



# KV-Line Bitzer Compressor Models Condensing Units

## PRODUCT DATA & SPECIFICATIONS

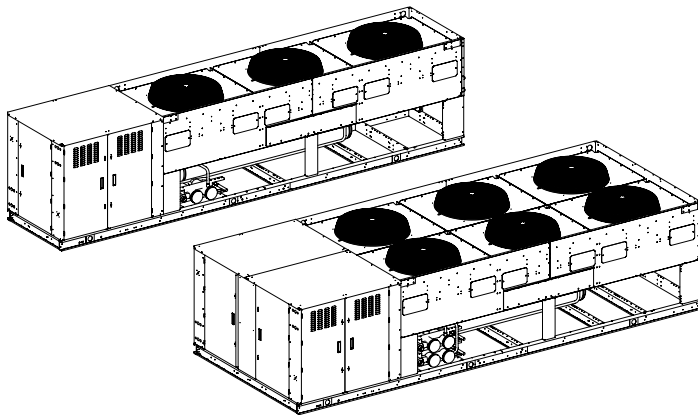
Bulletin K40-KV-B-PDS-25  
Part # 1073950-B

## Outdoor Air-Cooled Condensing Units

60  
Hz

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

<p><b>PRODUCT SUPPORT</b> web: <a href="http://www.k-rp.com/kv">www.k-rp.com/kv</a> email: <a href="mailto:mdcu-igcu@k-rp.com">mdcu-igcu@k-rp.com</a> call: 1-844-893-3222 x522</p>	<p>scan:</p>
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**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 BITZER COMPRESSORS.  
FOR UNITS WITH COPELAND COMPRESSORS, PLEASE SEE BULLETIN K40-KV-A-PDS-24**

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# NOMENCLATURE

**KVS 040 M 8 - H T4 B - B - 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**

B = Bitzer Semi-Hermetic  
 T = Bitzer 2 Stage Semi-Hermetic  
*For COPELAND models, please see:  
 Bulletin K40-KV-A-PDS-24*

**Series Generation**

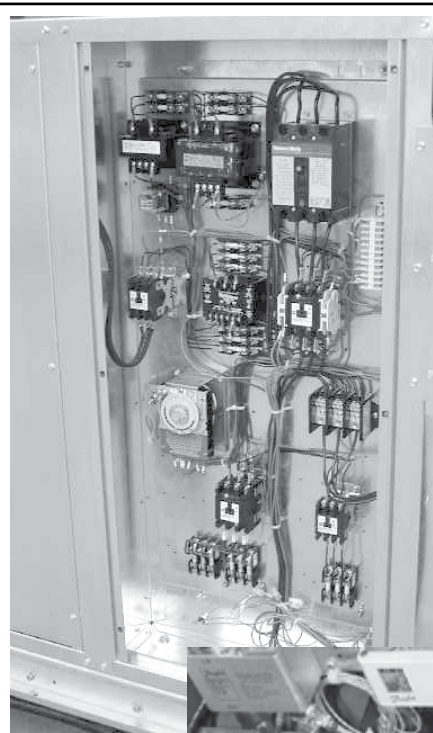
B = 2nd Generation  
 X = Special Custom Model  
 (Deviates from catalog)

**Electrical Designation**

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

\* Subject to compressor availability

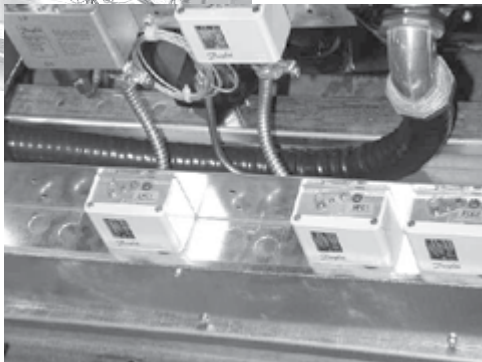
## FEATURES



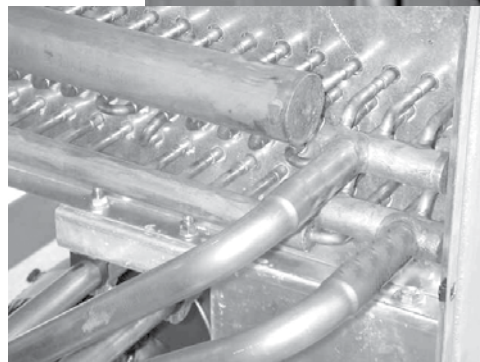
**Electrical panel**



**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**<sub>US</sub> 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
- Fused condenser fan motors
- Receiver inlet/outlet valves and safety pressure relief valve
- Replaceable liquid line drier & sight glass
- Anti-short cycle time delay relay
- 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 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.

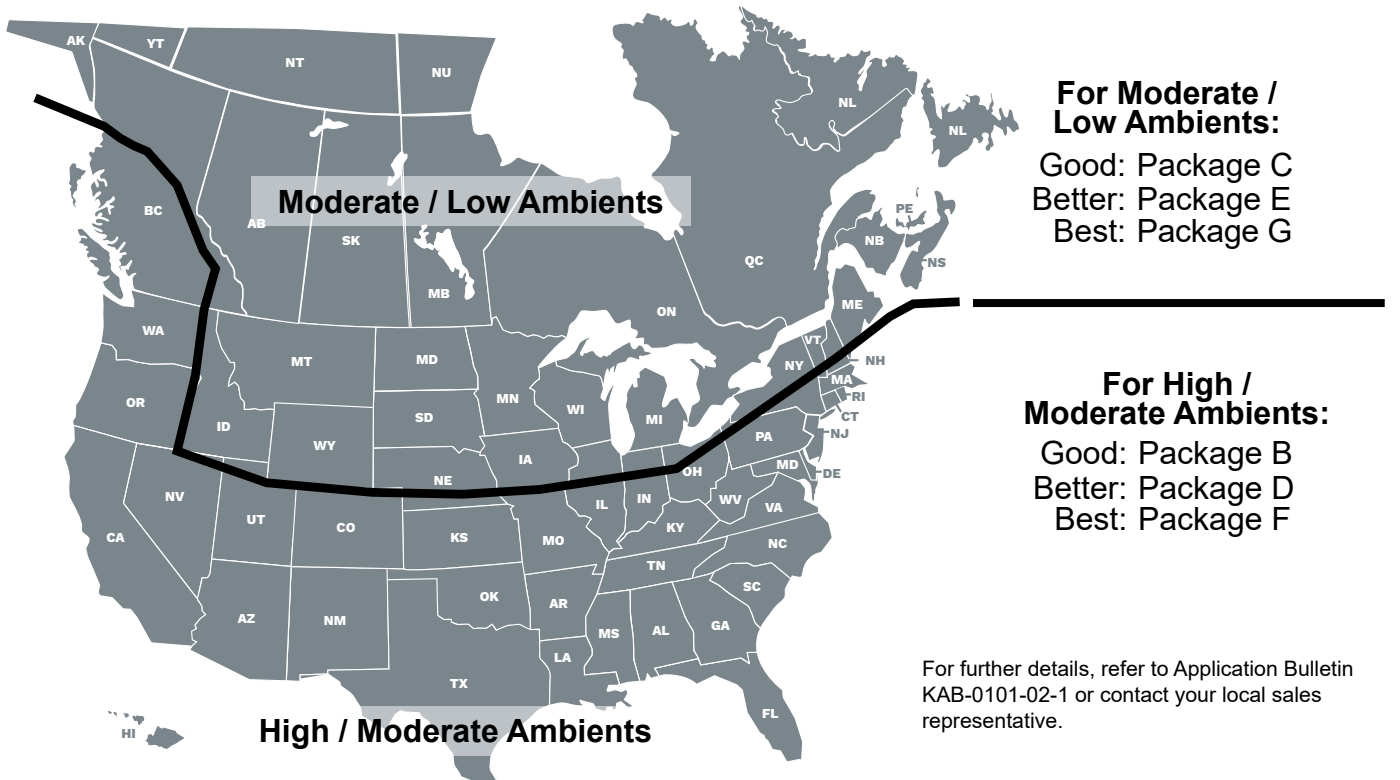
# PRE-SELECTED FACTORY MOUNTED OPTION PACKAGES

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

<sup>1</sup> Phase Monitor - 6 Wire

For information on Evaporator Defrost Kits and Fuse Packages, visit [www.k-rp.com/dfk](http://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	
	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$
<b>5 HP Cooler</b>	22	616	23	1,099	25	1,081	18	474	16	521	16	835	20	624	25	798	27	638
<b>7.5 HP Cooler</b>	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
<b>10 HP Cooler</b>	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
<b>15 HP Cooler</b>	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
<b>6 HP Freezer</b>	24	903	25	1,621	26	1,548	21	753	20	848	23	1,548	22	928	26	1,119	27	891
<b>7.5 HP Freezer</b>	21	994	21	1,783	23	1,726	17	800	16	891	18	1,591	19	1,012	23	1,255	24	1,004
<b>13 HP Freezer</b>	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
<b>15 HP Freezer</b>	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-B Compressor 4PES-15	45 (7.2)		204.3 (59.9)	196.4 (57.5)	188.4 (55.2)	180.4 (52.9)	172.4 (50.5)	164.4 (48.2)
	40 (4.4)		186.0 (54.5)	178.6 (52.3)	171.2 (50.2)	163.8 (48)	156.3 (45.8)	149.0 (43.7)
	35 (1.7)		168.7 (49.5)	161.9 (47.5)	155.0 (45.4)	148.2 (43.4)	141.3 (41.4)	134.6 (39.5)
KVS020H8-B Compressor 4NES-20	45 (7.2)		243.0 (71.2)	233.7 (68.5)	224.5 (65.8)	215.3 (63.1)	205.9 (60.3)	196.7 (57.6)
	40 (4.4)		221.2 (64.8)	212.6 (62.3)	204.0 (59.8)	195.5 (57.3)	186.9 (54.8)	178.3 (52.3)
	35 (1.7)		200.7 (58.8)	192.8 (56.5)	184.9 (54.2)	176.9 (51.9)	169.1 (49.5)	161.2 (47.2)
KVS025H8-B Compressor 4HE-25	45 (7.2)		295.6 (86.6)	284.1 (83.3)	272.7 (79.9)	261.2 (76.6)	249.8 (73.2)	238.5 (69.9)
	40 (4.4)		270.2 (79.2)	259.5 (76)	248.7 (72.9)	238.0 (69.8)	227.4 (66.7)	216.8 (63.5)
	35 (1.7)		245.9 (72.1)	236.0 (69.2)	226.1 (66.3)	216.2 (63.4)	206.3 (60.5)	196.5 (57.6)
KVS030H8-B Compressor 4GE-30	45 (7.2)		344.8 (101.1)	331.9 (97.3)	318.9 (93.5)	306.0 (89.7)	293.1 (85.9)	280.1 (82.1)
	40 (4.4)		315.6 (92.5)	303.5 (88.9)	291.4 (85.4)	279.3 (81.9)	267.3 (78.3)	255.3 (74.8)
	35 (1.7)		287.8 (84.3)	276.6 (81.1)	265.3 (77.8)	254.1 (74.5)	243.0 (71.2)	231.8 (67.9)
KVS035H8-B Compressor 6HE-35	45 (7.2)		449.1 (131.6)	432.0 (126.6)	415.0 (121.6)	398.0 (116.6)	381.0 (111.7)	364.1 (106.7)
	40 (4.4)		410.9 (120.4)	395.0 (115.8)	379.1 (111.1)	363.3 (106.5)	347.4 (101.8)	331.7 (97.2)
	35 (1.7)		374.6 (109.8)	359.8 (105.5)	345.1 (101.1)	330.4 (96.8)	315.7 (92.5)	301.1 (88.3)
KVS040H8-B Compressor 6GE-40	45 (7.2)		519.0 (152.1)	499.5 (146.4)	480.0 (140.7)	460.4 (134.9)	441.0 (129.2)	421.7 (123.6)
	40 (4.4)		474.8 (139.2)	456.5 (133.8)	438.4 (128.5)	420.2 (123.2)	402.2 (117.9)	384.1 (112.6)
	35 (1.7)		432.8 (126.8)	415.9 (121.9)	399.1 (117)	382.2 (112)	365.4 (107.1)	348.7 (102.2)

