



KV-Line Copeland Compressor Models Condensing Units

PRODUCT DATA & SPECIFICATIONS

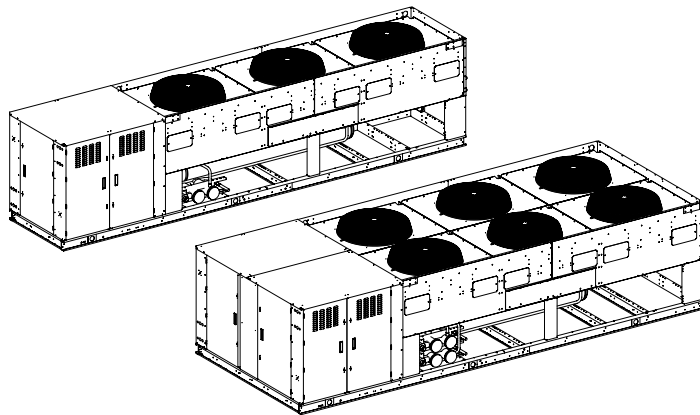
Bulletin K40-KV-A-PDS-25
Part # 1073950-A

Outdoor Air-Cooled Condensing Units

60
Hz

- 15 to 100 HP - High and Medium Temperature Refrigeration
- 10 to 80 HP - Low Temperature Refrigeration

| | |
|---|--|
|  <p>PRODUCT SUPPORT web: www.k-rp.com/kv email: mdcu-lgcu@k-rp.com call: 1-844-893-3222 x522</p> | <p>scan:</p>  |
|---|--|






INCLUDES RATINGS FOR
LOW GWP
REFRIGERANTS


LIMITROL 
FLOATING HEAD PRESSURE CONTROL SYSTEM
See Page 5 for details

THIS DOCUMENT CONTAINS DATA FOR UNITS EQUIPPED WITH COPELAND COMPRESSORS.
FOR UNITS WITH BITZER COMPRESSORS, PLEASE SEE BULLETIN K40-KV-B-PDS-24


CONTENTS

| | |
|--|-------|
| Nomenclature..... | 2 |
| Features and Options..... | 3 - 5 |
| Capacity Ratings and Selection..... | 4 |
| LIMITROL  Floating Head Pressure Control System..... | 6 |

STANDARD EFFICIENCY MODELS

| | |
|--|----------------|
| Capacity Data | 7 - 32 |
| KVS (Copeland Single Compressor)..... | 7 - 19 |
| KVD (Copeland Dual Compressor)..... | 20 - 32 |
| Electrical Data | 33 - 34 |
| KVS/KVD (Copeland Models)..... | 33 - 34 |
| Electrical Data (EC motors or LIMITROL ) | 35 - 36 |
| KVS/KVD (Copeland Models)..... | 35 - 36 |
| Dimensional Data | 37 - 40 |
| KVS (All Single Compressor Models)..... | 37 - 38 |
| KVD (All Dual Compressor Models)..... | 39 - 40 |
| Specifications | 41 |
| KVS/KVD (All Copeland Models)..... | 41 |
| AWEF Ratings | 42 |

HIGH EFFICIENCY MODELS

| | |
|--|----------------|
| Capacity Data | 49 - 74 |
| KVS (Copeland Single Compressor)..... | 49 - 60 |
| KVD (Copeland Dual Compressor)..... | 61 - 74 |
| Electrical Data | 75 - 76 |
| KVS/KVD (Copeland Models)..... | 75 - 76 |
| Electrical Data (EC motors or LIMITROL ) | 77 - 78 |
| KVS/KVD (Copeland Models)..... | 77 - 78 |
| Dimensional Data | 79 - 82 |
| KVS (All Single Compressor Models)..... | 79 - 80 |
| KVD (All Dual Compressor Models)..... | 81 - 82 |
| Specifications | 83 |
| KVS/KVD (All Copeland Models)..... | 83 |
| AWEF Ratings | 84 |

| | |
|---|----------------|
| Wiring Diagrams (All Models) | 43 - 48 |
| Project Information | 87 |
| Product Support Resources | BACK |

NOMENCLATURE

KVS 040 M 8 - H T4 B - A - C

KeepRite Vertical Air Flow Condensing Unit

KVS = Single Compressor / Single Condenser
 KVD = Dual Compressor / Dual Condenser

Total HP

040 = If single, one 40 HP compressor.
 If dual, two 20 HP compressors.
 High efficiency models = Standard HP + 1 (i.e.: 041 = 040 + 001)

Application

H = High Temp. M = Medium Temp.
 L = Low Temp. V = Extended Low Temp.
 D = Low Temp. w/ 850 RPM Condenser Motor(s)

Refrigerant

6 = R404A / R507
 8 = R407A, R448A, R449A, R407C, R404A/R507

Enclosure

H = Outdoor

Pre-Selected Factory Mounted Option Packages
 See detail on page 5

Compressor

A = Copeland Discus Semi-Hermetic
*For BITZER models, please see:
 K40-KV-B-PDS-24*

Series Generation

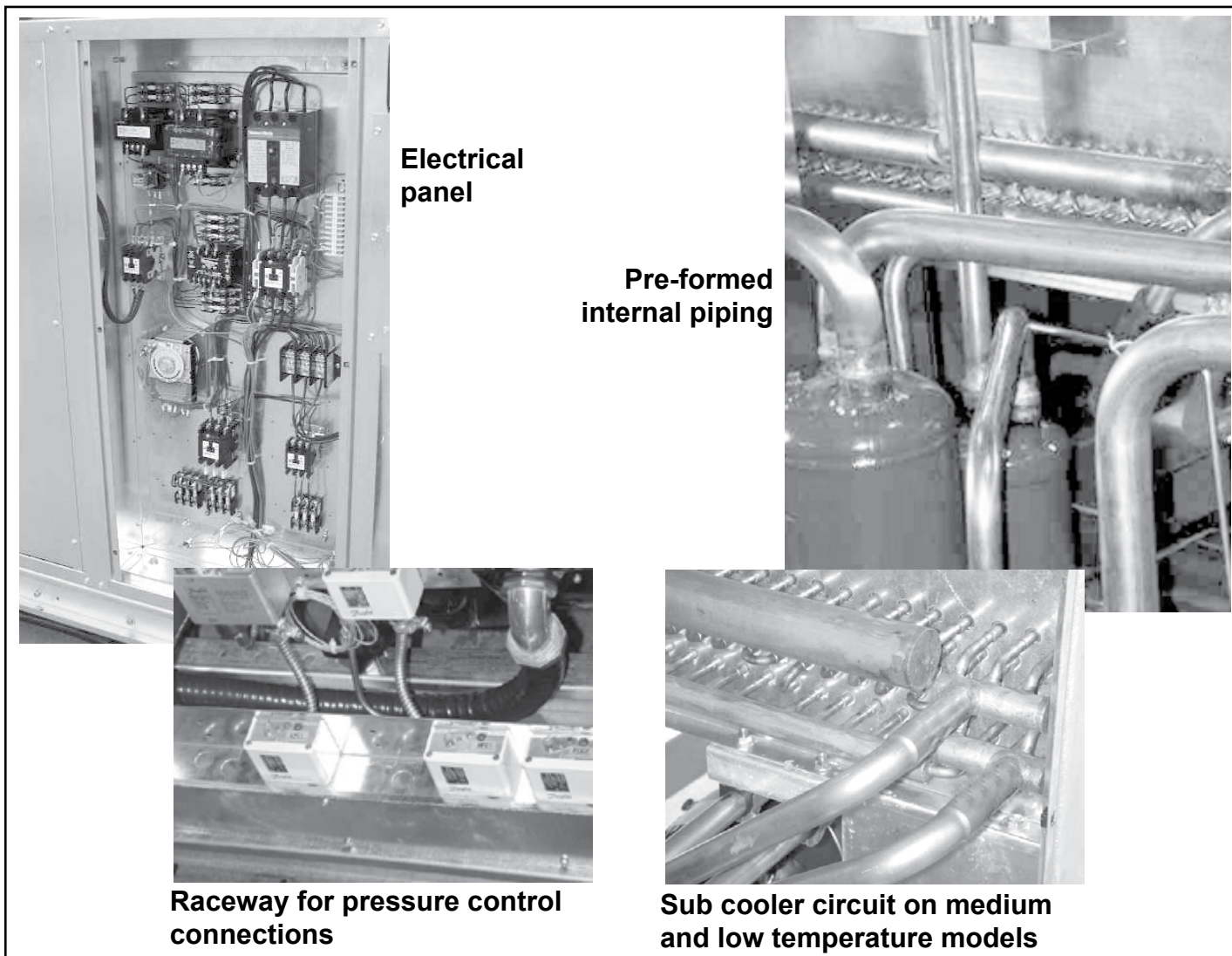
B = 2nd Generation
 X = Special Custom Model
 (Deviates from catalog)

Electrical Designation

T3 = 208-230/3/60 D3 = 230/3/60
 T4 = 460/3/60
 T5 = 575/3/60

* Subject to compressor availability

FEATURES



Electrical panel

Pre-formed internal piping

Raceway for pressure control connections

Sub cooler circuit on medium and low temperature models

- Compatible with Low GWP Refrigerants
- Units are **UL_{US}** Listed.
- Designed for use with various popular refrigerants.
- Energy efficient compressors with POE oil. Several options to choose from: Copeland Discus, Bitzer reciprocating.
- Single, dual and parallel-piped (optional) compressor configurations available.
- Thermospan™ condenser core design eliminates tube sheet leaks and provides reliable operation.
- 3/8" condenser tubes reduces refrigerant charge.
- Generously sized condenser allows unit to operate at higher than normal ambient conditions.
- Optional coating and fin surfaces for condenser core protection available.
- Specially designed, thermally protected and permanently lubricated ball bearing condenser fan motor(s).
- Receivers (where used) are liberally sized and include inlet as well as outlet service valves.
- Subcooling circuit in condenser on all models (except H8 models) increases overall system efficiency and provides dependable compressor operation.
- Utilizes pre-formed internal piping, eliminates welded joints and reduces chances of a leak.
- Electrical components are housed in a spacious and conveniently located panel. In case of a compressor trip, (except on air conditioning models) a Lock-out relay de-energizes the liquid line solenoid valve. In addition, SPDT contact is provided for field wired alarm circuit.
- End compartment panels allow unrestricted access to service the compressor(s) and all other components.
- Raceway for pressure control wiring and connections provides neat appearance.
- Units are available with energy efficient Thermosaver™ hot gas defrost option.
- Units are environmentally friendly operating on less power and refrigerant charge.

STANDARD EFFICIENCY MODELS

FEATURES

Standard features include:

- Spring mount compressor with discharge vibration eliminator
- Compressor head cooling fans on low temperature models (except L8 units)
- Compressor crankcase heater
- Flexible hose on all compressor pressure control connections
- Two valve adjustable (pre-set at factory) Low Ambient head pressure control
- Condenser fan cycling control (pressure) on two-fan models and up
- Receiver inlet/outlet valves and safety pressure relief valve
- Replaceable liquid line drier & sight glass
- Anti-short cycle time delay relay
- Fused condenser fan motors
- Oil failure control (non-electronic)
- Separate HP and LP compressor controls
- Part-winding start on all 30 HP and up, operating on 208/230V-3Ph
- Lock out relay
- Sub-cooling circuit on medium and low temperature units
- Electronic liquid injection on L8 units
- Suction line vibration eliminator

HIGH EFFICIENCY MODELS

FEATURES

- All Standard Efficiency Model features
 - **Oversized condenser coils**

Factory installed Options include:

- Suction line vibration eliminator
- Suction accumulator (with or without heat exchanger)
- Replaceable suction filter
- Insulated suction lines.
- Crankcase Pressure Regulating valve
- Compressor capacity control (cylinder unloading on 4D-6D-6F compressors or Moduload™ on 3D compressor)
- Discharge line check valve
- Hot gas bypass tees / regulating valves / de-superheating TXV
- Oil separator
- Discharge line thermostat
- Variable speed EC motors only as head pressure control (see Bulletin K40-HPC-AG for details)
- Oversized receiver
- Heated and insulated receiver
- Thermosaver™ defrost.
- Disconnect switch (fused or non-fused).
- Compressor circuit breaker
- Electronic Oil failure control
- Voltage / Phase monitor
- Part-winding start (standard on 30HP and up operating on 208/230-3)
- Defrost Time clock
- Defrost Heater / Evaporator Fan Contactors with fuse block
- Single point electrical service hook up for evaporator and controls
- **Limitrol+ Floating Head Pressure Control System (see page 5 or Bulletin K40-HPC-AG for details)**

CAPACITY RATINGS AND SELECTION

RATING INFORMATION:

1. Ratings as shown are at saturated suction temperatures.
2. 60Hz capacity ratings are shown in imperial and metric units: **MBH** in bold type, (*KW*) in italics within brackets.
3. Ratings may be interpolated but should not be extrapolated.

SELECTION PROCEDURE:

Determine following requirements:

1. Ambient temperature, - °F / °C.
2. Total cooling load - **MBH** / (*KW*).
3. SST (saturated suction temperature) - °F / °C.
4. Refrigerant type

EXAMPLE SELECTION:**GIVEN:**

- Ambient temperature, **95°F** / 35°C.
- Total cooling load **120MBH**.
- SST, - **20°F** / -28.8°C.
- Refrigerant, R404A.

METHOD:




- Go to the R404A low temperature capacity chart.
- Determine the capacity rating under **95°F** ambient column and **-20°F** SST row.
- Select the model with closest capacity requirement which is KVS030L6 with capacity **119.1 MBH**.

SELECTION OF TWO-COMPRESSOR UNITS:

KVD condensing units are dual compressor units. The ratings shown are the total capacity of two compressors operating simultaneously.

Standard KVD models are designed with two independently operating systems, each with a separate refrigeration circuit. Optional parallel piped compressors (one total system) are available. Consult factory.

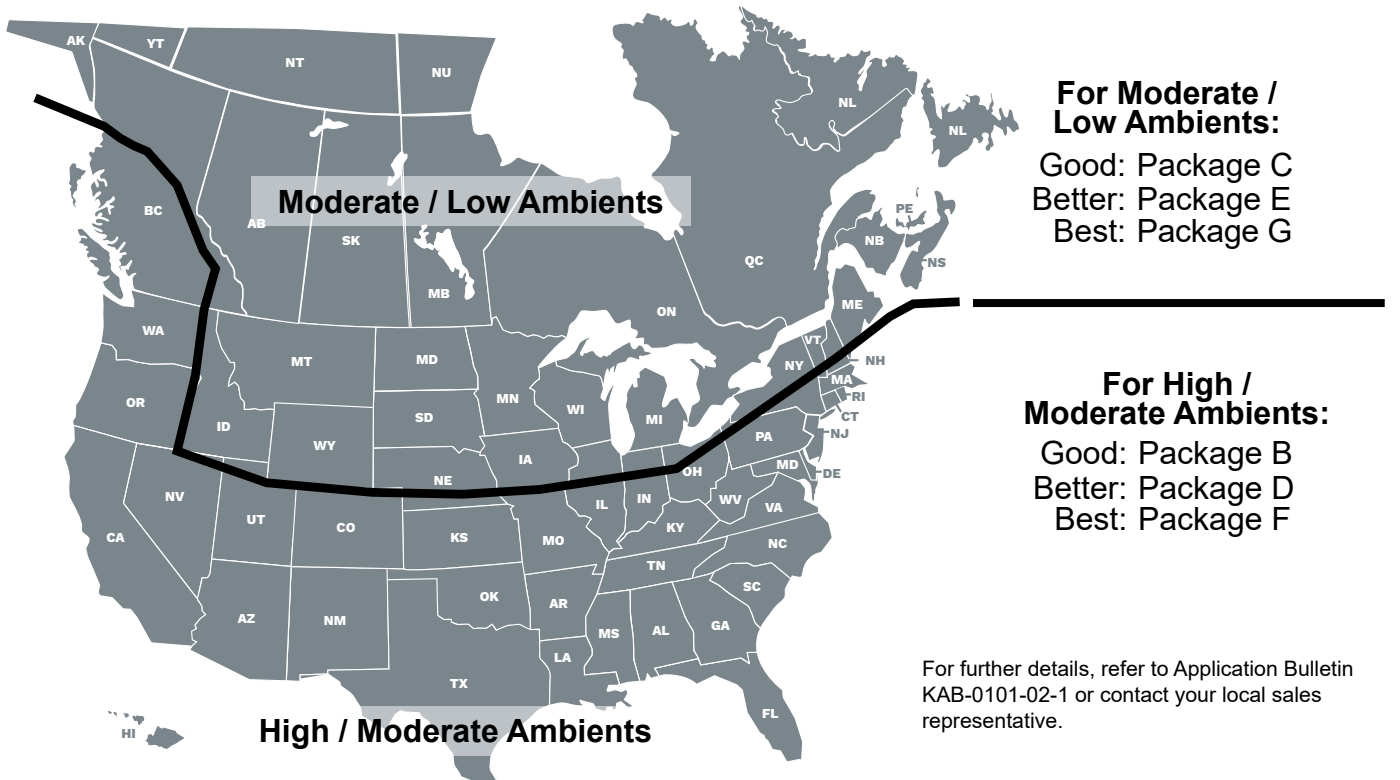
PRE-SELECTED FACTORY MOUNTED OPTION PACKAGES

| | For High / Moderate Ambients | For Moderate / Low Ambients |
|--|--|---|
| GOOD  | Package B: + Suction Accumulator w/o Heat Exchanger + Suction Filter - Replaceable | Package C: + Suction Accumulator w/o Heat Exchanger + Suction Filter - Replaceable + Heated and Insulated Receiver |
| BETTER  | Package D: + Suction Accumulator w/o Heat Exchanger + Suction Filter - Replaceable + Oil Separator / Check Valve, Solenoid, Filter & Strainer | Package E: + Suction Accumulator w/o Heat Exchanger + Suction Filter - Replaceable + Oil Separator / Check Valve, Solenoid, Filter & Strainer + Heated and Insulated Receiver |
| BEST  | Package F: + Suction Accumulator w/o Heat Exchanger + Suction Filter - Replaceable + Oil Separator / Check Valve, Solenoid, Filter & Strainer + Phase Monitor ¹ | Package G: + Suction Accumulator w/o Heat Exchanger + Suction Filter - Replaceable + Oil Separator / Check Valve, Solenoid, Filter & Strainer + Phase Monitor ¹ + Heated and Insulated Receiver |

¹ Phase Monitor - 6 Wire

For information on Evaporator Defrost Kits and Fuse Packages, visit www.k-rp.com/dfk

RECOMMENDATIONS FOR SELECTING FACTORY MOUNTED OPTION PACKAGES



- **Reduces compressor energy consumption and run time**
 - **EC motor technology further saves energy and reduces electrical requirements**
- **Lowered environmental impact through reduced refrigerant use**
 - **Stable system performance in lower ambients**

What is Limitrol+? Limitrol+ combines various technologies into a responsive system that floats head pressure, saving energy and reduces environmental impact.

Unlike competitive systems, Limitrol+ combines variable speed EC motor technology, condenser portioning and various systems modifications to provide the ultimate in performance and control.

As a result, Limitrol+ functions in much colder ambients where previous systems have proven ineffective.

What does it do? Conventional head pressure control systems maintain a constant head pressure regardless of ambient temperatures. Limitrol+ intelligently responds to ambient conditions to float head pressure without sacrificing system performance at lower temperatures.

What are its applications?

- Condensing units over 5 HP
- Ideally suited and most effective in applications with fluctuating ambients
- Perfect for installations where reduced refrigerant charges are desired or required.

How much can Limitrol+ save you?

| MODEL | Philadelphia, PA | | New York, NY | | Boston, MA | | Charlotte, NC | | Atlanta, GA | | Los Angeles, CA | | St Louis, MO | | St. Paul, MN | | Toronto, ON | |
|-----------------------|------------------|-------|--------------|-------|------------|-------|---------------|-------|-------------|-------|-----------------|-------|--------------|-------|--------------|-------|-------------|-------|
| | % | \$ | % | \$ | % | \$ | % | \$ | % | \$ | % | \$ | % | \$ | % | \$ | % | \$ |
| 5 HP Cooler | 22 | 616 | 23 | 1,099 | 25 | 1,081 | 18 | 474 | 16 | 521 | 16 | 835 | 20 | 624 | 25 | 798 | 27 | 638 |
| 7.5 HP Cooler | 21 | 1,008 | 22 | 1,805 | 23 | 1,707 | 18 | 843 | 17 | 954 | 17 | 1,499 | 19 | 1,053 | 24 | 1,270 | 25 | 1,000 |
| 10 HP Cooler | 18 | 1,204 | 18 | 2,131 | 20 | 2,095 | 15 | 975 | 14 | 1,089 | 18 | 2,446 | 16 | 1,227 | 20 | 1,529 | 21 | 1,223 |
| 15 HP Cooler | 19 | 1,852 | 20 | 3,300 | 21 | 3,170 | 16 | 1,567 | 15 | 1,767 | 19 | 3,570 | 17 | 1,916 | 22 | 2,337 | 22 | 1,834 |
| 6 HP Freezer | 24 | 903 | 25 | 1,621 | 26 | 1,548 | 21 | 753 | 20 | 848 | 23 | 1,548 | 22 | 928 | 26 | 1,119 | 27 | 891 |
| 7.5 HP Freezer | 21 | 994 | 21 | 1,783 | 23 | 1,726 | 17 | 800 | 16 | 891 | 18 | 1,591 | 19 | 1,012 | 23 | 1,255 | 24 | 1,004 |
| 13 HP Freezer | 19 | 1,425 | 19 | 2,535 | 21 | 2,450 | 16 | 1,150 | 15 | 1,286 | 15 | 2,110 | 17 | 1,471 | 21 | 1,798 | 22 | 1,428 |
| 15 HP Freezer | 18 | 1,602 | 19 | 2,846 | 20 | 2,717 | 16 | 1,312 | 15 | 1,479 | 14 | 2,224 | 17 | 1,672 | 20 | 2,009 | 21 | 1,587 |

* The above is a BIN Hour Analysis. Weather data was used from ASHRAE Weather Data Viewer and electrical rates for each city are based on data from EIA (U.S. Energy Information Administration).

** Above numbers do not include refrigerant savings, and further cost savings can be expected.

For more information on Head Pressure Control, please refer to our “Head Pressure Control Application Guide” (Bulletin K40-HPC-AG)

CAPACITY DATA - R407A
HIGH TEMPERATURE

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R407A AMBIENT TEMPERATURE °F (°C) | | | | | |
|---------------------------------------|-------------------------------|-----|---|---------------|---------------|---------------|---------------|---------------|
| | ° F | ° C | 85 (29.4) | 90 (32.2) | 95 (35.0) | 100 (37.8) | 105 (40.6) | 110 (43.3) |
| KVS015H8-A Compressor 3DS3R17ME | 45 (7.2) | | 215.9 (63.3) | 207.6 (60.8) | 199.3 (58.4) | 191.2 (56) | 183.2 (53.7) | 175.4 (51.4) |
| | 40 (4.4) | | 198.0 (58) | 190.6 (55.9) | 183.1 (53.7) | 175.8 (51.5) | 168.5 (49.4) | 161.4 (47.3) |
| | 35 (1.7) | | 180.9 (53) | 174.2 (51.1) | 167.5 (49.1) | 160.9 (47.2) | 154.4 (45.3) | 147.8 (43.3) |
| KVS020H8-A Compressor 4DANR18ME | 45 (7.2) | | 249.0 (73) | 239.5 (70.2) | 229.8 (67.4) | 219.8 (64.4) | 209.6 (61.4) | 199.0 (58.3) |
| | 40 (4.4) | | 226.6 (66.4) | 218.0 (63.9) | 209.2 (61.3) | 200.1 (58.6) | 190.8 (55.9) | 181.2 (53.1) |
| | 35 (1.7) | | 205.6 (60.3) | 197.9 (58) | 189.9 (55.7) | 181.7 (53.3) | 173.3 (50.8) | 164.7 (48.3) |
| KVS022H8-A Compressor 4DBNR20ME | 45 (7.2) | | 280.9 (82.3) | 270.6 (79.3) | 260.4 (76.3) | 250.2 (73.3) | 239.9 (70.3) | 229.7 (67.3) |
| | 40 (4.4) | | 256.0 (75) | 246.6 (72.3) | 237.2 (69.5) | 227.7 (66.7) | 218.4 (64) | 209.0 (61.3) |
| | 35 (1.7) | | 232.7 (68.2) | 224.1 (65.7) | 215.5 (63.2) | 206.9 (60.6) | 198.2 (58.1) | 189.6 (55.6) |
| KVS025H8-A Compressor 4DHNR22ME | 45 (7.2) | | 300.6 (88.1) | 289.0 (84.7) | 277.1 (81.2) | 265.2 (77.7) | 253.3 (74.2) | 241.3 (70.7) |
| | 40 (4.4) | | 277.5 (81.3) | 266.6 (78.1) | 255.6 (74.9) | 244.4 (71.6) | 233.3 (68.4) | 222.2 (65.1) |
| | 35 (1.7) | | 254.4 (74.6) | 244.3 (71.6) | 234.0 (68.6) | 223.8 (65.6) | 213.5 (62.6) | 203.2 (59.6) |
| KVS030H8-A Compressor 4DJNR28ME | 45 (7.2) | | 350.7 (102.8) | 337.3 (98.9) | 323.6 (94.8) | 309.6 (90.7) | 295.5 (86.6) | 281.0 (82.4) |
| | 40 (4.4) | | 322.9 (94.6) | 310.5 (91) | 297.8 (87.3) | 284.9 (83.5) | 271.7 (79.6) | 258.4 (75.7) |
| | 35 (1.7) | | 295.8 (86.7) | 284.3 (83.3) | 272.7 (79.9) | 260.8 (76.4) | 248.7 (72.9) | 236.6 (69.3) |
| KVS035H8-A Compressor 6DHNR35ME | 45 (7.2) | | 439.0 (128.7) | 425.1 (124.6) | 410.9 (120.4) | 395.9 (116) | 380.3 (111.5) | 363.9 (106.6) |
| | 40 (4.4) | | 400.1 (117.3) | 387.2 (113.5) | 373.9 (109.6) | 360.2 (105.6) | 345.7 (101.3) | 330.5 (96.9) |
| | 35 (1.7) | | 364.8 (106.9) | 353.0 (103.5) | 340.7 (99.8) | 328.0 (96.1) | 314.8 (92.3) | 300.7 (88.1) |
| KVS040H8-A Compressor 6DJNR40ME | 45 (7.2) | | 523.1 (153.3) | 502.2 (147.2) | 481.0 (141) | 459.6 (134.7) | 438.1 (128.4) | 416.4 (122) |
| | 40 (4.4) | | 478.1 (140.1) | 459.6 (134.7) | 440.9 (129.2) | 422.0 (123.7) | 403.0 (118.1) | 383.8 (112.5) |
| | 35 (1.7) | | 436.5 (127.9) | 420.3 (123.2) | 403.9 (118.4) | 387.2 (113.5) | 370.5 (108.6) | 353.6 (103.6) |

NOTES: - Above ratings are based on mean temperature. - To convert to dew point ratings, use 0.95 multiplier.

CAPACITY DATA - R407A
MEDIUM TEMPERATURE

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R407A AMBIENT TEMPERATURE °F (°C) | | | | | | | |
|---|-------------------------------|--------------|--|---------------|---------------|---------------|---------------|---------------|--|--|
| | ° F | ° C | 85 (29.4) | 90 (32.2) | 95 (35.0) | 100 (37.8) | 105 (40.6) | 110 (43.3) | | |
| KVS015M8-A Compressor Model 3DS3R17ME | 30 (-1.1) | | 164.5 (48.2) | 158.6 (46.5) | 152.5 (44.7) | 146.5 (42.9) | 140.6 (41.2) | 134.6 (39.5) | | |
| | 25 (-3.9) | | 149.0 (43.7) | 143.5 (42.1) | 138.2 (40.5) | 132.8 (38.9) | 127.5 (37.4) | 122.2 (35.8) | | |
| | 20 (-6.7) | | 134.3 (39.4) | 129.5 (37.9) | 124.5 (36.5) | 119.7 (35.1) | 114.8 (33.6) | 109.9 (32.2) | | |
| | 15 (-9.4) | | 120.5 (35.3) | 116.1 (34) | 111.6 (32.7) | 107.2 (31.4) | 102.7 (30.1) | 98.2 (28.8) | | |
| | 10 (-12.2) | | 107.5 (31.5) | 103.5 (30.3) | 99.5 (29.2) | 95.3 (27.9) | 91.1 (26.7) | 86.9 (25.5) | | |
| | 5 (-15) | | 95.6 (28) | 91.9 (26.9) | 88.1 (25.8) | 84.2 (24.7) | 80.2 (23.5) | 76.1 (22.3) | | |
| 0 (-17.8) | | 84.5 (24.8) | 81.0 (23.7) | 77.4 (22.7) | 73.6 (21.6) | 69.7 (20.4) | 65.8 (19.3) | | | |
| KVS020M8-A Compressor Model 4DANR18ME | 30 (-1.1) | | 186.0 (54.5) | 179.0 (52.5) | 171.9 (50.4) | 164.6 (48.2) | 157.0 (46) | 149.3 (43.8) | | |
| | 25 (-3.9) | | 167.8 (49.2) | 161.5 (47.3) | 155.1 (45.5) | 148.6 (43.6) | 141.9 (41.6) | 135.0 (39.6) | | |
| | 20 (-6.7) | | 150.7 (44.2) | 145.1 (42.5) | 139.5 (40.9) | 133.7 (39.2) | 127.7 (37.4) | 121.6 (35.6) | | |
| | 15 (-9.4) | | 134.8 (39.5) | 129.9 (38.1) | 124.8 (36.6) | 119.8 (35.1) | 114.6 (33.6) | 109.2 (32) | | |
| | 10 (-12.2) | | 120.0 (35.2) | 115.6 (33.9) | 111.2 (32.6) | 106.8 (31.3) | 102.2 (30) | 97.6 (28.6) | | |
| | 5 (-15) | | 106.2 (31.1) | 102.3 (30) | 98.4 (28.8) | 94.6 (27.7) | 90.7 (26.6) | 86.7 (25.4) | | |
| 0 (-17.8) | | 93.3 (27.3) | 89.8 (26.3) | 86.4 (25.3) | 83.1 (24.4) | 79.8 (23.4) | 76.4 (22.4) | | | |
| KVS022M8-A Compressor Model 4DBNR20ME | 30 (-1.1) | | 210.9 (61.8) | 203.1 (59.5) | 195.2 (57.2) | 187.3 (54.9) | 179.4 (52.6) | 171.3 (50.2) | | |
| | 25 (-3.9) | | 190.6 (55.9) | 183.4 (53.8) | 176.3 (51.7) | 169.2 (49.6) | 162.0 (47.5) | 155.0 (45.4) | | |
| | 20 (-6.7) | | 171.7 (50.3) | 165.3 (48.4) | 158.8 (46.5) | 152.4 (44.7) | 145.8 (42.7) | 139.3 (40.8) | | |
| | 15 (-9.4) | | 154.1 (45.2) | 148.4 (43.5) | 142.6 (41.8) | 136.7 (40.1) | 130.9 (38.4) | 125.1 (36.6) | | |
| | 10 (-12.2) | | 138.0 (40.4) | 132.7 (38.9) | 127.6 (37.4) | 122.3 (35.8) | 117.1 (34.3) | 111.7 (32.7) | | |
| | 5 (-15) | | 123.0 (36) | 118.3 (34.7) | 113.6 (33.3) | 109.0 (31.9) | 104.3 (30.6) | 99.4 (29.1) | | |
| 0 (-17.8) | | 109.0 (31.9) | 104.9 (30.7) | 100.8 (29.5) | 96.6 (28.3) | 92.3 (27) | 88.0 (25.8) | | | |
| KVS025M8-A Compressor Model 4DHNR22ME | 30 (-1.1) | | 231.7 (67.9) | 222.4 (65.2) | 213.0 (62.4) | 203.5 (59.6) | 194.0 (56.9) | 184.6 (54.1) | | |
| | 25 (-3.9) | | 209.7 (61.5) | 201.1 (58.9) | 192.5 (56.4) | 183.8 (53.9) | 175.1 (51.3) | 166.3 (48.7) | | |
| | 20 (-6.7) | | 188.3 (55.2) | 180.6 (52.9) | 172.7 (50.6) | 164.9 (48.3) | 157.1 (46) | 149.1 (43.7) | | |
| | 15 (-9.4) | | 168.0 (49.2) | 161.1 (47.2) | 154.0 (45.1) | 146.9 (43.1) | 140.0 (41) | 133.1 (39) | | |
| | 10 (-12.2) | | 149.0 (43.7) | 142.8 (41.9) | 136.5 (40) | 130.2 (38.2) | 124.1 (36.4) | 118.1 (34.6) | | |
| | 5 (-15) | | 131.4 (38.5) | 125.9 (36.9) | 120.4 (35.3) | 115.0 (33.7) | 109.7 (32.2) | 104.6 (30.6) | | |
| 0 (-17.8) | | 115.5 (33.8) | 110.8 (32.5) | 106.2 (31.1) | 101.5 (29.8) | 97.0 (28.4) | 92.8 (27.2) | | | |
| KVS030M8-A Compressor Model 4DJNR28ME | 30 (-1.1) | | 269.5 (79) | 259.0 (75.9) | 248.4 (72.8) | 237.6 (69.6) | 226.7 (66.4) | 215.3 (63.1) | | |
| | 25 (-3.9) | | 244.3 (71.6) | 234.8 (68.8) | 225.2 (66) | 215.5 (63.1) | 205.6 (60.3) | 195.3 (57.2) | | |
| | 20 (-6.7) | | 220.2 (64.5) | 211.7 (62) | 203.0 (59.5) | 194.4 (57) | 185.5 (54.4) | 176.5 (51.7) | | |
| | 15 (-9.4) | | 197.3 (57.8) | 189.6 (55.6) | 182.0 (53.3) | 174.4 (51.1) | 166.7 (48.9) | 159.2 (46.7) | | |
| | 10 (-12.2) | | 175.8 (51.5) | 168.9 (49.5) | 162.3 (47.6) | 155.7 (45.6) | 149.1 (43.7) | 142.7 (41.8) | | |
| | 5 (-15) | | 155.5 (45.6) | 149.6 (43.9) | 143.9 (42.2) | 138.3 (40.5) | 132.9 (39) | 127.7 (37.4) | | |
| 0 (-17.8) | | 136.7 (40.1) | 131.7 (38.6) | 126.9 (37.2) | 122.3 (35.8) | 118.0 (34.6) | 113.9 (33.4) | | | |
| KVS035M8-A Compressor Model 6DHNR35ME | 30 (-1.1) | | 332.9 (97.5) | 322.0 (94.4) | 310.8 (91.1) | 299.3 (87.7) | 287.1 (84.1) | 274.3 (80.4) | | |
| | 25 (-3.9) | | 303.7 (89) | 293.8 (86.1) | 283.7 (83.1) | 273.2 (80.1) | 262.2 (76.8) | 250.5 (73.4) | | |
| | 20 (-6.7) | | 276.8 (81.1) | 268.0 (78.5) | 258.8 (75.9) | 249.5 (73.1) | 239.6 (70.2) | 229.1 (67.1) | | |
| | 15 (-9.4) | | 251.7 (73.8) | 243.8 (71.5) | 235.8 (69.1) | 227.5 (66.7) | 218.8 (64.1) | 209.5 (61.4) | | |
| | 10 (-12.2) | | 227.7 (66.7) | 221.0 (64.8) | 214.0 (62.7) | 206.9 (60.6) | 199.3 (58.4) | 191.2 (56) | | |
| | 5 (-15) | | 204.5 (59.9) | 198.8 (58.3) | 192.9 (56.5) | 186.8 (54.7) | 180.5 (52.9) | 173.6 (50.9) | | |
| 0 (-17.8) | | 181.4 (53.2) | 176.7 (51.8) | 171.9 (50.4) | 167.0 (48.9) | 161.7 (47.4) | 156.1 (45.8) | | | |
| KVS040M8-A Compressor Model 6DJNR40ME | 30 (-1.1) | | 398.4 (116.8) | 384.2 (112.6) | 369.8 (108.4) | 355.1 (104.1) | 340.4 (99.8) | 325.5 (95.4) | | |
| | 25 (-3.9) | | 363.2 (106.4) | 350.8 (102.8) | 338.1 (99.1) | 325.2 (95.3) | 312.1 (91.5) | 298.7 (87.5) | | |
| | 20 (-6.7) | | 330.6 (96.9) | 319.6 (93.7) | 308.3 (90.3) | 296.6 (86.9) | 284.9 (83.5) | 272.9 (80) | | |
| | 15 (-9.4) | | 300.0 (87.9) | 290.0 (85) | 279.6 (81.9) | 269.0 (78.8) | 258.2 (75.7) | 247.2 (72.4) | | |
| | 10 (-12.2) | | 270.7 (79.3) | 261.2 (76.6) | 251.5 (73.7) | 241.5 (70.8) | 231.2 (67.8) | 220.7 (64.7) | | |
| | 5 (-15) | | 241.9 (70.9) | 232.7 (68.2) | 223.1 (65.4) | 213.4 (62.5) | 203.3 (59.6) | 193.0 (56.6) | | |
| 0 (-17.8) | | 213.0 (62.4) | 203.6 (59.7) | 193.9 (56.8) | 183.9 (53.9) | 173.6 (50.9) | 163.2 (47.8) | | | |
| KVS050M8-A Compressor Model 6DUNR49ME | 30 (-1.1) | | 461.4 (135.2) | 446.4 (130.8) | 431.3 (126.4) | 416.2 (122) | 400.8 (117.5) | 385.0 (112.8) | | |
| | 25 (-3.9) | | 422.2 (123.7) | 408.6 (119.7) | 394.8 (115.7) | 380.8 (111.6) | 366.5 (107.4) | 351.6 (103.1) | | |
| | 20 (-6.7) | | 384.4 (112.7) | 371.9 (109) | 359.3 (105.3) | 346.2 (101.5) | 332.7 (97.5) | 318.8 (93.4) | | |
| | 15 (-9.4) | | 348.2 (102) | 336.6 (98.7) | 324.8 (95.2) | 312.5 (91.6) | 299.8 (87.9) | 286.3 (83.9) | | |
| | 10 (-12.2) | | 313.4 (91.9) | 302.6 (88.7) | 291.4 (85.4) | 279.7 (82) | 267.3 (78.3) | 254.3 (74.5) | | |
| | 5 (-15) | | 280.1 (82.1) | 269.9 (79.1) | 259.0 (75.9) | 247.7 (72.6) | 235.5 (69) | 222.6 (65.2) | | |
| 0 (-17.8) | | 248.4 (72.8) | 238.5 (69.9) | 227.7 (66.7) | 216.4 (63.4) | 204.3 (59.9) | 191.3 (56.1) | | | |

NOTES: - Above ratings are based on mean temperature. - To convert to dew point ratings, use 0.95 multiplier.

CAPACITY DATA - R407A
LOW TEMPERATURE

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R407A AMBIENT TEMPERATURE °F (°C) | | | | | | | | | | | |
|---|-------------------------------|---------|---|--------|-----------|--------|---------|--------|------------|--------|------------|--------|------------|--------|
| | ° F | ° C | 85 (29.4) | | 90 (32.2) | | 95 (35) | | 100 (37.8) | | 105 (40.6) | | 110 (43.3) | |
| | | | | | | | | | | | | | | |
| KVS010L8-A Compressor Model 3DS3F46KE | 0 | (-17.8) | 80.5 | (23.6) | 77.5 | (22.7) | 74.3 | (21.8) | 71.2 | (20.9) | 67.9 | (19.9) | 64.6 | (18.9) |
| | -5 | (-20.6) | 71.4 | (20.9) | 68.6 | (20.1) | 65.6 | (19.2) | 62.6 | (18.3) | 59.6 | (17.5) | 56.5 | (16.6) |
| | -10 | (-23.3) | 63.0 | (18.5) | 60.4 | (17.7) | 57.6 | (16.9) | 54.8 | (16.1) | 52.0 | (15.2) | 49.1 | (14.4) |
| | -15 | (-26.1) | 55.3 | (16.2) | 52.8 | (15.5) | 50.3 | (14.7) | 47.8 | (14) | 45.2 | (13.2) | 42.4 | (12.4) |
| | -20 | (-28.9) | 48.2 | (14.1) | 45.9 | (13.4) | 43.6 | (12.8) | 41.2 | (12.1) | 38.7 | (11.4) | 36.3 | (10.6) |
| | -25 | (-31.7) | 41.6 | (12.2) | 39.5 | (11.6) | 37.3 | (10.9) | 35.1 | (10.3) | 32.9 | (9.6) | 30.7 | (9) |
| | -30 | (-34.4) | 35.4 | (10.4) | 33.4 | (9.8) | 31.4 | (9.2) | 29.4 | (8.6) | 27.4 | (8) | 25.4 | (7.4) |
| | -35 | (-37.2) | 29.4 | (8.6) | 27.6 | (8.1) | 25.8 | (7.6) | 23.9 | (7) | 22.2 | (6.5) | 20.4 | (6) |
| -40 | (-40) | 23.6 | (6.9) | 21.9 | (6.4) | 20.4 | (6) | 18.7 | (5.5) | 17.1 | (5) | 15.4 | (4.5) | |
| KVS015L8-A Compressor Model 4DHN63KE | 0 | (-17.8) | 107.2 | (31.4) | 102.6 | (30.1) | 98.1 | (28.7) | 93.6 | (27.4) | 88.9 | (26.1) | --- | --- |
| | -5 | (-20.6) | 96.1 | (28.2) | 92.0 | (27) | 87.9 | (25.8) | 83.8 | (24.6) | 79.6 | (23.3) | --- | --- |
| | -10 | (-23.3) | 85.6 | (25.1) | 81.9 | (24) | 78.1 | (22.9) | 74.4 | (21.8) | 70.7 | (20.7) | 66.9 | (19.6) |
| | -15 | (-26.1) | 75.6 | (22.2) | 72.3 | (21.2) | 68.9 | (20.2) | 65.5 | (19.2) | 62.1 | (18.2) | 58.6 | (17.2) |
| | -20 | (-28.9) | 66.3 | (19.4) | 63.2 | (18.5) | 60.2 | (17.6) | 57.1 | (16.7) | 54.0 | (15.8) | 50.8 | (14.9) |
| | -25 | (-31.7) | 57.4 | (16.8) | 54.7 | (16) | 52.0 | (15.2) | 49.1 | (14.4) | 46.3 | (13.6) | 43.4 | (12.7) |
| | -30 | (-34.4) | 49.2 | (14.4) | 46.8 | (13.7) | 44.3 | (13) | 41.7 | (12.2) | 39.1 | (11.4) | 36.4 | (10.7) |
| | -35 | (-37.2) | 41.8 | (12.2) | 39.5 | (11.6) | 37.2 | (10.9) | 34.9 | (10.2) | 32.3 | (9.5) | 29.9 | (8.8) |
| -40 | (-40) | 34.9 | (10.2) | 32.9 | (9.6) | 30.7 | (9) | 28.5 | (8.3) | 26.1 | (7.7) | 23.8 | (7) | |
| KVS022L8-A Compressor Model 4DJNF76KE | 0 | (-17.8) | 139.5 | (40.9) | 133.9 | (39.2) | 128.2 | (37.6) | 122.5 | (35.9) | 116.7 | (34.2) | --- | --- |
| | -5 | (-20.6) | 123.6 | (36.2) | 118.4 | (34.7) | 113.1 | (33.1) | 107.7 | (31.6) | 102.3 | (30) | 96.8 | (28.4) |
| | -10 | (-23.3) | 108.8 | (31.9) | 104.0 | (30.5) | 99.1 | (29) | 94.2 | (27.6) | 89.1 | (26.1) | 84.0 | (24.6) |
| | -15 | (-26.1) | 95.1 | (27.9) | 90.7 | (26.6) | 86.3 | (25.3) | 81.9 | (24) | 77.3 | (22.6) | 72.6 | (21.3) |
| | -20 | (-28.9) | 82.6 | (24.2) | 78.8 | (23.1) | 74.9 | (21.9) | 70.8 | (20.7) | 66.7 | (19.5) | 62.5 | (18.3) |
| | -25 | (-31.7) | 71.5 | (21) | 68.0 | (19.9) | 64.6 | (18.9) | 61.1 | (17.9) | 57.4 | (16.8) | 53.8 | (15.8) |
| | -30 | (-34.4) | 61.6 | (18.1) | 58.8 | (17.2) | 55.8 | (16.3) | 52.7 | (15.4) | 49.7 | (14.6) | 46.4 | (13.6) |
| | -35 | (-37.2) | 53.2 | (15.6) | 50.8 | (14.9) | 48.4 | (14.2) | 46.0 | (13.5) | 43.4 | (12.7) | 40.6 | (11.9) |
| -40 | (-40) | 46.3 | (13.6) | 44.5 | (13) | 42.6 | (12.5) | 40.6 | (11.9) | 38.6 | (11.3) | 36.5 | (10.7) | |
| KVS027L8-A Compressor Model 6DHN93KE | 0 | (-17.8) | 169.3 | (49.6) | 162.8 | (47.7) | 155.7 | (45.6) | 148.4 | (43.5) | 140.7 | (41.2) | --- | --- |
| | -5 | (-20.6) | 147.5 | (43.2) | 141.6 | (41.5) | 135.5 | (39.7) | 128.9 | (37.8) | 122.0 | (35.8) | 114.8 | (33.6) |
| | -10 | (-23.3) | 128.9 | (37.8) | 123.7 | (36.2) | 118.1 | (34.6) | 112.2 | (32.9) | 105.9 | (31) | 99.4 | (29.1) |
| | -15 | (-26.1) | 112.9 | (33.1) | 108.2 | (31.7) | 103.1 | (30.2) | 97.8 | (28.6) | 92.1 | (27) | 86.1 | (25.2) |
| | -20 | (-28.9) | 98.9 | (29) | 94.6 | (27.7) | 89.9 | (26.3) | 84.9 | (24.9) | 79.8 | (23.4) | 74.2 | (21.8) |
| | -25 | (-31.7) | 86.3 | (25.3) | 82.2 | (24.1) | 77.9 | (22.8) | 73.3 | (21.5) | 68.4 | (20) | 63.2 | (18.5) |
| | -30 | (-34.4) | 74.6 | (21.8) | 70.6 | (20.7) | 66.4 | (19.4) | 61.8 | (18.1) | 57.2 | (16.8) | 52.4 | (15.4) |
| | -35 | (-37.2) | 62.8 | (18.4) | 58.8 | (17.2) | 54.6 | (16) | 50.3 | (14.7) | 45.8 | (13.4) | 41.1 | (12) |
| -40 | (-40) | 50.4 | (14.8) | 46.4 | (13.6) | 42.2 | (12.4) | 37.9 | (11.1) | 33.4 | (9.8) | 28.8 | (8.4) | |
| KVS030L8-A Compressor Model 6DJNF11ME | 0 | (-17.8) | 196.1 | (57.5) | 188.4 | (55.2) | 180.4 | (52.9) | 172.1 | (50.4) | 163.6 | (47.9) | --- | --- |
| | -5 | (-20.6) | 174.3 | (51.1) | 167.2 | (49) | 159.8 | (46.8) | 152.3 | (44.6) | 144.3 | (42.3) | --- | --- |
| | -10 | (-23.3) | 154.1 | (45.2) | 147.6 | (43.3) | 140.9 | (41.3) | 133.9 | (39.2) | 126.6 | (37.1) | 118.9 | (34.8) |
| | -15 | (-26.1) | 135.6 | (39.7) | 129.6 | (38) | 123.5 | (36.2) | 117.0 | (34.3) | 110.1 | (32.3) | 103.0 | (30.2) |
| | -20 | (-28.9) | 118.2 | (34.6) | 112.8 | (33) | 107.1 | (31.4) | 101.1 | (29.6) | 94.7 | (27.8) | 88.0 | (25.8) |
| | -25 | (-31.7) | 102.1 | (29.9) | 97.0 | (28.4) | 91.7 | (26.9) | 86.1 | (25.2) | 80.1 | (23.5) | 73.7 | (21.6) |
| | -30 | (-34.4) | 86.5 | (25.4) | 81.9 | (24) | 76.9 | (22.5) | 71.6 | (21) | 65.9 | (19.3) | 59.7 | (17.5) |
| | -35 | (-37.2) | 71.6 | (21) | 67.2 | (19.7) | 62.5 | (18.3) | 57.3 | (16.8) | 51.9 | (15.2) | 46.0 | (13.5) |
| -40 | (-40) | 56.8 | (16.6) | 52.6 | (15.4) | 48.1 | (14.1) | 43.2 | (12.6) | 37.8 | (11.1) | 32.0 | (9.4) | |
| KVS040L8-A Compressor Model 6DUNF13ME | 0 | (-17.8) | 222.8 | (65.3) | 214.9 | (63) | 207.1 | (60.7) | 199.2 | (58.4) | 191.0 | (56) | --- | --- |
| | -5 | (-20.6) | 200.6 | (58.8) | 193.4 | (56.7) | 186.1 | (54.5) | 178.7 | (52.4) | 171.0 | (50.1) | --- | --- |
| | -10 | (-23.3) | 178.7 | (52.4) | 172.1 | (50.4) | 165.3 | (48.4) | 158.3 | (46.4) | 151.1 | (44.3) | --- | --- |
| | -15 | (-26.1) | 157.5 | (46.2) | 151.3 | (44.3) | 145.0 | (42.5) | 138.5 | (40.6) | 131.6 | (38.6) | 124.4 | (36.5) |
| | -20 | (-28.9) | 137.2 | (40.2) | 131.5 | (38.5) | 125.5 | (36.8) | 119.3 | (35) | 112.7 | (33) | 105.7 | (31) |
| | -25 | (-31.7) | 118.2 | (34.6) | 112.8 | (33) | 107.1 | (31.4) | 101.1 | (29.6) | 94.7 | (27.8) | 87.9 | (25.8) |
| | -30 | (-34.4) | 100.7 | (29.5) | 95.6 | (28) | 90.1 | (26.4) | 84.2 | (24.7) | 77.9 | (22.8) | 71.2 | (20.9) |
| | -35 | (-37.2) | 85.2 | (25) | 80.1 | (23.5) | 74.7 | (21.9) | 68.9 | (20.2) | 62.6 | (18.3) | 55.9 | (16.4) |
| -40 | (-40) | 71.6 | (21) | 66.6 | (19.5) | 61.2 | (17.9) | 55.3 | (16.2) | 49.0 | (14.4) | 42.2 | (12.4) | |

NOTES: - Above ratings are based on mean temperature. - To convert to dew point ratings, use 0.95 multiplier.

CAPACITY DATA - R407A
LOW TEMPERATURE MODELS
w/ 850RPM CONDENSER FAN MOTOR(S)

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R407A AMBIENT TEMPERATURE °F (°C) | | | | | | | | | |
|---|-------------------------------|-----|--|-------------|-------------|-------------|-------------|-------------|---|---|---|---|
| | ° F | ° C | 85 (29.4) | 90 (32.2) | 95 (35) | 100 (37.8) | 105 (40.6) | 110 (43.3) | | | | |
| KVS010D8-A Compressor Model 3DS3F46KE | 0 (-17.8) | | 79.3 -23.2 | 76.2 -22.3 | 73.1 -21.4 | 69.9 -20.5 | 66.7 -19.5 | - | - | - | - | - |
| | -5 (-20.6) | | 70.3 -20.6 | 67.5 -19.8 | 64.6 -18.9 | 61.6 -18.1 | 58.5 -17.1 | 55.4 -16.2 | | | | |
| | -10 (-23.3) | | 62.1 -18.2 | 59.4 -17.4 | 56.7 -16.6 | 54.0 -15.8 | 51.1 -15.0 | 48.3 -14.2 | | | | |
| | -15 (-26.1) | | 54.6 -16.0 | 52.1 -15.3 | 49.5 -14.5 | 47.0 -13.8 | 44.4 -13.0 | 41.7 -12.2 | | | | |
| | -20 (-28.9) | | 47.6 -14.0 | 45.3 -13.3 | 42.9 -12.6 | 40.6 -11.9 | 38.2 -11.2 | 35.7 -10.5 | | | | |
| | -25 (-31.7) | | 41.1 -12.0 | 38.9 -11.4 | 36.8 -10.8 | 34.6 -10.1 | 32.4 -9.5 | 30.2 -8.9 | | | | |
| | -30 (-34.4) | | 34.9 -10.2 | 33.0 -9.7 | 31.0 -9.1 | 29.0 -8.5 | 27.0 -7.9 | 25.0 -7.3 | | | | |
| | -35 (-37.2) | | 29.1 -8.5 | 27.2 -8.0 | 25.5 -7.5 | 23.6 -6.9 | 21.8 -6.4 | 20.0 -5.9 | | | | |
| | -40 (-40) | | 23.3 -6.8 | 21.7 -6.4 | 20.1 -5.9 | 18.4 -5.4 | 16.8 -4.9 | 15.2 -4.5 | | | | |
| KVS015D8-A Compressor Model 4DHNF63KE | 0 (-17.8) | | 104.5 -30.6 | 100.0 -29.3 | 95.5 -28.0 | 91.0 -26.7 | - | - | - | - | - | - |
| | -5 (-20.6) | | 93.9 -27.5 | 89.8 -26.3 | 85.8 -25.1 | 81.6 -23.9 | 77.5 -22.7 | 75.0 -21.7 | | | | |
| | -10 (-23.3) | | 83.8 -24.6 | 80.1 -23.5 | 76.4 -22.4 | 72.7 -21.3 | 68.9 -20.2 | 66.0 -19.2 | | | | |
| | -15 (-26.1) | | 74.2 -21.7 | 70.8 -20.8 | 67.5 -19.8 | 64.1 -18.8 | 60.6 -17.8 | 57.2 -16.8 | | | | |
| | -20 (-28.9) | | 65.0 -19.1 | 62.0 -18.2 | 59.0 -17.3 | 55.9 -16.4 | 52.8 -15.5 | 49.7 -14.6 | | | | |
| | -25 (-31.7) | | 56.5 -16.6 | 53.7 -15.7 | 51.0 -14.9 | 48.2 -14.1 | 45.3 -13.3 | 42.4 -12.4 | | | | |
| | -30 (-34.4) | | 48.5 -14.2 | 46.0 -13.5 | 43.5 -12.7 | 40.9 -12.0 | 38.3 -11.2 | 35.6 -10.4 | | | | |
| | -35 (-37.2) | | 41.1 -12.0 | 38.8 -11.4 | 36.5 -10.7 | 34.1 -10.0 | 31.7 -9.3 | 29.2 -8.6 | | | | |
| | -40 (-40) | | 34.3 -10.1 | 32.3 -9.5 | 30.1 -8.8 | 27.9 -8.2 | 25.6 -7.5 | 23.3 -6.8 | | | | |
| KVS022D8-A Compressor Model 4DJNF76KE | 0 (-17.8) | | 137.3 -40.2 | 131.7 -38.6 | 126.1 -37.0 | 120.3 -35.3 | 114.5 -33.6 | - | - | - | - | - |
| | -5 (-20.6) | | 121.7 -35.7 | 116.6 -34.2 | 111.3 -32.6 | 105.9 -31.0 | 100.5 -29.5 | 97.5 -28.5 | | | | |
| | -10 (-23.3) | | 107.2 -31.4 | 102.4 -30.0 | 97.6 -28.6 | 92.7 -27.2 | 87.7 -25.7 | 82.5 -24.2 | | | | |
| | -15 (-26.1) | | 93.8 -27.5 | 89.5 -26.2 | 85.1 -24.9 | 80.6 -23.6 | 76.0 -22.3 | 71.3 -20.9 | | | | |
| | -20 (-28.9) | | 81.6 -23.9 | 77.7 -22.8 | 73.8 -21.6 | 69.8 -20.5 | 65.6 -19.2 | 61.4 -18.0 | | | | |
| | -25 (-31.7) | | 70.7 -20.7 | 67.3 -19.7 | 63.8 -18.7 | 60.2 -17.6 | 56.6 -16.6 | 52.9 -15.5 | | | | |
| | -30 (-34.4) | | 61.0 -17.9 | 58.1 -17.0 | 55.2 -16.2 | 52.1 -15.3 | 49.0 -14.4 | 45.8 -13.4 | | | | |
| | -35 (-37.2) | | 52.7 -15.4 | 50.4 -14.8 | 48.0 -14.1 | 45.5 -13.3 | 42.9 -12.6 | 40.2 -11.8 | | | | |
| | -40 (-40) | | 45.9 -13.5 | 44.1 -12.9 | 42.3 -12.4 | 40.3 -11.8 | 38.3 -11.2 | 36.2 -10.6 | | | | |
| KVS027D8-A Compressor Model 6DHNF93KE | 0 (-17.8) | | 166.5 -48.8 | 159.9 -46.9 | 152.8 -44.8 | 145.4 -42.6 | 137.6 -40.3 | - | - | - | - | - |
| | -5 (-20.6) | | 145.3 -42.6 | 139.4 -40.9 | 133.1 -39.0 | 126.5 -37.1 | 119.5 -35.0 | 112.2 -32.9 | | | | |
| | -10 (-23.3) | | 127.2 -37.3 | 121.9 -35.7 | 116.2 -34.1 | 110.3 -32.3 | 104.0 -30.5 | 97.3 -28.5 | | | | |
| | -15 (-26.1) | | 111.5 -32.7 | 106.7 -31.3 | 101.6 -29.8 | 96.1 -28.2 | 90.4 -26.5 | 84.4 -24.7 | | | | |
| | -20 (-28.9) | | 97.7 -28.6 | 93.3 -27.3 | 88.6 -26.0 | 83.6 -24.5 | 78.4 -23.0 | 72.8 -21.3 | | | | |
| | -25 (-31.7) | | 85.3 -25.0 | 81.1 -23.8 | 76.7 -22.5 | 72.1 -21.1 | 67.2 -19.7 | 62.0 -18.2 | | | | |
| | -30 (-34.4) | | 73.6 -21.6 | 69.6 -20.4 | 65.4 -19.2 | 60.9 -17.8 | 56.2 -16.5 | 51.4 -15.1 | | | | |
| | -35 (-37.2) | | 61.9 -18.1 | 58.0 -17.0 | 53.8 -15.8 | 49.5 -14.5 | 45.0 -13.2 | 40.2 -11.8 | | | | |
| | -40 (-40) | | 49.7 -14.6 | 45.7 -13.4 | 41.5 -12.2 | 37.1 -10.9 | 32.7 -9.6 | 28.0 -8.2 | | | | |

NOTES: - Above ratings are based on mean temperature. - To convert to dew point ratings, use 0.95 multiplier.

CAPACITY DATA - R448A R449A
HIGH TEMPERATURE

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R448A R449A | | | | | | AMBIENT TEMPERATURE °F (°C) | |
|---------------------------------------|-------------------------------|----|-------------------------------|---------------|---------------|---------------|---------------|---------------|-----------------------------|--|
| | °F | °C | 85 (29.4) | 90 (32.2) | 95 (35.0) | 100 (37.8) | 105 (40.6) | 110 (43.3) | | |
| KVS015H8-A Compressor 3DS3R17ME | 45 (7.2) | | 221.6 (64.9) | 213.2 (62.5) | 204.8 (60) | 196.5 (57.6) | 188.3 (55.2) | 180.1 (52.8) | | |
| | 40 (4.4) | | 204.0 (59.8) | 196.5 (57.6) | 188.9 (55.4) | 181.3 (53.1) | 173.9 (51) | 166.5 (48.8) | | |
| | 35 (1.7) | | 187.0 (54.8) | 180.2 (52.8) | 173.4 (50.8) | 166.6 (48.8) | 159.9 (46.9) | 153.3 (44.9) | | |
| KVS020H8-A Compressor 4DANR18ME | 45 (7.2) | | 250.8 (73.5) | 241.5 (70.8) | 231.9 (68) | 221.9 (65) | 211.5 (62) | 200.8 (58.9) | | |
| | 40 (4.4) | | 229.1 (67.1) | 220.7 (64.7) | 211.9 (62.1) | 202.8 (59.4) | 193.5 (56.7) | 183.7 (53.8) | | |
| | 35 (1.7) | | 208.6 (61.1) | 201.0 (58.9) | 193.1 (56.6) | 184.9 (54.2) | 176.5 (51.7) | 167.7 (49.2) | | |
| KVS022H8-A Compressor 4DBNR20ME | 45 (7.2) | | 283.4 (83.1) | 273.2 (80.1) | 263.0 (77.1) | 252.7 (74.1) | 242.4 (71) | 232.2 (68.1) | | |
| | 40 (4.4) | | 259.2 (76) | 249.9 (73.2) | 240.6 (70.5) | 231.1 (67.7) | 221.7 (65) | 212.2 (62.2) | | |
| | 35 (1.7) | | 236.5 (69.3) | 228.0 (66.8) | 219.3 (64.3) | 210.7 (61.7) | 202.1 (59.2) | 193.3 (56.7) | | |
| KVS025H8-A Compressor 4DHNR22ME | 45 (7.2) | | 305.6 (89.6) | 294.5 (86.3) | 283.4 (83.1) | 272.3 (79.8) | 261.1 (76.5) | --- | | |
| | 40 (4.4) | | 280.0 (82.1) | 269.9 (79.1) | 259.7 (76.1) | 249.4 (73.1) | 239.1 (70.1) | --- | | |
| | 35 (1.7) | | 255.8 (75) | 246.5 (72.2) | 237.2 (69.5) | 227.7 (66.7) | 218.3 (64) | 208.7 (61.2) | | |
| KVS030H8-A Compressor 4DJNR28ME | 45 (7.2) | | 353.2 (103.5) | 340.3 (99.7) | 327.0 (95.8) | 313.3 (91.8) | 299.3 (87.7) | --- | | |
| | 40 (4.4) | | 326.4 (95.7) | 314.5 (92.2) | 302.2 (88.6) | 289.5 (84.8) | 276.5 (81) | --- | | |
| | 35 (1.7) | | 300.4 (88) | 289.4 (84.8) | 278.0 (81.5) | 266.4 (78.1) | 254.4 (74.6) | 242.0 (70.9) | | |
| KVS035H8-A Compressor 6DHNR35ME | 45 (7.2) | | 435.3 (127.6) | 420.3 (123.2) | 405.4 (118.8) | 390.5 (114.4) | 375.5 (110) | --- | | |
| | 40 (4.4) | | 403.4 (118.2) | 389.9 (114.3) | 376.3 (110.3) | 362.7 (106.3) | 349.1 (102.3) | --- | | |
| | 35 (1.7) | | 371.7 (108.9) | 359.4 (105.3) | 347.2 (101.8) | 335.0 (98.2) | 322.7 (94.6) | 310.4 (91) | | |
| KVS040H8-A Compressor 6DJNR40ME | 45 (7.2) | | 516.5 (151.4) | 498.6 (146.1) | 480.8 (140.9) | 462.9 (135.7) | 445.1 (130.4) | --- | | |
| | 40 (4.4) | | 478.8 (140.3) | 462.6 (135.6) | 446.4 (130.8) | 430.2 (126.1) | 414.0 (121.3) | --- | | |
| | 35 (1.7) | | 441.3 (129.3) | 426.6 (125) | 412.0 (120.7) | 397.4 (116.5) | 382.7 (112.2) | 368.1 (107.9) | | |

NOTES: - Above ratings are based on mean temperature. - To convert to dew point ratings, use 0.95 multiplier.

CAPACITY DATA - R448A R449A
MEDIUM TEMPERATURE

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R448A R449A AMBIENT TEMPERATURE °F (°C) | | | | | |
|---|-------------------------------|--------------|--|---------------|---------------|---------------|---------------|---------------|
| | °F | °C | 85 (29.4) | 90 (32.2) | 95 (35.0) | 100 (37.8) | 105 (40.6) | 110 (43.3) |
| KVS015M8-A Compressor Model 3DS3R17ME | 30 (-1.1) | | 170.6 (50) | 164.5 (48.2) | 158.4 (46.4) | 152.4 (44.7) | 146.3 (42.9) | 140.3 (41.1) |
| | 25 (-3.9) | | 154.9 (45.4) | 149.4 (43.8) | 144.0 (42.2) | 138.5 (40.6) | 133.0 (39) | 127.7 (37.4) |
| | 20 (-6.7) | | 140.0 (41) | 135.0 (39.6) | 130.1 (38.1) | 125.2 (36.7) | 120.3 (35.3) | 115.4 (33.8) |
| | 15 (-9.4) | | 125.8 (36.9) | 121.4 (35.6) | 117.0 (34.3) | 112.5 (33) | 108.0 (31.7) | 103.6 (30.4) |
| | 10 (-12.2) | | 112.5 (33) | 108.5 (31.8) | 104.5 (30.6) | 100.4 (29.4) | 96.3 (28.2) | 92.3 (27) |
| | 5 (-15) | | 100.1 (29.3) | 96.4 (28.2) | 92.7 (27.2) | 88.9 (26.1) | 85.2 (25) | 81.4 (23.8) |
| 0 (-17.8) | | 88.6 (26) | 85.3 (25) | 81.8 (24) | 78.2 (22.9) | 74.7 (21.9) | 71.1 (20.8) | |
| KVS020M8-A Compressor Model 4DANR18ME | 30 (-1.1) | | 189.4 (55.5) | 182.5 (53.5) | 175.4 (51.4) | 168.1 (49.3) | 160.5 (47) | 152.6 (44.7) |
| | 25 (-3.9) | | 171.3 (50.2) | 165.1 (48.4) | 158.8 (46.5) | 152.3 (44.6) | 145.5 (42.6) | 138.5 (40.6) |
| | 20 (-6.7) | | 154.3 (45.2) | 148.8 (43.6) | 143.2 (42) | 137.4 (40.3) | 131.4 (38.5) | 125.2 (36.7) |
| | 15 (-9.4) | | 138.3 (40.5) | 133.5 (39.1) | 128.5 (37.7) | 123.4 (36.2) | 118.2 (34.6) | 112.8 (33.1) |
| | 10 (-12.2) | | 123.4 (36.2) | 119.0 (34.9) | 114.7 (33.6) | 110.2 (32.3) | 105.7 (31) | 101.0 (29.6) |
| | 5 (-15) | | 109.3 (32) | 105.5 (30.9) | 101.7 (29.8) | 97.8 (28.7) | 93.9 (27.5) | 89.8 (26.3) |
| 0 (-17.8) | | 96.1 (28.2) | 92.7 (27.2) | 89.3 (26.2) | 86.0 (25.2) | 82.6 (24.2) | 79.2 (23.2) | |
| KVS022M8-A Compressor Model 4DBNR20ME | 30 (-1.1) | | 215.0 (63) | 207.3 (60.7) | 199.4 (58.4) | 191.6 (56.2) | 183.6 (53.8) | 175.7 (51.5) |
| | 25 (-3.9) | | 194.9 (57.1) | 187.8 (55.1) | 180.7 (53) | 173.6 (50.9) | 166.4 (48.8) | 159.2 (46.7) |
| | 20 (-6.7) | | 176.0 (51.6) | 169.7 (49.7) | 163.3 (47.9) | 156.8 (45.9) | 150.3 (44) | 143.6 (42.1) |
| | 15 (-9.4) | | 158.3 (46.4) | 152.7 (44.7) | 146.9 (43.1) | 141.1 (41.4) | 135.2 (39.6) | 129.3 (37.9) |
| | 10 (-12.2) | | 142.0 (41.6) | 136.8 (40.1) | 131.7 (38.6) | 126.4 (37) | 121.2 (35.5) | 115.7 (33.9) |
| | 5 (-15) | | 126.6 (37.1) | 122.1 (35.8) | 117.5 (34.4) | 112.8 (33) | 107.9 (31.6) | 103.1 (30.2) |
| 0 (-17.8) | | 112.5 (33) | 108.4 (31.8) | 104.3 (30.6) | 100.0 (29.3) | 95.7 (28) | 91.2 (26.7) | |
| KVS025M8-A Compressor Model 4DHNR22ME | 30 (-1.1) | | 232.9 (68.3) | 224.4 (65.8) | 215.9 (63.3) | 207.3 (60.7) | 198.7 (58.2) | 189.9 (55.7) |
| | 25 (-3.9) | | 211.4 (61.9) | 203.7 (59.7) | 195.9 (57.4) | 188.1 (55.1) | 180.2 (52.8) | 172.2 (50.5) |
| | 20 (-6.7) | | 191.1 (56) | 184.2 (54) | 177.1 (51.9) | 170.1 (49.9) | 162.9 (47.7) | 155.6 (45.6) |
| | 15 (-9.4) | | 172.1 (50.4) | 165.9 (48.6) | 159.6 (46.8) | 153.2 (44.9) | 146.7 (43) | 140.2 (41.1) |
| | 10 (-12.2) | | 154.5 (45.3) | 148.9 (43.6) | 143.1 (41.9) | 137.4 (40.3) | 131.6 (38.6) | 125.6 (36.8) |
| | 5 (-15) | | 138.0 (40.4) | 132.9 (39) | 127.8 (37.4) | 122.6 (35.9) | 117.4 (34.4) | 111.9 (32.8) |
| 0 (-17.8) | | 122.5 (35.9) | 118.0 (34.6) | 113.5 (33.3) | 108.8 (31.9) | 104.1 (30.5) | 99.2 (29.1) | |
| KVS030M8-A Compressor Model 4DJNR28ME | 30 (-1.1) | | 275.2 (80.7) | 265.1 (77.7) | 254.7 (74.7) | 244.0 (71.5) | 233.0 (68.3) | 221.7 (65) |
| | 25 (-3.9) | | 251.0 (73.5) | 241.7 (70.8) | 232.2 (68) | 222.4 (65.2) | 212.3 (62.2) | 202.0 (59.2) |
| | 20 (-6.7) | | 227.5 (66.7) | 219.1 (64.2) | 210.5 (61.7) | 201.6 (59.1) | 192.5 (56.4) | 183.0 (53.6) |
| | 15 (-9.4) | | 205.1 (60.1) | 197.4 (57.9) | 189.6 (55.6) | 181.5 (53.2) | 173.3 (50.8) | 164.7 (48.3) |
| | 10 (-12.2) | | 183.5 (53.8) | 176.6 (51.8) | 169.6 (49.7) | 162.3 (47.6) | 154.9 (45.4) | 147.2 (43.1) |
| | 5 (-15) | | 163.0 (47.8) | 156.8 (45.9) | 150.4 (44.1) | 143.9 (42.2) | 137.1 (40.2) | 130.3 (38.2) |
| 0 (-17.8) | | 143.2 (42) | 137.7 (40.3) | 132.0 (38.7) | 126.1 (37) | 120.1 (35.2) | 114.0 (33.4) | |
| KVS035M8-A Compressor Model 6DHNR35ME | 30 (-1.1) | | 340.5 (99.8) | 329.5 (96.6) | 318.5 (93.3) | 307.4 (90.1) | 296.4 (86.9) | 285.3 (83.6) |
| | 25 (-3.9) | | 310.1 (90.9) | 300.2 (88) | 290.3 (85.1) | 280.5 (82.2) | 270.5 (79.3) | 260.4 (76.3) |
| | 20 (-6.7) | | 280.6 (82.2) | 271.7 (79.6) | 262.9 (77.1) | 254.1 (74.5) | 245.1 (71.8) | 236.0 (69.2) |
| | 15 (-9.4) | | 252.4 (74) | 244.5 (71.7) | 236.7 (69.4) | 228.6 (67) | 220.5 (64.6) | 212.3 (62.2) |
| | 10 (-12.2) | | 225.9 (66.2) | 218.7 (64.1) | 211.6 (62) | 204.4 (59.9) | 197.1 (57.8) | 189.6 (55.6) |
| | 5 (-15) | | 201.1 (58.9) | 194.7 (57.1) | 188.2 (55.1) | 181.5 (53.2) | 174.8 (51.2) | 168.0 (49.2) |
| 0 (-17.8) | | 178.3 (52.3) | 172.4 (50.5) | 166.5 (48.8) | 160.4 (47) | 154.1 (45.2) | 147.7 (43.3) | |
| KVS040M8-A Compressor Model 6DJNR40ME | 30 (-1.1) | | 404.3 (118.5) | 391.0 (114.6) | 377.9 (110.7) | 364.8 (106.9) | 351.6 (103.1) | 338.4 (99.2) |
| | 25 (-3.9) | | 368.0 (107.9) | 356.3 (104.4) | 344.5 (101) | 332.6 (97.5) | 320.8 (94) | 308.9 (90.5) |
| | 20 (-6.7) | | 333.0 (97.6) | 322.5 (94.5) | 312.0 (91.4) | 301.4 (88.3) | 290.7 (85.2) | 280.0 (82.1) |
| | 15 (-9.4) | | 299.5 (87.8) | 290.1 (85) | 280.7 (82.3) | 271.2 (79.5) | 261.7 (76.7) | 251.9 (73.8) |
| | 10 (-12.2) | | 267.9 (78.5) | 259.5 (76) | 251.0 (73.5) | 242.4 (71.1) | 233.8 (68.5) | 225.0 (65.9) |
| | 5 (-15) | | 238.4 (69.9) | 230.8 (67.6) | 223.1 (65.4) | 215.4 (63.1) | 207.6 (60.8) | 199.5 (58.5) |
| 0 (-17.8) | | 211.5 (62) | 204.5 (59.9) | 197.5 (57.9) | 190.4 (55.8) | 183.1 (53.7) | 175.8 (51.5) | |
| KVS050M8-A Compressor Model 6DUNR49ME | 30 (-1.1) | | 471.0 (138) | 455.6 (133.5) | 440.2 (129) | 424.6 (124.4) | 409.0 (119.9) | --- |
| | 25 (-3.9) | | 430.4 (126.1) | 416.5 (122.1) | 402.7 (118) | 388.6 (113.9) | 374.4 (109.7) | 360.2 (105.5) |
| | 20 (-6.7) | | 390.8 (114.5) | 378.4 (110.9) | 365.8 (107.2) | 353.1 (103.5) | 340.3 (99.7) | 327.3 (95.9) |
| | 15 (-9.4) | | 352.6 (103.3) | 341.5 (100.1) | 330.1 (96.7) | 318.6 (93.4) | 306.9 (89.9) | 295.1 (86.5) |
| | 10 (-12.2) | | 316.3 (92.7) | 306.1 (89.7) | 295.9 (86.7) | 285.4 (83.6) | 274.7 (80.5) | 263.8 (77.3) |
| | 5 (-15) | | 282.0 (82.7) | 272.8 (79.9) | 263.4 (77.2) | 253.8 (74.4) | 243.9 (71.5) | 233.7 (68.5) |
| 0 (-17.8) | | 250.4 (73.4) | 241.9 (70.9) | 233.1 (68.3) | 224.2 (65.7) | 214.8 (63) | 205.3 (60.2) | |

NOTES: - Above ratings are based on mean temperature. - To convert to dew point ratings, use 0.95 multiplier.

CAPACITY DATA - R448A R449A
LOW TEMPERATURE

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R448A R449A AMBIENT TEMPERATURE °F (°C) | | | | | | | | | | | |
|---|-------------------------------|---------|--|--------|-----------|--------|---------|--------|------------|--------|------------|--------|------------|--------|
| | ° F | ° C | 85 (29.4) | | 90 (32.2) | | 95 (35) | | 100 (37.8) | | 105 (40.6) | | 110 (43.3) | |
| | | | | | | | | | | | | | | |
| KVS010L8-A Compressor Model 3DS3F46KE | -5 | (-20.6) | 75.5 | (22.1) | 72.3 | (21.2) | 69.2 | (20.3) | 65.9 | (19.3) | 62.7 | (18.4) | 59.3 | (17.4) |
| | -10 | (-23.3) | 66.3 | (19.4) | 63.4 | (18.6) | 60.5 | (17.7) | 57.5 | (16.9) | 54.5 | (16) | 51.5 | (15.1) |
| | -15 | (-26.1) | 58.0 | (17) | 55.3 | (16.2) | 52.6 | (15.4) | 49.9 | (14.6) | 47.0 | (13.8) | 44.2 | (13) |
| | -20 | (-28.9) | 50.4 | (14.8) | 47.9 | (14) | 45.4 | (13.3) | 42.8 | (12.6) | 40.2 | (11.8) | 37.6 | (11) |
| | -25 | (-31.7) | 43.6 | (12.8) | 41.3 | (12.1) | 38.9 | (11.4) | 36.4 | (10.7) | 34.0 | (10) | 31.5 | (9.2) |
| | -30 | (-34.4) | 37.3 | (10.9) | 35.2 | (10.3) | 32.9 | (9.6) | 30.6 | (9) | 28.2 | (8.3) | 25.8 | (7.6) |
| | -35 | (-37.2) | 31.6 | (9.3) | 29.5 | (8.6) | 27.4 | (8) | 25.2 | (7.4) | 22.9 | (6.7) | 20.6 | (6) |
| -40 | (-40) | 26.5 | (7.8) | 24.4 | (7.1) | 22.3 | (6.5) | 20.1 | (5.9) | 17.9 | (5.2) | 15.5 | (4.6) | |
| KVS015L8-A Compressor Model 4DHNF63KE | -5 | (-20.6) | 98.9 | (29) | 94.8 | (27.8) | 90.6 | (26.6) | 86.4 | (25.3) | 82.2 | (24.1) | 78.1 | (22.9) |
| | -10 | (-23.3) | 88.3 | (25.9) | 84.5 | (24.8) | 80.7 | (23.7) | 76.9 | (22.5) | 73.1 | (21.4) | 69.2 | (20.3) |
| | -15 | (-26.1) | 78.2 | (22.9) | 74.8 | (21.9) | 71.3 | (20.9) | 67.8 | (19.9) | 64.3 | (18.8) | 60.7 | (17.8) |
| | -20 | (-28.9) | 68.8 | (20.2) | 65.6 | (19.2) | 62.4 | (18.3) | 59.1 | (17.3) | 55.9 | (16.4) | 52.6 | (15.4) |
| | -25 | (-31.7) | 60.0 | (17.6) | 57.0 | (16.7) | 54.0 | (15.8) | 50.8 | (14.9) | 47.8 | (14) | 44.6 | (13.1) |
| | -30 | (-34.4) | 51.6 | (15.1) | 48.7 | (14.3) | 45.9 | (13.4) | 42.9 | (12.6) | 39.9 | (11.7) | 37.0 | (10.8) |
| | -35 | (-37.2) | 43.5 | (12.7) | 40.8 | (12) | 38.0 | (11.1) | 35.2 | (10.3) | 32.2 | (9.4) | 29.4 | (8.6) |
| -40 | (-40) | 35.9 | (10.5) | 33.2 | (9.7) | 30.5 | (8.9) | 27.7 | (8.1) | 24.8 | (7.3) | 21.9 | (6.4) | |
| KVS022L8-A Compressor Model 4DJNF76KE | -5 | (-20.6) | 126.5 | (37.1) | 121.3 | (35.5) | 116.0 | (34) | 110.8 | (32.5) | 105.4 | (30.9) | 100.0 | (29.3) |
| | -10 | (-23.3) | 111.8 | (32.8) | 107.0 | (31.4) | 102.1 | (29.9) | 97.1 | (28.5) | 92.1 | (27) | 87.0 | (25.5) |
| | -15 | (-26.1) | 98.5 | (28.9) | 94.0 | (27.5) | 89.5 | (26.2) | 84.8 | (24.9) | 80.1 | (23.5) | 75.4 | (22.1) |
| | -20 | (-28.9) | 86.3 | (25.3) | 82.1 | (24.1) | 77.9 | (22.8) | 73.5 | (21.5) | 69.1 | (20.2) | 64.7 | (19) |
| | -25 | (-31.7) | 75.1 | (22) | 71.2 | (20.9) | 67.2 | (19.7) | 63.1 | (18.5) | 58.9 | (17.3) | 54.7 | (16) |
| | -30 | (-34.4) | 64.5 | (18.9) | 60.8 | (17.8) | 57.0 | (16.7) | 53.2 | (15.6) | 49.2 | (14.4) | 45.2 | (13.2) |
| | -35 | (-37.2) | 54.3 | (15.9) | 50.8 | (14.9) | 47.3 | (13.8) | 43.6 | (12.8) | 39.8 | (11.7) | 35.9 | (10.5) |
| -40 | (-40) | 44.2 | (13) | 41.0 | (12) | 37.6 | (11) | 34.0 | (10) | 30.3 | (8.9) | 26.7 | (7.8) | |
| KVS027L8-A Compressor Model 6DHNF93KE | -5 | (-20.6) | 153.2 | (44.9) | 147.3 | (43.2) | 141.1 | (41.4) | 134.7 | (39.5) | 128.0 | (37.5) | 121.0 | (35.4) |
| | -10 | (-23.3) | 135.2 | (39.6) | 129.9 | (38.1) | 124.2 | (36.4) | 118.3 | (34.7) | 112.0 | (32.8) | 105.5 | (30.9) |
| | -15 | (-26.1) | 118.8 | (34.8) | 113.8 | (33.4) | 108.7 | (31.8) | 103.1 | (30.2) | 97.3 | (28.5) | 91.2 | (26.7) |
| | -20 | (-28.9) | 103.6 | (30.4) | 99.0 | (29) | 94.3 | (27.6) | 89.1 | (26.1) | 83.7 | (24.5) | 77.9 | (22.8) |
| | -25 | (-31.7) | 89.6 | (26.2) | 85.4 | (25) | 80.9 | (23.7) | 76.0 | (22.3) | 71.0 | (20.8) | 65.5 | (19.2) |
| | -30 | (-34.4) | 76.5 | (22.4) | 72.6 | (21.3) | 68.4 | (20) | 63.7 | (18.7) | 58.9 | (17.3) | 53.7 | (15.7) |
| | -35 | (-37.2) | 64.4 | (18.9) | 60.6 | (17.8) | 56.5 | (16.6) | 52.1 | (15.3) | 47.4 | (13.9) | 42.3 | (12.4) |
| -40 | (-40) | 52.7 | (15.4) | 49.0 | (14.4) | 45.0 | (13.2) | 40.7 | (11.9) | 36.1 | (10.6) | 31.2 | (9.1) | |
| KVS030L8-A Compressor Model 6DJNF11ME | -5 | (-20.6) | 180.1 | (52.8) | 172.9 | (50.7) | 165.4 | (48.5) | 157.5 | (46.2) | 149.3 | (43.8) | 140.8 | (41.3) |
| | -10 | (-23.3) | 159.3 | (46.7) | 152.7 | (44.7) | 145.7 | (42.7) | 138.5 | (40.6) | 130.9 | (38.4) | 123.0 | (36) |
| | -15 | (-26.1) | 140.2 | (41.1) | 134.1 | (39.3) | 127.7 | (37.4) | 121.0 | (35.4) | 113.8 | (33.4) | 106.4 | (31.2) |
| | -20 | (-28.9) | 122.4 | (35.9) | 116.9 | (34.2) | 110.9 | (32.5) | 104.6 | (30.6) | 98.0 | (28.7) | 90.9 | (26.6) |
| | -25 | (-31.7) | 105.9 | (31) | 100.7 | (29.5) | 95.1 | (27.9) | 89.3 | (26.2) | 83.0 | (24.3) | 76.2 | (22.3) |
| | -30 | (-34.4) | 90.5 | (26.5) | 85.6 | (25.1) | 80.3 | (23.5) | 74.7 | (21.9) | 68.6 | (20.1) | 62.2 | (18.2) |
| | -35 | (-37.2) | 75.8 | (22.2) | 71.1 | (20.8) | 66.0 | (19.4) | 60.6 | (17.8) | 54.7 | (16) | 48.5 | (14.2) |
| -40 | (-40) | 61.7 | (18.1) | 57.1 | (16.7) | 52.2 | (15.3) | 46.8 | (13.7) | 41.1 | (12) | 35.0 | (10.2) | |
| KVS040L8-A Compressor Model 6DUNF13ME | -5 | (-20.6) | 207.5 | (60.8) | 200.2 | (58.7) | 192.8 | (56.5) | 185.1 | (54.3) | 177.2 | (51.9) | 169.2 | (49.6) |
| | -10 | (-23.3) | 184.8 | (54.2) | 178.1 | (52.2) | 171.2 | (50.2) | 163.9 | (48) | 156.5 | (45.9) | 148.8 | (43.6) |
| | -15 | (-26.1) | 163.0 | (47.8) | 156.7 | (45.9) | 150.0 | (44) | 143.2 | (42) | 136.2 | (39.9) | 128.6 | (37.7) |
| | -20 | (-28.9) | 142.2 | (41.7) | 136.2 | (39.9) | 130.0 | (38.1) | 123.5 | (36.2) | 116.6 | (34.2) | 109.3 | (32) |
| | -25 | (-31.7) | 122.9 | (36) | 117.2 | (34.3) | 111.2 | (32.6) | 104.9 | (30.7) | 98.2 | (28.8) | 91.0 | (26.7) |
| | -30 | (-34.4) | 105.5 | (30.9) | 100.0 | (29.3) | 94.1 | (27.6) | 87.9 | (25.8) | 81.3 | (23.8) | 74.1 | (21.7) |
| | -35 | (-37.2) | 90.3 | (26.5) | 84.9 | (24.9) | 79.1 | (23.2) | 72.9 | (21.4) | 66.3 | (19.4) | 59.1 | (17.3) |
| -40 | (-40) | 77.8 | (22.8) | 72.3 | (21.2) | 66.5 | (19.5) | 60.2 | (17.6) | 53.4 | (15.7) | 46.2 | (13.5) | |

NOTES: - Above ratings are based on mean temperature. - To convert to dew point ratings, use 0.95 multiplier.

