.0 | 2465 | 24.6 | 7.2 | 2210 | 18.7 | 5.5 | 1915 | 12.1 | 3.5 | 1785 | 6.2 | 1.8 | 1305 |
| 1050 | 495 | 31.8 | 9.3 | 2350 | 25.7 | 7.5 | 2090 | 19.9 | 5.8 | 1800 | 13.3 | 3.9 | 1665 | 7.4 | 2.2 | 1185 |

| Outdoor Temp. | °F | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 | -10 | -15 | -20 |
|---------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | °C | 18 | 16 | 13 | 10 | 8 | 7 | 4 | 2 | -1 | -4 | -7 | -8 | -9 | -12 | -15 | -18 | -21 | -23 | -26 | -29 |
| Compressor Motor kW Input | | 2.47 | 2.42 | 2.37 | 2.32 | 2.28 | 2.21 | 2.03 | 1.85 | 1.88 | 1.92 | 1.96 | 1.98 | 1.96 | 1.91 | 1.79 | 1.67 | 1.55 | 1.43 | 1.31 | 1.19 |
| Total Output | kBtuh | 30.6 | 29 | 27.5 | 25.9 | 25 | 24.6 | 23.5 | 22.4 | 20.5 | 18.7 | 16.8 | 15.7 | 15.1 | 13.6 | 12.1 | 10.6 | 9.1 | 7.7 | 6.2 | 4.7 |
| | kW | 9.0 | 8.5 | 8.1 | 7.6 | 7.3 | 7.2 | 6.9 | 6.6 | 6.0 | 5.5 | 4.9 | 4.6 | 4.4 | 4.0 | 3.5 | 3.1 | 2.7 | 2.3 | 1.8 | 1.4 |

| | Inputs | | | | | |
|----------|-----------|----------|-----------|----------|-----------|----------|
| | Cap | | Watts | | Watts | |
| | Low | | Med | | High | |
| CFM | 450 | | 600 | | 700 | |
| 62°F Low | 10728.34 | 607.19 | 10985.494 | 555.164 | 11399.664 | 532.507 |
| 47°F Low | --- | --- | 8781.391 | 586.687 | --- | --- |
| CFM | 670 | | 820 | | 1050 | |
| 47°F | 24402.674 | 2414.534 | 25006.736 | 2282.315 | 26185.427 | 2163.604 |
| 35°F | --- | --- | 22382.359 | 1842.622 | --- | --- |
| 17°F | --- | --- | 15729.358 | 1975.769 | --- | --- |



HEATING PERFORMANCE EXTENDED RATINGS

HRG1836S1P (3 TON MODE) - HCG36V1P - INDOOR COIL AT 65°F DRY BULB

MINIMUM CAPACITY

| Indoor Coil Air Volume 65°F db (28°C db) | | Air Temperature Entering Outdoor Coil | | | | | | | | | | | |
|---------------------------------------------------|-----|---------------------------------------|-----|-------------------------|------------------------|-----|-------------------------|------------------------|-----|-------------------------|------------------------|-----|-------------------------|
| | | 65°F (18°C) | | | 60°F (16°C) | | | 55°F (13°C) | | | 50°F (10°C) | | |
| | | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input |
| CFM | L/s | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | |
| 726 | 345 | 12.5 | 3.7 | 345 | 11.7 | 3.4 | 360 | 10.9 | 3.2 | 375 | 10.1 | 3.0 | 395 |
| 831 | 390 | 12.5 | 3.7 | 330 | 11.7 | 3.4 | 345 | 10.9 | 3.2 | 360 | 10.1 | 3.0 | 375 |
| 970 | 460 | 12.7 | 3.7 | 315 | 12.0 | 3.5 | 330 | 11.2 | 3.3 | 345 | 10.4 | 3.0 | 360 |

MAXIMUM CAPACITY

| Indoor Coil Air Volume 65°F db (28°C db) | | Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | |
|---------------------------------------------------|-----|---------------------------------------|------|-------------------------|------------------------|------------|-------------------------|------------------------|-----|-------------------------|------------------------|-----|-------------------------|------------------------|-----|-------------------------|---------------|----|--|
| | | 65°F (18°C) | | | | 45°F (7°C) | | | | 25°F (-4°C) | | | | 5°F (-15°C) | | | -15°F (-28°C) | | |
| | | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | | | |
| CFM | L/s | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | |
| 1050 | 495 | 41.8 | 12.3 | 2760 | 33.3 | 9.8 | 2435 | 24.7 | 7.2 | 2075 | 16.5 | 4.8 | 1880 | 8.1 | 2.4 | 1415 | | | |
| 1216 | 575 | 42.5 | 12.5 | 2665 | 33.9 | 9.9 | 2340 | 25.3 | 7.4 | 1980 | 17.1 | 5.0 | 1785 | 8.7 | 2.5 | 1315 | | | |
| 1385 | 655 | 43.4 | 12.7 | 2590 | 34.8 | 10.2 | 2265 | 26.2 | 7.7 | 1910 | 18.0 | 5.3 | 1715 | 9.6 | 2.8 | 1245 | | | |

| Outdoor Temp. | °F | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 | -10 | -15 | -20 |
|---------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
| | °C | 18 | 16 | 13 | 10 | 8 | 7 | 4 | 2 | -1 | -4 | -7 | -8 | -9 | -12 | -15 | -18 | -21 | -23 | -26 | -29 |
| Compressor Motor kW Input | 2.67 | 2.60 | 2.53 | 2.46 | 2.42 | 2.34 | 2.15 | 1.96 | 1.97 | 1.98 | 2.00 | 2.00 | 1.98 | 1.91 | 1.79 | 1.67 | 1.55 | 1.44 | 1.32 | 1.20 | |
| Total Output | kBtuh | 42.5 | 40.3 | 38.2 | 36.1 | 34.8 | 33.9 | 31.6 | 29.3 | 27.3 | 25.3 | 23.3 | 22.1 | 21.3 | 19.2 | 17.1 | 15 | 12.9 | 10.8 | 8.7 | 6.6 |
| | kW | 12.5 | 11.8 | 11.2 | 10.6 | 10.2 | 9.9 | 9.3 | 8.6 | 8.0 | 7.4 | 6.8 | 6.5 | 6.2 | 5.6 | 5.0 | 4.4 | 3.8 | 3.2 | 2.5 | 1.9 |