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) <b>R407A</b> 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-B  Compressor Model 4PES-15	30 (-1.1)		152.5 (44.7)	146.2 (42.8)	139.9 (41)	133.7 (39.2)	127.4 (37.3)	121.1 (35.5)		
	25 (-3.9)		137.3 (40.3)	131.6 (38.6)	125.8 (36.9)	120.0 (35.2)	114.2 (33.5)	108.6 (31.8)		
	20 (-6.7)		123.2 (36.1)	117.8 (34.5)	112.6 (33)	107.3 (31.4)	102.1 (29.9)	96.8 (28.4)		
	15 (-9.4)		109.9 (32.2)	105.1 (30.8)	100.4 (29.4)	95.6 (28)	90.8 (26.6)	86.0 (25.2)		
	10 (-12.2)		97.8 (28.6)	93.3 (27.4)	89.0 (26.1)	84.7 (24.8)	80.3 (23.5)	76.0 (22.3)		
	5 (-15)		86.4 (25.3)	82.4 (24.2)	78.5 (23)	74.7 (21.9)	70.7 (20.7)	66.8 (19.6)		
0 (-17.8)		75.9 (22.2)	72.5 (21.2)	68.9 (20.2)	65.3 (19.1)	61.8 (18.1)	58.3 (17.1)			
KVS020M8-B  Compressor Model 4NES-20	30 (-1.1)		181.4 (53.2)	174.2 (51.1)	167.0 (48.9)	159.7 (46.8)	152.4 (44.7)	145.1 (42.5)		
	25 (-3.9)		163.5 (47.9)	156.9 (46)	150.2 (44)	143.5 (42.1)	136.9 (40.1)	130.3 (38.2)		
	20 (-6.7)		146.7 (43)	140.7 (41.2)	134.6 (39.5)	128.5 (37.7)	122.4 (35.9)	116.4 (34.1)		
	15 (-9.4)		131.1 (38.4)	125.7 (36.8)	120.1 (35.2)	114.7 (33.6)	109.1 (32)	103.6 (30.4)		
	10 (-12.2)		116.8 (34.2)	111.7 (32.7)	106.8 (31.3)	101.7 (29.8)	96.8 (28.4)	91.8 (26.9)		
	5 (-15)		103.4 (30.3)	98.9 (29)	94.4 (27.7)	89.9 (26.3)	85.4 (25)	80.9 (23.7)		
0 (-17.8)		91.0 (26.7)	87.0 (25.5)	83.0 (24.3)	79.0 (23.1)	74.9 (21.9)	70.9 (20.8)			
KVS025M8-B  Compressor Model 4HE-25	30 (-1.1)		223.1 (65.4)	213.9 (62.7)	204.6 (60)	195.5 (57.3)	186.4 (54.6)	177.2 (51.9)		
	25 (-3.9)		201.5 (59.1)	193.1 (56.6)	184.6 (54.1)	176.1 (51.6)	167.7 (49.1)	159.4 (46.7)		
	20 (-6.7)		181.3 (53.1)	173.5 (50.8)	165.7 (48.6)	158.0 (46.3)	150.3 (44)	142.6 (41.8)		
	15 (-9.4)		162.3 (47.6)	155.2 (45.5)	148.2 (43.4)	141.0 (41.3)	134.0 (39.3)	126.9 (37.2)		
	10 (-12.2)		144.7 (42.4)	138.2 (40.5)	131.7 (38.6)	125.3 (36.7)	118.9 (34.8)	112.5 (33)		
	5 (-15)		128.2 (37.6)	122.3 (35.8)	116.4 (34.1)	110.6 (32.4)	104.7 (30.7)	98.9 (29)		
0 (-17.8)		112.9 (33.1)	107.5 (31.5)	102.2 (29.9)	96.9 (28.4)	91.7 (26.9)	86.4 (25.3)			
KVS030M8-B  Compressor Model 4GE-30	30 (-1.1)		261.5 (76.6)	251.1 (73.6)	240.7 (70.5)	230.4 (67.5)	220.1 (64.5)	209.8 (61.5)		
	25 (-3.9)		236.7 (69.4)	227.1 (66.6)	217.6 (63.8)	208.0 (61)	198.6 (58.2)	189.1 (55.4)		
	20 (-6.7)		213.4 (62.5)	204.6 (60)	195.8 (57.4)	187.1 (54.8)	178.5 (52.3)	169.8 (49.8)		
	15 (-9.4)		191.5 (56.1)	183.5 (53.8)	175.6 (51.5)	167.6 (49.1)	159.7 (46.8)	151.8 (44.5)		
	10 (-12.2)		171.2 (50.2)	163.9 (48)	156.7 (45.9)	149.4 (43.8)	142.2 (41.7)	135.0 (39.6)		
	5 (-15)		152.1 (44.6)	145.5 (42.7)	139.0 (40.7)	132.4 (38.8)	125.9 (36.9)	119.5 (35)		
0 (-17.8)		134.5 (39.4)	128.5 (37.7)	122.5 (35.9)	116.7 (34.2)	110.8 (32.5)	104.9 (30.7)			
KVS035M8-B  Compressor Model 6HE-35	30 (-1.1)		340.3 (99.7)	326.7 (95.7)	313.0 (91.7)	299.4 (87.7)	285.8 (83.8)	272.4 (79.8)		
	25 (-3.9)		308.0 (90.3)	295.4 (86.6)	282.8 (82.9)	270.3 (79.2)	257.9 (75.6)	245.4 (71.9)		
	20 (-6.7)		277.5 (81.3)	266.0 (77.9)	254.5 (74.6)	243.0 (71.2)	231.6 (67.9)	220.3 (64.6)		
	15 (-9.4)		249.1 (73)	238.5 (69.9)	228.0 (66.8)	217.6 (63.8)	207.2 (60.7)	196.8 (57.7)		
	10 (-12.2)		222.4 (65.2)	212.8 (62.4)	203.3 (59.6)	193.7 (56.8)	184.3 (54)	174.8 (51.2)		
	5 (-15)		197.6 (57.9)	188.9 (55.4)	180.3 (52.8)	171.7 (50.3)	163.1 (47.8)	154.6 (45.3)		
0 (-17.8)		174.5 (51.1)	166.6 (48.8)	158.8 (46.5)	151.0 (44.3)	143.2 (42)	135.6 (39.7)			
KVS040M8-B  Compressor Model 6GE-40	30 (-1.1)		393.2 (115.2)	377.6 (110.7)	361.9 (106.1)	346.4 (101.5)	331.0 (97)	315.5 (92.5)		
	25 (-3.9)		355.8 (104.3)	341.5 (100.1)	327.1 (95.9)	312.8 (91.7)	298.5 (87.5)	284.3 (83.3)		
	20 (-6.7)		320.8 (94)	307.5 (90.1)	294.4 (86.3)	281.3 (82.4)	268.3 (78.6)	255.3 (74.8)		
	15 (-9.4)		287.9 (84.4)	275.8 (80.8)	263.9 (77.3)	251.9 (73.8)	240.0 (70.3)	228.2 (66.9)		
	10 (-12.2)		257.3 (75.4)	246.2 (72.2)	235.4 (69)	224.5 (65.8)	213.7 (62.6)	203.0 (59.5)		
	5 (-15)		228.6 (67)	218.7 (64.1)	208.8 (61.2)	199.0 (58.3)	189.2 (55.5)	179.4 (52.6)		
0 (-17.8)		202.0 (59.2)	193.1 (56.6)	184.2 (54)	175.2 (51.4)	166.4 (48.8)	157.6 (46.2)			
KVS050M8-B  Compressor Model 6FE-50	30 (-1.1)		452.4 (132.6)	434.3 (127.3)	416.1 (122)	398.0 (116.6)	379.9 (111.3)	361.9 (106.1)		
	25 (-3.9)		410.4 (120.3)	393.6 (115.4)	376.8 (110.4)	360.2 (105.5)	343.6 (100.7)	327.0 (95.8)		
	20 (-6.7)		370.9 (108.7)	355.3 (104.1)	340.0 (99.6)	324.7 (95.1)	309.3 (90.7)	294.2 (86.2)		
	15 (-9.4)		333.5 (97.7)	319.4 (93.6)	305.3 (89.5)	291.3 (85.4)	277.3 (81.3)	263.4 (77.2)		
	10 (-12.2)		298.5 (87.5)	285.7 (83.7)	272.8 (79.9)	260.1 (76.2)	247.4 (72.5)	234.8 (68.8)		
	5 (-15)		265.8 (77.9)	254.1 (74.5)	242.4 (71.1)	230.9 (67.7)	219.5 (64.3)	208.0 (61)		
0 (-17.8)		235.2 (68.9)	224.6 (65.8)	214.1 (62.7)	203.7 (59.7)	193.3 (56.7)	182.9 (53.6)			