CAPACITY DATA - R448A R449A
LOW TEMPERATURE MODELS
w/ 850RPM CONDENSER MOTOR(S)

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R448A R449A AMBIENT TEMPERATURE °F (°C) | | | | | | | | | | | |
|--|--|-------------|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | ° F | ° C | 85 (29.4) | 90 (32.2) | 95 (35) | 100 (37.8) | 105 (40.6) | 110 (43.3) | | | | | | |
| | KVS020D8-A Compressor Model 3DS3F46KE | -5 (-20.6) | 74.3 -21.8 | 71.2 -20.9 | 68.0 -19.9 | 64.8 -19.0 | 61.5 -18.0 | 58.2 -17.1 | -10 (-23.3) | 65.3 -19.1 | 62.4 -18.3 | 59.5 -17.4 | 56.5 -16.6 | 53.5 -15.7 |
| | -15 (-26.1) | 57.1 -16.7 | 54.5 -16.0 | 51.8 -15.2 | 49.0 -14.4 | 46.2 -13.5 | 43.4 -12.7 | -20 (-28.9) | 49.7 -14.6 | 47.2 -13.8 | 44.7 -13.1 | 42.1 -12.3 | 39.5 -11.6 | 36.9 -10.8 |
| | -25 (-31.7) | 42.9 -12.6 | 40.6 -11.9 | 38.3 -11.2 | 35.8 -10.5 | 33.4 -9.8 | 30.9 -9.1 | -30 (-34.4) | 36.8 -10.8 | 34.6 -10.1 | 32.4 -9.5 | 30.1 -8.8 | 27.7 -8.1 | 25.3 -7.4 |
| | -35 (-37.2) | 31.2 -9.1 | 29.1 -8.5 | 26.9 -7.9 | 24.7 -7.2 | 22.4 -6.6 | 20.1 -5.9 | -40 (-40) | 31.2 -9.1 | 29.1 -8.5 | 26.9 -7.9 | 24.7 -7.2 | 22.4 -6.6 | 20.1 -5.9 |
| | | 26.1 -7.6 | 24.0 -7.0 | 21.9 -6.4 | 19.7 -5.8 | 17.5 -5.1 | 15.2 -4.5 | | | | | | | |
| KVS030D8-A Compressor Model 4DHNF63KE | -5 (-20.6) | 96.7 -28.3 | 92.5 -27.1 | 88.4 -25.9 | 84.3 -24.7 | 80.1 -23.5 | 76.1 -22.3 | -10 (-23.3) | 86.4 -25.3 | 82.6 -24.2 | 78.9 -23.1 | 75.1 -22.0 | 71.3 -20.9 | 67.5 -19.8 |
| | -15 (-26.1) | 76.7 -22.5 | 73.2 -21.5 | 69.8 -20.5 | 66.3 -19.4 | 62.8 -18.4 | 59.3 -17.4 | -20 (-28.9) | 67.5 -19.8 | 64.3 -18.8 | 61.1 -17.9 | 57.9 -17.0 | 54.6 -16.0 | 51.3 -15.0 |
| | -25 (-31.7) | 58.8 -17.2 | 55.9 -16.4 | 52.8 -15.5 | 49.8 -14.6 | 46.7 -13.7 | 43.6 -12.8 | -30 (-34.4) | 50.6 -14.8 | 47.8 -14.0 | 44.9 -13.2 | 42.0 -12.3 | 39.0 -11.4 | 36.0 -10.6 |
| | -35 (-37.2) | 42.7 -12.5 | 40.0 -11.7 | 37.2 -10.9 | 34.4 -10.1 | 31.5 -9.2 | 28.6 -8.4 | -40 (-40) | 42.7 -12.5 | 40.0 -11.7 | 37.2 -10.9 | 34.4 -10.1 | 31.5 -9.2 | 28.6 -8.4 |
| | | 35.2 -10.3 | 32.5 -9.5 | 29.8 -8.7 | 27.0 -7.9 | 24.2 -7.1 | 21.3 -6.2 | | | | | | | |
| KVS044D8-A Compressor Model 4DJNF76KE | -5 (-20.6) | 124.6 -36.5 | 119.4 -35.0 | 114.2 -33.5 | 108.9 -31.9 | 103.6 -30.4 | 98.2 -28.8 | -10 (-23.3) | 110.2 -32.3 | 105.4 -30.9 | 100.5 -29.5 | 95.6 -28.0 | 90.6 -26.6 | 85.6 -25.1 |
| | -15 (-26.1) | 97.1 -28.5 | 92.7 -27.2 | 88.1 -25.8 | 83.5 -24.5 | 78.8 -23.1 | 74.1 -21.7 | -20 (-28.9) | 85.2 -25.0 | 81.0 -23.7 | 76.8 -22.5 | 72.4 -21.2 | 68.0 -19.9 | 63.6 -18.6 |
| | -25 (-31.7) | 74.1 -21.7 | 70.2 -20.6 | 66.2 -19.4 | 62.1 -18.2 | 58.0 -17.0 | 53.7 -15.7 | -30 (-34.4) | 63.7 -18.7 | 60.0 -17.6 | 56.2 -16.5 | 52.4 -15.4 | 48.4 -14.2 | 44.4 -13.0 |
| | -35 (-37.2) | 53.6 -15.7 | 50.1 -14.7 | 46.6 -13.7 | 42.9 -12.6 | 39.1 -11.5 | 35.3 -10.3 | -40 (-40) | 53.6 -15.7 | 50.1 -14.7 | 46.6 -13.7 | 42.9 -12.6 | 39.1 -11.5 | 35.3 -10.3 |
| | | 43.7 -12.8 | 40.4 -11.8 | 37.0 -10.8 | 33.5 -9.8 | 29.8 -8.7 | 26.1 -7.6 | | | | | | | |
| KVS054D8-A Compressor Model 6DHNF93KE | -5 (-20.6) | 150.9 -44.2 | 145.0 -42.5 | 138.8 -40.7 | 132.3 -38.8 | 125.5 -36.8 | 118.5 -34.7 | -10 (-23.3) | 133.4 -39.1 | 127.9 -37.5 | 122.2 -35.8 | 116.2 -34.1 | 110.0 -32.2 | 103.4 -30.3 |
| | -15 (-26.1) | 117.2 -34.3 | 112.2 -32.9 | 107.0 -31.4 | 101.4 -29.7 | 95.6 -28.0 | 89.4 -26.2 | -20 (-28.9) | 102.3 -30.0 | 97.7 -28.6 | 92.8 -27.2 | 87.7 -25.7 | 82.2 -24.1 | 76.4 -22.4 |
| | -25 (-31.7) | 88.5 -25.9 | 84.2 -24.7 | 79.7 -23.4 | 74.8 -21.9 | 69.6 -20.4 | 64.1 -18.8 | -30 (-34.4) | 75.6 -22.2 | 71.6 -21.0 | 67.3 -19.7 | 62.7 -18.4 | 57.8 -16.9 | 52.5 -15.4 |
| | -35 (-37.2) | 63.5 -18.6 | 59.7 -17.5 | 55.6 -16.3 | 51.1 -15.0 | 46.4 -13.6 | 41.3 -12.1 | -40 (-40) | 63.5 -18.6 | 59.7 -17.5 | 55.6 -16.3 | 51.1 -15.0 | 46.4 -13.6 | 41.3 -12.1 |
| | | 52.0 -15.2 | 48.3 -14.2 | 44.3 -13.0 | 39.9 -11.7 | 35.3 -10.3 | 30.3 -8.9 | | | | | | | |

NOTES: - Above ratings are based on mean temperature. - To convert to dew point ratings, use 0.95 multiplier.

CAPACITY DATA - R407C
HIGH TEMPERATURE

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE °F °C | CAPACITY MBH (KW) R407C AMBIENT TEMPERATURE °F (°C) | | | | | | | | | |
|--|-------------------------------------|--|---------------|---------------|---------------|---------------|---------------|--|--|--|--|
| | | 85 (29.4) | 90 (32.2) | 95 (35.0) | 100 (37.8) | 105 (40.6) | 110 (43.3) | | | | |
| KVS015H8-A Compressor Model 3DS3R17ME | 55 (12.8) | 247.5 (72.5) | 238.2 (69.8) | 229.3 (67.2) | 220.6 (64.7) | 212.2 (62.2) | 203.9 (59.8) | | | | |
| | 50 (10) | 228.1 (66.8) | 219.8 (64.4) | 211.8 (62.1) | 203.9 (59.8) | 196.2 (57.5) | 188.8 (55.3) | | | | |
| | 45 (7.2) | 209.5 (61.4) | 202.0 (59.2) | 194.9 (57.1) | 187.8 (55.1) | 180.9 (53) | 174.2 (51.1) | | | | |
| | 40 (4.4) | 191.7 (56.2) | 185.1 (54.3) | 178.7 (52.4) | 172.4 (50.5) | 166.2 (48.7) | 160.1 (46.9) | | | | |
| | 35 (1.7) | 174.7 (51.2) | 168.9 (49.5) | 163.2 (47.8) | 157.6 (46.2) | 152.0 (44.6) | 146.5 (42.9) | | | | |
| KVS020H8-A Compressor Model 4DANR18ME | 55 (12.8) | 309.5 (90.7) | 293.3 (86) | 277.4 (81.3) | 261.8 (76.7) | 246.5 (72.2) | 231.4 (67.8) | | | | |
| | 50 (10) | 279.5 (81.9) | 265.1 (77.7) | 250.9 (73.5) | 237.1 (69.5) | 223.5 (65.5) | 210.2 (61.6) | | | | |
| | 45 (7.2) | 251.5 (73.7) | 238.7 (70) | 226.3 (66.3) | 214.3 (62.8) | 202.4 (59.3) | 190.9 (55.9) | | | | |
| | 40 (4.4) | 225.6 (66.1) | 214.5 (62.9) | 203.8 (59.7) | 193.4 (56.7) | 183.2 (53.7) | 173.3 (50.8) | | | | |
| | 35 (1.7) | 201.8 (59.1) | 192.4 (56.4) | 183.2 (53.7) | 174.4 (51.1) | 165.8 (48.6) | 157.4 (46.1) | | | | |
| KVS022H8-A Compressor Model 4DBNR20ME | 55 (12.8) | 322.2 (94.4) | 310.6 (91) | 299.0 (87.6) | 287.4 (84.2) | 275.9 (80.9) | 264.5 (77.5) | | | | |
| | 50 (10) | 294.2 (86.2) | 283.3 (83) | 272.4 (79.8) | 261.5 (76.6) | 250.6 (73.5) | 239.9 (70.3) | | | | |
| | 45 (7.2) | 268.3 (78.6) | 258.0 (75.6) | 247.8 (72.6) | 237.6 (69.6) | 227.5 (66.7) | 217.7 (63.8) | | | | |
| | 40 (4.4) | 244.3 (71.6) | 234.7 (68.8) | 225.1 (66) | 215.8 (63.2) | 206.4 (60.5) | 197.2 (57.8) | | | | |
| | 35 (1.7) | 222.0 (65.1) | 213.0 (62.4) | 204.2 (59.9) | 195.5 (57.3) | 187.0 (54.8) | 178.6 (52.3) | | | | |
| KVS025H8-A Compressor Model 4DHNR22ME | 55 (12.8) | 350.8 (102.8) | 332.9 (97.5) | 315.3 (92.4) | 298.0 (87.3) | 281.2 (82.4) | 264.8 (77.6) | | | | |
| | 50 (10) | 324.2 (95) | 308.0 (90.3) | 291.9 (85.5) | 276.3 (81) | 261.1 (76.5) | 246.4 (72.2) | | | | |
| | 45 (7.2) | 298.0 (87.3) | 283.3 (83) | 268.9 (78.8) | 254.9 (74.7) | 241.4 (70.7) | 228.5 (67) | | | | |
| | 40 (4.4) | 272.4 (79.8) | 259.4 (76) | 246.5 (72.3) | 234.2 (68.6) | 222.3 (65.1) | 210.9 (61.8) | | | | |
| | 35 (1.7) | 247.6 (72.6) | 236.1 (69.2) | 224.9 (65.9) | 214.1 (62.7) | 203.8 (59.7) | 193.9 (56.8) | | | | |
| KVS030H8-A Compressor Model 4DJNR28ME | 55 (12.8) | 413.3 (121.1) | 392.9 (115.2) | 372.6 (109.2) | 352.8 (103.4) | 333.3 (97.7) | --- | | | | |
| | 50 (10) | 380.1 (111.4) | 361.4 (105.9) | 343.1 (100.6) | 325.2 (95.3) | 307.7 (90.2) | 290.4 (85.1) | | | | |
| | 45 (7.2) | 347.9 (101.9) | 331.1 (97) | 314.7 (92.2) | 298.7 (87.5) | 283.2 (83) | 268.1 (78.6) | | | | |
| | 40 (4.4) | 317.0 (92.9) | 302.1 (88.5) | 287.7 (84.3) | 273.6 (80.2) | 260.1 (76.2) | 247.0 (72.4) | | | | |
| | 35 (1.7) | 287.7 (84.3) | 274.7 (80.5) | 262.2 (76.8) | 250.0 (73.3) | 238.4 (69.9) | 227.1 (66.6) | | | | |
| KVS035H8-A Compressor Model 6DHNR35ME | 55 (12.8) | 527.8 (154.7) | 506.8 (148.5) | 485.7 (142.4) | 464.5 (136.1) | 443.2 (129.9) | --- | | | | |
| | 50 (10) | 477.1 (139.8) | 458.3 (134.3) | 439.4 (128.8) | 420.3 (123.2) | 401.1 (117.6) | 381.8 (111.9) | | | | |
| | 45 (7.2) | 430.4 (126.1) | 413.7 (121.2) | 396.8 (116.3) | 379.9 (111.3) | 362.8 (106.3) | 345.5 (101.2) | | | | |
| | 40 (4.4) | 387.7 (113.6) | 373.0 (109.3) | 358.2 (105) | 343.1 (100.6) | 328.0 (96.1) | 312.6 (91.6) | | | | |
| | 35 (1.7) | 348.9 (102.3) | 336.1 (98.5) | 323.2 (94.7) | 310.1 (90.9) | 296.7 (87) | 283.1 (83) | | | | |
| KVS040H8-A Compressor Model 6DJNR40ME | 55 (12.8) | 711.6 (208.5) | 678.0 (198.7) | 642.7 (188.4) | 606.1 (177.6) | 567.9 (166.4) | --- | | | | |
| | 50 (10) | 636.0 (186.4) | 604.7 (177.2) | 572.0 (167.6) | 537.9 (157.6) | 502.5 (147.3) | 466.1 (136.6) | | | | |
| | 45 (7.2) | 564.8 (165.5) | 536.6 (157.2) | 506.7 (148.5) | 475.5 (139.4) | 443.3 (129.9) | 410.0 (120.2) | | | | |
| | 40 (4.4) | 500.3 (146.6) | 474.9 (139.2) | 448.1 (131.3) | 420.0 (123.1) | 390.9 (114.6) | 361.0 (105.8) | | | | |
| | 35 (1.7) | 443.1 (129.9) | 420.5 (123.2) | 396.6 (116.2) | 371.6 (108.9) | 345.7 (101.3) | 319.0 (93.5) | | | | |

NOTES: - Above ratings are based on mean temperature. - To convert to dew point ratings, use 0.95 multiplier.

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE °F °C | | CAPACITY MBH (KW) R404A R507 AMBIENT TEMPERATURE °F (°C) | | | | | | | | | |
|---|-------------------------------------|--------------|--|---------------|---------------|---------------|---------------|---------------|--|--|--|--|
| | | | 85 (29.4) | 90 (32.2) | 95 (35.0) | 100 (37.8) | 105 (40.6) | 110 (43.3) | | | | |
| KVS015M8-A Compressor Model 3DS3R17ME | 30 (-1.1) | | 172.1 (50.4) | 164.9 (48.3) | 157.7 (46.2) | 150.6 (44.1) | 143.6 (42.1) | 136.7 (40.1) | | | | |
| | 25 (-3.9) | | 157.4 (46.1) | 150.8 (44.2) | 144.3 (42.3) | 137.9 (40.4) | 131.6 (38.6) | 125.4 (36.8) | | | | |
| | 20 (-6.7) | | 143.4 (42) | 137.5 (40.3) | 131.7 (38.6) | 125.9 (36.9) | 120.2 (35.2) | 114.6 (33.6) | | | | |
| | 15 (-9.4) | | 130.3 (38.2) | 125.0 (36.6) | 119.7 (35.1) | 114.6 (33.6) | 109.5 (32.1) | 104.4 (30.6) | | | | |
| | 10 (-12.2) | | 117.9 (34.6) | 113.2 (33.2) | 108.5 (31.8) | 103.9 (30.4) | 99.3 (29.1) | 94.8 (27.8) | | | | |
| | 5 (-15) | | 106.3 (31.2) | 102.1 (29.9) | 98.0 (28.7) | 93.8 (27.5) | 89.8 (26.3) | 85.8 (25.1) | | | | |
| 0 (-17.8) | | 95.6 (28) | 91.8 (26.9) | 88.1 (25.8) | 84.4 (24.7) | 80.8 (23.7) | 77.2 (22.6) | | | | | |
| KVS020M8-A Compressor Model 4DANR18ME | 30 (-1.1) | | 191.1 (56) | 182.0 (53.3) | 172.8 (50.6) | 163.7 (48) | 154.7 (45.3) | 145.9 (42.8) | | | | |
| | 25 (-3.9) | | 174.6 (51.2) | 166.1 (48.7) | 157.7 (46.2) | 149.2 (43.7) | 140.8 (41.3) | 132.7 (38.9) | | | | |
| | 20 (-6.7) | | 158.7 (46.5) | 151.0 (44.3) | 143.1 (41.9) | 135.3 (39.7) | 127.6 (37.4) | 120.0 (35.2) | | | | |
| | 15 (-9.4) | | 143.6 (42.1) | 136.5 (40) | 129.3 (37.9) | 122.0 (35.8) | 114.9 (33.7) | 108.0 (31.7) | | | | |
| | 10 (-12.2) | | 129.3 (37.9) | 122.8 (36) | 116.1 (34) | 109.5 (32.1) | 103.0 (30.2) | 96.6 (28.3) | | | | |
| | 5 (-15) | | 115.8 (33.9) | 109.9 (32.2) | 103.8 (30.4) | 97.8 (28.7) | 91.8 (26.9) | 86.0 (25.2) | | | | |
| 0 (-17.8) | | 103.3 (30.3) | 97.9 (28.7) | 92.4 (27.1) | 86.8 (25.4) | 81.4 (23.9) | 76.2 (22.3) | | | | | |
| KVS022M8-A Compressor Model 4DBNR20ME | 30 (-1.1) | | 216.7 (63.5) | 207.2 (60.7) | 198.0 (58) | 189.0 (55.4) | 180.1 (52.8) | 171.5 (50.3) | | | | |
| | 25 (-3.9) | | 198.8 (58.3) | 190.0 (55.7) | 181.5 (53.2) | 173.2 (50.8) | 165.0 (48.4) | 157.1 (46) | | | | |
| | 20 (-6.7) | | 181.3 (53.1) | 173.3 (50.8) | 165.4 (48.5) | 157.8 (46.2) | 150.3 (44) | 143.0 (41.9) | | | | |
| | 15 (-9.4) | | 164.4 (48.2) | 157.1 (46) | 149.9 (43.9) | 143.0 (41.9) | 136.1 (39.9) | 129.4 (37.9) | | | | |
| | 10 (-12.2) | | 148.3 (43.5) | 141.7 (41.5) | 135.2 (39.6) | 128.9 (37.8) | 122.7 (36) | 116.6 (34.2) | | | | |
| | 5 (-15) | | 133.3 (39.1) | 127.3 (37.3) | 121.5 (35.6) | 115.7 (33.9) | 110.1 (32.3) | 104.6 (30.7) | | | | |
| 0 (-17.8) | | 119.4 (35) | 114.1 (33.4) | 108.9 (31.9) | 103.8 (30.4) | 98.7 (28.9) | 93.8 (27.5) | | | | | |
| KVS025M8-A Compressor Model 4DHNR22ME | 30 (-1.1) | | 229.6 (67.3) | 219.7 (64.4) | 210.0 (61.5) | 200.6 (58.8) | 191.3 (56.1) | 182.3 (53.4) | | | | |
| | 25 (-3.9) | | 210.9 (61.8) | 201.7 (59.1) | 192.8 (56.5) | 184.0 (53.9) | 175.5 (51.4) | 167.1 (49) | | | | |
| | 20 (-6.7) | | 192.5 (56.4) | 184.1 (54) | 175.9 (51.6) | 167.9 (49.2) | 160.0 (46.9) | 152.3 (44.6) | | | | |
| | 15 (-9.4) | | 174.8 (51.2) | 167.1 (49) | 159.6 (46.8) | 152.3 (44.6) | 145.1 (42.5) | 138.0 (40.4) | | | | |
| | 10 (-12.2) | | 157.8 (46.2) | 150.8 (44.2) | 144.1 (42.2) | 137.4 (40.3) | 130.9 (38.4) | 124.4 (36.5) | | | | |
| | 5 (-15) | | 141.8 (41.6) | 135.6 (39.7) | 129.5 (38) | 123.6 (36.2) | 117.7 (34.5) | 111.9 (32.8) | | | | |
| 0 (-17.8) | | 127.1 (37.2) | 121.6 (35.6) | 116.2 (34.1) | 110.9 (32.5) | 105.7 (31) | 100.5 (29.5) | | | | | |
| KVS030M8-A Compressor Model 4DJNR28ME | 30 (-1.1) | | 274.4 (80.4) | 262.4 (76.9) | 250.6 (73.4) | 238.8 (70) | 227.1 (66.6) | 215.3 (63.1) | | | | |
| | 25 (-3.9) | | 251.3 (73.6) | 240.3 (70.4) | 229.5 (67.3) | 218.7 (64.1) | 208.0 (61) | 197.3 (57.8) | | | | |
| | 20 (-6.7) | | 229.2 (67.2) | 219.2 (64.2) | 209.3 (61.3) | 199.5 (58.5) | 189.8 (55.6) | 180.1 (52.8) | | | | |
| | 15 (-9.4) | | 208.1 (61) | 199.0 (58.3) | 190.1 (55.7) | 181.3 (53.1) | 172.5 (50.6) | 163.7 (48) | | | | |
| | 10 (-12.2) | | 188.0 (55.1) | 179.9 (52.7) | 171.8 (50.3) | 163.9 (48) | 156.0 (45.7) | 148.2 (43.4) | | | | |
| | 5 (-15) | | 169.1 (49.6) | 161.8 (47.4) | 154.6 (45.3) | 147.6 (43.3) | 140.6 (41.2) | 133.6 (39.2) | | | | |
| 0 (-17.8) | | 151.3 (44.3) | 144.8 (42.4) | 138.4 (40.6) | 132.2 (38.7) | 126.1 (37) | 119.9 (35.1) | | | | | |
| KVS035M8-A Compressor Model 6DHNR35ME | 30 (-1.1) | | 348.6 (102.2) | 333.8 (97.8) | 319.0 (93.5) | 304.1 (89.1) | 289.2 (84.8) | 274.3 (80.4) | | | | |
| | 25 (-3.9) | | 318.6 (93.4) | 305.1 (89.4) | 291.6 (85.5) | 278.2 (81.5) | 264.6 (77.5) | 251.1 (73.6) | | | | |
| | 20 (-6.7) | | 290.2 (85) | 278.0 (81.5) | 265.8 (77.9) | 253.6 (74.3) | 241.3 (70.7) | 229.0 (67.1) | | | | |
| | 15 (-9.4) | | 263.5 (77.2) | 252.5 (74) | 241.4 (70.7) | 230.3 (67.5) | 219.3 (64.3) | 208.2 (61) | | | | |
| | 10 (-12.2) | | 238.5 (69.9) | 228.5 (67) | 218.5 (64) | 208.5 (61.1) | 198.5 (58.2) | 188.4 (55.2) | | | | |
| | 5 (-15) | | 215.2 (63.1) | 206.1 (60.4) | 197.0 (57.7) | 187.9 (55.1) | 178.8 (52.4) | 169.8 (49.8) | | | | |
| 0 (-17.8) | | 193.6 (56.7) | 185.2 (54.3) | 176.9 (51.8) | 168.6 (49.4) | 160.4 (47) | 152.2 (44.6) | | | | | |
| KVS040M8-A Compressor Model 6DJNR40ME | 30 (-1.1) | | 404.7 (118.6) | 388.1 (113.7) | 371.6 (108.9) | 355.1 (104.1) | 338.4 (99.2) | 321.5 (94.2) | | | | |
| | 25 (-3.9) | | 371.6 (108.9) | 356.4 (104.5) | 341.2 (100) | 326.1 (95.6) | 310.8 (91.1) | 295.3 (86.5) | | | | |
| | 20 (-6.7) | | 339.9 (99.6) | 326.0 (95.5) | 312.1 (91.5) | 298.3 (87.4) | 284.4 (83.3) | 270.3 (79.2) | | | | |
| | 15 (-9.4) | | 309.7 (90.8) | 296.9 (87) | 284.3 (83.3) | 271.7 (79.6) | 259.1 (75.9) | 246.4 (72.2) | | | | |
| | 10 (-12.2) | | 281.1 (82.4) | 269.4 (79) | 257.9 (75.6) | 246.5 (72.2) | 235.1 (68.9) | 223.6 (65.5) | | | | |
| | 5 (-15) | | 254.1 (74.5) | 243.5 (71.4) | 233.0 (68.3) | 222.7 (65.3) | 212.5 (62.3) | 202.1 (59.2) | | | | |
| 0 (-17.8) | | 228.9 (67.1) | 219.2 (64.2) | 209.7 (61.5) | 200.5 (58.8) | 191.3 (56.1) | 182.0 (53.3) | | | | | |
| KVS050M8-A Compressor Model 6DUNR49ME | 30 (-1.1) | | 471.5 (138.2) | 452.6 (132.6) | 433.5 (127) | 414.3 (121.4) | 395.0 (115.8) | 375.7 (110.1) | | | | |
| | 25 (-3.9) | | 434.2 (127.3) | 416.7 (122.1) | 399.1 (117) | 381.4 (111.8) | 363.5 (106.5) | 345.6 (101.3) | | | | |
| | 20 (-6.7) | | 397.7 (116.6) | 381.6 (111.8) | 365.4 (107.1) | 349.0 (102.3) | 332.5 (97.4) | 316.0 (92.6) | | | | |
| | 15 (-9.4) | | 362.4 (106.2) | 347.6 (101.9) | 332.7 (97.5) | 317.7 (93.1) | 302.5 (88.7) | 287.3 (84.2) | | | | |
| | 10 (-12.2) | | 328.8 (96.4) | 315.3 (92.4) | 301.7 (88.4) | 287.9 (84.4) | 274.0 (80.3) | 260.1 (76.2) | | | | |
| | 5 (-15) | | 297.5 (87.2) | 285.2 (83.6) | 272.8 (79.9) | 260.2 (76.3) | 247.5 (72.5) | 234.8 (68.8) | | | | |
| 0 (-17.8) | | 269.1 (78.9) | 257.9 (75.6) | 246.5 (72.2) | 235.0 (68.9) | 223.5 (65.5) | 212.0 (62.1) | | | | | |

CAPACITY DATA - R404A R507
LOW TEMPERATURE

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R404A R507 AMBIENT TEMPERATURE °F (°C) | | | | | | | |
|---|-------------------------------|-------------|--|--------------|--------------|--------------|--------------|--------------|-----|--|
| | ° F | ° C | 85 | 90 | 95 | 100 | 105 | 110 | | |
| | | | (29.4) | (32.2) | (35) | (37.8) | (40.6) | (43.3) | | |
| KVS010L6-A Compressor Model 3DS3F46KE | 0 | (-17.8) | 89.1 (26.1) | 85.6 (25.1) | 82.1 (24.1) | 78.6 (23) | 75.1 (22) | 71.7 (21) | | |
| | -5 | (-20.6) | 80.6 (23.6) | 77.4 (22.7) | 74.2 (21.7) | 71.1 (20.8) | 68.0 (19.9) | 64.9 (19) | | |
| | -10 | (-23.3) | 72.5 (21.2) | 69.7 (20.4) | 66.8 (19.6) | 64.0 (18.8) | 61.1 (17.9) | 58.3 (17.1) | | |
| | -15 | (-26.1) | 64.9 (19) | 62.3 (18.3) | 59.8 (17.5) | 57.2 (16.8) | 54.6 (16) | 52.1 (15.3) | | |
| | -20 | (-28.9) | 57.7 (16.9) | 55.4 (16.2) | 53.1 (15.6) | 50.8 (14.9) | 48.4 (14.2) | 46.1 (13.5) | | |
| | -25 | (-31.7) | 50.9 (14.9) | 48.9 (14.3) | 46.8 (13.7) | 44.7 (13.1) | 42.6 (12.5) | 40.5 (11.9) | | |
| | -30 | (-34.4) | 44.7 (13.1) | 42.9 (12.6) | 41.0 (12) | 39.1 (11.5) | 37.1 (10.9) | 35.2 (10.3) | | |
| | -35 | (-37.2) | 39.0 (11.4) | 37.3 (10.9) | 35.6 (10.4) | 33.8 (9.9) | 32.0 (9.4) | 30.2 (8.9) | | |
| -40 | (-40) | 33.7 (9.9) | 32.2 (9.4) | 30.6 (9) | 28.9 (8.5) | 27.2 (8) | 25.5 (7.5) | | | |
| KVS015L6-A Compressor Model 4DHN63KE | 0 | (-17.8) | 117.4 (34.4) | 113.0 (33.1) | 108.6 (31.8) | 104.2 (30.5) | 99.7 (29.2) | 95.0 (27.8) | | |
| | -5 | (-20.6) | 106.3 (31.2) | 102.2 (30) | 98.2 (28.8) | 94.2 (27.6) | 90.1 (26.4) | 85.7 (25.1) | | |
| | -10 | (-23.3) | 96.0 (28.1) | 92.3 (27.1) | 88.7 (26) | 85.0 (24.9) | 81.3 (23.8) | 77.3 (22.7) | | |
| | -15 | (-26.1) | 86.4 (25.3) | 83.1 (24.4) | 79.8 (23.4) | 76.6 (22.4) | 73.1 (21.4) | 69.5 (20.4) | | |
| | -20 | (-28.9) | 77.5 (22.7) | 74.5 (21.8) | 71.6 (21) | 68.6 (20.1) | 65.5 (19.2) | 62.2 (18.2) | | |
| | -25 | (-31.7) | 69.1 (20.3) | 66.4 (19.5) | 63.8 (18.7) | 61.1 (17.9) | 58.3 (17.1) | 55.2 (16.2) | | |
| | -30 | (-34.4) | 61.1 (17.9) | 58.7 (17.2) | 56.3 (16.5) | 53.9 (15.8) | 51.3 (15) | 48.5 (14.2) | | |
| | -35 | (-37.2) | 53.2 (15.6) | 51.1 (15) | 49.0 (14.4) | 46.8 (13.7) | 44.4 (13) | 41.8 (12.3) | | |
| -40 | (-40) | 45.5 (13.3) | 43.5 (12.7) | 41.6 (12.2) | 39.6 (11.6) | 37.4 (11) | 35.0 (10.3) | | | |
| KVS022L6-A Compressor Model 4DJNF76KE | 0 | (-17.8) | 144.1 (42.2) | 137.7 (40.4) | 131.6 (38.6) | 125.8 (36.9) | 120.3 (35.3) | 115.1 (33.7) | | |
| | -5 | (-20.6) | 131.0 (38.4) | 125.2 (36.7) | 119.6 (35.1) | 114.3 (33.5) | 109.2 (32) | 104.3 (30.6) | | |
| | -10 | (-23.3) | 118.6 (34.8) | 113.3 (33.2) | 108.2 (31.7) | 103.3 (30.3) | 98.6 (28.9) | 94.1 (27.6) | | |
| | -15 | (-26.1) | 106.8 (31.3) | 102.0 (29.9) | 97.4 (28.5) | 92.9 (27.2) | 88.5 (25.9) | 84.2 (24.7) | | |
| | -20 | (-28.9) | 95.6 (28) | 91.3 (26.8) | 87.1 (25.5) | 82.9 (24.3) | 78.8 (23.1) | 74.8 (21.9) | | |
| | -25 | (-31.7) | 84.9 (24.9) | 81.0 (23.7) | 77.2 (22.6) | 73.3 (21.5) | 69.5 (20.4) | 65.7 (19.3) | | |
| | -30 | (-34.4) | 74.6 (21.9) | 71.2 (20.9) | 67.6 (19.8) | 64.1 (18.8) | 60.4 (17.7) | 56.7 (16.6) | | |
| | -35 | (-37.2) | 64.8 (19) | 61.7 (18.1) | 58.4 (17.1) | 55.1 (16.1) | 51.6 (15.1) | 48.0 (14.1) | | |
| -40 | (-40) | 55.3 (16.2) | 52.5 (15.4) | 49.4 (14.5) | 46.3 (13.6) | 42.9 (12.6) | 39.3 (11.5) | | | |
| KVS027L6-A Compressor Model 6DHN93KE | 0 | (-17.8) | 183.0 (53.6) | 175.7 (51.5) | 168.5 (49.4) | 161.4 (47.3) | 154.3 (45.2) | 147.1 (43.1) | | |
| | -5 | (-20.6) | 165.9 (48.6) | 159.3 (46.7) | 152.8 (44.8) | 146.3 (42.9) | 139.8 (41) | 133.2 (39) | | |
| | -10 | (-23.3) | 149.3 (43.8) | 143.3 (42) | 137.5 (40.3) | 131.6 (38.6) | 125.7 (36.8) | 119.7 (35.1) | | |
| | -15 | (-26.1) | 133.4 (39.1) | 128.0 (37.5) | 122.7 (36) | 117.4 (34.4) | 112.0 (32.8) | 106.5 (31.2) | | |
| | -20 | (-28.9) | 118.3 (34.7) | 113.4 (33.2) | 108.6 (31.8) | 103.8 (30.4) | 98.9 (29) | 93.7 (27.5) | | |
| | -25 | (-31.7) | 104.0 (30.5) | 99.6 (29.2) | 95.3 (27.9) | 90.9 (26.6) | 86.4 (25.3) | 81.6 (23.9) | | |
| | -30 | (-34.4) | 90.8 (26.6) | 86.8 (25.4) | 82.9 (24.3) | 78.8 (23.1) | 74.6 (21.9) | 70.1 (20.5) | | |
| | -35 | (-37.2) | 78.7 (23.1) | 75.1 (22) | 71.4 (20.9) | 67.6 (19.8) | 63.7 (18.7) | 59.4 (17.4) | | |
| -40 | (-40) | 67.8 (19.9) | 64.4 (18.9) | 61.0 (17.9) | 57.4 (16.8) | 53.6 (15.7) | 49.5 (14.5) | | | |
| KVS030L6-A Compressor Model 6DJNF11ME | 0 | (-17.8) | 200.8 (58.8) | 192.0 (56.3) | 183.3 (53.7) | 174.7 (51.2) | 166.4 (48.8) | --- | --- | |
| | -5 | (-20.6) | 181.9 (53.3) | 173.9 (51) | 166.1 (48.7) | 158.3 (46.4) | 150.8 (44.2) | 143.4 (42) | | |
| | -10 | (-23.3) | 163.8 (48) | 156.7 (45.9) | 149.6 (43.8) | 142.6 (41.8) | 135.8 (39.8) | 129.1 (37.8) | | |
| | -15 | (-26.1) | 146.7 (43) | 140.3 (41.1) | 134.0 (39.3) | 127.7 (37.4) | 121.5 (35.6) | 115.4 (33.8) | | |
| | -20 | (-28.9) | 130.6 (38.3) | 124.9 (36.6) | 119.1 (34.9) | 113.4 (33.2) | 107.8 (31.6) | 102.3 (30) | | |
| | -25 | (-31.7) | 115.5 (33.8) | 110.3 (32.3) | 105.1 (30.8) | 99.9 (29.3) | 94.8 (27.8) | 89.7 (26.3) | | |
| | -30 | (-34.4) | 101.4 (29.7) | 96.7 (28.3) | 92.0 (27) | 87.2 (25.6) | 82.4 (24.1) | 77.7 (22.8) | | |
| | -35 | (-37.2) | 88.3 (25.9) | 84.0 (24.6) | 79.7 (23.4) | 75.2 (22) | 70.7 (20.7) | 66.2 (19.4) | | |
| -40 | (-40) | 76.3 (22.4) | 72.3 (21.2) | 68.2 (20) | 63.9 (18.7) | 59.6 (17.5) | 55.2 (16.2) | | | |
| KVS040L6-A Compressor Model 6DUNF13ME | 0 | (-17.8) | 246.4 (72.2) | 235.8 (69.1) | 225.5 (66.1) | 215.7 (63.2) | 206.5 (60.5) | - | - | |
| | -5 | (-20.6) | 222.9 (65.3) | 212.7 (62.3) | 202.9 (59.5) | 193.3 (56.7) | 184.3 (54) | 175.8 (51.5) | | |
| | -10 | (-23.3) | 201.8 (59.1) | 192.2 (56.3) | 182.8 (53.6) | 173.7 (50.9) | 164.9 (48.3) | 156.6 (45.9) | | |
| | -15 | (-26.1) | 182.7 (53.5) | 173.7 (50.9) | 164.8 (48.3) | 156.1 (45.7) | 147.8 (43.3) | 139.8 (41) | | |
| | -20 | (-28.9) | 164.8 (48.3) | 156.5 (45.9) | 148.2 (43.4) | 140.1 (41.1) | 132.2 (38.7) | 124.7 (36.5) | | |
| | -25 | (-31.7) | 147.7 (43.3) | 140.1 (41.1) | 132.6 (38.9) | 125.0 (36.6) | 117.7 (34.5) | 110.6 (32.4) | | |
| | -30 | (-34.4) | 130.8 (38.3) | 124.0 (36.3) | 117.1 (34.3) | 110.3 (32.3) | 103.5 (30.3) | 96.9 (28.4) | | |
| | -35 | (-37.2) | 113.4 (33.2) | 107.4 (31.5) | 101.4 (29.7) | 95.2 (27.9) | 89.1 (26.1) | 83.1 (24.4) | | |
| -40 | (-40) | 94.8 (27.8) | 89.9 (26.3) | 84.6 (24.8) | 79.3 (23.2) | 73.9 (21.7) | 68.5 (20.1) | | | |

CAPACITY DATA - R404A R507
LOW TEMPERATURE MODELS
w/ 850RPM CONDENSER MOTOR(S)

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R404A R507 AMBIENT TEMPERATURE °F (°C) | | | | | | | | | | | |
|---|-------------------------------|---------|---|--------|-----------|--------|---------|--------|------------|--------|------------|--------|------------|--------|
| | ° F | ° C | 85 (29.4) | | 90 (32.2) | | 95 (35) | | 100 (37.8) | | 105 (40.6) | | 110 (43.3) | |
| | | | | | | | | | | | | | | |
| KVS010D6-A Compressor Model 3DS3F46KE | 0 | (-17.8) | 87.5 | (25.6) | 84.0 | (24.6) | 80.6 | (23.6) | 77.1 | (22.6) | 73.7 | (21.6) | 70.4 | (20.6) |
| | -5 | (-20.6) | 79.3 | (23.2) | 76.2 | (22.3) | 73.0 | (21.4) | 69.9 | (20.5) | 66.8 | (19.6) | 63.8 | (18.7) |
| | -10 | (-23.3) | 71.4 | (20.9) | 68.6 | (20.1) | 65.8 | (19.3) | 63.0 | (18.5) | 60.2 | (17.6) | 57.4 | (16.8) |
| | -15 | (-26.1) | 64.0 | (18.8) | 61.5 | (18.0) | 58.9 | (17.3) | 56.4 | (16.5) | 53.8 | (15.8) | 51.3 | (15.0) |
| | -20 | (-28.9) | 57.0 | (16.7) | 54.7 | (16.0) | 52.4 | (15.4) | 50.1 | (14.7) | 47.8 | (14.0) | 45.5 | (13.3) |
| | -25 | (-31.7) | 50.4 | (14.8) | 48.4 | (14.2) | 46.3 | (13.6) | 44.2 | (13.0) | 42.1 | (12.3) | 40.0 | (11.7) |
| | -30 | (-34.4) | 44.3 | (13.0) | 42.4 | (12.4) | 40.5 | (11.9) | 38.6 | (11.3) | 36.7 | (10.8) | 34.7 | (10.2) |
| -35 | (-37.2) | 38.6 | (11.3) | 36.9 | (10.8) | 35.2 | (10.3) | 33.4 | (9.8) | 31.6 | (9.3) | 29.8 | (8.7) | |
| -40 | (-40) | 33.4 | (9.8) | 31.9 | (9.3) | 30.3 | (8.9) | 28.6 | (8.4) | 26.9 | (7.9) | 25.2 | (7.4) | |
| KVS015D6-A Compressor Model 4DHNF63KE | 0 | (-17.8) | 114.6 | (33.6) | 109.7 | (32.2) | 105.0 | (30.8) | 100.6 | (29.5) | 96.3 | (28.2) | - | - |
| | -5 | (-20.6) | 104.0 | (30.5) | 99.5 | (29.2) | 95.1 | (27.9) | 91.0 | (26.7) | 87.0 | (25.5) | - | - |
| | -10 | (-23.3) | 94.2 | (27.6) | 89.9 | (26.3) | 85.9 | (25.2) | 82.0 | (24.0) | 78.4 | (23.0) | 75.0 | (22.0) |
| | -15 | (-26.1) | 84.9 | (24.9) | 81.0 | (23.7) | 77.2 | (22.6) | 73.6 | (21.6) | 70.3 | (20.6) | 67.1 | (19.7) |
| | -20 | (-28.9) | 76.2 | (22.3) | 72.5 | (21.2) | 69.0 | (20.2) | 65.7 | (19.3) | 62.6 | (18.3) | 59.8 | (17.5) |
| | -25 | (-31.7) | 67.9 | (19.9) | 64.5 | (18.9) | 61.3 | (18.0) | 58.2 | (17.1) | 55.3 | (16.2) | 52.7 | (15.4) |
| | -30 | (-34.4) | 59.9 | (17.6) | 56.8 | (16.6) | 53.8 | (15.8) | 51.0 | (14.9) | 48.3 | (14.2) | 45.8 | (13.4) |
| -35 | (-37.2) | 52.2 | (15.3) | 49.3 | (14.4) | 46.5 | (13.6) | 43.8 | (12.8) | 41.4 | (12.1) | 39.1 | (11.5) | |
| -40 | (-40) | 44.6 | (13.1) | 41.9 | (12.3) | 39.3 | (11.5) | 36.8 | (10.8) | 34.5 | (10.1) | 32.3 | (9.5) | |
| KVS022D6-A Compressor Model 4DJNF76KE | 0 | (-17.8) | 141.4 | (41.4) | 135.2 | (39.6) | 129.3 | (37.9) | 123.7 | (36.3) | 118.3 | (34.7) | 113.3 | (33.2) |
| | -5 | (-20.6) | 128.8 | (37.7) | 123.1 | (36.1) | 117.7 | (34.5) | 112.5 | (33.0) | 107.5 | (31.5) | 102.8 | (30.1) |
| | -10 | (-23.3) | 116.8 | (34.2) | 111.6 | (32.7) | 106.6 | (31.2) | 101.8 | (29.8) | 97.2 | (28.5) | 92.7 | (27.2) |
| | -15 | (-26.1) | 105.3 | (30.9) | 100.6 | (29.5) | 96.0 | (28.1) | 91.6 | (26.8) | 87.3 | (25.6) | 83.1 | (24.4) |
| | -20 | (-28.9) | 94.3 | (27.6) | 90.1 | (26.4) | 85.9 | (25.2) | 81.8 | (24.0) | 77.8 | (22.8) | 73.8 | (21.6) |
| | -25 | (-31.7) | 83.9 | (24.6) | 80.0 | (23.4) | 76.2 | (22.3) | 72.4 | (21.2) | 68.6 | (20.1) | 64.8 | (19.0) |
| | -30 | (-34.4) | 73.8 | (21.6) | 70.4 | (20.6) | 66.8 | (19.6) | 63.3 | (18.6) | 59.7 | (17.5) | 56.0 | (16.4) |
| -35 | (-37.2) | 64.2 | (18.8) | 61.0 | (17.9) | 57.8 | (16.9) | 54.4 | (15.9) | 51.0 | (14.9) | 47.4 | (13.9) | |
| -40 | (-40) | 54.8 | (16.1) | 51.9 | (15.2) | 48.9 | (14.3) | 45.7 | (13.4) | 42.4 | (12.4) | 38.8 | (11.4) | |
| KVS027D6-A Compressor Model 6DHNF93KE | 0 | (-17.8) | 179.9 | (52.7) | 172.5 | (50.6) | 165.1 | (48.4) | 158.0 | (46.3) | 150.9 | (44.2) | 143.9 | (42.2) |
| | -5 | (-20.6) | 163.4 | (47.9) | 156.6 | (45.9) | 149.9 | (43.9) | 143.3 | (42.0) | 136.9 | (40.1) | 130.5 | (38.2) |
| | -10 | (-23.3) | 147.3 | (43.2) | 141.1 | (41.4) | 135.0 | (39.6) | 129.0 | (37.8) | 123.1 | (36.1) | 117.2 | (34.3) |
| | -15 | (-26.1) | 131.8 | (38.6) | 126.1 | (37.0) | 120.5 | (35.3) | 115.1 | (33.7) | 109.6 | (32.1) | 104.2 | (30.5) |
| | -20 | (-28.9) | 116.9 | (34.3) | 111.8 | (32.8) | 106.7 | (31.3) | 101.7 | (29.8) | 96.6 | (28.3) | 91.6 | (26.8) |
| | -25 | (-31.7) | 102.9 | (30.2) | 98.2 | (28.8) | 93.5 | (27.4) | 88.9 | (26.1) | 84.3 | (24.7) | 79.6 | (23.3) |
| | -30 | (-34.4) | 89.9 | (26.3) | 85.5 | (25.1) | 81.2 | (23.8) | 76.9 | (22.5) | 72.6 | (21.3) | 68.2 | (20.0) |
| -35 | (-37.2) | 77.9 | (22.8) | 73.9 | (21.7) | 69.9 | (20.5) | 65.8 | (19.3) | 61.7 | (18.1) | 57.5 | (16.9) | |
| -40 | (-40) | 67.1 | (19.7) | 63.3 | (18.6) | 59.6 | (17.5) | 55.7 | (16.3) | 51.8 | (15.2) | 47.8 | (14.0) | |

CAPACITY DATA - R407A
HIGH TEMPERATURE

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE °F °C | CAPACITY MBH (KW) R407A AMBIENT TEMPERATURE °F (°C) | | | | | |
|-----------------------|--|--|-----------------------|----------------------|----------------------|----------------------|----------------------|
| | | 85 (29.4) | 90 (32.2) | 95 (35.0) | 100 (37.8) | 105 (40.6) | 110 (43.3) |
| KVD030H8-A | 45 (7.2) | 431.8 (126.5) | 415.2 (121.7) | 398.6 (116.8) | 382.4 (112.1) | 366.4 (107.4) | 350.8 (102.8) |
| Compressor | 40 (4.4) | 396.0 (116.1) | 381.2 (111.7) | 366.2 (107.3) | 351.6 (103) | 337.0 (98.8) | 322.8 (94.6) |
| 3DS3R17ME | 35 (1.7) | 361.8 (106) | 348.4 (102.1) | 335.0 (98.2) | 321.8 (94.3) | 308.8 (90.5) | 295.6 (86.6) |
| KVD044H8-A | 45 (7.2) | 561.8 (164.6) | 541.2 (158.6) | 520.8 (152.6) | 500.4 (146.7) | 479.8 (140.6) | 459.4 (134.6) |
| Compressor | 40 (4.4) | 512.0 (150.1) | 493.2 (144.5) | 474.4 (139) | 455.4 (133.5) | 436.8 (128) | 418.0 (122.5) |
| 4DANR18ME | 35 (1.7) | 465.4 (136.4) | 448.2 (131.4) | 431.0 (126.3) | 413.8 (121.3) | 396.4 (116.2) | 379.2 (111.1) |
| KVD050H8-A | 45 (7.2) | 601.2 (176.2) | 578.0 (169.4) | 554.2 (162.4) | 530.4 (155.4) | 506.6 (148.5) | 482.6 (141.4) |
| Compressor | 40 (4.4) | 555.0 (162.7) | 533.2 (156.3) | 511.2 (149.8) | 488.8 (143.3) | 466.6 (136.7) | 444.4 (130.2) |
| 4DHNR22ME | 35 (1.7) | 508.8 (149.1) | 488.6 (143.2) | 468.0 (137.2) | 447.6 (131.2) | 427.0 (125.1) | 406.4 (119.1) |
| KVD060H8-A | 45 (7.2) | 701.4 (205.6) | 674.6 (197.7) | 647.2 (189.7) | 619.2 (181.5) | 591.0 (173.2) | 562.0 (164.7) |
| Compressor | 40 (4.4) | 645.8 (189.3) | 621.0 (182) | 595.6 (174.6) | 569.8 (167) | 543.4 (159.3) | 516.8 (151.5) |
| 4DJNR28ME | 35 (1.7) | 591.6 (173.4) | 568.6 (166.6) | 545.4 (159.8) | 521.6 (152.9) | 497.4 (145.8) | 473.2 (138.7) |
| KVD070H8-A | 45 (7.2) | 878.0 (257.3) | 850.2 (249.2) | 821.8 (240.8) | 791.8 (232.1) | 760.6 (222.9) | 727.8 (213.3) |
| Compressor | 40 (4.4) | 800.2 (234.5) | 774.4 (227) | 747.8 (219.2) | 720.4 (211.1) | 691.4 (202.6) | 661.0 (193.7) |
| 6DHNR35ME | 35 (1.7) | 729.6 (213.8) | 706.0 (206.9) | 681.4 (199.7) | 656.0 (192.3) | 629.6 (184.5) | 601.4 (176.3) |
| KVD080H8-A | 45 (7.2) | 1046.2 (306.6) | 1004.4 (294.4) | 962.0 (281.9) | 919.2 (269.4) | 876.2 (256.8) | 832.8 (244.1) |
| Compressor | 40 (4.4) | 956.2 (280.2) | 919.2 (269.4) | 881.8 (258.4) | 844.0 (247.4) | 806.0 (236.2) | 767.6 (225) |
| 6DJNR40ME | 35 (1.7) | 873.0 (255.9) | 840.6 (246.4) | 807.8 (236.7) | 774.4 (227) | 741.0 (217.2) | 707.2 (207.3) |

NOTES: - Above ratings are based on mean temperature. - To convert to dew point ratings, use 0.95 multiplier.

CAPACITY DATA - R407A
MEDIUM TEMPERATURE

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R407A AMBIENT TEMPERATURE °F (°C) | | | | | |
|---|-------------------------------|---------------|---|---------------|---------------|---------------|---------------|---------------|
| | °F | °C | 85 (29.4) | 90 (32.2) | 95 (35.0) | 100 (37.8) | 105 (40.6) | 110 (43.3) |
| KVD030M8-A Compressor Model 3DS3R17ME | 30 (-1.1) | | 329.1 (96.4) | 317.1 (92.9) | 304.9 (89.4) | 293.0 (85.9) | 281.2 (82.4) | 269.2 (78.9) |
| | 25 (-3.9) | | 298.0 (87.3) | 287.1 (84.1) | 276.4 (81) | 265.7 (77.9) | 254.9 (74.7) | 244.4 (71.6) |
| | 20 (-6.7) | | 268.6 (78.7) | 258.9 (75.9) | 249.1 (73) | 239.4 (70.2) | 229.5 (67.3) | 219.9 (64.4) |
| | 15 (-9.4) | | 241.1 (70.7) | 232.3 (68.1) | 223.2 (65.4) | 214.4 (62.8) | 205.4 (60.2) | 196.4 (57.5) |
| | 10 (-12.2) | | 215.0 (63) | 207.1 (60.7) | 199.1 (58.3) | 190.7 (55.9) | 182.3 (53.4) | 173.9 (51) |
| | 5 (-15) | | 191.1 (56) | 183.8 (53.9) | 176.2 (51.6) | 168.4 (49.4) | 160.4 (47) | 152.3 (44.6) |
| 0 (-17.8) | | 169.1 (49.5) | 161.9 (47.5) | 154.8 (45.4) | 147.2 (43.1) | 139.4 (40.9) | 131.7 (38.6) | |
| KVD040M8-A Compressor Model 4DANR18ME | 30 (-1.1) | | 372.0 (109) | 358.0 (104.9) | 343.8 (100.8) | 329.2 (96.5) | 314.0 (92) | 298.6 (87.5) |
| | 25 (-3.9) | | 335.6 (98.4) | 323.0 (94.7) | 310.2 (90.9) | 297.2 (87.1) | 283.8 (83.2) | 270.0 (79.1) |
| | 20 (-6.7) | | 301.4 (88.3) | 290.2 (85) | 279.0 (81.8) | 267.4 (78.4) | 255.4 (74.9) | 243.2 (71.3) |
| | 15 (-9.4) | | 269.6 (79) | 259.8 (76.1) | 249.6 (73.2) | 239.6 (70.2) | 229.2 (67.2) | 218.4 (64) |
| | 10 (-12.2) | | 240.0 (70.3) | 231.2 (67.8) | 222.4 (65.2) | 213.6 (62.6) | 204.4 (59.9) | 195.2 (57.2) |
| | 5 (-15) | | 212.4 (62.2) | 204.6 (60) | 196.8 (57.7) | 189.2 (55.4) | 181.4 (53.2) | 173.4 (50.8) |
| 0 (-17.8) | | 186.6 (54.7) | 179.6 (52.6) | 172.8 (50.6) | 166.2 (48.7) | 159.6 (46.8) | 152.8 (44.8) | |
| KVD044M8-A Compressor Model 4DBNR20ME | 30 (-1.1) | | 421.9 (123.6) | 406.1 (119) | 390.4 (114.4) | 374.6 (109.8) | 358.9 (105.2) | 342.5 (100.4) |
| | 25 (-3.9) | | 381.2 (111.7) | 366.9 (107.5) | 352.6 (103.3) | 338.3 (99.1) | 324.0 (95) | 310.0 (90.8) |
| | 20 (-6.7) | | 343.4 (100.6) | 330.5 (96.9) | 317.5 (93.1) | 304.7 (89.3) | 291.7 (85.5) | 278.7 (81.7) |
| | 15 (-9.4) | | 308.3 (90.3) | 296.7 (87) | 285.2 (83.6) | 273.4 (80.1) | 261.9 (76.7) | 250.1 (73.3) |
| | 10 (-12.2) | | 275.9 (80.9) | 265.4 (77.8) | 255.2 (74.8) | 244.7 (71.7) | 234.2 (68.6) | 223.4 (65.5) |
| | 5 (-15) | | 245.9 (72.1) | 236.7 (69.4) | 227.2 (66.6) | 218.0 (63.9) | 208.5 (61.1) | 198.9 (58.3) |
| 0 (-17.8) | | 218.0 (63.9) | 209.8 (61.5) | 201.6 (59.1) | 193.2 (56.6) | 184.6 (54.1) | 176.0 (51.6) | |
| KVD050M8-A Compressor Model 4DHNR22ME | 30 (-1.1) | | 463.5 (135.8) | 444.8 (130.4) | 426.1 (124.9) | 407.0 (119.3) | 388.1 (113.7) | 369.2 (108.2) |
| | 25 (-3.9) | | 419.4 (122.9) | 402.2 (117.9) | 384.9 (112.8) | 367.5 (107.7) | 350.3 (102.7) | 332.6 (97.5) |
| | 20 (-6.7) | | 376.5 (110.3) | 361.2 (105.9) | 345.5 (101.2) | 329.7 (96.6) | 314.2 (92.1) | 298.2 (87.4) |
| | 15 (-9.4) | | 336.0 (98.5) | 322.1 (94.4) | 308.1 (90.3) | 293.8 (86.1) | 279.9 (82) | 266.3 (78) |
| | 10 (-12.2) | | 298.0 (87.3) | 285.6 (83.7) | 273.0 (80) | 260.4 (76.3) | 248.2 (72.7) | 236.3 (69.2) |
| | 5 (-15) | | 262.7 (77) | 251.8 (73.8) | 240.9 (70.6) | 230.0 (67.4) | 219.5 (64.3) | 209.2 (61.3) |
| 0 (-17.8) | | 231.0 (67.7) | 221.6 (64.9) | 212.3 (62.2) | 203.1 (59.5) | 194.0 (56.9) | 185.6 (54.4) | |
| KVD060M8-A Compressor Model 4DJNR28ME | 30 (-1.1) | | 539.1 (158) | 518.1 (151.8) | 496.9 (145.6) | 475.2 (139.3) | 453.4 (132.9) | 430.5 (126.2) |
| | 25 (-3.9) | | 488.7 (143.2) | 469.6 (137.6) | 450.5 (132) | 430.9 (126.3) | 411.2 (120.5) | 390.6 (114.5) |
| | 20 (-6.7) | | 440.4 (129.1) | 423.4 (124.1) | 405.9 (119) | 388.7 (113.9) | 371.1 (108.7) | 353.0 (103.5) |
| | 15 (-9.4) | | 394.6 (115.6) | 379.3 (111.1) | 363.9 (106.7) | 348.8 (102.2) | 333.5 (97.7) | 318.4 (93.3) |
| | 10 (-12.2) | | 351.5 (103) | 337.9 (99) | 324.7 (95.1) | 311.4 (91.3) | 298.2 (87.4) | 285.4 (83.6) |
| | 5 (-15) | | 311.0 (91.1) | 299.3 (87.7) | 287.7 (84.3) | 276.6 (81.1) | 265.9 (77.9) | 255.4 (74.8) |
| 0 (-17.8) | | 273.4 (80.1) | 263.3 (77.2) | 253.9 (74.4) | 244.7 (71.7) | 236.0 (69.2) | 227.9 (66.8) | |
| KVD070M8-A Compressor Model 6DHNR35ME | 30 (-1.1) | | 665.7 (195.1) | 644.1 (188.8) | 621.6 (182.2) | 598.5 (175.4) | 574.1 (168.3) | 548.5 (160.8) |
| | 25 (-3.9) | | 607.3 (178) | 587.6 (172.2) | 567.4 (166.3) | 546.4 (160.1) | 524.4 (153.7) | 501.1 (146.8) |
| | 20 (-6.7) | | 553.6 (162.2) | 535.9 (157.1) | 517.7 (151.7) | 499.0 (146.2) | 479.2 (140.4) | 458.2 (134.3) |
| | 15 (-9.4) | | 503.4 (147.5) | 487.6 (142.9) | 471.7 (138.2) | 455.1 (133.4) | 437.6 (128.3) | 419.0 (122.8) |
| | 10 (-12.2) | | 455.5 (133.5) | 442.1 (129.6) | 428.0 (125.4) | 413.7 (121.2) | 398.6 (116.8) | 382.4 (112.1) |
| | 5 (-15) | | 409.1 (119.9) | 397.5 (116.5) | 385.8 (113.1) | 373.6 (109.5) | 361.0 (105.8) | 347.1 (101.7) |
| 0 (-17.8) | | 362.9 (106.3) | 353.4 (103.6) | 343.8 (100.7) | 333.9 (97.9) | 323.4 (94.8) | 312.3 (91.5) | |
| KVD080M8-A Compressor Model 6DJNR40ME | 30 (-1.1) | | 796.7 (233.5) | 768.4 (225.2) | 739.6 (216.8) | 710.2 (208.1) | 680.8 (199.5) | 651.0 (190.8) |
| | 25 (-3.9) | | 726.4 (212.9) | 701.6 (205.6) | 676.2 (198.2) | 650.4 (190.6) | 624.1 (182.9) | 597.5 (175.1) |
| | 20 (-6.7) | | 661.3 (193.8) | 639.2 (187.3) | 616.6 (180.7) | 593.3 (173.9) | 569.7 (167) | 545.8 (160) |
| | 15 (-9.4) | | 600.0 (175.8) | 580.0 (170) | 559.2 (163.9) | 538.0 (157.7) | 516.4 (151.3) | 494.3 (144.9) |
| | 10 (-12.2) | | 541.4 (158.7) | 522.5 (153.1) | 503.0 (147.4) | 483.0 (141.6) | 462.4 (135.5) | 441.4 (129.4) |
| | 5 (-15) | | 483.8 (141.8) | 465.4 (136.4) | 446.3 (130.8) | 426.7 (125.1) | 406.6 (119.2) | 386.0 (113.1) |
| 0 (-17.8) | | 426.1 (124.9) | 407.2 (119.3) | 387.9 (113.7) | 367.7 (107.8) | 347.1 (101.7) | 326.3 (95.6) | |
| KVD100M8-A Compressor Model 6DUNR49ME | 30 (-1.1) | | 922.7 (270.4) | 892.7 (261.6) | 862.7 (252.8) | 832.4 (244) | 801.6 (234.9) | 770.1 (225.7) |
| | 25 (-3.9) | | 844.4 (247.5) | 817.1 (239.5) | 789.6 (231.4) | 761.7 (223.2) | 732.9 (214.8) | 703.3 (206.1) |
| | 20 (-6.7) | | 768.8 (225.3) | 743.8 (218) | 718.6 (210.6) | 692.4 (202.9) | 665.5 (195) | 637.6 (186.8) |
| | 15 (-9.4) | | 696.4 (204.1) | 673.3 (197.3) | 649.5 (190.4) | 625.0 (183.2) | 599.6 (175.7) | 572.7 (167.8) |
| | 10 (-12.2) | | 626.9 (183.7) | 605.2 (177.4) | 582.8 (170.8) | 559.4 (164) | 534.7 (156.7) | 508.6 (149.1) |
| | 5 (-15) | | 560.3 (164.2) | 539.7 (158.2) | 518.1 (151.8) | 495.4 (145.2) | 471.0 (138) | 445.2 (130.5) |
| 0 (-17.8) | | 496.9 (145.6) | 476.9 (139.8) | 455.5 (133.5) | 432.8 (126.8) | 408.7 (119.8) | 382.6 (112.1) | |

NOTES: - Above ratings are based on mean temperature. - To convert to dew point ratings, use 0.95 multiplier.

CAPACITY DATA - R407A
LOW TEMPERATURE

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R407A AMBIENT TEMPERATURE °F (°C) | | | | | | | | | | | |
|-----------------------|-------------------------------|---------|---|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|--------|
| | ° F | ° C | 85 | (29.4) | 90 | (32.2) | 95 | (35) | 100 | (37.8) | 105 | (40.6) | 110 | (43.3) |
| | KVD020L8-A | 0 | (-17.8) | 161.1 | (47.2) | 155.0 | (45.4) | 148.7 | (43.6) | 142.4 | (41.7) | 135.9 | (39.8) | 129.2 |
| | -5 | (-20.6) | 142.8 | (41.9) | 137.1 | (40.2) | 131.3 | (38.5) | 125.2 | (36.7) | 119.3 | (35) | 113.0 | (33.1) |
| | -10 | (-23.3) | 126.0 | (36.9) | 120.8 | (35.4) | 115.3 | (33.8) | 109.6 | (32.1) | 104.0 | (30.5) | 98.3 | (28.8) |
| Compressor Model | -15 | (-26.1) | 110.7 | (32.4) | 105.6 | (31) | 100.6 | (29.5) | 95.6 | (28) | 90.3 | (26.5) | 84.8 | (24.9) |
| 3DS3F46KE | -20 | (-28.9) | 96.4 | (28.2) | 91.8 | (26.9) | 87.2 | (25.5) | 82.3 | (24.1) | 77.5 | (22.7) | 72.7 | (21.3) |
| | -25 | (-31.7) | 83.2 | (24.4) | 79.0 | (23.1) | 74.6 | (21.8) | 70.1 | (20.6) | 65.7 | (19.3) | 61.3 | (18) |
| | -30 | (-34.4) | 70.8 | (20.7) | 66.8 | (19.6) | 62.8 | (18.4) | 58.8 | (17.2) | 54.8 | (16.1) | 50.8 | (14.9) |
| | -35 | (-37.2) | 58.8 | (17.2) | 55.2 | (16.2) | 51.7 | (15.1) | 47.9 | (14) | 44.3 | (13) | 40.7 | (11.9) |
| | -40 | (-40) | 47.3 | (13.8) | 43.9 | (12.9) | 40.7 | (11.9) | 37.4 | (11) | 34.2 | (10) | 30.9 | (9) |
| KVD030L8-A | 0 | (-17.8) | 214.4 | (62.8) | 205.2 | (60.1) | 196.1 | (57.5) | 187.1 | (54.8) | 177.9 | (52.1) | --- | --- |
| | -5 | (-20.6) | 192.2 | (56.3) | 184.0 | (53.9) | 175.8 | (51.5) | 167.6 | (49.1) | 159.2 | (46.7) | --- | --- |
| | -10 | (-23.3) | 171.2 | (50.2) | 163.8 | (48) | 156.2 | (45.8) | 148.9 | (43.6) | 141.3 | (41.4) | 133.8 | (39.2) |
| Compressor Model | -15 | (-26.1) | 151.2 | (44.3) | 144.7 | (42.4) | 137.8 | (40.4) | 131.0 | (38.4) | 124.1 | (36.4) | 117.2 | (34.3) |
| 4DL3F63KE | -20 | (-28.9) | 132.5 | (38.8) | 126.4 | (37) | 120.3 | (35.3) | 114.2 | (33.5) | 107.9 | (31.6) | 101.6 | (29.8) |
| | -25 | (-31.7) | 114.9 | (33.7) | 109.4 | (32.1) | 104.0 | (30.5) | 98.3 | (28.8) | 92.6 | (27.1) | 86.7 | (25.4) |
| | -30 | (-34.4) | 98.5 | (28.9) | 93.7 | (27.4) | 88.6 | (26) | 83.4 | (24.4) | 78.1 | (22.9) | 72.9 | (21.4) |
| | -35 | (-37.2) | 83.6 | (24.5) | 79.0 | (23.1) | 74.3 | (21.8) | 69.7 | (20.4) | 64.7 | (19) | 59.9 | (17.5) |
| | -40 | (-40) | 69.7 | (20.4) | 65.7 | (19.3) | 61.3 | (18) | 56.9 | (16.7) | 52.3 | (15.3) | 47.7 | (14) |
| KVD044L8-A | 0 | (-17.8) | 279.1 | (81.8) | 267.8 | (78.5) | 256.4 | (75.1) | 245.1 | (71.8) | 233.3 | (68.4) | --- | --- |
| | -5 | (-20.6) | 247.2 | (72.4) | 236.9 | (69.4) | 226.2 | (66.3) | 215.5 | (63.1) | 204.5 | (59.9) | 193.6 | (56.7) |
| | -10 | (-23.3) | 217.6 | (63.8) | 207.9 | (60.9) | 198.2 | (58.1) | 188.4 | (55.2) | 178.3 | (52.3) | 168.0 | (49.2) |
| Compressor Model | -15 | (-26.1) | 190.3 | (55.8) | 181.4 | (53.2) | 172.6 | (50.6) | 163.8 | (48) | 154.6 | (45.3) | 145.1 | (42.5) |
| 4DT3F76KE | -20 | (-28.9) | 165.3 | (48.4) | 157.5 | (46.2) | 149.7 | (43.9) | 141.5 | (41.5) | 133.4 | (39.1) | 125.0 | (36.6) |
| | -25 | (-31.7) | 143.0 | (41.9) | 136.1 | (39.9) | 129.2 | (37.8) | 122.2 | (35.8) | 114.9 | (33.7) | 107.5 | (31.5) |
| | -30 | (-34.4) | 123.3 | (36.1) | 117.6 | (34.5) | 111.5 | (32.7) | 105.4 | (30.9) | 99.3 | (29.1) | 92.8 | (27.2) |
| | -35 | (-37.2) | 106.5 | (31.2) | 101.6 | (29.8) | 96.8 | (28.4) | 92.0 | (27) | 86.7 | (25.4) | 81.3 | (23.8) |
| | -40 | (-40) | 92.6 | (27.1) | 89.0 | (26.1) | 85.3 | (25) | 81.3 | (23.8) | 77.3 | (22.6) | 73.1 | (21.4) |
| KVD054L8-A | 0 | (-17.8) | 338.5 | (99.2) | 325.5 | (95.4) | 311.4 | (91.3) | 296.7 | (87) | 281.4 | (82.5) | --- | --- |
| | -5 | (-20.6) | 295.1 | (86.5) | 283.3 | (83) | 270.9 | (79.4) | 257.9 | (75.6) | 244.0 | (71.5) | 229.5 | (67.3) |
| | -10 | (-23.3) | 257.9 | (75.6) | 247.4 | (72.5) | 236.3 | (69.2) | 224.5 | (65.8) | 211.9 | (62.1) | 198.9 | (58.3) |
| Compressor Model | -15 | (-26.1) | 225.8 | (66.2) | 216.3 | (63.4) | 206.2 | (60.4) | 195.5 | (57.3) | 184.2 | (54) | 172.2 | (50.5) |
| 6DL3F93KE | -20 | (-28.9) | 197.8 | (58) | 189.2 | (55.5) | 179.8 | (52.7) | 169.9 | (49.8) | 159.6 | (46.8) | 148.5 | (43.5) |
| | -25 | (-31.7) | 172.6 | (50.6) | 164.4 | (48.2) | 155.8 | (45.7) | 146.6 | (43) | 136.7 | (40.1) | 126.4 | (37) |
| | -30 | (-34.4) | 149.1 | (43.7) | 141.1 | (41.4) | 132.7 | (38.9) | 123.7 | (36.2) | 114.5 | (33.5) | 104.8 | (30.7) |
| | -35 | (-37.2) | 125.6 | (36.8) | 117.6 | (34.5) | 109.2 | (32) | 100.6 | (29.5) | 91.6 | (26.8) | 82.1 | (24.1) |
| | -40 | (-40) | 100.8 | (29.5) | 92.8 | (27.2) | 84.4 | (24.7) | 75.8 | (22.2) | 66.8 | (19.6) | 57.5 | (16.9) |
| KVD060L8-A | 0 | (-17.8) | 392.3 | (115) | 376.7 | (110.4) | 360.8 | (105.7) | 344.2 | (100.9) | 327.2 | (95.9) | --- | --- |
| | -5 | (-20.6) | 348.6 | (102.2) | 334.3 | (98) | 319.6 | (93.7) | 304.5 | (89.2) | 288.5 | (84.6) | --- | --- |
| | -10 | (-23.3) | 308.3 | (90.3) | 295.3 | (86.5) | 281.8 | (82.6) | 267.8 | (78.5) | 253.3 | (74.2) | 237.7 | (69.7) |
| Compressor Model | -15 | (-26.1) | 271.1 | (79.5) | 259.1 | (75.9) | 247.0 | (72.4) | 233.9 | (68.6) | 220.3 | (64.6) | 206.0 | (60.4) |
| 6DT3F11ME | -20 | (-28.9) | 236.5 | (69.3) | 225.5 | (66.1) | 214.2 | (62.8) | 202.2 | (59.3) | 189.4 | (55.5) | 176.0 | (51.6) |
| | -25 | (-31.7) | 204.1 | (59.8) | 194.0 | (56.9) | 183.3 | (53.7) | 172.2 | (50.5) | 160.2 | (47) | 147.4 | (43.2) |
| | -30 | (-34.4) | 173.0 | (50.7) | 163.8 | (48) | 153.7 | (45.1) | 143.2 | (42) | 131.9 | (38.7) | 119.5 | (35) |
| | -35 | (-37.2) | 143.2 | (42) | 134.4 | (39.4) | 125.0 | (36.6) | 114.7 | (33.6) | 103.7 | (30.4) | 92.0 | (27) |
| | -40 | (-40) | 113.6 | (33.3) | 105.2 | (30.8) | 96.2 | (28.2) | 86.3 | (25.3) | 75.6 | (22.2) | 64.1 | (18.8) |
| KVD080L8-A | 0 | (-17.8) | 445.6 | (130.6) | 429.9 | (126) | 414.1 | (121.4) | 398.4 | (116.8) | 382.0 | (111.9) | --- | --- |
| | -5 | (-20.6) | 401.1 | (117.6) | 386.8 | (113.4) | 372.1 | (109.1) | 357.4 | (104.7) | 342.1 | (100.3) | --- | --- |
| | -10 | (-23.3) | 357.4 | (104.7) | 344.2 | (100.9) | 330.5 | (96.9) | 316.7 | (92.8) | 302.2 | (88.6) | --- | --- |
| Compressor Model | -15 | (-26.1) | 315.0 | (92.3) | 302.6 | (88.7) | 290.0 | (85) | 277.0 | (81.2) | 263.1 | (77.1) | 248.9 | (72.9) |
| 6DUNF13ME | -20 | (-28.9) | 274.5 | (80.4) | 262.9 | (77.1) | 251.0 | (73.5) | 238.6 | (69.9) | 225.3 | (66) | 211.5 | (62) |
| | -25 | (-31.7) | 236.5 | (69.3) | 225.5 | (66.1) | 214.2 | (62.8) | 202.2 | (59.3) | 189.4 | (55.5) | 175.8 | (51.5) |
| | -30 | (-34.4) | 201.4 | (59) | 191.1 | (56) | 180.2 | (52.8) | 168.4 | (49.4) | 155.8 | (45.7) | 142.4 | (41.7) |
| | -35 | (-37.2) | 170.3 | (49.9) | 160.2 | (47) | 149.3 | (43.8) | 137.8 | (40.4) | 125.2 | (36.7) | 111.7 | (32.7) |
| | -40 | (-40) | 143.2 | (42) | 133.1 | (39) | 122.4 | (35.9) | 110.7 | (32.4) | 98.1 | (28.7) | 84.4 | (24.7) |

NOTES: - Above ratings are based on mean temperature. - To convert to dew point ratings, use 0.95 multiplier.

CAPACITY DATA - R407A
LOW TEMPERATURE MODELS
w/ 850RPM CONDENSER MOTOR(S)

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R407A AMBIENT TEMPERATURE °F (°C) | | | | | | | |
|---|-------------------------------|-----|--|--------------|--------------|--------------|--------------|--------------|--|--|
| | ° F | ° C | 85 (29.4) | 90 (32.2) | 95 (35) | 100 (37.8) | 105 (40.6) | 110 (43.3) | | |
| KVD020D8-A Compressor Model 3DS3F46KE | 0 (-17.8) | | 80.5 (23.6) | 77.5 (22.7) | 74.3 (21.8) | 71.2 (20.9) | 67.9 (19.9) | 64.6 (18.9) | | |
| | -5 (-20.6) | | 71.4 (20.9) | 68.6 (20.1) | 65.6 (19.2) | 62.6 (18.3) | 59.6 (17.5) | 56.5 (16.6) | | |
| | -10 (-23.3) | | 63.0 (18.5) | 60.4 (17.7) | 57.6 (16.9) | 54.8 (16.1) | 52.0 (15.2) | 49.1 (14.4) | | |
| | -15 (-26.1) | | 55.3 (16.2) | 52.8 (15.5) | 50.3 (14.7) | 47.8 (14) | 45.2 (13.2) | 42.4 (12.4) | | |
| | -20 (-28.9) | | 48.2 (14.1) | 45.9 (13.4) | 43.6 (12.8) | 41.2 (12.1) | 38.7 (11.4) | 36.3 (10.6) | | |
| | -25 (-31.7) | | 41.6 (12.2) | 39.5 (11.6) | 37.3 (10.9) | 35.1 (10.3) | 32.9 (9.6) | 30.7 (9) | | |
| | -30 (-34.4) | | 35.4 (10.4) | 33.4 (9.8) | 31.4 (9.2) | 29.4 (8.6) | 27.4 (8) | 25.4 (7.4) | | |
| | -35 (-37.2) | | 29.4 (8.6) | 27.6 (8.1) | 25.8 (7.6) | 23.9 (7) | 22.2 (6.5) | 20.4 (6) | | |
| | -40 (-40) | | 23.6 (6.9) | 21.9 (6.4) | 20.4 (6) | 18.7 (5.5) | 17.1 (5) | 15.4 (4.5) | | |
| KVD030D8-A Compressor Model 4DHNF63KE | 0 (-17.8) | | 107.2 (31.4) | 102.6 (30.1) | 98.1 (28.7) | 93.6 (27.4) | 88.9 (26.1) | 84.6 (24.9) | | |
| | -5 (-20.6) | | 96.1 (28.2) | 92.0 (27) | 87.9 (25.8) | 83.8 (24.6) | 79.6 (23.3) | 75.5 (22.1) | | |
| | -10 (-23.3) | | 85.6 (25.1) | 81.9 (24) | 78.1 (22.9) | 74.4 (21.8) | 70.7 (20.7) | 66.9 (19.6) | | |
| | -15 (-26.1) | | 75.6 (22.2) | 72.3 (21.2) | 68.9 (20.2) | 65.5 (19.2) | 62.1 (18.2) | 58.6 (17.2) | | |
| | -20 (-28.9) | | 66.3 (19.4) | 63.2 (18.5) | 60.2 (17.6) | 57.1 (16.7) | 54.0 (15.8) | 50.8 (14.9) | | |
| | -25 (-31.7) | | 57.4 (16.8) | 54.7 (16) | 52.0 (15.2) | 49.1 (14.4) | 46.3 (13.6) | 43.4 (12.7) | | |
| | -30 (-34.4) | | 49.2 (14.4) | 46.8 (13.7) | 44.3 (13) | 41.7 (12.2) | 39.1 (11.4) | 36.4 (10.7) | | |
| | -35 (-37.2) | | 41.8 (12.2) | 39.5 (11.6) | 37.2 (10.9) | 34.9 (10.2) | 32.3 (9.5) | 29.9 (8.8) | | |
| | -40 (-40) | | 34.9 (10.2) | 32.9 (9.6) | 30.7 (9) | 28.5 (8.3) | 26.1 (7.7) | 23.8 (7) | | |
| KVD044D8-A Compressor Model 4DJNF76KE | 0 (-17.8) | | 139.5 (40.9) | 133.9 (39.2) | 128.2 (37.6) | 122.5 (35.9) | 116.7 (34.2) | 110.9 (32.6) | | |
| | -5 (-20.6) | | 123.6 (36.2) | 118.4 (34.7) | 113.1 (33.1) | 107.7 (31.6) | 102.3 (30) | 96.8 (28.4) | | |
| | -10 (-23.3) | | 108.8 (31.9) | 104.0 (30.5) | 99.1 (29) | 94.2 (27.6) | 89.1 (26.1) | 84.0 (24.6) | | |
| | -15 (-26.1) | | 95.1 (27.9) | 90.7 (26.6) | 86.3 (25.3) | 81.9 (24) | 77.3 (22.6) | 72.6 (21.3) | | |
| | -20 (-28.9) | | 82.6 (24.2) | 78.8 (23.1) | 74.9 (21.9) | 70.8 (20.7) | 66.7 (19.5) | 62.5 (18.3) | | |
| | -25 (-31.7) | | 71.5 (21) | 68.0 (19.9) | 64.6 (18.9) | 61.1 (17.9) | 57.4 (16.8) | 53.8 (15.8) | | |
| | -30 (-34.4) | | 61.6 (18.1) | 58.8 (17.2) | 55.8 (16.3) | 52.7 (15.4) | 49.7 (14.6) | 46.4 (13.6) | | |
| | -35 (-37.2) | | 53.2 (15.6) | 50.8 (14.9) | 48.4 (14.2) | 46.0 (13.5) | 43.4 (12.7) | 40.6 (11.9) | | |
| | -40 (-40) | | 46.3 (13.6) | 44.5 (13) | 42.6 (12.5) | 40.6 (11.9) | 38.6 (11.3) | 36.5 (10.7) | | |
| KVD054D8-A Compressor Model 6DHNF93KE | 0 (-17.8) | | 169.3 (49.6) | 162.8 (47.7) | 155.7 (45.6) | 148.4 (43.5) | 140.7 (41.2) | 132.9 (39) | | |
| | -5 (-20.6) | | 147.5 (43.2) | 141.6 (41.5) | 135.5 (39.7) | 128.9 (37.8) | 122.0 (35.8) | 114.8 (33.6) | | |
| | -10 (-23.3) | | 128.9 (37.8) | 123.7 (36.2) | 118.1 (34.6) | 112.2 (32.9) | 105.9 (31) | 99.4 (29.1) | | |
| | -15 (-26.1) | | 112.9 (33.1) | 108.2 (31.7) | 103.1 (30.2) | 97.8 (28.6) | 92.1 (27) | 86.1 (25.2) | | |
| | -20 (-28.9) | | 98.9 (29) | 94.6 (27.7) | 89.9 (26.3) | 84.9 (24.9) | 79.8 (23.4) | 74.2 (21.8) | | |
| | -25 (-31.7) | | 86.3 (25.3) | 82.2 (24.1) | 77.9 (22.8) | 73.3 (21.5) | 68.4 (20) | 63.2 (18.5) | | |
| | -30 (-34.4) | | 74.6 (21.8) | 70.6 (20.7) | 66.4 (19.4) | 61.8 (18.1) | 57.2 (16.8) | 52.4 (15.4) | | |
| | -35 (-37.2) | | 62.8 (18.4) | 58.8 (17.2) | 54.6 (16) | 50.3 (14.7) | 45.8 (13.4) | 41.1 (12) | | |
| | -40 (-40) | | 50.4 (14.8) | 46.4 (13.6) | 42.2 (12.4) | 37.9 (11.1) | 33.4 (9.8) | 28.8 (8.4) | | |

NOTES: - Above ratings are based on mean temperature. - To convert to dew point ratings, use 0.95 multiplier.

CAPACITY DATA - R448A R449A
HIGH TEMPERATURE

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE °F °C | CAPACITY MBH (KW) R448A R449A AMBIENT TEMPERATURE °F (°C) | | | | | | | |
|---------------------------------------|-------------------------------------|---|---------------|---------------|---------------|---------------|---------------|-----|--|
| | | 85 (29.4) | 90 (32.2) | 95 (35.0) | 100 (37.8) | 105 (40.6) | 110 (43.3) | | |
| KVD030H8-A Compressor 3DS3R17ME | 45 (7.2) | 443.2 (129.9) | 426.4 (125) | 409.6 (120) | 393.0 (115.2) | 376.6 (110.4) | 360.2 (105.6) | | |
| | 40 (4.4) | 408.0 (119.6) | 393.0 (115.2) | 377.8 (110.7) | 362.6 (106.3) | 347.8 (101.9) | 333.0 (97.6) | | |
| | 35 (1.7) | 374.0 (109.6) | 360.4 (105.6) | 346.8 (101.6) | 333.2 (97.7) | 319.8 (93.7) | 306.6 (89.9) | | |
| KVD040H8-A Compressor 4DANR18ME | 45 (7.2) | 501.6 (147) | 483.0 (141.6) | 463.8 (135.9) | 443.8 (130.1) | 423.0 (124) | - | - | |
| | 40 (4.4) | 458.2 (134.3) | 441.4 (129.4) | 423.8 (124.2) | 405.6 (118.9) | 387.0 (113.4) | - | - | |
| | 35 (1.7) | 417.2 (122.3) | 402.0 (117.8) | 386.2 (113.2) | 369.8 (108.4) | 353.0 (103.5) | - | - | |
| KVD044H8-A Compressor 4DBNR20ME | 45 (7.2) | 566.8 (166.1) | 546.4 (160.1) | 526.0 (154.2) | 505.4 (148.1) | 484.8 (142.1) | 464.4 (136.1) | | |
| | 40 (4.4) | 518.4 (151.9) | 499.8 (146.5) | 481.2 (141) | 462.2 (135.5) | 443.4 (129.9) | 424.4 (124.4) | | |
| | 35 (1.7) | 473.0 (138.6) | 456.0 (133.6) | 438.6 (128.5) | 421.4 (123.5) | 404.2 (118.5) | 386.6 (113.3) | | |
| KVD050H8-A Compressor 4DHNR22ME | 45 (7.2) | 611.2 (179.1) | 589.0 (172.6) | 566.8 (166.1) | 544.6 (159.6) | 522.2 (153) | --- | --- | |
| | 40 (4.4) | 560.0 (164.1) | 539.8 (158.2) | 519.4 (152.2) | 498.8 (146.2) | 478.2 (140.1) | --- | --- | |
| | 35 (1.7) | 511.6 (149.9) | 493.0 (144.5) | 474.4 (139) | 455.4 (133.5) | 436.6 (128) | 417.4 (122.3) | | |
| KVD060H8-A Compressor 4DJNR28ME | 45 (7.2) | 706.4 (207) | 680.6 (199.5) | 654.0 (191.7) | 626.6 (183.6) | 598.6 (175.4) | --- | --- | |
| | 40 (4.4) | 652.8 (191.3) | 629.0 (184.3) | 604.4 (177.1) | 579.0 (169.7) | 553.0 (162.1) | --- | --- | |
| | 35 (1.7) | 600.8 (176.1) | 578.8 (169.6) | 556.0 (162.9) | 532.8 (156.1) | 508.8 (149.1) | 484.0 (141.8) | | |
| KVD070H8-A Compressor 6DHNR35ME | 45 (7.2) | 870.6 (255.1) | 840.6 (246.4) | 810.8 (237.6) | 781.0 (228.9) | 751.0 (220.1) | --- | --- | |
| | 40 (4.4) | 806.8 (236.4) | 779.8 (228.5) | 752.6 (220.6) | 725.4 (212.6) | 698.2 (204.6) | --- | --- | |
| | 35 (1.7) | 743.4 (217.9) | 718.8 (210.7) | 694.4 (203.5) | 670.0 (196.4) | 645.4 (189.1) | 620.8 (181.9) | | |
| KVD080H8-A Compressor 6DJNR40ME | 45 (7.2) | 1033.0 (302.7) | 997.2 (292.2) | 961.6 (281.8) | 925.8 (271.3) | 890.2 (260.9) | --- | --- | |
| | 40 (4.4) | 957.6 (280.6) | 925.2 (271.1) | 892.8 (261.7) | 860.4 (252.2) | 828.0 (242.7) | --- | --- | |
| | 35 (1.7) | 882.6 (258.7) | 853.2 (250) | 824.0 (241.5) | 794.8 (232.9) | 765.4 (224.3) | 736.2 (215.8) | | |

NOTES: - Above ratings are based on mean temperature. - To convert to dew point ratings, use 0.95 multiplier.

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R448A R449A AMBIENT TEMPERATURE °F (°C) | | | | | | | |
|---|-------------------------------|---------------|---|---------------|---------------|---------------|---------------|---------------|--|--|
| | ° F | ° C | 85 (29.4) | 90 (32.2) | 95 (35.0) | 100 (37.8) | 105 (40.6) | 110 (43.3) | | |
| KVD030M8-A Compressor Model 3DS3R17ME | 30 (-1.1) | | 341.3 (100) | 329.1 (96.4) | 316.9 (92.9) | 304.7 (89.3) | 292.5 (85.7) | 280.6 (82.2) | | |
| | 25 (-3.9) | | 309.8 (90.8) | 298.8 (87.6) | 287.9 (84.4) | 277.0 (81.2) | 266.1 (78) | 255.4 (74.8) | | |
| | 20 (-6.7) | | 279.9 (82) | 270.1 (79.1) | 260.2 (76.3) | 250.3 (73.4) | 240.7 (70.5) | 230.8 (67.6) | | |
| | 15 (-9.4) | | 251.6 (73.7) | 242.8 (71.1) | 233.9 (68.6) | 224.9 (65.9) | 216.1 (63.3) | 207.3 (60.7) | | |
| | 10 (-12.2) | | 224.9 (65.9) | 216.9 (63.6) | 209.0 (61.2) | 200.8 (58.8) | 192.6 (56.4) | 184.6 (54.1) | | |
| | 5 (-15) | | 200.1 (58.7) | 192.8 (56.5) | 185.4 (54.3) | 177.9 (52.1) | 170.3 (49.9) | 162.8 (47.7) | | |
| 0 (-17.8) | | 177.2 (51.9) | 170.5 (50) | 163.6 (47.9) | 156.5 (45.9) | 149.3 (43.8) | 142.2 (41.7) | | | |
| KVD040M8-A Compressor Model 4DANR18ME | 30 (-1.1) | | 378.8 (111) | 365.0 (107) | 350.8 (102.8) | 336.2 (98.5) | 321.0 (94.1) | 305.2 (89.4) | | |
| | 25 (-3.9) | | 342.6 (100.4) | 330.2 (96.8) | 317.6 (93.1) | 304.6 (89.3) | 291.0 (85.3) | 277.0 (81.2) | | |
| | 20 (-6.7) | | 308.6 (90.4) | 297.6 (87.2) | 286.4 (83.9) | 274.8 (80.5) | 262.8 (77) | 250.4 (73.4) | | |
| | 15 (-9.4) | | 276.6 (81.1) | 267.0 (78.2) | 257.0 (75.3) | 246.8 (72.3) | 236.4 (69.3) | 225.6 (66.1) | | |
| | 10 (-12.2) | | 246.8 (72.3) | 238.0 (69.8) | 229.4 (67.2) | 220.4 (64.6) | 211.4 (62) | 202.0 (59.2) | | |
| | 5 (-15) | | 218.6 (64.1) | 211.0 (61.8) | 203.4 (59.6) | 195.6 (57.3) | 187.8 (55) | 179.6 (52.6) | | |
| 0 (-17.8) | | 192.2 (56.3) | 185.4 (54.3) | 178.6 (52.3) | 172.0 (50.4) | 165.2 (48.4) | 158.4 (46.4) | | | |
| KVD044M8-A Compressor Model 4DBNR20ME | 30 (-1.1) | | 430.1 (126) | 414.5 (121.5) | 398.8 (116.9) | 383.3 (112.3) | 367.3 (107.6) | 351.3 (103) | | |
| | 25 (-3.9) | | 389.8 (114.2) | 375.7 (110.1) | 361.4 (105.9) | 347.1 (101.7) | 332.9 (97.5) | 318.4 (93.3) | | |
| | 20 (-6.7) | | 352.0 (103.1) | 339.4 (99.5) | 326.6 (95.7) | 313.5 (91.9) | 300.5 (88.1) | 287.3 (84.2) | | |
| | 15 (-9.4) | | 316.7 (92.8) | 305.3 (89.5) | 293.8 (86.1) | 282.2 (82.7) | 270.5 (79.3) | 258.5 (75.8) | | |
| | 10 (-12.2) | | 283.9 (83.2) | 273.6 (80.2) | 263.3 (77.2) | 252.8 (74.1) | 242.3 (71) | 231.4 (67.8) | | |
| | 5 (-15) | | 253.3 (74.2) | 244.2 (71.6) | 235.0 (68.9) | 225.5 (66.1) | 215.9 (63.3) | 206.2 (60.4) | | |
| 0 (-17.8) | | 224.9 (65.9) | 216.7 (63.5) | 208.5 (61.1) | 199.9 (58.6) | 191.3 (56.1) | 182.5 (53.5) | | | |
| KVD050M8-A Compressor Model 4DHNR22ME | 30 (-1.1) | | 465.8 (136.5) | 448.8 (131.5) | 431.8 (126.5) | 414.5 (121.5) | 397.3 (116.4) | 379.9 (111.3) | | |
| | 25 (-3.9) | | 422.7 (123.9) | 407.4 (119.4) | 391.9 (114.8) | 376.1 (110.2) | 360.4 (105.6) | 344.4 (100.9) | | |
| | 20 (-6.7) | | 382.2 (112) | 368.3 (107.9) | 354.3 (103.8) | 340.2 (99.7) | 325.7 (95.5) | 311.2 (91.2) | | |
| | 15 (-9.4) | | 344.2 (100.9) | 331.8 (97.2) | 319.2 (93.5) | 306.4 (89.8) | 293.4 (86) | 280.4 (82.2) | | |
| | 10 (-12.2) | | 308.9 (90.5) | 297.8 (87.3) | 286.2 (83.9) | 274.9 (80.6) | 263.1 (77.1) | 251.2 (73.6) | | |
| | 5 (-15) | | 275.9 (80.9) | 265.9 (77.9) | 255.6 (74.9) | 245.3 (71.9) | 234.8 (68.8) | 223.9 (65.6) | | |
| 0 (-17.8) | | 245.1 (71.8) | 236.0 (69.2) | 227.0 (66.5) | 217.6 (63.8) | 208.1 (61) | 198.5 (58.2) | | | |
| KVD060M8-A Compressor Model 4DJNR28ME | 30 (-1.1) | | 550.4 (161.3) | 530.3 (155.4) | 509.5 (149.3) | 488.0 (143) | 466.0 (136.6) | 443.3 (129.9) | | |
| | 25 (-3.9) | | 501.9 (147.1) | 483.4 (141.7) | 464.3 (136.1) | 444.8 (130.4) | 424.6 (124.4) | 404.0 (118.4) | | |
| | 20 (-6.7) | | 455.1 (133.4) | 438.3 (128.4) | 421.1 (123.4) | 403.2 (118.2) | 384.9 (112.8) | 366.0 (107.3) | | |
| | 15 (-9.4) | | 410.1 (120.2) | 394.8 (115.7) | 379.3 (111.1) | 363.1 (106.4) | 346.5 (101.5) | 329.5 (96.6) | | |
| | 10 (-12.2) | | 367.1 (107.6) | 353.2 (103.5) | 339.2 (99.4) | 324.7 (95.1) | 309.8 (90.8) | 294.4 (86.3) | | |
| | 5 (-15) | | 325.9 (95.5) | 313.5 (91.9) | 300.7 (88.1) | 287.7 (84.3) | 274.3 (80.4) | 260.6 (76.4) | | |
| 0 (-17.8) | | 286.4 (83.9) | 275.3 (80.7) | 264.0 (77.4) | 252.2 (73.9) | 240.2 (70.4) | 228.1 (66.8) | | | |
| KVD070M8-A Compressor Model 6DHNR35ME | 30 (-1.1) | | 681.0 (199.6) | 659.0 (193.1) | 636.9 (186.7) | 614.9 (180.2) | 592.8 (173.7) | 570.6 (167.2) | | |
| | 25 (-3.9) | | 620.1 (181.7) | 600.4 (176) | 580.7 (170.2) | 560.9 (164.4) | 541.0 (158.5) | 520.8 (152.6) | | |
| | 20 (-6.7) | | 561.1 (164.4) | 543.5 (159.3) | 525.8 (154.1) | 508.2 (148.9) | 490.1 (143.6) | 472.1 (138.4) | | |
| | 15 (-9.4) | | 504.8 (148) | 489.1 (143.3) | 473.3 (138.7) | 457.2 (134) | 441.0 (129.2) | 424.6 (124.4) | | |
| | 10 (-12.2) | | 451.7 (132.4) | 437.4 (128.2) | 423.2 (124) | 408.9 (119.8) | 394.2 (115.5) | 379.3 (111.1) | | |
| | 5 (-15) | | 402.2 (117.9) | 389.3 (114.1) | 376.3 (110.3) | 363.1 (106.4) | 349.7 (102.5) | 336.0 (98.5) | | |
| 0 (-17.8) | | 356.6 (104.5) | 344.8 (101.1) | 333.1 (97.6) | 320.9 (94) | 308.3 (90.3) | 295.5 (86.6) | | | |
| KVD080M8-A Compressor Model 6DJNR40ME | 30 (-1.1) | | 808.5 (236.9) | 782.0 (229.2) | 755.8 (221.5) | 729.5 (213.8) | 703.3 (206.1) | 676.8 (198.4) | | |
| | 25 (-3.9) | | 736.1 (215.7) | 712.5 (208.8) | 689.0 (201.9) | 665.3 (195) | 641.6 (188) | 617.8 (181.1) | | |
| | 20 (-6.7) | | 665.9 (195.2) | 644.9 (189) | 623.9 (182.8) | 602.7 (176.6) | 581.5 (170.4) | 560.1 (164.1) | | |
| | 15 (-9.4) | | 598.9 (175.5) | 580.2 (170) | 561.3 (164.5) | 542.4 (159) | 523.3 (153.4) | 503.8 (147.6) | | |
| | 10 (-12.2) | | 535.7 (157) | 518.9 (152.1) | 501.9 (147.1) | 484.9 (142.1) | 467.7 (137.1) | 450.0 (131.9) | | |
| | 5 (-15) | | 476.7 (139.7) | 461.6 (135.3) | 446.3 (130.8) | 430.7 (126.2) | 415.2 (121.7) | 399.0 (116.9) | | |
| 0 (-17.8) | | 422.9 (124) | 409.1 (119.9) | 395.0 (115.8) | 380.7 (111.6) | 366.2 (107.3) | 351.5 (103) | | | |
| KVD100M8-A Compressor Model 6DUNR49ME | 30 (-1.1) | | 942.1 (276.1) | 911.2 (267) | 880.3 (258) | 849.2 (248.9) | 818.0 (239.7) | --- | | |
| | 25 (-3.9) | | 860.8 (252.3) | 833.1 (244.1) | 805.4 (236) | 777.2 (227.8) | 748.9 (219.5) | 720.3 (211.1) | | |
| | 20 (-6.7) | | 781.6 (229.1) | 756.8 (221.8) | 731.6 (214.4) | 706.2 (207) | 680.6 (199.5) | 654.6 (191.8) | | |
| | 15 (-9.4) | | 705.2 (206.7) | 682.9 (200.1) | 660.2 (193.5) | 637.1 (186.7) | 613.8 (179.9) | 590.1 (172.9) | | |
| | 10 (-12.2) | | 632.5 (185.4) | 612.2 (179.4) | 591.8 (173.4) | 570.8 (167.3) | 549.4 (161) | 527.5 (154.6) | | |
| | 5 (-15) | | 564.1 (165.3) | 545.6 (159.9) | 526.9 (154.4) | 507.6 (148.8) | 487.8 (143) | 467.5 (137) | | |
| 0 (-17.8) | | 500.9 (146.8) | 483.8 (141.8) | 466.2 (136.6) | 448.4 (131.4) | 429.7 (125.9) | 410.6 (120.3) | | | |

NOTES: - Above ratings are based on mean temperature. - To convert to dew point ratings, use 0.95 multiplier.