| | Inputs | | | | | | | |
|----------|-----------|--|----------|--|-----------|--|----------|--|
| | Cap | | Watts | | Cap | | Watts | |
| | Low | | Med | | High | | | |
| CFM | 726 | | 831 | | 970 | | | |
| 62°F Low | 12003.304 | | 355.082 | | 12006.137 | | 338.698 | |
| 47°F Low | --- | | --- | | 9670.622 | | 385.625 | |
| CFM | 1050 | | 1216 | | 1385 | | | |
| 47°F | 34200.948 | | 2510.592 | | 34836.619 | | 2414.633 | |
| 35°F | --- | | --- | | 29281.329 | | 1955.715 | |
| 17°F | --- | | --- | | 22139.648 | | 2000.225 | |



HEATING PERFORMANCE EXTENDED RATINGS

HRG1836S1P (3 TON MODE) - HCG36V1P - INDOOR COIL AT 70°F DRY BULB

MINIMUM CAPACITY

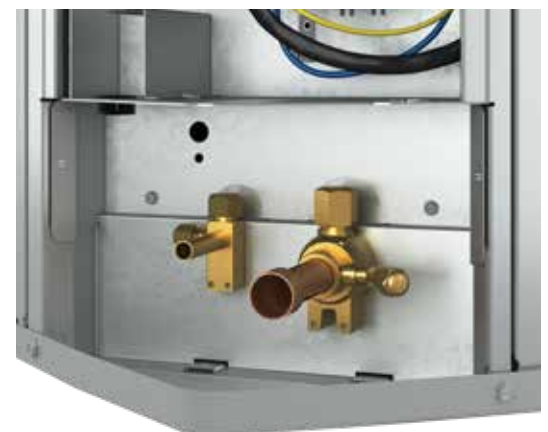
| Indoor Coil Air Volume 70°F db (28°C db) | | Air Temperature Entering Outdoor Coil | | | | | | | | | | | |
|---------------------------------------------------|-----|---------------------------------------|-----|-------------------------|------------------------|-----|-------------------------|------------------------|-----|-------------------------|------------------------|-----|-------------------------|
| | | 65°F (18°C) | | | 60°F (16°C) | | | 55°F (13°C) | | | 50°F (10°C) | | |
| | | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input |
| CFM | L/s | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | |
| 726 | 345 | 12.2 | 3.6 | 390 | 11.5 | 3.4 | 400 | 10.7 | 3.1 | 415 | 9.9 | 2.9 | 430 |
| 831 | 390 | 12.2 | 3.6 | 370 | 11.5 | 3.4 | 385 | 10.7 | 3.1 | 395 | 9.9 | 2.9 | 410 |
| 970 | 460 | 12.6 | 3.7 | 355 | 11.8 | 3.5 | 370 | 11.0 | 3.2 | 385 | 10.3 | 3.0 | 400 |

MAXIMUM CAPACITY

| Indoor Coil Air Volume 70°F db (28°C db) | | Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | |
|---------------------------------------------------|-----|---------------------------------------|------|-------------------------|------------------------|------|-------------------------|------------------------|-----|-------------------------|------------------------|-----|-------------------------|------------------------|-----|-------------------------|
| | | 65°F (18°C) | | | 45°F (7°C) | | | 25°F (-4°C) | | | 5°F (-15°C) | | | -15°F (-28°C) | | |
| | | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input |
| CFM | L/s | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | |
| 1050 | 495 | 40.9 | 12.0 | 2890 | 32.6 | 9.6 | 2535 | 24.3 | 7.1 | 2150 | 16.2 | 4.7 | 1930 | 7.9 | 2.3 | 1450 |
| 1216 | 575 | 41.6 | 12.2 | 2805 | 33.3 | 9.8 | 2450 | 25.0 | 7.3 | 2065 | 16.9 | 5.0 | 1850 | 8.6 | 2.5 | 1365 |
| 1385 | 655 | 42.5 | 12.5 | 2735 | 34.2 | 10.0 | 2380 | 25.9 | 7.6 | 1995 | 17.8 | 5.2 | 1780 | 9.5 | 2.8 | 1295 |

| Outdoor Temp. | °F | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 | -10 | -15 | -20 |
|---------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | °C | 18 | 16 | 13 | 10 | 8 | 7 | 4 | 2 | -1 | -4 | -7 | -8 | -9 | -12 | -15 | -18 | -21 | -23 | -26 | -29 |
| Compressor Motor kW Input | | 2.81 | 2.73 | 2.66 | 2.58 | 2.53 | 2.45 | 2.26 | 2.06 | 2.06 | 2.07 | 2.08 | 2.08 | 2.05 | 1.97 | 1.85 | 1.73 | 1.61 | 1.49 | 1.37 | 1.25 |
| Total Output | kBtuh | 41.6 | 39.5 | 37.5 | 35.4 | 34.2 | 33.3 | 31.1 | 28.9 | 26.9 | 25 | 23 | 21.8 | 21 | 19 | 16.9 | 14.8 | 12.8 | 10.7 | 8.6 | 6.6 |
| | kW | 12.2 | 11.6 | 11.0 | 10.4 | 10.0 | 9.8 | 9.1 | 8.5 | 7.9 | 7.3 | 6.7 | 6.4 | 6.2 | 5.6 | 5.0 | 4.3 | 3.8 | 3.1 | 2.5 | 1.9 |

| | Inputs | | | | | | | | | | | |
|----------|-----------|--|----------|--|-----------|--|----------|--|-----------|--|----------|--|
| | Cap | | Watts | | Cap | | Watts | | Cap | | Watts | |
| | Low | | Med | | High | | High | | High | | High | |
| CFM | 726 | | 831 | | 970 | | | | | | | |
| 62°F Low | 11769.418 | | 396.542 | | 11779.34 | | 378.49 | | 12102.143 | | 365.146 | |
| 47°F Low | --- | | --- | | 9484.096 | | 418.941 | | --- | | --- | |
| CFM | 1050 | | 1216 | | 1385 | | | | | | | |
| 47°F | 33478.862 | | 2614.818 | | 34171.371 | | 2532.352 | | 35067.672 | | 2461.175 | |
| 35°F | --- | | --- | | 28870.357 | | 2053.099 | | --- | | --- | |
| 17°F | --- | | --- | | 21834.423 | | 2077.029 | | --- | | --- | |