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)
KVS012L8-B Compressor Model 4NES-14	0	(-17.8)	83.4	(24.4)	79.5	(23.3)	75.6	(22.2)	71.7	(21)	67.8	(19.9)	64.1	(18.8)
	-5	(-20.6)	73.4	(21.5)	69.8	(20.5)	66.4	(19.4)	62.9	(18.4)	59.4	(17.4)	56.0	(16.4)
	-10	(-23.3)	64.2	(18.8)	60.9	(17.8)	57.8	(16.9)	54.6	(16)	51.6	(15.1)	48.4	(14.2)
	-15	(-26.1)	55.5	(16.3)	52.7	(15.4)	49.9	(14.6)	47.0	(13.8)	44.2	(13)	41.5	(12.2)
	-20	(-28.9)	47.6	(13.9)	45.0	(13.2)	42.5	(12.5)	40.0	(11.7)	37.5	(11)	35.1	(10.3)
	-25	(-31.7)	40.3	(11.8)	38.0	(11.1)	35.7	(10.5)	33.5	(9.8)	31.3	(9.2)	29.1	(8.5)
	-30	(-34.4)	33.5	(9.8)	31.5	(9.2)	29.4	(8.6)	27.4	(8)	25.4	(7.4)	23.5	(6.9)
	-35	(-37.2)	27.2	(8)	25.4	(7.4)	23.6	(6.9)	21.7	(6.4)	20.1	(5.9)	18.3	(5.4)
-40	(-40)	21.4	(6.3)	19.7	(5.8)	18.2	(5.3)	16.5	(4.8)	14.9	(4.4)	13.3	(3.9)	
KVS015L8-B Compressor Model 4HE-18	0	(-17.8)	109.4	(32.1)	104.4	(30.6)	99.4	(29.1)	94.6	(27.7)	89.8	(26.3)	85.1	(24.9)
	-5	(-20.6)	96.6	(28.3)	92.1	(27)	87.7	(25.7)	83.3	(24.4)	78.9	(23.1)	74.6	(21.8)
	-10	(-23.3)	84.6	(24.8)	80.5	(23.6)	76.5	(22.4)	72.6	(21.3)	68.7	(20.1)	64.8	(19)
	-15	(-26.1)	73.4	(21.5)	69.7	(20.4)	66.2	(19.4)	62.6	(18.3)	59.1	(17.3)	55.7	(16.3)
	-20	(-28.9)	62.9	(18.4)	59.6	(17.5)	56.4	(16.5)	53.2	(15.6)	50.1	(14.7)	47.0	(13.8)
	-25	(-31.7)	53.0	(15.5)	50.2	(14.7)	47.3	(13.8)	44.4	(13)	41.7	(12.2)	39.0	(11.4)
	-30	(-34.4)	43.8	(12.8)	41.3	(12.1)	38.6	(11.3)	36.2	(10.6)	33.7	(9.9)	31.4	(9.2)
	-35	(-37.2)	35.1	(10.3)	32.9	(9.6)	30.6	(9)	28.4	(8.3)	26.3	(7.7)	24.2	(7.1)
-40	(-40)	26.9	(7.9)	24.9	(7.3)	22.9	(6.7)	20.9	(6.1)	19.0	(5.6)	17.1	(5)	
KVS020L8-B Compressor Model 4GE-23	0	(-17.8)	132.9	(39)	127.3	(37.3)	121.7	(35.7)	116.1	(34)	110.7	(32.4)	105.2	(30.8)
	-5	(-20.6)	117.6	(34.5)	112.6	(33)	107.4	(31.5)	102.5	(30)	97.5	(28.6)	92.6	(27.1)
	-10	(-23.3)	103.3	(30.3)	98.7	(28.9)	94.2	(27.6)	89.7	(26.3)	85.3	(25)	81.0	(23.7)
	-15	(-26.1)	90.0	(26.4)	85.9	(25.2)	81.8	(24)	77.8	(22.8)	73.8	(21.6)	69.9	(20.5)
	-20	(-28.9)	77.5	(22.7)	73.8	(21.6)	70.2	(20.6)	66.7	(19.5)	63.2	(18.5)	59.7	(17.5)
	-25	(-31.7)	65.8	(19.3)	62.6	(18.3)	59.4	(17.4)	56.3	(16.5)	53.1	(15.6)	50.2	(14.7)
	-30	(-34.4)	54.9	(16.1)	52.1	(15.3)	49.2	(14.4)	46.4	(13.6)	43.8	(12.8)	41.1	(12)
	-35	(-37.2)	44.6	(13.1)	42.1	(12.3)	39.6	(11.6)	37.2	(10.9)	34.9	(10.2)	32.4	(9.5)
-40	(-40)	34.9	(10.2)	32.7	(9.6)	30.5	(8.9)	28.4	(8.3)	26.3	(7.7)	24.3	(7.1)	
KVS025L8-B Compressor Model 6HE-28	0	(-17.8)	167.9	(49.2)	160.2	(47)	152.8	(44.8)	145.3	(42.6)	138.0	(40.4)	130.7	(38.3)
	-5	(-20.6)	148.1	(43.4)	141.1	(41.4)	134.4	(39.4)	127.7	(37.4)	121.1	(35.5)	114.5	(33.5)
	-10	(-23.3)	129.5	(37.9)	123.3	(36.1)	117.2	(34.3)	111.1	(32.6)	105.2	(30.8)	99.3	(29.1)
	-15	(-26.1)	112.1	(32.9)	106.6	(31.2)	101.1	(29.6)	95.8	(28.1)	90.4	(26.5)	85.2	(25)
	-20	(-28.9)	96.0	(28.1)	91.0	(26.7)	86.2	(25.3)	81.4	(23.8)	76.7	(22.5)	71.9	(21.1)
	-25	(-31.7)	81.0	(23.7)	76.5	(22.4)	72.1	(21.1)	67.9	(19.9)	63.7	(18.7)	59.5	(17.4)
	-30	(-34.4)	66.8	(19.6)	62.9	(18.4)	59.0	(17.3)	55.2	(16.2)	51.6	(15.1)	47.9	(14)
	-35	(-37.2)	53.4	(15.7)	50.1	(14.7)	46.6	(13.7)	43.3	(12.7)	40.0	(11.7)	36.9	(10.8)
-40	(-40)	41.0	(12)	37.9	(11.1)	34.9	(10.2)	31.9	(9.4)	29.1	(8.5)	26.3	(7.7)	
KVS030L8-B Compressor Model 6GE-34	0	(-17.8)	188.6	(55.3)	180.1	(52.8)	171.6	(50.3)	163.3	(47.9)	155.1	(45.5)	147.0	(43.1)
	-5	(-20.6)	166.6	(48.8)	159.0	(46.6)	151.3	(44.3)	143.9	(42.2)	136.4	(40)	129.0	(37.8)
	-10	(-23.3)	146.2	(42.8)	139.2	(40.8)	132.3	(38.8)	125.6	(36.8)	118.9	(34.8)	112.2	(32.9)
	-15	(-26.1)	126.9	(37.2)	120.6	(35.4)	114.6	(33.6)	108.5	(31.8)	102.5	(30)	96.6	(28.3)
	-20	(-28.9)	108.9	(31.9)	103.3	(30.3)	97.9	(28.7)	92.4	(27.1)	87.0	(25.5)	81.9	(24)
	-25	(-31.7)	92.0	(27)	87.0	(25.5)	82.1	(24.1)	77.4	(22.7)	72.7	(21.3)	68.0	(19.9)
	-30	(-34.4)	76.1	(22.3)	71.7	(21)	67.4	(19.8)	63.1	(18.5)	59.0	(17.3)	54.9	(16.1)
	-35	(-37.2)	61.1	(17.9)	57.3	(16.8)	53.4	(15.7)	49.7	(14.6)	46.0	(13.5)	42.4	(12.4)
-40	(-40)	47.0	(13.8)	43.6	(12.8)	40.2	(11.8)	36.9	(10.8)	33.6	(9.8)	30.6	(9)	
KVS040L8-B Compressor Model 6FE-44	0	(-17.8)	225.6	(66.1)	215.7	(63.2)	205.8	(60.3)	195.9	(57.4)	186.3	(54.6)	176.8	(51.8)
	-5	(-20.6)	199.8	(58.6)	190.8	(55.9)	181.8	(53.3)	172.9	(50.7)	164.2	(48.1)	155.6	(45.6)
	-10	(-23.3)	175.6	(51.5)	167.4	(49.1)	159.3	(46.7)	151.3	(44.3)	143.4	(42)	135.8	(39.8)
	-15	(-26.1)	152.8	(44.8)	145.4	(42.6)	138.2	(40.5)	131.0	(38.4)	124.0	(36.3)	117.1	(34.3)
	-20	(-28.9)	131.4	(38.5)	124.8	(36.6)	118.3	(34.7)	112.0	(32.8)	105.7	(31)	99.6	(29.2)
	-25	(-31.7)	111.3	(32.6)	105.5	(30.9)	99.8	(29.2)	94.1	(27.6)	88.6	(26)	83.2	(24.4)
	-30	(-34.4)	92.4	(27.1)	87.3	(25.6)	82.2	(24.1)	77.3	(22.6)	72.3	(21.2)	67.6	(19.8)
	-35	(-37.2)	74.7	(21.9)	70.1	(20.6)	65.6	(19.2)	61.2	(17.9)	56.9	(16.7)	52.8	(15.5)
-40	(-40)	57.8	(16.9)	53.8	(15.8)	49.8	(14.6)	46.0	(13.5)	42.2	(12.4)	38.5	(11.3)	