CAPACITY DATA - R448A R449A
LOW TEMPERATURE

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R448A R449A AMBIENT TEMPERATURE °F (°C) | | | | | | | | | | | |
|---|-------------------------------|---------|---|---------|-------|---------|--------|---------|-------|---------|-------|---------|-------|--------|
| | ° F | ° C | 85 | 90 | 95 | 100 | 105 | 110 | | | | | | |
| | | | (29.4) | (32.2) | (35) | (37.8) | (40.6) | (43.3) | | | | | | |
| KVD020L8-A Compressor Model 3DS3F46KE | -5 | (-20.6) | 151.0 | (44.3) | 144.7 | (42.4) | 138.4 | (40.6) | 131.9 | (38.7) | 125.4 | (36.7) | 118.7 | (34.8) |
| | -10 | (-23.3) | 132.5 | (38.8) | 126.8 | (37.2) | 121.0 | (35.4) | 115.1 | (33.7) | 109.0 | (31.9) | 102.9 | (30.2) |
| | -15 | (-26.1) | 115.9 | (34) | 110.7 | (32.4) | 105.2 | (30.8) | 99.8 | (29.2) | 94.1 | (27.6) | 88.4 | (25.9) |
| | -20 | (-28.9) | 100.8 | (29.5) | 95.8 | (28.1) | 90.7 | (26.6) | 85.7 | (25.1) | 80.4 | (23.6) | 75.2 | (22) |
| | -25 | (-31.7) | 87.2 | (25.5) | 82.5 | (24.2) | 77.7 | (22.8) | 72.9 | (21.4) | 68.0 | (19.9) | 63.0 | (18.5) |
| | -30 | (-34.4) | 74.6 | (21.8) | 70.4 | (20.6) | 65.7 | (19.3) | 61.1 | (17.9) | 56.5 | (16.6) | 51.7 | (15.1) |
| | -35 | (-37.2) | 63.2 | (18.5) | 59.0 | (17.3) | 54.8 | (16.1) | 50.4 | (14.8) | 45.8 | (13.4) | 41.2 | (12.1) |
| | -40 | (-40) | 52.9 | (15.5) | 48.7 | (14.3) | 44.5 | (13) | 40.1 | (11.8) | 35.7 | (10.5) | 31.1 | (9.1) |
| KVD030L8-A Compressor Model 4DL3F63KE | -5 | (-20.6) | 197.8 | (58) | 189.6 | (55.6) | 181.2 | (53.1) | 172.8 | (50.7) | 164.4 | (48.2) | 156.2 | (45.8) |
| | -10 | (-23.3) | 176.6 | (51.8) | 169.1 | (49.5) | 161.5 | (47.3) | 153.7 | (45.1) | 146.2 | (42.8) | 138.4 | (40.6) |
| | -15 | (-26.1) | 156.5 | (45.9) | 149.5 | (43.8) | 142.6 | (41.8) | 135.7 | (39.8) | 128.5 | (37.7) | 121.4 | (35.6) |
| | -20 | (-28.9) | 137.6 | (40.3) | 131.3 | (38.5) | 124.7 | (36.6) | 118.2 | (34.6) | 111.7 | (32.7) | 105.2 | (30.8) |
| | -25 | (-31.7) | 119.9 | (35.1) | 114.0 | (33.4) | 107.9 | (31.6) | 101.6 | (29.8) | 95.6 | (28) | 89.3 | (26.2) |
| | -30 | (-34.4) | 103.1 | (30.2) | 97.4 | (28.6) | 91.8 | (26.9) | 85.9 | (25.2) | 79.8 | (23.4) | 73.9 | (21.7) |
| | -35 | (-37.2) | 86.9 | (25.5) | 81.7 | (23.9) | 76.0 | (22.3) | 70.4 | (20.6) | 64.5 | (18.9) | 58.8 | (17.2) |
| | -40 | (-40) | 71.8 | (21) | 66.4 | (19.4) | 60.9 | (17.8) | 55.4 | (16.2) | 49.6 | (14.5) | 43.9 | (12.9) |
| BVD044L8-A Compressor Model 4DT3F76KE | -5 | (-20.6) | 253.1 | (74.2) | 242.6 | (71.1) | 232.1 | (68) | 221.6 | (64.9) | 210.8 | (61.8) | 199.9 | (58.6) |
| | -10 | (-23.3) | 223.7 | (65.5) | 214.0 | (62.7) | 204.1 | (59.8) | 194.3 | (56.9) | 184.2 | (54) | 174.1 | (51) |
| | -15 | (-26.1) | 197.0 | (57.7) | 188.0 | (55.1) | 178.9 | (52.4) | 169.7 | (49.7) | 160.2 | (47) | 150.8 | (44.2) |
| | -20 | (-28.9) | 172.6 | (50.6) | 164.2 | (48.1) | 155.8 | (45.7) | 147.0 | (43.1) | 138.2 | (40.5) | 129.4 | (37.9) |
| | -25 | (-31.7) | 150.2 | (44) | 142.4 | (41.7) | 134.4 | (39.4) | 126.2 | (37) | 117.8 | (34.5) | 109.4 | (32.1) |
| | -30 | (-34.4) | 128.9 | (37.8) | 121.6 | (35.6) | 114.0 | (33.4) | 106.5 | (31.2) | 98.5 | (28.9) | 90.3 | (26.5) |
| | -35 | (-37.2) | 108.6 | (31.8) | 101.6 | (29.8) | 94.5 | (27.7) | 87.2 | (25.5) | 79.6 | (23.3) | 71.8 | (21) |
| | -40 | (-40) | 88.4 | (25.9) | 81.9 | (24) | 75.2 | (22) | 68.0 | (19.9) | 60.7 | (17.8) | 53.3 | (15.6) |
| KVD054L8-A Compressor Model 6DL3F93KE | -5 | (-20.6) | 306.4 | (89.8) | 294.6 | (86.3) | 282.2 | (82.7) | 269.4 | (79) | 256.0 | (75) | 241.9 | (70.9) |
| | -10 | (-23.3) | 270.5 | (79.3) | 259.8 | (76.1) | 248.4 | (72.8) | 236.7 | (69.4) | 224.1 | (65.7) | 211.1 | (61.9) |
| | -15 | (-26.1) | 237.5 | (69.6) | 227.6 | (66.7) | 217.4 | (63.7) | 206.2 | (60.4) | 194.7 | (57.1) | 182.5 | (53.5) |
| | -20 | (-28.9) | 207.3 | (60.7) | 198.0 | (58) | 188.6 | (55.3) | 178.3 | (52.3) | 167.4 | (49.1) | 155.8 | (45.7) |
| | -25 | (-31.7) | 179.1 | (52.5) | 170.7 | (50) | 161.7 | (47.4) | 152.0 | (44.6) | 142.0 | (41.6) | 131.0 | (38.4) |
| | -30 | (-34.4) | 153.1 | (44.9) | 145.1 | (42.5) | 136.7 | (40.1) | 127.5 | (37.4) | 117.8 | (34.5) | 107.3 | (31.4) |
| | -35 | (-37.2) | 128.7 | (37.7) | 121.2 | (35.5) | 113.0 | (33.1) | 104.2 | (30.5) | 94.7 | (27.8) | 84.6 | (24.8) |
| | -40 | (-40) | 105.4 | (30.9) | 98.1 | (28.7) | 90.1 | (26.4) | 81.5 | (23.9) | 72.2 | (21.2) | 62.4 | (18.3) |
| KVD060L8-A Compressor Model 6DT3F11ME | -5 | (-20.6) | 360.2 | (105.5) | 345.9 | (101.4) | 330.8 | (96.9) | 315.0 | (92.3) | 298.6 | (87.5) | 281.6 | (82.5) |
| | -10 | (-23.3) | 318.6 | (93.4) | 305.3 | (89.5) | 291.5 | (85.4) | 277.0 | (81.2) | 261.9 | (76.7) | 245.9 | (72.1) |
| | -15 | (-26.1) | 280.4 | (82.2) | 268.2 | (78.6) | 255.4 | (74.8) | 241.9 | (70.9) | 227.6 | (66.7) | 212.7 | (62.3) |
| | -20 | (-28.9) | 244.9 | (71.8) | 233.7 | (68.5) | 221.8 | (65) | 209.2 | (61.3) | 195.9 | (57.4) | 181.9 | (53.3) |
| | -25 | (-31.7) | 211.9 | (62.1) | 201.4 | (59) | 190.3 | (55.8) | 178.5 | (52.3) | 165.9 | (48.6) | 152.5 | (44.7) |
| | -30 | (-34.4) | 181.0 | (53.1) | 171.2 | (50.2) | 160.7 | (47.1) | 149.3 | (43.8) | 137.1 | (40.2) | 124.3 | (36.4) |
| | -35 | (-37.2) | 151.6 | (44.4) | 142.2 | (41.7) | 132.1 | (38.7) | 121.2 | (35.5) | 109.4 | (32.1) | 97.0 | (28.4) |
| | -40 | (-40) | 123.5 | (36.2) | 114.2 | (33.5) | 104.4 | (30.6) | 93.7 | (27.4) | 82.1 | (24.1) | 69.9 | (20.5) |
| KVD080L8-A Compressor Model 6DUNF13ME | -5 | (-20.6) | 415.0 | (121.6) | 400.5 | (117.4) | 385.6 | (113) | 370.2 | (108.5) | 354.5 | (103.9) | 338.3 | (99.1) |
| | -10 | (-23.3) | 369.6 | (108.3) | 356.2 | (104.4) | 342.3 | (100.3) | 327.8 | (96.1) | 312.9 | (91.7) | 297.6 | (87.2) |
| | -15 | (-26.1) | 325.9 | (95.5) | 313.3 | (91.8) | 300.1 | (87.9) | 286.4 | (83.9) | 272.4 | (79.8) | 257.3 | (75.4) |
| | -20 | (-28.9) | 284.3 | (83.3) | 272.4 | (79.8) | 260.0 | (76.2) | 247.0 | (72.4) | 233.1 | (68.3) | 218.6 | (64.1) |
| | -25 | (-31.7) | 245.7 | (72) | 234.4 | (68.7) | 222.4 | (65.2) | 209.8 | (61.5) | 196.4 | (57.5) | 182.1 | (53.4) |
| | -30 | (-34.4) | 211.1 | (61.9) | 199.9 | (58.6) | 188.2 | (55.1) | 175.8 | (51.5) | 162.5 | (47.6) | 148.3 | (43.5) |
| | -35 | (-37.2) | 180.6 | (52.9) | 169.9 | (49.8) | 158.1 | (46.3) | 145.7 | (42.7) | 132.5 | (38.8) | 118.2 | (34.6) |
| | -40 | (-40) | 155.6 | (45.6) | 144.7 | (42.4) | 132.9 | (39) | 120.3 | (35.3) | 106.9 | (31.3) | 92.4 | (27.1) |

NOTES: - Above ratings are based on mean temperature. - To convert to dew point ratings, use 0.95 multiplier.

CAPACITY DATA - R448A R449A
LOW TEMPERATURE MODELS
w/ 850RPM CONDENSER MOTOR(S)

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R448A R449A AMBIENT TEMPERATURE °F (°C) | | | | | | | | | |
|---|-------------------------------|--------------|---|--------------|--------------|--------------|--------------|--------------|--|--|--|--|
| | ° F | ° C | 85 (29.4) | 90 (32.2) | 95 (35) | 100 (37.8) | 105 (40.6) | 110 (43.3) | | | | |
| KVD020D8-A Compressor Model 3DS3F46KE | -5 (-20.6) | | 148.6 (43.6) | 142.4 (41.7) | 136.0 (39.9) | 129.6 (38) | 123.0 (36) | 116.4 (34.1) | | | | |
| | -10 (-23.3) | | 130.6 (38.3) | 124.8 (36.6) | 119.0 (34.9) | 113.0 (33.1) | 107.0 (31.4) | 101.0 (29.6) | | | | |
| | -15 (-26.1) | | 114.2 (33.5) | 109.0 (31.9) | 103.6 (30.4) | 98.0 (28.7) | 92.4 (27.1) | 86.8 (25.4) | | | | |
| | -20 (-28.9) | | 99.4 (29.1) | 94.4 (27.7) | 89.4 (26.2) | 84.2 (24.7) | 79.0 (23.2) | 73.8 (21.6) | | | | |
| | -25 (-31.7) | | 85.8 (25.1) | 81.2 (23.8) | 76.6 (22.4) | 71.6 (21) | 66.8 (19.6) | 61.8 (18.1) | | | | |
| | -30 (-34.4) | | 73.6 (21.6) | 69.2 (20.3) | 64.8 (19) | 60.2 (17.6) | 55.4 (16.2) | 50.6 (14.8) | | | | |
| | -35 (-37.2) | | 62.4 (18.3) | 58.2 (17.1) | 53.8 (15.8) | 49.4 (14.5) | 44.8 (13.1) | 40.2 (11.8) | | | | |
| -40 (-40) | | 52.2 (15.3) | 48.0 (14.1) | 43.8 (12.8) | 39.4 (11.5) | 35.0 (10.3) | 30.4 (8.9) | | | | | |
| KVD030D8-A Compressor Model 4DHNF63KE | -5 (-20.6) | | 193.4 (56.7) | 185.0 (54.2) | 176.8 (51.8) | 168.6 (49.4) | 160.2 (46.9) | 152.2 (44.6) | | | | |
| | -10 (-23.3) | | 172.8 (50.6) | 165.2 (48.4) | 157.8 (46.2) | 150.2 (44) | 142.6 (41.8) | 135.0 (39.6) | | | | |
| | -15 (-26.1) | | 153.4 (45) | 146.4 (42.9) | 139.6 (40.9) | 132.6 (38.9) | 125.6 (36.8) | 118.6 (34.8) | | | | |
| | -20 (-28.9) | | 135.0 (39.6) | 128.6 (37.7) | 122.2 (35.8) | 115.8 (33.9) | 109.2 (32) | 102.6 (30.1) | | | | |
| | -25 (-31.7) | | 117.6 (34.5) | 111.8 (32.8) | 105.6 (30.9) | 99.6 (29.2) | 93.4 (27.4) | 87.2 (25.6) | | | | |
| | -30 (-34.4) | | 101.2 (29.7) | 95.6 (28) | 89.8 (26.3) | 84.0 (24.6) | 78.0 (22.9) | 72.0 (21.1) | | | | |
| | -35 (-37.2) | | 85.4 (25) | 80.0 (23.4) | 74.4 (21.8) | 68.8 (20.2) | 63.0 (18.5) | 57.2 (16.8) | | | | |
| -40 (-40) | | 70.4 (20.6) | 65.0 (19) | 59.6 (17.5) | 54.0 (15.8) | 48.4 (14.2) | 42.6 (12.5) | | | | | |
| KVD044D8-A Compressor Model 4DJNF76KE | -5 (-20.6) | | 249.2 (73) | 238.8 (70) | 228.4 (66.9) | 217.8 (63.8) | 207.2 (60.7) | 196.4 (57.6) | | | | |
| | -10 (-23.3) | | 220.4 (64.6) | 210.8 (61.8) | 201.0 (58.9) | 191.2 (56) | 181.2 (53.1) | 171.2 (50.2) | | | | |
| | -15 (-26.1) | | 194.2 (56.9) | 185.4 (54.3) | 176.2 (51.6) | 167.0 (48.9) | 157.6 (46.2) | 148.2 (43.4) | | | | |
| | -20 (-28.9) | | 170.4 (49.9) | 162.0 (47.5) | 153.6 (45) | 144.8 (42.4) | 136.0 (39.9) | 127.2 (37.3) | | | | |
| | -25 (-31.7) | | 148.2 (43.4) | 140.4 (41.1) | 132.4 (38.8) | 124.2 (36.4) | 116.0 (34) | 107.4 (31.5) | | | | |
| | -30 (-34.4) | | 127.4 (37.3) | 120.0 (35.2) | 112.4 (32.9) | 104.8 (30.7) | 96.8 (28.4) | 88.8 (26) | | | | |
| | -35 (-37.2) | | 107.2 (31.4) | 100.2 (29.4) | 93.2 (27.3) | 85.8 (25.1) | 78.2 (22.9) | 70.6 (20.7) | | | | |
| -40 (-40) | | 87.4 (25.6) | 80.8 (23.7) | 74.0 (21.7) | 67.0 (19.6) | 59.6 (17.5) | 52.2 (15.3) | | | | | |
| KVD054D8-A Compressor Model 6DHNF93KE | -5 (-20.6) | | 301.8 (88.4) | 290.0 (85) | 277.6 (81.4) | 264.6 (77.5) | 251.0 (73.6) | 237.0 (69.5) | | | | |
| | -10 (-23.3) | | 266.8 (78.2) | 255.8 (75) | 244.4 (71.6) | 232.4 (68.1) | 220.0 (64.5) | 206.8 (60.6) | | | | |
| | -15 (-26.1) | | 234.4 (68.7) | 224.4 (65.8) | 214.0 (62.7) | 202.8 (59.4) | 191.2 (56) | 178.8 (52.4) | | | | |
| | -20 (-28.9) | | 204.6 (60) | 195.4 (57.3) | 185.6 (54.4) | 175.4 (51.4) | 164.4 (48.2) | 152.8 (44.8) | | | | |
| | -25 (-31.7) | | 177.0 (51.9) | 168.4 (49.4) | 159.4 (46.7) | 149.6 (43.8) | 139.2 (40.8) | 128.2 (37.6) | | | | |
| | -30 (-34.4) | | 151.2 (44.3) | 143.2 (42) | 134.6 (39.4) | 125.4 (36.8) | 115.6 (33.9) | 105.0 (30.8) | | | | |
| | -35 (-37.2) | | 127.0 (37.2) | 119.4 (35) | 111.2 (32.6) | 102.2 (30) | 92.8 (27.2) | 82.6 (24.2) | | | | |
| -40 (-40) | | 104.0 (30.5) | 96.6 (28.3) | 88.6 (26) | 79.8 (23.4) | 70.6 (20.7) | 60.6 (17.8) | | | | | |

NOTES: - Above ratings are based on mean temperature. - To convert to dew point ratings, use 0.95 multiplier.

CAPACITY DATA - R407C
HIGH TEMPERATURE

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE °F °C | CAPACITY MBH (KW) R407C AMBIENT TEMPERATURE °F (°C) | | | | | | | | |
|---|-------------------------------------|--|----------------|----------------|----------------|----------------|----------------|----------------|---------------|--|
| | | 85 (29.4) | 90 (32.2) | 95 (35.0) | 100 (37.8) | 105 (40.6) | 110 (43.3) | | | |
| KVD030H8-A Compressor Model 3DS3R17ME | 55 (12.8) | 495.0 (145.1) | 476.5 (139.6) | 458.6 (134.4) | 441.2 (129.3) | 424.4 (124.4) | 407.8 (119.5) | 392.5 (115) | 377.6 (110.7) | |
| | 50 (10) | 456.1 (133.7) | 439.5 (128.8) | 423.6 (124.1) | 407.8 (119.5) | 392.5 (115) | 377.6 (110.7) | 361.8 (106) | 348.4 (102.1) | |
| | 45 (7.2) | 419.0 (122.8) | 404.0 (118.4) | 389.8 (114.2) | 375.7 (110.1) | 361.8 (106) | 348.4 (102.1) | 332.4 (97.4) | 320.3 (93.9) | |
| | 40 (4.4) | 383.5 (112.4) | 370.2 (108.5) | 357.4 (104.7) | 344.8 (101.1) | 332.4 (97.4) | 320.3 (93.9) | 304.1 (89.1) | 293.0 (85.9) | |
| | 35 (1.7) | 349.4 (102.4) | 337.9 (99) | 326.3 (95.6) | 315.2 (92.4) | 304.1 (89.1) | 293.0 (85.9) | - | - | |
| KVD040H8-A Compressor Model 4DANR18ME | 55 (12.8) | 619.0 (181.4) | 586.6 (171.9) | 554.8 (162.6) | 523.6 (153.5) | 493.0 (144.5) | 462.8 (135.6) | 447.0 (131) | 420.4 (123.2) | |
| | 50 (10) | 559.0 (163.8) | 530.2 (155.4) | 501.8 (147.1) | 474.2 (139) | 447.0 (131) | 420.4 (123.2) | 404.8 (118.6) | 381.8 (111.9) | |
| | 45 (7.2) | 503.0 (147.4) | 477.4 (139.9) | 452.6 (132.6) | 428.6 (125.6) | 404.8 (118.6) | 381.8 (111.9) | 366.4 (107.4) | 346.6 (101.6) | |
| | 40 (4.4) | 451.2 (132.2) | 429.0 (125.7) | 407.6 (119.5) | 386.8 (113.4) | 366.4 (107.4) | 346.6 (101.6) | 331.6 (97.2) | 314.8 (92.3) | |
| | 35 (1.7) | 403.6 (118.3) | 384.8 (112.8) | 366.4 (107.4) | 348.8 (102.2) | 331.6 (97.2) | 314.8 (92.3) | - | - | |
| KVD044H8-A Compressor Model 4DBNR20ME | 55 (12.8) | 644.5 (188.9) | 621.2 (182) | 598.1 (175.3) | 574.8 (168.4) | 551.9 (161.7) | 529.0 (155) | 501.3 (146.9) | 479.9 (140.6) | |
| | 50 (10) | 588.4 (172.4) | 566.6 (166) | 544.7 (159.6) | 522.9 (153.2) | 501.3 (146.9) | 479.9 (140.6) | 455.1 (133.4) | 435.3 (127.6) | |
| | 45 (7.2) | 536.6 (157.2) | 516.0 (151.2) | 495.6 (145.2) | 475.2 (139.3) | 455.1 (133.4) | 435.3 (127.6) | 412.9 (121) | 394.4 (115.6) | |
| | 40 (4.4) | 488.7 (143.2) | 469.4 (137.6) | 450.2 (132) | 431.6 (126.5) | 412.9 (121) | 394.4 (115.6) | 374.0 (109.6) | 357.2 (104.7) | |
| | 35 (1.7) | 443.9 (130.1) | 426.1 (124.9) | 408.5 (119.7) | 391.0 (114.6) | 374.0 (109.6) | 357.2 (104.7) | - | - | |
| KVD050H8-A Compressor Model 4DHNR22ME | 55 (12.8) | 701.6 (205.6) | 665.7 (195.1) | 630.6 (184.8) | 596.0 (174.7) | 562.4 (164.8) | 529.6 (155.2) | 501.3 (146.9) | 479.9 (140.6) | |
| | 50 (10) | 648.5 (190.1) | 615.9 (180.5) | 583.8 (171.1) | 552.5 (161.9) | 522.3 (153.1) | 492.9 (144.4) | 468.3 (137.2) | 444.6 (130.3) | |
| | 45 (7.2) | 596.0 (174.7) | 566.6 (166) | 537.8 (157.6) | 509.9 (149.4) | 482.8 (141.5) | 457.0 (133.9) | 444.6 (130.3) | 421.9 (123.6) | |
| | 40 (4.4) | 544.7 (159.6) | 518.7 (152) | 493.1 (144.5) | 468.3 (137.2) | 444.6 (130.3) | 421.9 (123.6) | 407.6 (119.5) | 387.9 (113.7) | |
| | 35 (1.7) | 495.2 (145.1) | 472.3 (138.4) | 449.8 (131.8) | 428.2 (125.5) | 407.6 (119.5) | 387.9 (113.7) | - | - | |
| KVD060H8-A Compressor Model 4DJNR28ME | 55 (12.8) | 826.6 (242.2) | 785.8 (230.3) | 745.3 (218.4) | 705.6 (206.8) | 666.5 (195.3) | 630.9 (184.4) | 597.5 (175.1) | 566.4 (166) | |
| | 50 (10) | 760.2 (222.8) | 722.8 (211.8) | 686.3 (201.1) | 650.4 (190.6) | 615.3 (180.3) | 580.9 (170.2) | 566.4 (166) | 536.1 (157.1) | |
| | 45 (7.2) | 695.7 (203.9) | 662.1 (194.1) | 629.4 (184.4) | 597.5 (175.1) | 566.4 (166) | 536.1 (157.1) | 520.2 (152.4) | 493.9 (144.8) | |
| | 40 (4.4) | 634.0 (185.8) | 604.2 (177.1) | 575.4 (168.6) | 547.3 (160.4) | 520.2 (152.4) | 493.9 (144.8) | 476.7 (139.7) | 454.2 (133.1) | |
| | 35 (1.7) | 575.4 (168.6) | 549.4 (161) | 524.4 (153.7) | 500.0 (146.5) | 476.7 (139.7) | 454.2 (133.1) | - | - | |
| KVD070H8-A Compressor Model 6DHNR35ME | 55 (12.8) | 1055.7 (309.4) | 1013.7 (297.1) | 971.5 (284.7) | 929.0 (272.3) | 886.4 (259.8) | 840.2 (235.1) | 797.5 (230.9) | 763.6 (223.8) | |
| | 50 (10) | 954.2 (279.7) | 916.7 (268.6) | 878.9 (257.6) | 840.6 (246.4) | 802.2 (235.1) | 763.6 (223.8) | 725.6 (212.6) | 690.9 (202.5) | |
| | 45 (7.2) | 860.8 (252.3) | 827.4 (242.5) | 793.6 (232.6) | 759.8 (222.7) | 725.6 (212.6) | 690.9 (202.5) | 666.3 (192.3) | 625.2 (183.2) | |
| | 40 (4.4) | 775.3 (227.2) | 745.9 (218.6) | 716.3 (209.9) | 686.3 (201.1) | 656.0 (192.3) | 625.2 (183.2) | 620.1 (181.7) | 593.5 (173.9) | |
| | 35 (1.7) | 697.8 (204.5) | 672.2 (197) | 646.4 (189.4) | 620.1 (181.7) | 593.5 (173.9) | 566.2 (165.9) | - | - | |
| KVD080H8-A Compressor Model 6DJNR40ME | 55 (12.8) | 1423.2 (417.1) | 1356.0 (397.4) | 1285.4 (376.7) | 1212.1 (355.2) | 1135.9 (332.9) | 1062.1 (308.7) | 1000.1 (294.6) | 932.2 (273.2) | |
| | 50 (10) | 1272.0 (372.8) | 1209.4 (354.4) | 1144.1 (335.3) | 1075.8 (315.3) | 1005.1 (294.6) | 932.2 (273.2) | 886.6 (259.8) | 820.1 (240.3) | |
| | 45 (7.2) | 1129.6 (331) | 1073.1 (314.5) | 1013.5 (297) | 951.1 (278.7) | 886.6 (259.8) | 820.1 (240.3) | 781.8 (229.1) | 722.0 (211.6) | |
| | 40 (4.4) | 1000.7 (293.3) | 949.8 (278.4) | 896.3 (262.7) | 840.0 (246.2) | 781.8 (229.1) | 722.0 (211.6) | 743.2 (217.8) | 691.3 (202.6) | |
| | 35 (1.7) | 886.2 (259.7) | 841.1 (246.5) | 793.2 (232.5) | 743.2 (217.8) | 691.3 (202.6) | 638.0 (187) | - | - | |

NOTES: - Above ratings are based on mean temperature. - To convert to dew point ratings, use 0.95 multiplier.

CAPACITY DATA - R407C
MEDIUM TEMPERATURE

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R407C AMBIENT TEMPERATURE °F (°C) | | | | | | | |
|--|-------------------------------|---------------|--|---------------|---------------|---------------|---------------|---------------|--|--|
| | °F | °C | 85 (29.4) | 90 (32.2) | 95 (35.0) | 100 (37.8) | 105 (40.6) | 110 (43.3) | | |
| KVD030M8-A Compressor Model 3DS3R17ME | 30 (-1.1) | | 317.5 (93.1) | 307.2 (90) | 297.2 (87.1) | 287.1 (84.1) | 277.0 (81.2) | 266.9 (78.2) | | |
| | 25 (-3.9) | | 287.3 (84.2) | 278.3 (81.5) | 269.2 (78.9) | 260.2 (76.3) | 251.2 (73.6) | 241.7 (70.8) | | |
| | 20 (-6.7) | | 258.9 (75.9) | 251.0 (73.5) | 243.0 (71.2) | 234.8 (68.8) | 226.4 (66.3) | 217.6 (63.8) | | |
| | 15 (-9.4) | | 232.5 (68.1) | 225.3 (66) | 218.0 (63.9) | 210.6 (61.7) | 202.7 (59.4) | 194.5 (57) | | |
| 10 (-12.2) | | 207.9 (60.9) | 201.4 (59) | 194.7 (57.1) | 187.7 (55) | 180.2 (52.8) | 172.0 (50.4) | | | |
| KVD040M8-A Compressor Model 4DANR18ME | 30 (-1.1) | | 360.4 (105.6) | 344.6 (101) | 329.2 (96.5) | 314.4 (92.1) | 300.0 (87.9) | 286.0 (83.8) | | |
| | 25 (-3.9) | | 321.6 (94.3) | 308.2 (90.3) | 295.4 (86.6) | 283.2 (83) | 271.4 (79.5) | 259.8 (76.1) | | |
| | 20 (-6.7) | | 286.6 (84) | 275.6 (80.8) | 265.0 (77.7) | 255.0 (74.7) | 245.2 (71.9) | 235.8 (69.1) | | |
| | 15 (-9.4) | | 255.2 (74.8) | 246.2 (72.2) | 237.4 (69.6) | 229.2 (67.2) | 221.2 (64.8) | 213.2 (62.5) | | |
| 10 (-12.2) | | 227.2 (66.6) | 219.6 (64.4) | 212.4 (62.2) | 205.2 (60.1) | 198.4 (58.1) | 191.8 (56.2) | | | |
| KVD044M8-A Compressor Model 4DBNR20ME | 30 (-1.1) | | 401.9 (117.8) | 385.8 (113.1) | 369.6 (108.3) | 353.6 (103.6) | 338.1 (99.1) | 322.8 (94.6) | | |
| | 25 (-3.9) | | 362.7 (106.3) | 347.8 (101.9) | 333.1 (97.6) | 318.6 (93.4) | 304.5 (89.2) | 290.9 (85.2) | | |
| | 20 (-6.7) | | 325.1 (95.3) | 311.6 (91.3) | 298.4 (87.5) | 285.6 (83.7) | 273.0 (80) | 260.8 (76.4) | | |
| | 15 (-9.4) | | 289.2 (84.7) | 277.0 (81.2) | 265.2 (77.7) | 253.9 (74.4) | 243.0 (71.2) | 232.3 (68.1) | | |
| 10 (-12.2) | | 254.1 (74.5) | 243.4 (71.3) | 233.1 (68.3) | 223.2 (65.4) | 213.8 (62.7) | 204.8 (60) | | | |
| KVD050M8-A Compressor Model 4DHNR22ME | 30 (-1.1) | | 447.9 (131.3) | 427.8 (125.4) | 408.5 (119.7) | 389.8 (114.2) | 371.7 (108.9) | 354.9 (104) | | |
| | 25 (-3.9) | | 403.0 (118.1) | 385.8 (113.1) | 369.0 (108.1) | 352.8 (103.4) | 337.5 (98.9) | 323.0 (94.7) | | |
| | 20 (-6.7) | | 360.8 (105.7) | 346.1 (101.4) | 331.8 (97.2) | 317.9 (93.2) | 304.7 (89.3) | 292.5 (85.7) | | |
| | 15 (-9.4) | | 321.7 (94.3) | 309.1 (90.6) | 296.7 (87) | 285.0 (83.5) | 273.6 (80.2) | 262.9 (77.1) | | |
| 10 (-12.2) | | 285.8 (83.8) | 274.9 (80.6) | 264.4 (77.5) | 253.9 (74.4) | 244.0 (71.5) | 234.6 (68.7) | | | |
| KVD060M8-A Compressor Model 4DJNR28ME | 30 (-1.1) | | 520.2 (152.4) | 497.9 (145.9) | 476.3 (139.6) | 455.7 (133.6) | 435.8 (127.7) | 416.6 (122.1) | | |
| | 25 (-3.9) | | 468.9 (137.4) | 449.8 (131.8) | 431.6 (126.5) | 413.9 (121.3) | 397.1 (116.4) | 381.2 (111.7) | | |
| | 20 (-6.7) | | 421.3 (123.5) | 405.3 (118.8) | 389.8 (114.2) | 375.1 (109.9) | 361.0 (105.8) | 347.6 (101.9) | | |
| | 15 (-9.4) | | 377.4 (110.6) | 363.7 (106.6) | 350.7 (102.8) | 338.3 (99.1) | 326.6 (95.7) | 315.2 (92.4) | | |
| 10 (-12.2) | | 336.8 (98.7) | 325.3 (95.3) | 314.4 (92.1) | 303.7 (89) | 293.6 (86) | 283.9 (83.2) | | | |
| KVD070M8-A Compressor Model 6DHNR35ME | 30 (-1.1) | | 628.1 (184.1) | 605.9 (177.6) | 583.4 (171) | 560.5 (164.3) | 537.0 (157.4) | 513.0 (150.4) | | |
| | 25 (-3.9) | | 565.3 (165.7) | 546.2 (160.1) | 526.7 (154.4) | 506.5 (148.4) | 485.9 (142.4) | 464.7 (136.2) | | |
| | 20 (-6.7) | | 508.8 (149.1) | 492.2 (144.3) | 475.0 (139.2) | 457.4 (134) | 439.1 (128.7) | 420.2 (123.2) | | |
| | 15 (-9.4) | | 457.6 (134.1) | 442.9 (129.8) | 428.0 (125.4) | 412.2 (120.8) | 395.9 (116) | 378.6 (111) | | |
| 10 (-12.2) | | 410.3 (120.3) | 397.3 (116.4) | 383.7 (112.4) | 369.4 (108.3) | 354.5 (103.9) | 338.5 (99.2) | | | |
| KVD080M8-A Compressor Model 6DJNR40ME | 30 (-1.1) | | 786.7 (230.5) | 746.6 (218.8) | 704.3 (206.4) | 660.0 (193.4) | 614.3 (180) | 567.6 (166.4) | | |
| | 25 (-3.9) | | 700.6 (205.3) | 665.3 (195) | 628.1 (184.1) | 589.5 (172.8) | 549.8 (161.1) | 509.7 (149.4) | | |
| | 20 (-6.7) | | 626.2 (183.5) | 595.1 (174.4) | 562.8 (164.9) | 529.6 (155.2) | 496.0 (145.4) | 462.6 (135.6) | | |
| | 15 (-9.4) | | 561.5 (164.6) | 534.5 (156.6) | 506.5 (148.4) | 478.4 (140.2) | 450.9 (132.1) | 424.2 (124.3) | | |
| 10 (-12.2) | | 503.6 (147.6) | 480.1 (140.7) | 456.5 (133.8) | 433.4 (127) | 411.8 (120.7) | 391.9 (114.8) | | | |
| KVD100M8-A Compressor Model 6DUNR49ME | 30 (-1.1) | | 904.7 (265.1) | 858.3 (251.5) | 810.8 (237.6) | 762.3 (223.4) | 713.6 (209.1) | 664.9 (194.9) | | |
| | 25 (-3.9) | | 807.5 (236.6) | 765.7 (224.4) | 723.0 (211.9) | 680.2 (199.3) | 637.4 (186.8) | 595.1 (174.4) | | |
| | 20 (-6.7) | | 718.2 (210.5) | 681.2 (199.7) | 643.7 (188.6) | 606.5 (177.7) | 569.7 (167) | 534.2 (156.6) | | |
| | 15 (-9.4) | | 637.6 (186.8) | 605.0 (177.3) | 572.9 (167.9) | 541.4 (158.7) | 511.1 (149.8) | 482.8 (141.5) | | |
| 10 (-12.2) | | 565.3 (165.7) | 537.4 (157.5) | 510.5 (149.6) | 485.1 (142.2) | 461.8 (135.3) | 441.2 (129.3) | | | |

NOTES: - Above ratings are based on mean temperature. - To convert to dew point ratings, use 0.95 multiplier.

CAPACITY DATA - R404A R507
HIGH TEMPERATURE

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R404A R507 AMBIENT TEMPERATURE °F (°C) | | | | | | | |
|--|-------------------------------|----|---|---------------|---------------|---------------|---------------|---------------|--|--|
| | °F | °C | 85 (29.4) | 90 (32.2) | 95 (35.0) | 100 (37.8) | 105 (40.6) | 110 (43.3) | | |
| KVD030H8-A Compressor Model 3DS3R17ME | 45 (7.2) | | 442.0 (129.5) | 422.8 (123.9) | 404.0 (118.4) | 385.2 (112.9) | 366.8 (107.5) | 348.6 (102.2) | | |
| | 40 (4.4) | | 407.8 (119.5) | 390.4 (114.4) | 373.0 (109.3) | 356.0 (104.3) | 339.0 (99.4) | 322.4 (94.5) | | |
| | 35 (1.7) | | 375.4 (110) | 359.4 (105.3) | 343.6 (100.7) | 328.0 (96.1) | 312.4 (91.6) | 297.2 (87.1) | | |
| KVD040H8-A Compressor Model 4DANR18ME | 45 (7.2) | | 487.8 (143) | 465.2 (136.3) | 442.8 (129.8) | 420.4 (123.2) | 398.2 (116.7) | 376.4 (110.3) | | |
| | 40 (4.4) | | 451.6 (132.4) | 430.6 (126.2) | 409.4 (120) | 388.4 (113.8) | 367.8 (107.8) | 347.4 (101.8) | | |
| | 35 (1.7) | | 416.4 (122) | 396.8 (116.3) | 377.0 (110.5) | 357.4 (104.7) | 338.2 (99.1) | 319.2 (93.5) | | |
| KVD044H8-A Compressor Model 4DBNR20ME | 45 (7.2) | | 542.6 (159) | 519.2 (152.2) | 496.2 (145.4) | 473.8 (138.9) | 451.8 (132.4) | 430.4 (126.1) | | |
| | 40 (4.4) | | 506.4 (148.4) | 484.4 (142) | 462.8 (135.6) | 442.0 (129.5) | 421.4 (123.5) | 401.4 (117.6) | | |
| | 35 (1.7) | | 469.8 (137.7) | 449.4 (131.7) | 429.4 (125.8) | 409.8 (120.1) | 390.8 (114.5) | 372.2 (109.1) | | |
| KVD050H8-A Compressor Model 4DHNR22ME | 45 (7.2) | | 572.6 (167.8) | 548.2 (160.7) | 524.4 (153.7) | 501.2 (146.9) | 478.4 (140.2) | 456.2 (133.7) | | |
| | 40 (4.4) | | 535.0 (156.8) | 512.0 (150.1) | 489.8 (143.5) | 468.0 (137.2) | 446.8 (130.9) | 426.0 (124.8) | | |
| | 35 (1.7) | | 497.0 (145.7) | 475.6 (139.4) | 454.8 (133.3) | 434.6 (127.4) | 414.8 (121.6) | 395.2 (115.8) | | |
| KVD060H8-A Compressor Model 4DJNR28ME | 45 (7.2) | | 697.8 (204.5) | 667.6 (195.7) | 637.6 (186.9) | 607.8 (178.1) | 577.8 (169.3) | 548.0 (160.6) | | |
| | 40 (4.4) | | 646.4 (189.4) | 618.4 (181.2) | 590.6 (173.1) | 562.8 (164.9) | 535.2 (156.9) | 507.4 (148.7) | | |
| | 35 (1.7) | | 596.8 (174.9) | 570.8 (167.3) | 545.0 (159.7) | 519.4 (152.2) | 493.8 (144.7) | 468.2 (137.2) | | |
| KVD070H8-A Compressor Model 6DHNR35ME | 45 (7.2) | | 896.2 (262.6) | 857.8 (251.4) | 819.2 (240.1) | 780.6 (228.8) | 741.8 (217.4) | 702.8 (206) | | |
| | 40 (4.4) | | 826.8 (242.3) | 791.4 (231.9) | 755.8 (221.5) | 720.4 (211.1) | 684.8 (200.7) | 649.0 (190.2) | | |
| | 35 (1.7) | | 760.4 (222.9) | 728.0 (213.4) | 695.4 (203.8) | 663.0 (194.3) | 630.2 (184.7) | 597.6 (175.1) | | |
| KVD080H8-A Compressor Model 6DJNR40ME | 45 (7.2) | | 1022.4 (299.6) | 980.6 (287.4) | 938.6 (275.1) | 896.4 (262.7) | 854.0 (250.3) | 810.8 (237.6) | | |
| | 40 (4.4) | | 949.2 (278.2) | 910.4 (266.8) | 871.6 (255.4) | 832.4 (244) | 793.0 (232.4) | 753.0 (220.7) | | |
| | 35 (1.7) | | 878.0 (257.3) | 842.2 (246.8) | 806.4 (236.3) | 770.4 (225.8) | 734.0 (215.1) | 697.2 (204.3) | | |

CAPACITY DATA - R404A R507
MEDIUM TEMPERATURE

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R404A R507 AMBIENT TEMPERATURE °F (°C) | | | | | | |
|---|-------------------------------|---------------|--|---------------|---------------|---------------|---------------|------------|--|
| | °F | °C | 85 (29.4) | 90 (32.2) | 95 (35.0) | 100 (37.8) | 105 (40.6) | 110 (43.3) | |
| KVD030M8-A Compressor Model 3DS3R17ME | 30 (-1.1) | 344.2 (100.9) | 329.8 (96.7) | 315.4 (92.4) | 301.2 (88.3) | 287.2 (84.2) | 273.4 (80.1) | | |
| | 25 (-3.9) | 314.8 (92.3) | 301.6 (88.4) | 288.6 (84.6) | 275.8 (80.8) | 263.2 (77.1) | 250.8 (73.5) | | |
| | 20 (-6.7) | 286.8 (84.1) | 275.0 (80.6) | 263.4 (77.2) | 251.8 (73.8) | 240.4 (70.5) | 229.2 (67.2) | | |
| | 15 (-9.4) | 260.6 (76.4) | 250.0 (73.3) | 239.4 (70.2) | 229.2 (67.2) | 219.0 (64.2) | 208.8 (61.2) | | |
| | 10 (-12.2) | 235.8 (69.1) | 226.4 (66.4) | 217.0 (63.6) | 207.8 (60.9) | 198.6 (58.2) | 189.6 (55.6) | | |
| | 5 (-15) | 212.6 (62.3) | 204.2 (59.8) | 196.0 (57.4) | 187.6 (55) | 179.6 (52.6) | 171.6 (50.3) | | |
| 0 (-17.8) | 191.2 (56) | 183.6 (53.8) | 176.2 (51.6) | 168.8 (49.5) | 161.6 (47.4) | 154.4 (45.3) | | | |
| KVD040M8-A Compressor Model 4DANR18ME | 30 (-1.1) | 382.2 (112) | 364.0 (106.7) | 345.6 (101.3) | 327.4 (96) | 309.4 (90.7) | 291.8 (85.5) | | |
| | 25 (-3.9) | 349.2 (102.3) | 332.2 (97.4) | 315.4 (92.4) | 298.4 (87.5) | 281.6 (82.5) | 265.4 (77.8) | | |
| | 20 (-6.7) | 317.4 (93) | 302.0 (88.5) | 286.2 (83.9) | 270.6 (79.3) | 255.2 (74.8) | 240.0 (70.3) | | |
| | 15 (-9.4) | 287.2 (84.2) | 273.0 (80) | 258.6 (75.8) | 244.0 (71.5) | 229.8 (67.3) | 216.0 (63.3) | | |
| | 10 (-12.2) | 258.6 (75.8) | 245.6 (72) | 232.2 (68.1) | 219.0 (64.2) | 206.0 (60.4) | 193.2 (56.6) | | |
| | 5 (-15) | 231.6 (67.9) | 219.8 (64.4) | 207.6 (60.8) | 195.6 (57.3) | 183.6 (53.8) | 172.0 (50.4) | | |
| 0 (-17.8) | 206.6 (60.5) | 195.8 (57.4) | 184.8 (54.2) | 173.6 (50.9) | 162.8 (47.7) | 152.4 (44.7) | | | |
| KVD044M8-A Compressor Model 4DBNR20ME | 30 (-1.1) | 433.4 (127) | 414.4 (121.4) | 396.0 (116.1) | 378.0 (110.8) | 360.2 (105.6) | 343.0 (100.5) | | |
| | 25 (-3.9) | 397.6 (116.5) | 380.0 (111.4) | 363.0 (106.4) | 346.4 (101.5) | 330.0 (96.7) | 314.2 (92.1) | | |
| | 20 (-6.7) | 362.6 (106.3) | 346.6 (101.6) | 330.8 (96.9) | 315.6 (92.5) | 300.6 (88.1) | 286.0 (83.8) | | |
| | 15 (-9.4) | 328.8 (96.4) | 314.2 (92.1) | 299.8 (87.9) | 286.0 (83.8) | 272.2 (79.8) | 258.8 (75.8) | | |
| | 10 (-12.2) | 296.6 (86.9) | 283.4 (83.1) | 270.4 (79.2) | 257.8 (75.6) | 245.4 (71.9) | 233.2 (68.3) | | |
| | 5 (-15) | 266.6 (78.1) | 254.6 (74.6) | 243.0 (71.2) | 231.4 (67.8) | 220.2 (64.5) | 209.2 (61.3) | | |
| 0 (-17.8) | 238.8 (70) | 228.2 (66.9) | 217.8 (63.8) | 207.6 (60.8) | 197.4 (57.9) | 187.6 (55) | | | |
| KVD050M8-A Compressor Model 4DHNR22ME | 30 (-1.1) | 459.2 (134.6) | 439.4 (128.8) | 420.0 (123.1) | 401.2 (117.6) | 382.6 (112.1) | 364.6 (106.9) | | |
| | 25 (-3.9) | 421.8 (123.6) | 403.4 (118.2) | 385.6 (113) | 368.0 (107.8) | 351.0 (102.9) | 334.2 (97.9) | | |
| | 20 (-6.7) | 385.0 (112.8) | 368.2 (107.9) | 351.8 (103.1) | 335.8 (98.4) | 320.0 (93.8) | 304.6 (89.3) | | |
| | 15 (-9.4) | 349.6 (102.5) | 334.2 (97.9) | 319.2 (93.5) | 304.6 (89.3) | 290.2 (85) | 276.0 (80.9) | | |
| | 10 (-12.2) | 315.6 (92.5) | 301.6 (88.4) | 288.2 (84.5) | 274.8 (80.5) | 261.8 (76.7) | 248.8 (72.9) | | |
| | 5 (-15) | 283.6 (83.1) | 271.2 (79.5) | 259.0 (75.9) | 247.2 (72.4) | 235.4 (69) | 223.8 (65.6) | | |
| 0 (-17.8) | 254.2 (74.5) | 243.2 (71.3) | 232.4 (68.1) | 221.8 (65) | 211.4 (62) | 201.0 (58.9) | | | |
| KVD060M8-A Compressor Model 4DJNR28ME | 30 (-1.1) | 548.8 (160.8) | 524.8 (153.8) | 501.2 (146.9) | 477.6 (140) | 454.2 (133.1) | 430.6 (126.2) | | |
| | 25 (-3.9) | 502.6 (147.3) | 480.6 (140.8) | 459.0 (134.5) | 437.4 (128.2) | 416.0 (121.9) | 394.6 (115.6) | | |
| | 20 (-6.7) | 458.4 (134.3) | 438.4 (128.5) | 418.6 (122.7) | 399.0 (116.9) | 379.6 (111.2) | 360.2 (105.6) | | |
| | 15 (-9.4) | 416.2 (122) | 398.0 (116.6) | 380.2 (111.4) | 362.6 (106.3) | 345.0 (101.1) | 327.4 (96) | | |
| | 10 (-12.2) | 376.0 (110.2) | 359.8 (105.4) | 343.6 (100.7) | 327.8 (96.1) | 312.0 (91.4) | 296.4 (86.9) | | |
| | 5 (-15) | 338.2 (99.1) | 323.6 (94.8) | 309.2 (90.6) | 295.2 (86.5) | 281.2 (82.4) | 267.2 (78.3) | | |
| 0 (-17.8) | 302.6 (88.7) | 289.6 (84.9) | 276.8 (81.1) | 264.4 (77.5) | 252.2 (73.9) | 239.8 (70.3) | | | |
| KVD070M8-A Compressor Model 6DHNR35ME | 30 (-1.1) | 697.2 (204.3) | 667.6 (195.7) | 638.0 (187) | 608.2 (178.2) | 578.4 (169.5) | 548.6 (160.8) | | |
| | 25 (-3.9) | 637.2 (186.7) | 610.2 (178.8) | 583.2 (170.9) | 556.4 (163.1) | 529.2 (155.1) | 502.2 (147.2) | | |
| | 20 (-6.7) | 580.4 (170.1) | 556.0 (162.9) | 531.6 (155.8) | 507.2 (148.6) | 482.6 (141.4) | 458.0 (134.2) | | |
| | 15 (-9.4) | 527.0 (154.4) | 505.0 (148) | 482.8 (141.5) | 460.6 (135) | 438.6 (128.5) | 416.4 (122) | | |
| | 10 (-12.2) | 477.0 (139.8) | 457.0 (133.9) | 437.0 (128.1) | 417.0 (122.2) | 397.0 (116.3) | 376.8 (110.4) | | |
| | 5 (-15) | 430.4 (126.1) | 412.2 (120.8) | 394.0 (115.5) | 375.8 (110.1) | 357.6 (104.8) | 339.6 (99.5) | | |
| 0 (-17.8) | 387.2 (113.5) | 370.4 (108.6) | 353.8 (103.7) | 337.2 (98.8) | 320.8 (94) | 304.4 (89.2) | | | |
| KVD080M8-A Compressor Model 6DJNR40ME | 30 (-1.1) | 809.4 (237.2) | 776.2 (227.5) | 743.2 (217.8) | 710.2 (208.1) | 676.8 (198.3) | 643.0 (188.4) | | |
| | 25 (-3.9) | 743.2 (217.8) | 712.8 (208.9) | 682.4 (200) | 652.2 (191.1) | 621.6 (182.2) | 590.6 (173.1) | | |
| | 20 (-6.7) | 679.8 (199.2) | 652.0 (191.1) | 624.2 (182.9) | 596.6 (174.8) | 568.8 (166.7) | 540.6 (158.4) | | |
| | 15 (-9.4) | 619.4 (181.5) | 593.8 (174) | 568.6 (166.6) | 543.4 (159.3) | 518.2 (151.9) | 492.8 (144.4) | | |
| | 10 (-12.2) | 562.2 (164.8) | 538.8 (157.9) | 515.8 (151.2) | 493.0 (144.5) | 470.2 (137.8) | 447.2 (131.1) | | |
| | 5 (-15) | 508.2 (148.9) | 487.0 (142.7) | 466.0 (136.6) | 445.4 (130.5) | 425.0 (124.6) | 404.2 (118.5) | | |
| 0 (-17.8) | 457.8 (134.2) | 438.4 (128.5) | 419.4 (122.9) | 401.0 (117.5) | 382.6 (112.1) | 364.0 (106.7) | | | |
| KVD100M8-A Compressor Model 6DUNR49ME | 30 (-1.1) | 943.0 (276.4) | 905.2 (265.3) | 867.0 (254.1) | 828.6 (242.8) | 790.0 (231.5) | 751.4 (220.2) | | |
| | 25 (-3.9) | 868.4 (254.5) | 833.4 (244.2) | 798.2 (233.9) | 762.8 (223.6) | 727.0 (213.1) | 691.2 (202.6) | | |
| | 20 (-6.7) | 795.4 (233.1) | 763.2 (223.7) | 730.8 (214.2) | 698.0 (204.6) | 665.0 (194.9) | 632.0 (185.2) | | |
| | 15 (-9.4) | 724.8 (212.4) | 695.2 (203.7) | 665.4 (195) | 635.4 (186.2) | 605.0 (177.3) | 574.6 (168.4) | | |
| | 10 (-12.2) | 657.6 (192.7) | 630.6 (184.8) | 603.4 (176.8) | 575.8 (168.7) | 548.0 (160.6) | 520.2 (152.5) | | |
| | 5 (-15) | 595.0 (174.4) | 570.4 (167.2) | 545.6 (159.9) | 520.4 (152.5) | 495.0 (145.1) | 469.6 (137.6) | | |
| 0 (-17.8) | 538.2 (157.7) | 515.8 (151.2) | 493.0 (144.5) | 470.0 (137.7) | 447.0 (131) | 424.0 (124.3) | | | |

CAPACITY DATA - R404A R507

LOW TEMPERATURE

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R404A R507 AMBIENT TEMPERATURE °F (°C) | | | | | | | | | | | |
|---|-------------------------------|--------------|--|---------------|---------------|---------------|--------------|--------------|------------|--|------------|--|------------|--|
| | ° F | ° C | 85 (29.4) | | 90 (32.2) | | 95 (35) | | 100 (37.8) | | 105 (40.6) | | 110 (43.3) | |
| | | | | | | | | | | | | | | |
| KVD020L6-A Compressor Model 3DS3F46KE | 0 (-17.8) | | 178.2 (52.2) | 171.2 (50.2) | 164.2 (48.1) | 157.2 (46.1) | 150.2 (44) | 143.4 (42) | | | | | | |
| | -5 (-20.6) | | 161.2 (47.2) | 154.8 (45.4) | 148.4 (43.5) | 142.2 (41.7) | 136.0 (39.9) | 129.8 (38) | | | | | | |
| | -10 (-23.3) | | 145.0 (42.5) | 139.4 (40.9) | 133.6 (39.2) | 128.0 (37.5) | 122.2 (35.8) | 116.6 (34.2) | | | | | | |
| | -15 (-26.1) | | 129.8 (38) | 124.6 (36.5) | 119.6 (35.1) | 114.4 (33.5) | 109.2 (32) | 104.2 (30.5) | | | | | | |
| | -20 (-28.9) | | 115.4 (33.8) | 110.8 (32.5) | 106.2 (31.1) | 101.6 (29.8) | 96.8 (28.4) | 92.2 (27) | | | | | | |
| | -25 (-31.7) | | 101.8 (29.8) | 97.8 (28.7) | 93.6 (27.4) | 89.4 (26.2) | 85.2 (25) | 81.0 (23.7) | | | | | | |
| | -30 (-34.4) | | 89.4 (26.2) | 85.8 (25.1) | 82.0 (24) | 78.2 (22.9) | 74.2 (21.7) | 70.4 (20.6) | | | | | | |
| | -35 (-37.2) | | 78.0 (22.9) | 74.6 (21.9) | 71.2 (20.9) | 67.6 (19.8) | 64.0 (18.8) | 60.4 (17.7) | | | | | | |
| -40 (-40) | | 67.4 (19.8) | 64.4 (18.9) | 61.2 (17.9) | 57.8 (16.9) | 54.4 (15.9) | 51.0 (14.9) | | | | | | | |
| KVD030L6-A Compressor Model 4DHNF63KE | 0 (-17.8) | | 234.8 (68.8) | 226.0 (66.2) | 217.2 (63.7) | 208.4 (61.1) | 199.4 (58.4) | 190.0 (55.7) | | | | | | |
| | -5 (-20.6) | | 212.6 (62.3) | 204.4 (59.9) | 196.4 (57.6) | 188.4 (55.2) | 180.2 (52.8) | 171.4 (50.2) | | | | | | |
| | -10 (-23.3) | | 192.0 (56.3) | 184.6 (54.1) | 177.4 (52) | 170.0 (49.8) | 162.6 (47.7) | 154.6 (45.3) | | | | | | |
| | -15 (-26.1) | | 172.8 (50.6) | 166.2 (48.7) | 159.6 (46.8) | 153.2 (44.9) | 146.2 (42.8) | 139.0 (40.7) | | | | | | |
| | -20 (-28.9) | | 155.0 (45.4) | 149.0 (43.7) | 143.2 (42) | 137.2 (40.2) | 131.0 (38.4) | 124.4 (36.5) | | | | | | |
| | -25 (-31.7) | | 138.2 (40.5) | 132.8 (38.9) | 127.6 (37.4) | 122.2 (35.8) | 116.6 (34.2) | 110.4 (32.4) | | | | | | |
| | -30 (-34.4) | | 122.2 (35.8) | 117.4 (34.4) | 112.6 (33) | 107.8 (31.6) | 102.6 (30.1) | 97.0 (28.4) | | | | | | |
| | -35 (-37.2) | | 106.4 (31.2) | 102.2 (30) | 98.0 (28.7) | 93.6 (27.4) | 88.8 (26) | 83.6 (24.5) | | | | | | |
| -40 (-40) | | 91.0 (26.7) | 87.0 (25.5) | 83.2 (24.4) | 79.2 (23.2) | 74.8 (21.9) | 70.0 (20.5) | | | | | | | |
| KVD044L6-A Compressor Model 4DT3F76KE | 0 (-17.8) | | 288.2 (84.5) | 275.4 (80.7) | 263.2 (77.1) | 251.6 (73.7) | 240.6 (70.5) | 230.2 (67.5) | | | | | | |
| | -5 (-20.6) | | 262.0 (76.8) | 250.4 (73.4) | 239.2 (70.1) | 228.6 (67) | 218.4 (64) | 208.6 (61.1) | | | | | | |
| | -10 (-23.3) | | 237.2 (69.5) | 226.6 (66.4) | 216.4 (63.4) | 206.6 (60.5) | 197.2 (57.8) | 188.2 (55.2) | | | | | | |
| | -15 (-26.1) | | 213.6 (62.6) | 204.0 (59.8) | 194.8 (57.1) | 185.8 (54.5) | 177.0 (51.9) | 168.4 (49.4) | | | | | | |
| | -20 (-28.9) | | 191.2 (56) | 182.6 (53.5) | 174.2 (51.1) | 165.8 (48.6) | 157.6 (46.2) | 149.6 (43.8) | | | | | | |
| | -25 (-31.7) | | 169.8 (49.8) | 162.0 (47.5) | 154.4 (45.3) | 146.6 (43) | 139.0 (40.7) | 131.4 (38.5) | | | | | | |
| | -30 (-34.4) | | 149.2 (43.7) | 142.4 (41.7) | 135.2 (39.6) | 128.2 (37.6) | 120.8 (35.4) | 113.4 (33.2) | | | | | | |
| | -35 (-37.2) | | 129.6 (38) | 123.4 (36.2) | 116.8 (34.2) | 110.2 (32.3) | 103.2 (30.2) | 96.0 (28.1) | | | | | | |
| -40 (-40) | | 110.6 (32.4) | 105.0 (30.8) | 98.8 (29) | 92.6 (27.1) | 85.8 (25.1) | 78.6 (23) | | | | | | | |
| KVD054L6-A Compressor Model 6DL3F93KE | 0 (-17.8) | | 366.0 (107.3) | 351.4 (103) | 337.0 (98.8) | 322.8 (94.6) | 308.6 (90.4) | 294.2 (86.2) | | | | | | |
| | -5 (-20.6) | | 331.8 (97.2) | 318.6 (93.4) | 305.6 (89.6) | 292.6 (85.8) | 279.6 (81.9) | 266.4 (78.1) | | | | | | |
| | -10 (-23.3) | | 298.6 (87.5) | 286.6 (84) | 275.0 (80.6) | 263.2 (77.1) | 251.4 (73.7) | 239.4 (70.2) | | | | | | |
| | -15 (-26.1) | | 266.8 (78.2) | 256.0 (75) | 245.4 (71.9) | 234.8 (68.8) | 224.0 (65.6) | 213.0 (62.4) | | | | | | |
| | -20 (-28.9) | | 236.6 (69.3) | 226.8 (66.5) | 217.2 (63.7) | 207.6 (60.8) | 197.8 (58) | 187.4 (54.9) | | | | | | |
| | -25 (-31.7) | | 208.0 (61) | 199.2 (58.4) | 190.6 (55.9) | 181.8 (53.3) | 172.8 (50.6) | 163.2 (47.8) | | | | | | |
| | -30 (-34.4) | | 181.6 (53.2) | 173.6 (50.9) | 165.8 (48.6) | 157.6 (46.2) | 149.2 (43.7) | 140.2 (41.1) | | | | | | |
| | -35 (-37.2) | | 157.4 (46.1) | 150.2 (44) | 142.8 (41.9) | 135.2 (39.6) | 127.4 (37.3) | 118.8 (34.8) | | | | | | |
| -40 (-40) | | 135.6 (39.7) | 128.8 (37.7) | 122.0 (35.8) | 114.8 (33.6) | 107.2 (31.4) | 99.0 (29) | | | | | | | |
| KVD060L6-A Compressor Model 6DT3F11ME | 0 (-17.8) | | 401.6 (117.7) | 384.0 (112.5) | 366.6 (107.4) | 349.4 (102.4) | 332.8 (97.5) | --- | | | | | | |
| | -5 (-20.6) | | 363.8 (106.6) | 347.8 (101.9) | 332.2 (97.4) | 316.6 (92.8) | 301.6 (88.4) | 286.8 (84.1) | | | | | | |
| | -10 (-23.3) | | 327.6 (96) | 313.4 (91.8) | 299.2 (87.7) | 285.2 (83.6) | 271.6 (79.6) | 258.2 (75.7) | | | | | | |
| | -15 (-26.1) | | 293.4 (86) | 280.6 (82.2) | 268.0 (78.5) | 255.4 (74.9) | 243.0 (71.2) | 230.8 (67.6) | | | | | | |
| | -20 (-28.9) | | 261.2 (76.5) | 249.8 (73.2) | 238.2 (69.8) | 226.8 (66.5) | 215.6 (63.2) | 204.6 (60) | | | | | | |
| | -25 (-31.7) | | 231.0 (67.7) | 220.6 (64.7) | 210.2 (61.6) | 199.8 (58.6) | 189.6 (55.6) | 179.4 (52.6) | | | | | | |
| | -30 (-34.4) | | 202.8 (59.4) | 193.4 (56.7) | 184.0 (53.9) | 174.4 (51.1) | 164.8 (48.3) | 155.4 (45.5) | | | | | | |
| | -35 (-37.2) | | 176.6 (51.8) | 168.0 (49.2) | 159.4 (46.7) | 150.4 (44.1) | 141.4 (41.4) | 132.4 (38.8) | | | | | | |
| -40 (-40) | | 152.6 (44.7) | 144.6 (42.4) | 136.4 (40) | 127.8 (37.5) | 119.2 (34.9) | 110.4 (32.4) | | | | | | | |
| KVD080L6-A Compressor Model 6DUNF13ME | 0 (-17.8) | | 492.8 (144.4) | 471.6 (138.2) | 451.0 (132.2) | 431.4 (126.4) | 413.0 (121) | --- | | | | | | |
| | -5 (-20.6) | | 445.8 (130.7) | 425.4 (124.7) | 405.8 (118.9) | 386.6 (113.3) | 368.6 (108) | 351.6 (103) | | | | | | |
| | -10 (-23.3) | | 403.6 (118.3) | 384.4 (112.7) | 365.6 (107.1) | 347.4 (101.8) | 329.8 (96.7) | 313.2 (91.8) | | | | | | |
| | -15 (-26.1) | | 365.4 (107.1) | 347.4 (101.8) | 329.6 (96.6) | 312.2 (91.5) | 295.6 (86.6) | 279.6 (81.9) | | | | | | |
| | -20 (-28.9) | | 329.6 (96.6) | 313.0 (91.7) | 296.4 (86.9) | 280.2 (82.1) | 264.4 (77.5) | 249.4 (73.1) | | | | | | |
| | -25 (-31.7) | | 295.4 (86.6) | 280.2 (82.1) | 265.2 (77.7) | 250.0 (73.3) | 235.4 (69) | 221.2 (64.8) | | | | | | |
| | -30 (-34.4) | | 261.6 (76.7) | 248.0 (72.7) | 234.2 (68.6) | 220.6 (64.7) | 207.0 (60.7) | 193.8 (56.8) | | | | | | |
| | -35 (-37.2) | | 226.8 (66.5) | 214.8 (63) | 202.8 (59.4) | 190.4 (55.8) | 178.2 (52.2) | 166.2 (48.7) | | | | | | |
| -40 (-40) | | 189.6 (55.6) | 179.8 (52.7) | 169.2 (49.6) | 158.6 (46.5) | 147.8 (43.3) | 137.0 (40.2) | | | | | | | |

--- Outside Operating Range

CAPACITY DATA - R404A R507
LOW TEMPERATURE MODELS
w/ 850RPM CONDENSER MOTOR(S)

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R404A R507 AMBIENT TEMPERATURE °F (°C) | | | | | | | | | | | |
|--|--|---|--|---|--|--|--|--|--|--|--|---|---|---|
| | ° F | ° C | 85 | (29.4) | 90 | (32.2) | 95 | (35) | 100 | (37.8) | 105 | (40.6) | 110 | (43.3) |
| | KVD020D6-A Compressor Model 3DS3F46KE | 0 -5 -10 -15 -20 -25 -30 -35 -40 | (-17.8) (-20.6) (-23.3) (-26.1) (-28.9) (-31.7) (-34.4) (-37.2) (-40) | 175.0 158.6 142.8 128.0 114.0 100.8 88.6 77.2 66.8 | (51.3) (46.5) (41.9) (37.5) (33.4) (29.5) (26) (22.6) (19.6) | 168.0 152.4 137.2 123.0 109.4 96.8 84.8 73.8 63.8 | (49.2) (44.7) (40.2) (36) (32.1) (28.4) (24.9) (21.6) (18.7) | 161.2 146.0 131.6 117.8 104.8 92.6 81.0 70.4 60.6 | (47.2) (42.8) (38.6) (34.5) (30.7) (27.1) (23.7) (20.6) (17.8) | 154.2 139.8 126.0 112.8 100.2 88.4 77.2 66.8 57.2 | (45.2) (41) (36.9) (33.1) (29.4) (25.9) (22.6) (19.6) (16.8) | 147.4 133.6 120.4 107.6 95.6 84.2 73.4 63.2 53.8 | (43.2) (39.2) (35.3) (31.5) (28) (24.7) (21.5) (18.5) (15.8) | 140.8 127.6 114.8 102.6 91.0 80.0 69.4 59.6 50.4 |
| KVD030D6-A Compressor Model 4DHNF63KE | 0 -5 -10 -15 -20 -25 -30 -35 -40 | (-17.8) (-20.6) (-23.3) (-26.1) (-28.9) (-31.7) (-34.4) (-37.2) (-40) | 229.2 208.0 188.4 169.8 152.4 135.8 119.8 104.4 89.2 | (67.2) (61) (55.2) (49.8) (44.7) (39.8) (35.1) (30.6) (26.1) | 219.4 199.0 179.8 162.0 145.0 129.0 113.6 98.6 83.8 | (64.3) (58.3) (52.7) (47.5) (42.5) (37.8) (33.3) (28.9) (24.6) | 210.0 190.2 171.8 154.4 138.0 122.6 107.6 93.0 78.6 | (61.5) (55.7) (50.3) (45.3) (40.4) (35.9) (31.5) (27.3) (23) | 201.2 182.0 164.0 147.2 131.4 116.4 102.0 87.6 73.6 | (59) (53.3) (48.1) (43.1) (38.5) (34.1) (29.9) (25.7) (21.6) | 192.6 174.0 156.8 140.6 125.2 110.6 96.6 82.8 69.0 | (56.4) (51) (46) (41.2) (36.7) (32.4) (28.3) (24.3) (20.2) | - - 150.0 134.2 119.6 105.4 91.6 78.2 64.6 | - - (44) (39.3) (35.1) (30.9) (26.8) (22.9) (18.9) |
| KVD044D6-A Compressor Model 4DJNF76KE | 0 -5 -10 -15 -20 -25 -30 -35 -40 | (-17.8) (-20.6) (-23.3) (-26.1) (-28.9) (-31.7) (-34.4) (-37.2) (-40) | 282.8 257.6 233.6 210.6 188.6 167.8 147.6 128.4 109.6 | (82.9) (75.5) (68.5) (61.7) (55.3) (49.2) (43.3) (37.6) (32.1) | 270.4 246.2 223.2 201.2 180.2 160.0 140.8 122.0 103.8 | (79.2) (72.2) (65.4) (59) (52.8) (46.9) (41.3) (35.8) (30.4) | 258.6 235.4 213.2 192.0 171.8 152.4 133.6 115.6 97.8 | (75.8) (69) (62.5) (56.3) (50.3) (44.7) (39.2) (33.9) (28.7) | 247.4 225.0 203.6 183.2 163.6 144.8 126.6 108.8 91.4 | (72.5) (65.9) (59.7) (53.7) (47.9) (42.4) (37.1) (31.9) (26.8) | 236.6 215.0 194.4 174.6 155.6 137.2 119.4 102.0 84.8 | (69.3) (63) (57) (51.2) (45.6) (40.2) (35) (29.9) (24.9) | 226.6 205.6 185.4 166.2 147.6 129.6 112.0 94.8 77.6 | (66.4) (60.3) (54.3) (48.7) (43.3) (38) (32.8) (27.8) (22.7) |
| KVD054D6-A Compressor Model 6DHNF93KE | 0 -5 -10 -15 -20 -25 -30 -35 -40 | (-17.8) (-20.6) (-23.3) (-26.1) (-28.9) (-31.7) (-34.4) (-37.2) (-40) | 359.8 326.8 294.6 263.6 233.8 205.8 179.8 155.8 134.2 | (105.4) (95.8) (86.3) (77.3) (68.5) (60.3) (52.7) (45.7) (39.3) | 345.0 313.2 282.2 252.2 223.6 196.4 171.0 147.8 126.6 | (101.1) (91.8) (82.7) (73.9) (65.5) (57.6) (50.1) (43.3) (37.1) | 330.2 299.8 270.0 241.0 213.4 187.0 162.4 139.8 119.2 | (96.8) (87.9) (79.1) (70.6) (62.5) (54.8) (47.6) (41) (34.9) | 316.0 286.6 258.0 230.2 203.4 177.8 153.8 131.6 111.4 | (92.6) (84) (75.6) (67.5) (59.6) (52.1) (45.1) (38.6) (32.6) | 301.8 273.8 246.2 219.2 193.2 168.6 145.2 123.4 103.6 | (88.4) (80.2) (72.2) (64.2) (56.6) (49.4) (42.6) (36.2) (30.4) | 287.8 261.0 234.4 208.4 183.2 159.2 136.4 115.0 95.6 | (84.3) (76.5) (68.7) (61.1) (53.7) (46.7) (40) (33.7) (28) |

ELECTRICAL DATA - SINGLE COMPRESSOR MODELS

| CONDENSING UNIT MODEL | COMPRESSOR MODEL NO. | POWER SUPPLY | COMPRESSOR | | CONDENSER FAN MOTOR | | | UNIT | | |
|--------------------------|-------------------------|-----------------|--------------|-------|------------------------|-------|------|------|-------|-----|
| | | | RLA | LRA | QTY | WATTS | FLA | MCA | MOP | |
| KVS015H8- | HT3B -A | 3DS3R17ME-TFC | 208-230/3/60 | 59.6 | 275 | 2 | 3700 | 13.2 | 87.7 | 125 |
| | HT4B -A | 3DS3R17ME-TFD | 460/3/60 | 29.0 | 138 | 2 | 3700 | 6.2 | 42.5 | 70 |
| | HT5B -A | 3DS3R17ME-TFE | 575/3/60 | 23.6 | 110 | 2 | 3700 | 5.0 | 34.5 | 50 |
| KVS020H8- | HT3B -A | 4DANR18ME-TSK | 208-230/3/60 | 72.1 | 308 | 2 | 3700 | 13.2 | 103.3 | 175 |
| | HT4B -A | 4DANR18ME-TSK | 460/3/60 | 36.1 | 154 | 2 | 3700 | 6.2 | 51.3 | 80 |
| | HT5B -A | 4DANR18ME-TSE | 575/3/60 | 30.7 | 135 | 2 | 3700 | 5.0 | 43.4 | 70 |
| KVS022H8- | HT3B -A | 4DBNR20ME-TSK | 208-230/3/60 | 85.7 | 374 | 2 | 3700 | 13.2 | 120.3 | 200 |
| | HT4B -A | 4DBNR20ME-TSK | 460/3/60 | 42.9 | 187 | 2 | 3700 | 6.2 | 59.8 | 100 |
| | HT5B -A | 4DBNR20ME-TSE | 575/3/60 | 33.6 | 135 | 2 | 3700 | 5.0 | 47.0 | 80 |
| KVS025H8- | HT3B -A | 4DHNR22ME-TSK | 208-230/3/60 | 107.1 | 428 | 2 | 3700 | 13.2 | 147.1 | 250 |
| | HT4B -A | 4DHNR22ME-TSK | 460/3/60 | 53.6 | 214 | 2 | 3700 | 6.2 | 73.2 | 125 |
| | HT5B -A | 4DHNR22ME-TSE | 575/3/60 | 38.8 | 172 | 2 | 3700 | 5.0 | 53.5 | 90 |
| KVS030H8- | HT3B -A | 4DJNR28ME-TSK | 208-230/3/60 | 114.3 | 470 | 2 | 3700 | 13.2 | 156.1 | 250 |
| | HT4B -A | 4DJNR28ME-TSK | 460/3/60 | 57.1 | 235 | 2 | 3700 | 6.2 | 77.6 | 125 |
| | HT5B -A | 4DJNR28ME-TSE | 575/3/60 | 49.3 | 200 | 2 | 3700 | 5.0 | 66.6 | 110 |
| KVS035H8- | HT3B -A | 6DHNR35ME-TSK | 208-230/3/60 | 141.4 | 565 | 3 | 5550 | 19.8 | 196.6 | 300 |
| | HT4B -A | 6DHNR35ME-TSK | 460/3/60 | 70.7 | 283 | 3 | 5550 | 9.3 | 97.7 | 150 |
| | HT5B -A | 6DHNR35ME-TSE | 575/3/60 | 53.6 | 230 | 3 | 5550 | 7.5 | 74.5 | 125 |
| KVS040H8- | HD3B -A | 6DJNR40ME-TSN* | 230/3/60 | 158.6 | 594 | 3 | 5550 | 19.8 | 218.1 | 350 |
| | HT4B -A | 6DJNR40ME-TSN | 460/3/60 | 79.3 | 297 | 3 | 5550 | 9.3 | 108.4 | 175 |
| | HT5B -A | 6DJNR40ME-TSE | 575/3/60 | 65.0 | 245 | 3 | 5550 | 7.5 | 88.8 | 150 |
| KVS015M8- | HT3B -A | 3DS3R17ME-TFC | 208-230/3/60 | 59.6 | 275 | 2 | 3700 | 13.2 | 87.7 | 125 |
| | HT4B -A | 3DS3R17ME-TFD | 460/3/60 | 29.0 | 138 | 2 | 3700 | 6.2 | 42.5 | 70 |
| | HT5B -A | 3DS3R17ME-TFE | 575/3/60 | 23.6 | 110 | 2 | 3700 | 5.0 | 34.5 | 50 |
| KVS020M8- | HT3B -A | 4DANR18ME-TSK | 208-230/3/60 | 66.6 | 308 | 2 | 3700 | 13.2 | 96.5 | 150 |
| | HT4B -A | 4DANR18ME-TSK | 460/3/60 | 33.3 | 154 | 2 | 3700 | 6.2 | 47.8 | 80 |
| | HT5B -A | 4DANR18ME-TSE | 575/3/60 | 24.7 | 135 | 2 | 3700 | 5.0 | 35.9 | 60 |
| KVS022M8- | HT3B -A | 4DBNR20ME-TSK | 208-230/3/60 | 72.1 | 374 | 2 | 3700 | 13.2 | 103.3 | 175 |
| | HT4B -A | 4DBNR20ME-TSK | 460/3/60 | 36.1 | 187 | 2 | 3700 | 6.2 | 51.3 | 80 |
| | HT5B -A | 4DBNR20ME-TSE | 575/3/60 | 31.4 | 135 | 2 | 3700 | 5.0 | 44.3 | 70 |
| KVS025M8- | HT3B -A | 4DHNR22ME-TSK | 208-230/3/60 | 82.1 | 428 | 2 | 3700 | 13.2 | 115.8 | 175 |
| | HT4B -A | 4DHNR22ME-TSK | 460/3/60 | 41.1 | 214 | 2 | 3700 | 6.2 | 57.6 | 90 |
| | HT5B -A | 4DHNR22ME-TSE | 575/3/60 | 34.4 | 172 | 2 | 3700 | 5.0 | 48.0 | 80 |
| KVS030M8- | HT3B -A | 4DJNR28ME-TSK | 208-230/3/60 | 105.4 | 470 | 2 | 3700 | 13.2 | 145.0 | 250 |
| | HT4B -A | 4DJNR28ME-TSK | 460/3/60 | 52.7 | 235 | 2 | 3700 | 6.2 | 72.1 | 110 |
| | HT5B -A | 4DJNR28ME-TSE | 575/3/60 | 44.1 | 200 | 2 | 3700 | 5.0 | 60.1 | 100 |
| KVS035M8- | HT3B -A | 6DHNR35ME-TSK | 208-230/3/60 | 125.1 | 565 | 3 | 5550 | 19.8 | 176.2 | 300 |
| | HT4B -A | 6DHNR35ME-TSK | 460/3/60 | 62.6 | 283 | 3 | 5550 | 9.3 | 87.6 | 150 |
| | HT5B -A | 6DHNR35ME-TSE | 575/3/60 | 43.1 | 230 | 3 | 5550 | 7.5 | 61.4 | 100 |
| KVS040M8- | HD3B -A | 6DJNR40ME-TSN* | 230/3/60 | 142.9 | 594 | 3 | 5550 | 19.8 | 198.4 | 300 |
| | HT4B -A | 6DJNR40ME-TSN | 460/3/60 | 71.4 | 297 | 3 | 5550 | 9.3 | 98.6 | 150 |
| | HT5B -A | 6DJNR40ME-TSE | 575/3/60 | 52.1 | 245 | 3 | 5550 | 7.5 | 72.6 | 110 |
| KVS050M8- | HT4B -A | 6DUNR49ME-AWD | 460/3/60 | 83.6 | 482 | 3 | 5550 | 9.3 | 113.8 | 175 |
| | HT5B -A | 6DUNR49ME-TSE | 575/3/60 | 62.6 | 336 | 3 | 5550 | 7.5 | 85.8 | 125 |
| | HT3B -A | 3DS3F46KE-TFC | 208-230/3/60 | 41.4 | 215 | 1 | 1850 | 6.6 | 58.4 | 90 |
| KVS010L 6/8 - | HT4B -A | 3DS3F46KE-TFD | 460/3/60 | 18.6 | 106 | 1 | 1850 | 3.1 | 26.4 | 40 |
| | HT5B -A | 3DS3F46KE-TFE | 575/3/60 | 16.2 | 84 | 1 | 1850 | 2.5 | 22.8 | 35 |
| | HT3B -A | 4DHNF63KE-TSK | 208-230/3/60 | 52.6 | 278 | 1 | 1850 | 6.6 | 72.4 | 110 |
| KVS015L 6/8 - | HT4B -A | 4DHNF63KE-TSK | 460/3/60 | 26.3 | 139 | 1 | 1850 | 3.1 | 36.0 | 60 |
| | HT5B -A | 4DHNF63KE-TSE | 575/3/60 | 20.9 | 113 | 1 | 1850 | 2.5 | 28.6 | 45 |
| | HT3B -A | 4DJNF76KE-TSK | 208-230/3/60 | 64.3 | 374 | 2 | 3700 | 13.2 | 93.6 | 150 |
| KVS022L 6/8 - | HT4B -A | 4DJNF76KE-TSK | 460/3/60 | 32.1 | 187 | 2 | 3700 | 6.2 | 46.3 | 70 |
| | HT5B -A | 4DJNF76KE-TSE | 575/3/60 | 29.1 | 135 | 2 | 3700 | 5.0 | 41.4 | 70 |
| | HT3B -A | 6DHNF93KE-TSK | 208-230/3/60 | 80.7 | 450 | 2 | 3700 | 13.2 | 114.1 | 175 |
| KVS027L 6/8 - | HT4B -A | 6DHNF93KE-TSK | 460/3/60 | 40.4 | 225 | 2 | 3700 | 6.2 | 56.7 | 90 |
| | HT5B -A | 6DHNF93KE-TSE | 575/3/60 | 32.5 | 172 | 2 | 3700 | 5.0 | 45.6 | 70 |
| | HT3B -A | 6DJNF11ME-TSK | 208-230/3/60 | 95.6 | 470 | 2 | 3700 | 13.2 | 132.7 | 225 |
| KVS030L 6/8 - | HT4B -A | 6DJNF11ME-TSK | 460/3/60 | 47.8 | 235 | 2 | 3700 | 6.2 | 66.0 | 110 |
| | HT5B -A | 6DJNF11ME-TSE | 575/3/60 | 39.6 | 200 | 2 | 3700 | 5.0 | 54.5 | 90 |
| | HT4B -A | 6DUNF13ME-AWD | 460/3/60 | 63.9 | 367 | 2 | 3700 | 6.2 | 86.1 | 125 |
| KVS040L 6/8 - | HT5B -A | 6DUNF13ME-TSE | 575/3/60 | 53.5 | 336 | 2 | 3700 | 5.0 | 71.9 | 125 |
| | HT3B -A | 3DS3F46KE-TFC | 208-230/3/60 | 41.4 | 215 | 1 | 900 | 4.9 | 56.7 | 90 |
| | HT4B -A | 3DS3F46KE-TFD | 460/3/60 | 18.6 | 106 | 1 | 900 | 2.2 | 25.5 | 40 |
| KVS010D 6/8 - | HT5B -A | 3DS3F46KE-TFE | 575/3/60 | 16.2 | 84 | 1 | 900 | 2.1 | 22.4 | 35 |
| | HT3B -A | 4DHNF63KE-TSK | 208-230/3/60 | 52.6 | 278 | 1 | 900 | 4.9 | 70.7 | 110 |
| | HT4B -A | 4DHNF63KE-TSK | 460/3/60 | 26.3 | 139 | 1 | 900 | 2.2 | 35.1 | 60 |
| KVS015D 6/8 - | HT5B -A | 4DHNF63KE-TSE | 575/3/60 | 20.9 | 113 | 1 | 900 | 2.1 | 28.2 | 45 |
| | HT3B -A | 4DJNF76KE-TSK | 208-230/3/60 | 64.3 | 374 | 2 | 1800 | 9.8 | 90.2 | 150 |
| | HT4B -A | 4DJNF76KE-TSK | 460/3/60 | 32.1 | 187 | 2 | 1800 | 4.4 | 44.5 | 70 |
| KVS022D 6/8 - | HT5B -A | 4DJNF76KE-TSE | 575/3/60 | 29.1 | 135 | 2 | 1800 | 4.2 | 40.6 | 60 |
| | HT3B -A | 6DHNF93KE-TSK | 208-230/3/60 | 80.7 | 450 | 2 | 1800 | 9.8 | 110.7 | 175 |
| | HT4B -A | 6DHNF93KE-TSK | 460/3/60 | 40.4 | 225 | 2 | 1800 | 4.4 | 54.9 | 90 |
| KVS027D 6/8 - | HT5B -A | 6DHNF93KE-TSE | 575/3/60 | 33.8 | 172 | 2 | 1800 | 4.2 | 46.5 | 80 |