HEATING PERFORMANCE EXTENDED RATINGS

HRG1836S1P (3 TON MODE) - HCG36V1P - INDOOR COIL AT 75°F DRY BULB

MINIMUM CAPACITY

| Indoor Coil Air Volume 75°F db (28°C db) | | Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | |
|---------------------------------------------------|-----|---------------------------------------|-----|-------------------------|------------------------|-------------|-------------------------|------------------------|-----|-------------------------|------------------------|-----|-------------------------|-------------|--|--|--|
| | | 65°F (18°C) | | | | 60°F (16°C) | | | | 55°F (13°C) | | | | 50°F (10°C) | | | |
| | | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | | | | |
| CFM | L/s | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | | | | |
| 726 | 345 | 12.0 | 3.5 | 425 | 11.3 | 3.3 | 440 | 10.5 | 3.1 | 455 | 9.7 | 2.8 | 465 | | | | |
| 831 | 390 | 12.1 | 3.5 | 410 | 11.3 | 3.3 | 425 | 10.5 | 3.1 | 440 | 9.7 | 2.8 | 450 | | | | |
| 970 | 460 | 12.3 | 3.6 | 395 | 11.6 | 3.4 | 410 | 10.8 | 3.2 | 425 | 10.0 | 2.9 | 435 | | | | |

MAXIMUM CAPACITY

| Indoor Coil Air Volume 75°F db (28°C db) | | Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | |
|---------------------------------------------------|-----|---------------------------------------|------|-------------------------|------------------------|------------|-------------------------|------------------------|-----|-------------------------|------------------------|-----|-------------------------|------------------------|-----|-------------------------|-------|---------------|--|--|--|
| | | 65°F (18°C) | | | | 45°F (7°C) | | | | 25°F (-4°C) | | | | 5°F (-15°C) | | | | -15°F (-28°C) | | | |
| | | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | | | | | |
| CFM | L/s | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | | |
| 1050 | 495 | 40.0 | 11.7 | 3015 | 32.0 | 9.4 | 2645 | 23.9 | 7.0 | 2245 | 16.0 | 4.7 | 2010 | 7.9 | 2.3 | 1510 | | | | | |
| 1216 | 575 | 40.6 | 11.9 | 2925 | 32.6 | 9.6 | 2555 | 24.6 | 7.2 | 2155 | 16.6 | 4.9 | 1920 | 8.5 | 2.5 | 1420 | | | | | |
| 1385 | 655 | 41.5 | 12.2 | 2865 | 33.5 | 9.8 | 2495 | 25.5 | 7.5 | 2095 | 17.6 | 5.2 | 1860 | 9.4 | 2.8 | 1360 | | | | | |

| Outdoor Temp. | °F | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 | -10 | -15 | -20 |
|---------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
| | °C | 18 | 16 | 13 | 10 | 8 | 7 | 4 | 2 | -1 | -4 | -7 | -8 | -9 | -12 | -15 | -18 | -21 | -23 | -26 | -29 |
| Compressor Motor kW Input | | 2.93 | 2.85 | 2.77 | 2.69 | 2.64 | 2.56 | 2.36 | 2.15 | 2.16 | 2.16 | 2.16 | 2.16 | 2.13 | 2.05 | 1.92 | 1.8 | 1.67 | 1.55 | 1.42 | 1.3 |
| Total Output | kBtuh | 40.6 | 38.6 | 36.6 | 34.6 | 33.4 | 32.6 | 30.5 | 28.4 | 26.5 | 24.6 | 22.6 | 21.5 | 20.7 | 18.7 | 16.6 | 14.6 | 12.5 | 10.5 | 8.5 | 6.4 |
| | kW | 11.9 | 11.3 | 10.7 | 10.1 | 9.8 | 9.6 | 8.9 | 8.3 | 7.8 | 7.2 | 6.6 | 6.3 | 6.1 | 5.5 | 4.9 | 4.3 | 3.7 | 3.1 | 2.5 | 1.9 |

| | Inputs | | | | | | | |
|----------|-----------|--|----------|--|-----------|--|----------|--|
| | Cap | | Watts | | Cap | | Watts | |
| | Low | | Med | | High | | | |
| CFM | 726 | | 831 | | 970 | | | |
| 62°F Low | 11582.827 | | 433.686 | | 11594.856 | | 418.781 | |
| 47°F Low | --- | | --- | | 9271.417 | | 459.42 | |
| CFM | 1050 | | 1216 | | 1385 | | | |
| 47°F | 32808.519 | | 2727.334 | | 33430.815 | | 2637.547 | |
| 35°F | --- | | --- | | 28431.65 | | 2151.921 | |
| 17°F | --- | | --- | | 21454.184 | | 2159.325 | |