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) <b>R407A</b> AMBIENT TEMPERATURE °F (°C)							
	° F	° C	85	90	95	100	105	110		
			(29.4)	(32.2)	(35)	(37.8)	(40.6)	(43.3)		
KVS012D8-B  Compressor Model 4NES-14	0	(-17.8)	81.7 (23.9)	77.9 (22.8)	74.0 (21.7)	70.2 (20.6)	66.5 (19.5)	62.7 (18.4)		
	-5	(-20.6)	72.1 (21.1)	68.6 (20.1)	65.1 (19.1)	61.7 (18.1)	58.2 (17.1)	54.9 (16.1)		
	-10	(-23.3)	63.1 (18.5)	59.9 (17.6)	56.8 (16.6)	53.7 (15.7)	50.6 (14.8)	47.6 (14)		
	-15	(-26.1)	54.7 (16)	51.8 (15.2)	49.0 (14.4)	46.3 (13.6)	43.5 (12.7)	40.8 (12)		
	-20	(-28.9)	46.9 (13.7)	44.4 (13)	41.9 (12.3)	39.4 (11.5)	36.9 (10.8)	34.5 (10.1)		
	-25	(-31.7)	39.7 (11.6)	37.5 (11)	35.2 (10.3)	33.0 (9.7)	30.8 (9)	28.6 (8.4)		
	-30	(-34.4)	33.1 (9.7)	31.0 (9.1)	29.0 (8.5)	27.0 (7.9)	25.1 (7.4)	23.2 (6.8)		
	-35	(-37.2)	26.9 (7.9)	25.1 (7.4)	23.3 (6.8)	21.5 (6.3)	19.7 (5.8)	18.0 (5.3)		
	-40	(-40)	21.2 (6.2)	19.5 (5.7)	17.9 (5.2)	16.3 (4.8)	14.7 (4.3)	13.2 (3.9)		
KVS015D8-B  Compressor Model 4HE-18	0	(-17.8)	106.4 (31.2)	101.6 (29.8)	96.8 (28.4)	92.0 (27)	87.3 (25.6)	82.7 (24.2)		
	-5	(-20.6)	94.2 (27.6)	89.8 (26.3)	85.4 (25)	81.1 (23.8)	76.8 (22.5)	72.7 (21.3)		
	-10	(-23.3)	82.7 (24.2)	78.7 (23.1)	74.7 (21.9)	70.8 (20.7)	67.0 (19.6)	63.2 (18.5)		
	-15	(-26.1)	71.8 (21)	68.3 (20)	64.7 (19)	61.2 (17.9)	57.8 (16.9)	54.4 (15.9)		
	-20	(-28.9)	61.6 (18.1)	58.4 (17.1)	55.3 (16.2)	52.1 (15.3)	49.1 (14.4)	46.1 (13.5)		
	-25	(-31.7)	52.1 (15.3)	49.2 (14.4)	46.4 (13.6)	43.6 (12.8)	40.9 (12)	38.2 (11.2)		
	-30	(-34.4)	43.0 (12.6)	40.5 (11.9)	38.0 (11.1)	35.5 (10.4)	33.1 (9.7)	30.8 (9)		
	-35	(-37.2)	34.5 (10.1)	32.2 (9.4)	30.0 (8.8)	27.8 (8.1)	25.7 (7.5)	23.7 (6.9)		
	-40	(-40)	26.4 (7.7)	24.4 (7.2)	22.4 (6.6)	20.5 (6)	18.6 (5.5)	16.8 (4.9)		
KVS020D8-B  Compressor Model 4GE-23	0	(-17.8)	130.8 (38.3)	125.2 (36.7)	119.7 (35.1)	114.2 (33.5)	108.7 (31.9)	103.4 (30.3)		
	-5	(-20.6)	115.9 (34)	110.8 (32.5)	105.8 (31)	100.9 (29.6)	96.0 (28.1)	91.2 (26.7)		
	-10	(-23.3)	101.9 (29.9)	97.3 (28.5)	92.9 (27.2)	88.4 (25.9)	84.0 (24.6)	79.7 (23.4)		
	-15	(-26.1)	88.8 (26)	84.7 (24.8)	80.7 (23.7)	76.8 (22.5)	72.8 (21.3)	69.0 (20.2)		
	-20	(-28.9)	76.6 (22.4)	72.9 (21.4)	69.4 (20.3)	65.8 (19.3)	62.4 (18.3)	59.0 (17.3)		
	-25	(-31.7)	65.1 (19.1)	61.9 (18.1)	58.7 (17.2)	55.6 (16.3)	52.5 (15.4)	49.5 (14.5)		
	-30	(-34.4)	54.3 (15.9)	51.5 (15.1)	48.7 (14.3)	45.9 (13.5)	43.2 (12.7)	40.6 (11.9)		
	-35	(-37.2)	44.2 (13)	41.7 (12.2)	39.2 (11.5)	36.8 (10.8)	34.4 (10.1)	32.1 (9.4)		
	-40	(-40)	34.5 (10.1)	32.3 (9.5)	30.2 (8.9)	28.1 (8.2)	26.0 (7.6)	24.0 (7)		
KVS025D8-B  Compressor Model 6HE-28	0	(-17.8)	164.7 (48.3)	157.2 (46.1)	149.8 (43.9)	142.5 (41.8)	135.3 (39.7)	128.2 (37.6)		
	-5	(-20.6)	145.4 (42.6)	138.7 (40.6)	132.0 (38.7)	125.3 (36.7)	118.8 (34.8)	112.4 (32.9)		
	-10	(-23.3)	127.4 (37.3)	121.3 (35.5)	115.2 (33.8)	109.3 (32)	103.4 (30.3)	97.6 (28.6)		
	-15	(-26.1)	110.5 (32.4)	105.0 (30.8)	99.6 (29.2)	94.2 (27.6)	88.9 (26.1)	83.8 (24.6)		
	-20	(-28.9)	94.6 (27.7)	89.7 (26.3)	84.9 (24.9)	80.1 (23.5)	75.5 (22.1)	70.9 (20.8)		
	-25	(-31.7)	79.8 (23.4)	75.5 (22.1)	71.2 (20.9)	66.9 (19.6)	62.8 (18.4)	58.7 (17.2)		
	-30	(-34.4)	65.9 (19.3)	62.1 (18.2)	58.3 (17.1)	54.5 (16)	50.8 (14.9)	47.2 (13.8)		
	-35	(-37.2)	52.8 (15.5)	49.4 (14.5)	46.1 (13.5)	42.7 (12.5)	39.5 (11.6)	36.4 (10.7)		
	-40	(-40)	40.5 (11.9)	37.4 (11)	34.5 (10.1)	31.5 (9.2)	28.7 (8.4)	25.9 (7.6)		
KVS030D8-B  Compressor Model 6GE-34	0	(-17.8)	184.5 (54.1)	176.2 (51.6)	167.9 (49.2)	159.7 (46.8)	151.6 (44.4)	143.7 (42.1)		
	-5	(-20.6)	163.4 (47.9)	155.8 (45.7)	148.3 (43.5)	140.9 (41.3)	133.6 (39.2)	126.4 (37)		
	-10	(-23.3)	143.5 (42.1)	136.6 (40)	129.9 (38.1)	123.2 (36.1)	116.6 (34.2)	110.1 (32.3)		
	-15	(-26.1)	124.8 (36.6)	118.6 (34.8)	112.5 (33)	106.5 (31.2)	100.6 (29.5)	94.8 (27.8)		
	-20	(-28.9)	107.2 (31.4)	101.7 (29.8)	96.2 (28.2)	90.9 (26.6)	85.6 (25.1)	80.5 (23.6)		
	-25	(-31.7)	90.6 (26.6)	85.7 (25.1)	80.9 (23.7)	76.1 (22.3)	71.5 (21)	66.9 (19.6)		
	-30	(-34.4)	75.1 (22)	70.7 (20.7)	66.4 (19.5)	62.2 (18.2)	58.1 (17)	54.1 (15.9)		
	-35	(-37.2)	60.3 (17.7)	56.5 (16.6)	52.7 (15.4)	49.0 (14.4)	45.4 (13.3)	41.8 (12.3)		
	-40	(-40)	46.4 (13.6)	43.0 (12.6)	39.6 (11.6)	36.4 (10.7)	33.2 (9.7)	30.1 (8.8)		

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-B Compressor 4PES-15	45 (7.2)		210.0 (61.5)	201.6 (59.1)	193.3 (56.7)	185.0 (54.2)	176.8 (51.8)	168.5 (49.4)
	40 (4.4)		191.0 (56)	183.3 (53.7)	175.6 (51.5)	167.9 (49.2)	160.2 (47)	152.6 (44.7)
	35 (1.7)		173.1 (50.7)	166.0 (48.7)	158.9 (46.6)	151.8 (44.5)	144.7 (42.4)	137.7 (40.3)
KVS020H8-B Compressor 4NES-20	45 (7.2)		251.6 (73.7)	242.0 (70.9)	232.5 (68.1)	222.9 (65.3)	213.4 (62.5)	---
	40 (4.4)		229.1 (67.1)	220.2 (64.5)	211.3 (61.9)	202.4 (59.3)	193.6 (56.7)	184.8 (54.2)
	35 (1.7)		207.9 (60.9)	199.6 (58.5)	191.4 (56.1)	183.3 (53.7)	175.1 (51.3)	167.1 (49)
KVS025H8-B Compressor 4HE-25	45 (7.2)		308.7 (90.5)	296.9 (87)	285.2 (83.6)	273.3 (80.1)	---	---
	40 (4.4)		283.3 (83)	272.4 (79.8)	261.3 (76.6)	250.3 (73.4)	239.3 (70.1)	---
	35 (1.7)		259.0 (75.9)	248.9 (72.9)	238.8 (70)	228.5 (67)	218.3 (64)	207.9 (60.9)
KVS030H8-B Compressor 4GE-30	45 (7.2)		353.6 (103.6)	339.9 (99.6)	326.1 (95.6)	312.3 (91.5)	---	---
	40 (4.4)		324.8 (95.2)	312.0 (91.4)	299.1 (87.7)	286.2 (83.9)	273.3 (80.1)	---
	35 (1.7)		297.2 (87.1)	285.4 (83.6)	273.5 (80.2)	261.6 (76.7)	249.6 (73.1)	237.5 (69.6)
KVS035H8-B Compressor 6HE-35	45 (7.2)		455.1 (133.4)	438.1 (128.4)	420.9 (123.4)	361.8 (106)	---	---
	40 (4.4)		417.5 (122.4)	401.6 (117.7)	385.7 (113)	329.5 (96.6)	369.6 354	---
	35 (1.7)		381.7 (111.9)	367.0 (107.5)	352.2 (103.2)	299.1 (87.7)	337.4 322	307.4 (90.1)
KVS040H8-B Compressor 6GE-40	45 (7.2)		517.7 (151.7)	497.6 (145.8)	477.5 (140)	457.3 (134)	437.0 (128.1)	---
	40 (4.4)		475.4 (139.3)	456.9 (133.9)	438.3 (128.4)	419.5 (122.9)	400.7 (117.4)	381.7 (111.9)
	35 (1.7)		435.1 (127.5)	418.0 (122.5)	400.9 (117.5)	383.6 (112.4)	366.1 (107.3)	348.7 (102.2)