* 6DJ only available in 230V

ELECTRICAL DATA - DUAL COMPRESSOR MODELS

| CONDENSING UNIT MODEL | COMPRESSOR MODEL NO. | POWER SUPPLY | COMPRESSOR | | CONDENSER FAN MOTOR | | | UNIT | | |
|-----------------------|----------------------|----------------|--------------|-------|---------------------|-------|-------|------|-------|-----|
| | | | RLA | LRA | QTY | WATTS | FLA | MCA | MOP | |
| KVD030H8- | HT3B -A | 3DS3R17ME-TFC | 208-230/3/60 | 59.6 | 275 | 4 | 7400 | 26.4 | 160.5 | 200 |
| | HT4B -A | 3DS3R17ME-TFD | 460/3/60 | 29.0 | 138 | 4 | 7400 | 12.4 | 77.7 | 100 |
| | HT5B -A | 3DS3R17ME-TFE | 575/3/60 | 23.6 | 110 | 4 | 7400 | 10.0 | 63.1 | 80 |
| KVD040H8- | HT3B -A | 4DANR18ME-TSK | 208-230/3/60 | 72.1 | 308 | 4 | 7400 | 26.4 | 188.6 | 250 |
| | HT4B -A | 4DANR18ME-TSK | 460/3/60 | 36.1 | 154 | 4 | 7400 | 12.4 | 93.6 | 125 |
| | HT5B -A | 4DANR18ME-TSE | 575/3/60 | 30.7 | 135 | 4 | 7400 | 10.0 | 79.1 | 100 |
| KVD044H8- | HT3B -A | 4DBNR20ME-TSK | 208-230/3/60 | 85.7 | 374 | 4 | 7400 | 26.4 | 219.2 | 300 |
| | HT4B -A | 4DBNR20ME-TSK | 460/3/60 | 42.9 | 187 | 4 | 7400 | 12.4 | 108.9 | 150 |
| | HT5B -A | 4DBNR20ME-TSE | 575/3/60 | 33.6 | 135 | 4 | 7400 | 10.0 | 85.6 | 110 |
| KVD050H8- | HT3B -A | 4DHNR22ME-TSK | 208-230/3/60 | 107.1 | 428 | 4 | 7400 | 26.4 | 267.4 | 350 |
| | HT4B -A | 4DHNR22ME-TSK | 460/3/60 | 53.6 | 214 | 4 | 7400 | 12.4 | 133.0 | 175 |
| | HT5B -A | 4DHNR22ME-TSE | 575/3/60 | 38.8 | 172 | 4 | 7400 | 10.0 | 97.3 | 125 |
| KVD060H8- | HT3B -A | 4DJNR28ME-TSK | 208-230/3/60 | 114.3 | 470 | 4 | 7400 | 26.4 | 283.6 | 350 |
| | HT4B -A | 4DJNR28ME-TSK | 460/3/60 | 57.1 | 235 | 4 | 7400 | 12.4 | 140.9 | 175 |
| | HT5B -A | 4DJNR28ME-TSE | 575/3/60 | 49.3 | 200 | 4 | 7400 | 10.0 | 120.9 | 150 |
| KVD070H8- | HT3B -A | 6DHNR35ME-TSK | 208-230/3/60 | 141.4 | 565 | 6 | 11100 | 39.6 | 357.8 | 450 |
| | HT4B -A | 6DHNR35ME-TSK | 460/3/60 | 70.7 | 283 | 6 | 11100 | 18.6 | 177.7 | 225 |
| | HT5B -A | 6DHNR35ME-TSE | 575/3/60 | 53.6 | 230 | 6 | 11100 | 15.0 | 135.6 | 175 |
| KVD080H8- | HD3B -A | 6DJNR40ME-TSN* | 230/3/60 | 158.6 | 594 | 6 | 11100 | 39.6 | 396.5 | 500 |
| | HT4B -A | 6DJNR40ME-TSN | 460/3/60 | 79.3 | 297 | 6 | 11100 | 18.6 | 197.0 | 250 |
| | HT5B -A | 6DJNR40ME-TSE | 575/3/60 | 65.0 | 245 | 6 | 11100 | 15.0 | 161.3 | 225 |
| KVD030M8- | HT3B -A | 3DS3R17ME-TFC | 208-230/3/60 | 59.6 | 275 | 4 | 7400 | 26.4 | 160.5 | 200 |
| | HT4B -A | 3DS3R17ME-TFD | 460/3/60 | 29.0 | 138 | 4 | 7400 | 12.4 | 77.7 | 100 |
| | HT5B -A | 3DS3R17ME-TFE | 575/3/60 | 23.6 | 110 | 4 | 7400 | 10.0 | 63.1 | 80 |
| KVD040M8- | HT3B -A | 4DANR18ME-TSK | 208-230/3/60 | 66.6 | 308 | 4 | 7400 | 26.4 | 176.3 | 225 |
| | HT4B -A | 4DANR18ME-TSK | 460/3/60 | 33.3 | 154 | 4 | 7400 | 12.4 | 87.3 | 110 |
| | HT5B -A | 4DANR18ME-TSE | 575/3/60 | 24.7 | 135 | 4 | 7400 | 10.0 | 65.6 | 90 |
| KVD044M8- | HT3B -A | 4DBNR20ME-TSK | 208-230/3/60 | 72.1 | 374 | 4 | 7400 | 26.4 | 188.6 | 250 |
| | HT4B -A | 4DBNR20ME-TSK | 460/3/60 | 36.1 | 187 | 4 | 7400 | 12.4 | 93.6 | 125 |
| | HT5B -A | 4DBNR20ME-TSE | 575/3/60 | 31.4 | 135 | 4 | 7400 | 10.0 | 80.7 | 110 |
| KVD050M8- | HT3B -A | 4DHNR22ME-TSK | 208-230/3/60 | 82.1 | 428 | 4 | 7400 | 26.4 | 211.1 | 250 |
| | HT4B -A | 4DHNR22ME-TSK | 460/3/60 | 41.1 | 214 | 4 | 7400 | 12.4 | 104.9 | 125 |
| | HT5B -A | 4DHNR22ME-TSE | 575/3/60 | 34.4 | 172 | 4 | 7400 | 10.0 | 87.4 | 110 |
| KVD060M8- | HT3B -A | 4DJNR28ME-TSK | 208-230/3/60 | 105.4 | 470 | 4 | 7400 | 26.4 | 263.6 | 350 |
| | HT4B -A | 4DJNR28ME-TSK | 460/3/60 | 52.7 | 235 | 4 | 7400 | 12.4 | 131.0 | 175 |
| | HT5B -A | 4DJNR28ME-TSE | 575/3/60 | 44.1 | 200 | 4 | 7400 | 10.0 | 109.2 | 150 |
| KVD070M8- | HT3B -A | 6DHNR35ME-TSK | 208-230/3/60 | 125.1 | 565 | 6 | 11100 | 39.6 | 321.1 | 400 |
| | HT4B -A | 6DHNR35ME-TSK | 460/3/60 | 62.6 | 283 | 6 | 11100 | 18.6 | 159.5 | 200 |
| | HT5B -A | 6DHNR35ME-TSE | 575/3/60 | 43.1 | 230 | 6 | 11100 | 15.0 | 112.0 | 150 |
| KVD080M8- | HD3B -A | 6DJNR40ME-TSN* | 230/3/60 | 142.9 | 594 | 6 | 11100 | 39.6 | 361.1 | 500 |
| | HT4B -A | 6DJNR40ME-TSN | 460/3/60 | 71.4 | 297 | 6 | 11100 | 18.6 | 179.3 | 250 |
| | HT5B -A | 6DJNR40ME-TSE | 575/3/60 | 52.1 | 245 | 6 | 11100 | 15.0 | 132.2 | 175 |
| KVD100M8- | HT4B -A | 6DUNR49ME-AWD | 460/3/60 | 83.6 | 482 | 6 | 11100 | 18.6 | 206.7 | 250 |
| | HT5B -A | 6DUNR49ME-TSE | 575/3/60 | 62.6 | 336 | 6 | 11100 | 15.0 | 155.9 | 200 |
| | | | | | | | | | | |
| KVD020L 6/8 - | HT3B -A | 3DS3F46KE-TFC | 208-230/3/60 | 41.4 | 215 | 2 | 3700 | 13.2 | 106.4 | 125 |
| | HT4B -A | 3DS3F46KE-TFD | 460/3/60 | 18.6 | 106 | 2 | 3700 | 6.2 | 48.1 | 60 |
| | HT5B -A | 3DS3F46KE-TFE | 575/3/60 | 16.2 | 84 | 2 | 3700 | 5.0 | 41.5 | 50 |
| KVD030L 6/8 - | HT3B -A | 4DHNF63KE-TSK | 208-230/3/60 | 52.6 | 278 | 2 | 3700 | 13.2 | 131.6 | 175 |
| | HT4B -A | 4DHNF63KE-TSK | 460/3/60 | 26.3 | 139 | 2 | 3700 | 6.2 | 65.4 | 90 |
| | HT5B -A | 4DHNF63KE-TSE | 575/3/60 | 20.9 | 113 | 2 | 3700 | 5.0 | 52.0 | 70 |
| KVD044L 6/8 - | HT3B -A | 4DJNF76KE-TSK | 208-230/3/60 | 64.3 | 374 | 4 | 7400 | 26.4 | 171.1 | 225 |
| | HT4B -A | 4DJNF76KE-TSK | 460/3/60 | 32.1 | 187 | 4 | 7400 | 12.4 | 84.6 | 110 |
| | HT5B -A | 4DJNF76KE-TSE | 575/3/60 | 29.1 | 135 | 4 | 7400 | 10.0 | 75.5 | 100 |
| KVD054L 6/8 - | HT3B -A | 6DHNF93KE-TSK | 208-230/3/60 | 80.7 | 450 | 4 | 7400 | 26.4 | 208.0 | 250 |
| | HT4B -A | 6DHNF93KE-TSK | 460/3/60 | 40.4 | 225 | 4 | 7400 | 12.4 | 103.3 | 125 |
| | HT5B -A | 6DHNF93KE-TSE | 575/3/60 | 32.5 | 172 | 4 | 7400 | 10.0 | 83.1 | 110 |
| KVD060L 6/8 - | HT3B -A | 6DJNF11ME-TSK | 208-230/3/60 | 95.6 | 470 | 4 | 7400 | 26.4 | 241.5 | 300 |
| | HT4B -A | 6DJNF11ME-TSK | 460/3/60 | 47.8 | 235 | 4 | 7400 | 12.4 | 120.0 | 150 |
| | HT5B -A | 6DJNF11ME-TSE | 575/3/60 | 39.6 | 200 | 4 | 7400 | 10.0 | 99.1 | 125 |
| KVD080L 6/8 - | HT4B -A | 6DUNF13ME-AWD | 460/3/60 | 63.9 | 367 | 4 | 7400 | 12.4 | 156.2 | 200 |
| | HT5B -A | 6DUNF13ME-TSE | 575/3/60 | 53.5 | 336 | 4 | 7400 | 10.0 | 130.4 | 175 |
| | | | | | | | | | | |
| KVS020D 6/8 - | HT3B -A | 3DS3F46KE-TFC | 208-230/3/60 | 41.4 | 215 | 2 | 1800 | 9.8 | 103.0 | 125 |
| | HT4B -A | 3DS3F46KE-TFD | 460/3/60 | 18.6 | 106 | 2 | 1800 | 4.4 | 46.3 | 60 |
| | HT5B -A | 3DS3F46KE-TFE | 575/3/60 | 16.2 | 84 | 2 | 1800 | 4.2 | 40.7 | 50 |
| KVS030D 6/8 - | HT3B -A | 4DHNF63KE-TSK | 208-230/3/60 | 52.6 | 278 | 2 | 1800 | 9.8 | 128.2 | 175 |
| | HT4B -A | 4DHNF63KE-TSK | 460/3/60 | 26.3 | 139 | 2 | 1800 | 4.4 | 63.6 | 80 |
| | HT5B -A | 4DHNF63KE-TSE | 575/3/60 | 20.9 | 113 | 2 | 1800 | 4.2 | 51.2 | 70 |
| KVS044D 6/8 - | HT3B -A | 4DJNF76KE-TSK | 208-230/3/60 | 64.3 | 374 | 4 | 3600 | 19.6 | 164.3 | 225 |
| | HT4B -A | 4DJNF76KE-TSK | 460/3/60 | 32.1 | 187 | 4 | 3600 | 8.8 | 81.0 | 110 |
| | HT5B -A | 4DJNF76KE-TSE | 575/3/60 | 29.1 | 135 | 4 | 3600 | 8.4 | 73.9 | 100 |
| KVS054D 6/8 - | HT3B -A | 6DHNF93KE-TSK | 208-230/3/60 | 80.7 | 450 | 4 | 3600 | 19.6 | 201.2 | 250 |
| | HT4B -A | 6DHNF93KE-TSK | 460/3/60 | 40.4 | 225 | 4 | 3600 | 8.8 | 99.7 | 125 |
| | HT5B -A | 6DHNF93KE-TSE | 575/3/60 | 33.8 | 172 | 4 | 3600 | 8.4 | 84.5 | 110 |

* 6DJ only available in 230V

ELECTRICAL DATA -
SINGLE COMPRESSOR MODELS
with EC Motors only or LIMITROL 

| CONDENSING UNIT MODEL | COMPRESSOR MODEL NO. | POWER SUPPLY | COMPRESSOR | | CONDENSER FAN MOTOR ** | | | UNIT | | |
|-----------------------|----------------------|----------------|--------------|-------|------------------------|-------|------|------|-------|-----|
| | | | RLA | LRA | QTY | WATTS | FLA | MCA | MOP | |
| KVS015H8- | HT3B -A | 3DS3R17ME-TFC | 208-230/3/60 | 59.6 | 275 | 2 | 3500 | 12.4 | 86.9 | 125 |
| | HT4B -A | 3DS3R17ME-TFD | 460/3/60 | 29.0 | 138 | 2 | 3500 | 4.6 | 40.9 | 60 |
| | HT5B -A | 3DS3R17ME-TFE | 575/3/60 | 23.6 | 110 | 2 | 3500 | 5.0 | 34.5 | 50 |
| KVS020H8- | HT3B -A | 4DANR18ME-TSK | 208-230/3/60 | 72.1 | 308 | 2 | 3500 | 12.4 | 102.5 | 150 |
| | HT4B -A | 4DANR18ME-TSK | 460/3/60 | 36.1 | 154 | 2 | 3500 | 6.2 | 51.3 | 80 |
| | HT5B -A | 4DANR18ME-TSE | 575/3/60 | 30.7 | 135 | 2 | 3500 | 5.0 | 43.4 | 70 |
| KVS022H8- | HT3B -A | 4DBNR20ME-TSK | 208-230/3/60 | 85.7 | 374 | 2 | 3500 | 12.4 | 119.5 | 200 |
| | HT4B -A | 4DBNR20ME-TSK | 460/3/60 | 42.9 | 187 | 2 | 3500 | 4.6 | 58.2 | 100 |
| | HT5B -A | 4DBNR20ME-TSE | 575/3/60 | 33.6 | 135 | 2 | 3500 | 5.0 | 47.0 | 80 |
| KVS025H8- | HT3B -A | 4DHNR22ME-TSK | 208-230/3/60 | 107.1 | 428 | 2 | 3500 | 12.4 | 146.3 | 250 |
| | HT4B -A | 4DHNR22ME-TSK | 460/3/60 | 53.6 | 214 | 2 | 3500 | 4.6 | 71.6 | 125 |
| | HT5B -A | 4DHNR22ME-TSE | 575/3/60 | 38.8 | 172 | 2 | 3500 | 5.0 | 53.5 | 90 |
| KVS030H8- | HT3B -A | 4DJNR28ME-TSK | 208-230/3/60 | 114.3 | 470 | 2 | 3500 | 12.4 | 155.3 | 250 |
| | HT4B -A | 4DJNR28ME-TSK | 460/3/60 | 57.1 | 235 | 2 | 3500 | 4.6 | 76.0 | 125 |
| | HT5B -A | 4DJNR28ME-TSE | 575/3/60 | 49.3 | 200 | 2 | 3500 | 5.0 | 66.6 | 110 |
| KVS035H8- | HT3B -A | 6DHNR35ME-TSK | 208-230/3/60 | 141.4 | 565 | 3 | 5250 | 18.6 | 195.4 | 300 |
| | HT4B -A | 6DHNR35ME-TSK | 460/3/60 | 70.7 | 283 | 3 | 5250 | 6.9 | 95.3 | 150 |
| | HT5B -A | 6DHNR35ME-TSE | 575/3/60 | 53.6 | 230 | 3 | 5250 | 7.5 | 74.5 | 125 |
| KVS040H8- | HD3B -A | 6DJNR40ME-TSN* | 230/3/60 | 158.6 | 594 | 3 | 5250 | 18.6 | 216.9 | 350 |
| | HT4B -A | 6DJNR40ME-TSN | 460/3/60 | 79.3 | 297 | 3 | 5250 | 6.9 | 106.0 | 175 |
| | HT5B -A | 6DJNR40ME-TSE | 575/3/60 | 65.0 | 245 | 3 | 5250 | 7.5 | 88.8 | 150 |
| KVS015M8- | HT3B -A | 3DS3R17ME-TFC | 208-230/3/60 | 59.6 | 275 | 2 | 3500 | 12.4 | 86.9 | 125 |
| | HT4B -A | 3DS3R17ME-TFD | 460/3/60 | 29.0 | 138 | 2 | 3500 | 4.6 | 42.5 | 70 |
| | HT5B -A | 3DS3R17ME-TFE | 575/3/60 | 23.6 | 110 | 2 | 3500 | 5.0 | 34.5 | 50 |
| KVS020M8- | HT3B -A | 4DANR18ME-TSK | 208-230/3/60 | 66.6 | 308 | 2 | 3500 | 12.4 | 95.7 | 150 |
| | HT4B -A | 4DANR18ME-TSK | 460/3/60 | 33.3 | 154 | 2 | 3500 | 6.2 | 47.8 | 80 |
| | HT5B -A | 4DANR18ME-TSE | 575/3/60 | 24.7 | 135 | 2 | 3500 | 5.0 | 35.9 | 60 |
| KVS022M8- | HT3B -A | 4DBNR20ME-TSK | 208-230/3/60 | 72.1 | 374 | 2 | 3500 | 12.4 | 102.5 | 150 |
| | HT4B -A | 4DBNR20ME-TSK | 460/3/60 | 36.1 | 187 | 2 | 3500 | 6.2 | 51.3 | 80 |
| | HT5B -A | 4DBNR20ME-TSE | 575/3/60 | 31.4 | 135 | 2 | 3500 | 5.0 | 44.3 | 70 |
| KVS025M8- | HT3B -A | 4DHNR22ME-TSK | 208-230/3/60 | 82.1 | 428 | 2 | 3500 | 12.4 | 115.0 | 175 |
| | HT4B -A | 4DHNR22ME-TSK | 460/3/60 | 41.1 | 214 | 2 | 3500 | 6.2 | 57.6 | 90 |
| | HT5B -A | 4DHNR22ME-TSE | 575/3/60 | 34.4 | 172 | 2 | 3500 | 5.0 | 48.0 | 80 |
| KVS030M8- | HT3B -A | 4DJNR28ME-TSK | 208-230/3/60 | 105.4 | 470 | 2 | 3500 | 12.4 | 144.2 | 225 |
| | HT4B -A | 4DJNR28ME-TSK | 460/3/60 | 52.7 | 235 | 2 | 3500 | 6.2 | 72.1 | 110 |
| | HT5B -A | 4DJNR28ME-TSE | 575/3/60 | 44.1 | 200 | 2 | 3500 | 5.0 | 60.1 | 100 |
| KVS035M8- | HT3B -A | 6DHNR35ME-TSK | 208-230/3/60 | 125.1 | 565 | 3 | 5250 | 18.6 | 175.0 | 300 |
| | HT4B -A | 6DHNR35ME-TSK | 460/3/60 | 62.6 | 283 | 3 | 5250 | 9.3 | 87.6 | 150 |
| | HT5B -A | 6DHNR35ME-TSE | 575/3/60 | 43.1 | 230 | 3 | 5250 | 7.5 | 61.4 | 100 |
| KVS040M8- | HD3B -A | 6DJNR40ME-TSN* | 230/3/60 | 142.9 | 594 | 3 | 5250 | 18.6 | 197.2 | 300 |
| | HT4B -A | 6DJNR40ME-TSN | 460/3/60 | 71.4 | 297 | 3 | 5250 | 9.3 | 98.6 | 150 |
| | HT5B -A | 6DJNR40ME-TSE | 575/3/60 | 52.1 | 245 | 3 | 5250 | 7.5 | 72.6 | 110 |
| KVS050M8- | HT4B -A | 6DUNR49ME-AWD | 460/3/60 | 83.6 | 482 | 3 | 5250 | 9.3 | 113.8 | 175 |
| | HT5B -A | 6DUNR49ME-TSE | 575/3/60 | 62.6 | 336 | 3 | 5250 | 7.5 | 85.8 | 125 |
| KVS010L 6/8 - | HT3B -A | 3DS3F46KE-TFC | 208-230/3/60 | 41.4 | 215 | 1 | 1750 | 6.6 | 58.4 | 90 |
| | HT4B -A | 3DS3F46KE-TFD | 460/3/60 | 18.6 | 106 | 1 | 1750 | 3.1 | 26.4 | 40 |
| | HT5B -A | 3DS3F46KE-TFE | 575/3/60 | 16.2 | 84 | 1 | 1750 | 2.5 | 22.8 | 35 |
| KVS015L 6/8 - | HT3B -A | 4DHNF63KE-TSK | 208-230/3/60 | 52.6 | 278 | 1 | 1750 | 6.6 | 72.4 | 110 |
| | HT4B -A | 4DHNF63KE-TSK | 460/3/60 | 26.3 | 139 | 1 | 1750 | 3.1 | 36.0 | 60 |
| | HT5B -A | 4DHNF63KE-TSE | 575/3/60 | 20.9 | 113 | 1 | 1750 | 2.5 | 28.6 | 45 |
| KVS022L 6/8 - | HT3B -A | 4DJNF76KE-TSK | 208-230/3/60 | 64.3 | 374 | 2 | 3500 | 12.4 | 92.8 | 150 |
| | HT4B -A | 4DJNF76KE-TSK | 460/3/60 | 32.1 | 187 | 2 | 3500 | 4.6 | 44.7 | 70 |
| | HT5B -A | 4DJNF76KE-TSE | 575/3/60 | 29.1 | 135 | 2 | 3500 | 5.0 | 41.4 | 70 |
| KVS027L 6/8 - | HT3B -A | 6DHNF93KE-TSK | 208-230/3/60 | 80.7 | 450 | 2 | 3500 | 12.4 | 113.3 | 175 |
| | HT4B -A | 6DHNF93KE-TSK | 460/3/60 | 40.4 | 225 | 2 | 3500 | 4.6 | 55.1 | 90 |
| | HT5B -A | 6DHNF93KE-TSE | 575/3/60 | 32.5 | 172 | 2 | 3500 | 5.0 | 45.6 | 70 |
| KVS030L 6/8 - | HT3B -A | 6DJNF11ME-TSK | 208-230/3/60 | 95.6 | 470 | 2 | 3500 | 12.4 | 131.9 | 225 |
| | HT4B -A | 6DJNF11ME-TSK | 460/3/60 | 47.8 | 235 | 2 | 3500 | 4.6 | 64.4 | 110 |
| | HT5B -A | 6DJNF11ME-TSE | 575/3/60 | 39.6 | 200 | 2 | 3500 | 5.0 | 54.5 | 90 |
| KVS040L 6/8 - | HT4B -A | 6DUNF13ME-AWD | 460/3/60 | 63.9 | 367 | 2 | 3500 | 6.2 | 86.1 | 125 |
| | HT5B -A | 6DUNR49ME-TSE | 575/3/60 | 62.6 | 336 | 3 | 5250 | 7.5 | 85.8 | 125 |

* 6DJ only available in 230V

** = 575V units use a 230V motor with a transformer

**ELECTRICAL DATA -
DUAL COMPRESSOR MODELS
with EC Motors only or LIMITROL **

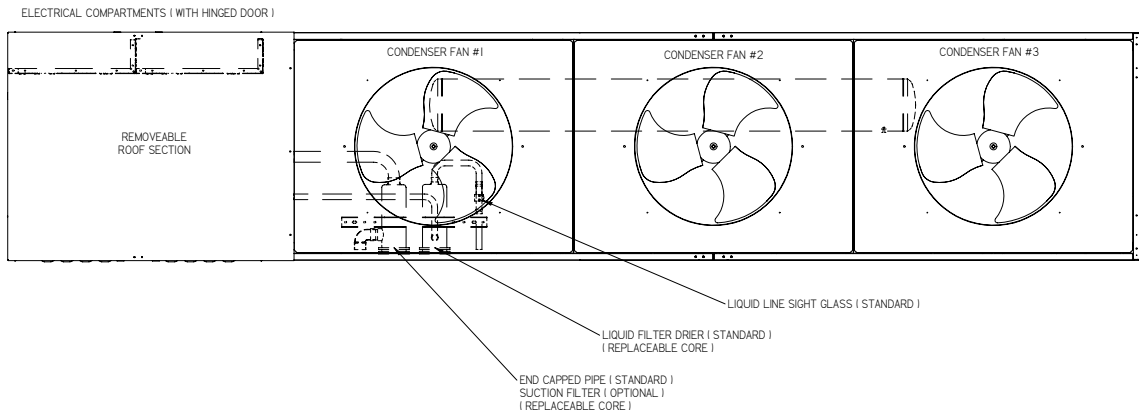
| CONDENSING UNIT MODEL | COMPRESSOR MODEL NO. | POWER SUPPLY | COMPRESSOR | | CONDENSER FAN MOTOR ** | | | UNIT | | |
|-----------------------|----------------------|----------------|--------------|-------|------------------------|-------|-------|------|-------|-----|
| | | | RLA | LRA | QTY | WATTS | FLA | MCA | MOP | |
| KVD030H8- | HT3B -A | 3DS3R17ME-TFC | 208-230/3/60 | 59.6 | 275 | 4 | 7000 | 24.8 | 158.9 | 200 |
| | HT4B -A | 3DS3R17ME-TFD | 460/3/60 | 29.0 | 138 | 4 | 7000 | 9.2 | 74.5 | 100 |
| | HT5B -A | 3DS3R17ME-TFE | 575/3/60 | 23.6 | 110 | 4 | 7000 | 10.0 | 63.1 | 80 |
| KVD040H8- | HT3B -A | 4DANR18ME-TSK | 208-230/3/60 | 72.1 | 308 | 4 | 7000 | 24.8 | 187.0 | 250 |
| | HT4B -A | 4DANR18ME-TSK | 460/3/60 | 36.1 | 154 | 4 | 7000 | 12.4 | 93.6 | 125 |
| | HT5B -A | 4DANR18ME-TSE | 575/3/60 | 30.7 | 135 | 4 | 7000 | 10.0 | 79.1 | 100 |
| KVD044H8- | HT3B -A | 4DBNR20ME-TSK | 208-230/3/60 | 85.7 | 374 | 4 | 7000 | 24.8 | 217.6 | 300 |
| | HT4B -A | 4DBNR20ME-TSK | 460/3/60 | 42.9 | 187 | 4 | 7000 | 9.2 | 105.7 | 125 |
| | HT5B -A | 4DBNR20ME-TSE | 575/3/60 | 33.6 | 135 | 4 | 7000 | 10.0 | 85.6 | 110 |
| KVD050H8- | HT3B -A | 4DHNR22ME-TSK | 208-230/3/60 | 107.1 | 428 | 4 | 7000 | 24.8 | 265.8 | 350 |
| | HT4B -A | 4DHNR22ME-TSK | 460/3/60 | 53.6 | 214 | 4 | 7000 | 9.2 | 129.8 | 175 |
| | HT5B -A | 4DHNR22ME-TSE | 575/3/60 | 38.8 | 172 | 4 | 7000 | 10.0 | 97.3 | 125 |
| KVD060H8- | HT3B -A | 4DJNR28ME-TSK | 208-230/3/60 | 114.3 | 470 | 4 | 7000 | 24.8 | 282.0 | 350 |
| | HT4B -A | 4DJNR28ME-TSK | 460/3/60 | 57.1 | 235 | 4 | 7000 | 9.2 | 137.7 | 175 |
| | HT5B -A | 4DJNR28ME-TSE | 575/3/60 | 49.3 | 200 | 4 | 7000 | 10.0 | 120.9 | 150 |
| KVD070H8- | HT3B -A | 6DHNR35ME-TSK | 208-230/3/60 | 141.4 | 565 | 6 | 10500 | 37.2 | 355.4 | 450 |
| | HT4B -A | 6DHNR35ME-TSK | 460/3/60 | 70.7 | 283 | 6 | 10500 | 13.8 | 172.9 | 225 |
| | HT5B -A | 6DHNR35ME-TSE | 575/3/60 | 53.6 | 230 | 6 | 10500 | 15.0 | 135.6 | 175 |
| KVD080H8- | HD3B -A | 6DJNR40ME-TSN* | 230/3/60 | 158.6 | 594 | 6 | 10500 | 37.2 | 394.1 | 500 |
| | HT4B -A | 6DJNR40ME-TSN | 460/3/60 | 79.3 | 297 | 6 | 10500 | 13.8 | 192.2 | 250 |
| | HT5B -A | 6DJNR40ME-TSE | 575/3/60 | 65.0 | 245 | 6 | 10500 | 15.0 | 161.3 | 225 |
| KVD030M8- | HT3B -A | 3DS3R17ME-TFC | 208-230/3/60 | 59.6 | 275 | 4 | 7000 | 24.8 | 158.9 | 200 |
| | HT4B -A | 3DS3R17ME-TFD | 460/3/60 | 29.0 | 138 | 4 | 7000 | 12.4 | 77.7 | 100 |
| | HT5B -A | 3DS3R17ME-TFE | 575/3/60 | 23.6 | 110 | 4 | 7000 | 10.0 | 63.1 | 80 |
| KVD040M8- | HT3B -A | 4DANR18ME-TSK | 208-230/3/60 | 66.6 | 308 | 4 | 7000 | 24.8 | 174.7 | 225 |
| | HT4B -A | 4DANR18ME-TSK | 460/3/60 | 33.3 | 154 | 4 | 7000 | 12.4 | 87.3 | 110 |
| | HT5B -A | 4DANR18ME-TSE | 575/3/60 | 24.7 | 135 | 4 | 7000 | 10.0 | 65.6 | 90 |
| KVD044M8- | HT3B -A | 4DBNR20ME-TSK | 208-230/3/60 | 72.1 | 374 | 4 | 7000 | 24.8 | 187.0 | 250 |
| | HT4B -A | 4DBNR20ME-TSK | 460/3/60 | 36.1 | 187 | 4 | 7000 | 12.4 | 93.6 | 125 |
| | HT5B -A | 4DBNR20ME-TSE | 575/3/60 | 31.4 | 135 | 4 | 7000 | 10.0 | 80.7 | 110 |
| KVD050M8- | HT3B -A | 4DHNR22ME-TSK | 208-230/3/60 | 82.1 | 428 | 4 | 7000 | 24.8 | 209.5 | 250 |
| | HT4B -A | 4DHNR22ME-TSK | 460/3/60 | 41.1 | 214 | 4 | 7000 | 12.4 | 104.9 | 125 |
| | HT5B -A | 4DHNR22ME-TSE | 575/3/60 | 34.4 | 172 | 4 | 7000 | 10.0 | 87.4 | 110 |
| KVD060M8- | HT3B -A | 4DJNR28ME-TSK | 208-230/3/60 | 105.4 | 470 | 4 | 7000 | 24.8 | 262.0 | 350 |
| | HT4B -A | 4DJNR28ME-TSK | 460/3/60 | 52.7 | 235 | 4 | 7000 | 12.4 | 131.0 | 175 |
| | HT5B -A | 4DJNR28ME-TSE | 575/3/60 | 44.1 | 200 | 4 | 7000 | 10.0 | 109.2 | 150 |
| KVD070M8- | HT3B -A | 6DHNR35ME-TSK | 208-230/3/60 | 125.1 | 565 | 6 | 10500 | 37.2 | 318.7 | 400 |
| | HT4B -A | 6DHNR35ME-TSK | 460/3/60 | 62.6 | 283 | 6 | 10500 | 18.6 | 159.5 | 200 |
| | HT5B -A | 6DHNR35ME-TSE | 575/3/60 | 43.1 | 230 | 6 | 10500 | 15.0 | 112.0 | 150 |
| KVD080M8- | HD3B -A | 6DJNR40ME-TSN* | 230/3/60 | 142.9 | 594 | 6 | 10500 | 37.2 | 358.7 | 500 |
| | HT4B -A | 6DJNR40ME-TSN | 460/3/60 | 71.4 | 297 | 6 | 10500 | 18.6 | 179.3 | 250 |
| | HT5B -A | 6DJNR40ME-TSE | 575/3/60 | 52.1 | 245 | 6 | 10500 | 15.0 | 132.2 | 175 |
| KVD100M8- | HT4B -A | 6DUNR49ME-AWD | 460/3/60 | 83.6 | 482 | 6 | 10500 | 18.6 | 206.7 | 250 |
| | HT5B -A | 6DUNR49ME-TSE | 575/3/60 | 62.6 | 336 | 6 | 10500 | 15.0 | 155.9 | 200 |
| KVD020L 6/8 - | HT3B -A | 3DS3F46KE-TFC | 208-230/3/60 | 41.4 | 215 | 2 | 3500 | 12.4 | 105.6 | 125 |
| | HT4B -A | 3DS3F46KE-TFD | 460/3/60 | 18.6 | 106 | 2 | 3500 | 4.6 | 46.5 | 60 |
| | HT5B -A | 3DS3F46KE-TFE | 575/3/60 | 16.2 | 84 | 2 | 3500 | 5.0 | 41.5 | 50 |
| KVD030L 6/8 - | HT3B -A | 4DHNF63KE-TSK | 208-230/3/60 | 52.6 | 278 | 2 | 3500 | 12.4 | 130.8 | 175 |
| | HT4B -A | 4DHNF63KE-TSK | 460/3/60 | 26.3 | 139 | 2 | 3500 | 4.6 | 63.8 | 90 |
| | HT5B -A | 4DHNF63KE-TSE | 575/3/60 | 20.9 | 113 | 2 | 3500 | 5.0 | 52.0 | 70 |
| KVD044L 6/8 - | HT3B -A | 4DJNF76KE-TSK | 208-230/3/60 | 64.3 | 374 | 4 | 7000 | 24.8 | 169.5 | 225 |
| | HT4B -A | 4DJNF76KE-TSK | 460/3/60 | 32.1 | 187 | 4 | 7000 | 9.2 | 81.4 | 110 |
| | HT5B -A | 4DJNF76KE-TSE | 575/3/60 | 29.1 | 135 | 4 | 7000 | 10.0 | 75.5 | 100 |
| KVD054L 6/8 - | HT3B -A | 6DHNF93KE-TSK | 208-230/3/60 | 80.7 | 450 | 4 | 7000 | 24.8 | 206.4 | 250 |
| | HT4B -A | 6DHNF93KE-TSK | 460/3/60 | 40.4 | 225 | 4 | 7000 | 9.2 | 100.1 | 125 |
| | HT5B -A | 6DHNF93KE-TSE | 575/3/60 | 32.5 | 172 | 4 | 7000 | 10.0 | 83.1 | 110 |
| KVD060L 6/8 - | HT3B -A | 6DJNF11ME-TSK | 208-230/3/60 | 95.6 | 470 | 4 | 7000 | 24.8 | 239.9 | 300 |
| | HT4B -A | 6DJNF11ME-TSK | 460/3/60 | 47.8 | 235 | 4 | 7000 | 9.2 | 116.8 | 150 |
| | HT5B -A | 6DJNF11ME-TSE | 575/3/60 | 39.6 | 200 | 4 | 7000 | 10.0 | 99.1 | 125 |
| KVD080L 6/8 - | HT4B -A | 6DUNF13ME-AWD | 460/3/60 | 63.9 | 367 | 4 | 7000 | 9.2 | 153.0 | 200 |
| | HT5B -A | 6DUNF13ME-TSE | 575/3/60 | 53.5 | 336 | 4 | 7000 | 10.0 | 130.4 | 175 |

* 6DJ only available in 230V

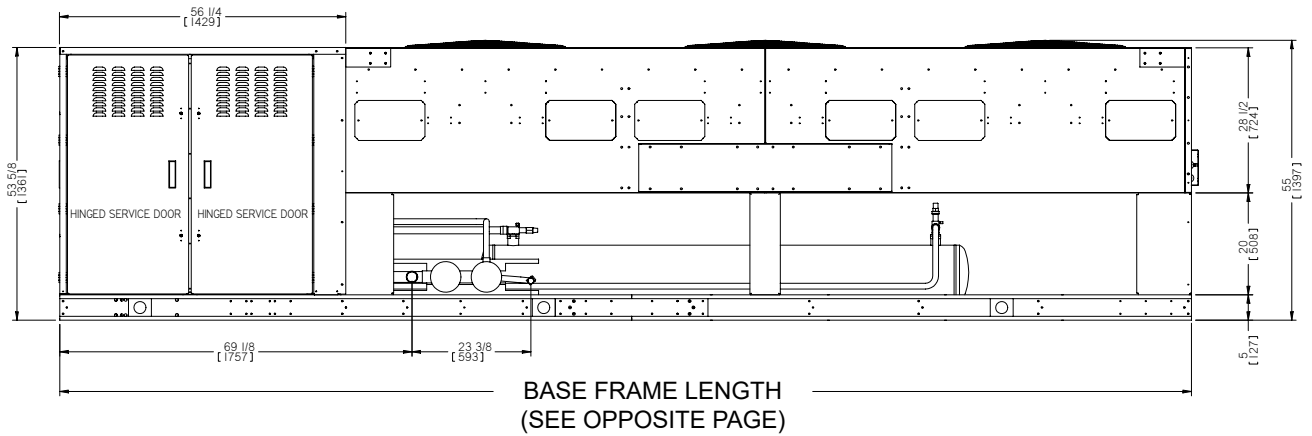
** = 575V units use a 230V motor with a transformer

DIMENSIONAL DATA - SINGLE COMPRESSOR MODELS

TOP VIEW

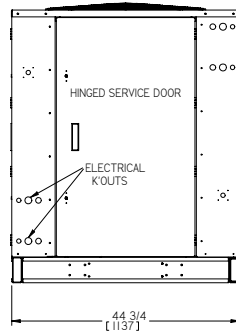


SIDE VIEW



**DIMENSIONAL DATA -
SINGLE COMPRESSOR MODELS**

COMPRESSOR-END VIEW

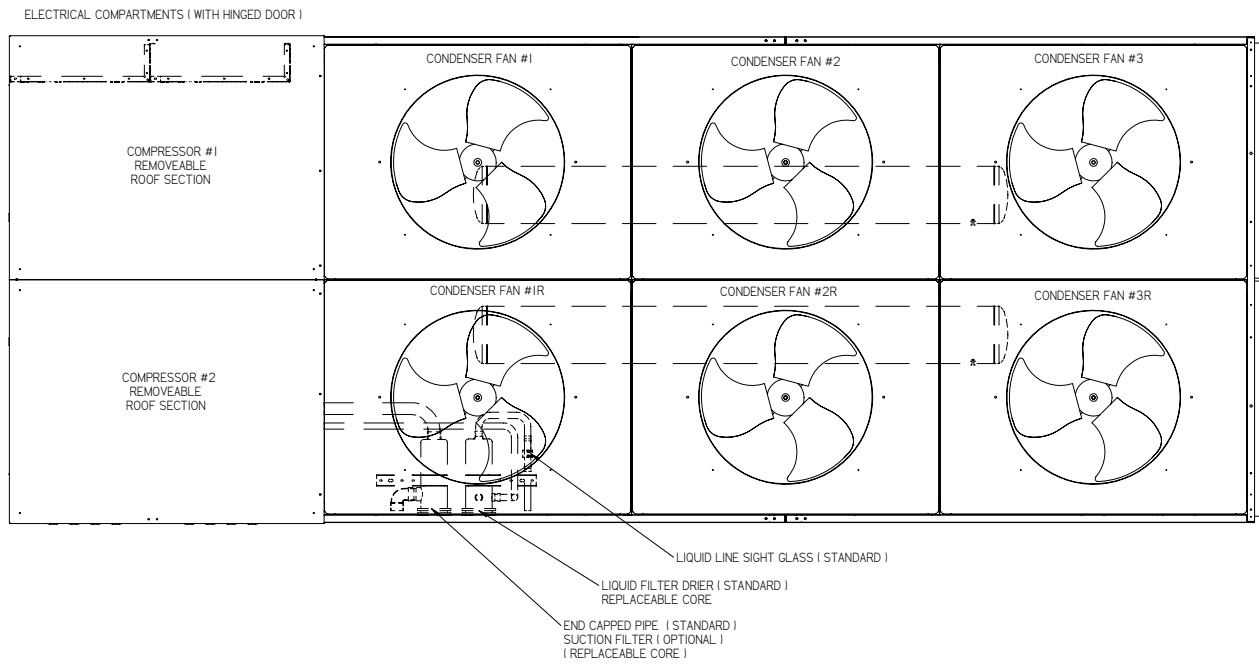


**KVS-A
COPELAND**

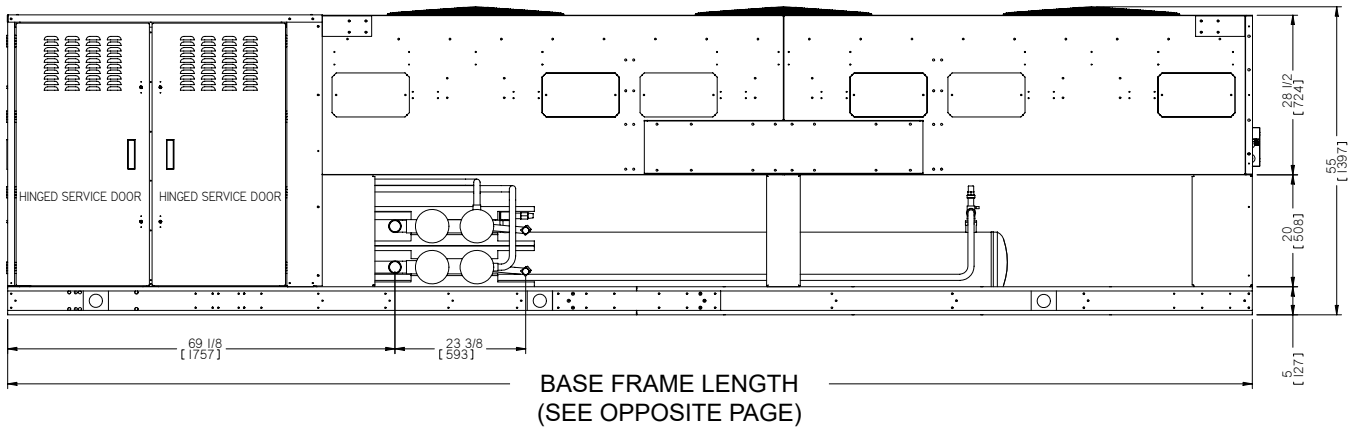
| CONDENSING UNIT MODEL | BASE FRAME LENGTH | |
|-----------------------|-------------------|------|
| | inches | mm |
| KVS015H8-H**B-A | 167 3/8 | 4251 |
| KVS020H8-H**B-A | 167 3/8 | 4251 |
| KVS022H8-H**B-A | 167 3/8 | 4251 |
| KVS025H8-H**B-A | 167 3/8 | 4251 |
| KVS030H8-H**B-A | 167 3/8 | 4251 |
| KVS035H8-H**B-A | 222 3/8 | 5648 |
| KVS040H8-H**B-A | 222 3/8 | 5648 |
| KVS015M8-H**B-A | 167 3/8 | 4251 |
| KVS020M8-H**B-A | 167 3/8 | 4251 |
| KVS022M8-H**B-A | 167 3/8 | 4251 |
| KVS025M8-H**B-A | 167 3/8 | 4251 |
| KVS030M8-H**B-A | 167 3/8 | 4251 |
| KVS035M8-H**B-A | 222 3/8 | 5648 |
| KVS040M8-H**B-A | 222 3/8 | 5648 |
| KVS050M8-H**B-A | 222 3/8 | 5648 |
| KVS010L 6/8 -H**B-A | 112 3/8 | 2854 |
| KVS015L 6/8 -H**B-A | 112 3/8 | 2854 |
| KVS022L 6/8 -H**B-A | 167 3/8 | 4251 |
| KVS027L 6/8 -H**B-A | 167 3/8 | 4251 |
| KVS030L 6/8 -H**B-A | 167 3/8 | 4251 |
| KVS040L 6/8 -H**B-A | 167 3/8 | 4251 |
| KVS010D 6/8 -H**B-A | 112 3/8 | 2854 |
| KVS015D 6/8 -H**B-A | 112 3/8 | 2854 |
| KVS022D 6/8 -H**B-A | 167 3/8 | 4251 |
| KVS027D 6/8 -H**B-A | 167 3/8 | 4251 |

DIMENSIONAL DATA - DUAL COMPRESSOR MODELS

TOP VIEW

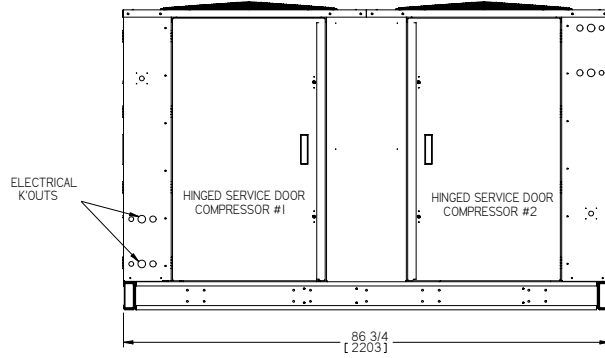


SIDE VIEW



DIMENSIONAL DATA - DUAL COMPRESSOR MODELS

COMPRESSOR-END VIEW



KVD-A COPELAND

| CONDENSING UNIT MODEL | BASE FRAME LENGTH | |
|-----------------------|-------------------|------|
| | inches | mm |
| KVD030H8-H**B-A | 167 3/8 | 4251 |
| KVD040H8-H**B-A | 167 3/8 | 4251 |
| KVD044H8-H**B-A | 167 3/8 | 4251 |
| KVD050H8-H**B-A | 167 3/8 | 4251 |
| KVD060H8-H**B-A | 167 3/8 | 4251 |
| KVD070H8-H**B-A | 222 3/8 | 5648 |
| KVD080H8-H**B-A | 222 3/8 | 5648 |
| KVD030M8-H**B-A | 167 3/8 | 4251 |
| KVD040M8-H**B-A | 167 3/8 | 4251 |
| KVD044M8-H**B-A | 167 3/8 | 4251 |
| KVD050M8-H**B-A | 167 3/8 | 4251 |
| KVD060M8-H**B-A | 167 3/8 | 4251 |
| KVD070M8-H**B-A | 222 3/8 | 5648 |
| KVD080M8-H**B-A | 222 3/8 | 5648 |
| KVD100M8-H**B-A | 222 3/8 | 5648 |
| KVD020L 6/8 -H**B-A | 112 3/8 | 2854 |
| KVD030L 6/8 -H**B-A | 112 3/8 | 2854 |
| KVD044L 6/8 -H**B-A | 167 3/8 | 4251 |
| KVD054L 6/8 -H**B-A | 167 3/8 | 4251 |
| KVD060L 6/8 -H**B-A | 167 3/8 | 4251 |
| KVD080L 6/8 -H**B-A | 167 3/8 | 4251 |
| KVS020D 6/8 -H**B-A | 112 3/8 | 2854 |
| KVS030D 6/8 -H**B-A | 112 3/8 | 2854 |
| KVS044D 6/8 -H**B-A | 167 3/8 | 4251 |
| KVS054D 6/8 -H**B-A | 167 3/8 | 4251 |

**SPECIFICATIONS -
SINGLE COMPRESSOR MODELS**

| CONDENSING UNIT MODEL | CONDENSER FANS | UNIT CONNECTIONS | | | | R404A RECEIVER CAPACITY 90% FULL * | | APPROX. SHIPPING WEIGHT | |
|-----------------------|----------------|------------------|----|-------------|----|------------------------------------|-------|-------------------------|------|
| | | SUCTION (OD) | | LIQUID (OD) | | Lbs. | Kgs | Lbs. | Kgs |
| | | Inches | mm | Inches | mm | | | | |
| KVS015H8-H**B-A | 2 | 1 5/8 | 41 | 7/8 | 22 | 103 | 46.7 | 2155 | 979 |
| KVS020H8-H**B-A | 2 | 1 5/8 | 41 | 7/8 | 22 | 103 | 46.7 | 2310 | 1027 |
| KVS022H8-H**B-A | 2 | 2 1/8 | 54 | 1 1/8 | 29 | 124 | 56.3 | 2385 | 1084 |
| KVS025H8-H**B-A | 2 | 2 1/8 | 54 | 1 1/8 | 29 | 124 | 56.3 | 2400 | 1091 |
| KVS030H8-H**B-A | 2 | 2 1/8 | 54 | 1 1/8 | 29 | 157 | 71.2 | 2500 | 1136 |
| KVS035H8-H**B-A | 3 | 2 1/8 | 54 | 1 1/8 | 29 | 189 | 85.8 | 3035 | 1379 |
| KVS040H8-H**B-A | 3 | 2 1/8 | 54 | 1 3/8 | 35 | 189 | 85.8 | 3165 | 1438 |
| KVS015M8-H**B-A | 2 | 1 5/8 | 41 | 7/8 | 22 | 103 | 46.7 | 2160 | 982 |
| KVS020M8-H**B-A | 2 | 1 5/8 | 41 | 7/8 | 22 | 103 | 46.7 | 2305 | 1048 |
| KVS022M8-H**B-A | 2 | 2 1/8 | 54 | 1 1/8 | 29 | 124 | 56.3 | 2390 | 1086 |
| KVS025M8-H**B-A | 2 | 2 1/8 | 54 | 1 1/8 | 29 | 124 | 56.3 | 2405 | 1093 |
| KVS030M8-H**B-A | 2 | 2 1/8 | 54 | 1 1/8 | 29 | 157 | 71.2 | 2510 | 1141 |
| KVS035M8-H**B-A | 3 | 2 1/8 | 54 | 1 1/8 | 29 | 189 | 85.8 | 3035 | 1379 |
| KVS040M8-H**B-A | 3 | 2 1/8 | 54 | 1 1/8 | 29 | 189 | 85.8 | 3165 | 1438 |
| KVS050M8-H**B-A | 3 | 2 1/8 | 54 | 1 1/8 | 29 | 254 | 115.3 | 3285 | 1493 |
| KVS010L 6/8 -H**B-A | 1 | 1 3/8 | 35 | 5/8 | 16 | 70 | 31.8 | 1675 | 761 |
| KVS015L 6/8 -H**B-A | 1 | 1 5/8 | 41 | 7/8 | 22 | 82 | 37.2 | 1800 | 818 |
| KVS022L 6/8 -H**B-A | 2 | 2 1/8 | 54 | 7/8 | 22 | 103 | 46.7 | 2285 | 1039 |
| KVS027L 6/8 -H**B-A | 2 | 2 1/8 | 54 | 1 1/8 | 29 | 124 | 56.3 | 2510 | 1141 |
| KVS030L 6/8 -H**B-A | 2 | 2 1/8 | 54 | 1 1/8 | 29 | 124 | 56.3 | 2515 | 1143 |
| KVS040L 6/8 -H**B-A | 2 | 2 1/8 | 54 | 1 1/8 | 29 | 157 | 71.2 | 2645 | 1202 |
| KVS010D 6/8 -H**B-A | 1 | 1 3/8 | 35 | 5/8 | 16 | 70 | 31.8 | 1675 | 761 |
| KVS015D 6/8 -H**B-A | 1 | 1 5/8 | 41 | 7/8 | 22 | 82 | 37.2 | 1800 | 818 |
| KVS022D 6/8 -H**B-A | 2 | 2 1/8 | 54 | 7/8 | 22 | 103 | 46.7 | 2285 | 1039 |
| KVS027D 6/8 -H**B-A | 2 | 2 1/8 | 54 | 1 1/8 | 29 | 124 | 56.3 | 2510 | 1141 |

**SPECIFICATIONS -
DUAL COMPRESSOR MODELS**

| CONDENSING UNIT MODEL | CONDENSER FANS | UNIT CONNECTIONS | | | | R404A RECEIVER CAPACITY 90% FULL * | | APPROX. SHIPPING WEIGHT | |
|-----------------------|----------------|------------------|----|-------------|----|------------------------------------|-------|-------------------------|------|
| | | SUCTION (OD) | | LIQUID (OD) | | Lbs. | Kgs | Lbs. | Kgs |
| | | Inches | mm | Inches | mm | | | | |
| KVD030H8-H**B-A | 2 | 1 5/8 | 41 | 7/8 | 22 | 103 | 46.7 | 3865 | 1757 |
| KVD040H8-H**B-A | 2 | 1 5/8 | 41 | 7/8 | 22 | 103 | 46.7 | 4165 | 1847 |
| KVD044H8-H**B-A | 2 | 2 1/8 | 54 | 1 1/8 | 29 | 124 | 56.3 | 4315 | 1916 |
| KVD050H8-H**B-A | 2 | 2 1/8 | 54 | 1 1/8 | 29 | 124 | 56.3 | 4345 | 1975 |
| KVD060H8-H**B-A | 2 | 2 1/8 | 54 | 1 1/8 | 29 | 157 | 71.2 | 4540 | 2063 |
| KVD070H8-H**B-A | 3 | 2 1/8 | 54 | 1 1/8 | 29 | 189 | 85.8 | 5510 | 2504 |
| KVD080H8-H**B-A | 3 | 2 1/8 | 54 | 1 3/8 | 35 | 189 | 85.8 | 5760 | 2618 |
| KVD030M8-H**B-A | 2 | 1 5/8 | 41 | 7/8 | 22 | 103 | 46.7 | 3875 | 1761 |
| KVD040M8-H**B-A | 2 | 1 5/8 | 41 | 7/8 | 22 | 103 | 46.7 | 4030 | 1852 |
| KVD044M8-H**B-A | 2 | 2 1/8 | 54 | 1 1/8 | 29 | 124 | 56.3 | 4325 | 1966 |
| KVD050M8-H**B-A | 2 | 2 1/8 | 54 | 1 1/8 | 29 | 124 | 56.3 | 4355 | 1979 |
| KVD060M8-H**B-A | 2 | 2 1/8 | 54 | 1 1/8 | 29 | 157 | 71.2 | 4555 | 2070 |
| KVD070M8-H**B-A | 3 | 2 1/8 | 54 | 1 1/8 | 29 | 189 | 85.8 | 5515 | 2506 |
| KVD080M8-H**B-A | 3 | 2 1/8 | 54 | 1 1/8 | 29 | 189 | 85.8 | 5760 | 2618 |
| KVD100M8-H**B-A | 3 | 2 1/8 | 54 | 1 1/8 | 29 | 254 | 115.3 | 6005 | 2729 |
| KVD020L 6/8 -H**B-A | 1 | 1 3/8 | 35 | 5/8 | 16 | 70 | 31.8 | 2975 | 1352 |
| KVD030L 6/8 -H**B-A | 1 | 1 5/8 | 41 | 7/8 | 22 | 82 | 37.2 | 3225 | 1466 |
| KVD044L 6/8 -H**B-A | 2 | 2 1/8 | 54 | 7/8 | 22 | 103 | 46.7 | 4120 | 1872 |
| KVD054L 6/8 -H**B-A | 2 | 2 1/8 | 54 | 1 1/8 | 29 | 124 | 56.3 | 4570 | 2077 |
| KVD060L 6/8 -H**B-A | 2 | 2 1/8 | 54 | 1 1/8 | 29 | 124 | 56.3 | 4580 | 2082 |
| KVD080L 6/8 -H**B-A | 2 | 2 1/8 | 54 | 1 1/8 | 29 | 157 | 71.2 | 4830 | 2195 |
| KVD020D 6/8 -H**B-A | 1 | 1 3/8 | 35 | 5/8 | 16 | 70 | 31.8 | 2975 | 1352 |
| KVD030D 6/8 -H**B-A | 1 | 1 5/8 | 41 | 7/8 | 22 | 82 | 37.2 | 3225 | 1466 |
| KVD044D 6/8 -H**B-A | 2 | 2 1/8 | 54 | 7/8 | 22 | 103 | 46.7 | 4120 | 1872 |
| KVD054D 6/8 -H**B-A | 2 | 2 1/8 | 54 | 1 1/8 | 29 | 124 | 56.3 | 4570 | 2077 |

* NOTE ON ALTERNATE REFRIGERANTS: PUBLISHED RECEIVER CAPACITY IS BASED ON R404A ON MODELS USING "8" AS REFRIGERANT CODE. FOR ALTERNATE REFRIGERANTS, MULTIPLY R404A VALUE BY THE APPROPRIATE VALUE AT RIGHT:

| | | | | |
|--------------|--------------|------------------------------|-------------|------------|
| R407A | R407C | R448A R449A | R507 | R22 |
| 1.10 | 1.10 | 1.05 | 1.00 | 1.15 |

Annual Walk-In Energy Factor Ratings - High/Medium Temperature

If a numerical value is listed in the tables below, the following statement applies to that corresponding model:
"This refrigeration system is designed and certified for use in walk-in cooler applications."

| Base Unit Model | Outdoor Models | | | |
|-----------------|----------------|-------|----------------|-------|
| | R404A R507 | R407A | R448A R449A | R407C |
| KVS015H8-A | 7.6 | 7.6 | 7.6 | - |
| KVS020H8-A | 7.6 | 7.6 | 7.6 | 7.6 |
| KVS022H8-A | 7.6 | 7.6 | 7.6 | 7.6 |
| KVS025H8-A | 7.6 | 7.6 | 7.6 | 7.6 |
| KVS030H8-A | 7.6 | 7.6 | 7.6 | 7.6 |
| KVS035H8-A | 7.6 | 7.6 | 7.6 | - |
| KVS040H8-A | 7.6 | 7.6 | 7.6 | 7.6 |
| KVD030H8-A | 7.6 | 7.6 | 7.6 | - |
| KVD040H8-A | 7.6 | 7.6 | 7.6 | 7.6 |
| KVD044H8-A | 7.6 | 7.6 | 7.6 | 7.6 |
| KVD050H8-A | 7.6 | 7.6 | 7.6 | 7.6 |
| KVD060H8-A | 7.6 | 7.6 | 7.6 | 7.6 |
| KVD070H8-A | 7.6 | 7.6 | 7.6 | - |
| KVD080H8-A | 7.6 | 7.6 | 7.6 | 7.6 |
| KVS015M8-A | 7.6 | 7.6 | 7.6 | 7.6 |
| KVS020M8-A | 7.6 | 7.6 | 7.6 | 7.6 |
| KVS022M8-A | 7.6 | 7.6 | 7.6 | 7.6 |
| KVS025M8-A | 7.6 | 7.6 | 7.6 | 7.6 |
| KVS030M8-A | 7.6 | 7.6 | 7.6 | 7.6 |
| KVS035M8-A | 7.6 | 7.6 | 7.6 | 7.6 |
| KVS040M8-A | 7.6 | 7.6 | 7.6 | 7.6 |
| KVS050M8-A | 7.6 | 7.6 | 7.6 | 7.6 |
| KVD030M8-A | 7.6 | 7.6 | 7.6 | 7.6 |
| KVD040M8-A | 7.6 | 7.6 | 7.6 | 7.6 |
| KVD044M8-A | 7.6 | 7.6 | 7.6 | 7.6 |
| KVD050M8-A | 7.6 | 7.6 | 7.6 | 7.6 |
| KVD060M8-A | 7.6 | 7.6 | 7.6 | 7.6 |
| KVD070M8-A | 7.6 | 7.6 | 7.6 | 7.6 |
| KVD080M8-A | 7.6 | 7.6 | 7.6 | 7.6 |
| KVD100M8-A | 7.6 | 7.6 | 7.6 | 7.6 |

— = Non-compliant model

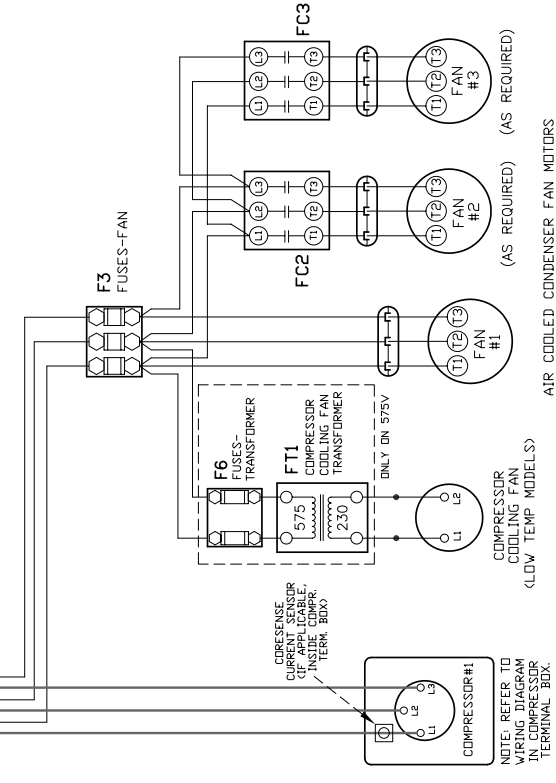
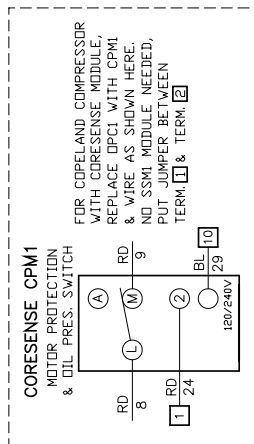
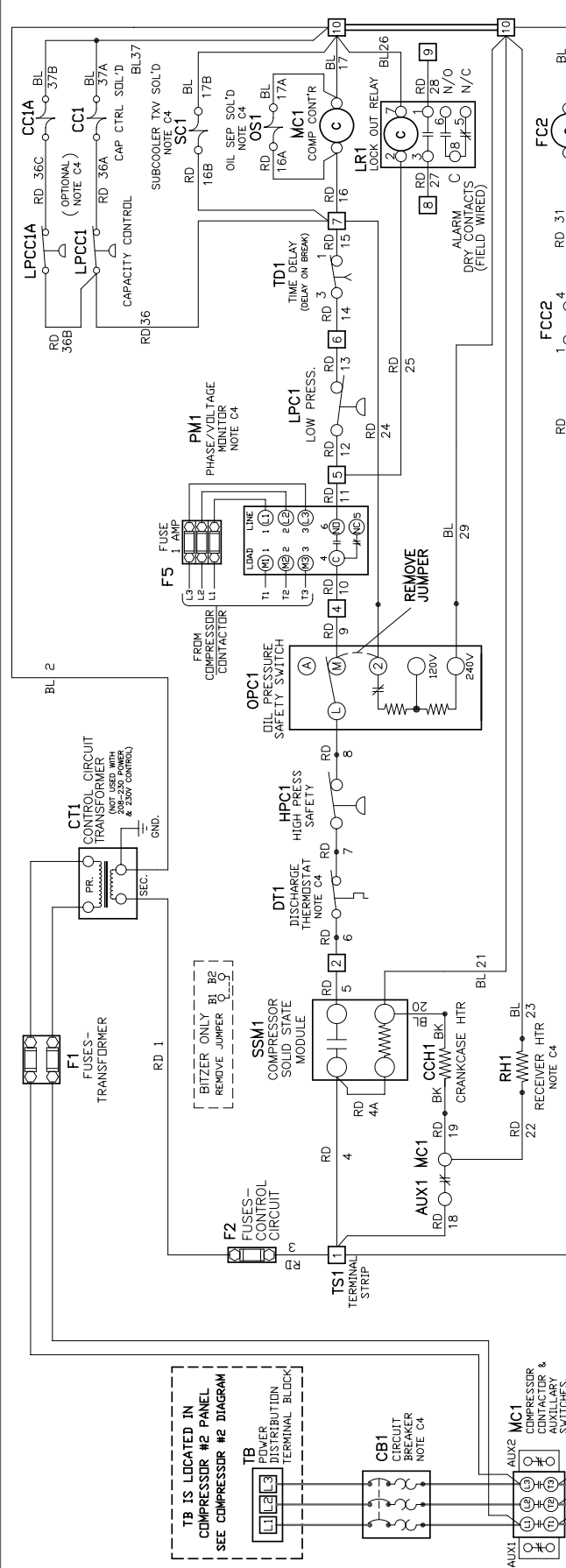
Annual Walk-In Energy Factor Ratings - Low Temperature

If a numerical value is listed in the table below, the following statement applies to that corresponding model:
" This refrigeration system is designed and certified for use in walk-in freezer applications."

| Base Unit Model | Outdoor Models | | | |
|-----------------|----------------|-------|----------------|-------|
| | R404A R507 | R407A | R448A R449A | R407C |
| KVS010L 6/8 -A | - | - | - | - |
| KVS015L 6/8 -A | - | - | - | - |
| KVS022L 6/8 -A | - | - | - | - |
| KVS027L 6/8 -A | - | - | - | - |
| KVS030L 6/8 -A | - | - | - | - |
| KVS040L 6/8 -A | - | - | - | - |
| KVD020L 6/8 -A | - | - | - | - |
| KVD030L 6/8 -A | - | - | - | - |
| KVD044L 6/8 -A | - | - | - | - |
| KVD054L 6/8 -A | - | - | - | - |
| KVD060L 6/8 -A | - | - | - | - |
| KVD080L 6/8 -A | - | - | - | - |
| KVS010D 6/8 -A | 3.15 | 3.15 | 3.15 | - |
| KVS015D 6/8 -A | 3.15 | 3.15 | 3.15 | - |
| KVS022D 6/8 -A | 3.15 | 3.15 | 3.15 | - |
| KVS027D 6/8 -A | 3.15 | 3.15 | 3.15 | - |
| KVD020D 6/8 -A | 3.15 | 3.15 | 3.15 | - |
| KVD030D 6/8 -A | 3.15 | 3.15 | 3.15 | - |
| KVD044D 6/8 -A | 3.15 | 3.15 | 3.15 | - |
| KVD054D 6/8 -A | 3.15 | 3.15 | 3.15 | - |

— = Non-compliant model

CONDENSING UNIT WIRING DIAGRAM: COMPRESSOR #1
(ALSO REFER TO COMPRESSOR #2 DIAGRAM)



NOTES

- C1. USE COPPER CONDUCTORS ONLY
- C2. USE 75°C WIRE (OR HIGHER)
- C3. ALL FUSES TO BE CLASS CC OR J AND VOLTAGE RATED EQUAL (OR HIGHER) THAN OPERATING VOLTAGE BY OTHERS.

CONDUCTORS/WIRING

--- FACTORY WIRING
- - - WIRING BY OTHERS

G=GREEN RD=RED BL=BLUE ALL OTHER BLACK
ALL FIELD WIRING MUST BE DONE IN COMPLIANCE WITH ALL APPLICABLE LOCAL AND NATIONAL CODES

REVISIONS B
VERSION B
DATE: SEP 05, 12
DIAGRAM NUMBER 1T4B2L3P2-366

REMOVE JUMPER

FOR CORELAND COMPRESSOR WITH CORESENSE MODULE, REPLACE OPC1 WITH CPM1 & WIRE AS SHOWN HERE. NO SSM1 MODULE NEEDED, PUT JUMPER BETWEEN TERM. T1 & TERM. T2

NOTE: FAN CYCLING CONTROL OPERATES FAN #2 & #3. FAN #1 IS ALWAYS ON WHEN COMPRESSOR #1 IS RUNNING.

AIR COOLED CONDENSER FAN LAYOUT

FAN #1, FAN #2, FAN #3

REMOVE JUMPER

FOR CORELAND COMPRESSOR WITH CORESENSE MODULE, REPLACE OPC1 WITH CPM1 & WIRE AS SHOWN HERE. NO SSM1 MODULE NEEDED, PUT JUMPER BETWEEN TERM. T1 & TERM. T2

NOTE: FAN CYCLING CONTROL OPERATES FAN #2 & #3. FAN #1 IS ALWAYS ON WHEN COMPRESSOR #1 IS RUNNING.

AIR COOLED CONDENSER FAN LAYOUT

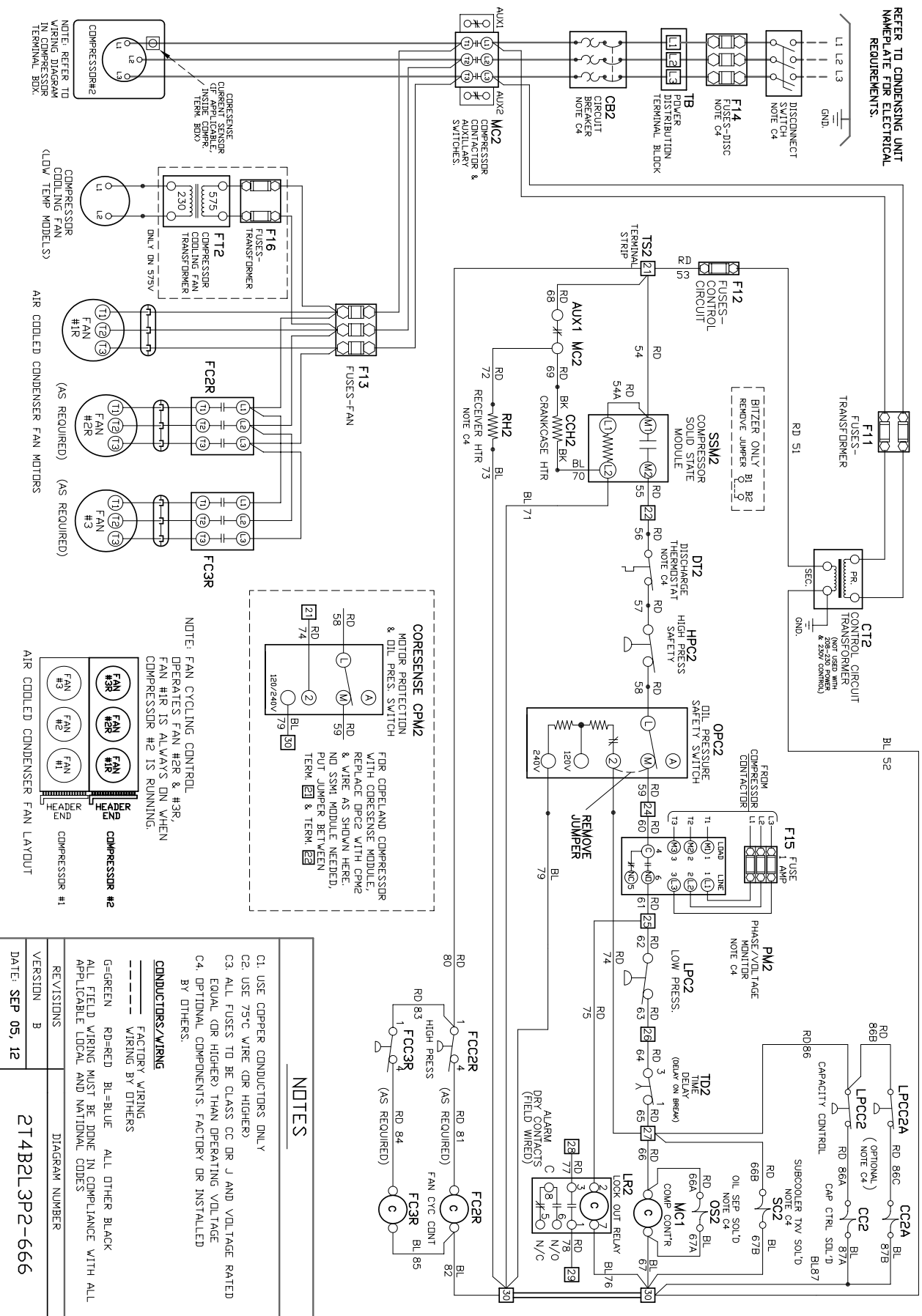
FAN #1, FAN #2, FAN #3

COMPRESSOR COOLING FAN (LOW TEMP. MODELS)

NOTE: REFER TO WIRING DIAGRAM IN COMPRESSOR TERMINAL BOX

CONDENSING UNIT WIRING DIAGRAM: COMPRESSOR #2
(ALSO REFER TO COMPRESSOR #1 DIAGRAM)

- 208-230/3/60, 460/3/60, 575/3/60 POWER SUPPLY
- 230V or 120V CONTROL CIRCUIT



REFER TO CONDENSING UNIT NAMEPLATE FOR ELECTRICAL REQUIREMENTS.

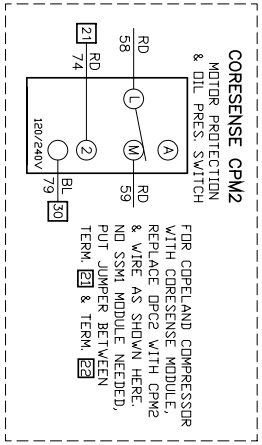
NOTE: REFER TO WIRING DIAGRAM IN COMPRESSOR TERMINAL BOX.

COMPRESSOR CURRENT SENSING OF APPLICABLE. REFER TO COMPRESSOR TERMINAL BOX.

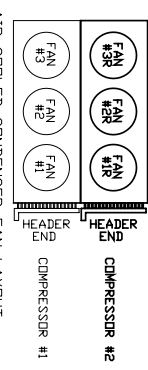
COMPRESSOR COOLING FAN (LOW TEMP MODELS)

AIR COOLED CONDENSER FAN MOTORS (AS REQUIRED)

AIR COOLED CONDENSER FAN LAYOUT



NOTE: FAN CYCLING CONTROL OPERATES FAN #2R & #3R. FAN #1R IS ALWAYS ON WHEN COMPRESSOR #2 IS RUNNING.



NOTES

- C1. USE COPPER CONDUCTORS ONLY
- C2. USE 75°C WIRE (OR HIGHER)
- C3. ALL FUSES TO BE CLASS CC DR J AND VOLTAGE RATED EQUAL (OR HIGHER) THAN OPERATING VOLTAGE
- C4. OPTIONAL COMPONENTS, FACTORY OR INSTALLED BY OTHERS.

CONDUCTORS/WIRING

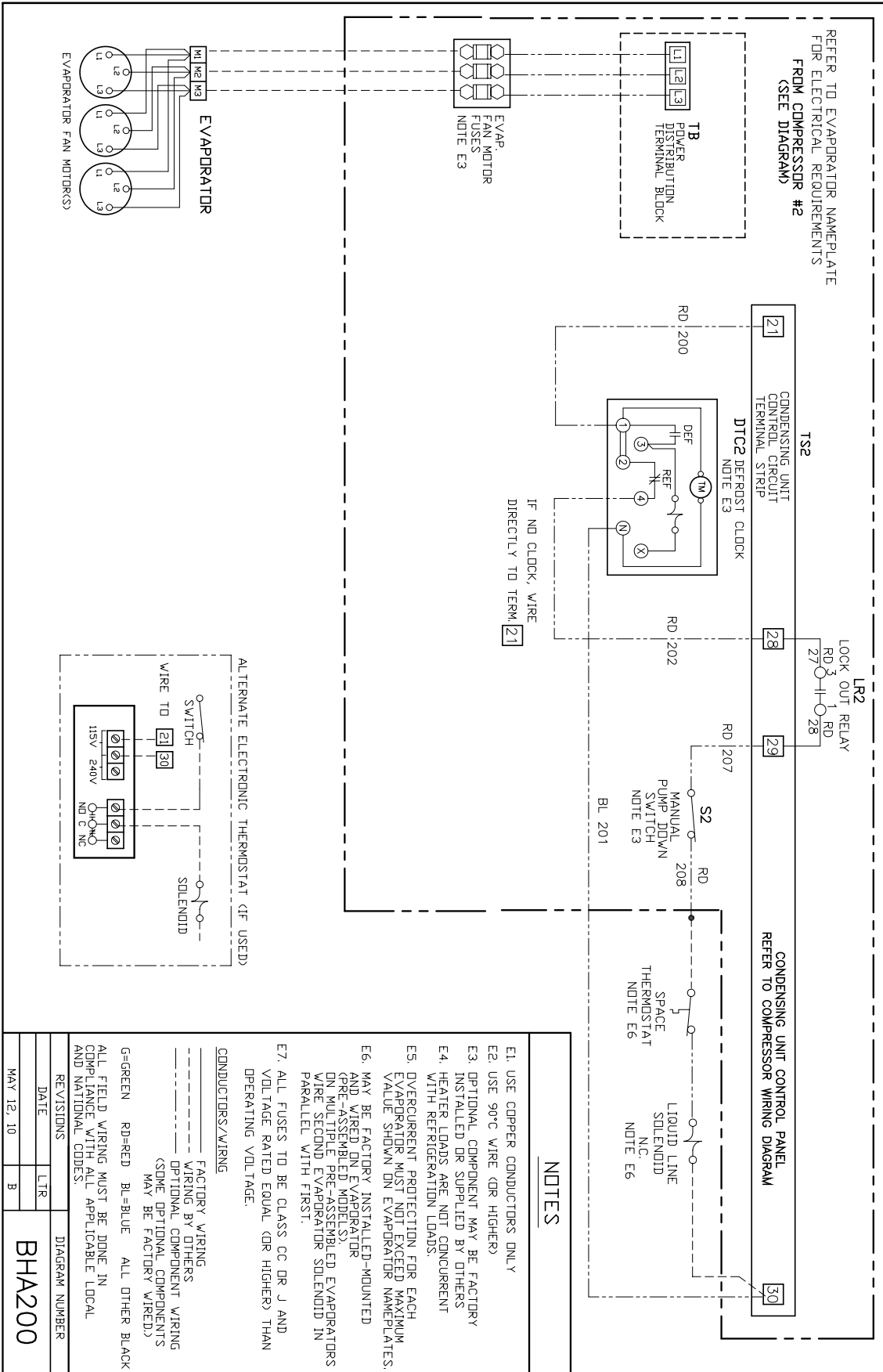
FACTORY WIRING
--- WIRING BY OTHERS
G=GREEN RD=RED BL=BLUE ALL OTHER BLACK
ALL FIELD WIRING MUST BE DONE IN COMPLIANCE WITH ALL APPLICABLE LOCAL AND NATIONAL CODES

REVISIONS

| | | | |
|---------|------------|----------------|---------------|
| VERSION | B | DIAGRAM NUMBER | 2T4B2L3P2-666 |
| DATE: | SEP 05, 12 | | |

EVAPORATOR WIRING DIAGRAM: COMPRESSOR #2

- TYPICAL AIR DEFROST (ONE EVAP)



NOTES

- E1. USE COPPER CONDUCTORS ONLY
- E2. USE 90°C WIRE (OR HIGHER)
- E3. OPTIONAL COMPONENT MAY BE FACTORY INSTALLED OR SUPPLIED BY OTHERS
- E4. HEATER LOADS ARE NOT CONCURRENT WITH REFRIGERATION LOADS.
- E5. OVERCURRENT PROTECTION FOR EACH EVAPORATOR MUST NOT EXCEED MAXIMUM VALUE SHOWN ON EVAPORATOR NAMEPLATES.
- E6. MAY BE FACTORY INSTALLED-MOUNTED AND WIRED ON EVAPORATOR (FIELD ASSEMBLY RECOMMENDED) EVAPORATORS WIRE SECOND EVAPORATOR SOLENOID IN PARALLEL WITH FIRST.
- E7. ALL FUSES TO BE CLASS CC OR J AND VOLTAGE RATED EQUAL (OR HIGHER) THAN OPERATING VOLTAGE.

CONDUCTORS/WIRING

FACTORY WIRING

WIRING BY OTHERS

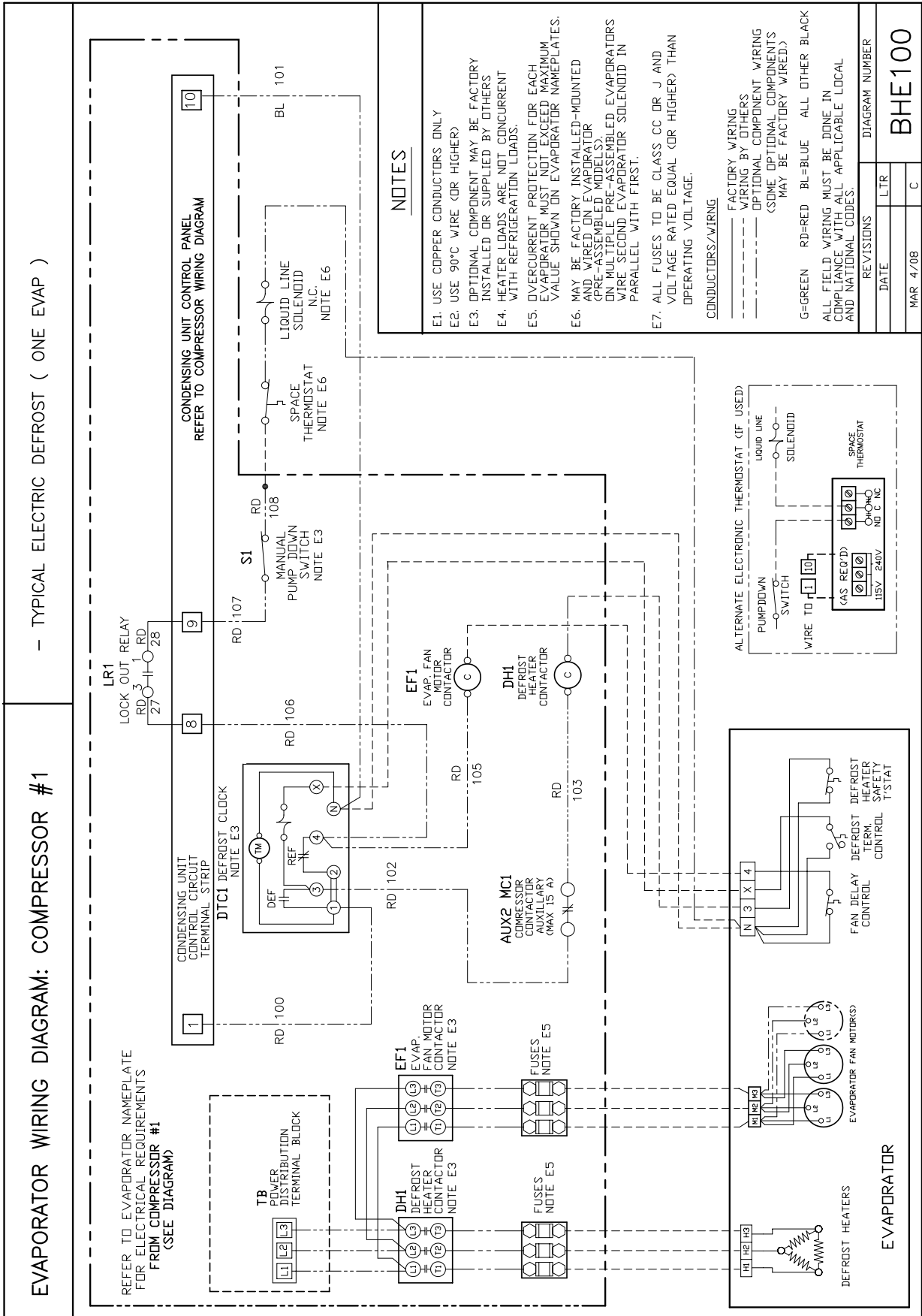
OPTIONAL COMPONENT WIRING

(SOME OPTIONAL COMPONENTS MAY BE FACTORY WIRED)

G=GREEN RD=RED BL=BLUE ALL OTHER BLACK

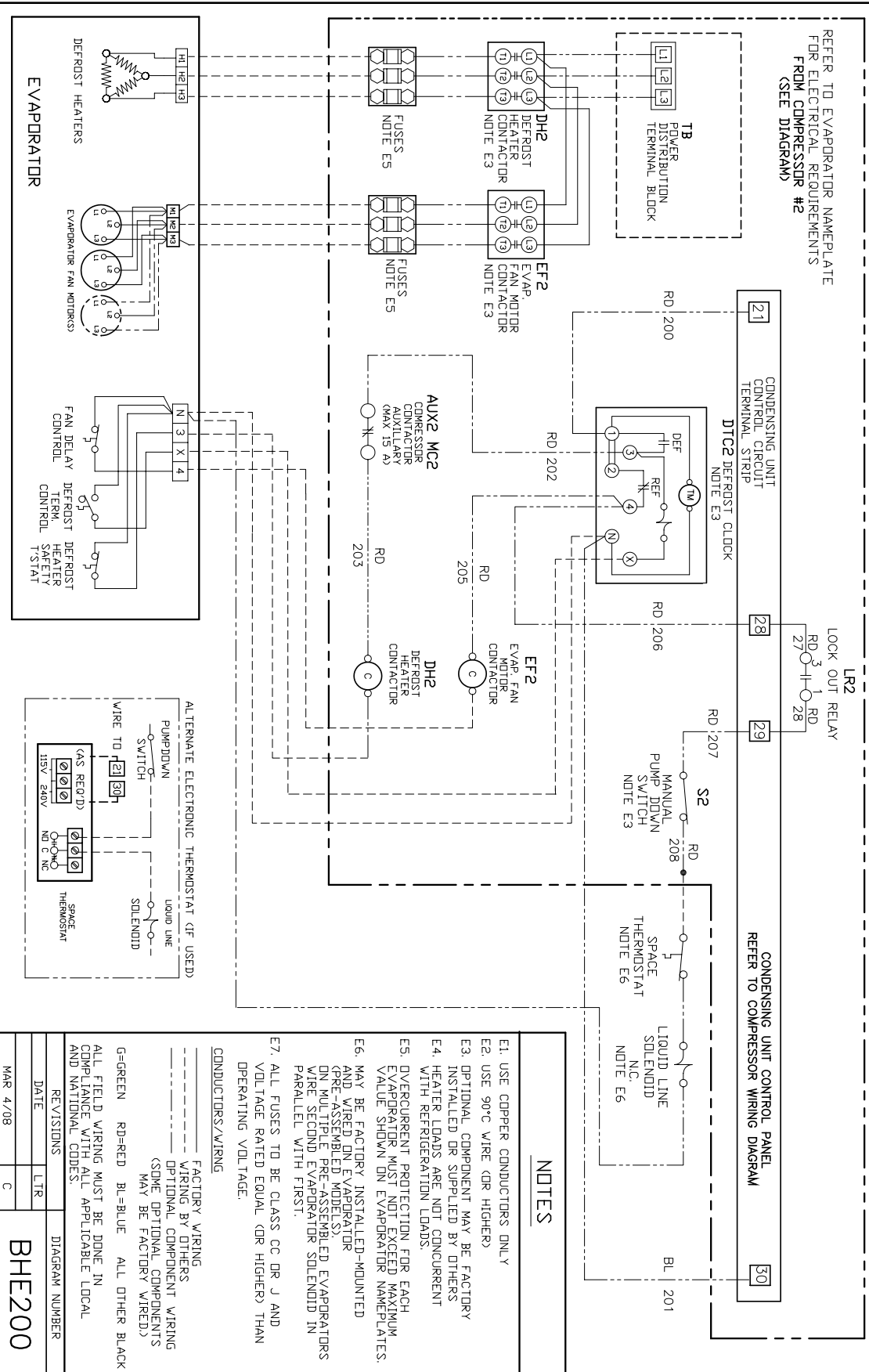
ALL FIELD WIRING MUST BE DONE IN COMPLIANCE WITH ALL APPLICABLE LOCAL AND NATIONAL CODES.

| REVISIONS | | DIAGRAM NUMBER |
|------------|-----|----------------|
| DATE | LTR | BHA200 |
| MAY 12, 10 | B | |



EVAPORATOR WIRING DIAGRAM: COMPRESSOR #2

- TYPICAL ELECTRIC DEFROST (ONE EVAP)



NOTES

- E1. USE COPPER CONDUCTORS ONLY
- E2. USE 90°C WIRE (OR HIGHER)
- E3. OPTIONAL COMPONENT MAY BE FACTORY INSTALLED OR SUPPLIED BY OTHERS WITH REFRIGERATION LOADS.
- E4. HEATER LOADS ARE NOT CONCURRENT
- E5. OVERCURRENT PROTECTION FOR EACH EVAPORATOR MUST NOT EXCEED MAXIMUM VALUE SHOWN ON EVAPORATOR NAMEPLATES.
- E6. MAY BE FACTORY INSTALLED-UNWired AND Wired ON EVAPORATOR (PRE-ASSEMBLED MODELS). ON MULTIPLE PRE-ASSEMBLED EVAPORATORS WIRE SECOND EVAPORATOR SOLENOID IN PARALLEL WITH FIRST.
- E7. ALL FUSES TO BE CLASS CC OR J AND VOLTAGE RATED EQUAL (OR HIGHER) THAN OPERATING VOLTAGE.