HEATING PERFORMANCE EXTENDED RATINGS

HRG1860S1P (4 TON MODE) - HCG48V1P - INDOOR COIL AT 65°F DRY BULB

MINIMUM CAPACITY

| Indoor Coil Air Volume 65°F db (28°C db) | | Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | |
|---------------------------------------------------|-----|---------------------------------------|-----|-------------------------|------------------------|-------------|-------------------------|------------------------|-----|-------------------------|------------------------|-----|-------------------------|-------------|--|--|--|
| | | 65°F (18°C) | | | | 60°F (16°C) | | | | 55°F (13°C) | | | | 50°F (10°C) | | | |
| | | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | | | | |
| CFM | L/s | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | | | | |
| 1040 | 490 | 22.6 | 6.6 | 1105 | 21.4 | 6.3 | 1115 | 20.3 | 5.9 | 1130 | 19.1 | 5.6 | 1140 | | | | |
| 1200 | 565 | 22.8 | 6.7 | 1045 | 21.6 | 6.3 | 1060 | 20.5 | 6.0 | 1070 | 19.3 | 5.7 | 1080 | | | | |
| 1285 | 605 | 23.2 | 6.8 | 1025 | 22.0 | 6.4 | 1035 | 20.9 | 6.1 | 1045 | 19.7 | 5.8 | 1055 | | | | |

MAXIMUM CAPACITY

| Indoor Coil Air Volume 65°F db (28°C db) | | Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | |
|---------------------------------------------------|-----|---------------------------------------|------|-------------------------|------------------------|------------|-------------------------|------------------------|------|-------------------------|------------------------|-----|-------------------------|------------------------|-----|-------------------------|-------|---------------|--|--|--|
| | | 65°F (18°C) | | | | 45°F (7°C) | | | | 25°F (-4°C) | | | | 5°F (-15°C) | | | | -15°F (-28°C) | | | |
| | | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | | | | | |
| CFM | L/s | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | | |
| 1455 | 685 | 55.5 | 16.3 | 4585 | 44.5 | 13.0 | 4070 | 33.3 | 9.8 | 3465 | 23.7 | 6.9 | 3355 | 11.5 | 3.4 | 2525 | | | | | |
| 1730 | 815 | 56.3 | 16.5 | 4325 | 45.4 | 13.3 | 3815 | 34.2 | 10.0 | 3210 | 24.6 | 7.2 | 3095 | 12.4 | 3.6 | 2265 | | | | | |
| 1820 | 860 | 56.6 | 16.6 | 4260 | 45.7 | 13.4 | 3750 | 34.4 | 10.1 | 3145 | 24.8 | 7.3 | 3030 | 12.7 | 3.7 | 2200 | | | | | |

| | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Outdoor Temp. | °F | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 | -10 | -15 | -20 |
| | °C | 18 | 16 | 13 | 10 | 8 | 7 | 4 | 2 | -1 | -4 | -7 | -8 | -9 | -12 | -15 | -18 | -21 | -23 | -26 | -29 |
| Compressor Motor kW Input | | 4.33 | 4.23 | 4.14 | 4.05 | 3.99 | 3.82 | 3.37 | 2.93 | 3.07 | 3.21 | 3.35 | 3.44 | 3.4 | 3.3 | 3.1 | 2.89 | 2.68 | 2.48 | 2.27 | 2.06 |
| Total Output | kBtuh | 56.3 | 53.7 | 51.1 | 48.5 | 46.9 | 45.4 | 41.6 | 37.8 | 36 | 34.2 | 32.4 | 31.3 | 30.2 | 27.6 | 24.6 | 21.5 | 18.5 | 15.5 | 12.4 | 9.4 |
| | kW | 16.5 | 15.7 | 15.0 | 14.2 | 13.7 | 13.3 | 12.2 | 11.1 | 10.6 | 10.0 | 9.5 | 9.2 | 8.9 | 8.1 | 7.2 | 6.3 | 5.4 | 4.5 | 3.6 | 2.8 |

| | Inputs | | | | | | | |
|----------|-----------|--|----------|--|-----------|--|----------|--|
| | Cap | | Watts | | Cap | | Watts | |
| | Low | | Med | | High | | | |
| CFM | 1040 | | 1200 | | 1285 | | | |
| 62°F Low | 21890.931 | | 1112.754 | | 22090.698 | | 1053.359 | |
| 47°F Low | --- | | --- | | 18648.76 | | 1087.303 | |
| CFM | 1455 | | 1730 | | 1820 | | | |
| 47°F | 46059.362 | | 4248.252 | | 46936.672 | | 3990.595 | |
| 35°F | --- | | --- | | 37811.413 | | 2926.19 | |
| 17°F | --- | | --- | | 31257.918 | | 3432.567 | |



HEATING PERFORMANCE EXTENDED RATINGS

HRG1860S1P (4 TON MODE) - HRG48V1P - INDOOR COIL AT 70°F DRY BULB

MINIMUM CAPACITY

| Indoor Coil Air Volume 70°F db (28°C db) | | Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | |
|---------------------------------------------------|-----|---------------------------------------|-----|----------------------------|------------------------|-------------|----------------------------|------------------------|-----|----------------------------|------------------------|-----|----------------------------|-------------|--|--|--|
| | | 65°F (18°C) | | | | 60°F (16°C) | | | | 55°F (13°C) | | | | 50°F (10°C) | | | |
| | | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | | | | |
| CFM | L/s | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | | | | |
| 726 | 345 | 12.2 | 3.6 | 390 | 11.5 | 3.4 | 400 | 10.7 | 3.1 | 415 | 9.9 | 2.9 | 430 | | | | |
| 831 | 390 | 12.2 | 3.6 | 370 | 11.5 | 3.4 | 385 | 10.7 | 3.1 | 395 | 9.9 | 2.9 | 410 | | | | |
| 970 | 460 | 12.6 | 3.7 | 355 | 11.8 | 3.5 | 370 | 11.0 | 3.2 | 385 | 10.3 | 3.0 | 400 | | | | |