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) <b>R448A R449A</b> 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-B Compressor Model 4PES-15	30 (-1.1)		156.5 (45.9)	149.8 (42.8)	143.2 (42)	136.7 (40.1)	130.2 (38.2)	123.7 (36.2)		
	25 (-3.9)		140.7 (41.2)	134.7 (38.6)	128.7 (37.7)	122.6 (35.9)	116.8 (34.2)	110.8 (32.5)		
	20 (-6.7)		126.1 (37)	120.6 (34.5)	115.1 (33.7)	109.6 (32.1)	104.2 (30.5)	98.8 (29)		
	15 (-9.4)		112.6 (33)	107.6 (30.8)	102.6 (30.1)	97.7 (28.6)	92.6 (27.1)	87.7 (25.7)		
	10 (-12.2)		100.1 (29.3)	95.6 (27.4)	90.9 (26.6)	86.4 (25.3)	82.0 (24)	77.5 (22.7)		
	5 (-15)		88.5 (25.9)	84.4 (24.2)	80.3 (23.5)	76.2 (22.3)	72.1 (21.1)	68.1 (20)		
0 (-17.8)		77.9 (22.8)	74.1 (21.2)	70.5 (20.6)	66.8 (19.6)	63.2 (18.5)	59.5 (17.4)			
KVS020M8-B Compressor Model 4NES-20	30 (-1.1)		188.0 (55.1)	180.4 (42.8)	172.9 (50.7)	165.5 (48.5)	157.9 (46.3)	150.6 (44.1)		
	25 (-3.9)		169.4 (49.6)	162.5 (38.6)	155.6 (45.6)	148.8 (43.6)	142.0 (41.6)	135.1 (39.6)		
	20 (-6.7)		152.1 (44.6)	145.8 (34.5)	139.5 (40.9)	133.4 (39.1)	127.2 (37.3)	121.0 (35.4)		
	15 (-9.4)		136.1 (39.9)	130.4 (30.8)	124.7 (36.6)	119.1 (34.9)	113.4 (33.2)	107.8 (31.6)		
	10 (-12.2)		121.3 (35.5)	116.1 (27.4)	111.0 (32.5)	105.8 (31)	100.8 (29.5)	95.7 (28)		
	5 (-15)		107.5 (31.5)	102.9 (24.2)	98.3 (28.8)	93.8 (27.5)	89.1 (26.1)	84.6 (24.8)		
0 (-17.8)		95.0 (27.8)	90.8 (21.2)	86.7 (25.4)	82.5 (24.2)	78.4 (23)	74.4 (21.8)			
KVS025M8-B Compressor Model 4HE-25	30 (-1.1)		236.0 (69.2)	226.7 (42.8)	217.2 (63.7)	207.9 (60.9)	198.5 (58.2)	188.9 (55.4)		
	25 (-3.9)		214.2 (62.8)	205.7 (38.6)	197.1 (57.8)	188.5 (55.2)	179.8 (52.7)	171.0 (50.1)		
	20 (-6.7)		193.7 (56.8)	186.0 (34.5)	178.1 (52.2)	170.2 (49.9)	162.2 (47.5)	154.2 (45.2)		
	15 (-9.4)		174.6 (51.2)	167.5 (30.8)	160.3 (47)	153.1 (44.9)	145.8 (42.7)	138.6 (40.6)		
	10 (-12.2)		156.7 (45.9)	150.2 (27.4)	143.7 (42.1)	137.1 (40.2)	130.6 (38.3)	124.0 (36.3)		
	5 (-15)		139.9 (41)	134.1 (24.2)	128.2 (37.6)	122.3 (35.8)	116.4 (34.1)	110.5 (32.4)		
0 (-17.8)		124.3 (36.4)	119.1 (21.2)	113.8 (33.4)	108.6 (31.8)	103.2 (30.2)	97.9 (28.7)			
KVS030M8-B Compressor Model 4GE-30	30 (-1.1)		270.9 (79.4)	260.1 (42.8)	249.2 (73)	238.2 (69.8)	227.2 (66.6)	216.1 (63.3)		
	25 (-3.9)		246.1 (72.1)	236.3 (38.6)	226.3 (66.3)	216.2 (63.4)	206.1 (60.4)	195.9 (57.4)		
	20 (-6.7)		222.8 (65.3)	213.8 (34.5)	204.8 (60)	195.5 (57.3)	186.4 (54.6)	177.0 (51.9)		
	15 (-9.4)		200.9 (58.9)	192.8 (30.8)	184.5 (54.1)	176.2 (51.6)	167.8 (49.2)	159.4 (46.7)		
	10 (-12.2)		180.4 (52.9)	173.0 (27.4)	165.6 (48.5)	158.1 (46.3)	150.6 (44.1)	142.9 (41.9)		
	5 (-15)		161.3 (47.3)	154.7 (24.2)	148.1 (43.4)	141.2 (41.4)	134.4 (39.4)	127.6 (37.4)		
0 (-17.8)		143.5 (42.1)	137.7 (21.2)	131.7 (38.6)	125.6 (36.8)	119.5 (35)	113.3 (33.2)			
KVS035M8-B Compressor Model 6HE-35	30 (-1.1)		347.7 (101.9)	334.1 (42.8)	320.5 (93.9)	306.8 (89.9)	293.1 (85.9)	279.2 (81.8)		
	25 (-3.9)		315.5 (92.5)	303.1 (38.6)	290.6 (85.2)	278.0 (81.5)	265.4 (77.8)	252.7 (74.1)		
	20 (-6.7)		285.4 (83.6)	273.9 (34.5)	262.6 (77)	251.1 (73.6)	239.5 (70.2)	227.9 (66.8)		
	15 (-9.4)		257.0 (75.3)	246.8 (30.8)	236.3 (69.2)	225.9 (66.2)	215.3 (63.1)	204.8 (60)		
	10 (-12.2)		230.7 (67.6)	221.2 (27.4)	211.8 (62.1)	202.3 (59.3)	192.7 (56.5)	183.1 (53.7)		
	5 (-15)		206.0 (60.4)	197.5 (24.2)	189.0 (55.4)	180.4 (52.9)	171.7 (50.3)	163.0 (47.8)		
0 (-17.8)		183.1 (53.7)	175.5 (21.2)	167.8 (49.2)	160.0 (46.9)	152.1 (44.6)	144.3 (42.3)			
KVS040M8-B Compressor Model 6GE-40	30 (-1.1)		396.9 (116.3)	381.3 (42.8)	365.4 (107.1)	349.5 (102.4)	333.6 (97.8)	317.5 (93.1)		
	25 (-3.9)		360.8 (105.7)	346.4 (38.6)	332.0 (97.3)	317.5 (93.1)	302.9 (88.8)	288.1 (84.4)		
	20 (-6.7)		326.8 (95.8)	313.6 (34.5)	300.5 (88.1)	287.4 (84.2)	274.1 (80.3)	260.6 (76.4)		
	15 (-9.4)		294.7 (86.4)	283.0 (30.8)	271.1 (79.5)	259.0 (75.9)	247.0 (72.4)	234.8 (68.8)		
	10 (-12.2)		264.9 (77.6)	254.2 (27.4)	243.5 (71.4)	232.7 (68.2)	221.8 (65)	210.6 (61.7)		
	5 (-15)		237.0 (69.5)	227.4 (24.2)	217.8 (63.8)	208.0 (61)	198.1 (58.1)	188.2 (55.1)		
0 (-17.8)		211.1 (61.9)	202.4 (21.2)	193.7 (56.8)	185.0 (54.2)	176.2 (51.6)	167.2 (49)			
KVS050M8-B Compressor Model 6FE-50	30 (-1.1)		465.7 (136.5)	446.9 (42.8)	428.0 (125.4)	409.0 (119.9)	389.9 (114.3)	370.7 (108.6)		
	25 (-3.9)		425.0 (124.6)	407.9 (38.6)	390.6 (114.5)	373.2 (109.4)	355.6 (104.2)	338.0 (99.1)		
	20 (-6.7)		386.4 (113.2)	370.8 (34.5)	355.1 (104.1)	339.2 (99.4)	323.2 (94.7)	307.1 (90)		
	15 (-9.4)		349.9 (102.5)	335.7 (30.8)	321.4 (94.2)	307.0 (90)	292.5 (85.7)	277.9 (81.5)		
	10 (-12.2)		315.4 (92.4)	302.6 (27.4)	289.8 (84.9)	276.8 (81.1)	263.7 (77.3)	250.4 (73.4)		
	5 (-15)		283.0 (82.9)	271.5 (24.2)	260.0 (76.2)	248.2 (72.7)	236.5 (69.3)	224.5 (65.8)		
0 (-17.8)		252.6 (74)	242.3 (21.2)	231.9 (68)	221.4 (64.9)	210.8 (61.8)	200.0 (58.6)			