CONDUCTORS/WIRING

| | | | |
|---------|---|---------|-----------------|
| --- | FACTORY WIRING | | |
| --- | WIRING BY OTHERS | | |
| --- | OPTIONAL COMPONENT WIRING (SOME OPTIONAL COMPONENTS MAY BE FACTORY WIRED) | | |
| G=GREEN | RD=RED | BL=BLUE | ALL OTHER BLACK |

ALL FIELD WIRING MUST BE DONE IN COMPLIANCE WITH ALL APPLICABLE LOCAL AND NATIONAL CODES.

| REVISIONS | DATE | DIAGRAM NUMBER |
|-----------|----------|----------------|
| | MAR 4/08 | BHE200 |

CAPACITY DATA - R407A
HIGH TEMP. HIGH EFFICIENCY MODELS

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R407A AMBIENT TEMPERATURE °F (°C) | | | | | | | |
|--|-------------------------------|----|---|---------------|---------------|---------------|---------------|---------------|---------------|--|
| | °F | °C | 85 (29.4) | 90 (32.2) | 95 (35.0) | 100 (37.8) | 105 (40.6) | 110 (43.3) | 115 (46.1) | |
| KVS016H8-A Compressor 3DS3R17ME | 45 (7.2) | | 224.7 (65.9) | 216.1 (63.3) | 207.6 (60.8) | 199.2 (58.4) | 190.8 (55.9) | 182.6 (53.5) | 174.6 (51.2) | |
| | 40 (4.4) | | 205.4 (60.2) | 197.6 (57.9) | 189.9 (55.7) | 182.4 (53.5) | 174.9 (51.3) | 167.6 (49.1) | 160.2 (46.9) | |
| | 35 (1.7) | | 187.0 (54.8) | 180.1 (52.8) | 173.3 (50.8) | 166.4 (48.8) | 159.7 (46.8) | 153.0 (44.8) | 146.5 (42.9) | |
| KVS023H8-A Compressor 4DANR18ME | 45 (7.2) | | 288.2 (84.5) | 277.7 (81.4) | 267.3 (78.3) | 256.9 (75.3) | 246.5 (72.2) | 236.1 (69.2) | 225.8 (66.2) | |
| | 40 (4.4) | | 262.2 (76.8) | 252.6 (74) | 243.0 (71.2) | 233.4 (68.4) | 224.0 (65.6) | 214.4 (62.8) | 204.9 (60.1) | |
| | 35 (1.7) | | 237.8 (69.7) | 229.1 (67.1) | 220.4 (64.6) | 211.6 (62) | 202.9 (59.5) | 194.1 (56.9) | 185.4 (54.3) | |
| KVS026H8-A Compressor 4DHNR22ME | 45 (7.2) | | 323.3 (94.7) | 311.5 (91.3) | 299.6 (87.8) | 287.2 (84.2) | 274.8 (80.5) | 262.2 (76.8) | 249.6 (73.2) | |
| | 40 (4.4) | | 296.9 (87) | 286.0 (83.8) | 274.8 (80.5) | 263.3 (77.2) | 251.8 (73.8) | 240.1 (70.4) | 228.5 (67) | |
| | 35 (1.7) | | 271.0 (79.4) | 260.9 (76.5) | 250.5 (73.4) | 240.0 (70.3) | 229.3 (67.2) | 218.6 (64.1) | 207.8 (60.9) | |
| KVS031H8-A Compressor 4DJNR28ME | 45 (7.2) | | 378.1 (110.8) | 364.8 (106.9) | 351.1 (102.9) | 337.1 (98.8) | 322.6 (94.5) | 307.9 (90.2) | 292.7 (85.8) | |
| | 40 (4.4) | | 346.2 (101.5) | 333.8 (97.8) | 321.2 (94.1) | 308.2 (90.3) | 294.8 (86.4) | 281.2 (82.4) | 267.3 (78.3) | |
| | 35 (1.7) | | 315.5 (92.5) | 304.2 (89.2) | 292.4 (85.7) | 280.6 (82.2) | 268.3 (78.6) | 255.9 (75) | 243.3 (71.3) | |
| KVS036H8-A Compressor 6DHNR35ME | 45 (7.2) | | 465.5 (136.4) | 451.8 (132.4) | 437.7 (128.3) | 423.4 (124.1) | 408.3 (119.7) | 392.7 (115.1) | 376.2 (110.3) | |
| | 40 (4.4) | | 422.6 (123.9) | 409.9 (120.1) | 396.9 (116.3) | 383.5 (112.4) | 369.6 (108.3) | 355.1 (104.1) | 339.8 (99.6) | |
| | 35 (1.7) | | 384.0 (112.5) | 372.2 (109.1) | 360.3 (105.6) | 347.9 (102) | 335.1 (98.2) | 321.7 (94.3) | 307.7 (90.2) | |
| KVS041H8-A Compressor 6DJNR40ME | 45 (7.2) | | 564.3 (165.4) | 542.6 (159) | 520.8 (152.6) | 498.6 (146.1) | 476.3 (139.6) | 453.7 (133) | 431.1 (126.3) | |
| | 40 (4.4) | | 510.7 (149.7) | 491.9 (144.2) | 472.9 (138.6) | 453.5 (132.9) | 434.0 (127.2) | 414.2 (121.4) | 394.4 (115.6) | |
| | 35 (1.7) | | 462.5 (135.5) | 446.3 (130.8) | 429.7 (125.9) | 412.9 (121) | 395.7 (116) | 378.5 (110.9) | 361.1 (105.8) | |

NOTES: - Above ratings are based on mean temperature. - To convert to dew point ratings, use 0.95 multiplier.

CAPACITY DATA - **R407A**

MEDIUM TEMP. HIGH EFFICIENCY MODELS

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R407A AMBIENT TEMPERATURE °F (°C) | | | | | | | |
|---|-------------------------------|---------------|--|---------------|---------------|---------------|---------------|---------------|------------|--|
| | ° F | ° C | 85 (29.4) | 90 (32.2) | 95 (35.0) | 100 (37.8) | 105 (40.6) | 110 (43.3) | 115 (46.1) | |
| KVS016M8-A Compressor Model 3DS3R17ME | 30 (-1.1) | 169.6 (49.7) | 163.4 (47.9) | 157.3 (46.1) | 151.2 (44.3) | 145.1 (42.5) | 139.1 (40.8) | 132.8 (38.9) | | |
| | 25 (-3.9) | 153.1 (44.9) | 147.6 (43.3) | 142.2 (41.7) | 136.7 (40.1) | 131.3 (38.5) | 125.8 (36.9) | 120.5 (35.3) | | |
| | 20 (-6.7) | 137.8 (40.4) | 132.8 (38.9) | 127.9 (37.5) | 123.0 (36) | 118.0 (34.6) | 113.1 (33.1) | 108.2 (31.7) | | |
| | 15 (-9.4) | 123.3 (36.1) | 118.9 (34.8) | 114.5 (33.5) | 109.9 (32.2) | 105.4 (30.9) | 100.9 (29.6) | 96.3 (28.2) | | |
| | 10 (-12.2) | 109.9 (32.2) | 105.9 (31) | 101.9 (29.8) | 97.8 (28.6) | 93.6 (27.4) | 89.3 (26.2) | 84.9 (24.9) | | |
| | 5 (-15) | 97.5 (28.6) | 93.9 (27.5) | 90.1 (26.4) | 86.2 (25.3) | 82.2 (24.1) | 78.2 (22.9) | 74.0 (21.7) | | |
| 0 (-17.8) | 86.2 (25.3) | 82.7 (24.2) | 79.2 (23.2) | 75.4 (22.1) | 71.6 (21) | 67.6 (19.8) | 63.5 (18.6) | | | |
| KVS021M8-A Compressor Model 4DANR18ME | 30 (-1.1) | 189.3 (55.5) | 182.3 (53.4) | 175.2 (51.3) | 167.9 (49.2) | 160.4 (47) | 152.6 (44.7) | 144.6 (42.4) | | |
| | 25 (-3.9) | 170.5 (50) | 164.2 (48.1) | 157.8 (46.2) | 151.3 (44.3) | 144.6 (42.4) | 137.7 (40.4) | 130.6 (38.3) | | |
| | 20 (-6.7) | 153.0 (44.8) | 147.4 (43.2) | 141.7 (41.5) | 135.9 (39.8) | 130.0 (38.1) | 123.9 (36.3) | 117.6 (34.5) | | |
| | 15 (-9.4) | 136.7 (40.1) | 131.7 (38.6) | 126.7 (37.1) | 121.6 (35.6) | 116.4 (34.1) | 111.1 (32.6) | 105.6 (30.9) | | |
| | 10 (-12.2) | 121.6 (35.6) | 117.1 (34.3) | 112.7 (33) | 108.2 (31.7) | 103.7 (30.4) | 99.1 (29) | 94.4 (27.7) | | |
| | 5 (-15) | 107.5 (31.5) | 103.5 (30.3) | 99.6 (29.2) | 95.7 (28) | 91.9 (26.9) | 87.9 (25.8) | 83.9 (24.6) | | |
| 0 (-17.8) | 94.3 (27.6) | 90.8 (26.6) | 87.4 (25.6) | 84.0 (24.6) | 80.7 (23.7) | 77.3 (22.7) | 73.9 (21.7) | | | |
| KVS023M8-A Compressor Model 4DBNR20ME | 30 (-1.1) | 215.3 (63.1) | 207.3 (60.7) | 199.3 (58.4) | 191.3 (56.1) | 183.4 (53.8) | 175.5 (51.4) | 167.3 (49) | | |
| | 25 (-3.9) | 194.1 (56.9) | 186.9 (54.8) | 179.8 (52.7) | 172.5 (50.6) | 165.4 (48.5) | 158.1 (46.3) | 150.7 (44.2) | | |
| | 20 (-6.7) | 174.6 (51.2) | 168.2 (49.3) | 161.7 (47.4) | 155.2 (45.5) | 148.7 (43.6) | 142.1 (41.6) | 135.6 (39.7) | | |
| | 15 (-9.4) | 156.7 (45.9) | 150.8 (44.2) | 145.0 (42.5) | 139.1 (40.8) | 133.2 (39.1) | 127.3 (37.3) | 121.1 (35.5) | | |
| | 10 (-12.2) | 140.0 (41) | 134.7 (39.5) | 129.6 (38) | 124.3 (36.4) | 119.0 (34.9) | 113.6 (33.3) | 108.3 (31.7) | | |
| | 5 (-15) | 124.6 (36.5) | 119.9 (35.1) | 115.3 (33.8) | 110.6 (32.4) | 105.8 (31) | 101.0 (29.6) | 96.2 (28.2) | | |
| 0 (-17.8) | 110.4 (32.3) | 106.3 (31.1) | 102.2 (29.9) | 97.9 (28.7) | 93.7 (27.4) | 89.3 (26.2) | 84.8 (24.9) | | | |
| KVS026M8-A Compressor Model 4DHNR22ME | 30 (-1.1) | 245.8 (72) | 236.6 (69.3) | 227.0 (66.5) | 217.2 (63.7) | 207.5 (60.8) | 197.6 (57.9) | 187.7 (55) | | |
| | 25 (-3.9) | 221.4 (64.9) | 212.9 (62.4) | 204.2 (59.9) | 195.4 (57.3) | 186.4 (54.6) | 177.5 (52) | 168.4 (49.4) | | |
| | 20 (-6.7) | 198.1 (58.1) | 190.5 (55.8) | 182.6 (53.5) | 174.5 (51.1) | 166.4 (48.8) | 158.3 (46.4) | 150.5 (44.1) | | |
| | 15 (-9.4) | 176.1 (51.6) | 169.3 (49.6) | 162.1 (47.5) | 154.9 (45.4) | 147.6 (43.3) | 140.5 (41.2) | 133.5 (39.1) | | |
| | 10 (-12.2) | 155.6 (45.6) | 149.4 (43.8) | 143.1 (41.9) | 136.7 (40.1) | 130.3 (38.2) | 124.1 (36.4) | 118.0 (34.6) | | |
| | 5 (-15) | 136.7 (40.1) | 131.3 (38.5) | 125.8 (36.9) | 120.2 (35.2) | 114.7 (33.6) | 109.3 (32) | 104.2 (30.5) | | |
| 0 (-17.8) | 119.7 (35.1) | 115.1 (33.7) | 110.3 (32.3) | 105.5 (30.9) | 100.8 (29.5) | 96.4 (28.2) | 92.1 (27) | | | |
| KVS031M8-A Compressor Model 4DJNR28ME | 30 (-1.1) | 286.2 (83.9) | 275.8 (80.8) | 265.1 (77.7) | 254.2 (74.5) | 243.1 (71.2) | 231.8 (67.9) | 220.6 (64.7) | | |
| | 25 (-3.9) | 258.4 (75.7) | 248.9 (72.9) | 239.1 (70.1) | 229.2 (67.2) | 219.2 (64.3) | 209.1 (61.3) | 198.6 (58.2) | | |
| | 20 (-6.7) | 231.9 (68) | 223.2 (65.4) | 214.5 (62.9) | 205.7 (60.3) | 196.8 (57.7) | 187.7 (55) | 178.6 (52.3) | | |
| | 15 (-9.4) | 207.1 (60.7) | 199.2 (58.4) | 191.4 (56.1) | 183.5 (53.8) | 175.8 (51.5) | 167.9 (49.2) | 160.1 (46.9) | | |
| | 10 (-12.2) | 183.6 (53.8) | 176.7 (51.8) | 169.8 (49.8) | 163.0 (47.8) | 156.2 (45.8) | 149.6 (43.9) | 143.0 (41.9) | | |
| | 5 (-15) | 161.8 (47.4) | 155.8 (45.7) | 149.8 (43.9) | 144.0 (42.2) | 138.3 (40.5) | 132.8 (38.9) | 127.5 (37.4) | | |
| 0 (-17.8) | 141.8 (41.5) | 136.5 (40) | 131.5 (38.5) | 126.6 (37.1) | 122.0 (35.8) | 117.7 (34.5) | 113.6 (33.3) | | | |
| KVS036M8-A Compressor Model 6DHNR35ME | 30 (-1.1) | 349.1 (102.3) | 338.3 (99.1) | 327.3 (95.9) | 316.1 (92.6) | 304.3 (89.2) | 292.1 (85.6) | 279.2 (81.8) | | |
| | 25 (-3.9) | 317.4 (93) | 307.5 (90.1) | 297.6 (87.2) | 287.4 (84.2) | 276.7 (81.1) | 265.7 (77.9) | 253.9 (74.4) | | |
| | 20 (-6.7) | 288.3 (84.5) | 279.4 (81.9) | 270.5 (79.3) | 261.2 (76.6) | 251.8 (73.8) | 241.8 (70.9) | 231.2 (67.8) | | |
| | 15 (-9.4) | 261.2 (76.6) | 253.3 (74.2) | 245.4 (71.9) | 237.2 (69.5) | 228.8 (67.1) | 220.0 (64.5) | 210.6 (61.7) | | |
| | 10 (-12.2) | 235.6 (69.1) | 228.7 (67) | 221.8 (65) | 214.7 (62.9) | 207.4 (60.8) | 199.7 (58.5) | 191.6 (56.2) | | |
| | 5 (-15) | 210.7 (61.8) | 204.9 (60) | 199.0 (58.3) | 193.0 (56.6) | 186.9 (54.8) | 180.4 (52.9) | 173.5 (50.8) | | |
| 0 (-17.8) | 186.2 (54.6) | 181.2 (53.1) | 176.4 (51.7) | 171.6 (50.3) | 166.6 (48.8) | 161.3 (47.3) | 155.6 (45.6) | | | |
| KVS041M8-A Compressor Model 6DJNR40ME | 30 (-1.1) | 419.2 (122.8) | 405.1 (118.7) | 390.7 (114.5) | 376.0 (110.2) | 361.1 (105.8) | 345.9 (101.4) | 330.5 (96.9) | | |
| | 25 (-3.9) | 380.0 (111.4) | 367.7 (107.8) | 355.2 (104.1) | 342.3 (100.3) | 329.1 (96.4) | 315.7 (92.5) | 302.2 (88.6) | | |
| | 20 (-6.7) | 344.4 (100.9) | 333.6 (97.8) | 322.5 (94.5) | 310.9 (91.1) | 299.1 (87.7) | 287.1 (84.1) | 274.9 (80.6) | | |
| | 15 (-9.4) | 311.6 (91.3) | 301.8 (88.4) | 291.7 (85.5) | 281.2 (82.4) | 270.4 (79.2) | 259.4 (76) | 248.1 (72.7) | | |
| | 10 (-12.2) | 280.8 (82.3) | 271.6 (79.6) | 262.0 (76.8) | 252.1 (73.9) | 241.9 (70.9) | 231.4 (67.8) | 220.8 (64.7) | | |
| | 5 (-15) | 251.1 (73.6) | 242.0 (70.9) | 232.7 (68.2) | 222.9 (65.3) | 212.8 (62.4) | 202.5 (59.4) | 192.2 (56.3) | | |
| 0 (-17.8) | 221.6 (64.9) | 212.3 (62.2) | 202.8 (59.4) | 192.8 (56.5) | 182.5 (53.5) | 172.0 (50.4) | 161.3 (47.3) | | | |
| KVS051M8-A Compressor Model 6DUNR49ME | 30 (-1.1) | 488.4 (143.1) | 472.8 (138.6) | 457.4 (134) | 441.9 (129.5) | 426.4 (125) | 410.7 (120.4) | 394.6 (115.6) | | |
| | 25 (-3.9) | 444.5 (130.3) | 430.6 (126.2) | 416.6 (122.1) | 402.7 (118) | 388.4 (113.8) | 373.8 (109.5) | 358.9 (105.2) | | |
| | 20 (-6.7) | 403.0 (118.1) | 390.4 (114.4) | 377.8 (110.7) | 365.0 (107) | 351.8 (103.1) | 338.1 (99.1) | 323.9 (94.9) | | |
| | 15 (-9.4) | 363.7 (106.6) | 352.4 (103.3) | 340.7 (99.9) | 328.8 (96.3) | 316.4 (92.7) | 303.3 (88.9) | 289.8 (84.9) | | |
| | 10 (-12.2) | 326.7 (95.7) | 316.2 (92.7) | 305.2 (89.5) | 293.9 (86.1) | 282.0 (82.7) | 269.5 (79) | 256.3 (75.1) | | |
| | 5 (-15) | 291.7 (85.5) | 281.7 (82.6) | 271.3 (79.5) | 260.4 (76.3) | 248.7 (72.9) | 236.5 (69.3) | 223.2 (65.4) | | |
| 0 (-17.8) | 258.6 (75.8) | 249.1 (73) | 238.9 (70) | 228.1 (66.8) | 216.4 (63.4) | 203.9 (59.8) | 190.6 (55.9) | | | |

NOTES: - Above ratings are based on mean temperature. - To convert to dew point ratings, use 0.95 multiplier.

CAPACITY DATA - **R407A**

LOW TEMP. HIGH EFFICIENCY MODELS

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R407A AMBIENT TEMPERATURE °F (°C) | | | | | | | | | |
|---|-------------------------------|---------|--|--------|-------|--------|--------|--------|--------|------|--|--|
| | ° F | ° C | 85 | 90 | 95 | 100 | 105 | 110 | 115 | | | |
| | | | (29.4) | (32.2) | (35) | (37.8) | (40.6) | (43.3) | (46.1) | | | |
| KVS011L8-A Compressor Model 3DS3F46KE | 0 | (-17.8) | 82.1 | 79.1 | 75.9 | 72.8 | 69.5 | 66.2 | --- | --- | | |
| | -5 | (-20.6) | 72.8 | 69.8 | 67.0 | 63.9 | 60.9 | 57.9 | --- | --- | | |
| | -10 | (-23.3) | 64.2 | 61.4 | 58.8 | 56.0 | 53.1 | 50.3 | 47.4 | 13.9 | | |
| | -15 | (-26.1) | 56.3 | 53.8 | 51.2 | 48.7 | 46.1 | 43.4 | 40.6 | 11.9 | | |
| | -20 | (-28.9) | 49.0 | 46.7 | 44.4 | 42.0 | 39.6 | 37.1 | 34.7 | 10.2 | | |
| | -25 | (-31.7) | 42.3 | 40.1 | 38.0 | 35.8 | 33.6 | 31.3 | 29.0 | 8.5 | | |
| | -30 | (-34.4) | 36.0 | 34.0 | 32.0 | 29.9 | 27.9 | 25.9 | 23.8 | 7 | | |
| | -35 | (-37.2) | 29.9 | 28.0 | 26.3 | 24.5 | 22.6 | 20.8 | 18.9 | 5.5 | | |
| -40 | (-40) | 24.0 | 22.4 | 20.7 | 19.0 | 17.4 | 15.8 | 14.2 | 4.2 | | | |
| KVS016L8-A Compressor Model 4DHNF63KE | 0 | (-17.8) | 115.2 | 110.6 | 105.8 | 101.1 | 96.5 | 91.8 | 87.0 | 25.5 | | |
| | -5 | (-20.6) | 102.7 | 98.6 | 94.4 | 90.1 | 85.9 | 81.6 | 77.3 | 22.6 | | |
| | -10 | (-23.3) | 91.0 | 87.4 | 83.6 | 79.7 | 75.9 | 72.0 | 68.1 | 20 | | |
| | -15 | (-26.1) | 80.1 | 76.8 | 73.4 | 69.9 | 66.5 | 62.9 | 59.3 | 17.4 | | |
| | -20 | (-28.9) | 69.9 | 66.9 | 63.8 | 60.7 | 57.5 | 54.4 | 51.1 | 15 | | |
| | -25 | (-31.7) | 60.4 | 57.8 | 55.0 | 52.2 | 49.2 | 46.4 | 43.4 | 12.7 | | |
| | -30 | (-34.4) | 51.7 | 49.2 | 46.8 | 44.2 | 41.6 | 38.9 | 36.2 | 10.6 | | |
| | -35 | (-37.2) | 43.7 | 41.6 | 39.3 | 36.9 | 34.4 | 32.0 | 29.4 | 8.6 | | |
| -40 | (-40) | 36.5 | 34.5 | 32.4 | 30.2 | 27.9 | 25.6 | 23.2 | 6.8 | | | |
| KVS023L8-A Compressor Model 4DJNF76KE | 0 | (-17.8) | 143.9 | 138.3 | 132.6 | 126.8 | 121.0 | 115.0 | --- | --- | | |
| | -5 | (-20.6) | 127.3 | 122.1 | 116.8 | 111.4 | 105.9 | 100.4 | --- | --- | | |
| | -10 | (-23.3) | 111.8 | 107.1 | 102.2 | 97.2 | 92.2 | 87.0 | 81.8 | 24 | | |
| | -15 | (-26.1) | 97.7 | 93.3 | 88.8 | 84.4 | 79.8 | 75.1 | 70.2 | 20.6 | | |
| | -20 | (-28.9) | 84.7 | 80.9 | 76.9 | 72.9 | 68.7 | 64.5 | 60.2 | 17.6 | | |
| | -25 | (-31.7) | 73.1 | 69.7 | 66.3 | 62.7 | 59.1 | 55.3 | 51.6 | 15.1 | | |
| | -30 | (-34.4) | 62.9 | 60.1 | 57.0 | 54.1 | 50.9 | 47.7 | 44.4 | 13 | | |
| | -35 | (-37.2) | 54.2 | 51.8 | 49.4 | 46.9 | 44.3 | 41.7 | 38.9 | 11.4 | | |
| -40 | (-40) | 46.9 | 45.2 | 43.3 | 41.4 | 39.4 | 37.3 | 35.1 | 10.3 | | | |
| KVS028L8-A Compressor Model 6DHNF93KE | 0 | (-17.8) | 172.4 | 166.0 | 159.1 | 151.9 | 144.3 | 136.3 | --- | --- | | |
| | -5 | (-20.6) | 150.0 | 144.3 | 138.2 | 131.8 | 125.0 | 117.7 | --- | --- | | |
| | -10 | (-23.3) | 130.9 | 125.8 | 120.3 | 114.6 | 108.4 | 101.9 | 95.0 | 27.8 | | |
| | -15 | (-26.1) | 114.6 | 109.9 | 105.0 | 99.6 | 94.1 | 88.1 | 81.9 | 24 | | |
| | -20 | (-28.9) | 100.4 | 96.1 | 91.5 | 86.6 | 81.4 | 75.9 | 70.1 | 20.6 | | |
| | -25 | (-31.7) | 87.6 | 83.5 | 79.2 | 74.6 | 69.7 | 64.7 | 59.3 | 17.4 | | |
| | -30 | (-34.4) | 75.6 | 71.6 | 67.4 | 63.1 | 58.5 | 53.6 | 48.5 | 14.2 | | |
| | -35 | (-37.2) | 63.7 | 59.7 | 55.7 | 51.3 | 46.8 | 42.1 | 37.2 | 10.9 | | |
| -40 | (-40) | 51.3 | 47.3 | 43.1 | 38.7 | 34.2 | 29.5 | 24.8 | 7.3 | | | |
| KVS031L8-A Compressor Model 6DJNF11ME | 0 | (-17.8) | 200.7 | 192.9 | 184.9 | 176.7 | 168.2 | --- | --- | --- | | |
| | -5 | (-20.6) | 177.9 | 170.8 | 163.6 | 156.0 | 148.2 | 140.0 | --- | --- | | |
| | -10 | (-23.3) | 157.1 | 150.7 | 144.1 | 137.1 | 129.8 | 122.2 | --- | --- | | |
| | -15 | (-26.1) | 138.0 | 132.2 | 126.0 | 119.6 | 112.9 | 105.7 | --- | --- | | |
| | -20 | (-28.9) | 120.3 | 115.0 | 109.3 | 103.3 | 97.0 | 90.4 | 83.3 | 24.4 | | |
| | -25 | (-31.7) | 103.7 | 98.8 | 93.6 | 88.0 | 82.0 | 75.7 | 69.0 | 20.2 | | |
| | -30 | (-34.4) | 88.0 | 83.4 | 78.4 | 73.2 | 67.6 | 61.5 | 55.0 | 16.1 | | |
| | -35 | (-37.2) | 72.8 | 68.5 | 63.7 | 58.7 | 53.3 | 47.5 | 41.3 | 12.1 | | |
| -40 | (-40) | 57.9 | 53.7 | 49.1 | 44.3 | 39.1 | 33.3 | 27.2 | 8 | | | |
| KVS041L8-A Compressor Model 6DUNF13ME | 0 | (-17.8) | 230.7 | 222.8 | 214.9 | 206.9 | 198.8 | 190.6 | --- | --- | | |
| | -5 | (-20.6) | 207.2 | 199.9 | 192.7 | 185.3 | 177.8 | 170.0 | --- | --- | | |
| | -10 | (-23.3) | 184.3 | 177.7 | 170.9 | 164.0 | 156.9 | 149.5 | --- | --- | | |
| | -15 | (-26.1) | 162.1 | 156.0 | 149.7 | 143.3 | 136.6 | 129.5 | 122.1 | 35.8 | | |
| | -20 | (-28.9) | 141.1 | 135.5 | 129.6 | 123.5 | 117.0 | 110.1 | 102.9 | 30.2 | | |
| | -25 | (-31.7) | 121.5 | 116.1 | 110.6 | 104.7 | 98.5 | 91.8 | 84.6 | 24.8 | | |
| | -30 | (-34.4) | 103.5 | 98.5 | 93.1 | 87.4 | 81.2 | 74.6 | 67.5 | 19.8 | | |
| | -35 | (-37.2) | 87.6 | 82.6 | 77.4 | 71.6 | 65.5 | 58.9 | 51.7 | 15.1 | | |
| -40 | (-40) | 73.7 | 68.9 | 63.5 | 57.9 | 51.7 | 44.8 | 37.6 | 11 | | | |

NOTES: - Above ratings are based on mean temperature. - To convert to dew point ratings, use 0.95 multiplier.

CAPACITY DATA - R407A
LOW TEMP. HIGH EFFICIENCY MODELS
w/ 850RPM CONDENSER MOTOR(S)

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R407A AMBIENT TEMPERATURE °F (°C) | | | | | | | |
|-----------------------|-------------------------------|--------------|--|--------------|--------------|--------------|--------------|-------------|------------|---|
| | ° F | ° C | 85 (29.4) | 90 (32.2) | 95 (35) | 100 (37.8) | 105 (40.6) | 110 (43.3) | 115 (46.1) | |
| | KVS011D8-A | 0 (-17.8) | 80.8 (23.7) | 77.7 (22.8) | 74.6 (21.9) | 71.4 (20.9) | 68.1 (20) | 64.8 (19) | - | - |
| | -5 (-20.6) | 71.6 (21) | 68.7 (20.1) | 65.8 (19.3) | 62.8 (18.4) | 59.8 (17.5) | 56.7 (16.6) | - | - | |
| | -10 (-23.3) | 63.2 (18.5) | 60.5 (17.7) | 57.8 (16.9) | 55.0 (16.1) | 52.2 (15.3) | 49.3 (14.4) | - | - | |
| | -15 (-26.1) | 55.5 (16.3) | 53.0 (15.5) | 50.4 (14.8) | 47.8 (14) | 45.2 (13.2) | 42.6 (12.5) | 39.8 (11.7) | - | |
| Compressor Model | -20 (-28.9) | 48.3 (14.2) | 46.0 (13.5) | 43.7 (12.8) | 41.3 (12.1) | 38.9 (11.4) | 36.4 (10.7) | 33.9 (9.9) | - | |
| 3DS3F46KE | -25 (-31.7) | 41.7 (12.2) | 39.6 (11.6) | 37.4 (11) | 35.2 (10.3) | 33.0 (9.7) | 30.7 (9) | 28.5 (8.4) | - | |
| | -30 (-34.4) | 35.5 (10.4) | 33.5 (9.8) | 31.5 (9.2) | 29.5 (8.6) | 27.5 (8.1) | 25.4 (7.4) | 23.4 (6.9) | - | |
| | -35 (-37.2) | 29.5 (8.6) | 27.7 (8.1) | 25.9 (7.6) | 24.0 (7) | 22.2 (6.5) | 20.4 (6) | 18.5 (5.4) | - | |
| | -40 (-40) | 23.7 (6.9) | 22.0 (6.4) | 20.4 (6) | 18.8 (5.5) | 17.1 (5) | 15.5 (4.5) | 13.8 (4) | - | |
| KVS016D8-A | 0 (-17.8) | 113.8 (33.4) | 109.1 (32) | 104.5 (30.6) | 99.8 (29.2) | 95.1 (27.9) | 90.5 (26.5) | - | - | |
| | -5 (-20.6) | 101.6 (29.8) | 97.4 (28.5) | 93.2 (27.3) | 89.0 (26.1) | 84.8 (24.9) | 80.5 (23.6) | 76.3 (22.4) | - | |
| | -10 (-23.3) | 90.1 (26.4) | 86.4 (25.3) | 82.6 (24.2) | 78.8 (23.1) | 74.9 (22) | 71.1 (20.8) | 67.2 (19.7) | - | |
| | -15 (-26.1) | 79.3 (23.2) | 76.0 (22.3) | 72.6 (21.3) | 69.1 (20.3) | 65.7 (19.3) | 62.1 (18.2) | 58.6 (17.2) | - | |
| Compressor Model | -20 (-28.9) | 69.3 (20.3) | 66.3 (19.4) | 63.2 (18.5) | 60.1 (17.6) | 56.9 (16.7) | 53.7 (15.7) | 50.5 (14.8) | - | |
| 4DHNF63KE | -25 (-31.7) | 59.9 (17.6) | 57.2 (16.8) | 54.5 (16) | 51.6 (15.1) | 48.8 (14.3) | 45.8 (13.4) | 42.9 (12.6) | - | |
| | -30 (-34.4) | 51.3 (15) | 48.9 (14.3) | 46.4 (13.6) | 43.8 (12.8) | 41.1 (12) | 38.5 (11.3) | 35.7 (10.5) | - | |
| | -35 (-37.2) | 43.4 (12.7) | 41.2 (12.1) | 38.9 (11.4) | 36.5 (10.7) | 34.1 (10) | 31.6 (9.3) | 29.1 (8.5) | - | |
| | -40 (-40) | 36.2 (10.6) | 34.2 (10) | 32.1 (9.4) | 29.9 (8.8) | 27.6 (8.1) | 25.3 (7.4) | 22.9 (6.7) | - | |
| KVS023D8-A | 0 (-17.8) | 141.9 (41.6) | 136.3 (39.9) | 130.6 (38.3) | 124.8 (36.6) | 118.9 (34.8) | 113.0 (33.1) | - | - | |
| | -5 (-20.6) | 125.6 (36.8) | 120.4 (35.3) | 115.1 (33.7) | 109.7 (32.1) | 104.3 (30.6) | 98.7 (28.9) | - | - | |
| | -10 (-23.3) | 110.4 (32.4) | 105.6 (30.9) | 100.8 (29.5) | 95.8 (28.1) | 90.8 (26.6) | 85.7 (25.1) | - | - | |
| | -15 (-26.1) | 96.5 (28.3) | 92.1 (27) | 87.7 (25.7) | 83.2 (24.4) | 78.6 (23) | 73.9 (21.7) | 69.1 (20.3) | - | |
| Compressor Model | -20 (-28.9) | 83.8 (24.6) | 79.9 (23.4) | 75.9 (22.2) | 71.9 (21.1) | 67.8 (19.9) | 63.5 (18.6) | 59.2 (17.3) | - | |
| 4DJNF76KE | -25 (-31.7) | 72.4 (21.2) | 69.0 (20.2) | 65.5 (19.2) | 61.9 (18.1) | 58.3 (17.1) | 54.6 (16) | 50.8 (14.9) | - | |
| | -30 (-34.4) | 62.3 (18.3) | 59.4 (17.4) | 56.5 (16.6) | 53.4 (15.6) | 50.3 (14.7) | 47.1 (13.8) | 43.8 (12.8) | - | |
| | -35 (-37.2) | 53.7 (15.7) | 51.4 (15.1) | 48.9 (14.3) | 46.5 (13.6) | 43.9 (12.9) | 41.2 (12.1) | 38.4 (11.3) | - | |
| | -40 (-40) | 46.6 (13.7) | 44.8 (13.1) | 43.0 (12.6) | 41.0 (12) | 39.0 (11.4) | 36.9 (10.8) | 34.7 (10.2) | - | |
| KVS028D8-A | 0 (-17.8) | 169.4 (49.6) | 162.8 (47.7) | 155.9 (45.7) | 148.6 (43.6) | 140.8 (41.3) | - | - | - | |
| | -5 (-20.6) | 147.6 (43.3) | 141.8 (41.6) | 135.6 (39.7) | 129.0 (37.8) | 122.1 (35.8) | 114.8 (33.6) | - | - | |
| | -10 (-23.3) | 129.0 (37.8) | 123.8 (36.3) | 118.2 (34.6) | 112.3 (32.9) | 106.1 (31.1) | 99.5 (29.2) | - | - | |
| | -15 (-26.1) | 113.0 (33.1) | 108.3 (31.7) | 103.2 (30.2) | 97.9 (28.7) | 92.2 (27) | 86.2 (25.3) | 79.9 (23.4) | - | |
| Compressor Model | -20 (-28.9) | 99.0 (29) | 94.6 (27.7) | 90.0 (26.4) | 85.1 (24.9) | 79.8 (23.4) | 74.3 (21.8) | 68.5 (20.1) | - | |
| 6DHNF93KE | -25 (-31.7) | 86.4 (25.3) | 82.3 (24.1) | 77.9 (22.8) | 73.3 (21.5) | 68.4 (20) | 63.3 (18.6) | 57.9 (17) | - | |
| | -30 (-34.4) | 74.6 (21.9) | 70.6 (20.7) | 66.4 (19.5) | 61.9 (18.1) | 57.3 (16.8) | 52.4 (15.4) | 47.3 (13.9) | - | |
| | -35 (-37.2) | 62.8 (18.4) | 58.8 (17.2) | 54.7 (16) | 50.3 (14.7) | 45.8 (13.4) | 41.1 (12) | 36.2 (10.6) | - | |
| | -40 (-40) | 50.5 (14.8) | 46.4 (13.6) | 42.2 (12.4) | 37.9 (11.1) | 33.4 (9.8) | 28.8 (8.4) | 24.0 (7) | - | |
| KVS031D8-A | 0 (-17.8) | 196.4 (57.6) | 188.6 (55.3) | 180.6 (52.9) | 172.3 (50.5) | 163.7 (48) | - | - | - | |
| | -5 (-20.6) | 174.4 (51.1) | 167.3 (49) | 160.0 (46.9) | 152.4 (44.7) | 144.5 (42.3) | - | - | - | |
| | -10 (-23.3) | 154.2 (45.2) | 147.8 (43.3) | 141.0 (41.3) | 134.0 (39.3) | 126.7 (37.1) | 119.0 (34.9) | - | - | |
| | -15 (-26.1) | 135.6 (39.7) | 129.7 (38) | 123.5 (36.2) | 117.1 (34.3) | 110.2 (32.3) | 103.1 (30.2) | - | - | |
| Compressor Model | -20 (-28.9) | 118.3 (34.7) | 112.9 (33.1) | 107.2 (31.4) | 101.2 (29.7) | 94.8 (27.8) | 88.1 (25.8) | - | - | |
| 6DJNF11ME | -25 (-31.7) | 102.1 (29.9) | 97.1 (28.5) | 91.8 (26.9) | 86.1 (25.2) | 80.1 (23.5) | 73.8 (21.6) | 67.0 (19.6) | - | |
| | -30 (-34.4) | 86.6 (25.4) | 81.9 (24) | 77.0 (22.6) | 71.7 (21) | 66.0 (19.3) | 59.9 (17.6) | 53.3 (15.6) | - | |
| | -35 (-37.2) | 71.6 (21) | 67.2 (19.7) | 62.5 (18.3) | 57.4 (16.8) | 52.0 (15.2) | 46.1 (13.5) | 39.8 (11.7) | - | |
| | -40 (-40) | 56.8 (16.6) | 52.6 (15.4) | 48.1 (14.1) | 43.2 (12.7) | 37.9 (11.1) | 32.1 (9.4) | 25.9 (7.6) | - | |

NOTES: - Above ratings are based on mean temperature. - To convert to dew point ratings, use 0.95 multiplier.

CAPACITY DATA - R448A R449A
HIGH TEMP. HIGH EFFICIENCY MODELS

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R448A R449A | | | | | | AMBIENT TEMPERATURE °F (°C) | | |
|---------------------------------------|-------------------------------|----|-------------------------------|---------------|---------------|---------------|---------------|---------------|-----------------------------|--|--|
| | °F | °C | 85 (29.4) | 90 (32.2) | 95 (35.0) | 100 (37.8) | 105 (40.6) | 110 (43.3) | 115 (46.1) | | |
| KVS016H8-A Compressor 3DS3R17ME | 45 (7.2) | | 230.6 (67.6) | 222.0 (65.1) | 213.3 (62.5) | 204.8 (60) | 196.2 (57.5) | 187.7 (55) | 179.4 (52.6) | | |
| | 40 (4.4) | | 211.6 (62) | 203.8 (59.7) | 196.0 (57.4) | 188.3 (55.2) | 180.6 (52.9) | 173.0 (50.7) | 165.5 (48.5) | | |
| | 35 (1.7) | | 193.2 (56.6) | 186.3 (54.6) | 179.3 (52.5) | 172.4 (50.5) | 165.5 (48.5) | 158.7 (46.5) | 151.9 (44.5) | | |
| KVS021H8-A Compressor 4DANR18ME | 45 (7.2) | | 256.4 (75.1) | 247.1 (72.4) | 237.6 (69.6) | 227.6 (66.7) | 217.3 (63.7) | 206.6 (60.6) | 195.6 (57.3) | | |
| | 40 (4.4) | | 233.8 (68.5) | 225.4 (66.1) | 216.7 (63.5) | 207.7 (60.9) | 198.4 (58.1) | 188.7 (55.3) | 178.6 (52.3) | | |
| | 35 (1.7) | | 212.6 (62.3) | 205.0 (60.1) | 197.1 (57.8) | 189.0 (55.4) | 180.6 (52.9) | 171.9 (50.4) | 162.8 (47.7) | | |
| KVS023H8-A Compressor 4DBNR20ME | 45 (7.2) | | 290.5 (85.1) | 280.2 (82.1) | 270.0 (79.1) | 259.6 (76.1) | 249.1 (73) | 238.7 (70) | --- | | |
| | 40 (4.4) | | 265.2 (77.7) | 255.9 (75) | 246.4 (72.2) | 236.9 (69.4) | 227.3 (66.6) | 217.7 (63.8) | --- | | |
| | 35 (1.7) | | 241.5 (70.8) | 232.9 (68.3) | 224.3 (65.7) | 215.6 (63.2) | 206.9 (60.6) | 198.0 (58) | 189.2 (55.4) | | |
| KVS026H8-A Compressor 4DHNR22ME | 45 (7.2) | | 327.5 (96) | 316.1 (92.6) | 304.6 (89.3) | 293.1 (85.9) | 281.4 (82.5) | 269.7 (79) | 258.0 (75.6) | | |
| | 40 (4.4) | | 298.5 (87.5) | 288.0 (84.4) | 277.5 (81.3) | 266.9 (78.2) | 256.3 (75.1) | 245.6 (72) | 234.9 (68.8) | | |
| | 35 (1.7) | | 271.3 (79.5) | 261.8 (76.7) | 252.2 (73.9) | 242.6 (71.1) | 232.9 (68.3) | 223.1 (65.4) | 213.3 (62.5) | | |
| KVS031H8-A Compressor 4DJNR28ME | 45 (7.2) | | 379.3 (111.2) | 366.6 (107.4) | 353.4 (103.6) | 339.9 (99.6) | 325.8 (95.5) | 311.3 (91.2) | 296.4 (86.9) | | |
| | 40 (4.4) | | 348.6 (102.2) | 336.8 (98.7) | 324.8 (95.2) | 312.3 (91.5) | 299.3 (87.7) | 285.9 (83.8) | 272.2 (79.8) | | |
| | 35 (1.7) | | 319.2 (93.5) | 308.4 (90.4) | 297.4 (87.2) | 285.8 (83.8) | 273.8 (80.2) | 261.6 (76.7) | 249.0 (73) | | |
| KVS036H8-A Compressor 6DHNR35ME | 45 (7.2) | | 465.2 (136.3) | 449.4 (131.7) | 433.8 (127.1) | 418.1 (122.5) | 402.6 (118) | 387.0 (113.4) | 371.5 (108.9) | | |
| | 40 (4.4) | | 428.3 (125.5) | 414.2 (121.4) | 400.2 (117.3) | 386.1 (113.2) | 372.0 (109) | 358.1 (104.9) | 344.0 (100.8) | | |
| | 35 (1.7) | | 392.4 (115) | 379.8 (111.3) | 367.2 (107.6) | 354.6 (103.9) | 342.0 (100.2) | 329.4 (96.5) | 316.8 (92.8) | | |
| KVS041H8-A Compressor 6DJNR40ME | 45 (7.2) | | 551.1 (161.5) | 532.5 (156.1) | 513.8 (150.6) | 495.2 (145.1) | 476.7 (139.7) | 458.1 (134.3) | 439.6 (128.8) | | |
| | 40 (4.4) | | 507.8 (148.8) | 491.0 (143.9) | 474.2 (139) | 457.4 (134.1) | 440.7 (129.2) | 424.0 (124.3) | 407.3 (119.4) | | |
| | 35 (1.7) | | 465.4 (136.4) | 450.2 (131.9) | 435.2 (127.5) | 420.2 (123.1) | 405.2 (118.8) | 390.2 (114.4) | 375.1 (109.9) | | |

NOTES: - Above ratings are based on mean temperature. - To convert to dew point ratings, use 0.95 multiplier.

CAPACITY DATA - R448A R449A

MEDIUM TEMP. HIGH EFFICIENCY MODELS

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R448A R449A AMBIENT TEMPERATURE °F (°C) | | | | | | | |
|---|-------------------------------|--------------|---|---------------|---------------|---------------|---------------|---------------|---------------|--|
| | ° F | ° C | 85 (29.4) | 90 (32.2) | 95 (35.0) | 100 (37.8) | 105 (40.6) | 110 (43.3) | 115 (46.1) | |
| KVS016M8-A Compressor Model 3DS3R17ME | 30 (-1.1) | | 175.8 (51.5) | 169.6 (49.7) | 163.4 (47.9) | 157.2 (46.1) | 151.0 (44.3) | 144.9 (42.5) | 138.8 (40.7) | |
| | 25 (-3.9) | | 159.1 (46.6) | 153.6 (45) | 148.1 (43.4) | 142.5 (41.8) | 137.0 (40.2) | 131.5 (38.5) | 126.1 (37) | |
| | 20 (-6.7) | | 143.4 (42) | 138.5 (40.6) | 133.6 (39.1) | 128.5 (37.7) | 123.6 (36.2) | 118.7 (34.8) | 113.7 (33.3) | |
| | 15 (-9.4) | | 128.6 (37.7) | 124.2 (36.4) | 119.8 (35.1) | 115.3 (33.8) | 110.8 (32.5) | 106.4 (31.2) | 101.9 (29.8) | |
| | 10 (-12.2) | | 114.8 (33.6) | 110.9 (32.5) | 106.9 (31.3) | 102.8 (30.1) | 98.7 (28.9) | 94.6 (27.7) | 90.4 (26.5) | |
| | 5 (-15) | | 102.1 (29.9) | 98.4 (28.8) | 94.7 (27.8) | 91.0 (26.7) | 87.2 (25.5) | 83.4 (24.4) | 79.5 (23.3) | |
| 0 (-17.8) | | 90.3 (26.5) | 86.9 (25.5) | 83.5 (24.5) | 80.0 (23.4) | 76.4 (22.4) | 72.8 (21.3) | 69.1 (20.2) | | |
| KVS021M8-A Compressor Model 4DANR18ME | 30 (-1.1) | | 192.6 (56.4) | 185.8 (54.5) | 178.8 (52.4) | 171.5 (50.3) | 163.9 (48) | 156.1 (45.8) | 148.0 (43.4) | |
| | 25 (-3.9) | | 174.0 (51) | 167.9 (49.2) | 161.6 (47.4) | 155.1 (45.5) | 148.4 (43.5) | 141.4 (41.4) | 134.1 (39.3) | |
| | 20 (-6.7) | | 156.5 (45.9) | 151.1 (44.3) | 145.5 (42.6) | 139.7 (40.9) | 133.8 (39.2) | 127.6 (37.4) | 121.2 (35.5) | |
| | 15 (-9.4) | | 140.2 (41.1) | 135.3 (39.7) | 130.4 (38.2) | 125.3 (36.7) | 120.1 (35.2) | 114.7 (33.6) | 109.1 (32) | |
| | 10 (-12.2) | | 124.9 (36.6) | 120.6 (35.3) | 116.2 (34.1) | 111.7 (32.7) | 107.2 (31.4) | 102.5 (30) | 97.7 (28.6) | |
| | 5 (-15) | | 110.6 (32.4) | 106.7 (31.3) | 102.9 (30.2) | 99.0 (29) | 95.1 (27.9) | 91.1 (26.7) | 86.9 (25.5) | |
| 0 (-17.8) | | 97.1 (28.5) | 93.7 (27.5) | 90.3 (26.5) | 87.0 (25.5) | 83.6 (24.5) | 80.2 (23.5) | 76.7 (22.5) | | |
| KVS023M8-A Compressor Model 4DBNR20ME | 30 (-1.1) | | 219.2 (64.3) | 211.5 (62) | 203.6 (59.7) | 195.6 (57.3) | 187.7 (55) | 179.7 (52.7) | 171.6 (50.3) | |
| | 25 (-3.9) | | 198.3 (58.1) | 191.3 (56.1) | 184.2 (54) | 177.0 (51.9) | 169.8 (49.8) | 162.5 (47.6) | 155.1 (45.5) | |
| | 20 (-6.7) | | 178.9 (52.4) | 172.6 (50.6) | 166.2 (48.7) | 159.7 (46.8) | 153.1 (44.9) | 146.5 (42.9) | 139.8 (41) | |
| | 15 (-9.4) | | 160.8 (47.1) | 155.1 (45.5) | 149.3 (43.8) | 143.5 (42.1) | 137.6 (40.3) | 131.6 (38.6) | 125.5 (36.8) | |
| | 10 (-12.2) | | 144.0 (42.2) | 138.9 (40.7) | 133.7 (39.2) | 128.4 (37.6) | 123.2 (36.1) | 117.7 (34.5) | 112.2 (32.9) | |
| | 5 (-15) | | 128.3 (37.6) | 123.8 (36.3) | 119.2 (34.9) | 114.5 (33.5) | 109.6 (32.1) | 104.8 (30.7) | 99.8 (29.2) | |
| 0 (-17.8) | | 113.8 (33.4) | 109.7 (32.2) | 105.6 (31) | 101.4 (29.7) | 97.0 (28.4) | 92.6 (27.1) | 88.1 (25.8) | | |
| KVS026M8-A Compressor Model 4DHNR22ME | 30 (-1.1) | | 245.8 (72) | 237.2 (69.5) | 228.6 (67) | 219.8 (64.4) | 210.9 (61.8) | 202.0 (59.2) | 193.1 (56.6) | |
| | 25 (-3.9) | | 222.1 (65.1) | 214.3 (62.8) | 206.5 (60.5) | 198.6 (58.2) | 190.6 (55.9) | 182.5 (53.5) | 174.4 (51.1) | |
| | 20 (-6.7) | | 200.0 (58.6) | 193.1 (56.6) | 186.1 (54.5) | 178.8 (52.4) | 171.7 (50.3) | 164.3 (48.2) | 157.0 (46) | |
| | 15 (-9.4) | | 179.6 (52.6) | 173.4 (50.8) | 167.0 (48.9) | 160.5 (47.1) | 154.0 (45.1) | 147.4 (43.2) | 140.7 (41.2) | |
| | 10 (-12.2) | | 160.5 (47.1) | 155.0 (45.4) | 149.3 (43.8) | 143.5 (42.1) | 137.7 (40.3) | 131.7 (38.6) | 125.7 (36.8) | |
| | 5 (-15) | | 143.0 (41.9) | 138.0 (40.4) | 132.9 (39) | 127.8 (37.4) | 122.4 (35.9) | 117.1 (34.3) | 111.6 (32.7) | |
| 0 (-17.8) | | 126.7 (37.1) | 122.2 (35.8) | 117.7 (34.5) | 113.1 (33.1) | 108.4 (31.8) | 103.4 (30.3) | 98.5 (28.9) | | |
| KVS031M8-A Compressor Model 4DJNR28ME | 30 (-1.1) | | 291.1 (85.3) | 281.3 (82.4) | 271.1 (79.5) | 260.5 (76.3) | 249.6 (73.1) | 238.4 (69.9) | 226.7 (66.4) | |
| | 25 (-3.9) | | 264.3 (77.5) | 255.4 (74.8) | 246.0 (72.1) | 236.4 (69.3) | 226.4 (66.3) | 216.2 (63.4) | 205.6 (60.3) | |
| | 20 (-6.7) | | 238.8 (70) | 230.6 (67.6) | 222.1 (65.1) | 213.4 (62.5) | 204.3 (59.9) | 195.0 (57.1) | 185.3 (54.3) | |
| | 15 (-9.4) | | 214.5 (62.9) | 207.1 (60.7) | 199.4 (58.4) | 191.4 (56.1) | 183.2 (53.7) | 174.7 (51.2) | 166.0 (48.7) | |
| | 10 (-12.2) | | 191.4 (56.1) | 184.7 (54.1) | 177.7 (52.1) | 170.5 (50) | 163.1 (47.8) | 155.5 (45.6) | 147.6 (43.3) | |
| | 5 (-15) | | 169.5 (49.7) | 163.4 (47.9) | 157.1 (46) | 150.6 (44.1) | 144.0 (42.2) | 137.1 (40.2) | 130.1 (38.1) | |
| 0 (-17.8) | | 148.7 (43.6) | 143.1 (41.9) | 137.4 (40.3) | 131.7 (38.6) | 125.7 (36.8) | 119.6 (35) | 113.4 (33.2) | | |
| KVS036M8-A Compressor Model 6DHNR35ME | 30 (-1.1) | | 357.6 (104.8) | 346.3 (101.5) | 335.1 (98.2) | 323.8 (94.9) | 312.6 (91.6) | 301.2 (88.3) | 289.9 (85) | |
| | 25 (-3.9) | | 324.1 (95) | 314.2 (92.1) | 304.1 (89.1) | 294.0 (86.2) | 283.9 (83.2) | 273.7 (80.2) | 263.6 (77.2) | |
| | 20 (-6.7) | | 292.2 (85.6) | 283.3 (83) | 274.4 (80.4) | 265.3 (77.8) | 256.3 (75.1) | 247.2 (72.4) | 238.0 (69.8) | |
| | 15 (-9.4) | | 262.0 (76.8) | 254.0 (74.4) | 246.0 (72.1) | 238.0 (69.8) | 230.0 (67.4) | 221.8 (65) | 213.4 (62.5) | |
| | 10 (-12.2) | | 233.7 (68.5) | 226.6 (66.4) | 219.5 (64.3) | 212.2 (62.2) | 205.0 (60.1) | 197.5 (57.9) | 189.9 (55.7) | |
| | 5 (-15) | | 207.6 (60.8) | 201.2 (59) | 194.7 (57.1) | 188.2 (55.1) | 181.4 (53.2) | 174.7 (51.2) | 167.7 (49.1) | |
| 0 (-17.8) | | 183.9 (53.9) | 178.0 (52.2) | 172.0 (50.4) | 166.0 (48.7) | 159.8 (46.8) | 153.5 (45) | 147.0 (43.1) | | |
| KVS041M8-A Compressor Model 6DJNR40ME | 30 (-1.1) | | 424.2 (124.3) | 410.7 (120.4) | 397.2 (116.4) | 383.8 (112.5) | 370.3 (108.5) | 356.9 (104.6) | 343.4 (100.6) | |
| | 25 (-3.9) | | 384.4 (112.7) | 372.4 (109.1) | 360.5 (105.6) | 348.4 (102.1) | 336.4 (98.6) | 324.3 (95.1) | 312.3 (91.5) | |
| | 20 (-6.7) | | 346.5 (101.5) | 335.8 (98.4) | 325.1 (95.3) | 314.5 (92.2) | 303.7 (89) | 292.8 (85.8) | 282.0 (82.7) | |
| | 15 (-9.4) | | 310.6 (91) | 301.0 (88.2) | 291.6 (85.5) | 282.0 (82.7) | 272.4 (79.8) | 262.7 (77) | 252.8 (74.1) | |
| | 10 (-12.2) | | 277.0 (81.2) | 268.5 (78.7) | 260.0 (76.2) | 251.4 (73.7) | 242.8 (71.1) | 234.0 (68.6) | 225.1 (66) | |
| | 5 (-15) | | 245.9 (72.1) | 238.4 (69.9) | 230.7 (67.6) | 222.9 (65.3) | 215.0 (63) | 207.1 (60.7) | 199.0 (58.3) | |
| 0 (-17.8) | | 217.8 (63.8) | 210.8 (61.8) | 203.8 (59.7) | 196.8 (57.7) | 189.5 (55.5) | 182.2 (53.4) | 174.7 (51.2) | | |
| KVS051M8-A Compressor Model 6DUNR49ME | 30 (-1.1) | | 498.9 (146.2) | 483.0 (141.6) | 467.1 (136.9) | 451.3 (132.3) | 435.3 (127.6) | 419.3 (122.9) | 403.1 (118.1) | |
| | 25 (-3.9) | | 453.3 (132.8) | 439.1 (128.7) | 424.9 (124.5) | 410.8 (120.4) | 396.4 (116.2) | 382.0 (111.9) | 367.3 (107.6) | |
| | 20 (-6.7) | | 409.6 (120) | 397.0 (116.4) | 384.3 (112.6) | 371.5 (108.9) | 358.6 (105.1) | 345.6 (101.3) | 332.3 (97.4) | |
| | 15 (-9.4) | | 368.0 (107.9) | 356.8 (104.6) | 345.5 (101.2) | 333.9 (97.9) | 322.2 (94.4) | 310.4 (91) | 298.3 (87.4) | |
| | 10 (-12.2) | | 329.0 (96.4) | 318.9 (93.5) | 308.6 (90.4) | 298.2 (87.4) | 287.6 (84.3) | 276.8 (81.1) | 265.7 (77.9) | |
| | 5 (-15) | | 292.6 (85.8) | 283.5 (83.1) | 274.2 (80.3) | 264.6 (77.5) | 254.8 (74.7) | 244.9 (71.8) | 234.5 (68.7) | |
| 0 (-17.8) | | 259.4 (76) | 251.0 (73.5) | 242.2 (71) | 233.4 (68.4) | 224.3 (65.7) | 214.9 (63) | 205.2 (60.1) | | |

NOTES: - Above ratings are based on mean temperature. - To convert to dew point ratings, use 0.95 multiplier.

CAPACITY DATA - **R448A** **R449A**

LOW TEMP. HIGH EFFICIENCY MODELS

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R448A R449A AMBIENT TEMPERATURE °F (°C) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--------------|---|--------------|--------------|--------------|--------------|--------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|--------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | ° F | ° C | 85 | (29.4) | 90 | (32.2) | 95 | (35) | 100 | (37.8) | 105 | (40.6) | 110 | (43.3) | 115 | (46.1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | KVS011L8-A Compressor Model 3DS3F46KE | -5 (-20.6) | 77.1 (22.6) | 73.9 (21.7) | 70.7 (20.7) | 67.4 (19.8) | 64.2 (18.8) | 60.8 (17.8) | 57.4 (16.8) | -10 (-23.3) | 67.5 (19.8) | 64.7 (19) | 61.7 (18.1) | 58.8 (17.2) | 55.8 (16.3) | 52.7 (15.4) | 49.6 (14.5) | -15 (-26.1) | 59.0 (17.3) | 56.4 (16.5) | 53.7 (15.7) | 50.9 (14.9) | 48.1 (14.1) | 45.3 (13.3) | 42.3 (12.4) | -20 (-28.9) | 51.2 (15) | 48.8 (14.3) | 46.3 (13.6) | 43.8 (12.8) | 41.1 (12) | 38.4 (11.3) | 35.7 (10.5) | -25 (-31.7) | 44.3 (13) | 42.0 (12.3) | 39.7 (11.6) | 37.2 (10.9) | 34.8 (10.2) | 32.2 (9.4) | 29.6 (8.7) | -30 (-34.4) | 38.0 (11.1) | 35.8 (10.5) | 33.6 (9.8) | 31.3 (9.2) | 28.9 (8.5) | 26.5 (7.8) | 24.0 (7) | -35 (-37.2) | 32.2 (9.4) | 30.1 (8.8) | 27.9 (8.2) | 25.7 (7.5) | 23.4 (6.9) | 21.1 (6.2) | 18.7 (5.5) | -40 (-40) | 26.9 (7.9) | 24.9 (7.3) | 22.8 (6.7) | 20.6 (6) | 18.4 (5.4) | 16.1 (4.7) |
| KVS016L8-A Compressor Model 4DHNF63KE | -5 (-20.6) | 105.6 (31) | 101.4 (29.7) | 97.2 (28.5) | 93.0 (27.3) | 88.7 (26) | 84.4 (24.7) | 80.1 (23.5) | -10 (-23.3) | 93.9 (27.5) | 90.1 (26.4) | 86.3 (25.3) | 82.4 (24.2) | 78.4 (23) | 74.6 (21.8) | 70.7 (20.7) | -15 (-26.1) | 83.0 (24.3) | 79.5 (23.3) | 76.0 (22.3) | 72.5 (21.2) | 68.9 (20.2) | 65.2 (19.1) | 61.6 (18.1) | -20 (-28.9) | 72.8 (21.3) | 69.6 (20.4) | 66.5 (19.5) | 63.1 (18.5) | 59.7 (17.5) | 56.4 (16.5) | 53.0 (15.5) | -25 (-31.7) | 63.2 (18.5) | 60.4 (17.7) | 57.3 (16.8) | 54.3 (15.9) | 51.1 (15) | 47.9 (14) | 44.7 (13.1) | -30 (-34.4) | 54.4 (15.9) | 51.7 (15.1) | 48.7 (14.3) | 45.8 (13.4) | 42.8 (12.6) | 39.7 (11.6) | 36.6 (10.7) | -35 (-37.2) | 46.0 (13.5) | 43.3 (12.7) | 40.5 (11.9) | 37.7 (11) | 34.8 (10.2) | 31.7 (9.3) | 28.7 (8.4) | -40 (-40) | 37.9 (11.1) | 35.4 (10.4) | 32.7 (9.6) | 29.8 (8.7) | 26.9 (7.9) | 23.8 (7) | 20.8 (6.1) |
| KVS023L8-A Compressor Model 4DJNF76KE | -5 (-20.6) | 130.2 (38.2) | 125.1 (36.6) | 119.7 (35.1) | 114.5 (33.5) | 109.0 (31.9) | 103.5 (30.3) | 98.1 (28.7) | -10 (-23.3) | 115.0 (33.7) | 110.1 (32.3) | 105.2 (30.8) | 100.3 (29.4) | 95.2 (27.9) | 90.1 (26.4) | 84.9 (24.9) | -15 (-26.1) | 101.1 (29.6) | 96.7 (28.3) | 92.1 (27) | 87.5 (25.6) | 82.7 (24.2) | 78.0 (22.9) | 73.2 (21.4) | -20 (-28.9) | 88.6 (26) | 84.4 (24.7) | 80.2 (23.5) | 75.8 (22.2) | 71.4 (20.9) | 66.9 (19.6) | 62.4 (18.3) | -25 (-31.7) | 77.0 (22.6) | 73.1 (21.4) | 69.1 (20.2) | 65.0 (19) | 60.9 (17.8) | 56.6 (16.6) | 52.3 (15.3) | -30 (-34.4) | 66.2 (19.4) | 62.5 (18.3) | 58.7 (17.2) | 54.8 (16.1) | 50.8 (14.9) | 46.8 (13.7) | 42.6 (12.5) | -35 (-37.2) | 55.7 (16.3) | 52.3 (15.3) | 48.7 (14.3) | 44.9 (13.2) | 41.2 (12.1) | 37.3 (10.9) | 33.3 (9.8) | -40 (-40) | 45.4 (13.3) | 42.1 (12.3) | 38.7 (11.4) | 35.2 (10.3) | 31.5 (9.2) | 27.8 (8.2) | 23.9 (7) |
| KVS028L8-A Compressor Model 6DHNF93KE | -5 (-20.6) | 155.8 (45.7) | 150.0 (44) | 144.0 (42.2) | 137.6 (40.3) | 130.9 (38.4) | 124.0 (36.3) | 116.7 (34.2) | -10 (-23.3) | 137.4 (40.3) | 132.1 (38.7) | 126.5 (37.1) | 120.6 (35.4) | 114.6 (33.6) | 108.0 (31.7) | 101.2 (29.7) | -15 (-26.1) | 120.6 (35.4) | 115.7 (33.9) | 110.6 (32.4) | 105.2 (30.8) | 99.4 (29.1) | 93.3 (27.4) | 87.0 (25.5) | -20 (-28.9) | 105.1 (30.8) | 100.7 (29.5) | 95.9 (28.1) | 90.8 (26.6) | 85.5 (25) | 79.8 (23.4) | 73.7 (21.6) | -25 (-31.7) | 90.9 (26.6) | 86.7 (25.4) | 82.3 (24.1) | 77.5 (22.7) | 72.5 (21.2) | 67.1 (19.7) | 61.3 (18) | -30 (-34.4) | 77.7 (22.8) | 73.7 (21.6) | 69.5 (20.4) | 65.0 (19) | 60.2 (17.6) | 55.0 (16.1) | 49.6 (14.5) | -35 (-37.2) | 65.3 (19.1) | 61.5 (18) | 57.5 (16.9) | 53.1 (15.6) | 48.5 (14.2) | 43.5 (12.7) | 38.1 (11.2) | -40 (-40) | 53.6 (15.7) | 49.9 (14.6) | 46.0 (13.5) | 41.8 (12.2) | 37.2 (10.9) | 32.2 (9.4) | 27.0 (7.9) |
| KVS031L8-A Compressor Model 6DJNF11ME | -5 (-20.6) | 183.9 (53.9) | 176.7 (51.8) | 169.3 (49.6) | 161.6 (47.4) | 153.4 (45) | 145.0 (42.5) | 136.2 (39.9) | -10 (-23.3) | 162.4 (47.6) | 155.9 (45.7) | 149.1 (43.7) | 142.0 (41.6) | 134.4 (39.4) | 126.5 (37.1) | 118.2 (34.6) | -15 (-26.1) | 142.8 (41.9) | 136.7 (40.1) | 130.4 (38.2) | 123.8 (36.3) | 116.8 (34.2) | 109.4 (32.1) | 101.6 (29.8) | -20 (-28.9) | 124.6 (36.5) | 119.1 (34.9) | 113.2 (33.2) | 107.0 (31.4) | 100.4 (29.4) | 93.5 (27.4) | 86.1 (25.2) | -25 (-31.7) | 107.8 (31.6) | 102.7 (30.1) | 97.1 (28.5) | 91.2 (26.7) | 85.1 (24.9) | 78.4 (23) | 71.4 (20.9) | -30 (-34.4) | 92.1 (27) | 87.3 (25.6) | 82.0 (24) | 76.4 (22.4) | 70.5 (20.6) | 64.1 (18.8) | 57.3 (16.8) | -35 (-37.2) | 77.2 (22.6) | 72.6 (21.3) | 67.5 (19.8) | 62.2 (18.2) | 56.4 (16.5) | 50.2 (14.7) | 43.6 (12.8) | -40 (-40) | 62.9 (18.4) | 58.4 (17.1) | 53.4 (15.7) | 48.2 (14.1) | 42.5 (12.5) | 36.4 (10.7) | 29.9 (8.8) |
| KVS041L8-A Compressor Model 6DUNF13ME | -5 (-20.6) | 214.3 (62.8) | 207.1 (60.7) | 199.6 (58.5) | 192.2 (56.3) | 184.4 (54) | 176.3 (51.7) | 168.0 (49.2) | -10 (-23.3) | 190.6 (55.9) | 183.9 (53.9) | 177.0 (51.9) | 170.0 (49.8) | 162.6 (47.7) | 155.0 (45.4) | 147.0 (43.1) | -15 (-26.1) | 167.8 (49.2) | 161.6 (47.4) | 155.1 (45.5) | 148.5 (43.5) | 141.4 (41.5) | 134.1 (39.3) | 126.4 (37) | -20 (-28.9) | 146.3 (42.9) | 140.4 (41.1) | 134.3 (39.4) | 127.9 (37.5) | 121.2 (35.5) | 114.0 (33.4) | 106.6 (31.2) | -25 (-31.7) | 126.4 (37) | 120.9 (35.4) | 115.0 (33.7) | 108.8 (31.9) | 102.2 (29.9) | 95.2 (27.9) | 87.8 (25.7) | -30 (-34.4) | 108.6 (31.8) | 103.2 (30.2) | 97.4 (28.6) | 91.4 (26.8) | 84.8 (24.9) | 77.8 (22.8) | 70.5 (20.6) | -35 (-37.2) | 93.0 (27.3) | 87.8 (25.7) | 82.1 (24.1) | 76.0 (22.3) | 69.4 (20.3) | 62.4 (18.3) | 54.9 (16.1) | -40 (-40) | 80.3 (23.5) | 75.0 (22) | 69.2 (20.3) | 63.0 (18.5) | 56.3 (16.5) | 49.1 (14.4) | 41.4 (12.1) |

NOTES: - Above ratings are based on mean temperature. - To convert to dew point ratings, use 0.95 multiplier.

CAPACITY DATA - **R448A** **R449A**

LOW TEMP. HIGH EFFICIENCY MODELS w/ 850RPM CONDENSER MOTOR(S)

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R448A R449A AMBIENT TEMPERATURE °F (°C) | | | | | | | |
|---|-------------------------------|--------------|---|--------------|--------------|--------------|--------------|--------------|------------|--|
| | ° F | ° C | 85 (29.4) | 90 (32.2) | 95 (35) | 100 (37.8) | 105 (40.6) | 110 (43.3) | 115 (46.1) | |
| KVS011D8-A Compressor Model 3DS3F46KE | -5 (-20.6) | 75.7 (22.2) | 72.6 (21.3) | 69.4 (20.3) | 66.1 (19.4) | 62.9 (18.4) | 59.6 (17.5) | 56.2 (16.5) | | |
| | -10 (-23.3) | 66.5 (19.5) | 63.6 (18.6) | 60.7 (17.8) | 57.7 (16.9) | 54.6 (16) | 51.6 (15.1) | 48.5 (14.2) | | |
| | -15 (-26.1) | 58.1 (17) | 55.4 (16.2) | 52.7 (15.4) | 50.0 (14.7) | 47.2 (13.8) | 44.3 (13) | 41.4 (12.1) | | |
| | -20 (-28.9) | 50.5 (14.8) | 48.0 (14.1) | 45.5 (13.3) | 42.9 (12.6) | 40.3 (11.8) | 37.7 (11) | 35.0 (10.3) | | |
| | -25 (-31.7) | 43.6 (12.8) | 41.3 (12.1) | 39.0 (11.4) | 36.5 (10.7) | 34.1 (10) | 31.5 (9.2) | 29.0 (8.5) | | |
| | -30 (-34.4) | 37.4 (11) | 35.2 (10.3) | 33.0 (9.7) | 30.7 (9) | 28.3 (8.3) | 25.9 (7.6) | 23.4 (6.9) | | |
| | -35 (-37.2) | 31.7 (9.3) | 29.6 (8.7) | 27.5 (8.1) | 25.2 (7.4) | 22.9 (6.7) | 20.6 (6) | 18.2 (5.3) | | |
| | -40 (-40) | 26.5 (7.8) | 24.4 (7.2) | 22.3 (6.5) | 20.1 (5.9) | 17.9 (5.2) | 15.6 (4.6) | 13.3 (3.9) | | |
| KVS016D8-A Compressor Model 4DHNF63KE | -5 (-20.6) | 104.5 (30.6) | 100.3 (29.4) | 96.1 (28.2) | 91.8 (26.9) | 87.6 (25.7) | 83.3 (24.4) | 79.1 (23.2) | | |
| | -10 (-23.3) | 92.9 (27.2) | 89.1 (26.1) | 85.3 (25) | 81.4 (23.9) | 77.5 (22.7) | 73.6 (21.6) | 69.7 (20.4) | | |
| | -15 (-26.1) | 82.1 (24.1) | 78.7 (23.1) | 75.2 (22) | 71.7 (21) | 68.1 (20) | 64.4 (18.9) | 60.9 (17.8) | | |
| | -20 (-28.9) | 72.1 (21.1) | 68.9 (20.2) | 65.7 (19.3) | 62.4 (18.3) | 59.1 (17.3) | 55.7 (16.3) | 52.4 (15.4) | | |
| | -25 (-31.7) | 62.7 (18.4) | 59.8 (17.5) | 56.8 (16.6) | 53.7 (15.7) | 50.5 (14.8) | 47.3 (13.9) | 44.2 (13) | | |
| | -30 (-34.4) | 53.9 (15.8) | 51.1 (15) | 48.2 (14.1) | 45.3 (13.3) | 42.3 (12.4) | 39.2 (11.5) | 36.2 (10.6) | | |
| | -35 (-37.2) | 45.5 (13.3) | 42.9 (12.6) | 40.1 (11.8) | 37.2 (10.9) | 34.3 (10.1) | 31.3 (9.2) | 28.3 (8.3) | | |
| | -40 (-40) | 37.6 (11) | 35.0 (10.3) | 32.2 (9.4) | 29.4 (8.6) | 26.5 (7.8) | 23.5 (6.9) | 20.5 (6) | | |
| KVS023D8-A Compressor Model 4DJNF76KE | -5 (-20.6) | 128.5 (37.7) | 123.3 (36.1) | 118.0 (34.6) | 112.7 (33) | 107.3 (31.4) | 101.9 (29.9) | 96.5 (28.3) | | |
| | -10 (-23.3) | 113.5 (33.3) | 108.7 (31.9) | 103.8 (30.4) | 98.8 (29) | 93.8 (27.5) | 88.7 (26) | 83.6 (24.5) | | |
| | -15 (-26.1) | 99.9 (29.3) | 95.4 (28) | 90.9 (26.6) | 86.2 (25.3) | 81.5 (23.9) | 76.8 (22.5) | 72.0 (21.1) | | |
| | -20 (-28.9) | 87.5 (25.6) | 83.4 (24.4) | 79.1 (23.2) | 74.8 (21.9) | 70.3 (20.6) | 65.8 (19.3) | 61.3 (18) | | |
| | -25 (-31.7) | 76.1 (22.3) | 72.2 (21.2) | 68.2 (20) | 64.1 (18.8) | 59.9 (17.6) | 55.7 (16.3) | 51.4 (15.1) | | |
| | -30 (-34.4) | 65.4 (19.2) | 61.7 (18.1) | 57.9 (17) | 54.1 (15.9) | 50.1 (14.7) | 46.0 (13.5) | 41.9 (12.3) | | |
| | -35 (-37.2) | 55.0 (16.1) | 51.6 (15.1) | 48.0 (14.1) | 44.3 (13) | 40.5 (11.9) | 36.7 (10.8) | 32.7 (9.6) | | |
| | -40 (-40) | 44.9 (13.2) | 41.6 (12.2) | 38.2 (11.2) | 34.6 (10.1) | 31.0 (9.1) | 27.3 (8) | 23.4 (6.9) | | |
| KVS028D8-A Compressor Model 6DHNF93KE | -5 (-20.6) | 153.3 (44.9) | 147.4 (43.2) | 141.3 (41.4) | 134.9 (39.5) | 128.1 (37.5) | 121.1 (35.5) | 113.8 (33.4) | | |
| | -10 (-23.3) | 135.3 (39.7) | 130.0 (38.1) | 124.3 (36.4) | 118.4 (34.7) | 112.2 (32.9) | 105.6 (30.9) | 98.8 (29) | | |
| | -15 (-26.1) | 118.8 (34.8) | 113.9 (33.4) | 108.7 (31.9) | 103.2 (30.2) | 97.4 (28.5) | 91.3 (26.8) | 84.9 (24.9) | | |
| | -20 (-28.9) | 103.7 (30.4) | 99.1 (29) | 94.3 (27.6) | 89.2 (26.1) | 83.8 (24.6) | 78.0 (22.9) | 71.9 (21.1) | | |
| | -25 (-31.7) | 89.7 (26.3) | 85.4 (25) | 80.9 (23.7) | 76.1 (22.3) | 71.0 (20.8) | 65.5 (19.2) | 59.8 (17.5) | | |
| | -30 (-34.4) | 76.6 (22.4) | 72.6 (21.3) | 68.4 (20) | 63.8 (18.7) | 58.9 (17.3) | 53.7 (15.7) | 48.2 (14.1) | | |
| | -35 (-37.2) | 64.4 (18.9) | 60.6 (17.8) | 56.5 (16.6) | 52.1 (15.3) | 47.4 (13.9) | 42.3 (12.4) | 36.9 (10.8) | | |
| | -40 (-40) | 52.7 (15.4) | 49.0 (14.4) | 45.1 (13.2) | 40.8 (12) | 36.2 (10.6) | 31.2 (9.1) | 25.9 (7.6) | | |
| KVS031D8-A Compressor Model 6DJNF11ME | -5 (-20.6) | 180.3 (52.8) | 173.1 (50.7) | 165.5 (48.5) | 157.7 (46.2) | 149.5 (43.8) | 141.0 (41.3) | 132.1 (38.7) | | |
| | -10 (-23.3) | 159.4 (46.7) | 152.8 (44.8) | 145.9 (42.8) | 138.7 (40.6) | 131.1 (38.4) | 123.1 (36.1) | 114.8 (33.6) | | |
| | -15 (-26.1) | 140.3 (41.1) | 134.2 (39.3) | 127.8 (37.5) | 121.1 (35.5) | 114.0 (33.4) | 106.5 (31.2) | 98.7 (28.9) | | |
| | -20 (-28.9) | 122.5 (35.9) | 116.9 (34.3) | 111.0 (32.5) | 104.7 (30.7) | 98.0 (28.7) | 91.0 (26.7) | 83.6 (24.5) | | |
| | -25 (-31.7) | 106.1 (31.1) | 100.8 (29.5) | 95.2 (27.9) | 89.3 (26.2) | 83.0 (24.3) | 76.3 (22.4) | 69.2 (20.3) | | |
| | -30 (-34.4) | 90.6 (26.6) | 85.6 (25.1) | 80.3 (23.5) | 74.7 (21.9) | 68.7 (20.1) | 62.3 (18.3) | 55.4 (16.2) | | |
| | -35 (-37.2) | 75.9 (22.2) | 71.2 (20.9) | 66.1 (19.4) | 60.6 (17.8) | 54.8 (16.1) | 48.6 (14.2) | 41.9 (12.3) | | |
| | -40 (-40) | 61.8 (18.1) | 57.2 (16.8) | 52.2 (15.3) | 46.9 (13.7) | 41.1 (12) | 35.0 (10.3) | 28.5 (8.4) | | |

NOTES: - Above ratings are based on mean temperature. - To convert to dew point ratings, use 0.95 multiplier.

CAPACITY DATA - R407C
HIGH TEMP. HIGH EFFICIENCY MODELS

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R407C AMBIENT TEMPERATURE °F (°C) | | | | | | | |
|--|-------------------------------|----|--|---------------|---------------|---------------|---------------|---------------|---------------|--|
| | °F | °C | 85 (29.4) | 90 (32.2) | 95 (35.0) | 100 (37.8) | 105 (40.6) | 110 (43.3) | 115 (46.1) | |
| KVS016H8-A Compressor Model 3DS3R17ME | 55 (12.8) | | 258.2 (75.7) | 248.4 (72.8) | 238.9 (70) | 229.7 (67.3) | 220.8 (64.7) | 212.1 (62.2) | 203.7 (59.7) | |
| | 50 (10) | | 237.0 (69.5) | 228.3 (66.9) | 219.8 (64.4) | 211.5 (62) | 203.5 (59.6) | 195.7 (57.4) | 188.1 (55.1) | |
| | 45 (7.2) | | 216.8 (63.5) | 209.1 (61.3) | 201.5 (59.1) | 194.1 (56.9) | 187.0 (54.8) | 180.1 (52.8) | 173.1 (50.7) | |
| | 40 (4.4) | | 197.7 (57.9) | 190.8 (55.9) | 184.2 (54) | 177.7 (52.1) | 171.3 (50.2) | 165.1 (48.4) | 158.9 (46.6) | |
| | 35 (1.7) | | 179.7 (52.7) | 173.6 (50.9) | 167.7 (49.1) | 162.0 (47.5) | 156.3 (45.8) | 150.7 (44.2) | 145.1 (42.5) | |
| KVS021H8-A Compressor Model 4DANR18ME | 55 (12.8) | | 321.6 (94.3) | 304.7 (89.3) | 288.1 (84.4) | 271.8 (79.7) | 255.9 (75) | 240.2 (70.4) | 224.8 (65.9) | |
| | 50 (10) | | 289.2 (84.8) | 274.2 (80.4) | 259.5 (76.1) | 245.1 (71.8) | 231.1 (67.7) | 217.4 (63.7) | 203.9 (59.8) | |
| | 45 (7.2) | | 259.2 (76) | 246.0 (72.1) | 233.2 (68.3) | 220.7 (64.7) | 208.5 (61.1) | 196.6 (57.6) | 185.0 (54.2) | |
| | 40 (4.4) | | 231.7 (67.9) | 220.3 (64.6) | 209.2 (61.3) | 198.5 (58.2) | 188.0 (55.1) | 177.9 (52.1) | 167.9 (49.2) | |
| | 35 (1.7) | | 206.6 (60.6) | 196.9 (57.7) | 187.4 (54.9) | 178.4 (52.3) | 169.5 (49.7) | 161.0 (47.2) | 152.6 (44.7) | |
| KVS023H8-A Compressor Model 4DBNR20ME | 55 (12.8) | | 331.2 (97.1) | 319.3 (93.6) | 307.4 (90.1) | 295.6 (86.6) | 283.8 (83.2) | 272.2 (79.8) | --- | |
| | 50 (10) | | 302.0 (88.5) | 290.7 (85.2) | 279.6 (81.9) | 268.5 (78.7) | 257.5 (75.5) | 246.5 (72.3) | 235.7 (69.1) | |
| | 45 (7.2) | | 275.0 (80.6) | 264.5 (77.5) | 254.1 (74.5) | 243.7 (71.4) | 233.4 (68.4) | 223.2 (65.4) | 213.3 (62.5) | |
| | 40 (4.4) | | 250.0 (73.3) | 240.2 (70.4) | 230.6 (67.6) | 220.9 (64.7) | 211.5 (62) | 202.0 (59.2) | 192.8 (56.5) | |
| | 35 (1.7) | | 226.8 (66.5) | 217.8 (63.8) | 208.8 (61.2) | 199.9 (58.6) | 191.2 (56) | 182.6 (53.5) | 174.2 (51.1) | |
| KVS026H8-A Compressor Model 4DHNR22ME | 55 (12.8) | | 394.2 (115.5) | 373.6 (109.5) | 353.4 (103.6) | 333.6 (97.8) | 314.3 (92.1) | 295.5 (86.6) | 277.3 (81.3) | |
| | 50 (10) | | 359.9 (105.5) | 341.5 (100.1) | 323.4 (94.8) | 305.8 (89.6) | 288.5 (84.6) | 271.8 (79.7) | 255.8 (75) | |
| | 45 (7.2) | | 327.1 (95.9) | 310.7 (91.1) | 294.7 (86.4) | 279.1 (81.8) | 264.0 (77.4) | 249.3 (73.1) | 235.3 (69) | |
| | 40 (4.4) | | 295.8 (86.7) | 281.5 (82.5) | 267.5 (78.4) | 253.8 (74.4) | 240.6 (70.5) | 227.9 (66.8) | 215.8 (63.2) | |
| | 35 (1.7) | | 266.4 (78.1) | 253.9 (74.4) | 241.8 (70.9) | 230.0 (67.4) | 218.5 (64) | 207.5 (60.8) | 197.1 (57.8) | |
| KVS031H8-A Compressor Model 4DJNR28ME | 55 (12.8) | | 467.8 (137.1) | 443.8 (130.1) | 420.4 (123.2) | 397.5 (116.5) | 375.1 (109.9) | 353.1 (103.5) | 331.8 (97.2) | |
| | 50 (10) | | 424.3 (124.4) | 402.9 (118.1) | 382.0 (111.9) | 361.6 (106) | 341.8 (100.2) | 322.5 (94.5) | 303.7 (89) | |
| | 45 (7.2) | | 383.5 (112.4) | 364.6 (106.8) | 346.2 (101.5) | 328.2 (96.2) | 310.9 (91.1) | 294.0 (86.2) | 277.7 (81.4) | |
| | 40 (4.4) | | 345.5 (101.2) | 329.0 (96.4) | 312.9 (91.7) | 297.4 (87.1) | 282.3 (82.7) | 267.8 (78.5) | 253.8 (74.4) | |
| | 35 (1.7) | | 310.2 (90.9) | 296.0 (86.7) | 282.1 (82.7) | 268.8 (78.8) | 256.0 (75) | 243.6 (71.4) | 231.7 (67.9) | |
| KVS036H8-A Compressor Model 6DHNR35ME | 55 (12.8) | | 576.7 (169) | 554.3 (162.4) | 531.8 (155.9) | 509.3 (149.2) | 486.7 (142.6) | 463.9 (136) | 441.1 (129.3) | |
| | 50 (10) | | 516.0 (151.2) | 496.2 (145.4) | 476.4 (139.6) | 456.4 (133.8) | 436.4 (127.9) | 416.2 (122) | 395.9 (116) | |
| | 45 (7.2) | | 461.3 (135.2) | 443.9 (130.1) | 426.5 (125) | 409.0 (119.9) | 391.3 (114.7) | 373.5 (109.5) | 355.4 (104.2) | |
| | 40 (4.4) | | 412.1 (120.8) | 397.1 (116.4) | 381.9 (111.9) | 366.6 (107.4) | 351.1 (102.9) | 335.5 (98.3) | 319.6 (93.7) | |
| | 35 (1.7) | | 368.2 (107.9) | 355.3 (104.1) | 342.2 (100.3) | 328.9 (96.4) | 315.4 (92.4) | 301.8 (88.4) | 287.8 (84.3) | |
| KVS041H8-A Compressor Model 6DJNR40ME | 55 (12.8) | | 803.6 (235.5) | 770.1 (225.7) | 734.1 (215.1) | 695.8 (203.9) | 655.5 (192.1) | 613.4 (179.8) | 569.8 (167) | |
| | 50 (10) | | 705.1 (206.6) | 675.4 (197.9) | 643.0 (188.4) | 608.5 (178.3) | 572.0 (167.6) | 533.9 (156.5) | 494.3 (144.9) | |
| | 45 (7.2) | | 617.7 (181) | 591.4 (173.3) | 562.6 (164.9) | 531.6 (155.8) | 498.9 (146.2) | 464.5 (136.1) | 428.8 (125.7) | |
| | 40 (4.4) | | 541.5 (158.7) | 518.1 (151.8) | 492.5 (144.3) | 464.7 (136.2) | 435.4 (127.6) | 404.8 (118.6) | 373.0 (109.3) | |
| | 35 (1.7) | | 475.5 (139.4) | 454.9 (133.3) | 432.1 (126.6) | 407.5 (119.4) | 381.5 (111.8) | 354.3 (103.8) | 326.1 (95.6) | |

NOTES: - Above ratings are based on mean temperature. - To convert to dew point ratings, use 0.95 multiplier.