MAXIMUM CAPACITY

| Indoor Coil Air Volume 70°F db (28°C db) | | Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | |
|---------------------------------------------------|-----|---------------------------------------|------|----------------------------|------------------------|------------|----------------------------|------------------------|-----|----------------------------|------------------------|-----|----------------------------|------------------------|-----|----------------------------|-------|---------------|--|--|--|
| | | 65°F (18°C) | | | | 45°F (7°C) | | | | 25°F (-4°C) | | | | 5°F (-15°C) | | | | -15°F (-28°C) | | | |
| | | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | | | | | |
| CFM | L/s | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | | |
| 1050 | 495 | 40.9 | 12.0 | 2890 | 32.6 | 9.6 | 2535 | 24.3 | 7.1 | 2150 | 16.2 | 4.7 | 1930 | 7.9 | 2.3 | 1450 | | | | | |
| 1216 | 575 | 41.6 | 12.2 | 2805 | 33.3 | 9.8 | 2450 | 25.0 | 7.3 | 2065 | 16.9 | 5.0 | 1850 | 8.6 | 2.5 | 1365 | | | | | |
| 1385 | 655 | 42.5 | 12.5 | 2735 | 34.2 | 10.0 | 2380 | 25.9 | 7.6 | 1995 | 17.8 | 5.2 | 1780 | 9.5 | 2.8 | 1295 | | | | | |

| | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Outdoor Temp. | °F | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 | -10 | -15 | -20 |
| | °C | 18 | 16 | 13 | 10 | 8 | 7 | 4 | 2 | -1 | -4 | -7 | -8 | -9 | -12 | -15 | -18 | -21 | -23 | -26 | -29 |
| Compressor Motor kW Input | | 2.81 | 2.73 | 2.66 | 2.58 | 2.53 | 2.45 | 2.26 | 2.06 | 2.06 | 2.07 | 2.08 | 2.08 | 2.05 | 1.97 | 1.85 | 1.73 | 1.61 | 1.49 | 1.37 | 1.25 |
| Total Output | kBtuh | 41.6 | 39.5 | 37.5 | 35.4 | 34.2 | 33.3 | 31.1 | 28.9 | 26.9 | 25 | 23 | 21.8 | 21 | 19 | 16.9 | 14.8 | 12.8 | 10.7 | 8.6 | 6.6 |
| | kW | 12.2 | 11.6 | 11.0 | 10.4 | 10.0 | 9.8 | 9.1 | 8.5 | 7.9 | 7.3 | 6.7 | 6.4 | 6.2 | 5.6 | 5.0 | 4.3 | 3.8 | 3.1 | 2.5 | 1.9 |

| | Inputs | | | | | |
|----------|-----------|--|----------|--|-----------|--|
| | Cap | | Watts | | Watts | |
| | Low | | Med | | High | |
| CFM | 726 | | 831 | | 970 | |
| 62°F Low | 11769.418 | | 396.542 | | 11779.34 | |
| 47°F Low | --- | | --- | | 9484.096 | |
| CFM | 1050 | | 1216 | | 1385 | |
| 47°F | 33478.862 | | 2614.818 | | 34171.371 | |
| 35°F | --- | | --- | | 28870.357 | |
| 17°F | --- | | --- | | 21834.423 | |



HEATING PERFORMANCE EXTENDED RATINGS

HRG1860S1P (4 TON MODE) - HCG48V1P - INDOOR COIL AT 75°F DRY BULB

MINIMUM CAPACITY

| Indoor Coil Air Volume 75°F db (28°C db) | | Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | |
|---------------------------------------------------|-----|---------------------------------------|-----|-------------------------|------------------------|-------------|-------------------------|------------------------|-----|-------------------------|------------------------|-----|-------------------------|-------------|--|--|--|
| | | 65°F (18°C) | | | | 60°F (16°C) | | | | 55°F (13°C) | | | | 50°F (10°C) | | | |
| | | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | | | | |
| CFM | L/s | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | | | | |
| 1040 | 490 | 22.0 | 6.4 | 1215 | 20.9 | 6.1 | 1225 | 19.9 | 5.8 | 1235 | 18.8 | 5.5 | 1245 | | | | |
| 1200 | 565 | 22.3 | 6.5 | 1155 | 21.2 | 6.2 | 1165 | 20.1 | 5.9 | 1175 | 19.0 | 5.6 | 1185 | | | | |
| 1285 | 605 | 22.7 | 6.7 | 1135 | 21.6 | 6.3 | 1145 | 20.5 | 6.0 | 1155 | 19.4 | 5.7 | 1165 | | | | |

MAXIMUM CAPACITY

| Indoor Coil Air Volume 75°F db (28°C db) | | Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | |
|---------------------------------------------------|-----|---------------------------------------|------|-------------------------|------------------------|------------|-------------------------|------------------------|------|-------------------------|------------------------|-----|-------------------------|------------------------|-----|-------------------------|-------|---------------|--|--|--|
| | | 65°F (18°C) | | | | 45°F (7°C) | | | | 25°F (-4°C) | | | | 5°F (-15°C) | | | | -15°F (-28°C) | | | |
| | | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | | | | | |
| CFM | L/s | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | | |
| 1455 | 685 | 55.3 | 16.2 | 4925 | 44.3 | 13.0 | 4350 | 32.9 | 9.6 | 3675 | 23.5 | 6.9 | 3550 | 11.5 | 3.4 | 2675 | | | | | |
| 1730 | 815 | 56.1 | 16.4 | 4655 | 45.1 | 13.2 | 4085 | 33.7 | 9.9 | 3410 | 24.4 | 7.2 | 3280 | 12.3 | 3.6 | 2410 | | | | | |
| 1820 | 860 | 56.3 | 16.5 | 4585 | 45.3 | 13.3 | 4010 | 34.0 | 10.0 | 3340 | 24.6 | 7.2 | 3210 | 12.5 | 3.7 | 2335 | | | | | |