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

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)	
KVS012L8-B Compressor Model 4NES-14	0	(-17.8)	86.5	(25.4)	82.4	(24.2)	78.3	(23)	74.2	(21.8)	70.1	(20.6)	66.0	(19.4)
	-5	(-20.6)	76.4	(22.4)	72.8	(21.3)	69.1	(20.2)	65.4	(19.2)	61.6	(18.1)	58.0	(17)
	-10	(-23.3)	67.1	(19.7)	63.7	(18.7)	60.5	(17.7)	57.1	(16.7)	53.9	(15.8)	50.5	(14.8)
	-15	(-26.1)	58.5	(17.1)	55.5	(16.3)	52.5	(15.4)	49.6	(14.5)	46.6	(13.7)	43.6	(12.8)
	-20	(-28.9)	50.5	(14.8)	47.9	(14)	45.3	(13.3)	42.6	(12.5)	39.9	(11.7)	37.3	(10.9)
	-25	(-31.7)	43.3	(12.7)	41.0	(12)	38.5	(11.3)	36.2	(10.6)	33.8	(9.9)	31.5	(9.2)
	-30	(-34.4)	36.6	(10.7)	34.5	(10.1)	32.4	(9.5)	30.2	(8.9)	28.1	(8.2)	26.0	(7.6)
	-35	(-37.2)	30.6	(9)	28.7	(8.4)	26.8	(7.8)	24.9	(7.3)	23.0	(6.7)	21.1	(6.2)
-40	(-40)	25.1	(7.4)	23.3	(6.8)	21.6	(6.3)	19.8	(5.8)	---	---	---	---	
KVS015L8-B Compressor Model 4HE-18	0	(-17.8)	117.2	(34.3)	112.1	(32.9)	107.1	(31.4)	102.1	(29.9)	97.0	(28.4)	92.0	(27)
	-5	(-20.6)	104.4	(30.6)	99.9	(29.3)	95.2	(27.9)	90.6	(26.6)	86.1	(25.2)	81.5	(23.9)
	-10	(-23.3)	92.4	(27.1)	88.2	(25.8)	84.1	(24.6)	80.0	(23.4)	75.9	(22.2)	71.8	(21)
	-15	(-26.1)	81.2	(23.8)	77.5	(22.7)	73.8	(21.6)	70.0	(20.5)	66.4	(19.4)	62.7	(18.4)
	-20	(-28.9)	70.8	(20.7)	67.4	(19.8)	64.2	(18.8)	60.8	(17.8)	57.5	(16.9)	54.2	(15.9)
	-25	(-31.7)	61.1	(17.9)	58.1	(17)	55.1	(16.2)	52.2	(15.3)	49.2	(14.4)	46.3	(13.6)
	-30	(-34.4)	52.1	(15.3)	49.5	(14.5)	46.7	(13.7)	44.1	(12.9)	41.5	(12.2)	38.9	(11.4)
	-35	(-37.2)	43.8	(12.8)	41.4	(12.1)	39.0	(11.4)	36.6	(10.7)	34.2	(10)	31.9	(9.4)
-40	(-40)	36.0	(10.6)	33.9	(9.9)	31.7	(9.3)	29.6	(8.7)	---	---	---	---	
KVS020L8-B Compressor Model 4GE-23	0	(-17.8)	140.6	(41.2)	134.8	(39.5)	129.0	(37.8)	123.2	(36.1)	117.4	(34.4)	111.5	(32.7)
	-5	(-20.6)	125.3	(36.7)	120.1	(35.2)	114.9	(33.7)	109.6	(32.1)	104.4	(30.6)	99.1	(29)
	-10	(-23.3)	111.0	(32.5)	106.4	(31.2)	101.6	(29.8)	97.0	(28.4)	92.3	(27)	87.7	(25.7)
	-15	(-26.1)	97.7	(28.6)	93.6	(27.4)	89.4	(26.2)	85.3	(25)	81.1	(23.8)	77.0	(22.6)
	-20	(-28.9)	85.4	(25)	81.7	(23.9)	78.0	(22.9)	74.3	(21.8)	70.7	(20.7)	67.0	(19.6)
	-25	(-31.7)	73.9	(21.7)	70.7	(20.7)	67.4	(19.8)	64.2	(18.8)	60.9	(17.8)	57.6	(16.9)
	-30	(-34.4)	63.3	(18.6)	60.4	(17.7)	57.5	(16.9)	54.7	(16)	51.8	(15.2)	49.0	(14.4)
	-35	(-37.2)	53.6	(15.7)	50.9	(14.9)	48.4	(14.2)	45.9	(13.4)	43.4	(12.7)	---	---
-40	(-40)	44.4	(13)	42.1	(12.3)	39.9	(11.7)	37.6	(11)	---	---	---	---	
KVS025L8-B Compressor Model 6HE-28	0	(-17.8)	176.8	(51.8)	169.4	(49.6)	161.9	(47.5)	154.4	(45.2)	146.8	(43)	139.2	(40.8)
	-5	(-20.6)	157.2	(46.1)	150.5	(44.1)	143.6	(42.1)	136.8	(40.1)	130.0	(38.1)	123.2	(36.1)
	-10	(-23.3)	138.9	(40.7)	132.8	(38.9)	126.7	(37.1)	120.5	(35.3)	114.3	(33.5)	108.2	(31.7)
	-15	(-26.1)	122.0	(35.8)	116.4	(34.1)	111.0	(32.5)	105.4	(30.9)	99.9	(29.3)	94.3	(27.6)
	-20	(-28.9)	106.3	(31.1)	101.3	(29.7)	96.3	(28.2)	91.4	(26.8)	86.3	(25.3)	81.3	(23.8)
	-25	(-31.7)	91.7	(26.9)	87.3	(25.6)	82.7	(24.2)	78.3	(23)	73.8	(21.6)	69.3	(20.3)
	-30	(-34.4)	78.3	(23)	74.2	(21.8)	70.2	(20.6)	66.2	(19.4)	62.2	(18.2)	58.1	(17)
	-35	(-37.2)	65.8	(19.3)	62.3	(18.2)	58.6	(17.2)	54.9	(16.1)	51.2	(15)	47.6	(13.9)
-40	(-40)	54.4	(15.9)	51.1	(15)	47.8	(14)	44.4	(13)	---	---	---	---	
KVS030L8-B Compressor Model 6GE-34	0	(-17.8)	204.9	(60)	196.7	(57.6)	188.5	(55.2)	180.2	(52.8)	171.8	(50.3)	163.3	(47.9)
	-5	(-20.6)	183.4	(53.8)	176.2	(51.6)	168.7	(49.5)	161.3	(47.3)	153.7	(45.1)	146.1	(42.8)
	-10	(-23.3)	163.4	(47.9)	156.9	(46)	150.2	(44)	143.5	(42.1)	136.7	(40.1)	129.8	(38)
	-15	(-26.1)	144.6	(42.4)	138.7	(40.7)	132.8	(38.9)	126.8	(37.2)	120.6	(35.4)	114.5	(33.5)
	-20	(-28.9)	127.1	(37.2)	121.8	(35.7)	116.6	(34.2)	111.1	(32.6)	105.6	(31)	100.1	(29.3)
	-25	(-31.7)	110.7	(32.4)	106.1	(31.1)	101.3	(29.7)	96.5	(28.3)	91.6	(26.8)	86.5	(25.4)
	-30	(-34.4)	95.6	(28)	91.4	(26.8)	87.0	(25.5)	82.7	(24.2)	78.3	(23)	73.8	(21.6)
	-35	(-37.2)	81.4	(23.8)	77.6	(22.7)	73.8	(21.6)	69.8	(20.5)	65.8	(19.3)	---	---
-40	(-40)	68.4	(20)	64.9	(19)	61.3	(18)	57.8	(16.9)	---	---	---	---	
KVS040L8-B Compressor Model 6FE-44	0	(-17.8)	242.9	(71.2)	232.9	(68.3)	222.8	(65.3)	212.7	(62.3)	202.5	(59.4)	192.3	(56.3)
	-5	(-20.6)	217.2	(63.7)	208.2	(61)	199.2	(58.4)	190.1	(55.7)	180.8	(53)	171.6	(50.3)
	-10	(-23.3)	193.2	(56.6)	185.0	(54.2)	176.8	(51.8)	168.6	(49.4)	160.3	(47)	151.9	(44.5)
	-15	(-26.1)	170.5	(50)	163.2	(47.8)	155.8	(45.7)	148.4	(43.5)	140.9	(41.3)	133.4	(39.1)
	-20	(-28.9)	149.3	(43.8)	142.8	(41.9)	136.1	(39.9)	129.4	(37.9)	122.6	(35.9)	115.7	(33.9)
	-25	(-31.7)	129.6	(38)	123.6	(36.2)	117.6	(34.5)	111.5	(32.7)	105.3	(30.9)	99.1	(29)
	-30	(-34.4)	111.1	(32.6)	105.7	(31)	100.3	(29.4)	94.7	(27.8)	89.0	(26.1)	83.4	(24.4)
	-35	(-37.2)	94.0	(27.5)	89.0	(26.1)	84.0	(24.6)	78.9	(23.1)	73.6	(21.6)	---	---
-40	(-40)	78.0	(22.9)	73.4	(21.5)	68.7	(20.1)	63.8	(18.7)	---	---	---	---	