CAPACITY DATA - R407C
MEDIUM TEMP. HIGH EFFICIENCY MODELS

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R407C AMBIENT TEMPERATURE °F (°C) | | | | | | |
|--|-------------------------------|-----|--|---------------|---------------|---------------|---------------|---------------|--------------|
| | ° F | ° C | 85 (29.4) | 90 (32.2) | 95 (35.0) | 100 (37.8) | 105 (40.6) | 110 (43.3) | 115 (46.1) |
| KVS016M8-A Compressor Model 3DS3R17ME | 30 (-1.1) | | 162.8 (47.7) | 157.4 (46.1) | 152.3 (44.6) | 147.2 (43.1) | 142.1 (41.6) | 137.0 (40.2) | 131.9 (38.7) |
| | 25 (-3.9) | | 146.8 (43) | 142.2 (41.7) | 137.7 (40.3) | 133.1 (39) | 128.6 (37.7) | 124.0 (36.3) | 119.2 (34.9) |
| | 20 (-6.7) | | 132.1 (38.7) | 128.0 (37.5) | 124.0 (36.3) | 119.9 (35.1) | 115.8 (33.9) | 111.5 (32.7) | 107.0 (31.4) |
| | 15 (-9.4) | | 118.3 (34.7) | 114.8 (33.6) | 111.2 (32.6) | 107.5 (31.5) | 103.6 (30.4) | 99.5 (29.2) | 95.2 (27.9) |
| | 10 (-12.2) | | 105.6 (31) | 102.5 (30) | 99.2 (29.1) | 95.8 (28.1) | 92.1 (27) | 88.2 (25.8) | 83.9 (24.6) |
| KVS021M8-A Compressor Model 4DANR18ME | 30 (-1.1) | | 183.9 (53.9) | 175.7 (51.5) | 167.8 (49.2) | 160.2 (47) | 152.9 (44.8) | 145.8 (42.7) | - |
| | 25 (-3.9) | | 163.6 (47.9) | 156.8 (46) | 150.2 (44) | 143.9 (42.2) | 137.9 (40.4) | 132.0 (38.7) | 126.4 (37) |
| | 20 (-6.7) | | 145.4 (42.6) | 139.8 (41) | 134.4 (39.4) | 129.3 (37.9) | 124.3 (36.4) | 119.5 (35) | 114.8 (33.6) |
| | 15 (-9.4) | | 129.3 (37.9) | 124.6 (36.5) | 120.2 (35.2) | 116.0 (34) | 111.9 (32.8) | 107.9 (31.6) | 104.0 (30.5) |
| | 10 (-12.2) | | 114.9 (33.7) | 111.0 (32.5) | 107.3 (31.4) | 103.7 (30.4) | 100.3 (29.4) | 96.9 (28.4) | 93.5 (27.4) |
| KVS023M8-A Compressor Model 4DBNR20ME | 30 (-1.1) | | 205.2 (60.1) | 196.9 (57.7) | 188.7 (55.3) | 180.5 (52.9) | 172.6 (50.6) | 164.7 (48.3) | 157.2 (46.1) |
| | 25 (-3.9) | | 184.8 (54.2) | 177.2 (51.9) | 169.8 (49.8) | 162.4 (47.6) | 155.2 (45.5) | 148.3 (43.5) | 141.4 (41.5) |
| | 20 (-6.7) | | 165.5 (48.5) | 158.7 (46.5) | 151.9 (44.5) | 145.3 (42.6) | 138.9 (40.7) | 132.7 (38.9) | 126.7 (37.1) |
| | 15 (-9.4) | | 147.0 (43.1) | 140.8 (41.3) | 134.8 (39.5) | 129.0 (37.8) | 123.4 (36.2) | 118.0 (34.6) | 112.9 (33.1) |
| | 10 (-12.2) | | 128.9 (37.8) | 123.6 (36.2) | 118.3 (34.7) | 113.3 (33.2) | 108.5 (31.8) | 103.8 (30.4) | 99.5 (29.2) |
| KVS026M8-A Compressor Model 4DHNR22ME | 30 (-1.1) | | 238.8 (70) | 228.1 (66.8) | 217.7 (63.8) | 207.5 (60.8) | 197.6 (57.9) | 188.3 (55.2) | 179.4 (52.6) |
| | 25 (-3.9) | | 213.0 (62.4) | 204.0 (59.8) | 195.1 (57.2) | 186.4 (54.6) | 178.1 (52.2) | 170.1 (49.9) | 162.6 (47.7) |
| | 20 (-6.7) | | 189.4 (55.5) | 181.8 (53.3) | 174.2 (51.1) | 166.8 (48.9) | 159.7 (46.8) | 153.0 (44.8) | 146.7 (43) |
| | 15 (-9.4) | | 167.8 (49.2) | 161.4 (47.3) | 155.0 (45.4) | 148.7 (43.6) | 142.6 (41.8) | 136.8 (40.1) | 131.5 (38.5) |
| | 10 (-12.2) | | 148.4 (43.5) | 142.9 (41.9) | 137.4 (40.3) | 132.0 (38.7) | 126.7 (37.1) | 121.7 (35.7) | 117.0 (34.3) |
| KVS031M8-A Compressor Model 4DJNR28ME | 30 (-1.1) | | 277.8 (81.4) | 265.7 (77.9) | 254.0 (74.4) | 242.7 (71.1) | 231.7 (67.9) | 221.3 (64.9) | 211.4 (61.9) |
| | 25 (-3.9) | | 248.2 (72.7) | 237.9 (69.7) | 228.1 (66.8) | 218.5 (64) | 209.5 (61.4) | 200.8 (58.8) | 192.5 (56.4) |
| | 20 (-6.7) | | 221.3 (64.9) | 212.7 (62.3) | 204.4 (59.9) | 196.5 (57.6) | 188.9 (55.4) | 181.7 (53.2) | 174.7 (51.2) |
| | 15 (-9.4) | | 197.0 (57.7) | 189.7 (55.6) | 182.8 (53.6) | 176.2 (51.6) | 169.8 (49.8) | 163.7 (48) | 158.0 (46.3) |
| | 10 (-12.2) | | 174.9 (51.3) | 168.8 (49.5) | 163.0 (47.8) | 157.3 (46.1) | 151.9 (44.5) | 146.8 (43) | 142.0 (41.6) |
| KVS036M8-A Compressor Model 6DHNR35ME | 30 (-1.1) | | 329.3 (96.5) | 318.2 (93.2) | 306.9 (89.9) | 295.4 (86.6) | 283.7 (83.1) | 271.7 (79.6) | 259.5 (76) |
| | 25 (-3.9) | | 294.6 (86.3) | 285.2 (83.6) | 275.5 (80.7) | 265.5 (77.8) | 255.4 (74.8) | 244.9 (71.8) | 234.0 (68.6) |
| | 20 (-6.7) | | 263.9 (77.3) | 255.8 (75) | 247.4 (72.5) | 238.8 (70) | 229.7 (67.3) | 220.5 (64.6) | 210.8 (61.8) |
| | 15 (-9.4) | | 236.4 (69.3) | 229.3 (67.2) | 222.0 (65.1) | 214.3 (62.8) | 206.3 (60.5) | 198.0 (58) | 189.3 (55.5) |
| | 10 (-12.2) | | 211.5 (62) | 205.2 (60.1) | 198.7 (58.2) | 191.7 (56.2) | 184.4 (54) | 176.7 (51.8) | 168.6 (49.4) |
| KVS041M8-A Compressor Model 6DJNR40ME | 30 (-1.1) | | 419.2 (122.8) | 400.8 (117.5) | 380.6 (111.5) | 358.8 (105.1) | 335.9 (98.4) | 312.1 (91.5) | 287.6 (84.3) |
| | 25 (-3.9) | | 371.2 (108.8) | 354.8 (104) | 336.9 (98.7) | 317.8 (93.1) | 297.8 (87.3) | 277.2 (81.2) | 256.4 (75.1) |
| | 20 (-6.7) | | 330.2 (96.8) | 315.6 (92.5) | 299.8 (87.9) | 283.2 (83) | 266.0 (77.9) | 248.6 (72.9) | 231.3 (67.8) |
| | 15 (-9.4) | | 294.8 (86.4) | 281.8 (82.6) | 268.0 (78.5) | 253.7 (74.3) | 239.2 (70.1) | 225.0 (65.9) | 211.4 (61.9) |
| | 10 (-12.2) | | 263.4 (77.2) | 251.8 (73.8) | 239.7 (70.3) | 227.7 (66.7) | 216.0 (63.3) | 205.0 (60.1) | 195.0 (57.1) |
| KVS051M8-A Compressor Model 6DUNR49ME | 30 (-1.1) | | 489.6 (143.5) | 466.8 (136.8) | 442.9 (129.8) | 418.1 (122.5) | 392.7 (115.1) | 367.0 (107.5) | 341.3 (100) |
| | 25 (-3.9) | | 434.2 (127.2) | 413.5 (121.2) | 392.0 (114.9) | 369.9 (108.4) | 347.4 (101.8) | 325.0 (95.2) | 302.8 (88.7) |
| | 20 (-6.7) | | 384.0 (112.5) | 365.4 (107.1) | 346.3 (101.5) | 326.9 (95.8) | 307.4 (90.1) | 288.3 (84.5) | 269.9 (79.1) |
| | 15 (-9.4) | | 338.9 (99.3) | 322.5 (94.5) | 305.7 (89.6) | 289.1 (84.7) | 272.7 (79.9) | 257.0 (75.3) | 242.4 (71.1) |
| | 10 (-12.2) | | 298.7 (87.5) | 284.3 (83.3) | 270.1 (79.1) | 256.2 (75.1) | 243.2 (71.3) | 231.2 (67.8) | 220.7 (64.7) |

NOTES: - Above ratings are based on mean temperature. - To convert to dew point ratings, use 0.95 multiplier.

CAPACITY DATA - R404A R507
HIGH TEMP. HIGH EFFICIENCY MODELS

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R404A R507 AMBIENT TEMPERATURE °F (°C) | | | | | | |
|---------------------------------------|-------------------------------|-----|---|---------------|---------------|---------------|---------------|---------------|---------------|
| | ° F | ° C | 85 (29.4) | 90 (32.2) | 95 (35.0) | 100 (37.8) | 105 (40.6) | 110 (43.3) | 115 (46.1) |
| KVS016H8-A Compressor 3DS3R17ME | 45 (7.2) | | 231.5 (67.8) | 221.6 (64.9) | 211.7 (62) | 202.0 (59.2) | 192.4 (56.4) | 182.9 (53.6) | 173.5 (50.8) |
| | 40 (4.4) | | 212.9 (62.4) | 203.8 (59.7) | 194.8 (57.1) | 185.9 (54.5) | 177.2 (51.9) | 168.5 (49.4) | 159.9 (46.9) |
| | 35 (1.7) | | 195.3 (57.2) | 187.0 (54.8) | 178.8 (52.4) | 170.7 (50) | 162.7 (47.7) | 154.8 (45.4) | 147.0 (43.1) |
| KVS021H8-A Compressor 4DANR18ME | 45 (7.2) | | 250.7 (73.5) | 239.3 (70.1) | 227.8 (66.8) | 216.4 (63.4) | 205.0 (60.1) | 193.8 (56.8) | 182.8 (53.6) |
| | 40 (4.4) | | 231.8 (67.9) | 221.1 (64.8) | 210.4 (61.7) | 199.6 (58.5) | 189.0 (55.4) | 178.6 (52.3) | 168.3 (49.3) |
| | 35 (1.7) | | 213.3 (62.5) | 203.4 (59.6) | 193.4 (56.7) | 183.4 (53.8) | 173.5 (50.8) | 163.8 (48) | 154.3 (45.2) |
| KVS023H8-A Compressor 4DBNR20ME | 45 (7.2) | | 279.7 (82) | 267.5 (78.4) | 255.6 (74.9) | 244.0 (71.5) | 232.7 (68.2) | 221.6 (64.9) | 210.8 (61.8) |
| | 40 (4.4) | | 260.5 (76.3) | 249.1 (73) | 238.0 (69.8) | 227.2 (66.6) | 216.7 (63.5) | 206.4 (60.5) | 196.3 (57.5) |
| | 35 (1.7) | | 241.3 (70.7) | 230.7 (67.6) | 220.4 (64.6) | 210.4 (61.7) | 200.6 (58.8) | 191.0 (56) | 181.7 (53.3) |
| KVS026H8-A Compressor 4DHNR22ME | 45 (7.2) | | 310.7 (91.1) | 297.1 (87.1) | 283.9 (83.2) | 271.1 (79.5) | 258.7 (75.8) | 246.6 (72.3) | 234.7 (68.8) |
| | 40 (4.4) | | 288.9 (84.7) | 276.3 (81) | 264.0 (77.4) | 252.1 (73.9) | 240.5 (70.5) | 229.2 (67.2) | 218.2 (63.9) |
| | 35 (1.7) | | 267.2 (78.3) | 255.5 (74.9) | 244.1 (71.5) | 233.0 (68.3) | 222.3 (65.1) | 211.8 (62.1) | 201.6 (59.1) |
| KVS031H8-A Compressor 4DJNR28ME | 45 (7.2) | | 381.3 (111.7) | 365.0 (107) | 348.9 (102.3) | 332.9 (97.6) | 317.0 (92.9) | 301.1 (88.2) | 285.3 (83.6) |
| | 40 (4.4) | | 351.3 (103) | 336.2 (98.5) | 321.3 (94.2) | 306.5 (89.8) | 291.8 (85.5) | 277.1 (81.2) | 262.5 (76.9) |
| | 35 (1.7) | | 322.5 (94.5) | 308.6 (90.4) | 294.9 (86.4) | 281.3 (82.4) | 267.7 (78.5) | 254.3 (74.5) | 240.8 (70.6) |
| KVS036H8-A Compressor 6DHNR35ME | 45 (7.2) | | 487.6 (142.9) | 467.3 (137) | 447.0 (131) | 426.7 (125.1) | 406.2 (119) | 385.7 (113) | 365.1 (107) |
| | 40 (4.4) | | 447.0 (131) | 428.5 (125.6) | 409.9 (120.1) | 391.3 (114.7) | 372.6 (109.2) | 353.8 (103.7) | 335.0 (98.2) |
| | 35 (1.7) | | 408.7 (119.8) | 391.8 (114.8) | 374.9 (109.9) | 357.9 (104.9) | 340.9 (99.9) | 323.7 (94.9) | 306.6 (89.9) |
| KVS041H8-A Compressor 6DJNR40ME | 45 (7.2) | | 551.9 (161.7) | 529.9 (155.3) | 508.0 (148.9) | 486.1 (142.5) | 464.0 (136) | 441.8 (129.5) | 419.2 (122.9) |
| | 40 (4.4) | | 509.9 (149.4) | 489.5 (143.5) | 469.2 (137.5) | 448.9 (131.6) | 428.6 (125.6) | 408.1 (119.6) | 387.3 (113.5) |
| | 35 (1.7) | | 469.5 (137.6) | 450.7 (132.1) | 432.0 (126.6) | 413.3 (121.1) | 394.5 (115.6) | 375.6 (110.1) | 356.5 (104.5) |

CAPACITY DATA - R404A R507
MEDIUM TEMP. HIGH EFFICIENCY MODELS

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R404A R507 | | | | | | | AMBIENT TEMPERATURE °F (°C) | |
|---|-------------------------------|--------------|------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|-----------------------------|--|
| | °F | °C | 85 (29.4) | 90 (32.2) | 95 (35.0) | 100 (37.8) | 105 (40.6) | 110 (43.3) | 115 (46.1) | | |
| KVS016M8-A Compressor Model 3DS3R17ME | 30 | (-1.1) | 178.5 (52.3) | 171.0 (50.1) | 163.6 (47.9) | 156.3 (45.8) | 149.1 (43.7) | 141.9 (41.6) | 134.9 (39.5) | | |
| | 25 | (-3.9) | 162.7 (47.7) | 156.0 (45.7) | 149.3 (43.8) | 142.7 (41.8) | 136.2 (39.9) | 129.7 (38) | 123.4 (36.2) | | |
| | 20 | (-6.7) | 147.8 (43.3) | 141.8 (41.6) | 135.8 (39.8) | 129.9 (38.1) | 124.0 (36.3) | 118.3 (34.7) | 112.6 (33) | | |
| | 15 | (-9.4) | 133.9 (39.2) | 128.5 (37.7) | 123.1 (36.1) | 117.8 (34.5) | 112.6 (33) | 107.5 (31.5) | 102.4 (30) | | |
| | 10 | (-12.2) | 120.9 (35.4) | 116.0 (34) | 111.3 (32.6) | 106.6 (31.2) | 101.9 (29.9) | 97.3 (28.5) | 92.8 (27.2) | | |
| | 5 | (-15) | 108.8 (31.9) | 104.5 (30.6) | 100.2 (29.4) | 96.0 (28.1) | 91.9 (26.9) | 87.8 (25.7) | 83.8 (24.6) | | |
| 0 | (-17.8) | 97.5 (28.6) | 93.7 (27.5) | 89.9 (26.3) | 86.2 (25.3) | 82.5 (24.2) | 78.9 (23.1) | 75.3 (22.1) | | | |
| KVS021M8-A Compressor Model 4DANR18ME | 30 | (-1.1) | 195.5 (57.3) | 186.3 (54.6) | 177.0 (51.9) | 167.7 (49.2) | 158.5 (46.5) | 149.5 (43.8) | 140.7 (41.2) | | |
| | 25 | (-3.9) | 178.3 (52.3) | 169.9 (49.8) | 161.3 (47.3) | 152.7 (44.8) | 144.1 (42.2) | 135.8 (39.8) | 127.6 (37.4) | | |
| | 20 | (-6.7) | 161.9 (47.5) | 154.1 (45.2) | 146.2 (42.8) | 138.2 (40.5) | 130.4 (38.2) | 122.6 (35.9) | 115.2 (33.8) | | |
| | 15 | (-9.4) | 146.3 (42.9) | 139.1 (40.8) | 131.9 (38.7) | 124.5 (36.5) | 117.3 (34.4) | 110.2 (32.3) | 103.4 (30.3) | | |
| | 10 | (-12.2) | 131.5 (38.5) | 125.0 (36.6) | 118.3 (34.7) | 111.6 (32.7) | 105.0 (30.8) | 98.5 (28.9) | 92.3 (27.1) | | |
| | 5 | (-15) | 117.7 (34.5) | 111.7 (32.7) | 105.6 (30.9) | 99.5 (29.2) | 93.4 (27.4) | 87.5 (25.6) | 81.9 (24) | | |
| 0 | (-17.8) | 104.8 (30.7) | 99.4 (29.1) | 93.9 (27.5) | 88.3 (25.9) | 82.8 (24.3) | 77.4 (22.7) | 72.3 (21.2) | | | |
| KVS023M8-A Compressor Model 4DBNR20ME | 30 | (-1.1) | 222.3 (65.1) | 212.5 (62.3) | 202.9 (59.5) | 193.7 (56.8) | 184.6 (54.1) | 175.8 (51.5) | 167.1 (49) | | |
| | 25 | (-3.9) | 203.5 (59.6) | 194.5 (57) | 185.8 (54.5) | 177.2 (51.9) | 168.9 (49.5) | 160.7 (47.1) | 152.7 (44.8) | | |
| | 20 | (-6.7) | 185.3 (54.3) | 177.1 (51.9) | 169.0 (49.5) | 161.2 (47.2) | 153.5 (45) | 146.1 (42.8) | 138.7 (40.6) | | |
| | 15 | (-9.4) | 167.8 (49.2) | 160.3 (47) | 152.9 (44.8) | 145.8 (42.7) | 138.8 (40.7) | 132.0 (38.7) | 125.3 (36.7) | | |
| | 10 | (-12.2) | 151.1 (44.3) | 144.3 (42.3) | 137.7 (40.4) | 131.3 (38.5) | 124.9 (36.6) | 118.7 (34.8) | 112.6 (33) | | |
| | 5 | (-15) | 135.5 (39.7) | 129.4 (37.9) | 123.5 (36.2) | 117.7 (34.5) | 112.0 (32.8) | 106.4 (31.2) | 100.9 (29.6) | | |
| 0 | (-17.8) | 121.2 (35.5) | 115.8 (33.9) | 110.5 (32.4) | 105.4 (30.9) | 100.3 (29.4) | 95.2 (27.9) | 90.3 (26.5) | | | |
| KVS026M8-A Compressor Model 4DHNR22ME | 30 | (-1.1) | 245.7 (72) | 234.9 (68.8) | 224.4 (65.8) | 214.2 (62.8) | 204.2 (59.8) | 194.6 (57) | 185.1 (54.2) | | |
| | 25 | (-3.9) | 224.7 (65.9) | 214.7 (62.9) | 205.0 (60.1) | 195.7 (57.4) | 186.5 (54.7) | 177.6 (52) | 168.9 (49.5) | | |
| | 20 | (-6.7) | 204.2 (59.8) | 195.1 (57.2) | 186.3 (54.6) | 177.7 (52.1) | 169.4 (49.6) | 161.2 (47.2) | 153.2 (44.9) | | |
| | 15 | (-9.4) | 184.5 (54.1) | 176.2 (51.6) | 168.2 (49.3) | 160.5 (47) | 152.9 (44.8) | 145.5 (42.6) | 138.2 (40.5) | | |
| | 10 | (-12.2) | 165.8 (48.6) | 158.4 (46.4) | 151.2 (44.3) | 144.2 (42.3) | 137.4 (40.3) | 130.7 (38.3) | 124.1 (36.4) | | |
| | 5 | (-15) | 148.4 (43.5) | 141.8 (41.6) | 135.4 (39.7) | 129.2 (37.9) | 123.1 (36.1) | 117.0 (34.3) | 111.0 (32.5) | | |
| 0 | (-17.8) | 132.3 (38.8) | 126.5 (37.1) | 120.9 (35.4) | 115.4 (33.8) | 110.1 (32.3) | 104.7 (30.7) | 99.3 (29.1) | | | |
| KVS031M8-A Compressor Model 4DJNR28ME | 30 | (-1.1) | 295.0 (86.5) | 282.2 (82.7) | 269.6 (79) | 257.2 (75.4) | 244.8 (71.7) | 232.5 (68.1) | 220.2 (64.5) | | |
| | 25 | (-3.9) | 268.7 (78.7) | 257.1 (75.3) | 245.6 (72) | 234.2 (68.6) | 223.0 (65.4) | 211.8 (62.1) | 200.6 (58.8) | | |
| | 20 | (-6.7) | 243.8 (71.5) | 233.2 (68.3) | 222.8 (65.3) | 212.5 (62.3) | 202.3 (59.3) | 192.2 (56.3) | 182.1 (53.4) | | |
| | 15 | (-9.4) | 220.2 (64.5) | 210.7 (61.7) | 201.3 (59) | 192.0 (56.3) | 182.8 (53.6) | 173.7 (50.9) | 164.7 (48.3) | | |
| | 10 | (-12.2) | 198.0 (58) | 189.4 (55.5) | 181.0 (53) | 172.7 (50.6) | 164.5 (48.2) | 156.4 (45.8) | 148.3 (43.5) | | |
| | 5 | (-15) | 177.2 (51.9) | 169.6 (49.7) | 162.1 (47.5) | 154.7 (45.3) | 147.4 (43.2) | 140.3 (41.1) | 133.1 (39) | | |
| 0 | (-17.8) | 157.9 (46.3) | 151.1 (44.3) | 144.4 (42.3) | 137.9 (40.4) | 131.6 (38.6) | 125.3 (36.7) | 119.0 (34.9) | | | |
| KVS036M8-A Compressor Model 6DHNR35ME | 30 | (-1.1) | 372.6 (109.2) | 357.3 (104.7) | 341.9 (100.2) | 326.4 (95.7) | 311.0 (91.1) | 295.4 (86.6) | 279.8 (82) | | |
| | 25 | (-3.9) | 338.7 (99.3) | 324.8 (95.2) | 310.9 (91.1) | 296.9 (87) | 282.9 (82.9) | 268.8 (78.8) | 254.7 (74.6) | | |
| | 20 | (-6.7) | 307.1 (90) | 294.5 (86.3) | 281.9 (82.6) | 269.2 (78.9) | 256.5 (75.2) | 243.8 (71.5) | 231.1 (67.7) | | |
| | 15 | (-9.4) | 277.6 (81.4) | 266.2 (78) | 254.8 (74.7) | 243.4 (71.3) | 231.9 (68) | 220.5 (64.6) | 209.0 (61.3) | | |
| | 10 | (-12.2) | 250.2 (73.3) | 239.9 (70.3) | 229.6 (67.3) | 219.3 (64.3) | 208.9 (61.2) | 198.6 (58.2) | 188.3 (55.2) | | |
| | 5 | (-15) | 224.9 (65.9) | 215.6 (63.2) | 206.2 (60.4) | 196.8 (57.7) | 187.5 (55) | 178.2 (52.2) | 168.9 (49.5) | | |
| 0 | (-17.8) | 201.7 (59.1) | 193.1 (56.6) | 184.5 (54.1) | 176.0 (51.6) | 167.6 (49.1) | 159.1 (46.6) | 150.7 (44.2) | | | |
| KVS041M8-A Compressor Model 6DJNR40ME | 30 | (-1.1) | 430.8 (126.3) | 413.5 (121.2) | 396.2 (116.1) | 379.1 (111.1) | 361.9 (106.1) | 344.6 (101) | 327.1 (95.9) | | |
| | 25 | (-3.9) | 393.9 (115.4) | 377.9 (110.8) | 362.2 (106.1) | 346.5 (101.5) | 330.8 (96.9) | 315.0 (92.3) | 299.0 (87.6) | | |
| | 20 | (-6.7) | 358.8 (105.2) | 344.2 (100.9) | 329.8 (96.7) | 315.4 (92.4) | 301.2 (88.3) | 286.8 (84.1) | 272.3 (79.8) | | |
| | 15 | (-9.4) | 325.7 (95.5) | 312.3 (91.5) | 299.1 (87.7) | 286.1 (83.8) | 273.2 (80.1) | 260.2 (76.3) | 247.0 (72.4) | | |
| | 10 | (-12.2) | 294.6 (86.3) | 282.3 (82.7) | 270.3 (79.2) | 258.5 (75.8) | 246.8 (72.3) | 235.1 (68.9) | 223.2 (65.4) | | |
| | 5 | (-15) | 265.4 (77.8) | 254.2 (74.5) | 243.3 (71.3) | 232.6 (68.2) | 222.1 (65.1) | 211.6 (62) | 201.0 (58.9) | | |
| 0 | (-17.8) | 238.4 (69.9) | 228.1 (66.8) | 218.2 (63.9) | 208.6 (61.1) | 199.1 (58.4) | 189.7 (55.6) | 180.2 (52.8) | | | |
| KVS051M8-A Compressor Model 6DUNR49ME | 30 | (-1.1) | 506.6 (148.5) | 487.3 (142.8) | 467.7 (137.1) | 447.9 (131.3) | 427.9 (125.4) | 407.8 (119.5) | 387.5 (113.6) | | |
| | 25 | (-3.9) | 464.2 (136) | 446.5 (130.9) | 428.4 (125.6) | 410.2 (120.2) | 391.8 (114.8) | 373.2 (109.4) | 354.5 (103.9) | | |
| | 20 | (-6.7) | 423.2 (124) | 406.9 (119.3) | 390.3 (114.4) | 373.6 (109.5) | 356.6 (104.5) | 339.5 (99.5) | 322.3 (94.5) | | |
| | 15 | (-9.4) | 383.9 (112.5) | 369.0 (108.1) | 353.8 (103.7) | 338.5 (99.2) | 322.9 (94.6) | 307.3 (90.1) | 291.5 (85.4) | | |
| | 10 | (-12.2) | 346.8 (101.6) | 333.3 (97.7) | 319.4 (93.6) | 305.4 (89.5) | 291.2 (85.3) | 276.9 (81.2) | 262.5 (76.9) | | |
| | 5 | (-15) | 312.6 (91.6) | 300.2 (88) | 287.6 (84.3) | 274.8 (80.5) | 261.9 (76.8) | 248.8 (72.9) | 235.7 (69.1) | | |
| 0 | (-17.8) | 281.6 (82.5) | 270.3 (79.2) | 258.9 (75.9) | 247.2 (72.4) | 235.5 (69) | 223.6 (65.5) | 211.7 (62) | | | |

CAPACITY DATA - R404A R507

LOW TEMP. HIGH EFFICIENCY MODELS

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R404A R507 AMBIENT TEMPERATURE °F (°C) | | | | | | | |
|---|---|-------------|--|--------------|--------------|--------------|--------------|--------------|--------------|-------------|
| | ° F | ° C | 85 (29.4) | 90 (32.2) | 95 (35) | 100 (37.8) | 105 (40.6) | 110 (43.3) | 115 (46.1) | |
| | KVS011L6-A Compressor Model 3DS3F46KE | 0 (-17.8) | | 91.1 (26.7) | 87.5 (25.6) | 84.0 (24.6) | 80.4 (23.6) | 76.9 (22.5) | 73.5 (21.5) | 70.1 (20.5) |
| -5 (-20.6) | | | 82.2 (24.1) | 79.0 (23.2) | 75.8 (22.2) | 72.6 (21.3) | 69.4 (20.3) | 66.3 (19.4) | 63.3 (18.6) | |
| -10 (-23.3) | | | 73.8 (21.6) | 71.0 (20.8) | 68.1 (20) | 65.2 (19.1) | 62.4 (18.3) | 59.5 (17.4) | 56.8 (16.6) | |
| -15 (-26.1) | | | 65.9 (19.3) | 63.4 (18.6) | 60.8 (17.8) | 58.2 (17.1) | 55.6 (16.3) | 53.1 (15.6) | 50.5 (14.8) | |
| -20 (-28.9) | | | 58.5 (17.1) | 56.3 (16.5) | 54.0 (15.8) | 51.6 (15.1) | 49.3 (14.4) | 46.9 (13.7) | 44.6 (13.1) | |
| -25 (-31.7) | | | 51.6 (15.1) | 49.6 (14.5) | 47.6 (14) | 45.4 (13.3) | 43.3 (12.7) | 41.1 (12) | 39.1 (11.5) | |
| -30 (-34.4) | | | 45.3 (13.3) | 43.5 (12.7) | 41.6 (12.2) | 39.6 (11.6) | 37.7 (11) | 35.7 (10.5) | 33.8 (9.9) | |
| -35 (-37.2) | | | 39.4 (11.5) | 37.8 (11.1) | 36.0 (10.6) | 34.2 (10) | 32.4 (9.5) | 30.6 (9) | 28.8 (8.4) | |
| -40 (-40) | | 34.1 (10) | 32.6 (9.6) | 30.9 (9.1) | 29.3 (8.6) | 27.6 (8.1) | 25.8 (7.6) | 24.1 (7.1) | | |
| KVS016L6-A Compressor Model 4DHN63KE | 0 (-17.8) | | 126.4 (37) | 121.4 (35.6) | 116.7 (34.2) | 112.1 (32.9) | 107.5 (31.5) | 102.9 (30.2) | 98.2 (28.8) | |
| | -5 (-20.6) | | 113.8 (33.4) | 109.2 (32) | 104.9 (30.7) | 100.8 (29.5) | 96.7 (28.3) | 92.5 (27.1) | 88.1 (25.8) | |
| | -10 (-23.3) | | 102.2 (30) | 98.1 (28.8) | 94.2 (27.6) | 90.5 (26.5) | 86.8 (25.4) | 83.0 (24.3) | 78.9 (23.1) | |
| | -15 (-26.1) | | 91.6 (26.8) | 87.9 (25.8) | 84.4 (24.7) | 81.0 (23.7) | 77.7 (22.8) | 74.2 (21.7) | 70.5 (20.7) | |
| | -20 (-28.9) | | 81.7 (23.9) | 78.4 (23) | 75.3 (22.1) | 72.3 (21.2) | 69.3 (20.3) | 66.2 (19.4) | 62.7 (18.4) | |
| | -25 (-31.7) | | 72.6 (21.3) | 69.6 (20.4) | 66.8 (19.6) | 64.1 (18.8) | 61.4 (18) | 58.5 (17.1) | 55.4 (16.2) | |
| | -30 (-34.4) | | 63.8 (18.7) | 61.2 (17.9) | 58.7 (17.2) | 56.3 (16.5) | 53.9 (15.8) | 51.2 (15) | 48.3 (14.2) | |
| | -35 (-37.2) | | 55.5 (16.3) | 53.1 (15.6) | 50.9 (14.9) | 48.7 (14.3) | 46.5 (13.6) | 44.0 (12.9) | 41.3 (12.1) | |
| -40 (-40) | | 47.2 (13.8) | 45.1 (13.2) | 43.1 (12.6) | 41.2 (12.1) | 39.1 (11.5) | 36.8 (10.8) | 34.2 (10) | | |
| KVS023L6-A Compressor Model 4DJNF76KE | 0 (-17.8) | | 149.5 (43.8) | 142.7 (41.8) | 136.3 (39.9) | 130.2 (38.2) | 124.3 (36.4) | 118.8 (34.8) | 113.6 (33.3) | |
| | -5 (-20.6) | | 135.5 (39.7) | 129.4 (37.9) | 123.6 (36.2) | 118.0 (34.6) | 112.6 (33) | 107.5 (31.5) | 102.7 (30.1) | |
| | -10 (-23.3) | | 122.3 (35.8) | 116.8 (34.2) | 111.5 (32.7) | 106.4 (31.2) | 101.5 (29.7) | 96.8 (28.4) | 92.3 (27.1) | |
| | -15 (-26.1) | | 109.9 (32.2) | 104.9 (30.7) | 100.1 (29.3) | 95.5 (28) | 91.0 (26.7) | 86.6 (25.4) | 82.3 (24.1) | |
| | -20 (-28.9) | | 98.1 (28.8) | 93.7 (27.5) | 89.3 (26.2) | 85.1 (24.9) | 80.9 (23.7) | 76.8 (22.5) | 72.7 (21.3) | |
| | -25 (-31.7) | | 86.9 (25.5) | 82.9 (24.3) | 79.0 (23.2) | 75.1 (22) | 71.3 (20.9) | 67.4 (19.8) | 63.5 (18.6) | |
| | -30 (-34.4) | | 76.2 (22.3) | 72.7 (21.3) | 69.2 (20.3) | 65.6 (19.2) | 61.9 (18.1) | 58.2 (17.1) | 54.4 (15.9) | |
| | -35 (-37.2) | | 66.1 (19.4) | 62.9 (18.4) | 59.7 (17.5) | 56.3 (16.5) | 52.8 (15.5) | 49.2 (14.4) | 45.5 (13.3) | |
| -40 (-40) | | 56.3 (16.5) | 53.5 (15.7) | 50.5 (14.8) | 47.3 (13.9) | 43.9 (12.9) | 40.4 (11.8) | 36.6 (10.7) | | |
| KVS028L6-A Compressor Model 6DHN93KE | 0 (-17.8) | | 187.0 (54.8) | 179.5 (52.6) | 172.2 (50.5) | 165.0 (48.4) | 157.8 (46.2) | 150.6 (44.1) | - | |
| | -5 (-20.6) | | 169.2 (49.6) | 162.4 (47.6) | 155.8 (45.7) | 149.3 (43.8) | 142.8 (41.9) | 136.2 (39.9) | 129.4 (37.9) | |
| | -10 (-23.3) | | 152.0 (44.5) | 145.9 (42.8) | 140.0 (41) | 134.1 (39.3) | 128.1 (37.5) | 122.1 (35.8) | 115.8 (33.9) | |
| | -15 (-26.1) | | 135.6 (39.7) | 130.1 (38.1) | 124.8 (36.6) | 119.4 (35) | 114.0 (33.4) | 108.5 (31.8) | 102.7 (30.1) | |
| | -20 (-28.9) | | 120.1 (35.2) | 115.1 (33.7) | 110.3 (32.3) | 105.5 (30.9) | 100.5 (29.5) | 95.4 (28) | 90.1 (26.4) | |
| | -25 (-31.7) | | 105.5 (30.9) | 101.0 (29.6) | 96.7 (28.3) | 92.3 (27.1) | 87.7 (25.7) | 83.0 (24.3) | 78.0 (22.9) | |
| | -30 (-34.4) | | 92.0 (27) | 88.0 (25.8) | 84.0 (24.6) | 79.9 (23.4) | 75.7 (22.2) | 71.3 (20.9) | 66.5 (19.5) | |
| | -35 (-37.2) | | 79.7 (23.4) | 76.0 (22.3) | 72.3 (21.2) | 68.5 (20.1) | 64.6 (18.9) | 60.4 (17.7) | 55.8 (16.4) | |
| -40 (-40) | | 68.6 (20.1) | 65.2 (19.1) | 61.7 (18.1) | 58.2 (17.1) | 54.4 (15.9) | 50.3 (14.7) | 45.8 (13.4) | | |
| KVS031L6-A Compressor Model 6DJNF11ME | 0 (-17.8) | | 206.3 (60.5) | 197.2 (57.8) | 188.3 (55.2) | 179.6 (52.6) | 171.0 (50.1) | 162.6 (47.7) | --- | |
| | -5 (-20.6) | | 186.4 (54.6) | 178.3 (52.3) | 170.2 (49.9) | 162.3 (47.6) | 154.6 (45.3) | 147.0 (43.1) | --- | |
| | -10 (-23.3) | | 167.5 (49.1) | 160.2 (46.9) | 153.1 (44.9) | 145.9 (42.8) | 139.0 (40.7) | 132.1 (38.7) | 125.5 (36.8) | |
| | -15 (-26.1) | | 149.7 (43.9) | 143.2 (42) | 136.8 (40.1) | 130.4 (38.2) | 124.1 (36.4) | 117.9 (34.6) | 111.9 (32.8) | |
| | -20 (-28.9) | | 133.0 (39) | 127.2 (37.3) | 121.4 (35.6) | 115.7 (33.9) | 109.9 (32.2) | 104.3 (30.6) | 98.8 (29) | |
| | -25 (-31.7) | | 117.4 (34.4) | 112.2 (32.9) | 107.0 (31.4) | 101.8 (29.8) | 96.5 (28.3) | 91.4 (26.8) | 86.3 (25.3) | |
| | -30 (-34.4) | | 102.9 (30.2) | 98.3 (28.8) | 93.5 (27.4) | 88.7 (26) | 83.9 (24.6) | 79.1 (23.2) | 74.3 (21.8) | |
| | -35 (-37.2) | | 89.6 (26.3) | 85.3 (25) | 80.9 (23.7) | 76.4 (22.4) | 71.9 (21.1) | 67.4 (19.8) | 62.8 (18.4) | |
| -40 (-40) | | 77.3 (22.7) | 73.4 (21.5) | 69.2 (20.3) | 64.9 (19) | 60.6 (17.8) | 56.2 (16.5) | 51.8 (15.2) | | |
| KVS041L6-A Compressor Model 6DUNF13ME | 0 (-17.8) | | 259.0 (75.9) | 247.8 (72.6) | 236.9 (69.4) | 226.3 (66.3) | 216.2 (63.4) | 206.7 (60.6) | - | |
| | -5 (-20.6) | | 233.9 (68.5) | 223.2 (65.4) | 212.8 (62.4) | 202.7 (59.4) | 193.0 (56.6) | 183.7 (53.8) | - | |
| | -10 (-23.3) | | 211.3 (61.9) | 201.3 (59) | 191.5 (56.1) | 181.9 (53.3) | 172.6 (50.6) | 163.7 (48) | 155.2 (45.5) | |
| | -15 (-26.1) | | 190.7 (55.9) | 181.4 (53.2) | 172.2 (50.5) | 163.2 (47.8) | 154.4 (45.3) | 145.9 (42.8) | 137.9 (40.4) | |
| | -20 (-28.9) | | 171.5 (50.3) | 163.0 (47.8) | 154.5 (45.3) | 146.1 (42.8) | 137.9 (40.4) | 129.9 (38.1) | 122.3 (35.8) | |
| | -25 (-31.7) | | 153.2 (44.9) | 145.5 (42.6) | 137.8 (40.4) | 130.0 (38.1) | 122.4 (35.9) | 115.0 (33.7) | 107.8 (31.6) | |
| | -30 (-34.4) | | 135.1 (39.6) | 128.3 (37.6) | 121.4 (35.6) | 114.4 (33.5) | 107.4 (31.5) | 100.6 (29.5) | 93.9 (27.5) | |
| | -35 (-37.2) | | 116.7 (34.2) | 110.8 (32.5) | 104.7 (30.7) | 98.5 (28.9) | 92.2 (27) | 86.0 (25.2) | 79.9 (23.4) | |
| -40 (-40) | | 97.2 (28.5) | 92.3 (27.1) | 87.1 (25.5) | 81.7 (23.9) | 76.2 (22.3) | 70.7 (20.7) | 65.2 (19.1) | | |

CAPACITY DATA - R404A R507

LOW TEMP. HIGH EFFICIENCY MODELS

w/ 850RPM CONDENSER MOTOR(S)

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R404A R507 AMBIENT TEMPERATURE °F (°C) | | | | | | | | | | | | | |
|---|-------------------------------|---------|--|---------|--------|---------|--------|---------|--------|--------|--------|---------|--------|--------|--------|--------|
| | ° F | ° C | 85 | (29.4) | 90 | (32.2) | 95 | (35) | 100 | (37.8) | 105 | (40.6) | 110 | (43.3) | 115 | (46.1) |
| | | | | | | | | | | | | | | | | |
| KVS025D6-A Compressor Model 3DS3F46KE | 0 | (-17.8) | 187.8 | (55) | 178.6 | (52.3) | 169.6 | (49.7) | 160.4 | (47) | 151.2 | (44.3) | 142.2 | (41.7) | 133.2 | (39) |
| | -5 | (-20.6) | 168.0 | (49.2) | 159.8 | (46.8) | 151.4 | (44.4) | 143.2 | (42) | 135.0 | (39.6) | 126.8 | (37.2) | 118.4 | (34.7) |
| | -10 | (-23.3) | 149.4 | (43.8) | 142.0 | (41.6) | 134.6 | (39.4) | 127.0 | (37.2) | 119.6 | (35.1) | 112.2 | (32.9) | 104.8 | (30.7) |
| | -15 | (-26.1) | 132.2 | (38.7) | 125.4 | (36.8) | 118.8 | (34.8) | 112.0 | (32.8) | 105.4 | (30.9) | 98.6 | (28.9) | 92.0 | (27) |
| | -20 | (-28.9) | 116.0 | (34) | 110.0 | (32.2) | 104.0 | (30.5) | 98.0 | (28.7) | 92.0 | (27) | 86.0 | (25.2) | 80.0 | (23.4) |
| | -25 | (-31.7) | 101.2 | (29.7) | 95.8 | (28.1) | 90.4 | (26.5) | 85.0 | (24.9) | 79.6 | (23.3) | 74.2 | (21.7) | 69.0 | (20.2) |
| | -30 | (-34.4) | 87.4 | (25.6) | 82.6 | (24.2) | 77.8 | (22.8) | 73.0 | (21.4) | 68.2 | (20) | 63.4 | (18.6) | 58.6 | (17.2) |
| | -35 | (-37.2) | 74.6 | (21.9) | 70.4 | (20.6) | 66.0 | (19.3) | 61.8 | (18.1) | 57.4 | (16.8) | 53.2 | (15.6) | 49.0 | (14.4) |
| -40 | (-40) | 63.0 | (18.5) | 59.2 | (17.3) | 55.2 | (16.2) | 51.4 | (15.1) | 47.6 | (14) | 43.8 | (12.8) | 40.0 | (11.7) | |
| KVS031D6-A Compressor Model 4DHNF63KE | 0 | (-17.8) | 269.4 | (79) | 257.6 | (75.5) | 245.6 | (72) | 233.6 | (68.5) | 221.6 | (64.9) | 209.6 | (61.4) | 197.8 | (58) |
| | -5 | (-20.6) | 241.6 | (70.8) | 230.8 | (67.6) | 220.0 | (64.5) | 209.2 | (61.3) | 198.2 | (58.1) | 187.4 | (54.9) | 176.8 | (51.8) |
| | -10 | (-23.3) | 215.6 | (63.2) | 205.8 | (60.3) | 196.0 | (57.4) | 186.2 | (54.6) | 176.6 | (51.8) | 166.8 | (48.9) | 157.2 | (46.1) |
| | -15 | (-26.1) | 191.2 | (56) | 182.4 | (53.5) | 173.8 | (50.9) | 165.0 | (48.4) | 156.2 | (45.8) | 147.4 | (43.2) | 138.8 | (40.7) |
| | -20 | (-28.9) | 168.6 | (49.4) | 160.8 | (47.1) | 152.8 | (44.8) | 145.0 | (42.5) | 137.2 | (40.2) | 129.4 | (37.9) | 121.6 | (35.6) |
| | -25 | (-31.7) | 147.4 | (43.2) | 140.6 | (41.2) | 133.6 | (39.2) | 126.6 | (37.1) | 119.6 | (35.1) | 112.6 | (33) | 105.8 | (31) |
| | -30 | (-34.4) | 128.0 | (37.5) | 121.8 | (35.7) | 115.6 | (33.9) | 109.2 | (32) | 103.0 | (30.2) | 97.0 | (28.4) | 90.8 | (26.6) |
| | -35 | (-37.2) | 109.8 | (32.2) | 104.4 | (30.6) | 98.8 | (29) | 93.2 | (27.3) | 87.8 | (25.7) | 82.2 | (24.1) | 76.8 | (22.5) |
| -40 | (-40) | 93.2 | (27.3) | 88.2 | (25.8) | 83.4 | (24.4) | 78.4 | (23) | 73.4 | (21.5) | 68.6 | (20.1) | 63.8 | (18.7) | |
| KVS041D6-A Compressor Model 4DJNF76KE | 0 | (-17.8) | 306.4 | (89.8) | 292.8 | (85.8) | 279.2 | (81.8) | 265.8 | (77.9) | 252.2 | (73.9) | 238.6 | (69.9) | 225.2 | (66) |
| | -5 | (-20.6) | 275.8 | (80.8) | 263.6 | (77.3) | 251.4 | (73.7) | 239.2 | (70.1) | 227.0 | (66.5) | 214.8 | (63) | 202.6 | (59.4) |
| | -10 | (-23.3) | 247.0 | (72.4) | 236.2 | (69.2) | 225.2 | (66) | 214.2 | (62.8) | 203.2 | (59.6) | 192.2 | (56.3) | 181.4 | (53.2) |
| | -15 | (-26.1) | 220.0 | (64.5) | 210.4 | (61.7) | 200.6 | (58.8) | 190.6 | (55.9) | 180.8 | (53) | 171.2 | (50.2) | 161.4 | (47.3) |
| | -20 | (-28.9) | 194.8 | (57.1) | 186.2 | (54.6) | 177.4 | (52) | 168.8 | (49.5) | 160.0 | (46.9) | 151.2 | (44.3) | 142.6 | (41.8) |
| | -25 | (-31.7) | 171.2 | (50.2) | 163.6 | (47.9) | 155.8 | (45.7) | 148.2 | (43.4) | 140.4 | (41.1) | 132.8 | (38.9) | 125.0 | (36.6) |
| | -30 | (-34.4) | 149.4 | (43.8) | 142.6 | (41.8) | 135.8 | (39.8) | 129.0 | (37.8) | 122.0 | (35.8) | 115.4 | (33.8) | 108.6 | (31.8) |
| | -35 | (-37.2) | 129.0 | (37.8) | 123.0 | (36) | 117.0 | (34.3) | 111.0 | (32.5) | 105.0 | (30.8) | 99.0 | (29) | 93.0 | (27.3) |
| -40 | (-40) | 110.2 | (32.3) | 105.0 | (30.8) | 99.6 | (29.2) | 94.2 | (27.6) | 88.8 | (26) | 83.6 | (24.5) | 78.4 | (23) | |
| KVS051D6-A Compressor Model 6DHNF93KE | 0 | (-17.8) | 379.0 | (111.1) | 361.8 | (106) | 344.8 | (101.1) | 327.8 | (96.1) | 310.8 | (91.1) | 293.8 | (86.1) | 277.0 | (81.2) |
| | -5 | (-20.6) | 341.2 | (100) | 325.6 | (95.4) | 310.2 | (90.9) | 294.8 | (86.4) | 279.4 | (81.9) | 263.8 | (77.3) | 248.4 | (72.8) |
| | -10 | (-23.3) | 305.6 | (89.6) | 291.6 | (85.5) | 277.6 | (81.4) | 263.6 | (77.3) | 249.6 | (73.2) | 235.6 | (69) | 221.8 | (65) |
| | -15 | (-26.1) | 272.0 | (79.7) | 259.4 | (76) | 246.8 | (72.3) | 234.2 | (68.6) | 221.6 | (64.9) | 209.0 | (61.3) | 196.6 | (57.6) |
| | -20 | (-28.9) | 240.6 | (70.5) | 229.4 | (67.2) | 218.0 | (63.9) | 206.8 | (60.6) | 195.4 | (57.3) | 184.2 | (54) | 172.8 | (50.6) |
| | -25 | (-31.7) | 211.4 | (62) | 201.2 | (59) | 191.2 | (56) | 181.0 | (53) | 170.8 | (50.1) | 160.8 | (47.1) | 150.6 | (44.1) |
| | -30 | (-34.4) | 184.0 | (53.9) | 175.0 | (51.3) | 166.0 | (48.6) | 156.8 | (46) | 147.8 | (43.3) | 138.8 | (40.7) | 129.6 | (38) |
| | -35 | (-37.2) | 158.8 | (46.5) | 150.6 | (44.1) | 142.4 | (41.7) | 134.4 | (39.4) | 126.2 | (37) | 118.2 | (34.6) | 110.0 | (32.2) |
| -40 | (-40) | 135.2 | (39.6) | 127.8 | (37.5) | 120.6 | (35.3) | 113.2 | (33.2) | 106.0 | (31.1) | 98.8 | (29) | 91.4 | (26.8) | |
| KVS061D6-A Compressor Model 6DJNF11ME | 0 | (-17.8) | 432.4 | (126.7) | 413.4 | (121.2) | 394.4 | (115.6) | 375.4 | (110) | 356.4 | (104.5) | 337.2 | (98.8) | 317.8 | (93.1) |
| | -5 | (-20.6) | 391.8 | (114.8) | 374.8 | (109.8) | 357.6 | (104.8) | 340.4 | (99.8) | 323.2 | (94.7) | 305.8 | (89.6) | 288.4 | (84.5) |
| | -10 | (-23.3) | 353.4 | (103.6) | 338.0 | (99.1) | 322.6 | (94.5) | 307.2 | (90) | 291.6 | (85.5) | 276.0 | (80.9) | 260.2 | (76.3) |
| | -15 | (-26.1) | 316.8 | (92.8) | 303.2 | (88.9) | 289.4 | (84.8) | 275.6 | (80.8) | 261.6 | (76.7) | 247.6 | (72.6) | 233.4 | (68.4) |
| | -20 | (-28.9) | 282.4 | (82.8) | 270.2 | (79.2) | 258.0 | (75.6) | 245.6 | (72) | 233.2 | (68.3) | 220.6 | (64.7) | 207.8 | (60.9) |
| | -25 | (-31.7) | 250.2 | (73.3) | 239.2 | (70.1) | 228.4 | (66.9) | 217.4 | (63.7) | 206.2 | (60.4) | 195.0 | (57.1) | 183.6 | (53.8) |
| | -30 | (-34.4) | 219.8 | (64.4) | 210.2 | (61.6) | 200.4 | (58.7) | 190.6 | (55.9) | 180.8 | (53) | 170.8 | (50.1) | 160.6 | (47.1) |
| | -35 | (-37.2) | 191.6 | (56.2) | 182.8 | (53.6) | 174.2 | (51.1) | 165.6 | (48.5) | 156.6 | (45.9) | 147.8 | (43.3) | 138.6 | (40.6) |
| -40 | (-40) | 165.2 | (48.4) | 157.4 | (46.1) | 149.6 | (43.8) | 141.8 | (41.6) | 133.8 | (39.2) | 125.8 | (36.9) | 117.6 | (34.5) | |

CAPACITY DATA - R407A
HIGH TEMP. HIGH EFFICIENCY MODELS

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE °F °C | CAPACITY MBH (KW) R407A AMBIENT TEMPERATURE °F (°C) | | | | | | | |
|---------------------------------------|-------------------------------------|---|---------------|----------------|---------------|---------------|---------------|---------------|--|
| | | 85 (29.4) | 90 (32.2) | 95 (35.0) | 100 (37.8) | 105 (40.6) | 110 (43.3) | 115 (46.1) | |
| KVD031H8-A Compressor 3DS3R17ME | 45 (7.2) | 449.4 (131.7) | 432.2 (126.7) | 415.2 (121.7) | 398.4 (116.8) | 381.6 (111.8) | 365.2 (107) | 349.2 (102.3) | |
| | 40 (4.4) | 410.8 (120.4) | 395.2 (115.8) | 379.8 (111.3) | 364.8 (106.9) | 349.8 (102.5) | 335.2 (98.2) | 320.4 (93.9) | |
| | 35 (1.7) | 374.0 (109.6) | 360.2 (105.6) | 346.6 (101.6) | 332.8 (97.5) | 319.4 (93.6) | 306.0 (89.7) | 293.0 (85.9) | |
| KVD041H8-A Compressor 4DANR18ME | 45 (7.2) | 509.4 (149.3) | 490.4 (143.7) | 471.0 (138) | 451.2 (132.2) | 430.6 (126.2) | 409.4 (120) | 387.6 (113.6) | |
| | 40 (4.4) | 462.8 (135.6) | 445.6 (130.6) | 428.0 (125.4) | 409.8 (120.1) | 391.2 (114.6) | 372.0 (109) | 352.2 (103.2) | |
| | 35 (1.7) | 419.2 (122.9) | 403.6 (118.3) | 387.8 (113.7) | 371.4 (108.8) | 354.8 (104) | 337.4 (98.9) | 319.4 (93.6) | |
| KVD045H8-A Compressor 4DBNR20ME | 45 (7.2) | 576.4 (168.9) | 555.4 (162.8) | 534.6 (156.7) | 513.8 (150.6) | 493.0 (144.5) | 472.2 (138.4) | 451.6 (132.4) | |
| | 40 (4.4) | 524.4 (153.7) | 505.2 (148.1) | 486.0 (142.4) | 466.8 (136.8) | 448.0 (131.3) | 428.8 (125.7) | 409.8 (120.1) | |
| | 35 (1.7) | 475.6 (139.4) | 458.2 (134.3) | 440.8 (129.2) | 423.2 (124) | 405.8 (118.9) | 388.2 (113.8) | 370.8 (108.7) | |
| KVD051H8-A Compressor 4DHNR22ME | 45 (7.2) | 646.6 (189.5) | 623.0 (182.6) | 599.2 (175.6) | 574.4 (168.3) | 549.6 (161.1) | 524.4 (153.7) | 499.2 (146.3) | |
| | 40 (4.4) | 593.8 (174) | 572.0 (167.6) | 549.6 (161.1) | 526.6 (154.3) | 503.6 (147.6) | 480.2 (140.7) | 457.0 (133.9) | |
| | 35 (1.7) | 542.0 (158.8) | 521.8 (152.9) | 501.0 (146.8) | 480.0 (140.7) | 458.6 (134.4) | 437.2 (128.1) | 415.6 (121.8) | |
| KVD061H8-A Compressor 4DJNR28ME | 45 (7.2) | 756.2 (221.6) | 729.6 (213.8) | 702.2 (205.8) | 674.2 (197.6) | 645.2 (189.1) | 615.8 (180.5) | 585.4 (171.6) | |
| | 40 (4.4) | 692.4 (202.9) | 667.6 (195.7) | 642.4 (188.3) | 616.4 (180.6) | 589.6 (172.8) | 562.4 (164.8) | 534.6 (156.7) | |
| | 35 (1.7) | 631.0 (184.9) | 608.4 (178.3) | 584.8 (171.4) | 561.2 (164.5) | 536.6 (157.3) | 511.8 (150) | 486.6 (142.6) | |
| KVD071H8-A Compressor 6DHNR35ME | 45 (7.2) | 931.0 (272.8) | 903.6 (264.8) | 875.4 (256.6) | 846.8 (248.2) | 816.6 (239.3) | 785.4 (230.2) | 752.4 (220.5) | |
| | 40 (4.4) | 845.2 (247.7) | 819.8 (240.3) | 793.8 (232.6) | 767.0 (224.8) | 739.2 (216.6) | 710.2 (208.1) | 679.6 (199.2) | |
| | 35 (1.7) | 768.0 (225.1) | 744.4 (218.2) | 720.6 (211.2) | 695.8 (203.9) | 670.2 (196.4) | 643.4 (188.6) | 615.4 (180.4) | |
| KVD081H8-A Compressor 6DJNR40ME | 45 (7.2) | 1128.6 (330.8) | 1085.2 (318) | 1041.6 (305.3) | 997.2 (292.2) | 952.6 (279.2) | 907.4 (265.9) | 862.2 (252.7) | |
| | 40 (4.4) | 1021.4 (299.3) | 983.8 (288.3) | 945.8 (277.2) | 907.0 (265.8) | 868.0 (254.4) | 828.4 (242.8) | 788.8 (231.2) | |
| | 35 (1.7) | 925.0 (271.1) | 892.6 (261.6) | 859.4 (251.9) | 825.8 (242) | 791.4 (231.9) | 757.0 (221.9) | 722.2 (211.7) | |

NOTES: - Above ratings are based on mean temperature. - To convert to dew point ratings, use 0.95 multiplier.

CAPACITY DATA - **R407A**

MEDIUM TEMP. HIGH EFFICIENCY MODELS

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R407A AMBIENT TEMPERATURE °F (°C) | | | | | | |
|---|-------------------------------|---------------|--|---------------|---------------|---------------|---------------|---------------|---------------|
| | °F | °C | 85 (29.4) | 90 (32.2) | 95 (35.0) | 100 (37.8) | 105 (40.6) | 110 (43.3) | 115 (46.1) |
| KVD031M8-A Compressor Model 3DS3R17ME | 30 | (-1.1) | 339.2 (99.4) | 326.8 (95.8) | 314.6 (92.2) | 302.4 (88.6) | 290.2 (85.1) | 278.3 (81.5) | 265.7 (77.9) |
| | 25 | (-3.9) | 306.2 (89.7) | 295.3 (86.5) | 284.3 (83.3) | 273.4 (80.1) | 262.5 (76.9) | 251.6 (73.7) | 241.1 (70.7) |
| | 20 | (-6.7) | 275.5 (80.7) | 265.7 (77.9) | 255.8 (75) | 245.9 (72.1) | 236.0 (69.2) | 226.2 (66.3) | 216.3 (63.4) |
| | 15 | (-9.4) | 246.5 (72.3) | 237.7 (69.7) | 228.9 (67.1) | 219.9 (64.4) | 210.8 (61.8) | 201.8 (59.1) | 192.6 (56.4) |
| | 10 | (-12.2) | 219.9 (64.4) | 211.9 (62.1) | 203.7 (59.7) | 195.5 (57.3) | 187.1 (54.8) | 178.5 (52.3) | 169.9 (49.8) |
| | 5 | (-15) | 195.1 (57.2) | 187.7 (55) | 180.2 (52.8) | 172.4 (50.5) | 164.4 (48.2) | 156.5 (45.9) | 148.1 (43.4) |
| 0 | (-17.8) | 172.4 (50.5) | 165.5 (48.5) | 158.3 (46.4) | 150.8 (44.2) | 143.2 (42) | 135.2 (39.6) | 127.1 (37.2) | |
| KVD044M8-A Compressor Model 4DANR18ME | 30 | (-1.1) | 378.6 (111) | 364.6 (106.9) | 350.4 (102.7) | 335.8 (98.4) | 320.8 (94) | 305.2 (89.4) | 289.2 (84.8) |
| | 25 | (-3.9) | 341.0 (99.9) | 328.4 (96.2) | 315.6 (92.5) | 302.6 (88.7) | 289.2 (84.8) | 275.4 (80.7) | 261.2 (76.5) |
| | 20 | (-6.7) | 306.0 (89.7) | 294.8 (86.4) | 283.4 (83.1) | 271.8 (79.7) | 260.0 (76.2) | 247.8 (72.6) | 235.2 (68.9) |
| | 15 | (-9.4) | 273.4 (80.1) | 263.4 (77.2) | 253.4 (74.3) | 243.2 (71.3) | 232.8 (68.2) | 222.2 (65.1) | 211.2 (61.9) |
| | 10 | (-12.2) | 243.2 (71.3) | 234.2 (68.6) | 225.4 (66.1) | 216.4 (63.4) | 207.4 (60.8) | 198.2 (58.1) | 188.8 (55.3) |
| | 5 | (-15) | 215.0 (63) | 207.0 (60.7) | 199.2 (58.4) | 191.4 (56.1) | 183.8 (53.9) | 175.8 (51.5) | 167.8 (49.2) |
| 0 | (-17.8) | 188.6 (55.3) | 181.6 (53.2) | 174.8 (51.2) | 168.0 (49.2) | 161.4 (47.3) | 154.6 (45.3) | 147.8 (43.3) | |
| KVD045M8-A Compressor Model 4DBNR20ME | 30 | (-1.1) | 430.5 (126.2) | 414.5 (121.5) | 398.6 (116.8) | 382.6 (112.1) | 366.9 (107.5) | 350.9 (102.8) | 334.5 (98) |
| | 25 | (-3.9) | 388.3 (113.8) | 373.8 (109.5) | 359.5 (105.4) | 345.0 (101.1) | 330.8 (96.9) | 316.3 (92.7) | 301.4 (88.3) |
| | 20 | (-6.7) | 349.2 (102.3) | 336.4 (98.6) | 323.4 (94.8) | 310.4 (91) | 297.4 (87.1) | 284.1 (83.3) | 271.1 (79.5) |
| | 15 | (-9.4) | 313.3 (91.8) | 301.6 (88.4) | 290.0 (85) | 278.3 (81.5) | 266.5 (78.1) | 254.5 (74.6) | 242.1 (71) |
| | 10 | (-12.2) | 279.9 (82) | 269.4 (79) | 259.1 (75.9) | 248.6 (72.9) | 237.9 (69.7) | 227.2 (66.6) | 216.5 (63.5) |
| | 5 | (-15) | 249.3 (73.1) | 239.8 (70.3) | 230.6 (67.6) | 221.1 (64.8) | 211.7 (62) | 202.0 (59.2) | 192.4 (56.4) |
| 0 | (-17.8) | 220.7 (64.7) | 212.5 (62.3) | 204.3 (59.9) | 195.7 (57.4) | 187.3 (54.9) | 178.5 (52.3) | 169.7 (49.7) | |
| KVD051M8-A Compressor Model 4DHNR22ME | 30 | (-1.1) | 491.6 (144.1) | 473.1 (138.7) | 454.0 (133.1) | 434.5 (127.3) | 415.0 (121.6) | 395.2 (115.8) | 375.5 (110) |
| | 25 | (-3.9) | 442.9 (129.8) | 425.9 (124.8) | 408.5 (119.7) | 390.8 (114.5) | 372.8 (109.2) | 354.9 (104) | 336.8 (98.7) |
| | 20 | (-6.7) | 396.3 (116.1) | 380.9 (111.6) | 365.2 (107) | 349.0 (102.3) | 332.9 (97.5) | 316.7 (92.8) | 300.9 (88.2) |
| | 15 | (-9.4) | 352.2 (103.2) | 338.5 (99.2) | 324.2 (95) | 309.8 (90.8) | 295.3 (86.5) | 281.0 (82.3) | 266.9 (78.2) |
| | 10 | (-12.2) | 311.2 (91.2) | 298.8 (87.6) | 286.2 (83.9) | 273.4 (80.1) | 260.6 (76.4) | 248.2 (72.7) | 236.0 (69.2) |
| | 5 | (-15) | 273.4 (80.1) | 262.5 (76.9) | 251.6 (73.7) | 240.5 (70.5) | 229.3 (67.2) | 218.6 (64.1) | 208.3 (61.1) |
| 0 | (-17.8) | 239.4 (70.2) | 230.2 (67.5) | 220.5 (64.6) | 211.1 (61.9) | 201.6 (59.1) | 192.8 (56.5) | 184.2 (54) | |
| KVD061M8-A Compressor Model 4DJNR28ME | 30 | (-1.1) | 572.5 (167.8) | 551.7 (161.7) | 530.3 (155.4) | 508.4 (149) | 486.2 (142.5) | 463.7 (135.9) | 441.2 (129.3) |
| | 25 | (-3.9) | 516.8 (151.5) | 497.7 (145.9) | 478.2 (140.1) | 458.4 (134.4) | 438.5 (128.5) | 418.1 (122.5) | 397.1 (116.4) |
| | 20 | (-6.7) | 463.9 (136) | 446.5 (130.8) | 429.0 (125.7) | 411.4 (120.6) | 393.5 (115.3) | 375.5 (110) | 357.2 (104.7) |
| | 15 | (-9.4) | 414.1 (121.4) | 398.4 (116.8) | 382.8 (112.2) | 367.1 (107.6) | 351.5 (103) | 335.8 (98.4) | 320.3 (93.9) |
| | 10 | (-12.2) | 367.3 (107.6) | 353.4 (103.6) | 339.6 (99.5) | 325.9 (95.5) | 312.5 (91.6) | 299.3 (87.7) | 286.0 (83.8) |
| | 5 | (-15) | 323.6 (94.8) | 311.6 (91.3) | 299.7 (87.8) | 287.9 (84.4) | 276.6 (81.1) | 265.7 (77.9) | 254.9 (74.7) |
| 0 | (-17.8) | 283.5 (83.1) | 273.0 (80) | 262.9 (77.1) | 253.3 (74.2) | 244.0 (71.5) | 235.4 (69) | 227.2 (66.6) | |
| KVD071M8-A Compressor Model 6DHNR35ME | 30 | (-1.1) | 698.3 (204.6) | 676.6 (198.3) | 654.6 (191.8) | 632.1 (185.2) | 608.6 (178.4) | 584.2 (171.2) | 558.4 (163.6) |
| | 25 | (-3.9) | 634.8 (186) | 615.1 (180.3) | 595.1 (174.4) | 574.8 (168.4) | 553.4 (162.2) | 531.3 (155.7) | 507.8 (148.8) |
| | 20 | (-6.7) | 576.7 (169) | 558.8 (163.8) | 541.0 (158.5) | 522.5 (153.1) | 503.6 (147.6) | 483.6 (141.7) | 462.4 (135.5) |
| | 15 | (-9.4) | 522.5 (153.1) | 506.5 (148.4) | 490.8 (143.8) | 474.4 (139) | 457.6 (134.1) | 440.0 (128.9) | 421.3 (123.5) |
| | 10 | (-12.2) | 471.2 (138.1) | 457.4 (134) | 443.5 (130) | 429.5 (125.9) | 414.8 (121.6) | 399.4 (117.1) | 383.3 (112.3) |
| | 5 | (-15) | 421.5 (123.5) | 409.7 (120.1) | 398.0 (116.6) | 386.0 (113.1) | 373.8 (109.5) | 360.8 (105.7) | 346.9 (101.7) |
| 0 | (-17.8) | 372.3 (109.1) | 362.5 (106.2) | 352.8 (103.4) | 343.1 (100.6) | 333.3 (97.7) | 322.6 (94.5) | 311.2 (91.2) | |
| KVD081M8-A Compressor Model 6DJNR40ME | 30 | (-1.1) | 838.3 (245.7) | 810.2 (237.4) | 781.4 (229) | 752.0 (220.4) | 722.2 (211.7) | 691.7 (202.7) | 661.1 (193.7) |
| | 25 | (-3.9) | 760.0 (222.7) | 735.4 (215.5) | 710.4 (208.2) | 684.6 (200.6) | 658.1 (192.9) | 631.5 (185.1) | 604.4 (177.1) |
| | 20 | (-6.7) | 688.8 (201.9) | 667.2 (195.5) | 644.9 (189) | 621.8 (182.2) | 598.3 (175.3) | 574.1 (168.3) | 549.8 (161.1) |
| | 15 | (-9.4) | 623.3 (182.7) | 603.5 (176.9) | 583.4 (171) | 562.4 (164.8) | 540.8 (158.5) | 518.7 (152) | 496.2 (145.4) |
| | 10 | (-12.2) | 561.5 (164.6) | 543.3 (159.2) | 524.0 (153.6) | 504.2 (147.8) | 483.8 (141.8) | 462.8 (135.6) | 441.6 (129.4) |
| | 5 | (-15) | 502.1 (147.2) | 484.1 (141.9) | 465.4 (136.4) | 445.8 (130.7) | 425.7 (124.8) | 405.1 (118.7) | 384.3 (112.6) |
| 0 | (-17.8) | 443.1 (129.9) | 424.6 (124.4) | 405.5 (118.8) | 385.6 (113) | 365.0 (107) | 344.0 (100.8) | 322.6 (94.5) | |
| KVD101M8-A Compressor Model 6DUNR49ME | 30 | (-1.1) | 976.7 (286.2) | 945.6 (277.1) | 914.8 (268.1) | 883.9 (259) | 852.8 (249.9) | 821.3 (240.7) | 789.2 (231.3) |
| | 25 | (-3.9) | 888.9 (260.5) | 861.2 (252.4) | 833.3 (244.2) | 805.4 (236) | 776.8 (227.7) | 747.6 (219.1) | 717.8 (210.4) |
| | 20 | (-6.7) | 806.0 (236.2) | 780.8 (228.8) | 755.6 (221.4) | 730.0 (213.9) | 703.5 (206.2) | 676.2 (198.2) | 647.9 (189.9) |
| | 15 | (-9.4) | 727.4 (213.2) | 704.8 (206.5) | 681.5 (199.7) | 657.5 (192.7) | 632.7 (185.4) | 606.7 (177.8) | 579.6 (169.9) |
| | 10 | (-12.2) | 653.3 (191.5) | 632.3 (185.3) | 610.5 (178.9) | 587.8 (172.3) | 564.1 (165.3) | 539.1 (158) | 512.6 (150.2) |
| | 5 | (-15) | 583.4 (171) | 563.4 (165.1) | 542.6 (159) | 520.8 (152.6) | 497.5 (145.8) | 472.9 (138.6) | 446.5 (130.8) |
| 0 | (-17.8) | 517.2 (151.6) | 498.1 (146) | 477.8 (140) | 456.1 (133.7) | 432.8 (126.8) | 407.8 (119.5) | 381.2 (111.7) | |

NOTES: - Above ratings are based on mean temperature. - To convert to dew point ratings, use 0.95 multiplier.

CAPACITY DATA - **R407A**

LOW TEMP. HIGH EFFICIENCY MODELS

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R407A AMBIENT TEMPERATURE °F (°C) | | | | | | | | | |
|---|-------------------------------|--------------|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|--|
| | ° F | ° C | 85 | 90 | 95 | 100 | 105 | 110 | 115 | | | |
| | | | (29.4) | (32.2) | (35) | (37.8) | (40.6) | (43.3) | (46.1) | | | |
| KVD021L8-A Compressor Model 3DS3F46KE | 0 | (-17.8) | 164.2 (48.1) | 158.1 (46.3) | 151.8 (44.5) | 145.5 (42.7) | 139.0 (40.7) | 132.3 (38.8) | --- | --- | | |
| | -5 | (-20.6) | 145.5 (42.7) | 139.7 (40.9) | 134.0 (39.3) | 127.9 (37.5) | 121.8 (35.7) | 115.7 (33.9) | --- | --- | | |
| | -10 | (-23.3) | 128.3 (37.6) | 122.9 (36) | 117.6 (34.5) | 111.9 (32.8) | 106.3 (31.1) | 100.6 (29.5) | 94.7 (27.8) | 81.3 (23.8) | | |
| | -15 | (-26.1) | 112.6 (33) | 107.5 (31.5) | 102.5 (30) | 97.4 (28.6) | 92.2 (27) | 86.7 (25.4) | 81.3 (23.8) | 76.3 (22.3) | | |
| | -20 | (-28.9) | 98.1 (28.7) | 93.5 (27.4) | 88.8 (26) | 84.0 (24.6) | 79.2 (23.2) | 74.1 (21.7) | 69.3 (20.3) | 64.9 (18.8) | | |
| | -25 | (-31.7) | 84.6 (24.8) | 80.2 (23.5) | 76.0 (22.3) | 71.6 (21) | 67.2 (19.7) | 62.6 (18.3) | 58.0 (17) | 53.6 (15.6) | | |
| | -30 | (-34.4) | 72.0 (21.1) | 68.0 (19.9) | 64.1 (18.8) | 59.9 (17.5) | 55.9 (16.4) | 51.9 (15.2) | 47.7 (14) | 43.5 (12.8) | | |
| | -35 | (-37.2) | 59.9 (17.5) | 56.1 (16.4) | 52.5 (15.4) | 48.9 (14.3) | 45.2 (13.2) | 41.6 (12.2) | 37.8 (11.1) | 34.1 (10) | | |
| -40 | (-40) | 48.1 (14.1) | 44.7 (13.1) | 41.4 (12.1) | 38.0 (11.1) | 34.9 (10.2) | 31.5 (9.2) | 28.4 (8.3) | 25.1 (7.3) | | | |
| KVD031L8-A Compressor Model 4DHNF63KE | 0 | (-17.8) | 230.4 (67.5) | 221.1 (64.8) | 211.7 (62) | 202.2 (59.3) | 193.0 (56.6) | 183.5 (53.8) | 174.1 (51) | 164.7 (48.2) | | |
| | -5 | (-20.6) | 205.4 (60.2) | 197.2 (57.8) | 188.8 (55.3) | 180.2 (52.8) | 171.8 (50.3) | 163.2 (47.8) | 154.6 (45.3) | 146.0 (42.8) | | |
| | -10 | (-23.3) | 182.1 (53.4) | 174.7 (51.2) | 167.2 (49) | 159.4 (46.7) | 151.8 (44.5) | 144.1 (42.2) | 136.3 (39.9) | 128.6 (37.6) | | |
| | -15 | (-26.1) | 160.2 (47) | 153.5 (45) | 146.8 (43) | 139.9 (41) | 132.9 (39) | 125.8 (36.9) | 118.7 (34.8) | 111.6 (32.7) | | |
| | -20 | (-28.9) | 139.9 (41) | 133.8 (39.2) | 127.7 (37.4) | 121.4 (35.6) | 115.1 (33.7) | 108.8 (31.9) | 102.3 (30) | 95.8 (28.2) | | |
| | -25 | (-31.7) | 120.8 (35.4) | 115.5 (33.8) | 110.0 (32.2) | 104.4 (30.6) | 98.5 (28.9) | 92.8 (27.2) | 86.7 (25.4) | 80.6 (23.6) | | |
| | -30 | (-34.4) | 103.3 (30.3) | 98.5 (28.9) | 93.7 (27.4) | 88.4 (25.9) | 83.2 (24.4) | 77.7 (22.8) | 72.5 (21.2) | 67.2 (19.6) | | |
| | -35 | (-37.2) | 87.4 (25.6) | 83.2 (24.4) | 78.5 (23) | 73.7 (21.6) | 68.9 (20.2) | 64.1 (18.8) | 58.8 (17.2) | 54.1 (15.6) | | |
| -40 | (-40) | 73.1 (21.4) | 69.1 (20.2) | 64.9 (19) | 60.5 (17.7) | 55.9 (16.4) | 51.2 (15) | 46.4 (13.6) | 42.1 (12.3) | | | |
| KVD045L8-A Compressor Model 4DJNF76KE | 0 | (-17.8) | 287.7 (84.3) | 276.6 (81.1) | 265.2 (77.7) | 253.7 (74.3) | 241.9 (70.9) | 230.0 (67.4) | 218.1 (64.9) | 206.2 (62.4) | | |
| | -5 | (-20.6) | 254.5 (74.6) | 244.2 (71.6) | 233.5 (68.4) | 222.8 (65.3) | 211.9 (62.1) | 200.8 (58.8) | 189.8 (56.3) | 178.9 (53.8) | | |
| | -10 | (-23.3) | 223.7 (65.5) | 214.2 (62.8) | 204.3 (59.9) | 194.5 (57) | 184.4 (54) | 174.1 (51) | 163.6 (47.9) | 153.3 (45.1) | | |
| | -15 | (-26.1) | 195.3 (57.2) | 186.7 (54.7) | 177.7 (52.1) | 168.8 (49.5) | 159.6 (46.8) | 150.2 (44) | 140.5 (41.2) | 130.9 (38.5) | | |
| | -20 | (-28.9) | 169.5 (49.7) | 161.7 (47.4) | 153.7 (45.1) | 145.7 (42.7) | 137.3 (40.3) | 128.9 (37.8) | 120.3 (35.3) | 111.7 (32.8) | | |
| | -25 | (-31.7) | 146.2 (42.8) | 139.4 (40.9) | 132.5 (38.8) | 125.4 (36.7) | 118.2 (34.6) | 110.7 (32.4) | 103.1 (30.2) | 95.6 (28) | | |
| | -30 | (-34.4) | 125.8 (36.9) | 120.1 (35.2) | 114.0 (33.4) | 108.2 (31.7) | 101.9 (29.8) | 95.3 (27.9) | 88.8 (26) | 82.2 (24.2) | | |
| | -35 | (-37.2) | 108.4 (31.8) | 103.5 (30.3) | 98.7 (28.9) | 93.9 (27.5) | 88.6 (26) | 83.4 (24.4) | 77.7 (22.8) | 72.1 (21.2) | | |
| -40 | (-40) | 93.9 (27.5) | 90.3 (26.5) | 86.5 (25.4) | 82.7 (24.2) | 78.8 (23.1) | 74.6 (21.8) | 70.1 (20.6) | 66.1 (19.5) | | | |
| KVD055L8-A Compressor Model 6DHNF93KE | 0 | (-17.8) | 344.8 (101.1) | 332.0 (97.3) | 318.2 (93.2) | 303.9 (89.1) | 288.5 (84.6) | 272.6 (79.9) | 256.7 (75.7) | 240.8 (71.5) | | |
| | -5 | (-20.6) | 300.1 (87.9) | 288.5 (84.6) | 276.4 (81) | 263.6 (77.2) | 249.9 (73.2) | 235.4 (69) | 220.9 (64.8) | 206.4 (60.6) | | |
| | -10 | (-23.3) | 261.9 (76.7) | 251.6 (73.7) | 240.7 (70.5) | 229.1 (67.1) | 216.7 (63.5) | 203.7 (59.7) | 190.1 (55.7) | 176.5 (51.7) | | |
| | -15 | (-26.1) | 229.1 (67.1) | 219.9 (64.4) | 210.0 (61.5) | 199.3 (58.4) | 188.2 (55.1) | 176.2 (51.6) | 163.8 (48.2) | 151.3 (44.6) | | |
| | -20 | (-28.9) | 200.8 (58.8) | 192.2 (56.3) | 182.9 (53.6) | 173.3 (50.8) | 162.8 (47.7) | 151.8 (44.5) | 140.3 (41.1) | 128.8 (37.6) | | |
| | -25 | (-31.7) | 175.1 (51.3) | 167.0 (48.9) | 158.3 (46.4) | 149.1 (43.7) | 139.4 (40.9) | 129.4 (37.9) | 118.7 (34.8) | 108.1 (31.7) | | |
| | -30 | (-34.4) | 151.2 (44.3) | 143.2 (42) | 134.8 (39.5) | 126.2 (37) | 117.0 (34.3) | 107.1 (31.4) | 97.0 (28.4) | 86.9 (25.5) | | |
| | -35 | (-37.2) | 127.5 (37.4) | 119.5 (35) | 111.3 (32.6) | 102.7 (30.1) | 93.7 (27.4) | 84.2 (24.7) | 74.3 (21.8) | 64.8 (18.9) | | |
| -40 | (-40) | 102.7 (30.1) | 94.5 (27.7) | 86.1 (25.2) | 77.5 (22.7) | 68.5 (20.1) | 59.0 (17.3) | 49.6 (14.5) | 40.1 (11.7) | | | |
| KVD061L8-A Compressor Model 6DJNF11ME | 0 | (-17.8) | 401.3 (117.6) | 385.8 (113.1) | 369.8 (108.4) | 353.4 (103.6) | 336.4 (98.6) | 319.4 (94.6) | 302.4 (90.6) | 285.4 (86.6) | | |
| | -5 | (-20.6) | 355.7 (104.3) | 341.7 (100.1) | 327.2 (95.9) | 312.1 (91.5) | 296.3 (86.8) | 279.9 (82) | 263.5 (78.1) | 247.1 (73.4) | | |
| | -10 | (-23.3) | 314.2 (92.1) | 301.4 (88.3) | 288.1 (84.4) | 274.3 (80.4) | 259.6 (76.1) | 244.4 (71.6) | 229.1 (67.2) | 213.7 (62.8) | | |
| | -15 | (-26.1) | 275.9 (80.9) | 264.4 (77.5) | 252.0 (73.9) | 239.2 (70.1) | 225.8 (66.2) | 211.5 (62) | 200.8 (58.2) | 189.8 (54.3) | | |
| | -20 | (-28.9) | 240.7 (70.5) | 230.0 (67.4) | 218.6 (64.1) | 206.6 (60.6) | 194.0 (56.9) | 180.8 (53) | 166.5 (48.8) | 152.2 (44.6) | | |
| | -25 | (-31.7) | 207.5 (60.8) | 197.6 (57.9) | 187.1 (54.8) | 176.0 (51.6) | 164.0 (48.1) | 151.4 (44.4) | 138.0 (40.4) | 125.1 (36.7) | | |
| | -30 | (-34.4) | 176.0 (51.6) | 166.7 (48.9) | 156.9 (46) | 146.4 (42.9) | 135.2 (39.6) | 123.1 (36.1) | 110.0 (32.2) | 96.9 (28.3) | | |
| | -35 | (-37.2) | 145.5 (42.7) | 136.9 (40.1) | 127.5 (37.4) | 117.4 (34.4) | 106.7 (31.3) | 94.9 (27.8) | 82.5 (24.2) | 70.1 (20.6) | | |
| -40 | (-40) | 115.7 (33.9) | 107.3 (31.4) | 98.3 (28.8) | 88.6 (26) | 78.1 (22.9) | 66.6 (19.5) | 54.4 (15.9) | 42.1 (12.3) | | | |
| KVD081L8-A Compressor Model 6DUNF13ME | 0 | (-17.8) | 461.4 (135.2) | 445.6 (130.6) | 429.9 (126) | 413.7 (121.2) | 397.5 (116.5) | 381.2 (111.7) | 364.9 (107.1) | 348.6 (102.5) | | |
| | -5 | (-20.6) | 414.3 (121.4) | 399.8 (117.2) | 385.4 (112.9) | 370.7 (108.6) | 355.5 (104.2) | 340.0 (99.6) | 324.5 (95) | 309.0 (90.4) | | |
| | -10 | (-23.3) | 368.6 (108) | 355.3 (104.1) | 341.9 (100.2) | 328.0 (96.1) | 313.7 (91.9) | 299.0 (87.6) | 284.1 (83.4) | 269.2 (79.2) | | |
| | -15 | (-26.1) | 324.2 (95) | 312.1 (91.5) | 299.5 (87.8) | 286.7 (84) | 273.2 (80.1) | 258.9 (75.9) | 244.2 (71.6) | 229.5 (67.5) | | |
| | -20 | (-28.9) | 282.2 (82.7) | 270.9 (79.4) | 259.1 (75.9) | 247.0 (72.4) | 233.9 (68.6) | 220.3 (64.6) | 205.8 (60.3) | 191.3 (56.3) | | |
| | -25 | (-31.7) | 243.0 (71.2) | 232.3 (68.1) | 221.1 (64.8) | 209.4 (61.4) | 197.0 (57.7) | 183.5 (53.8) | 169.3 (49.6) | 154.9 (45.5) | | |
| | -30 | (-34.4) | 207.1 (60.7) | 197.0 (57.7) | 186.3 (54.6) | 174.7 (51.2) | 162.3 (47.6) | 149.1 (43.7) | 135.0 (39.6) | 120.7 (35.7) | | |
| | -35 | (-37.2) | 175.1 (51.3) | 165.3 (48.4) | 154.8 (45.4) | 143.2 (42) | 131.0 (38.4) | 117.8 (34.5) | 103.3 (30.3) | 88.8 (26) | | |
| -40 | (-40) | 147.4 (43.2) | 137.8 (40.4) | 127.1 (37.2) | 115.7 (33.9) | 103.3 (30.3) | 89.7 (26.3) | 75.2 (22) | 60.7 (17.8) | | | |

NOTES: - Above ratings are based on mean temperature. - To convert to dew point ratings, use 0.95 multiplier.

CAPACITY DATA - R407A
LOW TEMP. HIGH EFFICIENCY MODELS
w/ 850RPM CONDENSER MOTOR(S)

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R407A AMBIENT TEMPERATURE °F (°C) | | | | | | | |
|---|-------------------------------|---------------|---|---------------|--------------|--------------|--------------|--------------|------------|--|
| | ° F | ° C | 85 (29.4) | 90 (32.2) | 95 (35) | 100 (37.8) | 105 (40.6) | 110 (43.3) | 115 (46.1) | |
| KVS021D8-A Compressor Model 3DS3F46KE | 0 (-17.8) | 161.6 (47.4) | 155.4 (45.5) | 149.2 (43.7) | 142.8 (41.9) | 136.2 (39.9) | 129.6 (38) | - | - | |
| | -5 (-20.6) | 143.2 (42) | 137.4 (40.3) | 131.6 (38.6) | 125.6 (36.8) | 119.6 (35.1) | 113.4 (33.2) | - | - | |
| | -10 (-23.3) | 126.4 (37) | 121.0 (35.5) | 115.6 (33.9) | 110.0 (32.2) | 104.4 (30.6) | 98.6 (28.9) | - | - | |
| | -15 (-26.1) | 111.0 (32.5) | 106.0 (31.1) | 100.8 (29.5) | 95.6 (28) | 90.4 (26.5) | 85.2 (25) | 79.6 (23.3) | - | |
| | -20 (-28.9) | 96.6 (28.3) | 92.0 (27) | 87.4 (25.6) | 82.6 (24.2) | 77.8 (22.8) | 72.8 (21.3) | 67.8 (19.9) | - | |
| | -25 (-31.7) | 83.4 (24.4) | 79.2 (23.2) | 74.8 (21.9) | 70.4 (20.6) | 66.0 (19.3) | 61.4 (18) | 57.0 (16.7) | - | |
| | -30 (-34.4) | 71.0 (20.8) | 67.0 (19.6) | 63.0 (18.5) | 59.0 (17.3) | 55.0 (16.1) | 50.8 (14.9) | 46.8 (13.7) | - | |
| | -35 (-37.2) | 59.0 (17.3) | 55.4 (16.2) | 51.8 (15.2) | 48.0 (14.1) | 44.4 (13) | 40.8 (12) | 37.0 (10.8) | - | |
| -40 (-40) | 47.4 (13.9) | 44.0 (12.9) | 40.8 (12) | 37.6 (11) | 34.2 (10) | 31.0 (9.1) | 27.6 (8.1) | - | | |
| KVS031D8-A Compressor Model 4DHNF63KE | 0 (-17.8) | 227.6 (66.7) | 218.2 (63.9) | 209.0 (61.3) | 199.6 (58.5) | 190.2 (55.7) | 181.0 (53) | - | - | |
| | -5 (-20.6) | 203.2 (59.6) | 194.8 (57.1) | 186.4 (54.6) | 178.0 (52.2) | 169.6 (49.7) | 161.0 (47.2) | 152.6 (44.7) | - | |
| | -10 (-23.3) | 180.2 (52.8) | 172.8 (50.6) | 165.2 (48.4) | 157.6 (46.2) | 149.8 (43.9) | 142.2 (41.7) | 134.4 (39.4) | - | |
| | -15 (-26.1) | 158.6 (46.5) | 152.0 (44.5) | 145.2 (42.6) | 138.2 (40.5) | 131.4 (38.5) | 124.2 (36.4) | 117.2 (34.3) | - | |
| | -20 (-28.9) | 138.6 (40.6) | 132.6 (38.9) | 126.4 (37) | 120.2 (35.2) | 113.8 (33.4) | 107.4 (31.5) | 101.0 (29.6) | - | |
| | -25 (-31.7) | 119.8 (35.1) | 114.4 (33.5) | 109.0 (31.9) | 103.2 (30.2) | 97.6 (28.6) | 91.6 (26.8) | 85.8 (25.1) | - | |
| | -30 (-34.4) | 102.6 (30.1) | 97.8 (28.7) | 92.8 (27.2) | 87.6 (25.7) | 82.2 (24.1) | 77.0 (22.6) | 71.4 (20.9) | - | |
| | -35 (-37.2) | 86.8 (25.4) | 82.4 (24.1) | 77.8 (22.8) | 73.0 (21.4) | 68.2 (20) | 63.2 (18.5) | 58.2 (17.1) | - | |
| -40 (-40) | 72.4 (21.2) | 68.4 (20) | 64.2 (18.8) | 59.8 (17.5) | 55.2 (16.2) | 50.6 (14.8) | 45.8 (13.4) | - | | |
| KVS045D8-A Compressor Model 4DJNF76KE | 0 (-17.8) | 283.8 (83.2) | 272.6 (79.9) | 261.2 (76.5) | 249.6 (73.2) | 237.8 (69.7) | 226.0 (66.2) | - | - | |
| | -5 (-20.6) | 251.2 (73.6) | 240.8 (70.6) | 230.2 (67.5) | 219.4 (64.3) | 208.6 (61.1) | 197.4 (57.9) | 186.2 (54.7) | - | |
| | -10 (-23.3) | 220.8 (64.7) | 211.2 (61.9) | 201.6 (59.1) | 191.6 (56.2) | 181.6 (53.2) | 171.4 (50.2) | 160.2 (47.2) | - | |
| | -15 (-26.1) | 193.0 (56.6) | 184.2 (54) | 175.4 (51.4) | 166.4 (48.8) | 157.2 (46.1) | 147.8 (43.3) | 138.2 (40.5) | - | |
| | -20 (-28.9) | 167.6 (49.1) | 159.8 (46.8) | 151.8 (44.5) | 143.8 (42.1) | 135.6 (39.7) | 127.0 (37.2) | 118.4 (34.7) | - | |
| | -25 (-31.7) | 144.8 (42.4) | 138.0 (40.4) | 131.0 (38.4) | 123.8 (36.3) | 116.6 (34.2) | 109.2 (32) | 101.6 (29.8) | - | |
| | -30 (-34.4) | 124.6 (36.5) | 118.8 (34.8) | 113.0 (33.1) | 106.8 (31.3) | 100.6 (29.5) | 94.2 (27.6) | 87.6 (25.7) | - | |
| | -35 (-37.2) | 107.4 (31.5) | 102.8 (30.1) | 97.8 (28.7) | 93.0 (27.3) | 87.8 (25.7) | 82.4 (24.1) | 76.8 (22.5) | - | |
| -40 (-40) | 93.2 (27.3) | 89.6 (26.3) | 86.0 (25.2) | 82.0 (24) | 78.0 (22.9) | 73.8 (21.6) | 69.4 (20.3) | - | | |
| KVS055D8-A Compressor Model 6DHNF93KE | 0 (-17.8) | 338.8 (99.3) | 325.6 (95.4) | 311.8 (91.4) | 297.2 (87.1) | 281.6 (82.5) | - | - | - | |
| | -5 (-20.6) | 295.2 (86.5) | 283.6 (83.1) | 271.2 (79.5) | 258.0 (75.6) | 244.2 (71.6) | 229.6 (67.3) | - | - | |
| | -10 (-23.3) | 258.0 (75.6) | 247.6 (72.6) | 236.4 (69.3) | 224.6 (65.8) | 212.2 (62.2) | 199.0 (58.3) | - | - | |
| | -15 (-26.1) | 226.0 (66.2) | 216.6 (63.5) | 206.4 (60.5) | 195.8 (57.4) | 184.4 (54) | 172.4 (50.5) | 159.8 (46.8) | - | |
| | -20 (-28.9) | 198.0 (58) | 189.2 (55.4) | 180.0 (52.8) | 170.2 (49.9) | 159.6 (46.8) | 148.6 (43.6) | 137.0 (40.2) | - | |
| | -25 (-31.7) | 172.8 (50.6) | 164.6 (48.2) | 155.8 (45.7) | 146.6 (43) | 136.8 (40.1) | 126.6 (37.1) | 115.8 (33.9) | - | |
| | -30 (-34.4) | 149.2 (43.7) | 141.2 (41.4) | 132.8 (38.9) | 123.8 (36.3) | 114.6 (33.6) | 104.8 (30.7) | 94.6 (27.7) | - | |
| | -35 (-37.2) | 125.6 (36.8) | 117.6 (34.5) | 109.4 (32.1) | 100.6 (29.5) | 91.6 (26.8) | 82.2 (24.1) | 72.4 (21.2) | - | |
| -40 (-40) | 101.0 (29.6) | 92.8 (27.2) | 84.4 (24.7) | 75.8 (22.2) | 66.8 (19.6) | 57.6 (16.9) | 48.0 (14.1) | - | | |
| KVS061D8-A Compressor Model 6DJNF11ME | 0 (-17.8) | 392.8 (115.1) | 377.2 (110.5) | 361.2 (105.9) | 344.6 (101) | 327.4 (96) | - | - | - | |
| | -5 (-20.6) | 348.8 (102.2) | 334.6 (98.1) | 320.0 (93.8) | 304.8 (89.3) | 289.0 (84.7) | - | - | - | |
| | -10 (-23.3) | 308.4 (90.4) | 295.6 (86.6) | 282.0 (82.6) | 268.0 (78.5) | 253.4 (74.3) | 238.0 (69.8) | - | - | |
| | -15 (-26.1) | 271.2 (79.5) | 259.4 (76) | 247.0 (72.4) | 234.2 (68.6) | 220.4 (64.6) | 206.2 (60.4) | 191.8 (56.2) | - | |
| | -20 (-28.9) | 236.6 (69.3) | 225.8 (66.2) | 214.4 (62.8) | 202.4 (59.3) | 189.6 (55.6) | 176.2 (51.6) | 161.8 (47.2) | - | |
| | -25 (-31.7) | 204.2 (59.8) | 194.2 (56.9) | 183.6 (53.8) | 172.2 (50.5) | 160.2 (46.9) | 147.6 (43.3) | 134.0 (39.3) | - | |
| | -30 (-34.4) | 173.2 (50.8) | 163.8 (48) | 154.0 (45.1) | 143.4 (42) | 132.0 (38.7) | 119.8 (35.1) | 106.6 (31.2) | - | |
| | -35 (-37.2) | 143.2 (42) | 134.4 (39.4) | 125.0 (36.6) | 114.8 (33.6) | 104.0 (30.5) | 92.2 (27) | 79.6 (23.3) | - | |
| -40 (-40) | 113.6 (33.3) | 105.2 (30.8) | 96.2 (28.2) | 86.4 (25.3) | 75.8 (22.2) | 64.2 (18.8) | 51.8 (15.2) | - | | |

NOTES: - Above ratings are based on mean temperature. - To convert to dew point ratings, use 0.95 multiplier.