| Outdoor Temp. | °F | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 | -10 | -15 | -20 |
|---------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|-----|
| | °C | 18 | 16 | 13 | 10 | 8 | 7 | 4 | 2 | -1 | -4 | -7 | -8 | -9 | -12 | -15 | -18 | -21 | -23 | -26 | -29 |
| Compressor Motor kW Input | 4.66 | 4.55 | 4.45 | 4.34 | 4.28 | 4.09 | 3.6 | 3.11 | 3.26 | 3.41 | 3.56 | 3.65 | 3.61 | 3.5 | 3.28 | 3.07 | 2.85 | 2.63 | 2.41 | 2.19 | |
| Total Output | kBtuh | 56.1 | 53.5 | 50.9 | 48.3 | 46.7 | 45.1 | 41.1 | 37.1 | 35.4 | 33.7 | 32 | 31 | 30 | 27.4 | 24.4 | 21.4 | 18.3 | 15.3 | 12.3 | 9.3 |
| | kW | 16.4 | 15.7 | 14.9 | 14.2 | 13.7 | 13.2 | 12.0 | 10.9 | 10.4 | 9.9 | 9.4 | 9.1 | 8.8 | 8.0 | 7.2 | 6.3 | 5.4 | 4.5 | 3.6 | 2.7 |

| | Inputs | | | | | |
|----------|-----------|--|----------|--|-----------|--|
| | Cap | | Watts | | Watts | |
| | Low | | Med | | High | |
| CFM | 1040 | | 1200 | | 1285 | |
| 62°F Low | 21380.757 | | 1219.873 | | 21621.844 | |
| 47°F Low | --- | | --- | | 18373.432 | |
| CFM | 1455 | | 1730 | | 1820 | |
| 47°F | 45872.505 | | 4545.148 | | 46718.85 | |
| 35°F | --- | | --- | | 37140.175 | |
| 17°F | --- | | --- | | 31031.31 | |



HEATING PERFORMANCE EXTENDED RATINGS

HRG1860S1P (5 TON MODE) - HCG60V1P - INDOOR COIL AT 65°F DRY BULB

MINIMUM CAPACITY

| Indoor Coil Air Volume 65°F db (28°C db) | | Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | |
|---------------------------------------------------|-----|---------------------------------------|-----|-------------------------|------------------------|-------------|-------------------------|------------------------|-----|-------------------------|------------------------|-----|-------------------------|-------------|--|--|--|
| | | 65°F (18°C) | | | | 60°F (16°C) | | | | 55°F (13°C) | | | | 50°F (10°C) | | | |
| | | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | | | | |
| CFM | L/s | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | | | | |
| 1111 | 525 | 23.2 | 6.8 | 900 | 21.7 | 6.4 | 905 | 20.3 | 5.9 | 915 | 18.8 | 5.5 | 920 | | | | |
| 1212 | 570 | 23.2 | 6.8 | 875 | 21.8 | 6.4 | 880 | 20.3 | 5.9 | 885 | 18.9 | 5.5 | 890 | | | | |
| 1380 | 650 | 23.8 | 7.0 | 830 | 22.4 | 6.6 | 835 | 20.9 | 6.1 | 840 | 19.5 | 5.7 | 845 | | | | |

MAXIMUM CAPACITY

| Indoor Coil Air Volume 65°F db (28°C db) | | Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | |
|---------------------------------------------------|-----|---------------------------------------|------|-------------------------|------------------------|------------|-------------------------|------------------------|------|-------------------------|------------------------|-----|-------------------------|------------------------|-----|-------------------------|-------|---------------|--|--|--|
| | | 65°F (18°C) | | | | 45°F (7°C) | | | | 25°F (-4°C) | | | | 5°F (-15°C) | | | | -15°F (-28°C) | | | |
| | | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | | | | | |
| CFM | L/s | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | | |
| 1605 | 755 | 68.0 | 19.9 | 5075 | 55.5 | 16.3 | 4705 | 43.1 | 12.6 | 4320 | 29.4 | 8.6 | 3860 | 14.4 | 4.2 | 2870 | | | | | |
| 1838 | 865 | 68.9 | 20.2 | 4865 | 56.4 | 16.5 | 4495 | 44.0 | 12.9 | 4110 | 30.3 | 8.9 | 3650 | 15.3 | 4.5 | 2660 | | | | | |
| 2030 | 960 | 69.8 | 20.5 | 4730 | 57.3 | 16.8 | 4360 | 45.0 | 13.2 | 3975 | 31.3 | 9.2 | 3515 | 16.3 | 4.8 | 2525 | | | | | |

| Outdoor Temp. | °F | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 | -10 | -15 | -20 |
|---------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | °C | 18 | 16 | 13 | 10 | 8 | 7 | 4 | 2 | -1 | -4 | -7 | -8 | -9 | -12 | -15 | -18 | -21 | -23 | -26 | -29 |
| Compressor Motor kW Input | | 4.87 | 4.78 | 4.69 | 4.6 | 4.55 | 4.5 | 4.36 | 4.22 | 4.17 | 4.11 | 4.06 | 4.02 | 3.99 | 3.9 | 3.65 | 3.41 | 3.16 | 2.91 | 2.66 | 2.42 |
| Total Output | kBtuh | 68.9 | 65.7 | 62.5 | 59.4 | 57.5 | 56.4 | 53.6 | 50.8 | 47.4 | 44 | 40.6 | 38.5 | 37.3 | 34.1 | 30.3 | 26.6 | 22.8 | 19.1 | 15.3 | 11.6 |
| | kW | 20.2 | 19.3 | 18.3 | 17.4 | 16.9 | 16.5 | 15.7 | 14.9 | 13.9 | 12.9 | 11.9 | 11.3 | 10.9 | 10.0 | 8.9 | 7.8 | 6.7 | 5.6 | 4.5 | 3.4 |

| | Inputs | | | | | | | | | | | |
|----------|-----------|--|----------|--|-----------|--|----------|--|-----------|--|----------|--|
| | Cap | | Watts | | Cap | | Watts | | | | | |
| | Low | | Med | | High | | | | | | | |
| CFM | 1111 | | 1212 | | 1380 | | | | | | | |
| 62°F Low | 22311.862 | | 905.201 | | 22347.104 | | 876.628 | | 22939.802 | | 832.927 | |
| 47°F Low | --- | | --- | | 17998.422 | | 892.314 | | --- | | --- | |
| CFM | 1605 | | 1838 | | 2030 | | | | | | | |
| 47°F | 56580.116 | | 4760.251 | | 57488.084 | | 4548.615 | | 58459.635 | | 4413.146 | |
| 35°F | --- | | --- | | 50803.357 | | 4222.259 | | --- | | --- | |
| 17°F | --- | | --- | | 38522.453 | | 4021.194 | | --- | | --- | |