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) <b>R448A R449A</b> AMBIENT TEMPERATURE °F (°C)							
	° F	° C	85 (29.4)	90 (32.2)	95 (35)	100 (37.8)	105 (40.6)	110 (43.3)		
KVS012D8-B Compressor Model 4NES-14	0 (-17.8)		84.8 (24.9)	80.8 (23.7)	76.7 (22.5)	72.7 (21.3)	68.6 (20.1)	64.5 (18.9)		
	-5 (-20.6)		75.0 (22)	71.4 (20.9)	67.7 (19.8)	64.1 (18.8)	60.4 (17.7)	56.7 (16.6)		
	-10 (-23.3)		65.9 (19.3)	62.7 (18.4)	59.4 (17.4)	56.1 (16.4)	52.8 (15.5)	49.5 (14.5)		
	-15 (-26.1)		57.5 (16.9)	54.6 (16)	51.6 (15.1)	48.7 (14.3)	45.8 (13.4)	42.8 (12.5)		
	-20 (-28.9)		49.8 (14.6)	47.2 (13.8)	44.5 (13)	41.9 (12.3)	39.3 (11.5)	36.6 (10.7)		
	-25 (-31.7)		42.7 (12.5)	40.3 (11.8)	38.0 (11.1)	35.6 (10.4)	33.3 (9.8)	30.9 (9.1)		
	-30 (-34.4)		36.2 (10.6)	34.1 (10)	32.0 (9.4)	29.9 (8.8)	27.8 (8.1)	25.7 (7.5)		
	-35 (-37.2)		30.2 (8.9)	28.3 (8.3)	26.4 (7.7)	24.5 (7.2)	22.7 (6.7)	20.8 (6.1)		
-40 (-40)		24.8 (7.3)	23.0 (6.7)	21.3 (6.2)	19.6 (5.7)	17.9 (5.2)	16.3 (4.8)			
KVS015D8-B Compressor Model 4HE-18	0 (-17.8)		114.0 (33.4)	109.0 (31.9)	104.1 (30.5)	99.1 (29)	94.1 (27.6)	89.2 (26.1)		
	-5 (-20.6)		101.8 (29.8)	97.3 (28.5)	92.8 (27.2)	88.3 (25.9)	83.8 (24.6)	79.3 (23.2)		
	-10 (-23.3)		90.3 (26.5)	86.2 (25.3)	82.1 (24.1)	78.1 (22.9)	74.0 (21.7)	70.0 (20.5)		
	-15 (-26.1)		79.5 (23.3)	75.8 (22.2)	72.1 (21.1)	68.5 (20.1)	64.8 (19)	61.2 (17.9)		
	-20 (-28.9)		69.4 (20.3)	66.1 (19.4)	62.8 (18.4)	59.5 (17.4)	56.3 (16.5)	53.0 (15.5)		
	-25 (-31.7)		60.0 (17.6)	57.0 (16.7)	54.1 (15.9)	51.1 (15)	48.2 (14.1)	45.3 (13.3)		
	-30 (-34.4)		51.2 (15)	48.6 (14.2)	45.9 (13.5)	43.3 (12.7)	40.7 (11.9)	38.1 (11.2)		
	-35 (-37.2)		43.1 (12.6)	40.7 (11.9)	38.3 (11.2)	36.0 (10.6)	33.6 (9.8)	31.3 (9.2)		
-40 (-40)		35.5 (10.4)	33.3 (9.8)	31.2 (9.1)	29.1 (8.5)	27.0 (7.9)	24.9 (7.3)			
KVS020D8-B Compressor Model 4GE-23	0 (-17.8)		138.4 (40.6)	132.6 (38.9)	126.8 (37.2)	121.0 (35.5)	115.2 (33.8)	109.4 (32.1)		
	-5 (-20.6)		123.4 (36.2)	118.3 (34.7)	113.1 (33.1)	107.9 (31.6)	102.7 (30.1)	97.5 (28.6)		
	-10 (-23.3)		109.5 (32.1)	104.9 (30.7)	100.2 (29.4)	95.6 (28)	90.9 (26.6)	86.3 (25.3)		
	-15 (-26.1)		96.5 (28.3)	92.3 (27.1)	88.2 (25.8)	84.1 (24.6)	80.0 (23.4)	75.9 (22.2)		
	-20 (-28.9)		84.4 (24.7)	80.7 (23.7)	77.0 (22.6)	73.4 (21.5)	69.7 (20.4)	66.1 (19.4)		
	-25 (-31.7)		73.1 (21.4)	69.9 (20.5)	66.6 (19.5)	63.4 (18.6)	60.2 (17.6)	57.0 (16.7)		
	-30 (-34.4)		62.7 (18.4)	59.8 (17.5)	56.9 (16.7)	54.1 (15.9)	51.2 (15)	48.4 (14.2)		
	-35 (-37.2)		53.0 (15.5)	50.5 (14.8)	47.9 (14)	45.4 (13.3)	42.9 (12.6)	40.4 (11.8)		
-40 (-40)		44.0 (12.9)	41.7 (12.2)	39.5 (11.6)	37.2 (10.9)	35.0 (10.3)	32.8 (9.6)			
KVS025D8-B Compressor Model 6HE-28	0 (-17.8)		173.6 (50.9)	166.2 (48.7)	158.7 (46.5)	151.3 (44.3)	143.8 (42.1)	136.3 (39.9)		
	-5 (-20.6)		154.5 (45.3)	147.8 (43.3)	141.1 (41.4)	134.3 (39.4)	127.5 (37.4)	120.7 (35.4)		
	-10 (-23.3)		136.8 (40.1)	130.7 (38.3)	124.6 (36.5)	118.5 (34.7)	112.3 (32.9)	106.2 (31.1)		
	-15 (-26.1)		120.2 (35.2)	114.7 (33.6)	109.2 (32)	103.7 (30.4)	98.2 (28.8)	92.6 (27.1)		
	-20 (-28.9)		104.8 (30.7)	99.9 (29.3)	94.9 (27.8)	90.0 (26.4)	85.0 (24.9)	80.0 (23.4)		
	-25 (-31.7)		90.5 (26.5)	86.1 (25.2)	81.6 (23.9)	77.2 (22.6)	72.7 (21.3)	68.2 (20)		
	-30 (-34.4)		77.3 (22.7)	73.3 (21.5)	69.3 (20.3)	65.3 (19.1)	61.2 (17.9)	57.2 (16.8)		
	-35 (-37.2)		65.1 (19.1)	61.5 (18)	57.8 (16.9)	54.2 (15.9)	50.5 (14.8)	46.9 (13.7)		
-40 (-40)		53.8 (15.8)	50.5 (14.8)	47.2 (13.8)	43.8 (12.8)	40.5 (11.9)	37.1 (10.9)			
KVS030D8-B Compressor Model 6GE-34	0 (-17.8)		200.7 (58.8)	192.6 (56.4)	184.4 (54)	176.2 (51.6)	167.8 (49.2)	159.4 (46.7)		
	-5 (-20.6)		180.1 (52.8)	172.8 (50.6)	165.5 (48.5)	158.0 (46.3)	150.5 (44.1)	142.8 (41.9)		
	-10 (-23.3)		160.7 (47.1)	154.1 (45.2)	147.5 (43.2)	140.8 (41.3)	134.1 (39.3)	127.2 (37.3)		
	-15 (-26.1)		142.4 (41.7)	136.5 (40)	130.6 (38.3)	124.6 (36.5)	118.6 (34.8)	112.4 (32.9)		
	-20 (-28.9)		125.3 (36.7)	120.0 (35.2)	114.8 (33.6)	109.4 (32.1)	103.9 (30.4)	98.4 (28.8)		
	-25 (-31.7)		109.3 (32)	104.6 (30.7)	99.9 (29.3)	95.1 (27.9)	90.2 (26.4)	85.2 (25)		
	-30 (-34.4)		94.4 (27.7)	90.2 (26.4)	85.9 (25.2)	81.6 (23.9)	77.2 (22.6)	72.7 (21.3)		
	-35 (-37.2)		80.5 (23.6)	76.7 (22.5)	72.8 (21.3)	68.9 (20.2)	64.9 (19)	60.8 (17.8)		
-40 (-40)		67.6 (19.8)	64.1 (18.8)	60.6 (17.8)	57.0 (16.7)	53.3 (15.6)	49.5 (14.5)			

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

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) <b>R448A</b> <b>R449A</b> AMBIENT TEMPERATURE °F (°C)											
	° F	° C	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVS008V8-B Compressor Model S4N-8.2	-25	(-31.7)	33.3	(9.8)	32.6	(9.6)	32.0	(9.4)	31.4	(9.2)	30.9	(9.1)	30.4	(8.9)
	-30	(-34.4)	29.4	(8.6)	28.7	(8.4)	28.1	(8.2)	27.5	(8.1)	27.0	(7.9)	26.5	(7.8)
	-35	(-37.2)	25.8	(7.6)	25.2	(7.4)	24.6	(7.2)	24.0	(7)	23.4	(6.9)	22.9	(6.7)
	-40	(-40)	22.5	(6.6)	21.9	(6.4)	21.3	(6.2)	20.7	(6.1)	20.2	(5.9)	19.7	(5.8)
	-45	(-42.8)	19.4	(5.7)	18.9	(5.5)	18.3	(5.4)	17.8	(5.2)	17.2	(5)	16.7	(4.9)
	-50	(-45.6)	16.7	(4.9)	16.2	(4.7)	15.6	(4.6)	15.1	(4.4)	14.6	(4.3)	14.1	(4.1)
	-55	(-48.3)	14.2	(4.2)	13.7	(4)	13.2	(3.9)	12.7	(3.7)	12.2	(3.6)	11.7	(3.4)
-60	(-51.1)	11.9	(3.5)	11.5	(3.4)	11.0	(3.2)	10.5	(3.1)	10.0	(2.9)	9.5	(2.8)	
KVS012V8-B Compressor Model S4G-12.2	-25	(-31.7)	49.7	(14.6)	48.8	(14.3)	47.8	(14)	47.0	(13.8)	46.2	(13.5)	45.5	(13.3)
	-30	(-34.4)	43.9	(12.9)	42.9	(12.6)	42.0	(12.3)	41.1	(12)	40.4	(11.8)	39.6	(11.6)
	-35	(-37.2)	38.5	(11.3)	37.6	(11)	36.7	(10.8)	35.8	(10.5)	35.0	(10.3)	34.3	(10.1)
	-40	(-40)	33.5	(9.8)	32.7	(9.6)	31.8	(9.3)	30.9	(9.1)	30.1	(8.8)	29.4	(8.6)
	-45	(-42.8)	29.0	(8.5)	28.2	(8.3)	27.3	(8)	26.5	(7.8)	25.7	(7.5)	24.9	(7.3)
	-50	(-45.6)	24.9	(7.3)	24.1	(7.1)	23.3	(6.8)	22.5	(6.6)	21.7	(6.4)	21.0	(6.2)
	-55	(-48.3)	21.2	(6.2)	20.4	(6)	19.7	(5.8)	18.9	(5.5)	18.1	(5.3)	17.4	(5.1)
-60	(-51.1)	17.9	(5.2)	17.1	(5)	16.4	(4.8)	15.7	(4.6)	14.9	(4.4)	14.2	(4.2)	
KVS016V8-B Compressor Model S6J-16.2	-25	(-31.7)	73.0	(21.4)	71.6	(21)	70.3	(20.6)	69.1	(20.3)	68.1	(20)	-	#VALUE!
	-30	(-34.4)	64.4	(18.9)	63.0	(18.5)	61.7	(18.1)	60.5	(17.7)	59.4	(17.4)	58.5	(17.1)
	-35	(-37.2)	56.4	(16.5)	55.1	(16.1)	53.8	(15.8)	52.5	(15.4)	51.4	(15.1)	50.4	(14.8)
	-40	(-40)	49.2	(14.4)	47.8	(14)	46.6	(13.7)	45.3	(13.3)	44.2	(13)	43.1	(12.6)
	-45	(-42.8)	42.5	(12.5)	41.3	(12.1)	40.0	(11.7)	38.8	(11.4)	37.6	(11)	36.5	(10.7)
	-50	(-45.6)	36.5	(10.7)	35.3	(10.3)	34.1	(10)	32.8	(9.6)	31.7	(9.3)	30.6	(9)
	-55	(-48.3)	31.0	(9.1)	29.9	(8.8)	28.7	(8.4)	27.5	(8.1)	26.4	(7.7)	25.3	(7.4)
-60	(-51.1)	26.1	(7.6)	25.0	(7.3)	23.9	(7)	22.8	(6.7)	21.7	(6.4)	20.6	(6)	
KVS020V8-B Compressor Model S6H-20.2	-25	(-31.7)	86.5	(25.4)	84.8	(24.9)	83.2	(24.4)	81.7	(23.9)	80.3	(23.5)	79.2	(23.2)
	-30	(-34.4)	76.3	(22.4)	74.7	(21.9)	73.0	(21.4)	71.5	(21)	70.2	(20.6)	68.9	(20.2)
	-35	(-37.2)	66.9	(19.6)	65.3	(19.1)	63.8	(18.7)	62.3	(18.3)	60.9	(17.8)	59.6	(17.5)
	-40	(-40)	58.3	(17.1)	56.8	(16.6)	55.3	(16.2)	53.8	(15.8)	52.4	(15.4)	51.1	(15)
	-45	(-42.8)	50.5	(14.8)	49.0	(14.4)	47.5	(13.9)	46.1	(13.5)	44.7	(13.1)	43.4	(12.7)
	-50	(-45.6)	43.3	(12.7)	41.9	(12.3)	40.5	(11.9)	39.1	(11.5)	37.7	(11)	36.4	(10.7)
	-55	(-48.3)	36.8	(10.8)	35.5	(10.4)	34.2	(10)	32.8	(9.6)	31.5	(9.2)	30.2	(8.9)
-60	(-51.1)	31.0	(9.1)	29.8	(8.7)	28.5	(8.4)	27.2	(8)	25.9	(7.6)	24.7	(7.2)	
KVS025V8-B Compressor Model S6G-25.2	-25	(-31.7)	98.6	(28.9)	96.7	(28.3)	94.8	(27.8)	93.2	(27.3)	91.7	(26.9)	90.4	(26.5)
	-30	(-34.4)	87.0	(25.5)	85.1	(24.9)	83.3	(24.4)	81.6	(23.9)	80.0	(23.4)	78.7	(23.1)
	-35	(-37.2)	76.3	(22.4)	74.5	(21.8)	72.7	(21.3)	71.0	(20.8)	69.4	(20.3)	68.0	(19.9)
	-40	(-40)	66.5	(19.5)	64.7	(19)	63.0	(18.5)	61.3	(18)	59.7	(17.5)	58.2	(17.1)
	-45	(-42.8)	57.5	(16.9)	55.8	(16.4)	54.1	(15.9)	52.5	(15.4)	50.9	(14.9)	49.4	(14.5)
	-50	(-45.6)	49.3	(14.4)	47.7	(14)	46.1	(13.5)	44.5	(13)	43.0	(12.6)	41.5	(12.2)
	-55	(-48.3)	42.0	(12.3)	40.5	(11.9)	38.9	(11.4)	37.4	(11)	35.8	(10.5)	34.3	(10.1)
-60	(-51.1)	35.4	(10.4)	33.9	(9.9)	32.5	(9.5)	31.0	(9.1)	29.5	(8.6)	28.0	(8.2)	
KVS030V8-B Compressor Model S6F-30.2	-25	(-31.7)	117.7	(34.5)	115.4	(33.8)	113.3	(33.2)	111.3	(32.6)	109.5	(32.1)	108.1	(31.7)
	-30	(-34.4)	103.9	(30.4)	101.6	(29.8)	99.4	(29.1)	97.4	(28.5)	95.6	(28)	94.0	(27.5)
	-35	(-37.2)	91.1	(26.7)	88.9	(26.1)	86.8	(25.4)	84.7	(24.8)	82.9	(24.3)	81.2	(23.8)
	-40	(-40)	79.4	(23.3)	77.3	(22.7)	75.2	(22)	73.2	(21.5)	71.3	(20.9)	69.5	(20.4)
	-45	(-42.8)	68.6	(20.1)	66.6	(19.5)	64.6	(18.9)	62.7	(18.4)	60.8	(17.8)	59.0	(17.3)
	-50	(-45.6)	58.9	(17.3)	57.0	(16.7)	55.1	(16.1)	53.1	(15.6)	51.3	(15)	49.5	(14.5)
	-55	(-48.3)	50.1	(14.7)	48.3	(14.2)	46.4	(13.6)	44.6	(13.1)	42.7	(12.5)	41.0	(12)
-60	(-51.1)	42.2	(12.4)	40.5	(11.9)	38.7	(11.3)	36.9	(10.8)	35.1	(10.3)	33.4	(9.8)	