CAPACITY DATA - R448A R449A
HIGH TEMP. HIGH EFFICIENCY MODELS

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE °F °C | CAPACITY MBH (KW) R448A R449A AMBIENT TEMPERATURE °F (°C) | | | | | | | |
|-----------------------|-------------------------------------|---|----------------|----------------|---------------|---------------|---------------|---------------|-----|
| | | 85 (29.4) | 90 (32.2) | 95 (35.0) | 100 (37.8) | 105 (40.6) | 110 (43.3) | 115 (46.1) | |
| KVD031H8-A | 45 (7.2) | 461.2 (135.2) | 444.0 (130.1) | 426.6 (125) | 409.6 (120) | 392.4 (115) | 375.4 (110) | 358.8 (105.2) | |
| Compressor | 40 (4.4) | 423.2 (124) | 407.6 (119.5) | 392.0 (114.9) | 376.6 (110.4) | 361.2 (105.9) | 346.0 (101.4) | 331.0 (97) | |
| 3DS3R17ME | 35 (1.7) | 386.4 (113.2) | 372.6 (109.2) | 358.6 (105.1) | 344.8 (101.1) | 331.0 (97) | 317.4 (93) | 303.8 (89) | |
| KVD041H8-A | 45 (7.2) | 512.8 (150.3) | 494.2 (144.8) | 475.2 (139.3) | 455.2 (133.4) | 434.6 (127.4) | 413.2 (121.1) | --- | --- |
| Compressor | 40 (4.4) | 467.6 (137) | 450.8 (132.1) | 433.4 (127) | 415.4 (121.7) | 396.8 (116.3) | 377.4 (110.6) | --- | --- |
| 4DANR18ME | 35 (1.7) | 425.2 (124.6) | 410.0 (120.2) | 394.2 (115.5) | 378.0 (110.8) | 361.2 (105.9) | 343.8 (100.8) | 325.6 (95.4) | |
| KVD045H8-A | 45 (7.2) | 581.0 (170.3) | 560.4 (164.2) | 540.0 (158.3) | 519.2 (152.2) | 498.2 (146) | 477.4 (139.9) | --- | --- |
| Compressor | 40 (4.4) | 530.4 (155.4) | 511.8 (150) | 492.8 (144.4) | 473.8 (138.9) | 454.6 (133.2) | 435.4 (127.6) | --- | --- |
| 4DBNR20ME | 35 (1.7) | 483.0 (141.6) | 465.8 (136.5) | 448.6 (131.5) | 431.2 (126.4) | 413.8 (121.3) | 396.0 (116.1) | 378.4 (110.9) | |
| KVD051H8-A | 45 (7.2) | 655.0 (192) | 632.2 (185.3) | 609.2 (178.5) | 586.2 (171.8) | 562.8 (164.9) | 539.4 (158.1) | 516.0 (151.2) | |
| Compressor | 40 (4.4) | 597.0 (175) | 576.0 (168.8) | 555.0 (162.7) | 533.8 (156.4) | 512.6 (150.2) | 491.2 (144) | 469.8 (137.7) | |
| 4DHNR22ME | 35 (1.7) | 542.6 (159) | 523.6 (153.5) | 504.4 (147.8) | 485.2 (142.2) | 465.8 (136.5) | 446.2 (130.8) | 426.6 (125) | |
| KVD061H8-A | 45 (7.2) | 758.6 (222.3) | 733.2 (214.9) | 706.8 (207.1) | 679.8 (199.2) | 651.6 (191) | 622.6 (182.5) | 592.8 (173.7) | |
| Compressor | 40 (4.4) | 697.2 (204.3) | 673.6 (197.4) | 649.6 (190.4) | 624.6 (183.1) | 598.6 (175.4) | 571.8 (167.6) | 544.4 (159.5) | |
| 4DJNR28ME | 35 (1.7) | 638.4 (187.1) | 616.8 (180.8) | 594.8 (174.3) | 571.6 (167.5) | 547.6 (160.5) | 523.2 (153.3) | 498.0 (145.9) | |
| KVD071H8-A | 45 (7.2) | 930.4 (272.7) | 898.8 (263.4) | 867.6 (254.3) | 836.2 (245.1) | 805.2 (236) | 774.0 (226.8) | 743.0 (217.8) | |
| Compressor | 40 (4.4) | 856.6 (251) | 828.4 (242.8) | 800.4 (234.6) | 772.2 (226.3) | 744.0 (218) | 716.2 (209.9) | 688.0 (201.6) | |
| 6DHNR35ME | 35 (1.7) | 784.8 (230) | 759.6 (222.6) | 734.4 (215.2) | 709.2 (207.8) | 684.0 (200.5) | 658.8 (193.1) | 633.6 (185.7) | |
| KVD081H8-A | 45 (7.2) | 1102.2 (323) | 1065.0 (312.1) | 1027.6 (301.2) | 990.4 (290.3) | 953.4 (279.4) | 916.2 (268.5) | 879.2 (257.7) | |
| Compressor | 40 (4.4) | 1015.6 (297.6) | 982.0 (287.8) | 948.4 (277.9) | 914.8 (268.1) | 881.4 (258.3) | 848.0 (248.5) | 814.6 (238.7) | |
| 6DJNR40ME | 35 (1.7) | 930.8 (272.8) | 900.4 (263.9) | 870.4 (255.1) | 840.4 (246.3) | 810.4 (237.5) | 780.4 (228.7) | 750.2 (219.9) | |

NOTES: - Above ratings are based on mean temperature. - To convert to dew point ratings, use 0.95 multiplier. -

CAPACITY DATA - R448A R449A
MEDIUM TEMP. HIGH EFFICIENCY MODELS

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE °F °C | CAPACITY MBH (KW) R448A R449A AMBIENT TEMPERATURE °F (°C) | | | | | | | |
|---|-------------------------------------|---|---------------|---------------|---------------|---------------|---------------|---------------|--|
| | | 85 (29.4) | 90 (32.2) | 95 (35.0) | 100 (37.8) | 105 (40.6) | 110 (43.3) | 115 (46.1) | |
| KVD031M8-A Compressor Model 3DS3R17ME | 30 (-1.1) | 351.5 (103) | 339.2 (99.4) | 326.8 (95.8) | 314.4 (92.1) | 302.0 (88.5) | 289.8 (84.9) | 277.6 (81.4) | |
| | 25 (-3.9) | 318.2 (93.2) | 307.2 (90) | 296.1 (86.8) | 285.0 (83.5) | 274.1 (80.3) | 262.9 (77.1) | 252.2 (73.9) | |
| | 20 (-6.7) | 286.9 (84.1) | 277.0 (81.2) | 267.1 (78.3) | 257.0 (75.3) | 247.2 (72.4) | 237.3 (69.5) | 227.4 (66.7) | |
| | 15 (-9.4) | 257.3 (75.4) | 248.4 (72.8) | 239.6 (70.2) | 230.6 (67.6) | 221.6 (64.9) | 212.7 (62.3) | 203.7 (59.7) | |
| | 10 (-12.2) | 229.5 (67.3) | 221.8 (65) | 213.8 (62.7) | 205.6 (60.3) | 197.4 (57.9) | 189.2 (55.5) | 180.8 (53) | |
| | 5 (-15) | 204.1 (59.8) | 196.8 (57.7) | 189.4 (55.5) | 182.1 (53.4) | 174.3 (51.1) | 166.7 (48.9) | 159.0 (46.6) | |
| 0 (-17.8) | 180.6 (52.9) | 173.9 (51) | 167.0 (48.9) | 160.0 (46.9) | 152.9 (44.8) | 145.5 (42.7) | 138.2 (40.5) | | |
| KVD041M8-A Compressor Model 4DANR18ME | 30 (-1.1) | 378.6 (111) | 364.6 (106.9) | 350.4 (102.7) | 335.8 (98.4) | 320.8 (94) | 305.2 (89.4) | 289.2 (84.8) | |
| | 25 (-3.9) | 341.0 (99.9) | 328.4 (96.2) | 315.6 (92.5) | 302.6 (88.7) | 289.2 (84.8) | 275.4 (80.7) | 261.2 (76.5) | |
| | 20 (-6.7) | 306.0 (89.7) | 294.8 (86.4) | 283.4 (83.1) | 271.8 (79.7) | 260.0 (76.2) | 247.8 (72.6) | 235.2 (68.9) | |
| | 15 (-9.4) | 273.4 (80.1) | 263.4 (77.2) | 253.4 (74.3) | 243.2 (71.3) | 232.8 (68.2) | 222.2 (65.1) | 211.2 (61.9) | |
| | 10 (-12.2) | 243.2 (71.3) | 234.2 (68.6) | 225.4 (66.1) | 216.4 (63.4) | 207.4 (60.8) | 198.2 (58.1) | 188.8 (55.3) | |
| | 5 (-15) | 215.0 (63) | 207.0 (60.7) | 199.2 (58.4) | 191.4 (56.1) | 183.8 (53.9) | 175.8 (51.5) | 167.8 (49.2) | |
| 0 (-17.8) | 188.6 (55.3) | 181.6 (53.2) | 174.8 (51.2) | 168.0 (49.2) | 161.4 (47.3) | 154.6 (45.3) | 147.8 (43.3) | | |
| KVD045M8-A Compressor Model 4DBNR20ME | 30 (-1.1) | 438.5 (128.5) | 422.9 (124) | 407.2 (119.3) | 391.2 (114.7) | 375.5 (110) | 359.3 (105.3) | 343.1 (100.6) | |
| | 25 (-3.9) | 396.7 (116.3) | 382.6 (112.1) | 368.3 (107.9) | 354.1 (103.8) | 339.6 (99.5) | 325.1 (95.3) | 310.2 (90.9) | |
| | 20 (-6.7) | 357.8 (104.9) | 345.2 (101.2) | 332.4 (97.4) | 319.4 (93.6) | 306.2 (89.7) | 293.0 (85.9) | 279.5 (81.9) | |
| | 15 (-9.4) | 321.5 (94.2) | 310.2 (90.9) | 298.6 (87.5) | 287.1 (84.1) | 275.1 (80.6) | 263.1 (77.1) | 251.0 (73.5) | |
| | 10 (-12.2) | 287.9 (84.4) | 277.8 (81.4) | 267.3 (78.3) | 256.8 (75.3) | 246.3 (72.2) | 235.4 (69) | 224.5 (65.8) | |
| | 5 (-15) | 256.6 (75.2) | 247.6 (72.6) | 238.4 (69.9) | 228.9 (67.1) | 219.2 (64.3) | 209.6 (61.4) | 199.5 (58.5) | |
| 0 (-17.8) | 227.6 (66.7) | 219.5 (64.3) | 211.3 (61.9) | 202.9 (59.5) | 194.0 (56.9) | 185.2 (54.3) | 176.2 (51.6) | | |
| KVD051M8-A Compressor Model 4DHNR22ME | 30 (-1.1) | 491.6 (144.1) | 474.4 (139) | 457.2 (134) | 439.5 (128.8) | 421.9 (123.6) | 404.0 (118.4) | 386.2 (113.2) | |
| | 25 (-3.9) | 444.2 (130.2) | 428.6 (125.6) | 413.1 (121.1) | 397.1 (116.4) | 381.2 (111.7) | 365.0 (107) | 348.8 (102.2) | |
| | 20 (-6.7) | 400.1 (117.2) | 386.2 (113.2) | 372.1 (109.1) | 357.6 (104.8) | 343.4 (100.6) | 328.7 (96.3) | 314.0 (92) | |
| | 15 (-9.4) | 359.1 (105.2) | 346.7 (101.6) | 333.9 (97.9) | 321.1 (94.1) | 308.1 (90.3) | 294.8 (86.4) | 281.4 (82.5) | |
| | 10 (-12.2) | 321.1 (94.1) | 310.0 (90.8) | 298.6 (87.5) | 287.1 (84.1) | 275.3 (80.7) | 263.3 (77.2) | 251.4 (73.7) | |
| | 5 (-15) | 286.0 (83.8) | 275.9 (80.9) | 265.9 (77.9) | 255.6 (74.9) | 244.9 (71.8) | 234.2 (68.6) | 223.2 (65.4) | |
| 0 (-17.8) | 253.5 (74.3) | 244.4 (71.6) | 235.4 (69) | 226.2 (66.3) | 216.7 (63.5) | 206.9 (60.6) | 197.0 (57.7) | | |
| KVD061M8-A Compressor Model 4DJNR28ME | 30 (-1.1) | 582.1 (170.6) | 562.6 (164.9) | 542.2 (158.9) | 521.0 (152.7) | 499.2 (146.3) | 476.7 (139.7) | 453.4 (132.9) | |
| | 25 (-3.9) | 528.6 (154.9) | 510.7 (149.7) | 492.0 (144.2) | 472.7 (138.5) | 452.8 (132.7) | 432.4 (126.7) | 411.2 (120.5) | |
| | 20 (-6.7) | 477.5 (140) | 461.2 (135.2) | 444.2 (130.2) | 426.7 (125.1) | 408.7 (119.8) | 390.0 (114.3) | 370.7 (108.6) | |
| | 15 (-9.4) | 429.0 (125.7) | 414.1 (121.4) | 398.8 (116.9) | 382.8 (112.2) | 366.5 (107.4) | 349.4 (102.4) | 332.0 (97.3) | |
| | 10 (-12.2) | 382.8 (112.2) | 369.4 (108.3) | 355.3 (104.1) | 341.0 (99.9) | 326.1 (95.6) | 311.0 (91.1) | 295.3 (86.5) | |
| | 5 (-15) | 338.9 (99.3) | 326.8 (95.8) | 314.2 (92.1) | 301.1 (88.3) | 287.9 (84.4) | 274.3 (80.4) | 260.2 (76.3) | |
| 0 (-17.8) | 297.4 (87.1) | 286.2 (83.9) | 274.9 (80.6) | 263.3 (77.2) | 251.4 (73.7) | 239.2 (70.1) | 226.8 (66.5) | | |
| KVD071M8-A Compressor Model 6DHNR35ME | 30 (-1.1) | 715.3 (209.6) | 692.6 (203) | 670.1 (196.4) | 647.6 (189.8) | 625.2 (183.2) | 602.5 (176.6) | 579.8 (169.9) | |
| | 25 (-3.9) | 648.3 (190) | 628.3 (184.1) | 608.2 (178.2) | 588.0 (172.3) | 567.8 (166.4) | 547.5 (160.4) | 527.1 (154.5) | |
| | 20 (-6.7) | 584.4 (171.3) | 566.6 (166) | 548.7 (160.8) | 530.7 (155.5) | 512.6 (150.2) | 494.3 (144.9) | 476.1 (139.5) | |
| | 15 (-9.4) | 524.0 (153.6) | 508.0 (148.9) | 492.0 (144.2) | 476.1 (139.5) | 459.9 (134.8) | 443.5 (130) | 426.7 (125.1) | |
| | 10 (-12.2) | 467.5 (137) | 453.2 (132.8) | 438.9 (128.6) | 424.4 (124.4) | 409.9 (120.1) | 395.0 (115.8) | 379.9 (111.3) | |
| | 5 (-15) | 415.2 (121.7) | 402.4 (117.9) | 389.3 (114.1) | 376.3 (110.3) | 362.9 (106.3) | 349.4 (102.4) | 335.4 (98.3) | |
| 0 (-17.8) | 367.7 (107.8) | 356.0 (104.3) | 344.0 (100.8) | 332.0 (97.3) | 319.6 (93.7) | 307.0 (90) | 294.0 (86.2) | | |
| KVD081M8-A Compressor Model 6DJNR40ME | 30 (-1.1) | 848.4 (248.6) | 821.3 (240.7) | 794.4 (232.8) | 767.6 (224.9) | 740.7 (217.1) | 713.8 (209.2) | 686.7 (201.3) | |
| | 25 (-3.9) | 768.8 (225.3) | 744.9 (218.3) | 720.9 (211.3) | 696.8 (204.2) | 672.8 (197.2) | 648.7 (190.1) | 624.5 (183) | |
| | 20 (-6.7) | 693.0 (203.1) | 671.6 (196.8) | 650.2 (190.5) | 629.0 (184.3) | 607.3 (178) | 585.7 (171.6) | 564.1 (165.3) | |
| | 15 (-9.4) | 621.2 (182) | 602.1 (176.4) | 583.2 (170.9) | 564.1 (165.3) | 544.7 (159.6) | 525.4 (154) | 505.7 (148.2) | |
| | 10 (-12.2) | 554.0 (162.4) | 537.0 (157.4) | 520.0 (152.4) | 502.7 (147.3) | 485.5 (142.3) | 468.1 (137.2) | 450.2 (132) | |
| | 5 (-15) | 491.8 (144.1) | 476.7 (139.7) | 461.4 (135.2) | 445.8 (130.7) | 430.1 (126) | 414.1 (121.4) | 398.0 (116.6) | |
| 0 (-17.8) | 435.5 (127.6) | 421.7 (123.6) | 407.6 (119.5) | 393.5 (115.3) | 379.1 (111.1) | 364.4 (106.8) | 349.4 (102.4) | | |
| KVD101M8-A Compressor Model 6DUNR49ME | 30 (-1.1) | 997.7 (292.4) | 966.0 (283.1) | 934.3 (273.8) | 902.6 (264.5) | 870.7 (255.2) | 838.5 (245.7) | 806.2 (236.3) | |
| | 25 (-3.9) | 906.6 (265.7) | 878.2 (257.4) | 849.9 (249.1) | 821.5 (240.8) | 792.8 (232.3) | 764.0 (223.9) | 734.6 (215.3) | |
| | 20 (-6.7) | 819.2 (240.1) | 794.0 (232.7) | 768.6 (225.3) | 743.0 (217.7) | 717.2 (210.2) | 691.1 (202.5) | 664.7 (194.8) | |
| | 15 (-9.4) | 736.1 (215.7) | 713.6 (209.1) | 690.9 (202.5) | 667.8 (195.7) | 644.5 (188.9) | 620.8 (181.9) | 596.6 (174.8) | |
| | 10 (-12.2) | 657.9 (192.8) | 637.8 (186.9) | 617.2 (180.9) | 596.4 (174.8) | 575.2 (168.6) | 553.6 (162.2) | 531.3 (155.7) | |
| | 5 (-15) | 585.3 (171.5) | 567.0 (166.2) | 548.3 (160.7) | 529.2 (155.1) | 509.7 (149.4) | 489.7 (143.5) | 468.9 (137.4) | |
| 0 (-17.8) | 518.7 (152) | 501.9 (147.1) | 484.5 (142) | 466.8 (136.8) | 448.6 (131.5) | 429.9 (126) | 410.3 (120.3) | | |

NOTES: - Above ratings are based on mean temperature. - To convert to dew point ratings, use 0.95 multiplier.

CAPACITY DATA - R448A R449A
LOW TEMP. HIGH EFFICIENCY MODELS

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R448A R449A AMBIENT TEMPERATURE °F (°C) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|---------------|---|--------------|---------------|---------------|---------------|--------------|--------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|
| | ° F | ° C | 85 (29.4) | 90 (32.2) | 95 (35) | 100 (37.8) | 105 (40.6) | 110 (43.3) | 115 (46.1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | KVD021L8-A Compressor Model 3DS3F46KE | -5 (-20.6) | 154.1 (45.2) | 147.8 (43.3) | 141.3 (41.4) | 134.8 (39.5) | 128.3 (37.6) | 121.6 (35.6) | 114.9 (33.7) | -10 (-23.3) | 135.0 (39.6) | 129.4 (37.9) | 123.5 (36.2) | 117.6 (34.5) | 111.5 (32.7) | 105.4 (30.9) | 99.1 (29) | -15 (-26.1) | 118.0 (34.6) | 112.8 (33) | 107.3 (31.4) | 101.9 (29.8) | 96.2 (28.2) | 90.5 (26.5) | 84.6 (24.8) | -20 (-28.9) | 102.5 (30) | 97.7 (28.6) | 92.6 (27.1) | 87.6 (25.7) | 82.1 (24.1) | 76.9 (22.5) | 71.4 (20.9) | -25 (-31.7) | 88.6 (26) | 84.0 (24.6) | 79.4 (23.3) | 74.3 (21.8) | 69.5 (20.4) | 64.5 (18.9) | 59.2 (17.4) | -30 (-34.4) | 76.0 (22.3) | 71.6 (21) | 67.2 (19.7) | 62.6 (18.3) | 57.8 (16.9) | 52.9 (15.5) | 48.1 (14.1) | -35 (-37.2) | 64.5 (18.9) | 60.3 (17.7) | 55.9 (16.4) | 51.5 (15.1) | 46.8 (13.7) | 42.2 (12.4) | 37.4 (11) | -40 (-40) | 53.8 (15.8) | 49.8 (14.6) | 45.6 (13.4) | 41.2 (12.1) | 36.8 (10.8) | 32.1 (9.4) |
| KVD031L8-A Compressor Model 4DHNF63KE | -5 (-20.6) | 211.3 (61.9) | 202.9 (59.5) | 194.5 (57) | 186.1 (54.5) | 177.5 (52) | 168.8 (49.5) | 160.2 (47) | -10 (-23.3) | 187.7 (55) | 180.2 (52.8) | 172.6 (50.6) | 164.9 (48.3) | 156.9 (46) | 149.1 (43.7) | 141.3 (41.4) | -15 (-26.1) | 165.9 (48.6) | 159.0 (46.6) | 152.0 (44.6) | 144.9 (42.5) | 137.8 (40.4) | 130.4 (38.2) | 123.3 (36.1) | -20 (-28.9) | 145.5 (42.7) | 139.2 (40.8) | 132.9 (39) | 126.2 (37) | 119.5 (35) | 112.8 (33) | 106.1 (31.1) | -25 (-31.7) | 126.4 (37) | 120.8 (35.4) | 114.7 (33.6) | 108.6 (31.8) | 102.3 (30) | 95.8 (28.1) | 89.5 (26.2) | -30 (-34.4) | 108.8 (31.9) | 103.3 (30.3) | 97.4 (28.6) | 91.6 (26.8) | 85.7 (25.1) | 79.4 (23.3) | 73.3 (21.5) | -35 (-37.2) | 92.0 (27) | 86.5 (25.4) | 81.1 (23.8) | 75.4 (22.1) | 69.5 (20.4) | 63.4 (18.6) | 57.3 (16.8) | -40 (-40) | 75.8 (22.2) | 70.8 (20.7) | 65.3 (19.1) | 59.6 (17.5) | 53.8 (15.8) | 47.7 (14) | 41.6 (12.2) |
| KVD045L8-A Compressor Model 4DJNF76KE | -5 (-20.6) | 260.4 (76.3) | 250.1 (73.3) | 239.4 (70.2) | 228.9 (67.1) | 218.0 (63.9) | 207.1 (60.7) | 196.1 (57.5) | -10 (-23.3) | 230.0 (67.4) | 220.3 (64.6) | 210.4 (61.7) | 200.6 (58.8) | 190.5 (55.8) | 180.2 (52.8) | 169.9 (49.8) | -15 (-26.1) | 202.2 (59.3) | 193.4 (56.7) | 184.2 (54) | 174.9 (51.3) | 165.5 (48.5) | 156.0 (45.7) | 146.4 (42.9) | -20 (-28.9) | 177.2 (51.9) | 168.8 (49.5) | 160.4 (47) | 151.6 (44.4) | 142.8 (41.9) | 133.8 (39.2) | 124.7 (36.6) | -25 (-31.7) | 153.9 (45.1) | 146.2 (42.8) | 138.2 (40.5) | 130.0 (38.1) | 121.8 (35.7) | 113.2 (33.2) | 104.6 (30.6) | -30 (-34.4) | 132.3 (38.8) | 125.0 (36.6) | 117.4 (34.4) | 109.6 (32.1) | 101.6 (29.8) | 93.7 (27.4) | 85.3 (25) | -35 (-37.2) | 111.3 (32.6) | 104.6 (30.6) | 97.4 (28.6) | 89.9 (26.3) | 82.3 (24.1) | 74.6 (21.8) | 66.6 (19.5) | -40 (-40) | 90.7 (26.6) | 84.2 (24.7) | 77.5 (22.7) | 70.4 (20.6) | 63.0 (18.5) | 55.7 (16.3) | 47.9 (14) |
| KVD055L8-A Compressor Model 6DHNF93KE | -5 (-20.6) | 311.6 (91.3) | 300.1 (87.9) | 287.9 (84.4) | 275.1 (80.6) | 261.9 (76.7) | 248.0 (72.7) | 233.3 (68.4) | -10 (-23.3) | 274.9 (80.6) | 264.2 (77.4) | 253.1 (74.2) | 241.3 (70.7) | 229.1 (67.1) | 216.1 (63.3) | 202.4 (59.3) | -15 (-26.1) | 241.3 (70.7) | 231.4 (67.8) | 221.1 (64.8) | 210.4 (61.7) | 198.9 (58.3) | 186.7 (54.7) | 174.1 (51) | -20 (-28.9) | 210.2 (61.6) | 201.4 (59) | 191.7 (56.2) | 181.7 (53.2) | 170.9 (50.1) | 159.6 (46.8) | 147.4 (43.2) | -25 (-31.7) | 181.9 (53.3) | 173.5 (50.8) | 164.6 (48.3) | 155.0 (45.4) | 144.9 (42.5) | 134.2 (39.3) | 122.6 (35.9) | -30 (-34.4) | 155.4 (45.5) | 147.4 (43.2) | 139.0 (40.7) | 130.0 (38.1) | 120.3 (35.3) | 110.0 (32.2) | 99.1 (29) | -35 (-37.2) | 130.6 (38.3) | 123.1 (36.1) | 115.1 (33.7) | 106.3 (31.1) | 97.0 (28.4) | 86.9 (25.5) | 76.2 (22.3) | -40 (-40) | 107.1 (31.4) | 99.8 (29.2) | 92.0 (27) | 83.6 (24.5) | 74.3 (21.8) | 64.5 (18.9) | 54.0 (15.8) |
| KVD061L8-A Compressor Model 6DJNF11ME | -5 (-20.6) | 367.7 (107.8) | 353.4 (103.6) | 338.5 (99.2) | 323.2 (94.7) | 306.8 (89.9) | 290.0 (85) | 272.4 (79.8) | -10 (-23.3) | 324.9 (95.2) | 311.9 (91.4) | 298.2 (87.4) | 283.9 (83.2) | 268.8 (78.8) | 253.1 (74.2) | 236.5 (69.3) | -15 (-26.1) | 285.6 (83.7) | 273.4 (80.1) | 260.8 (76.4) | 247.6 (72.6) | 233.5 (68.4) | 218.8 (64.1) | 203.3 (59.6) | -20 (-28.9) | 249.3 (73.1) | 238.1 (69.8) | 226.4 (66.3) | 214.0 (62.7) | 200.8 (58.8) | 186.9 (54.8) | 172.2 (50.5) | -25 (-31.7) | 215.7 (63.2) | 205.4 (60.2) | 194.3 (56.9) | 182.5 (53.5) | 170.1 (49.9) | 156.9 (46) | 142.8 (41.9) | -30 (-34.4) | 184.2 (54) | 174.5 (51.1) | 164.0 (48.1) | 152.9 (44.8) | 140.9 (41.3) | 128.1 (37.5) | 114.7 (33.6) | -35 (-37.2) | 154.4 (45.2) | 145.1 (42.5) | 135.0 (39.6) | 124.3 (36.4) | 112.8 (33) | 100.4 (29.4) | 87.2 (25.5) | -40 (-40) | 125.8 (36.9) | 116.8 (34.2) | 106.9 (31.3) | 96.4 (28.2) | 85.1 (24.9) | 72.9 (21.4) | 59.9 (17.5) |
| KVD081L8-A Compressor Model 6DUNF13ME | -5 (-20.6) | 428.6 (125.6) | 414.1 (121.4) | 399.2 (117) | 384.3 (112.6) | 368.8 (108.1) | 352.6 (103.3) | 336.0 (98.5) | -10 (-23.3) | 381.2 (111.7) | 367.7 (107.8) | 354.1 (103.8) | 340.0 (99.6) | 325.3 (95.3) | 310.0 (90.8) | 294.0 (86.2) | -15 (-26.1) | 335.6 (98.3) | 323.2 (94.7) | 310.2 (90.9) | 296.9 (87) | 282.9 (82.9) | 268.2 (78.6) | 252.8 (74.1) | -20 (-28.9) | 292.5 (85.7) | 280.8 (82.3) | 268.6 (78.7) | 255.8 (75) | 242.3 (71) | 228.1 (66.8) | 213.2 (62.5) | -25 (-31.7) | 252.8 (74.1) | 241.7 (70.8) | 230.0 (67.4) | 217.6 (63.8) | 204.3 (59.9) | 190.5 (55.8) | 175.6 (51.5) | -30 (-34.4) | 217.1 (63.6) | 206.4 (60.5) | 194.9 (57.1) | 182.7 (53.5) | 169.7 (49.7) | 155.6 (45.6) | 140.9 (41.3) | -35 (-37.2) | 186.1 (54.5) | 175.6 (51.5) | 164.2 (48.1) | 152.0 (44.6) | 138.8 (40.7) | 124.7 (36.6) | 109.8 (32.2) | -40 (-40) | 160.7 (47.1) | 149.9 (43.9) | 138.4 (40.6) | 126.0 (36.9) | 112.6 (33) | 98.3 (28.8) | 82.7 (24.2) |

NOTES: - Above ratings are based on mean temperature. - To convert to dew point ratings, use 0.95 multiplier.

CAPACITY DATA - R448A R449A
LOW TEMP. HIGH EFFICIENCY MODELS
w/ 850RPM CONDENSER MOTOR(S)

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R448A R449A AMBIENT TEMPERATURE °F (°C) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|---------------|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|--------------|--------------|--------------|-------------|-------------|-------------|-------------|
| | ° F | ° C | 85 | (29.4) | 90 | (32.2) | 95 | (35) | 100 | (37.8) | 105 | (40.6) | 110 | (43.3) | 115 | (46.1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | KVS021D8-A Compressor Model 3DS3F46KE | -5 (-20.6) | 151.4 (44.4) | 145.2 (42.6) | 138.8 (40.7) | 132.2 (38.7) | 125.8 (36.9) | 119.2 (34.9) | 112.4 (32.9) | -10 (-23.3) | 133.0 (39) | 127.2 (37.3) | 121.4 (35.6) | 115.4 (33.8) | 109.2 (32) | 103.2 (30.2) | 97.0 (28.4) | -15 (-26.1) | 116.2 (34.1) | 110.8 (32.5) | 105.4 (30.9) | 100.0 (29.3) | 94.4 (27.7) | 88.6 (26) | 82.8 (24.3) | -20 (-28.9) | 101.0 (29.6) | 96.0 (28.1) | 91.0 (26.7) | 85.8 (25.1) | 80.6 (23.6) | 75.4 (22.1) | 70.0 (20.5) | -25 (-31.7) | 87.2 (25.6) | 82.6 (24.2) | 78.0 (22.9) | 73.0 (21.4) | 68.2 (20) | 63.0 (18.5) | 58.0 (17) | -30 (-34.4) | 74.8 (21.9) | 70.4 (20.6) | 66.0 (19.3) | 61.4 (18) | 56.6 (16.6) | 51.8 (15.2) | 46.8 (13.7) | -35 (-37.2) | 63.4 (18.6) | 59.2 (17.3) | 55.0 (16.1) | 50.4 (14.8) | 45.8 (13.4) | 41.2 (12.1) | 36.4 (10.7) | -40 (-40) | 53.0 (15.5) | 48.8 (14.3) | 44.6 (13.1) | 40.2 (11.8) | 35.8 (10.5) | 31.2 (9.1) |
| KVS031D8-A Compressor Model 4DHNF63KE | -5 (-20.6) | 209.0 (61.3) | 200.6 (58.8) | 192.2 (56.3) | 183.6 (53.8) | 175.2 (51.3) | 166.6 (48.8) | 158.2 (46.4) | -10 (-23.3) | 185.8 (54.5) | 178.2 (52.2) | 170.6 (50) | 162.8 (47.7) | 155.0 (45.4) | 147.2 (43.1) | 139.4 (40.9) | -15 (-26.1) | 164.2 (48.1) | 157.4 (46.1) | 150.4 (44.1) | 143.4 (42) | 136.2 (39.9) | 128.8 (37.7) | 121.8 (35.7) | -20 (-28.9) | 144.2 (42.3) | 137.8 (40.4) | 131.4 (38.5) | 124.8 (36.6) | 118.2 (34.6) | 111.4 (32.6) | 104.8 (30.7) | -25 (-31.7) | 125.4 (36.8) | 119.6 (35.1) | 113.6 (33.3) | 107.4 (31.5) | 101.0 (29.6) | 94.6 (27.7) | 88.4 (25.9) | -30 (-34.4) | 107.8 (31.6) | 102.2 (30) | 96.4 (28.3) | 90.6 (26.6) | 84.6 (24.8) | 78.4 (23) | 72.4 (21.2) | -35 (-37.2) | 91.0 (26.7) | 85.8 (25.1) | 80.2 (23.5) | 74.4 (21.8) | 68.6 (20.1) | 62.6 (18.3) | 56.6 (16.6) | -40 (-40) | 75.2 (22) | 70.0 (20.5) | 64.4 (18.9) | 58.8 (17.2) | 53.0 (15.5) | 47.0 (13.8) | 41.0 (12) |
| KVS045D8-A Compressor Model 4DJNF76KE | -5 (-20.6) | 257.0 (75.3) | 246.6 (72.3) | 236.0 (69.2) | 225.4 (66.1) | 214.6 (62.9) | 203.8 (59.7) | 193.0 (56.6) | -10 (-23.3) | 227.0 (66.5) | 217.4 (63.7) | 207.6 (60.8) | 197.6 (57.9) | 187.6 (55) | 177.4 (52) | 167.2 (49) | -15 (-26.1) | 199.8 (58.6) | 190.8 (55.9) | 181.8 (53.3) | 172.4 (50.5) | 163.0 (47.8) | 153.6 (45) | 144.0 (42.2) | -20 (-28.9) | 175.0 (51.3) | 166.8 (48.9) | 158.2 (46.4) | 149.6 (43.8) | 140.6 (41.2) | 131.6 (38.6) | 122.6 (35.9) | -25 (-31.7) | 152.2 (44.6) | 144.4 (42.3) | 136.4 (40) | 128.2 (37.6) | 119.8 (35.1) | 111.4 (32.6) | 102.8 (30.1) | -30 (-34.4) | 130.8 (38.3) | 123.4 (36.2) | 115.8 (33.9) | 108.2 (31.7) | 100.2 (29.4) | 92.0 (27) | 83.8 (24.6) | -35 (-37.2) | 110.0 (32.2) | 103.2 (30.2) | 96.0 (28.1) | 88.6 (26) | 81.0 (23.7) | 73.4 (21.5) | 65.4 (19.2) | -40 (-40) | 89.8 (26.3) | 83.2 (24.4) | 76.4 (22.4) | 69.2 (20.3) | 62.0 (18.2) | 54.6 (16) | 46.8 (13.7) |
| KVS055D8-A Compressor Model 6DHNF93KE | -5 (-20.6) | 306.6 (89.9) | 294.8 (86.4) | 282.6 (82.8) | 269.8 (79.1) | 256.2 (75.1) | 242.2 (71) | 227.6 (66.7) | -10 (-23.3) | 270.6 (79.3) | 260.0 (76.2) | 248.6 (72.9) | 236.8 (69.4) | 224.4 (65.8) | 211.2 (61.9) | 197.6 (57.9) | -15 (-26.1) | 237.6 (69.6) | 227.8 (66.8) | 217.4 (63.7) | 206.4 (60.5) | 194.8 (57.1) | 182.6 (53.5) | 169.8 (49.8) | -20 (-28.9) | 207.4 (60.8) | 198.2 (58.1) | 188.6 (55.3) | 178.4 (52.3) | 167.6 (49.1) | 156.0 (45.7) | 143.8 (42.1) | -25 (-31.7) | 179.4 (52.6) | 170.8 (50.1) | 161.8 (47.4) | 152.2 (44.6) | 142.0 (41.6) | 131.0 (38.4) | 119.6 (35.1) | -30 (-34.4) | 153.2 (44.9) | 145.2 (42.6) | 136.8 (40.1) | 127.6 (37.4) | 117.8 (34.5) | 107.4 (31.5) | 96.4 (28.3) | -35 (-37.2) | 128.8 (37.7) | 121.2 (35.5) | 113.0 (33.1) | 104.2 (30.5) | 94.8 (27.8) | 84.6 (24.8) | 73.8 (21.6) | -40 (-40) | 105.4 (30.9) | 98.0 (28.7) | 90.2 (26.4) | 81.6 (23.9) | 72.4 (21.2) | 62.4 (18.3) | 51.8 (15.2) |
| KVS061D8-A Compressor Model 6DJNF11ME | -5 (-20.6) | 360.6 (105.7) | 346.2 (101.5) | 331.0 (97) | 315.4 (92.4) | 299.0 (87.6) | 282.0 (82.6) | 264.2 (77.4) | -10 (-23.3) | 318.8 (93.4) | 305.6 (89.6) | 291.8 (85.5) | 277.4 (81.3) | 262.2 (76.8) | 246.2 (72.2) | 229.6 (67.3) | -15 (-26.1) | 280.6 (82.2) | 268.4 (78.7) | 255.6 (74.9) | 242.2 (71) | 228.0 (66.8) | 213.0 (62.4) | 197.4 (57.9) | -20 (-28.9) | 245.0 (71.8) | 233.8 (68.5) | 222.0 (65.1) | 209.4 (61.4) | 196.0 (57.4) | 182.0 (53.3) | 167.2 (49) | -25 (-31.7) | 212.2 (62.2) | 201.6 (59.1) | 190.4 (55.8) | 178.6 (52.3) | 166.0 (48.6) | 152.6 (44.7) | 138.4 (40.6) | -30 (-34.4) | 181.2 (53.1) | 171.2 (50.2) | 160.6 (47.1) | 149.4 (43.8) | 137.4 (40.3) | 124.6 (36.5) | 110.8 (32.5) | -35 (-37.2) | 151.8 (44.5) | 142.4 (41.7) | 132.2 (38.7) | 121.2 (35.5) | 109.6 (32.1) | 97.2 (28.5) | 83.8 (24.6) | -40 (-40) | 123.6 (36.2) | 114.4 (33.5) | 104.4 (30.6) | 93.8 (27.5) | 82.2 (24.1) | 70.0 (20.5) | 57.0 (16.7) |

NOTES: - Above ratings are based on mean temperature. - To convert to dew point ratings, use 0.95 multiplier.

CAPACITY DATA - R407C
HIGH TEMP. HIGH EFFICIENCY MODELS

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R407C AMBIENT TEMPERATURE °F (°C) | | | | | | |
|---|-------------------------------|----|--|----------------|----------------|----------------|----------------|----------------|---------------|
| | °F | °C | 85 (29.4) | 90 (32.2) | 95 (35.0) | 100 (37.8) | 105 (40.6) | 110 (43.3) | 115 (46.1) |
| KVD031H8-A Compressor Model 3DS3R17ME | 55 (12.8) | | 516.4 (151.3) | 496.9 (145.6) | 477.8 (140) | 459.5 (134.7) | 441.6 (129.4) | 424.2 (124.3) | 407.4 (119.4) |
| | 50 (10) | | 474.0 (138.9) | 456.5 (133.8) | 439.5 (128.8) | 422.9 (124) | 407.0 (119.3) | 391.4 (114.7) | 376.1 (110.2) |
| | 45 (7.2) | | 433.7 (127.1) | 418.1 (122.5) | 403.0 (118.1) | 388.3 (113.8) | 374.0 (109.6) | 360.2 (105.5) | 346.3 (101.5) |
| | 40 (4.4) | | 395.4 (115.9) | 381.6 (111.8) | 368.3 (107.9) | 355.3 (104.1) | 342.5 (100.4) | 330.1 (96.7) | 317.7 (93.1) |
| | 35 (1.7) | | 359.3 (105.3) | 347.1 (101.7) | 335.4 (98.3) | 324.0 (95) | 312.7 (91.6) | 301.4 (88.3) | 290.2 (85.1) |
| KVD041H8-A Compressor Model 4DANR18ME | 55 (12.8) | | 643.2 (188.5) | 609.4 (178.6) | 576.2 (168.9) | 543.6 (159.3) | 511.8 (150) | 480.4 (140.8) | - |
| | 50 (10) | | 578.4 (169.5) | 548.4 (160.7) | 519.0 (152.1) | 490.2 (143.7) | 462.2 (135.5) | 434.8 (127.4) | 407.8 (119.5) |
| | 45 (7.2) | | 518.4 (151.9) | 492.0 (144.2) | 466.4 (136.7) | 441.4 (129.4) | 417.0 (122.2) | 393.2 (115.2) | 370.0 (108.4) |
| | 40 (4.4) | | 463.4 (135.8) | 440.6 (129.1) | 418.4 (122.6) | 397.0 (116.3) | 376.0 (110.2) | 355.8 (104.3) | 335.8 (98.4) |
| | 35 (1.7) | | 413.2 (121.1) | 393.8 (115.4) | 374.8 (109.8) | 356.8 (104.6) | 339.0 (99.4) | 322.0 (94.4) | 305.2 (89.4) |
| KVD045H8-A Compressor Model 4DBNR20ME | 55 (12.8) | | 662.3 (194.1) | 638.6 (187.2) | 614.9 (180.2) | 591.2 (173.2) | 567.6 (166.4) | 544.3 (159.5) | - |
| | 50 (10) | | 604.0 (177) | 581.5 (170.4) | 559.2 (163.9) | 537.0 (157.4) | 514.9 (150.9) | 493.1 (144.5) | 471.5 (138.2) |
| | 45 (7.2) | | 550.0 (161.2) | 529.0 (155) | 508.2 (148.9) | 487.4 (142.8) | 466.8 (136.8) | 446.5 (130.8) | 426.5 (125) |
| | 40 (4.4) | | 500.0 (146.5) | 480.5 (140.8) | 461.2 (135.2) | 441.8 (129.5) | 422.9 (124) | 404.0 (118.4) | 385.6 (113) |
| | 35 (1.7) | | 453.6 (132.9) | 435.5 (127.6) | 417.7 (122.4) | 399.8 (117.2) | 382.4 (112.1) | 365.2 (107) | 348.4 (102.1) |
| KVD051H8-A Compressor Model 4DHNR22ME | 55 (12.8) | | 788.3 (231) | 747.2 (219) | 706.9 (207.2) | 667.2 (195.5) | 628.5 (184.2) | 590.9 (173.2) | 554.6 (162.5) |
| | 50 (10) | | 719.9 (211) | 682.9 (200.1) | 646.8 (189.6) | 611.5 (179.2) | 577.1 (169.1) | 543.7 (159.3) | 511.6 (149.9) |
| | 45 (7.2) | | 654.2 (191.7) | 621.4 (182.1) | 589.5 (172.8) | 558.2 (163.6) | 527.9 (154.7) | 498.5 (146.1) | 470.6 (137.9) |
| | 40 (4.4) | | 591.6 (173.4) | 563.0 (165) | 535.1 (156.8) | 507.6 (148.8) | 481.1 (141) | 455.7 (133.6) | 431.6 (126.5) |
| | 35 (1.7) | | 532.8 (156.1) | 507.8 (148.8) | 483.6 (141.7) | 459.9 (134.8) | 437.0 (128.1) | 415.0 (121.6) | 394.2 (115.5) |
| KVD061H8-A Compressor Model 4DJNR28ME | 55 (12.8) | | 935.6 (274.2) | 887.7 (260.1) | 840.8 (246.4) | 795.1 (233) | 750.1 (219.8) | 706.2 (207) | 663.6 (194.5) |
| | 50 (10) | | 848.6 (248.7) | 805.8 (236.1) | 764.0 (223.9) | 723.2 (212) | 683.6 (200.3) | 644.9 (189) | 607.3 (178) |
| | 45 (7.2) | | 766.9 (224.8) | 729.1 (213.7) | 692.4 (202.9) | 656.5 (192.4) | 621.8 (182.2) | 588.0 (172.3) | 555.5 (162.8) |
| | 40 (4.4) | | 690.9 (202.5) | 657.9 (192.8) | 625.8 (183.4) | 594.7 (174.3) | 564.7 (165.5) | 535.5 (156.9) | 507.6 (148.8) |
| | 35 (1.7) | | 620.3 (181.8) | 592.0 (173.5) | 564.3 (165.4) | 537.6 (157.6) | 512.0 (150) | 487.2 (142.8) | 463.5 (135.8) |
| KVD071H8-A Compressor Model 6DHNR35ME | 55 (12.8) | | 1153.3 (338) | 1108.6 (324.9) | 1063.7 (311.7) | 1018.5 (298.5) | 973.4 (285.3) | 927.8 (271.9) | 882.2 (258.5) |
| | 50 (10) | | 1031.9 (302.4) | 992.5 (290.9) | 952.8 (279.2) | 912.9 (267.5) | 872.8 (255.8) | 832.4 (244) | 791.7 (232) |
| | 45 (7.2) | | 922.5 (270.4) | 887.9 (260.2) | 853.0 (250) | 818.0 (239.7) | 782.7 (229.4) | 747.0 (218.9) | 710.9 (208.3) |
| | 40 (4.4) | | 824.3 (241.6) | 794.2 (232.8) | 763.8 (223.8) | 733.1 (214.9) | 702.2 (205.8) | 671.0 (196.6) | 639.2 (187.3) |
| | 35 (1.7) | | 736.5 (215.8) | 710.6 (208.3) | 684.4 (200.6) | 657.7 (192.8) | 630.8 (184.9) | 603.5 (176.9) | 575.6 (168.7) |
| KVD081H8-A Compressor Model 6DJNR40ME | 55 (12.8) | | 1607.1 (471) | 1540.1 (451.4) | 1468.1 (430.3) | 1391.7 (407.9) | 1311.0 (384.2) | 1226.8 (359.5) | 1139.7 (334) |
| | 50 (10) | | 1410.2 (413.3) | 1350.7 (395.9) | 1286.0 (376.9) | 1217.0 (356.7) | 1144.1 (335.3) | 1067.9 (313) | 988.7 (289.8) |
| | 45 (7.2) | | 1235.4 (362.1) | 1182.7 (346.6) | 1125.2 (329.8) | 1063.2 (311.6) | 997.7 (292.4) | 929.0 (272.3) | 857.6 (251.3) |
| | 40 (4.4) | | 1083.0 (317.4) | 1036.1 (303.7) | 984.9 (288.6) | 929.5 (272.4) | 870.9 (255.2) | 809.6 (237.3) | 745.9 (218.6) |
| | 35 (1.7) | | 951.1 (278.7) | 909.7 (266.6) | 864.2 (253.3) | 815.0 (238.9) | 762.9 (223.6) | 708.5 (207.7) | 652.3 (191.2) |

NOTES: - Above ratings are based on mean temperature. - To convert to dew point ratings, use 0.95 multiplier.

CAPACITY DATA - R407C
MEDIUM TEMP. HIGH EFFICIENCY MODELS

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE °F °C | CAPACITY MBH (KW) R407C AMBIENT TEMPERATURE °F (°C) | | | | | | | |
|---------------------------------------|-------------------------------------|--|---------------|---------------|---------------|---------------|---------------|---------------|--|
| | | 85 (29.4) | 90 (32.2) | 95 (35.0) | 100 (37.8) | 105 (40.6) | 110 (43.3) | 115 (46.1) | |
| KVD031M8-A Compressor Model 3DS3R17ME | 30 (-1.1) | 325.5 (95.4) | 314.8 (92.3) | 304.5 (89.2) | 294.4 (86.3) | 284.1 (83.3) | 274.1 (80.3) | 263.8 (77.3) | |
| | 25 (-3.9) | 293.6 (86) | 284.3 (83.3) | 275.3 (80.7) | 266.3 (78) | 257.3 (75.4) | 248.0 (72.7) | 238.4 (69.9) | |
| | 20 (-6.7) | 264.2 (77.4) | 256.0 (75) | 248.0 (72.7) | 239.8 (70.3) | 231.6 (67.9) | 223.0 (65.4) | 214.0 (62.7) | |
| | 15 (-9.4) | 236.7 (69.4) | 229.5 (67.3) | 222.4 (65.2) | 215.0 (63) | 207.3 (60.7) | 199.1 (58.3) | 190.5 (55.8) | |
| KVD041M8-A Compressor Model 4DANR18ME | 30 (-1.1) | 367.8 (107.8) | 351.4 (103) | 335.6 (98.4) | 320.4 (93.9) | 305.8 (89.6) | 291.6 (85.5) | - | |
| | 25 (-3.9) | 327.2 (95.9) | 313.6 (91.9) | 300.4 (88) | 287.8 (84.3) | 275.8 (80.8) | 264.0 (77.4) | 252.8 (74.1) | |
| | 20 (-6.7) | 290.8 (85.2) | 279.6 (81.9) | 268.8 (78.8) | 258.6 (75.8) | 248.6 (72.9) | 239.0 (70) | 229.6 (67.3) | |
| | 15 (-9.4) | 258.6 (75.8) | 249.2 (73) | 240.4 (70.5) | 232.0 (68) | 223.8 (65.6) | 215.8 (63.2) | 208.0 (61) | |
| KVD045M8-A Compressor Model 4DBNR20ME | 30 (-1.1) | 410.3 (120.3) | 393.8 (115.4) | 377.4 (110.6) | 361.0 (105.8) | 345.2 (101.2) | 329.5 (96.6) | 314.4 (92.1) | |
| | 25 (-3.9) | 369.6 (108.3) | 354.5 (103.9) | 339.6 (99.5) | 324.9 (95.2) | 310.4 (91) | 296.5 (86.9) | 282.9 (82.9) | |
| | 20 (-6.7) | 331.0 (97) | 317.3 (93) | 303.9 (89.1) | 290.6 (85.2) | 277.8 (81.4) | 265.4 (77.8) | 253.5 (74.3) | |
| | 15 (-9.4) | 294.0 (86.2) | 281.6 (82.5) | 269.6 (79) | 258.1 (75.6) | 246.8 (72.3) | 236.0 (69.2) | 225.8 (66.2) | |
| KVD051M8-A Compressor Model 4DHR22ME | 30 (-1.1) | 477.5 (140) | 456.1 (133.7) | 435.3 (127.6) | 415.0 (121.6) | 395.2 (115.8) | 376.5 (110.3) | 358.9 (105.2) | |
| | 25 (-3.9) | 426.1 (124.9) | 408.0 (119.6) | 390.2 (114.4) | 372.8 (109.2) | 356.2 (104.4) | 340.2 (99.7) | 325.3 (95.3) | |
| | 20 (-6.7) | 378.8 (111) | 363.5 (106.5) | 348.4 (102.1) | 333.7 (97.8) | 319.4 (93.6) | 306.0 (89.7) | 293.4 (86) | |
| | 15 (-9.4) | 335.6 (98.3) | 322.8 (94.6) | 310.0 (90.8) | 297.4 (87.1) | 285.2 (83.6) | 273.6 (80.2) | 262.9 (77.1) | |
| KVD061M8-A Compressor Model 4DJNR28ME | 30 (-1.1) | 555.7 (162.8) | 531.3 (155.7) | 508.0 (148.9) | 485.3 (142.2) | 463.5 (135.8) | 442.7 (129.7) | 422.7 (123.9) | |
| | 25 (-3.9) | 496.4 (145.5) | 475.9 (139.5) | 456.1 (133.7) | 437.0 (128.1) | 419.0 (122.8) | 401.5 (117.7) | 384.9 (112.8) | |
| | 20 (-6.7) | 442.7 (129.7) | 425.5 (124.7) | 408.9 (119.8) | 392.9 (115.2) | 377.8 (110.7) | 363.3 (106.5) | 349.4 (102.4) | |
| | 15 (-9.4) | 394.0 (115.5) | 379.5 (111.2) | 365.6 (107.1) | 352.4 (103.3) | 339.6 (99.5) | 327.4 (95.9) | 316.1 (92.6) | |
| KVD071M8-A Compressor Model 6DHNR35ME | 30 (-1.1) | 658.6 (193) | 636.3 (186.5) | 613.8 (179.9) | 590.7 (173.1) | 567.4 (166.3) | 543.5 (159.3) | 518.9 (152.1) | |
| | 25 (-3.9) | 589.3 (172.7) | 570.4 (167.2) | 551.0 (161.5) | 531.1 (155.6) | 510.7 (149.7) | 489.7 (143.5) | 468.1 (137.2) | |
| | 20 (-6.7) | 527.7 (154.7) | 511.6 (149.9) | 494.8 (145) | 477.5 (140) | 459.5 (134.7) | 441.0 (129.2) | 421.7 (123.6) | |
| | 15 (-9.4) | 472.7 (138.5) | 458.6 (134.4) | 443.9 (130.1) | 428.6 (125.6) | 412.7 (120.9) | 396.1 (116.1) | 378.6 (111) | |
| KVD081M8-A Compressor Model 6DJNR40ME | 30 (-1.1) | 838.3 (245.7) | 801.6 (234.9) | 761.3 (223.1) | 717.6 (210.3) | 671.8 (196.9) | 624.1 (182.9) | 575.2 (168.6) | |
| | 25 (-3.9) | 742.4 (217.6) | 709.6 (208) | 673.9 (197.5) | 635.7 (186.3) | 595.6 (174.5) | 554.4 (162.5) | 512.8 (150.3) | |
| | 20 (-6.7) | 660.5 (193.6) | 631.3 (185) | 599.6 (175.7) | 566.4 (166) | 531.9 (155.9) | 497.3 (145.7) | 462.6 (135.6) | |
| | 15 (-9.4) | 589.7 (172.8) | 563.6 (165.2) | 535.9 (157.1) | 507.4 (148.7) | 478.4 (140.2) | 450.0 (131.9) | 422.7 (123.9) | |
| KVD101M8-A Compressor Model 6DUNR49ME | 30 (-1.1) | 979.2 (287) | 933.7 (273.6) | 885.8 (259.6) | 836.2 (245.1) | 785.4 (230.2) | 734.0 (215.1) | 682.5 (200) | |
| | 25 (-3.9) | 868.4 (254.5) | 827.0 (242.4) | 783.9 (229.7) | 739.8 (216.8) | 694.9 (203.7) | 650.0 (190.5) | 605.6 (177.5) | |
| | 20 (-6.7) | 768.0 (225.1) | 730.8 (214.2) | 692.6 (203) | 653.7 (191.6) | 614.9 (180.2) | 576.7 (169) | 539.7 (158.2) | |
| | 15 (-9.4) | 677.9 (198.7) | 644.9 (189) | 611.3 (179.2) | 578.1 (169.4) | 545.4 (159.8) | 514.1 (150.7) | 484.9 (142.1) | |
| 10 (-12.2) | 597.5 (175.1) | 568.7 (166.7) | 540.1 (158.3) | 512.4 (150.2) | 486.4 (142.5) | 462.4 (135.5) | 441.4 (129.4) | | |

NOTES: - Above ratings are based on mean temperature. - To convert to dew point ratings, use 0.95 multiplier.

CAPACITY DATA - R404A R507
HIGH TEMP. HIGH EFFICIENCY MODELS

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE °F °C | CAPACITY MBH (KW) R404A R507 AMBIENT TEMPERATURE °F (°C) | | | | | | | |
|---------------------------------------|-------------------------------------|---|----------------|----------------|---------------|---------------|---------------|---------------|--|
| | | 85 (29.4) | 90 (32.2) | 95 (35.0) | 100 (37.8) | 105 (40.6) | 110 (43.3) | 115 (46.1) | |
| KVD031H8-A Compressor Model 3DS3R17ME | 45 (7.2) | 463.0 (135.7) | 443.2 (129.9) | 423.4 (124.1) | 404.0 (118.4) | 384.8 (112.8) | 365.8 (107.2) | 347.0 (101.7) | |
| | 40 (4.4) | 425.8 (124.8) | 407.6 (119.5) | 389.6 (114.2) | 371.8 (109) | 354.4 (103.9) | 337.0 (98.8) | 319.8 (93.7) | |
| | 35 (1.7) | 390.6 (114.5) | 374.0 (109.6) | 357.6 (104.8) | 341.4 (100.1) | 325.4 (95.4) | 309.6 (90.7) | 294.0 (86.2) | |
| KVD041H8-A Compressor Model 4DANR18ME | 45 (7.2) | 501.4 (146.9) | 478.6 (140.3) | 455.6 (133.5) | 432.8 (126.8) | 410.0 (120.2) | 387.6 (113.6) | - | |
| | 40 (4.4) | 463.6 (135.9) | 442.2 (129.6) | 420.8 (123.3) | 399.2 (117) | 378.0 (110.8) | 357.2 (104.7) | - | |
| | 35 (1.7) | 426.6 (125) | 406.8 (119.2) | 386.8 (113.4) | 366.8 (107.5) | 347.0 (101.7) | 327.6 (96) | 308.6 (90.4) | |
| KVD045H8-A Compressor Model 4DBNR20ME | 45 (7.2) | 559.4 (163.9) | 535.0 (156.8) | 511.2 (149.8) | 488.0 (143) | 465.4 (136.4) | 443.2 (129.9) | 421.6 (123.6) | |
| | 40 (4.4) | 521.0 (152.7) | 498.2 (146) | 476.0 (139.5) | 454.4 (133.2) | 433.4 (127) | 412.8 (121) | 392.6 (115.1) | |
| | 35 (1.7) | 482.6 (141.4) | 461.4 (135.2) | 440.8 (129.2) | 420.8 (123.3) | 401.2 (117.6) | 382.0 (112) | 363.4 (106.5) | |
| KVD051H8-A Compressor Model 4DHR22ME | 45 (7.2) | 621.4 (182.1) | 594.2 (174.1) | 567.8 (166.4) | 542.2 (158.9) | 517.4 (151.6) | 493.2 (144.5) | 469.4 (137.6) | |
| | 40 (4.4) | 577.8 (169.3) | 552.6 (162) | 528.0 (154.7) | 504.2 (147.8) | 481.0 (141) | 458.4 (134.3) | 436.4 (127.9) | |
| | 35 (1.7) | 534.4 (156.6) | 511.0 (149.8) | 488.2 (143.1) | 466.0 (136.6) | 444.6 (130.3) | 423.6 (124.1) | 403.2 (118.2) | |
| KVD061H8-A Compressor Model 4DJNR28ME | 45 (7.2) | 762.6 (223.5) | 730.0 (213.9) | 697.8 (204.5) | 665.8 (195.1) | 634.0 (185.8) | 602.2 (176.5) | 570.6 (167.2) | |
| | 40 (4.4) | 702.6 (205.9) | 672.4 (197.1) | 642.6 (188.3) | 613.0 (179.7) | 583.6 (171) | 554.2 (162.4) | 525.0 (153.9) | |
| | 35 (1.7) | 645.0 (189) | 617.2 (180.9) | 589.8 (172.9) | 562.6 (164.9) | 535.4 (156.9) | 508.6 (149.1) | 481.6 (141.1) | |
| KVD071H8-A Compressor Model 6DHNR35ME | 45 (7.2) | 975.2 (285.8) | 934.6 (273.9) | 894.0 (262) | 853.4 (250.1) | 812.4 (238.1) | 771.4 (226.1) | 730.2 (214) | |
| | 40 (4.4) | 894.0 (262) | 857.0 (251.2) | 819.8 (240.3) | 782.6 (229.4) | 745.2 (218.4) | 707.6 (207.4) | 670.0 (196.4) | |
| | 35 (1.7) | 817.4 (239.6) | 783.6 (229.6) | 749.8 (219.7) | 715.8 (209.8) | 681.8 (199.8) | 647.4 (189.7) | 613.2 (179.7) | |
| KVD081H8-A Compressor Model 6DJNR40ME | 45 (7.2) | 1103.8 (323.5) | 1059.8 (310.6) | 1016.0 (297.8) | 972.2 (284.9) | 928.0 (272) | 883.6 (259) | 838.4 (245.7) | |
| | 40 (4.4) | 1019.8 (298.9) | 979.0 (286.9) | 938.4 (275) | 897.8 (263.1) | 857.2 (251.2) | 816.2 (239.2) | 774.6 (227) | |
| | 35 (1.7) | 939.0 (275.2) | 901.4 (264.2) | 864.0 (253.2) | 826.6 (242.3) | 789.0 (231.2) | 751.2 (220.2) | 713.0 (209) | |

CAPACITY DATA - R404A R507
MEDIUM TEMP. HIGH EFFICIENCY MODELS

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R404A R507 AMBIENT TEMPERATURE °F (°C) | | | | | | | |
|---|-------------------------------|---------------|--|---------------|---------------|---------------|---------------|---------------|---------------|--|
| | ° F | ° C | 85 (29.4) | 90 (32.2) | 95 (35.0) | 100 (37.8) | 105 (40.6) | 110 (43.3) | 115 (46.1) | |
| KVD031M8-A Compressor Model 3DS3R17ME | 30 | (-1.1) | 357.0 (104.6) | 342.0 (100.2) | 327.2 (95.9) | 312.6 (91.6) | 298.2 (87.4) | 283.8 (83.2) | 269.8 (79.1) | |
| | 25 | (-3.9) | 325.4 (95.4) | 312.0 (91.4) | 298.6 (87.5) | 285.4 (83.6) | 272.4 (79.8) | 259.4 (76) | 246.8 (72.3) | |
| | 20 | (-6.7) | 295.6 (86.6) | 283.6 (83.1) | 271.6 (79.6) | 259.8 (76.1) | 248.0 (72.7) | 236.6 (69.3) | 225.2 (66) | |
| | 15 | (-9.4) | 267.8 (78.5) | 257.0 (75.3) | 246.2 (72.2) | 235.6 (69) | 225.2 (66) | 215.0 (63) | 204.8 (60) | |
| | 10 | (-12.2) | 241.8 (70.9) | 232.0 (68) | 222.6 (65.2) | 213.2 (62.5) | 203.8 (59.7) | 194.6 (57) | 185.6 (54.4) | |
| | 5 | (-15) | 217.6 (63.8) | 209.0 (61.3) | 200.4 (58.7) | 192.0 (56.3) | 183.8 (53.9) | 175.6 (51.5) | 167.6 (49.1) | |
| 0 | (-17.8) | 195.0 (57.1) | 187.4 (54.9) | 179.8 (52.7) | 172.4 (50.5) | 165.0 (48.4) | 157.8 (46.2) | 150.6 (44.1) | | |
| KVD041M8-A Compressor Model 4DANR18ME | 30 | (-1.1) | 391.0 (114.6) | 372.6 (109.2) | 354.0 (103.7) | 335.4 (98.3) | 317.0 (92.9) | 299.0 (87.6) | 281.4 (82.5) | |
| | 25 | (-3.9) | 356.6 (104.5) | 339.8 (99.6) | 322.6 (94.5) | 305.4 (89.5) | 288.2 (84.5) | 271.6 (79.6) | 255.2 (74.8) | |
| | 20 | (-6.7) | 323.8 (94.9) | 308.2 (90.3) | 292.4 (85.7) | 276.4 (81) | 260.8 (76.4) | 245.2 (71.9) | 230.4 (67.5) | |
| | 15 | (-9.4) | 292.6 (85.8) | 278.2 (81.5) | 263.8 (77.3) | 249.0 (73) | 234.6 (68.8) | 220.4 (64.6) | 206.8 (60.6) | |
| | 10 | (-12.2) | 263.0 (77.1) | 250.0 (73.3) | 236.6 (69.3) | 223.2 (65.4) | 210.0 (61.5) | 197.0 (57.7) | 184.6 (54.1) | |
| | 5 | (-15) | 235.4 (69) | 223.4 (65.5) | 211.2 (61.9) | 199.0 (58.3) | 186.8 (54.7) | 175.0 (51.3) | 163.8 (48) | |
| 0 | (-17.8) | 209.6 (61.4) | 198.8 (58.3) | 187.8 (55) | 176.6 (51.8) | 165.6 (48.5) | 154.8 (45.4) | 144.6 (42.4) | | |
| KVD045M8-A Compressor Model 4DBNR20ME | 30 | (-1.1) | 444.6 (130.3) | 425.0 (124.6) | 405.8 (118.9) | 387.4 (113.5) | 369.2 (108.2) | 351.6 (103) | 334.2 (97.9) | |
| | 25 | (-3.9) | 407.0 (119.3) | 389.0 (114) | 371.6 (108.9) | 354.4 (103.9) | 337.8 (99) | 321.4 (94.2) | 305.4 (89.5) | |
| | 20 | (-6.7) | 370.6 (108.6) | 354.2 (103.8) | 338.0 (99.1) | 322.4 (94.5) | 307.0 (90) | 292.2 (85.6) | 277.4 (81.3) | |
| | 15 | (-9.4) | 335.6 (98.4) | 320.6 (94) | 305.8 (89.6) | 291.6 (85.5) | 277.6 (81.4) | 264.0 (77.4) | 250.6 (73.4) | |
| | 10 | (-12.2) | 302.2 (88.6) | 288.6 (84.6) | 275.4 (80.7) | 262.6 (77) | 249.8 (73.2) | 237.4 (69.6) | 225.2 (66) | |
| | 5 | (-15) | 271.0 (79.4) | 258.8 (75.8) | 247.0 (72.4) | 235.4 (69) | 224.0 (65.6) | 212.8 (62.4) | 201.8 (59.1) | |
| 0 | (-17.8) | 242.4 (71) | 231.6 (67.9) | 221.0 (64.8) | 210.8 (61.8) | 200.6 (58.8) | 190.4 (55.8) | 180.6 (52.9) | | |
| KVD051M8-A Compressor Model 4DHNR22ME | 30 | (-1.1) | 491.4 (144) | 469.8 (137.7) | 448.8 (131.5) | 428.4 (125.6) | 408.4 (119.7) | 389.2 (114.1) | 370.2 (108.5) | |
| | 25 | (-3.9) | 449.4 (131.7) | 429.4 (125.8) | 410.0 (120.2) | 391.4 (114.7) | 373.0 (109.3) | 355.2 (104.1) | 337.8 (99) | |
| | 20 | (-6.7) | 408.4 (119.7) | 390.2 (114.4) | 372.6 (109.2) | 355.4 (104.2) | 338.8 (99.3) | 322.4 (94.5) | 306.4 (89.8) | |
| | 15 | (-9.4) | 369.0 (108.1) | 352.4 (103.3) | 336.4 (98.6) | 321.0 (94.1) | 305.8 (89.6) | 291.0 (85.3) | 276.4 (81) | |
| | 10 | (-12.2) | 331.6 (97.2) | 316.8 (92.8) | 302.4 (88.6) | 288.4 (84.5) | 274.8 (80.5) | 261.4 (76.6) | 248.2 (72.7) | |
| | 5 | (-15) | 296.8 (87) | 283.6 (83.1) | 270.8 (79.4) | 258.4 (75.7) | 246.2 (72.2) | 234.0 (68.6) | 222.0 (65.1) | |
| 0 | (-17.8) | 264.6 (77.5) | 253.0 (74.1) | 241.8 (70.9) | 230.8 (67.6) | 220.2 (64.5) | 209.4 (61.4) | 198.6 (58.2) | | |
| KVD061M8-A Compressor Model 4DJNR28ME | 30 | (-1.1) | 590.0 (172.9) | 564.4 (165.4) | 539.2 (158) | 514.4 (150.8) | 489.6 (143.5) | 465.0 (136.3) | 440.4 (129.1) | |
| | 25 | (-3.9) | 537.4 (157.5) | 514.2 (150.7) | 491.2 (144) | 468.4 (137.3) | 446.0 (130.7) | 423.6 (124.1) | 401.2 (117.6) | |
| | 20 | (-6.7) | 487.6 (142.9) | 466.4 (136.7) | 445.6 (130.6) | 425.0 (124.6) | 404.6 (118.6) | 384.4 (112.7) | 364.2 (106.7) | |
| | 15 | (-9.4) | 440.4 (129.1) | 421.4 (123.5) | 402.6 (118) | 384.0 (112.5) | 365.6 (107.1) | 347.4 (101.8) | 329.4 (96.5) | |
| | 10 | (-12.2) | 396.0 (116.1) | 378.8 (111) | 362.0 (106.1) | 345.4 (101.2) | 329.0 (96.4) | 312.8 (91.7) | 296.6 (86.9) | |
| | 5 | (-15) | 354.4 (103.9) | 339.2 (99.4) | 324.2 (95) | 309.4 (90.7) | 294.8 (86.4) | 280.6 (82.2) | 266.2 (78) | |
| 0 | (-17.8) | 315.8 (92.6) | 302.2 (88.6) | 288.8 (84.6) | 275.8 (80.8) | 263.2 (77.1) | 250.6 (73.4) | 238.0 (69.8) | | |
| KVD071M8-A Compressor Model 6DHNR35ME | 30 | (-1.1) | 745.2 (218.4) | 714.6 (209.4) | 683.8 (200.4) | 652.8 (191.3) | 622.0 (182.3) | 590.8 (173.1) | 559.6 (164) | |
| | 25 | (-3.9) | 677.4 (198.5) | 649.6 (190.4) | 621.8 (182.2) | 593.8 (174) | 565.8 (165.8) | 537.6 (157.6) | 509.4 (149.3) | |
| | 20 | (-6.7) | 614.2 (180) | 589.0 (172.6) | 563.8 (165.2) | 538.4 (157.8) | 513.0 (150.3) | 487.6 (142.9) | 462.2 (135.5) | |
| | 15 | (-9.4) | 555.2 (162.7) | 532.4 (156) | 509.6 (149.3) | 486.8 (142.7) | 463.8 (135.9) | 441.0 (129.2) | 418.0 (122.5) | |
| | 10 | (-12.2) | 500.4 (146.7) | 479.8 (140.6) | 459.2 (134.6) | 438.6 (128.5) | 417.8 (122.4) | 397.2 (116.4) | 376.6 (110.4) | |
| | 5 | (-15) | 449.8 (131.8) | 431.2 (126.4) | 412.4 (120.9) | 393.6 (115.4) | 375.0 (109.9) | 356.4 (104.5) | 337.8 (99) | |
| 0 | (-17.8) | 403.4 (118.2) | 386.2 (113.2) | 369.0 (108.1) | 352.0 (103.2) | 335.2 (98.2) | 318.2 (93.3) | 301.4 (88.3) | | |
| KVD081M8-A Compressor Model 6DJNR40ME | 30 | (-1.1) | 861.6 (252.5) | 827.0 (242.4) | 792.4 (232.2) | 758.2 (222.2) | 723.8 (212.1) | 689.2 (202) | 654.2 (191.7) | |
| | 25 | (-3.9) | 787.8 (230.9) | 755.8 (221.5) | 724.4 (212.3) | 693.0 (203.1) | 661.6 (193.9) | 630.0 (184.6) | 598.0 (175.3) | |
| | 20 | (-6.7) | 717.6 (210.3) | 688.4 (201.7) | 659.6 (193.3) | 630.8 (184.9) | 602.4 (176.5) | 573.6 (168.1) | 544.6 (159.6) | |
| | 15 | (-9.4) | 651.4 (190.9) | 624.6 (183.1) | 598.2 (175.3) | 572.2 (167.7) | 546.4 (160.1) | 520.4 (152.5) | 494.0 (144.8) | |
| | 10 | (-12.2) | 589.2 (172.7) | 564.6 (165.5) | 540.6 (158.4) | 517.0 (151.5) | 493.6 (144.7) | 470.2 (137.8) | 446.4 (130.8) | |
| | 5 | (-15) | 530.8 (155.6) | 508.4 (149) | 486.6 (142.6) | 465.2 (136.3) | 444.2 (130.2) | 423.2 (124) | 402.0 (117.8) | |
| 0 | (-17.8) | 476.8 (139.7) | 456.2 (133.7) | 436.4 (127.9) | 417.2 (122.3) | 398.2 (116.7) | 379.4 (111.2) | 360.4 (105.6) | | |
| KVD101M8-A Compressor Model 6DUNR49ME | 30 | (-1.1) | 1013.2 (296.9) | 974.6 (285.6) | 935.4 (274.1) | 895.8 (262.5) | 855.8 (250.8) | 815.6 (239) | 775.0 (227.1) | |
| | 25 | (-3.9) | 928.4 (272.1) | 893.0 (261.7) | 856.8 (251.1) | 820.4 (240.4) | 783.6 (229.6) | 746.4 (218.7) | 709.0 (207.8) | |
| | 20 | (-6.7) | 846.4 (248.1) | 813.8 (238.5) | 780.6 (228.8) | 747.2 (219) | 713.2 (209) | 679.0 (199) | 644.6 (188.9) | |
| | 15 | (-9.4) | 767.8 (225) | 738.0 (216.3) | 707.6 (207.4) | 677.0 (198.4) | 645.8 (189.3) | 614.6 (180.1) | 583.0 (170.9) | |
| | 10 | (-12.2) | 693.6 (203.3) | 666.6 (195.4) | 638.8 (187.2) | 610.8 (179) | 582.4 (170.7) | 553.8 (162.3) | 525.0 (153.9) | |
| | 5 | (-15) | 625.2 (183.2) | 600.4 (176) | 575.2 (168.6) | 549.6 (161.1) | 523.8 (153.5) | 497.6 (145.8) | 471.4 (138.2) | |
| 0 | (-17.8) | 563.2 (165.1) | 540.6 (158.4) | 517.8 (151.8) | 494.4 (144.9) | 471.0 (138) | 447.2 (131.1) | 423.4 (124.1) | | |

CAPACITY DATA - R404A R507
LOW TEMP. HIGH EFFICIENCY MODELS

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE | | CAPACITY MBH (KW) R404A R507 AMBIENT TEMPERATURE °F (°C) | | | | | | | | | | | | | |
|--|-------------------------------|--------------|--|---------------|---------------|---------------|---------------|---------------|---------------|--|------------|--|------------|--|------------|--|
| | ° F | ° C | 85 (29.4) | | 90 (32.2) | | 95 (35) | | 100 (37.8) | | 105 (40.6) | | 110 (43.3) | | 115 (46.1) | |
| | | | | | | | | | | | | | | | | |
| KVD021L6-A Compressor Model 3DS3F46KE | 0 (-17.8) | | 182.2 (53.4) | 175.0 (51.3) | 168.0 (49.2) | 160.8 (47.1) | 153.8 (45.1) | 147.0 (43.1) | 140.2 (41.1) | | | | | | | |
| | -5 (-20.6) | | 164.4 (48.2) | 158.0 (46.3) | 151.6 (44.4) | 145.2 (42.6) | 138.8 (40.7) | 132.6 (38.9) | 126.6 (37.1) | | | | | | | |
| | -10 (-23.3) | | 147.6 (43.3) | 142.0 (41.6) | 136.2 (39.9) | 130.4 (38.2) | 124.8 (36.6) | 119.0 (34.9) | 113.6 (33.3) | | | | | | | |
| | -15 (-26.1) | | 131.8 (38.6) | 126.8 (37.2) | 121.6 (35.6) | 116.4 (34.1) | 111.2 (32.6) | 106.2 (31.1) | 101.0 (29.6) | | | | | | | |
| | -20 (-28.9) | | 117.0 (34.3) | 112.6 (33) | 108.0 (31.7) | 103.2 (30.2) | 98.6 (28.9) | 93.8 (27.5) | 89.2 (26.1) | | | | | | | |
| | -25 (-31.7) | | 103.2 (30.2) | 99.2 (29.1) | 95.2 (27.9) | 90.8 (26.6) | 86.6 (25.4) | 82.2 (24.1) | 78.2 (22.9) | | | | | | | |
| | -30 (-34.4) | | 90.6 (26.6) | 87.0 (25.5) | 83.2 (24.4) | 79.2 (23.2) | 75.4 (22.1) | 71.4 (20.9) | 67.6 (19.8) | | | | | | | |
| | -35 (-37.2) | | 78.8 (23.1) | 75.6 (22.2) | 72.0 (21.1) | 68.4 (20) | 64.8 (19) | 61.2 (17.9) | 57.6 (16.9) | | | | | | | |
| -40 (-40) | | 68.2 (20) | 65.2 (19.1) | 61.8 (18.1) | 58.6 (17.2) | 55.2 (16.2) | 51.6 (15.1) | 48.2 (14.1) | | | | | | | | |
| KVD031L6-A Compressor Model 4DHNFF63KE | 0 (-17.8) | | 252.8 (74.1) | 242.8 (71.2) | 233.4 (68.4) | 224.2 (65.7) | 215.0 (63) | 205.8 (60.3) | 196.4 (57.6) | | | | | | | |
| | -5 (-20.6) | | 227.6 (66.7) | 218.4 (64) | 209.8 (61.5) | 201.6 (59.1) | 193.4 (56.7) | 185.0 (54.2) | 176.2 (51.6) | | | | | | | |
| | -10 (-23.3) | | 204.4 (59.9) | 196.2 (57.5) | 188.4 (55.2) | 181.0 (53) | 173.6 (50.9) | 166.0 (48.6) | 157.8 (46.2) | | | | | | | |
| | -15 (-26.1) | | 183.2 (53.7) | 175.8 (51.5) | 168.8 (49.5) | 162.0 (47.5) | 155.4 (45.5) | 148.4 (43.5) | 141.0 (41.3) | | | | | | | |
| | -20 (-28.9) | | 163.4 (47.9) | 156.8 (46) | 150.6 (44.1) | 144.6 (42.4) | 138.6 (40.6) | 132.4 (38.8) | 125.4 (36.8) | | | | | | | |
| | -25 (-31.7) | | 145.2 (42.6) | 139.2 (40.8) | 133.6 (39.2) | 128.2 (37.6) | 122.8 (36) | 117.0 (34.3) | 110.8 (32.5) | | | | | | | |
| | -30 (-34.4) | | 127.6 (37.4) | 122.4 (35.9) | 117.4 (34.4) | 112.6 (33) | 107.8 (31.6) | 102.4 (30) | 96.6 (28.3) | | | | | | | |
| | -35 (-37.2) | | 111.0 (32.5) | 106.2 (31.1) | 101.8 (29.8) | 97.4 (28.5) | 93.0 (27.3) | 88.0 (25.8) | 82.6 (24.2) | | | | | | | |
| -40 (-40) | | 94.4 (27.7) | 90.2 (26.4) | 86.2 (25.3) | 82.4 (24.1) | 78.2 (22.9) | 73.6 (21.6) | 68.4 (20) | | | | | | | | |
| KVD045L6-A Compressor Model 4DJNF76KE | 0 (-17.8) | | 299.0 (87.6) | 285.4 (83.6) | 272.6 (79.9) | 260.4 (76.3) | 248.6 (72.9) | 237.6 (69.6) | 227.2 (66.6) | | | | | | | |
| | -5 (-20.6) | | 271.0 (79.4) | 258.8 (75.8) | 247.2 (72.4) | 236.0 (69.2) | 225.2 (66) | 215.0 (63) | 205.4 (60.2) | | | | | | | |
| | -10 (-23.3) | | 244.6 (71.7) | 233.6 (68.5) | 223.0 (65.4) | 212.8 (62.4) | 203.0 (59.5) | 193.6 (56.7) | 184.6 (54.1) | | | | | | | |
| | -15 (-26.1) | | 219.8 (64.4) | 209.8 (61.5) | 200.2 (58.7) | 191.0 (56) | 182.0 (53.3) | 173.2 (50.8) | 164.6 (48.2) | | | | | | | |
| | -20 (-28.9) | | 196.2 (57.5) | 187.4 (54.9) | 178.6 (52.3) | 170.2 (49.9) | 161.8 (47.4) | 153.6 (45) | 145.4 (42.6) | | | | | | | |
| | -25 (-31.7) | | 173.8 (50.9) | 165.8 (48.6) | 158.0 (46.3) | 150.2 (44) | 142.6 (41.8) | 134.8 (39.5) | 127.0 (37.2) | | | | | | | |
| | -30 (-34.4) | | 152.4 (44.7) | 145.4 (42.6) | 138.4 (40.6) | 131.2 (38.5) | 123.8 (36.3) | 116.4 (34.1) | 108.8 (31.9) | | | | | | | |
| | -35 (-37.2) | | 132.2 (38.7) | 125.8 (36.9) | 119.4 (35) | 112.6 (33) | 105.6 (30.9) | 98.4 (28.8) | 91.0 (26.7) | | | | | | | |
| -40 (-40) | | 112.6 (33) | 107.0 (31.4) | 101.0 (29.6) | 94.6 (27.7) | 87.8 (25.7) | 80.8 (23.7) | 73.2 (21.5) | | | | | | | | |
| KVD055L6-A Compressor Model 6DHNFF93KE | 0 (-17.8) | | 374.0 (109.6) | 359.0 (105.2) | 344.4 (100.9) | 330.0 (96.7) | 315.6 (92.5) | 301.2 (88.3) | 287.0 (84.2) | | | | | | | |
| | -5 (-20.6) | | 338.4 (99.2) | 324.8 (95.2) | 311.6 (91.3) | 298.6 (87.5) | 285.6 (83.7) | 272.4 (79.8) | 258.8 (75.8) | | | | | | | |
| | -10 (-23.3) | | 304.0 (89.1) | 291.8 (85.5) | 280.0 (82.1) | 268.2 (78.6) | 256.2 (75.1) | 244.2 (71.6) | 231.6 (67.9) | | | | | | | |
| | -15 (-26.1) | | 271.2 (79.5) | 260.2 (76.3) | 249.6 (73.2) | 238.8 (70) | 228.0 (66.8) | 217.0 (63.6) | 205.4 (60.2) | | | | | | | |
| | -20 (-28.9) | | 240.2 (70.4) | 230.2 (67.5) | 220.6 (64.7) | 211.0 (61.8) | 201.0 (58.9) | 190.8 (55.9) | 180.2 (52.8) | | | | | | | |
| | -25 (-31.7) | | 211.0 (61.8) | 202.0 (59.2) | 193.4 (56.7) | 184.6 (54.1) | 175.4 (51.4) | 166.0 (48.6) | 156.0 (45.7) | | | | | | | |
| | -30 (-34.4) | | 184.0 (53.9) | 176.0 (51.6) | 168.0 (49.2) | 159.8 (46.8) | 151.4 (44.4) | 142.6 (41.8) | 133.0 (39) | | | | | | | |
| | -35 (-37.2) | | 159.4 (46.7) | 152.0 (44.5) | 144.6 (42.4) | 137.0 (40.2) | 129.2 (37.9) | 120.8 (35.4) | 111.6 (32.7) | | | | | | | |
| -40 (-40) | | 137.2 (40.2) | 130.4 (38.2) | 123.4 (36.2) | 116.4 (34.1) | 108.8 (31.9) | 100.6 (29.5) | 91.6 (26.8) | | | | | | | | |
| KVD061L6-A Compressor Model 6DJNF11ME | 0 (-17.8) | | 412.6 (120.9) | 394.4 (115.6) | 376.6 (110.4) | 359.2 (105.3) | 342.0 (100.2) | 325.2 (95.3) | 309.0 (90.2) | | | | | | | |
| | -5 (-20.6) | | 372.8 (109.3) | 356.6 (104.5) | 340.4 (99.8) | 324.6 (95.1) | 309.2 (90.6) | 294.0 (86.2) | 278.8 (81.9) | | | | | | | |
| | -10 (-23.3) | | 335.0 (98.2) | 320.4 (93.9) | 306.2 (89.7) | 291.8 (85.5) | 278.0 (81.5) | 264.2 (77.4) | 251.0 (73.6) | | | | | | | |
| | -15 (-26.1) | | 299.4 (87.7) | 286.4 (83.9) | 273.6 (80.2) | 260.8 (76.4) | 248.2 (72.7) | 235.8 (69.1) | 223.8 (65.6) | | | | | | | |
| | -20 (-28.9) | | 266.0 (78) | 254.4 (74.6) | 242.8 (71.2) | 231.4 (67.8) | 219.8 (64.4) | 208.6 (61.1) | 197.6 (57.9) | | | | | | | |
| | -25 (-31.7) | | 234.8 (68.8) | 224.4 (65.8) | 214.0 (62.7) | 203.6 (59.7) | 193.0 (56.6) | 182.8 (53.6) | 172.6 (50.6) | | | | | | | |
| | -30 (-34.4) | | 205.8 (60.3) | 196.6 (57.6) | 187.0 (54.8) | 177.4 (52) | 167.8 (49.2) | 158.2 (46.4) | 148.6 (43.6) | | | | | | | |
| | -35 (-37.2) | | 179.2 (52.5) | 170.6 (50) | 161.8 (47.4) | 152.8 (44.8) | 143.8 (42.1) | 134.8 (39.5) | 125.6 (36.8) | | | | | | | |
| -40 (-40) | | 154.6 (45.3) | 146.8 (43) | 138.4 (40.6) | 129.8 (38) | 121.2 (35.5) | 112.4 (32.9) | 103.6 (30.4) | | | | | | | | |
| KVD081L6-A Compressor Model 6DUNF13ME | 0 (-17.8) | | 518.0 (151.8) | 495.6 (145.2) | 473.8 (138.9) | 452.6 (132.6) | 432.4 (126.7) | 413.4 (121.2) | 395.0 (116.1) | | | | | | | |
| | -5 (-20.6) | | 467.8 (137.1) | 446.4 (130.8) | 425.6 (124.7) | 405.4 (118.8) | 386.0 (113.1) | 367.4 (107.7) | 349.0 (102.6) | | | | | | | |
| | -10 (-23.3) | | 422.6 (123.9) | 402.6 (118) | 383.0 (112.2) | 363.8 (106.6) | 345.2 (101.2) | 327.4 (96) | 310.4 (91) | | | | | | | |
| | -15 (-26.1) | | 381.4 (111.8) | 362.8 (106.3) | 344.4 (100.9) | 326.4 (95.7) | 308.8 (90.5) | 291.8 (85.5) | 275.8 (80.8) | | | | | | | |
| | -20 (-28.9) | | 343.0 (100.5) | 326.0 (95.5) | 309.0 (90.6) | 292.2 (85.6) | 275.8 (80.8) | 259.8 (76.1) | 244.6 (71.7) | | | | | | | |
| | -25 (-31.7) | | 306.4 (89.8) | 291.0 (85.3) | 275.6 (80.8) | 260.0 (76.2) | 244.8 (71.7) | 230.0 (67.4) | 215.6 (63.2) | | | | | | | |
| | -30 (-34.4) | | 270.2 (79.2) | 256.6 (75.2) | 242.8 (71.2) | 228.8 (67.1) | 214.8 (63) | 201.2 (59) | 187.8 (55) | | | | | | | |
| | -35 (-37.2) | | 233.4 (68.4) | 221.6 (64.9) | 209.4 (61.4) | 197.0 (57.7) | 184.4 (54) | 172.0 (50.4) | 159.8 (46.8) | | | | | | | |
| -40 (-40) | | 194.4 (57) | 184.6 (54.1) | 174.2 (51.1) | 163.4 (47.9) | 152.4 (44.7) | 141.4 (41.4) | 130.4 (38.2) | | | | | | | | |