HEATING PERFORMANCE EXTENDED RATINGS

HRG1860S1P (5 TON MODE) - HCG60V1P - INDOOR COIL AT 70°F DRY BULB

MINIMUM CAPACITY

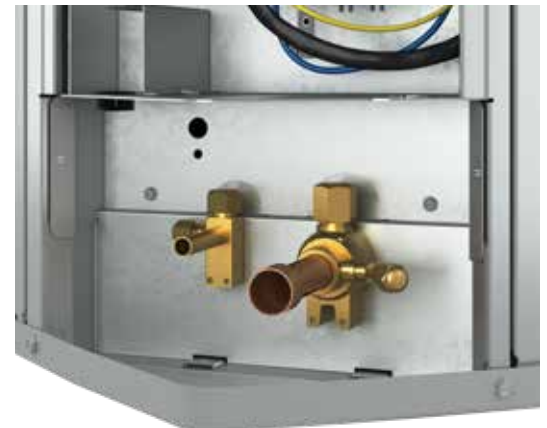
| Indoor Coil Air Volume 70°F db (28°C db) | | Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | |
|---------------------------------------------------|-----|---------------------------------------|-----|-------------------------|------------------------|-------------|-------------------------|------------------------|-----|-------------------------|------------------------|-----|-------------------------|-------------|--|--|--|
| | | 65°F (18°C) | | | | 60°F (16°C) | | | | 55°F (13°C) | | | | 50°F (10°C) | | | |
| | | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | | | | |
| CFM | L/s | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | | | | |
| 1111 | 525 | 22.7 | 6.7 | 1005 | 21.3 | 6.2 | 1010 | 19.9 | 5.8 | 1010 | 18.5 | 5.4 | 1015 | | | | |
| 1212 | 570 | 22.8 | 6.7 | 970 | 21.4 | 6.3 | 975 | 19.9 | 5.8 | 980 | 18.5 | 5.4 | 980 | | | | |
| 1380 | 650 | 23.4 | 6.9 | 930 | 21.9 | 6.4 | 935 | 20.5 | 6.0 | 935 | 19.1 | 5.6 | 940 | | | | |

MAXIMUM CAPACITY

| Indoor Coil Air Volume 70°F db (28°C db) | | Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | |
|---------------------------------------------------|-----|---------------------------------------|------|-------------------------|------------------------|------------|-------------------------|------------------------|------|-------------------------|------------------------|-----|-------------------------|------------------------|-----|-------------------------|-------|---------------|--|
| | | 65°F (18°C) | | | | 45°F (7°C) | | | | 25°F (-4°C) | | | | 5°F (-15°C) | | | | -15°F (-28°C) | |
| | | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | | | |
| CFM | L/s | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | |
| 1605 | 755 | 67.3 | 19.7 | 5410 | 54.9 | 16.1 | 5005 | 42.6 | 12.5 | 4585 | 29.2 | 8.6 | 4100 | 14.3 | 4.2 | 3055 | | | |
| 1838 | 865 | 68.2 | 20.0 | 5170 | 55.8 | 16.4 | 4765 | 43.5 | 12.7 | 4345 | 30.1 | 8.8 | 3860 | 15.2 | 4.5 | 2815 | | | |
| 2030 | 960 | 69.2 | 20.3 | 5025 | 56.8 | 16.6 | 4620 | 44.5 | 13.0 | 4200 | 31.1 | 9.1 | 3715 | 16.2 | 4.7 | 2670 | | | |

| | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Outdoor Temp. | °F | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 | -10 | -15 | -20 |
| | °C | 18 | 16 | 13 | 10 | 8 | 7 | 4 | 2 | -1 | -4 | -7 | -8 | -9 | -12 | -15 | -18 | -21 | -23 | -26 | -29 |
| Compressor Motor kW Input | | 5.17 | 5.08 | 4.98 | 4.89 | 4.83 | 4.77 | 4.61 | 4.46 | 4.4 | 4.35 | 4.29 | 4.26 | 4.22 | 4.13 | 3.86 | 3.6 | 3.34 | 3.08 | 2.82 | 2.56 |
| Total Output | kBtuh | 68.2 | 65 | 61.9 | 58.8 | 56.9 | 55.8 | 53 | 50.2 | 46.9 | 43.5 | 40.2 | 38.2 | 37 | 33.8 | 30.1 | 26.4 | 22.7 | 18.9 | 15.2 | 11.5 |
| | kW | 20.0 | 19.0 | 18.1 | 17.2 | 16.7 | 16.4 | 15.5 | 14.7 | 13.7 | 12.7 | 11.8 | 11.2 | 10.8 | 9.9 | 8.8 | 7.7 | 6.7 | 5.5 | 4.5 | 3.4 |

| | Inputs | | | | | |
|----------|-----------|--|----------|--|-----------|--|
| | Cap | | Watts | | Watts | |
| | Low | | Med | | High | |
| CFM | 1111 | | 1212 | | 1380 | |
| 62°F Low | 21891.274 | | 1008.056 | | 21931.16 | |
| 47°F Low | --- | | --- | | 17653.772 | |
| CFM | 1605 | | 1838 | | 2030 | |
| 47°F | 56043.57 | | 5069.285 | | 56928.888 | |
| 35°F | --- | | --- | | 50182.81 | |
| 17°F | --- | | --- | | 38210.078 | |