--- Outside Operating Range

CAPACITY DATA - R404A R507

LOW TEMP. HIGH EFFICIENCY MODELS w/ 850RPM CONDENSER MOTOR(S)

| CONDENSING UNIT MODEL | SATURATED SUCTION TEMPERATURE ° F ° C | | CAPACITY MBH (KW) R404A R507 AMBIENT TEMPERATURE ° F (° C) | | | | | | | |
|--|--|--------------|--|--------------|--------------|--------------|--------------|--------------|-------------|-------------|
| | | | 85 (29.4) | 90 (32.2) | 95 (35) | 100 (37.8) | 105 (40.6) | 110 (43.3) | 115 (46.1) | |
| | | | KVS013D6-A Compressor Model 3DS3F46KE | 0 (-17.8) | 93.9 (27.5) | 89.3 (26.2) | 84.8 (24.9) | 80.2 (23.5) | 75.6 (22.2) | 71.1 (20.8) |
| -5 (-20.6) | 84.0 (24.6) | 79.9 (23.4) | | 75.7 (22.2) | 71.6 (21) | 67.5 (19.8) | 63.4 (18.6) | 59.2 (17.3) | | |
| -10 (-23.3) | 74.7 (21.9) | 71.0 (20.8) | | 67.3 (19.7) | 63.5 (18.6) | 59.8 (17.5) | 56.1 (16.4) | 52.4 (15.4) | | |
| -15 (-26.1) | 66.1 (19.4) | 62.7 (18.4) | | 59.4 (17.4) | 56.0 (16.4) | 52.7 (15.4) | 49.3 (14.4) | 46.0 (13.5) | | |
| -20 (-28.9) | 58.0 (17) | 55.0 (16.1) | | 52.0 (15.2) | 49.0 (14.4) | 46.0 (13.5) | 43.0 (12.6) | 40.0 (11.7) | | |
| -25 (-31.7) | 50.6 (14.8) | 47.9 (14) | | 45.2 (13.2) | 42.5 (12.5) | 39.8 (11.7) | 37.1 (10.9) | 34.5 (10.1) | | |
| -30 (-34.4) | 43.7 (12.8) | 41.3 (12.1) | | 38.9 (11.4) | 36.5 (10.7) | 34.1 (10) | 31.7 (9.3) | 29.3 (8.6) | | |
| -35 (-37.2) | 37.3 (10.9) | 35.2 (10.3) | | 33.0 (9.7) | 30.9 (9.1) | 28.7 (8.4) | 26.6 (7.8) | 24.5 (7.2) | | |
| -40 (-40) | 31.5 (9.2) | 29.6 (8.7) | | 27.6 (8.1) | 25.7 (7.5) | 23.8 (7) | 21.9 (6.4) | 20.0 (5.9) | | |
| KVS016D6-A Compressor Model 4DHNFF63KE | 0 (-17.8) | 134.7 (39.5) | 128.8 (37.7) | 122.8 (36) | 116.8 (34.2) | 110.8 (32.5) | 104.8 (30.7) | 98.9 (29) | | |
| | -5 (-20.6) | 120.8 (35.4) | 115.4 (33.8) | 110.0 (32.2) | 104.6 (30.7) | 99.1 (29) | 93.7 (27.5) | 88.4 (25.9) | | |
| | -10 (-23.3) | 107.8 (31.6) | 102.9 (30.2) | 98.0 (28.7) | 93.1 (27.3) | 88.3 (25.9) | 83.4 (24.4) | 78.6 (23) | | |
| | -15 (-26.1) | 95.6 (28) | 91.2 (26.7) | 86.9 (25.5) | 82.5 (24.2) | 78.1 (22.9) | 73.7 (21.6) | 69.4 (20.3) | | |
| | -20 (-28.9) | 84.3 (24.7) | 80.4 (23.6) | 76.4 (22.4) | 72.5 (21.2) | 68.6 (20.1) | 64.7 (19) | 60.8 (17.8) | | |
| | -25 (-31.7) | 73.7 (21.6) | 70.3 (20.6) | 66.8 (19.6) | 63.3 (18.6) | 59.8 (17.5) | 56.3 (16.5) | 52.9 (15.5) | | |
| | -30 (-34.4) | 64.0 (18.8) | 60.9 (17.8) | 57.8 (16.9) | 54.6 (16) | 51.5 (15.1) | 48.5 (14.2) | 45.4 (13.3) | | |
| | -35 (-37.2) | 54.9 (16.1) | 52.2 (15.3) | 49.4 (14.5) | 46.6 (13.7) | 43.9 (12.9) | 41.1 (12) | 38.4 (11.3) | | |
| | -40 (-40) | 46.6 (13.7) | 44.1 (12.9) | 41.7 (12.2) | 39.2 (11.5) | 36.7 (10.8) | 34.3 (10.1) | 31.9 (9.3) | | |
| KVS021D6-A Compressor Model 4DJNF76KE | 0 (-17.8) | 153.2 (44.9) | 146.4 (42.9) | 139.6 (40.9) | 132.9 (38.9) | 126.1 (37) | 119.3 (35) | 112.6 (33) | | |
| | -5 (-20.6) | 137.9 (40.4) | 131.8 (38.6) | 125.7 (36.8) | 119.6 (35.1) | 113.5 (33.3) | 107.4 (31.5) | 101.3 (29.7) | | |
| | -10 (-23.3) | 123.5 (36.2) | 118.1 (34.6) | 112.6 (33) | 107.1 (31.4) | 101.6 (29.8) | 96.1 (28.2) | 90.7 (26.6) | | |
| | -15 (-26.1) | 110.0 (32.2) | 105.2 (30.8) | 100.3 (29.4) | 95.3 (27.9) | 90.4 (26.5) | 85.6 (25.1) | 80.7 (23.7) | | |
| | -20 (-28.9) | 97.4 (28.5) | 93.1 (27.3) | 88.7 (26) | 84.4 (24.7) | 80.0 (23.4) | 75.6 (22.2) | 71.3 (20.9) | | |
| | -25 (-31.7) | 85.6 (25.1) | 81.8 (24) | 77.9 (22.8) | 74.1 (21.7) | 70.2 (20.6) | 66.4 (19.5) | 62.5 (18.3) | | |
| | -30 (-34.4) | 74.7 (21.9) | 71.3 (20.9) | 67.9 (19.9) | 64.5 (18.9) | 61.0 (17.9) | 57.7 (16.9) | 54.3 (15.9) | | |
| | -35 (-37.2) | 64.5 (18.9) | 61.5 (18) | 58.5 (17.1) | 55.5 (16.3) | 52.5 (15.4) | 49.5 (14.5) | 46.5 (13.6) | | |
| | -40 (-40) | 55.1 (16.1) | 52.5 (15.4) | 49.8 (14.6) | 47.1 (13.8) | 44.4 (13) | 41.8 (12.3) | 39.2 (11.5) | | |
| KVS026D6-A Compressor Model 6DHNFF93KE | 0 (-17.8) | 189.5 (55.5) | 180.9 (53) | 172.4 (50.5) | 163.9 (48) | 155.4 (45.5) | 146.9 (43.1) | 138.5 (40.6) | | |
| | -5 (-20.6) | 170.6 (50) | 162.8 (47.7) | 155.1 (45.5) | 147.4 (43.2) | 139.7 (40.9) | 131.9 (38.7) | 124.2 (36.4) | | |
| | -10 (-23.3) | 152.8 (44.8) | 145.8 (42.7) | 138.8 (40.7) | 131.8 (38.6) | 124.8 (36.6) | 117.8 (34.5) | 110.9 (32.5) | | |
| | -15 (-26.1) | 136.0 (39.9) | 129.7 (38) | 123.4 (36.2) | 117.1 (34.3) | 110.8 (32.5) | 104.5 (30.6) | 98.3 (28.8) | | |
| | -20 (-28.9) | 120.3 (35.3) | 114.7 (33.6) | 109.0 (31.9) | 103.4 (30.3) | 97.7 (28.6) | 92.1 (27) | 86.4 (25.3) | | |
| | -25 (-31.7) | 105.7 (31) | 100.6 (29.5) | 95.6 (28) | 90.5 (26.5) | 85.4 (25) | 80.4 (23.6) | 75.3 (22.1) | | |
| | -30 (-34.4) | 92.0 (27) | 87.5 (25.6) | 83.0 (24.3) | 78.4 (23) | 73.9 (21.7) | 69.4 (20.3) | 64.8 (19) | | |
| | -35 (-37.2) | 79.4 (23.3) | 75.3 (22.1) | 71.2 (20.9) | 67.2 (19.7) | 63.1 (18.5) | 59.1 (17.3) | 55.0 (16.1) | | |
| | -40 (-40) | 67.6 (19.8) | 63.9 (18.7) | 60.3 (17.7) | 56.6 (16.6) | 53.0 (15.5) | 49.4 (14.5) | 45.7 (13.4) | | |
| KVS031D6-A Compressor Model 6DJNF11ME | 0 (-17.8) | 216.2 (63.4) | 206.7 (60.6) | 197.2 (57.8) | 187.7 (55) | 178.2 (52.2) | 168.6 (49.4) | 158.9 (46.6) | | |
| | -5 (-20.6) | 195.9 (57.4) | 187.4 (54.9) | 178.8 (52.4) | 170.2 (49.9) | 161.6 (47.4) | 152.9 (44.8) | 144.2 (42.3) | | |
| | -10 (-23.3) | 176.7 (51.8) | 169.0 (49.5) | 161.3 (47.3) | 153.6 (45) | 145.8 (42.7) | 138.0 (40.4) | 130.1 (38.1) | | |
| | -15 (-26.1) | 158.4 (46.4) | 151.6 (44.4) | 144.7 (42.4) | 137.8 (40.4) | 130.8 (38.3) | 123.8 (36.3) | 116.7 (34.2) | | |
| | -20 (-28.9) | 141.2 (41.4) | 135.1 (39.6) | 129.0 (37.8) | 122.8 (36) | 116.6 (34.2) | 110.3 (32.3) | 103.9 (30.4) | | |
| | -25 (-31.7) | 125.1 (36.7) | 119.6 (35.1) | 114.2 (33.5) | 108.7 (31.9) | 103.1 (30.2) | 97.5 (28.6) | 91.8 (26.9) | | |
| | -30 (-34.4) | 109.9 (32.2) | 105.1 (30.8) | 100.2 (29.4) | 95.3 (27.9) | 90.4 (26.5) | 85.4 (25) | 80.3 (23.5) | | |
| | -35 (-37.2) | 95.8 (28.1) | 91.4 (26.8) | 87.1 (25.5) | 82.8 (24.3) | 78.3 (22.9) | 73.9 (21.7) | 69.3 (20.3) | | |
| | -40 (-40) | 82.6 (24.2) | 78.7 (23.1) | 74.8 (21.9) | 70.9 (20.8) | 66.9 (19.6) | 62.9 (18.4) | 58.8 (17.2) | | |

| CONDENSING UNIT MODEL | COMPRESSOR MODEL NO. | POWER SUPPLY | COMPRESSOR | | CONDENSER FAN MOTOR | | | UNIT | | |
|-----------------------|----------------------|----------------|--------------|-------|---------------------|-------|------|------|-------|-----|
| | | | RLA | LRA | QTY | WATTS | FLA | MCA | MOP | |
| KVS016H8- | HT3B -A | 3DS3R17ME-TFC | 208-230/3/60 | 59.6 | 275 | 2 | 3700 | 13.2 | 87.7 | 125 |
| | HT4B -A | 3DS3R17ME-TFD | 460/3/60 | 29.0 | 138 | 2 | 3700 | 6.2 | 42.5 | 70 |
| | HT5B -A | 3DS3R17ME-TFE | 575/3/60 | 23.6 | 110 | 2 | 3700 | 5.0 | 34.5 | 50 |
| KVS021H8- | HT3B -A | 4DANR18ME-TSK | 208-230/3/60 | 72.1 | 308 | 2 | 3700 | 13.2 | 103.3 | 175 |
| | HT4B -A | 4DANR18ME-TSK | 460/3/60 | 36.1 | 154 | 2 | 3700 | 6.2 | 51.3 | 80 |
| | HT5B -A | 4DANR18ME-TSE | 575/3/60 | 30.7 | 135 | 2 | 3700 | 5.0 | 43.4 | 70 |
| KVS023H8- | HT3B -A | 4DBNR20ME-TSK | 208-230/3/60 | 85.7 | 374 | 2 | 3700 | 13.2 | 120.3 | 200 |
| | HT4B -A | 4DBNR20ME-TSK | 460/3/60 | 42.9 | 187 | 2 | 3700 | 6.2 | 59.8 | 100 |
| | HT5B -A | 4DBNR20ME-TSE | 575/3/60 | 33.6 | 135 | 2 | 3700 | 5.0 | 47.0 | 80 |
| KVS026H8- | HT3B -A | 4DHNR22ME-TSK | 208-230/3/60 | 107.1 | 428 | 3 | 5550 | 19.8 | 153.7 | 250 |
| | HT4B -A | 4DHNR22ME-TSK | 460/3/60 | 53.6 | 214 | 3 | 5550 | 9.3 | 76.3 | 125 |
| | HT5B -A | 4DHNR22ME-TSE | 575/3/60 | 38.8 | 172 | 3 | 5550 | 7.5 | 56.0 | 90 |
| KVS031H8- | HT3B -A | 4DJNR28ME-TSK | 208-230/3/60 | 114.3 | 470 | 3 | 5550 | 19.8 | 162.7 | 250 |
| | HT4B -A | 4DJNR28ME-TSK | 460/3/60 | 57.1 | 235 | 3 | 5550 | 9.3 | 80.7 | 125 |
| | HT5B -A | 4DJNR28ME-TSE | 575/3/60 | 49.3 | 200 | 3 | 5550 | 7.5 | 69.1 | 110 |
| KVS036H8- | HT3B -A | 6DHNR35ME-TSK | 208-230/3/60 | 141.4 | 565 | 4 | 7400 | 26.4 | 203.2 | 300 |
| | HT4B -A | 6DHNR35ME-TSK | 460/3/60 | 70.7 | 283 | 4 | 7400 | 12.4 | 100.8 | 150 |
| | HT5B -A | 6DHNR35ME-TSE | 575/3/60 | 53.6 | 230 | 4 | 7400 | 10.0 | 77.0 | 125 |
| KVS041H8- | HD3B -A | 6DJNR40ME-TSN* | 230/3/60 | 158.6 | 594 | 4 | 7400 | 26.4 | 224.7 | 350 |
| | HT4B -A | 6DJNR40ME-TSN | 460/3/60 | 79.3 | 297 | 4 | 7400 | 12.4 | 111.5 | 175 |
| | HT5B -A | 6DJNR40ME-TSE | 575/3/60 | 65.0 | 245 | 4 | 7400 | 10.0 | 91.3 | 150 |
| KVS016M8- | HT3B -A | 3DS3R17ME-TFC | 208-230/3/60 | 59.6 | 275 | 2 | 3700 | 13.2 | 87.7 | 125 |
| | HT4B -A | 3DS3R17ME-TFD | 460/3/60 | 29.0 | 138 | 2 | 3700 | 6.2 | 42.5 | 70 |
| | HT5B -A | 3DS3R17ME-TFE | 575/3/60 | 23.6 | 110 | 2 | 3700 | 5.0 | 34.5 | 50 |
| KVS021M8- | HT3B -A | 4DANR18ME-TSK | 208-230/3/60 | 66.6 | 308 | 2 | 3700 | 13.2 | 96.5 | 150 |
| | HT4B -A | 4DANR18ME-TSK | 460/3/60 | 33.3 | 154 | 2 | 3700 | 6.2 | 47.8 | 80 |
| | HT5B -A | 4DANR18ME-TSE | 575/3/60 | 24.7 | 135 | 2 | 3700 | 5.0 | 35.9 | 60 |
| KVS023M8- | HT3B -A | 4DBNR20ME-TSK | 208-230/3/60 | 72.1 | 374 | 2 | 3700 | 13.2 | 103.3 | 175 |
| | HT4B -A | 4DBNR20ME-TSK | 460/3/60 | 36.1 | 187 | 2 | 3700 | 6.2 | 51.3 | 80 |
| | HT5B -A | 4DBNR20ME-TSE | 575/3/60 | 31.4 | 135 | 2 | 3700 | 5.0 | 44.3 | 70 |
| KVS026M8- | HT3B -A | 4DHNR22ME-TSK | 208-230/3/60 | 82.1 | 428 | 3 | 5550 | 19.8 | 122.4 | 200 |
| | HT4B -A | 4DHNR22ME-TSK | 460/3/60 | 41.1 | 214 | 3 | 5550 | 9.3 | 60.7 | 100 |
| | HT5B -A | 4DHNR22ME-TSE | 575/3/60 | 34.4 | 172 | 3 | 5550 | 7.5 | 50.5 | 80 |
| KVS031M8- | HT3B -A | 4DJNR28ME-TSK | 208-230/3/60 | 105.4 | 470 | 3 | 5550 | 19.8 | 151.6 | 250 |
| | HT4B -A | 4DJNR28ME-TSK | 460/3/60 | 52.7 | 235 | 3 | 5550 | 9.3 | 75.2 | 125 |
| | HT5B -A | 4DJNR28ME-TSE | 575/3/60 | 44.1 | 200 | 3 | 5550 | 7.5 | 62.6 | 100 |
| KVS036M8- | HT3B -A | 6DHNR35ME-TSK | 208-230/3/60 | 125.1 | 565 | 4 | 7400 | 26.4 | 182.8 | 300 |
| | HT4B -A | 6DHNR35ME-TSK | 460/3/60 | 62.6 | 283 | 4 | 7400 | 12.4 | 90.7 | 150 |
| | HT5B -A | 6DHNR35ME-TSE | 575/3/60 | 43.1 | 230 | 4 | 7400 | 10.0 | 63.9 | 100 |
| KVS041M8- | HD3B -A | 6DJNR40ME-TSN* | 230/3/60 | 142.9 | 594 | 4 | 7400 | 26.4 | 205.0 | 300 |
| | HT4B -A | 6DJNR40ME-TSN | 460/3/60 | 71.4 | 297 | 4 | 7400 | 12.4 | 101.7 | 150 |
| | HT5B -A | 6DJNR40ME-TSE | 575/3/60 | 52.1 | 245 | 4 | 7400 | 10.0 | 75.1 | 125 |
| KVS051M8- | HT4B -A | 6DUNR49ME-AWD | 460/3/60 | 83.6 | 482 | 4 | 7400 | 12.4 | 116.9 | 200 |
| | HT5B -A | 6DUNR49ME-TSE | 575/3/60 | 62.6 | 336 | 4 | 7400 | 10.0 | 88.3 | 150 |
| | HT3B -A | 3DS3F46KE-TFC | 208-230/3/60 | 41.4 | 215 | 1 | 1850 | 6.6 | 58.4 | 90 |
| KVS011L 6/8 - | HT4B -A | 3DS3F46KE-TFD | 460/3/60 | 18.6 | 106 | 1 | 1850 | 3.1 | 26.4 | 40 |
| | HT5B -A | 3DS3F46KE-TFE | 575/3/60 | 16.2 | 84 | 1 | 1850 | 2.5 | 22.8 | 35 |
| | HT3B -A | 4DHNFF63KE-TSK | 208-230/3/60 | 52.6 | 278 | 2 | 3700 | 13.2 | 79.0 | 125 |
| KVS016L 6/8 - | HT4B -A | 4DHNFF63KE-TSK | 460/3/60 | 26.3 | 139 | 2 | 3700 | 6.2 | 39.1 | 60 |
| | HT5B -A | 4DHNFF63KE-TSE | 575/3/60 | 20.9 | 113 | 2 | 3700 | 5.0 | 31.1 | 50 |
| | HT3B -A | 4DJNF76KE-TSK | 208-230/3/60 | 64.3 | 374 | 2 | 3700 | 13.2 | 93.6 | 150 |
| KVS023L 6/8 - | HT4B -A | 4DJNF76KE-TSK | 460/3/60 | 32.1 | 187 | 2 | 3700 | 6.2 | 46.3 | 70 |
| | HT5B -A | 4DJNF76KE-TSE | 575/3/60 | 29.1 | 135 | 2 | 3700 | 5.0 | 41.4 | 70 |
| | HT3B -A | 6DHNFF93KE-TSK | 208-230/3/60 | 80.7 | 450 | 2 | 3700 | 13.2 | 114.1 | 175 |
| KVS028L 6/8 - | HT4B -A | 6DHNFF93KE-TSK | 460/3/60 | 40.4 | 225 | 2 | 3700 | 6.2 | 56.7 | 90 |
| | HT5B -A | 6DHNFF93KE-TSE | 575/3/60 | 32.5 | 172 | 2 | 3700 | 5.0 | 45.6 | 70 |
| | HT3B -A | 6DJNF11ME-TSK | 208-230/3/60 | 95.6 | 470 | 2 | 3700 | 13.2 | 132.7 | 225 |
| KVS031L 6/8 - | HT4B -A | 6DJNF11ME-TSK | 460/3/60 | 47.8 | 235 | 2 | 3700 | 6.2 | 66.0 | 110 |
| | HT5B -A | 6DJNF11ME-TSE | 575/3/60 | 39.6 | 200 | 2 | 3700 | 5.0 | 54.5 | 90 |
| | HT4B -A | 6DUNF13ME-AWD | 460/3/60 | 63.9 | 367 | 3 | 5550 | 9.3 | 89.2 | 150 |
| KVS041L 6/8 - | HT5B -A | 6DUNF13ME-TSE | 575/3/60 | 53.5 | 336 | 3 | 5550 | 7.5 | 74.4 | 125 |
| | HT3B -A | 3DS3F46KE-TFC | 208-230/3/60 | 41.4 | 215 | 1 | 900 | 4.9 | 56.7 | 90 |
| | HT4B -A | 3DS3F46KE-TFD | 460/3/60 | 18.6 | 106 | 1 | 900 | 2.2 | 25.5 | 40 |
| KVS016D 6/8 - | HT5B -A | 3DS3F46KE-TFE | 575/3/60 | 16.2 | 84 | 1 | 900 | 2.1 | 22.4 | 35 |
| | HT3B -A | 4DHNFF63KE-TSK | 208-230/3/60 | 52.6 | 278 | 2 | 1800 | 9.8 | 75.6 | 125 |
| | HT4B -A | 4DHNFF63KE-TSK | 460/3/60 | 26.3 | 139 | 2 | 1800 | 4.4 | 37.3 | 60 |
| KVS023D 6/8 - | HT5B -A | 4DHNFF63KE-TSE | 575/3/60 | 20.9 | 113 | 2 | 1800 | 4.2 | 30.3 | 50 |
| | HT3B -A | 4DJNF76KE-TSK | 208-230/3/60 | 64.3 | 374 | 2 | 1800 | 9.8 | 90.2 | 150 |
| | HT4B -A | 4DJNF76KE-TSK | 460/3/60 | 32.1 | 187 | 2 | 1800 | 4.4 | 44.5 | 70 |
| KVS028D 6/8 - | HT5B -A | 4DJNF76KE-TSE | 575/3/60 | 29.1 | 135 | 2 | 1800 | 4.2 | 40.6 | 60 |
| | HT3B -A | 6DHNFF93KE-TSK | 208-230/3/60 | 80.7 | 450 | 2 | 1800 | 9.8 | 110.7 | 175 |
| | HT4B -A | 6DHNFF93KE-TSK | 460/3/60 | 40.4 | 225 | 2 | 1800 | 4.4 | 54.9 | 90 |
| KVS031D 6/8 - | HT5B -A | 6DHNFF93KE-TSE | 575/3/60 | 33.8 | 172 | 2 | 1800 | 4.2 | 46.5 | 80 |
| | HT3B -A | 6DJNF11ME-TSK | 208-230/3/60 | 95.7 | 470 | 2 | 1800 | 9.8 | 129.4 | 225 |
| | HT4B -A | 6DJNF11ME-TSK | 460/3/60 | 47.8 | 235 | 2 | 1800 | 4.4 | 64.2 | 110 |
| HT5B -A | 6DJNF11ME-TSE | 575/3/60 | 39.6 | 200 | 2 | 1800 | 4.2 | 53.7 | 90 | |

* 6DJ only available in 230V

| CONDENSING UNIT MODEL | COMPRESSOR MODEL NO. | POWER SUPPLY | COMPRESSOR | | CONDENSER FAN MOTOR | | | UNIT | | |
|-----------------------|----------------------|----------------|--------------|-------|---------------------|-------|-------|------|-------|-----|
| | | | RLA | LRA | QTY | WATTS | FLA | MCA | MOP | |
| KVD031H8- | HT3B -A | 3DS3R17ME-TFC | 208-230/3/60 | 59.6 | 275 | 4 | 7400 | 26.4 | 160.5 | 200 |
| | HT4B -A | 3DS3R17ME-TFD | 460/3/60 | 29.0 | 138 | 4 | 7400 | 12.4 | 77.7 | 100 |
| | HT5B -A | 3DS3R17ME-TFE | 575/3/60 | 23.6 | 110 | 4 | 7400 | 10.0 | 63.1 | 80 |
| KVD041H8- | HT3B -A | 4DANR18ME-TSK | 208-230/3/60 | 72.1 | 308 | 4 | 7400 | 26.4 | 188.6 | 250 |
| | HT4B -A | 4DANR18ME-TSK | 460/3/60 | 36.1 | 154 | 4 | 7400 | 12.4 | 93.6 | 125 |
| | HT5B -A | 4DANR18ME-TSE | 575/3/60 | 30.7 | 135 | 4 | 7400 | 10.0 | 79.1 | 100 |
| KVD045H8- | HT3B -A | 4DBNR20ME-TSK | 208-230/3/60 | 85.7 | 374 | 4 | 7400 | 26.4 | 219.2 | 300 |
| | HT4B -A | 4DBNR20ME-TSK | 460/3/60 | 42.9 | 187 | 4 | 7400 | 12.4 | 108.9 | 150 |
| | HT5B -A | 4DBNR20ME-TSE | 575/3/60 | 33.6 | 135 | 4 | 7400 | 10.0 | 85.6 | 110 |
| KVD051H8- | HT3B -A | 4DHNR22ME-TSK | 208-230/3/60 | 107.1 | 428 | 6 | 11100 | 39.6 | 280.6 | 350 |
| | HT4B -A | 4DHNR22ME-TSK | 460/3/60 | 53.6 | 214 | 6 | 11100 | 18.6 | 139.2 | 175 |
| | HT5B -A | 4DHNR22ME-TSE | 575/3/60 | 38.8 | 172 | 6 | 11100 | 15.0 | 102.3 | 125 |
| KVD061H8- | HT3B -A | 4DJNR28ME-TSK | 208-230/3/60 | 114.3 | 470 | 6 | 11100 | 39.6 | 296.8 | 400 |
| | HT4B -A | 4DJNR28ME-TSK | 460/3/60 | 57.1 | 235 | 6 | 11100 | 18.6 | 147.1 | 200 |
| | HT5B -A | 4DJNR28ME-TSE | 575/3/60 | 49.3 | 200 | 6 | 11100 | 15.0 | 125.9 | 175 |
| KVD071H8- | HT3B -A | 6DHNR35ME-TSK | 208-230/3/60 | 141.4 | 565 | 8 | 14800 | 52.8 | 371.0 | 500 |
| | HT4B -A | 6DHNR35ME-TSK | 460/3/60 | 70.7 | 283 | 8 | 14800 | 24.8 | 183.9 | 250 |
| | HT5B -A | 6DHNR35ME-TSE | 575/3/60 | 53.6 | 230 | 8 | 14800 | 20.0 | 140.6 | 175 |
| KVD081H8- | HD3B -A | 6DJNR40ME-TSN* | 230/3/60 | 158.6 | 594 | 8 | 14800 | 52.8 | 409.7 | 500 |
| | HT4B -A | 6DJNR40ME-TSN | 460/3/60 | 79.3 | 297 | 8 | 14800 | 24.8 | 203.2 | 250 |
| | HT5B -A | 6DJNR40ME-TSE | 575/3/60 | 65.0 | 245 | 8 | 14800 | 20.0 | 166.3 | 225 |
| KVD031M8- | HT3B -A | 3DS3R17ME-TFC | 208-230/3/60 | 59.6 | 275 | 4 | 7400 | 26.4 | 160.5 | 200 |
| | HT4B -A | 3DS3R17ME-TFD | 460/3/60 | 29.0 | 138 | 4 | 7400 | 12.4 | 77.7 | 100 |
| | HT5B -A | 3DS3R17ME-TFE | 575/3/60 | 23.6 | 110 | 4 | 7400 | 10.0 | 63.1 | 80 |
| KVD041M8- | HT3B -A | 4DANR18ME-TSK | 208-230/3/60 | 66.6 | 308 | 4 | 7400 | 26.4 | 176.3 | 225 |
| | HT4B -A | 4DANR18ME-TSK | 460/3/60 | 33.3 | 154 | 4 | 7400 | 12.4 | 87.3 | 110 |
| | HT5B -A | 4DANR18ME-TSE | 575/3/60 | 24.7 | 135 | 4 | 7400 | 10.0 | 65.6 | 90 |
| KVD045M8- | HT3B -A | 4DBNR20ME-TSK | 208-230/3/60 | 72.1 | 374 | 4 | 7400 | 26.4 | 188.6 | 250 |
| | HT4B -A | 4DBNR20ME-TSK | 460/3/60 | 36.1 | 187 | 4 | 7400 | 12.4 | 93.6 | 125 |
| | HT5B -A | 4DBNR20ME-TSE | 575/3/60 | 31.4 | 135 | 4 | 7400 | 10.0 | 80.7 | 110 |
| KVD051M8- | HT3B -A | 4DHNR22ME-TSK | 208-230/3/60 | 82.1 | 428 | 6 | 11100 | 39.6 | 224.3 | 300 |
| | HT4B -A | 4DHNR22ME-TSK | 460/3/60 | 41.1 | 214 | 6 | 11100 | 18.6 | 111.1 | 150 |
| | HT5B -A | 4DHNR22ME-TSE | 575/3/60 | 34.4 | 172 | 6 | 11100 | 15.0 | 92.4 | 125 |
| KVD061M8- | HT3B -A | 4DJNR28ME-TSK | 208-230/3/60 | 105.4 | 470 | 6 | 11100 | 39.6 | 276.8 | 350 |
| | HT4B -A | 4DJNR28ME-TSK | 460/3/60 | 52.7 | 235 | 6 | 11100 | 18.6 | 137.2 | 175 |
| | HT5B -A | 4DJNR28ME-TSE | 575/3/60 | 44.1 | 200 | 6 | 11100 | 15.0 | 114.2 | 150 |
| KVD071M8- | HT3B -A | 6DHNR35ME-TSK | 208-230/3/60 | 125.1 | 565 | 8 | 14800 | 52.8 | 334.3 | 450 |
| | HT4B -A | 6DHNR35ME-TSK | 460/3/60 | 62.6 | 283 | 8 | 14800 | 24.8 | 165.7 | 225 |
| | HT5B -A | 6DHNR35ME-TSE | 575/3/60 | 43.1 | 230 | 8 | 14800 | 20.0 | 117.0 | 150 |
| KVD081M8- | HD3B -A | 6DJNR40ME-TSN* | 230/3/60 | 142.9 | 594 | 8 | 14800 | 52.8 | 374.3 | 500 |
| | HT4B -A | 6DJNR40ME-TSN | 460/3/60 | 71.4 | 297 | 8 | 14800 | 24.8 | 185.5 | 250 |
| | HT5B -A | 6DJNR40ME-TSE | 575/3/60 | 52.1 | 245 | 8 | 14800 | 20.0 | 137.2 | 175 |
| KVD101M8- | HT4B -A | 6DUNR49ME-AWD | 460/3/60 | 83.6 | 482 | 8 | 14800 | 24.8 | 212.9 | 250 |
| | HT4B -A | 6DUNR49ME-TSE | 575/3/60 | 62.6 | 336 | 8 | 14800 | 20.0 | 160.9 | 200 |
| | HT3B -A | 3DS3F46KE-TFC | 208-230/3/60 | 41.4 | 215 | 2 | 3700 | 13.2 | 106.4 | 125 |
| KVD021L 6/8 - | HT4B -A | 3DS3F46KE-TFD | 460/3/60 | 18.6 | 106 | 2 | 3700 | 6.2 | 48.1 | 60 |
| | HT5B -A | 3DS3F46KE-TFE | 575/3/60 | 16.2 | 84 | 2 | 3700 | 5.0 | 41.5 | 50 |
| | HT3B -A | 4DHNF63KE-TSK | 208-230/3/60 | 52.6 | 278 | 4 | 7400 | 26.4 | 144.8 | 175 |
| KVD031L 6/8- | HT4B -A | 4DHNF63KE-TSK | 460/3/60 | 26.3 | 139 | 4 | 7400 | 12.4 | 71.6 | 90 |
| | HT5B -A | 4DHNF63KE-TSE | 575/3/60 | 20.9 | 113 | 4 | 7400 | 10.0 | 57.0 | 70 |
| | HT3B -A | 4DJNF76KE-TSK | 208-230/3/60 | 64.3 | 374 | 4 | 7400 | 26.4 | 171.1 | 225 |
| KVD045L 6/8- | HT4B -A | 4DJNF76KE-TSK | 460/3/60 | 32.1 | 187 | 4 | 7400 | 12.4 | 84.6 | 110 |
| | HT5B -A | 4DJNF76KE-TSE | 575/3/60 | 29.1 | 135 | 4 | 7400 | 10.0 | 75.5 | 100 |
| | HT3B -A | 6DHNF93KE-TSK | 208-230/3/60 | 80.7 | 450 | 4 | 7400 | 26.4 | 208.0 | 250 |
| KVD055L 6/8 - | HT4B -A | 6DHNF93KE-TSK | 460/3/60 | 40.4 | 225 | 4 | 7400 | 12.4 | 103.3 | 125 |
| | HT5B -A | 6DHNF93KE-TSE | 575/3/60 | 32.5 | 172 | 4 | 7400 | 10.0 | 83.1 | 110 |
| | HT3B -A | 6DJNF11ME-TSK | 208-230/3/60 | 95.6 | 470 | 4 | 7400 | 26.4 | 241.5 | 300 |
| KVD061L 6/8 - | HT4B -A | 6DJNF11ME-TSK | 460/3/60 | 47.8 | 235 | 4 | 7400 | 12.4 | 120.0 | 150 |
| | HT5B -A | 6DJNF11ME-TSE | 575/3/60 | 39.6 | 200 | 4 | 7400 | 10.0 | 99.1 | 125 |
| | HT4B -A | 6DUNF13ME-AWD | 460/3/60 | 63.9 | 367 | 6 | 11100 | 18.6 | 162.4 | 225 |
| KVD081L 6/8 - | HT5B -A | 6DUNF13ME-TSE | 575/3/60 | 53.5 | 336 | 6 | 11100 | 15.0 | 135.4 | 175 |
| | HT3B -A | 3DS3F46KE-TFC | 208-230/3/60 | 41.4 | 215 | 2 | 1800 | 9.8 | 103.0 | 125 |
| | HT4B -A | 3DS3F46KE-TFD | 460/3/60 | 18.6 | 106 | 2 | 1800 | 4.4 | 46.3 | 60 |
| KVS021D 6/8 - | HT5B -A | 3DS3F46KE-TFE | 575/3/60 | 16.2 | 84 | 2 | 1800 | 4.2 | 40.7 | 50 |
| | HT3B -A | 4DHNF63KE-TSK | 208-230/3/60 | 52.6 | 278 | 4 | 3600 | 19.6 | 138.0 | 175 |
| | HT4B -A | 4DHNF63KE-TSK | 460/3/60 | 26.3 | 139 | 4 | 3600 | 8.8 | 68.0 | 90 |
| KVS031D 6/8 - | HT5B -A | 4DHNF63KE-TSE | 575/3/60 | 20.9 | 113 | 4 | 3600 | 8.4 | 55.4 | 70 |
| | HT3B -A | 4DJNF76KE-TSK | 208-230/3/60 | 64.3 | 374 | 4 | 3600 | 19.6 | 164.3 | 225 |
| | HT4B -A | 4DJNF76KE-TSK | 460/3/60 | 32.1 | 187 | 4 | 3600 | 8.8 | 81.0 | 110 |
| KVS045D 6/8 - | HT5B -A | 4DJNF76KE-TSE | 575/3/60 | 29.1 | 135 | 4 | 3600 | 8.4 | 73.9 | 100 |
| | HT3B -A | 6DHNF93KE-TSK | 208-230/3/60 | 80.7 | 450 | 4 | 3600 | 19.6 | 201.2 | 250 |
| | HT4B -A | 6DHNF93KE-TSK | 460/3/60 | 40.4 | 225 | 4 | 3600 | 8.8 | 99.7 | 125 |
| KVS055D 6/8 - | HT5B -A | 6DHNF93KE-TSE | 575/3/60 | 33.8 | 172 | 4 | 3600 | 8.4 | 84.5 | 110 |
| | HT3B -A | 6DJNF11ME-TSK | 208-230/3/60 | 95.7 | 470 | 4 | 3600 | 19.6 | 234.9 | 300 |
| | HT4B -A | 6DJNF11ME-TSK | 460/3/60 | 47.8 | 235 | 4 | 3600 | 8.8 | 116.4 | 150 |
| KVS061D 6/8 - | HT5B -A | 6DJNF11ME-TSE | 575/3/60 | 39.6 | 200 | 4 | 3600 | 8.4 | 97.5 | 125 |

* 6DJ only available in 230V

ELECTRICAL DATA - SINGLE COMPRESSOR
HIGH EFFICIENCY MODELS
with EC Motors only or **LIMITROL** 

| CONDENSING UNIT MODEL | COMPRESSOR MODEL NO. | POWER SUPPLY | COMPRESSOR | | CONDENSER FAN MTR. ** | | | UNIT | | |
|-----------------------|----------------------|----------------|---------------|--------------|-----------------------|-------|------|------|-------|------|
| | | | RLA | LRA | QTY | WATTS | FLA | MCA | MOP | |
| KVS016H8- | HT3B -A | 3DS3R17ME-TFC | 208-230/3/60 | 59.6 | 275 | 2 | 3700 | 13.2 | 87.7 | 125 |
| | HT4B -A | 3DS3R17ME-TFD | 460/3/60 | 29.0 | 138 | 2 | 3700 | 6.2 | 42.5 | 70 |
| | HT5B -A | 3DS3R17ME-TFE | 575/3/60 | 23.6 | 110 | 2 | 3700 | 5.0 | 34.5 | 50 |
| KVS021H8- | HT3B -A | 4DANR18ME-TSK | 208-230/3/60 | 72.1 | 308 | 2 | 3500 | 12.4 | 102.5 | 150 |
| | HT4B -A | 4DANR18ME-TSK | 460/3/60 | 36.1 | 154 | 2 | 3500 | 6.2 | 51.3 | 80 |
| | HT5B -A | 4DANR18ME-TSE | 575/3/60 | 30.7 | 135 | 2 | 3500 | 5.0 | 43.4 | 70 |
| KVS023H8- | HT3B -A | 4DBNR20ME-TSK | 208-230/3/60 | 85.7 | 374 | 2 | 3700 | 13.2 | 120.3 | 200 |
| | HT4B -A | 4DBNR20ME-TSK | 460/3/60 | 42.9 | 187 | 2 | 3700 | 6.2 | 59.8 | 100 |
| | HT5B -A | 4DBNR20ME-TSE | 575/3/60 | 33.6 | 135 | 2 | 3700 | 5.0 | 47.0 | 80 |
| KVS026H8- | HT3B -A | 4DHNR22ME-TSK | 208-230/3/60 | 107.1 | 428 | 3 | 5550 | 19.8 | 153.7 | 250 |
| | HT4B -A | 4DHNR22ME-TSK | 460/3/60 | 53.6 | 214 | 3 | 5550 | 9.3 | 76.3 | 125 |
| | HT5B -A | 4DHNR22ME-TSE | 575/3/60 | 38.8 | 172 | 3 | 5550 | 7.5 | 56.0 | 90 |
| KVS031H8- | HT3B -A | 4DJNR28ME-TSK | 208-230/3/60 | 114.3 | 470 | 3 | 5550 | 19.8 | 162.7 | 250 |
| | HT4B -A | 4DJNR28ME-TSK | 460/3/60 | 57.1 | 235 | 3 | 5550 | 9.3 | 80.7 | 125 |
| | HT5B -A | 4DJNR28ME-TSE | 575/3/60 | 49.3 | 200 | 3 | 5550 | 7.5 | 69.1 | 110 |
| KVS036H8- | HT3B -A | 6DHNR35ME-TSK | 208-230/3/60 | 141.4 | 565 | 4 | 7400 | 26.4 | 203.2 | 300 |
| | HT4B -A | 6DHNR35ME-TSK | 460/3/60 | 70.7 | 283 | 4 | 7400 | 12.4 | 100.8 | 150 |
| | HT5B -A | 6DHNR35ME-TSE | 575/3/60 | 53.6 | 230 | 4 | 7400 | 10.0 | 77.0 | 125 |
| KVS041H8- | HD3B -A | 6DJNR40ME-TSN* | 230/3/60 | 158.6 | 594 | 4 | 7400 | 26.4 | 224.7 | 350 |
| | HT4B -A | 6DJNR40ME-TSN | 460/3/60 | 79.3 | 297 | 4 | 7400 | 12.4 | 111.5 | 175 |
| | HT5B -A | 6DJNR40ME-TSE | 575/3/60 | 65.0 | 245 | 4 | 7400 | 10.0 | 91.3 | 150 |
| KVS016M8- | HT3B -A | 3DS3R17ME-TFC | 208-230/3/60 | 59.6 | 275 | 2 | 3500 | 12.4 | 86.9 | 125 |
| | HT4B -A | 3DS3R17ME-TFD | 460/3/60 | 29.0 | 138 | 2 | 3500 | 6.2 | 42.5 | 70 |
| | HT5B -A | 3DS3R17ME-TFE | 575/3/60 | 23.6 | 110 | 2 | 3500 | 5.0 | 34.5 | 50 |
| KVS021M8- | HT3B -A | 4DANR18ME-TSK | 208-230/3/60 | 66.6 | 308 | 2 | 3500 | 12.4 | 95.7 | 150 |
| | HT4B -A | 4DANR18ME-TSK | 460/3/60 | 33.3 | 154 | 2 | 3500 | 6.2 | 47.8 | 80 |
| | HT5B -A | 4DANR18ME-TSE | 575/3/60 | 24.7 | 135 | 2 | 3500 | 5.0 | 35.9 | 60 |
| KVS023M8- | HT3B -A | 4DBNR20ME-TSK | 208-230/3/60 | 72.1 | 374 | 2 | 3500 | 12.4 | 102.5 | 150 |
| | HT4B -A | 4DBNR20ME-TSK | 460/3/60 | 36.1 | 187 | 2 | 3500 | 6.2 | 51.3 | 80 |
| | HT5B -A | 4DBNR20ME-TSE | 575/3/60 | 31.4 | 135 | 2 | 3500 | 5.0 | 44.3 | 70 |
| KVS026M8- | HT3B -A | 4DHNR22ME-TSK | 208-230/3/60 | 82.1 | 428 | 3 | 5250 | 18.6 | 121.2 | 200 |
| | HT4B -A | 4DHNR22ME-TSK | 460/3/60 | 41.1 | 214 | 3 | 5250 | 9.3 | 60.7 | 100 |
| | HT5B -A | 4DHNR22ME-TSE | 575/3/60 | 34.4 | 172 | 3 | 5250 | 7.5 | 50.5 | 80 |
| KVS031M8- | HT3B -A | 4DJNR28ME-TSK | 208-230/3/60 | 105.4 | 470 | 3 | 5250 | 18.6 | 150.4 | 250 |
| | HT4B -A | 4DJNR28ME-TSK | 460/3/60 | 52.7 | 235 | 3 | 5250 | 9.3 | 75.2 | 125 |
| | HT5B -A | 4DJNR28ME-TSE | 575/3/60 | 44.1 | 200 | 3 | 5250 | 7.5 | 62.6 | 100 |
| KVS036M8- | HT3B -A | 6DHNR35ME-TSK | 208-230/3/60 | 125.1 | 565 | 4 | 7000 | 24.8 | 181.2 | 300 |
| | HT4B -A | 6DHNR35ME-TSK | 460/3/60 | 62.6 | 283 | 4 | 7000 | 12.4 | 90.7 | 150 |
| | HT5B -A | 6DHNR35ME-TSE | 575/3/60 | 43.1 | 230 | 4 | 7000 | 10.0 | 63.9 | 100 |
| KVS041M8- | HD3B -A | 6DJNR40ME-TSN* | 230/3/60 | 142.9 | 594 | 4 | 7000 | 24.8 | 203.4 | 300 |
| | HT4B -A | 6DJNR40ME-TSN | 460/3/60 | 71.4 | 297 | 4 | 7000 | 12.4 | 101.7 | 150 |
| | HT5B -A | 6DJNR40ME-TSE | 575/3/60 | 52.1 | 245 | 4 | 7000 | 10.0 | 75.1 | 125 |
| KVS051M8- | HT4B -A | 6DUNR49ME-AWD | 460/3/60 | 83.6 | 482 | 4 | 7000 | 12.4 | 116.9 | 200 |
| | HT5B -A | 6DUNR49ME-TSE | 575/3/60 | 62.6 | 336 | 4 | 7000 | 10.0 | 88.3 | 150 |
| | KVS011L 6/8 - | HT3B -A | 3DS3F46KE-TFC | 208-230/3/60 | 41.4 | 215 | 1 | 1850 | 6.6 | 58.4 |
| HT4B -A | | 3DS3F46KE-TFD | 460/3/60 | 18.6 | 106 | 1 | 1850 | 3.1 | 26.4 | 40 |
| HT5B -A | | 3DS3F46KE-TFE | 575/3/60 | 16.2 | 84 | 1 | 1850 | 2.5 | 22.8 | 35 |
| KVS016L 6/8 - | HT3B -A | 4DHNF63KE-TSK | 208-230/3/60 | 52.6 | 278 | 2 | 3700 | 13.2 | 79.0 | 125 |
| | HT4B -A | 4DHNF63KE-TSK | 460/3/60 | 26.3 | 139 | 2 | 3700 | 6.2 | 39.1 | 60 |
| | HT5B -A | 4DHNF63KE-TSE | 575/3/60 | 20.9 | 113 | 2 | 3700 | 5.0 | 31.1 | 50 |
| KVS023L 6/8 - | HT3B -A | 4DJNF76KE-TSK | 208-230/3/60 | 64.3 | 374 | 2 | 3700 | 13.2 | 93.6 | 150 |
| | HT4B -A | 4DJNF76KE-TSK | 460/3/60 | 32.1 | 187 | 2 | 3700 | 6.2 | 46.3 | 70 |
| | HT5B -A | 4DJNF76KE-TSE | 575/3/60 | 29.1 | 135 | 2 | 3700 | 5.0 | 41.4 | 70 |
| KVS028L 6/8 - | HT3B -A | 6DHNF93KE-TSK | 208-230/3/60 | 80.7 | 450 | 2 | 3700 | 13.2 | 114.1 | 175 |
| | HT4B -A | 6DHNF93KE-TSK | 460/3/60 | 40.4 | 225 | 2 | 3700 | 6.2 | 56.7 | 90 |
| | HT5B -A | 6DHNF93KE-TSE | 575/3/60 | 32.5 | 172 | 2 | 3700 | 5.0 | 45.6 | 70 |
| KVS031L 6/8 - | HT3B -A | 6DJNF11ME-TSK | 208-230/3/60 | 95.6 | 470 | 2 | 3700 | 13.2 | 132.7 | 225 |
| | HT4B -A | 6DJNF11ME-TSK | 460/3/60 | 47.8 | 235 | 2 | 3700 | 6.2 | 66.0 | 110 |
| | HT5B -A | 6DJNF11ME-TSE | 575/3/60 | 39.6 | 200 | 2 | 3700 | 5.0 | 54.5 | 90 |
| KVS041L 6/8 - | HT4B -A | 6DUNF13ME-AWD | 460/3/60 | 63.9 | 367 | 3 | 5550 | 9.3 | 89.2 | 150 |
| | HT5B -A | 6DUNF13ME-TSE | 575/3/60 | 53.5 | 336 | 3 | 5250 | 7.5 | 74.4 | 125 |

* 6DJ only available in 230V

** = 575V units use a 230V motor with a transformer

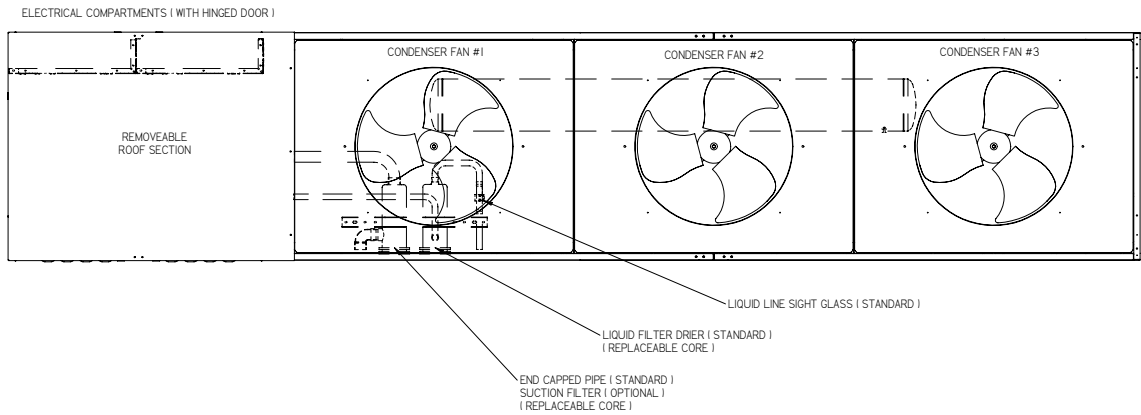
ELECTRICAL DATA - DUAL COMPRESSOR
HIGH EFFICIENCY MODELS
with EC Motors only or LIMITROL 

| CONDENSING UNIT MODEL | COMPRESSOR MODEL NO. | POWER SUPPLY | COMPRESSOR | | CONDENSER FAN MTR. ** | | | UNIT | | |
|-----------------------|----------------------|----------------|--------------|-------|-----------------------|-------|-------|------|-------|-----|
| | | | RLA | LRA | QTY | WATTS | FLA | MCA | MOP | |
| KVD031H8- | HT3B -A | 3DS3R17ME-TFC | 208-230/3/60 | 59.6 | 275 | 4 | 7400 | 26.4 | 160.5 | 200 |
| | HT4B -A | 3DS3R17ME-TFD | 460/3/60 | 29.0 | 138 | 4 | 7400 | 12.4 | 77.7 | 100 |
| | HT5B -A | 3DS3R17ME-TFE | 575/3/60 | 23.6 | 110 | 4 | 7400 | 10.0 | 63.1 | 80 |
| KVD041H8- | HT3B -A | 4DANR18ME-TSK | 208-230/3/60 | 72.1 | 308 | 4 | 7000 | 24.8 | 187.0 | 250 |
| | HT4B -A | 4DANR18ME-TSK | 460/3/60 | 36.1 | 154 | 4 | 7000 | 12.4 | 93.6 | 125 |
| | HT5B -A | 4DANR18ME-TSE | 575/3/60 | 30.7 | 135 | 4 | 7000 | 10.0 | 79.1 | 100 |
| KVD045H8- | HT3B -A | 4DBNR20ME-TSK | 208-230/3/60 | 85.7 | 374 | 4 | 7400 | 26.4 | 219.2 | 300 |
| | HT4B -A | 4DBNR20ME-TSK | 460/3/60 | 42.9 | 187 | 4 | 7400 | 12.4 | 108.9 | 150 |
| | HT5B -A | 4DBNR20ME-TSE | 575/3/60 | 33.6 | 135 | 4 | 7400 | 10.0 | 85.6 | 110 |
| KVD051H8- | HT3B -A | 4DHNR22ME-TSK | 208-230/3/60 | 107.1 | 428 | 6 | 11100 | 39.6 | 280.6 | 350 |
| | HT4B -A | 4DHNR22ME-TSK | 460/3/60 | 53.6 | 214 | 6 | 11100 | 18.6 | 139.2 | 175 |
| | HT5B -A | 4DHNR22ME-TSE | 575/3/60 | 38.8 | 172 | 6 | 11100 | 15.0 | 102.3 | 125 |
| KVD061H8- | HT3B -A | 4DJNR28ME-TSK | 208-230/3/60 | 114.3 | 470 | 6 | 11100 | 39.6 | 296.8 | 400 |
| | HT4B -A | 4DJNR28ME-TSK | 460/3/60 | 57.1 | 235 | 6 | 11100 | 18.6 | 147.1 | 200 |
| | HT5B -A | 4DJNR28ME-TSE | 575/3/60 | 49.3 | 200 | 6 | 11100 | 15.0 | 125.9 | 175 |
| KVD071H8- | HT3B -A | 6DHNR35ME-TSK | 208-230/3/60 | 141.4 | 565 | 8 | 14800 | 52.8 | 371.0 | 500 |
| | HT4B -A | 6DHNR35ME-TSK | 460/3/60 | 70.7 | 283 | 8 | 14800 | 24.8 | 183.9 | 250 |
| | HT5B -A | 6DHNR35ME-TSE | 575/3/60 | 53.6 | 230 | 8 | 14800 | 20.0 | 140.6 | 175 |
| KVD081H8- | HD3B -A | 6DJNR40ME-TSN* | 230/3/60 | 158.6 | 594 | 8 | 14800 | 52.8 | 409.7 | 500 |
| | HT4B -A | 6DJNR40ME-TSN | 460/3/60 | 79.3 | 297 | 8 | 14800 | 24.8 | 203.2 | 250 |
| | HT5B -A | 6DJNR40ME-TSE | 575/3/60 | 65.0 | 245 | 8 | 14800 | 20.0 | 166.3 | 225 |
| KVD031M8- | HT3B -A | 3DS3R17ME-TFC | 208-230/3/60 | 59.6 | 275 | 4 | 7000 | 24.8 | 158.9 | 200 |
| | HT4B -A | 3DS3R17ME-TFD | 460/3/60 | 29.0 | 138 | 4 | 7000 | 12.4 | 77.7 | 100 |
| | HT5B -A | 3DS3R17ME-TFE | 575/3/60 | 23.6 | 110 | 4 | 7000 | 10.0 | 63.1 | 80 |
| KVD041M8- | HT3B -A | 4DANR18ME-TSK | 208-230/3/60 | 66.6 | 308 | 4 | 7000 | 24.8 | 174.7 | 225 |
| | HT4B -A | 4DANR18ME-TSK | 460/3/60 | 33.3 | 154 | 4 | 7000 | 12.4 | 87.3 | 110 |
| | HT5B -A | 4DANR18ME-TSE | 575/3/60 | 24.7 | 135 | 4 | 7000 | 10.0 | 65.6 | 90 |
| KVD045M8- | HT3B -A | 4DBNR20ME-TSK | 208-230/3/60 | 72.1 | 374 | 4 | 7000 | 24.8 | 187.0 | 250 |
| | HT4B -A | 4DBNR20ME-TSK | 460/3/60 | 36.1 | 187 | 4 | 7000 | 12.4 | 93.6 | 125 |
| | HT5B -A | 4DBNR20ME-TSE | 575/3/60 | 31.4 | 135 | 4 | 7000 | 10.0 | 80.7 | 110 |
| KVD051M8- | HT3B -A | 4DHNR22ME-TSK | 208-230/3/60 | 82.1 | 428 | 6 | 10500 | 37.2 | 221.9 | 300 |
| | HT4B -A | 4DHNR22ME-TSK | 460/3/60 | 41.1 | 214 | 6 | 10500 | 18.6 | 111.1 | 150 |
| | HT5B -A | 4DHNR22ME-TSE | 575/3/60 | 34.4 | 172 | 6 | 10500 | 15.0 | 92.4 | 125 |
| KVD061M8- | HT3B -A | 4DJNR28ME-TSK | 208-230/3/60 | 105.4 | 470 | 6 | 10500 | 37.2 | 274.4 | 350 |
| | HT4B -A | 4DJNR28ME-TSK | 460/3/60 | 52.7 | 235 | 6 | 10500 | 18.6 | 137.2 | 175 |
| | HT5B -A | 4DJNR28ME-TSE | 575/3/60 | 44.1 | 200 | 6 | 10500 | 15.0 | 114.2 | 150 |
| KVD071M8- | HT3B -A | 6DHNR35ME-TSK | 208-230/3/60 | 125.1 | 565 | 8 | 14000 | 49.6 | 331.1 | 450 |
| | HT4B -A | 6DHNR35ME-TSK | 460/3/60 | 62.6 | 283 | 8 | 14000 | 24.8 | 165.7 | 225 |
| | HT5B -A | 6DHNR35ME-TSE | 575/3/60 | 43.1 | 230 | 8 | 14000 | 20.0 | 117.0 | 150 |
| KVD081M8- | HD3B -A | 6DJNR40ME-TSN* | 230/3/60 | 142.9 | 594 | 8 | 14000 | 49.6 | 371.1 | 500 |
| | HT4B -A | 6DJNR40ME-TSN | 460/3/60 | 71.4 | 297 | 8 | 14000 | 24.8 | 185.5 | 250 |
| | HT5B -A | 6DJNR40ME-TSE | 575/3/60 | 52.1 | 245 | 8 | 14000 | 20.0 | 137.2 | 175 |
| KVD101M8- | HT4B -A | 6DUNR49ME-AWD | 460/3/60 | 83.6 | 482 | 8 | 14000 | 24.8 | 212.9 | 250 |
| | HT5B -A | 6DUNR49ME-TSE | 575/3/60 | 62.6 | 336 | 8 | 14000 | 20.0 | 160.9 | 200 |
| KVD021L 6/8 - | HT3B -A | 3DS3F46KE-TFC | 208-230/3/60 | 41.4 | 215 | 2 | 3700 | 13.2 | 106.4 | 125 |
| | HT4B -A | 3DS3F46KE-TFD | 460/3/60 | 18.6 | 106 | 2 | 3700 | 6.2 | 48.1 | 60 |
| | HT5B -A | 3DS3F46KE-TFE | 575/3/60 | 16.2 | 84 | 2 | 3700 | 5.0 | 41.5 | 50 |
| KVD031L 6/8- | HT3B -A | 4DHNF63KE-TSK | 208-230/3/60 | 52.6 | 278 | 4 | 7400 | 26.4 | 144.8 | 175 |
| | HT4B -A | 4DHNF63KE-TSK | 460/3/60 | 26.3 | 139 | 4 | 7400 | 12.4 | 71.6 | 90 |
| | HT5B -A | 4DHNF63KE-TSE | 575/3/60 | 20.9 | 113 | 4 | 7400 | 10.0 | 57.0 | 70 |
| KVD045L 6/8- | HT3B -A | 4DJNF76KE-TSK | 208-230/3/60 | 64.3 | 374 | 4 | 7400 | 26.4 | 171.1 | 225 |
| | HT4B -A | 4DJNF76KE-TSK | 460/3/60 | 32.1 | 187 | 4 | 7400 | 12.4 | 84.6 | 110 |
| | HT5B -A | 4DJNF76KE-TSE | 575/3/60 | 29.1 | 135 | 4 | 7400 | 10.0 | 75.5 | 100 |
| KVD055L 6/8 - | HT3B -A | 6DHNF93KE-TSK | 208-230/3/60 | 80.7 | 450 | 4 | 7400 | 26.4 | 208.0 | 250 |
| | HT4B -A | 6DHNF93KE-TSK | 460/3/60 | 40.4 | 225 | 4 | 7400 | 12.4 | 103.3 | 125 |
| | HT5B -A | 6DHNF93KE-TSE | 575/3/60 | 32.5 | 172 | 4 | 7400 | 10.0 | 83.1 | 110 |
| KVD061L 6/8 - | HT3B -A | 6DJNF11ME-TSK | 208-230/3/60 | 95.6 | 470 | 4 | 7400 | 26.4 | 241.5 | 300 |
| | HT4B -A | 6DJNF11ME-TSK | 460/3/60 | 47.8 | 235 | 4 | 7400 | 12.4 | 120.0 | 150 |
| | HT5B -A | 6DJNF11ME-TSE | 575/3/60 | 39.6 | 200 | 4 | 7400 | 10.0 | 99.1 | 125 |
| KVD081L 6/8 - | HT4B -A | 6DUNF13ME-AWD | 460/3/60 | 63.9 | 367 | 6 | 11100 | 18.6 | 162.4 | 225 |
| | HT5B -A | 6DUNF13ME-TSE | 575/3/60 | 53.5 | 336 | 6 | 10500 | 15.0 | 135.4 | 175 |

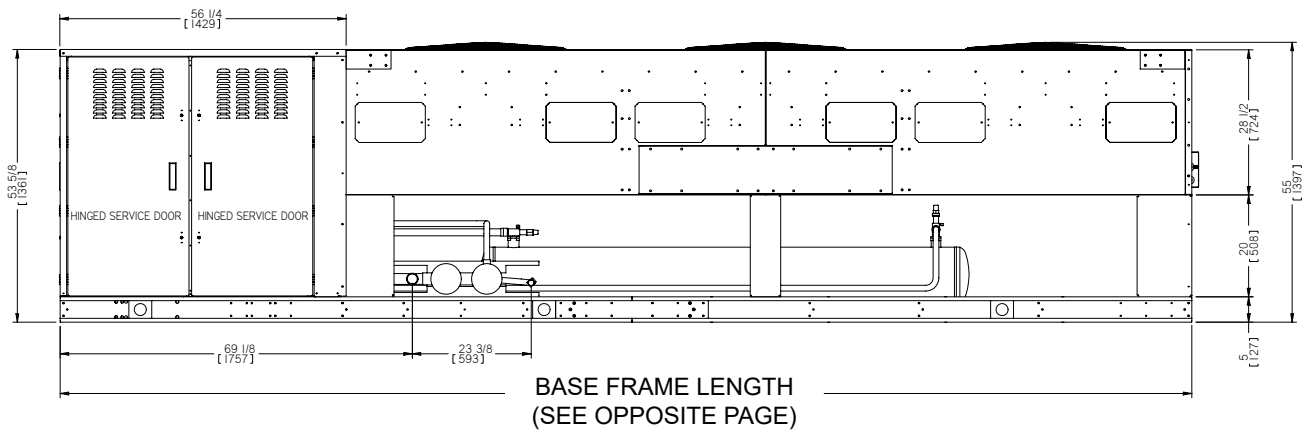
* 6DJ only available in 230V

** = 575V units use a 230V motor with a transformer

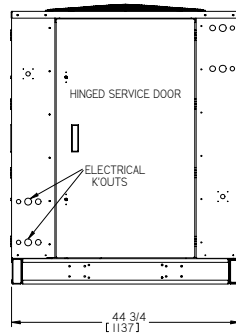
TOP VIEW



SIDE VIEW



COMPRESSOR-END VIEW

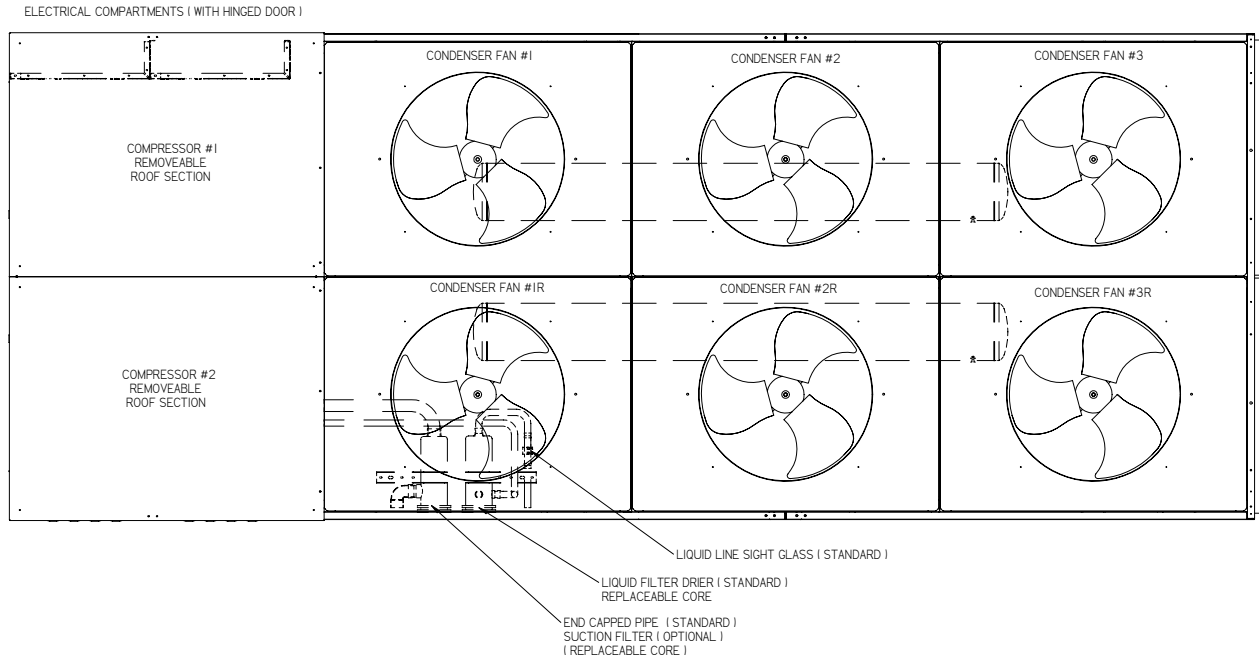


**KVS-A
COPELAND**

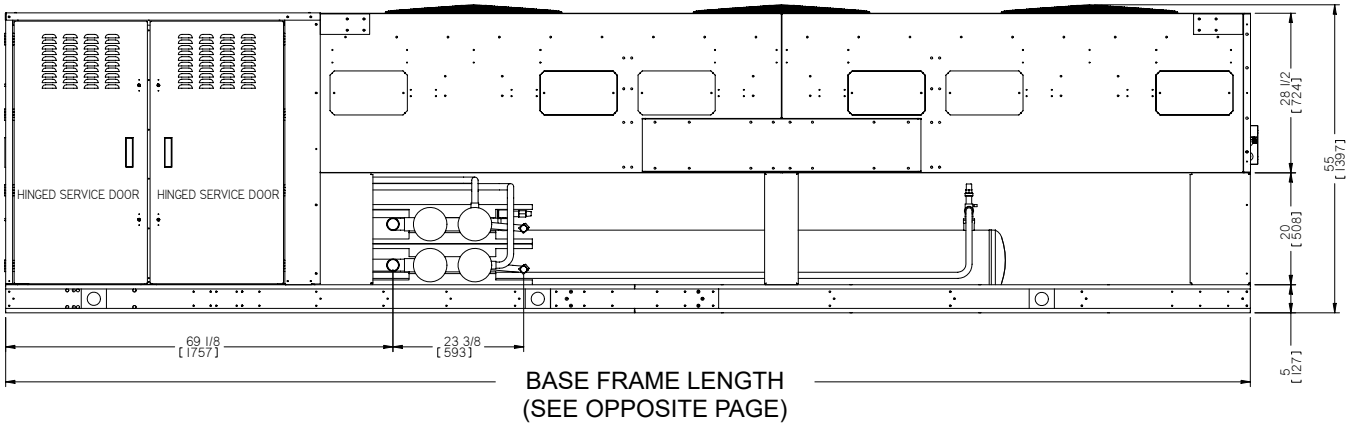
HIGH EFFICIENCY MODELS

| CONDENSING UNIT MODEL | BASE FRAME LENGTH | |
|-----------------------|-------------------|------|
| | inches | mm |
| KVS016H8-H**B-A | 167 3/8 | 4251 |
| KVS021H8-H**B-A | 167 3/8 | 4251 |
| KVS023H8-H**B-A | 167 3/8 | 4251 |
| KVS026H8-H**B-A | 222 3/8 | 5648 |
| KVS031H8-H**B-A | 222 3/8 | 5648 |
| KVS036H8-H**B-A | 277 3/8 | 7045 |
| KVS041H8-H**B-A | 277 3/8 | 7045 |
| KVS016M8-H**B-A | 167 3/8 | 4251 |
| KVS021M8-H**B-A | 167 3/8 | 4251 |
| KVS023M8-H**B-A | 167 3/8 | 4251 |
| KVS026M8-H**B-A | 222 3/8 | 5648 |
| KVS031M8-H**B-A | 222 3/8 | 5648 |
| KVS036M8-H**B-A | 277 3/8 | 7045 |
| KVS041M8-H**B-A | 277 3/8 | 7045 |
| KVS051M8-H**B-A | 277 3/8 | 7045 |
| KVS011L 6/8 -H**B-A | 112 3/8 | 2854 |
| KVS016L 6/8 -H**B-A | 167 3/8 | 4251 |
| KVS023L 6/8 -H**B-A | 167 3/8 | 4251 |
| KVS028L 6/8 -H**B-A | 167 3/8 | 4251 |
| KVS031L 6/8 -H**B-A | 167 3/8 | 4251 |
| KVS041L 6/8 -H**B-A | 222 3/8 | 5648 |
| KVD011D 6/8 -H**B-A | 112 3/8 | 2854 |
| KVD016D 6/8 -H**B-A | 167 3/8 | 4251 |
| KVD023D 6/8 -H**B-A | 167 3/8 | 4251 |
| KVD028D 6/8 -H**B-A | 167 3/8 | 4251 |
| KVD031D8-H**B-A | 167 3/8 | 4251 |

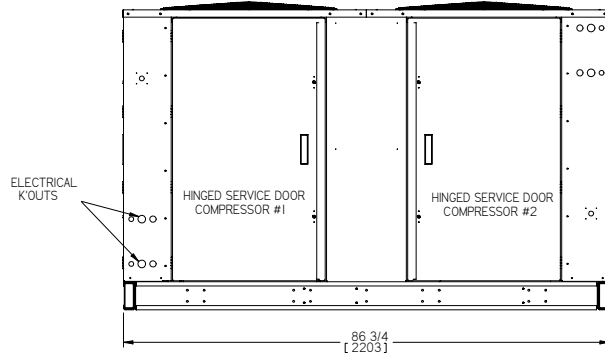
TOP VIEW



SIDE VIEW



COMPRESSOR-END VIEW



**KVD-A
COPELAND**

HIGH EFFICIENCY MODELS

| CONDENSING UNIT MODEL | BASE FRAME LENGTH | |
|-----------------------|-------------------|------|
| | inches | mm |
| KVD031H8-H**B-A | 167 3/8 | 4251 |
| KVD041H8-H**B-A | 167 3/8 | 4251 |
| KVD045H8-H**B-A | 167 3/8 | 4251 |
| KVD051H8-H**B-A | 222 3/8 | 5648 |
| KVD061H8-H**B-A | 222 3/8 | 5648 |
| KVD071H8-H**B-A | 277 3/8 | 7045 |
| KVD081H8-H**B-A | 277 3/8 | 7045 |
| KVD031M8-H**B-A | 167 3/8 | 4251 |
| KVD041M8-H**B-A | 167 3/8 | 4251 |
| KVD045M8-H**B-A | 167 3/8 | 4251 |
| KVD051M8-H**B-A | 222 3/8 | 5648 |
| KVD061M8-H**B-A | 222 3/8 | 5648 |
| KVD071M8-H**B-A | 277 3/8 | 7045 |
| KVD081M8-H**B-A | 277 3/8 | 7045 |
| KVD101M8-H**B-A | 277 3/8 | 7045 |
| KVD021L 6/8 -H**B-A | 112 3/8 | 2854 |
| KVD031L 6/8 -H**B-A | 167 3/8 | 4251 |
| KVD045L 6/8 -H**B-A | 167 3/8 | 4251 |
| KVD055L 6/8 -H**B-A | 167 3/8 | 4251 |
| KVD061L 6/8 -H**B-A | 167 3/8 | 4251 |
| KVD081L 6/8 -H**B-A | 222 3/8 | 5648 |
| KVD021D 6/8 -H**B-A | 112 3/8 | 2854 |
| KVD031D 6/8 -H**B-A | 167 3/8 | 4251 |
| KVD045D 6/8 -H**B-A | 167 3/8 | 4251 |
| KVD055D 6/8 -H**B-A | 167 3/8 | 4251 |
| KVD061D8-H**B-A | 167 3/8 | 4251 |

**SPECIFICATIONS - SINGLE COMPRESSOR
HIGH EFFICIENCY MODELS**

| CONDENSING UNIT MODEL | CONDENSER FANS | UNIT CONNECTIONS | | | | R404A RECEIVER CAPACITY 90% FULL * | | APPROX. SHIPPING WEIGHT | |
|-----------------------|----------------|------------------|----|-------------|----|------------------------------------|-------|-------------------------|------|
| | | SUCTION (OD) | | LIQUID (OD) | | Lbs. | Kgs | Lbs. | Kgs |
| | | Inches | mm | Inches | mm | | | | |
| KVS016H8-H**B-A | 2 | 1 5/8 | 41 | 7/8 | 22 | 124 | 56.3 | 2260 | 1027 |
| KVS021H8-H**B-A | 2 | 1 5/8 | 41 | 7/8 | 22 | 124 | 56.3 | 2340 | 1075 |
| KVS023H8-H**B-A | 2 | 2 1/8 | 54 | 1 1/8 | 29 | 157 | 71.2 | 2500 | 1136 |
| KVS026H8-H**B-A | 3 | 2 1/8 | 54 | 1 1/8 | 29 | 157 | 71.2 | 2870 | 1304 |
| KVS031H8-H**B-A | 3 | 2 1/8 | 54 | 1 1/8 | 29 | 189 | 85.8 | 3020 | 1373 |
| KVS036H8-H**B-A | 4 | 2 1/8 | 54 | 1 1/8 | 29 | 254 | 115.3 | 3660 | 1663 |
| KVS041H8-H**B-A | 4 | 2 1/8 | 54 | 1 3/8 | 35 | 254 | 115.3 | 3820 | 1736 |
| KVS016M8-H**B-A | 2 | 1 5/8 | 41 | 7/8 | 22 | 124 | 56.3 | 2265 | 1029 |
| KVS021M8-H**B-A | 2 | 1 5/8 | 41 | 7/8 | 22 | 124 | 56.3 | 2345 | 1077 |
| KVS023M8-H**B-A | 2 | 2 1/8 | 54 | 1 1/8 | 29 | 157 | 71.2 | 2505 | 1138 |
| KVS026M8-H**B-A | 3 | 2 1/8 | 54 | 1 1/8 | 29 | 157 | 71.2 | 2875 | 1307 |
| KVS031M8-H**B-A | 3 | 2 1/8 | 54 | 1 1/8 | 29 | 189 | 85.8 | 3030 | 1377 |
| KVS036M8-H**B-A | 4 | 2 1/8 | 54 | 1 1/8 | 29 | 254 | 115.3 | 3660 | 1663 |
| KVS041M8-H**B-A | 4 | 2 1/8 | 54 | 1 1/8 | 29 | 254 | 115.3 | 3815 | 1734 |
| KVS051M8-H**B-A | 4 | 2 1/8 | 54 | 1 1/8 | 29 | 254 | 115.3 | 3835 | 1743 |
| KVS011L 6/8 -H**B-A | 1 | 1 3/8 | 35 | 5/8 | 16 | 124 | 56.3 | 1785 | 811 |
| KVS016L 6/8 -H**B-A | 2 | 1 5/8 | 41 | 7/8 | 22 | 124 | 56.3 | 2335 | 1061 |
| KVS023L 6/8 -H**B-A | 2 | 2 1/8 | 54 | 7/8 | 22 | 124 | 56.3 | 2385 | 1084 |
| KVS028L 6/8 -H**B-A | 2 | 2 1/8 | 54 | 1 1/8 | 29 | 157 | 71.2 | 2610 | 1186 |
| KVS031L 6/8 -H**B-A | 2 | 2 1/8 | 54 | 1 1/8 | 29 | 157 | 71.2 | 2625 | 1193 |
| KVS041L 6/8 -H**B-A | 3 | 2 1/8 | 54 | 1 1/8 | 29 | 189 | 85.8 | 3045 | 1384 |
| KVS011D 6/8 -H**B-A | 1 | 1 3/8 | 35 | 5/8 | 16 | 124 | 56.3 | 1785 | 811 |
| KVS016D 6/8 -H**B-A | 2 | 1 5/8 | 41 | 7/8 | 22 | 124 | 56.3 | 2335 | 1061 |
| KVS023D 6/8 -H**B-A | 2 | 2 1/8 | 54 | 7/8 | 22 | 124 | 56.3 | 2385 | 1084 |
| KVS028D 6/8 -H**B-A | 2 | 2 1/8 | 54 | 1 1/8 | 29 | 157 | 71.2 | 2610 | 1186 |
| KVS031D8-H**B-A | 2 | 2 1/8 | 54 | 1 1/8 | 29 | 157 | 71.2 | 2625 | 1193 |

**SPECIFICATIONS - DUAL COMPRESSOR
HIGH EFFICIENCY MODELS**

| CONDENSING UNIT MODEL | CONDENSER FANS | UNIT CONNECTIONS | | | | R404A RECEIVER CAPACITY 90% FULL * | | APPROX. SHIPPING WEIGHT | |
|-----------------------|----------------|------------------|----|-------------|----|------------------------------------|-------|-------------------------|------|
| | | SUCTION (OD) | | LIQUID (OD) | | Lbs. | Kgs | Lbs. | Kgs |
| | | Inches | mm | Inches | mm | | | | |
| KVD031H8-H**B-A | 2 | 1 5/8 | 41 | 7/8 | 22 | 124 | 56.3 | 4065 | 1847 |
| KVD041H8-H**B-A | 2 | 1 5/8 | 41 | 7/8 | 22 | 124 | 56.3 | 4220 | 1941 |
| KVD045H8-H**B-A | 2 | 2 1/8 | 54 | 1 1/8 | 29 | 157 | 71.2 | 4445 | 2020 |
| KVD051H8-H**B-A | 3 | 2 1/8 | 54 | 1 1/8 | 29 | 157 | 71.2 | 5185 | 2357 |
| KVD061H8-H**B-A | 3 | 2 1/8 | 54 | 1 1/8 | 29 | 189 | 85.8 | 5475 | 2488 |
| KVD071H8-H**B-A | 4 | 2 1/8 | 54 | 1 1/8 | 29 | 254 | 115.3 | 6615 | 3006 |
| KVD081H8-H**B-A | 4 | 2 1/8 | 54 | 1 3/8 | 35 | 254 | 115.3 | 6920 | 3145 |
| KVD031M8-H**B-A | 2 | 1 5/8 | 41 | 7/8 | 22 | 124 | 56.3 | 4075 | 1852 |
| KVD041M8-H**B-A | 2 | 1 5/8 | 41 | 7/8 | 22 | 124 | 56.3 | 4230 | 1943 |
| KVD045M8-H**B-A | 2 | 2 1/8 | 54 | 1 1/8 | 29 | 157 | 71.2 | 4550 | 2068 |
| KVD051M8-H**B-A | 3 | 2 1/8 | 54 | 1 1/8 | 29 | 157 | 71.2 | 5195 | 2361 |
| KVD061M8-H**B-A | 3 | 2 1/8 | 54 | 1 1/8 | 29 | 189 | 85.8 | 5490 | 2495 |
| KVD071M8-H**B-A | 4 | 2 1/8 | 54 | 1 1/8 | 29 | 254 | 115.3 | 6620 | 3009 |
| KVD081M8-H**B-A | 4 | 2 1/8 | 54 | 1 1/8 | 29 | 254 | 115.3 | 6915 | 3143 |
| KVD101M8-H**B-A | 4 | 2 1/8 | 54 | 1 1/8 | 29 | 254 | 115.3 | 6960 | 3163 |
| KVD021L 6/8 -H**B-A | 1 | 1 3/8 | 35 | 5/8 | 16 | 124 | 56.3 | 3195 | 1452 |
| KVD031L 6/8 -H**B-A | 2 | 1 5/8 | 41 | 7/8 | 22 | 124 | 56.3 | 4220 | 1918 |
| KVD045L 6/8 -H**B-A | 2 | 2 1/8 | 54 | 7/8 | 22 | 124 | 56.3 | 4315 | 1961 |
| KVD055L 6/8 -H**B-A | 2 | 2 1/8 | 54 | 1 1/8 | 29 | 157 | 71.2 | 4760 | 2163 |
| KVD061L 6/8 -H**B-A | 2 | 2 1/8 | 54 | 1 1/8 | 29 | 157 | 71.2 | 4795 | 2179 |
| KVD081L 6/8 -H**B-A | 3 | 2 1/8 | 54 | 1 1/8 | 29 | 189 | 85.8 | 5535 | 2516 |
| KVS021D 6/8 -H**B-A | 1 | 1 3/8 | 35 | 5/8 | 16 | 124 | 56.3 | 3195 | 1452 |
| KVS031D 6/8 -H**B-A | 2 | 1 5/8 | 41 | 7/8 | 22 | 124 | 56.3 | 4220 | 1918 |
| KVS045D 6/8 -H**B-A | 2 | 2 1/8 | 54 | 7/8 | 22 | 124 | 56.3 | 4315 | 1961 |
| KVS055D 6/8 -H**B-A | 2 | 2 1/8 | 54 | 1 1/8 | 29 | 157 | 71.2 | 4760 | 2163 |
| KVS061D8-H**B-A | 2 | 2 1/8 | 54 | 1 1/8 | 29 | 157 | 71.2 | 4795 | 2179 |

* NOTE ON ALTERNATE REFRIGERANTS: PUBLISHED RECEIVER CAPACITY IS BASED ON **R404A** ON MODELS USING "8" AS REFRIGERANT CODE. FOR ALTERNATE REFRIGERANTS, MULTIPLY **R404A** VALUE BY THE APPROPRIATE VALUE AT RIGHT:

| | | | | |
|--------------|--------------|------------------------------|-------------|------------|
| R407A | R407C | R448A R449A | R507 | R22 |
| 1.10 | 1.10 | 1.05 | 1.00 | 1.15 |

ANNUAL WALK-IN ENERGY FACTOR (AWEF) RATINGS - HIGH EFFICIENCY COPELAND MODELS

Annual Walk-In Energy Factor Ratings - High/Medium Temperature

If a numerical value is listed in the tables below, the following statement applies to that corresponding model:
"This refrigeration system is designed and certified for use in walk-in cooler applications."

| Base Unit Model | Outdoor Models | | | | | |
|-----------------|----------------|------|-------|-------|-------|-------|
| | R404A | R507 | R407A | R448A | R449A | R407C |
| KVS016H8-A | 7.6 | | 7.6 | 7.6 | | - |
| KVS021H8-A | 7.6 | | 7.6 | 7.6 | | 7.6 |
| KVS023H8-A | 7.6 | | 7.6 | 7.6 | | 7.6 |
| KVS026H8-A | 7.6 | | 7.6 | 7.6 | | 7.6 |
| KVS031H8-A | 7.6 | | 7.6 | 7.6 | | 7.6 |
| KVS036H8-A | 7.6 | | 7.6 | 7.6 | | - |
| KVS041H8-A | 7.6 | | 7.6 | 7.6 | | 7.6 |
| KVD031H8-A | 7.6 | | 7.6 | 7.6 | | - |
| KVD041H8-A | 7.6 | | 7.6 | 7.6 | | 7.6 |
| KVD045H8-A | 7.6 | | 7.6 | 7.6 | | 7.6 |
| KVD051H8-A | 7.6 | | 7.6 | 7.6 | | 7.6 |
| KVD061H8-A | 7.6 | | 7.6 | 7.6 | | 7.6 |
| KVD071H8-A | 7.6 | | 7.6 | 7.6 | | - |
| KVD081H8-A | 7.6 | | 7.6 | 7.6 | | 7.6 |
| KVS016M8-A | 7.6 | | 7.6 | 7.6 | | - |
| KVS021M8-A | 7.6 | | 7.6 | 7.6 | | 7.6 |
| KVS023M8-A | 7.6 | | 7.6 | 7.6 | | 7.6 |
| KVS026M8-A | 7.6 | | 7.6 | 7.6 | | 7.6 |
| KVS031M8-A | 7.6 | | 7.6 | 7.6 | | 7.6 |
| KVS036M8-A | 7.6 | | 7.6 | 7.6 | | - |
| KVS041M8-A | 7.6 | | 7.6 | 7.6 | | 7.6 |
| KVS051M8-A | 7.6 | | 7.6 | 7.6 | | 7.6 |
| KVD031M8-A | 7.6 | | 7.6 | 7.6 | | - |
| KVD041M8-A | 7.6 | | 7.6 | 7.6 | | 7.6 |
| KVD045M8-A | 7.6 | | 7.6 | 7.6 | | 7.6 |
| KVD051M8-A | 7.6 | | 7.6 | 7.6 | | 7.6 |
| KVD061M8-A | 7.6 | | 7.6 | 7.6 | | 7.6 |
| KVD071M8-A | 7.6 | | 7.6 | 7.6 | | - |
| KVD081M8-A | 7.6 | | 7.6 | 7.6 | | 7.6 |
| KVD101M8-A | 7.6 | | 7.6 | 7.6 | | 7.6 |
| KVS011L 6/8 -A | - | | - | - | | - |
| KVS016L 6/8 -A | - | | - | - | | - |
| KVS023L 6/8 -A | - | | - | - | | - |
| KVS028L 6/8 -A | - | | - | - | | - |
| KVS031L 6/8 -A | - | | - | - | | - |
| KVS041L 6/8 -A | - | | - | - | | - |
| KVD021L 6/8 -A | - | | - | - | | - |
| KVD031L 6/8 -A | - | | - | - | | - |
| KVD045L 6/8 -A | - | | - | - | | - |
| KVD055L 6/8 -A | - | | - | - | | - |
| KVD061L 6/8 -A | - | | - | - | | - |
| KVD081L 6/8 -A | - | | - | - | | - |
| KVS011D 6/8 -A | 3.15 | | 3.15 | 3.15 | | - |
| KVS016D 6/8 -A | 3.15 | | 3.15 | 3.15 | | - |
| KVS023D 6/8 -A | 3.15 | | 3.15 | 3.15 | | - |
| KVS028D 6/8 -A | 3.15 | | 3.15 | 3.15 | | - |
| KVS031D 6/8 -A | - | | 3.15 | 3.15 | | - |
| KVS041D 6/8 -A | - | | - | - | | - |
| KVD021D 6/8 -A | 3.15 | | 3.15 | 3.15 | | - |
| KVD031D 6/8 -A | 3.15 | | 3.15 | 3.15 | | - |
| KVD045D 6/8 -A | 3.15 | | 3.15 | 3.15 | | - |
| KVD055D 6/8 -A | 3.15 | | 3.15 | 3.15 | | - |
| KVD061D 6/8 -A | - | | 3.15 | 3.15 | | - |
| KVD081D 6/8 -A | - | | - | - | | - |

— = Non-compliant model

**FOR WIRING DIAGRAMS
FOR HIGH EFFICIENCY MODELS,
REFER TO PAGES 43-48**

| | |
|-------------------|--------------------|
| System | |
| Model Number | Date of Start-Up |
| Serial Number | Service Contractor |
| Refrigerant | Phone |
| Electrical Supply | E-mail |

PRODUCT SUPPORT RESOURCES

| | |
|--|---|
|  <p>PRODUCT SUPPORT</p> | <p><i>web:</i> www.k-rp.com/kv <i>email:</i> mdcu-lgcu@k-rp.com <i>call:</i> 1-844-893-3222 x522</p> |
|  <p>TROUBLESHOOTING</p> | <p><i>email:</i> troubleshooting@k-rp.com <i>call:</i> 1-844-893-3222 x529</p> |
|  <p>SERVICE PARTS</p> | <p><i>web:</i> www.k-rp.com/parts <i>email:</i> parts@k-rp.com <i>call:</i> 1-844-893-3222 x504</p> |
|  <p>WARRANTY</p> | <p><i>web:</i> www.k-rp.com/warranty <i>email:</i> warranty@k-rp.com <i>call:</i> 1-844-893-3222 x507</p> |
|  <p>ORDERS</p> | <p><i>email:</i> orders@k-rp.com <i>call:</i> 1-844-893-3222 x501</p> |
|  <p>SHIPPING</p> | <p><i>email:</i> shipping@k-rp.com <i>call:</i> 1-844-893-3222 x503</p> |



KeepRite Refrigeration
Brantford, ON • Longview, TX
1-800-463-9517 info@k-rp.com www.k-rp.com