HEATING PERFORMANCE EXTENDED RATINGS

HRG1860V1P (5 TON MODE) - HCG60V1P - INDOOR COIL AT 75°F DRY BULB

MINIMUM CAPACITY

| Indoor Coil Air Volume 75°F db (28°C db) | | Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | |
|---------------------------------------------------|-----|---------------------------------------|-----|-------------------------|------------------------|-------------|-------------------------|------------------------|-----|-------------------------|------------------------|-----|-------------------------|-------------|--|--|--|--|--|--|
| | | 65°F (18°C) | | | | 60°F (16°C) | | | | 55°F (13°C) | | | | 50°F (10°C) | | | | | | |
| | | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | | | | | | | |
| CFM | L/s | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | | | | | | | |
| 1111 | 525 | 22.3 | 6.5 | 1115 | 20.9 | 6.1 | 1115 | 19.5 | 5.7 | 1110 | 18.1 | 5.3 | 1110 | | | | | | | |
| 1212 | 570 | 22.3 | 6.5 | 1085 | 20.9 | 6.1 | 1085 | 19.5 | 5.7 | 1085 | 18.1 | 5.3 | 1080 | | | | | | | |
| 1380 | 650 | 22.9 | 6.7 | 1045 | 21.5 | 6.3 | 1045 | 20.1 | 5.9 | 1045 | 18.7 | 5.5 | 1040 | | | | | | | |

MAXIMUM CAPACITY

| Indoor Coil Air Volume 75°F db (28°C db) | | Air Temperature Entering Outdoor Coil | | | | | | | | | | | | | | | | | | | |
|---------------------------------------------------|-----|---------------------------------------|------|-------------------------|------------------------|------------|-------------------------|------------------------|------|-------------------------|------------------------|-----|-------------------------|------------------------|-----|-------------------------|-------|---------------|--|--|--|
| | | 65°F (18°C) | | | | 45°F (7°C) | | | | 25°F (-4°C) | | | | 5°F (-15°C) | | | | -15°F (-28°C) | | | |
| | | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | Total Heating Capacity | | Comp. Motor Watts Input | | | | | |
| CFM | L/s | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | kBtuh | kW | | | |
| 1605 | 755 | 66.6 | 19.5 | 5770 | 54.4 | 15.9 | 5325 | 42.3 | 12.4 | 4855 | 29.1 | 8.5 | 4335 | 14.2 | 4.2 | 3235 | | | | | |
| 1838 | 865 | 67.5 | 19.8 | 5510 | 55.3 | 16.2 | 5060 | 43.1 | 12.6 | 4595 | 29.9 | 8.8 | 4075 | 15.1 | 4.4 | 2975 | | | | | |
| 2030 | 960 | 68.4 | 20.0 | 5355 | 56.2 | 16.5 | 4905 | 44.1 | 12.9 | 4440 | 30.9 | 9.1 | 3915 | 16.0 | 4.7 | 2815 | | | | | |

| | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Outdoor Temp. | °F | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 | -10 | -15 | -20 |
| | °C | 18 | 16 | 13 | 10 | 8 | 7 | 4 | 2 | -1 | -4 | -7 | -8 | -9 | -12 | -15 | -18 | -21 | -23 | -26 | -29 |
| Compressor Motor kW Input | | 5.51 | 5.41 | 5.3 | 5.2 | 5.13 | 5.06 | 4.89 | 4.72 | 4.66 | 4.6 | 4.54 | 4.5 | 4.46 | 4.35 | 4.08 | 3.8 | 3.53 | 3.25 | 2.98 | 2.7 |
| Total Output | kBtuh | 67.5 | 64.4 | 61.3 | 58.2 | 56.4 | 55.3 | 52.5 | 49.7 | 46.4 | 43.1 | 39.9 | 37.9 | 36.7 | 33.6 | 29.9 | 26.2 | 22.5 | 18.8 | 15.1 | 11.4 |
| | kW | 19.8 | 18.9 | 18.0 | 17.1 | 16.5 | 16.2 | 15.4 | 14.6 | 13.6 | 12.6 | 11.7 | 11.1 | 10.8 | 9.8 | 8.8 | 7.7 | 6.6 | 5.5 | 4.4 | 3.3 |

| | Inputs | | | | | |
|----------|-----------|--|----------|--|-----------|--|
| | Cap | | Watts | | Watts | |
| | Low | | Med | | High | |
| CFM | 1111 | | 1212 | | 1380 | |
| 62°F Low | 21456.339 | | 1113.413 | | 21490.625 | |
| 47°F Low | --- | | --- | | 17268.653 | |
| CFM | 1605 | | 1838 | | 2030 | |
| 47°F | 55534.082 | | 5391.9 | | 56382.546 | |
| 35°F | --- | | --- | | 49670.237 | |
| 17°F | --- | | --- | | 37916.407 | |



ACCESSORIES

| Description | Where Used | Kit Number | Purpose |
|-----------------------|------------|-----------------------|-------------------------------------------------------------------------------------------|
| TXV Kit | 36 | H4TXV01 | TXVs provide superior refrigerant flow control, comfort and efficiency |
| | 60 | H4TXV03 | |
| Crankcase heater | All models | Factory installed | Prevents liquid migration to compressor in cold weather |
| Sound Blanket | All models | Factory installed | Lowers compressor sound level |
| Short Cycle Protector | All models | Control Board Feature | Protects compressor from short cycling. |
| Liquid Line Solenoid | All models | 60M52 | Prevents liquid migration to the compressor especially for high liquid riser applications |
| Freezestat | 3/8 tubing | 93G35 | Protects the compressor at low suction pressure conditions |



“This product complies with all California product labeling laws including, but not limited to, the Safe Drinking Water and Toxic Enforcement Act of 1986, more commonly known as Proposition 65.”

Due to ongoing product improvements, specifications and dimensions are subject to change and correction without notice or incurring obligations. Determining the application and suitability for use of any product is the responsibility of the installer. Additionally, the installer is responsible for verifying dimensional data on the actual product prior to beginning any installation preparations.

Third party incentive and rebate programs have precise requirements as to product performance and certification. All products meet applicable regulations in effect on date of manufacture; however, certifications are not necessarily granted for the life of a product. Therefore, it is the responsibility of the applicant to determine whether a specific model qualifies for these incentive/rebate programs.