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		CAPACITY MBH (KW) <b>R448A</b> <b>R449A</b> AMBIENT TEMPERATURE °F (°C)					
	° F	° C	85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)
<b>KVS015H8-B</b> Compressor Model 4PES-15	55 (12.8)		238.0 (69.8)	229.2 (67.2)	220.3 (64.6)	211.4 (61.9)	202.4 (59.3)	193.4 (56.7)
	50 (10)		217.8 (63.8)	209.5 (61.4)	201.3 (59)	193.0 (56.6)	184.6 (54.1)	176.3 (51.7)
	45 (7.2)		198.6 (58.2)	190.9 (55.9)	183.2 (53.7)	175.6 (51.5)	167.9 (49.2)	160.1 (46.9)
	40 (4.4)		180.4 (52.9)	173.4 (50.8)	166.3 (48.7)	159.3 (46.7)	152.1 (44.6)	145.0 (42.5)
	35 (1.7)		163.4 (47.9)	157.0 (46)	150.5 (44.1)	144.0 (42.2)	137.4 (40.3)	130.8 (38.3)
<b>KVS020H8-B</b> Compressor Model 4NES-20	55 (12.8)		282.9 (82.9)	272.6 (79.9)	262.2 (76.8)	251.8 (73.8)	241.4 (70.7)	230.9 (67.7)
	50 (10)		258.6 (75.8)	249.1 (73)	239.5 (70.2)	229.8 (67.4)	220.2 (64.5)	210.5 (61.7)
	45 (7.2)		235.8 (69.1)	227.0 (66.5)	218.1 (63.9)	209.2 (61.3)	200.2 (58.7)	191.3 (56.1)
	40 (4.4)		214.3 (62.8)	206.1 (60.4)	198.0 (58)	189.8 (55.6)	181.5 (53.2)	173.4 (50.8)
	35 (1.7)		194.0 (56.9)	186.7 (54.7)	179.1 (52.5)	171.7 (50.3)	164.1 (48.1)	156.6 (45.9)
<b>KVS025H8-B</b> Compressor Model 4HE-25	55 (12.8)		353.2 (103.5)	340.6 (99.8)	327.9 (96.1)	315.1 (92.3)	302.3 (88.6)	289.5 (84.8)
	50 (10)		324.6 (95.1)	312.8 (91.7)	300.9 (88.2)	289.1 (84.7)	277.1 (81.2)	265.1 (77.7)
	45 (7.2)		297.0 (87.1)	286.1 (83.9)	275.1 (80.6)	264.1 (77.4)	253.1 (74.2)	242.0 (70.9)
	40 (4.4)		270.9 (79.4)	260.7 (76.4)	250.6 (73.5)	240.5 (70.5)	230.3 (67.5)	220.1 (64.5)
	35 (1.7)		246.0 (72.1)	236.8 (69.4)	227.4 (66.7)	218.1 (63.9)	208.7 (61.2)	199.4 (58.4)
<b>KVS030H8-B</b> Compressor Model 4GE-30	55 (12.8)		411.8 (120.7)	397.4 (116.5)	383.0 (112.3)	368.6 (108)	354.0 (103.7)	339.4 (99.5)
	50 (10)		378.8 (111)	365.5 (107.1)	352.1 (103.2)	338.5 (99.2)	325.1 (95.3)	311.4 (91.3)
	45 (7.2)		347.2 (101.8)	334.8 (98.1)	322.5 (94.5)	310.0 (90.8)	297.5 (87.2)	284.9 (83.5)
	40 (4.4)		317.1 (92.9)	305.7 (89.6)	294.2 (86.2)	282.8 (82.9)	271.2 (79.5)	259.7 (76.1)
	35 (1.7)		288.5 (84.6)	278.0 (81.5)	267.5 (78.4)	257.0 (75.3)	246.4 (72.2)	235.8 (69.1)
<b>KVS035H8-B</b> Compressor Model 6HE-35	55 (12.8)		515.8 (151.2)	497.2 (145.7)	478.5 (140.2)	459.6 (134.7)	440.6 (129.1)	421.6 (123.6)
	50 (10)		473.6 (138.8)	456.2 (133.7)	438.8 (128.6)	421.3 (123.5)	403.6 (118.3)	385.9 (113.1)
	45 (7.2)		433.2 (127)	417.3 (122.3)	401.1 (117.6)	384.8 (112.8)	368.6 (108)	352.2 (103.2)
	40 (4.4)		395.0 (115.8)	380.2 (111.4)	365.4 (107.1)	350.5 (102.7)	335.4 (98.3)	320.3 (93.9)
	35 (1.7)		358.9 (105.2)	345.3 (101.2)	331.7 (97.2)	318.0 (93.2)	304.3 (89.2)	290.4 (85.1)
<b>KVS040H8-B</b> Compressor Model 6GE-40	55 (12.8)		604.4 (177.1)	583.2 (170.9)	561.8 (164.6)	540.3 (158.4)	518.7 (152)	496.9 (145.6)
	50 (10)		555.2 (162.7)	535.6 (157)	515.8 (151.2)	495.7 (145.3)	475.7 (139.4)	455.5 (133.5)
	45 (7.2)		508.4 (149)	490.2 (143.7)	471.9 (138.3)	453.5 (132.9)	434.9 (127.5)	416.2 (122)
	40 (4.4)		464.0 (136)	447.3 (131.1)	430.4 (126.1)	413.5 (121.2)	396.5 (116.2)	379.3 (111.1)
	35 (1.7)		422.0 (123.7)	406.8 (119.2)	391.3 (114.7)	375.9 (110.2)	360.3 (105.6)	344.6 (101)

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) <b>R407C</b> 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-B Compressor Model 4PES-15	30 (-1.1)		147.4 (43.2)	141.5 (41.5)	135.6 (39.7)	129.7 (38)	123.7 (36.2)	117.7 (34.5)
	25 (-3.9)		132.5 (38.8)	127.2 (37.3)	121.8 (35.7)	116.3 (34.1)	110.9 (32.5)	105.4 (30.9)
	20 (-6.7)		118.7 (34.8)	113.8 (33.4)	108.9 (31.9)	104.0 (30.5)	98.9 (29)	94.0 (27.5)
	15 (-9.4)		105.7 (31)	101.3 (29.7)	96.9 (28.4)	92.4 (27.1)	87.9 (25.8)	83.4 (24.4)
10 (-12.2)		93.8 (27.5)	89.8 (26.3)	85.8 (25.1)	81.7 (23.9)	77.7 (22.8)	73.6 (21.6)	
KVS020M8-B Compressor Model 4NES-20	30 (-1.1)		175.2 (51.4)	168.4 (49.4)	161.6 (47.4)	154.7 (45.3)	147.8 (43.3)	140.9 (41.3)
	25 (-3.9)		157.6 (46.2)	151.4 (44.4)	145.2 (42.6)	138.9 (40.7)	132.6 (38.9)	126.3 (37)
	20 (-6.7)		141.2 (41.4)	135.6 (39.7)	130.0 (38.1)	124.3 (36.4)	118.5 (34.7)	112.9 (33.1)
	15 (-9.4)		126.0 (36.9)	121.0 (35.4)	115.8 (33.9)	110.7 (32.4)	105.5 (30.9)	100.4 (29.4)
10 (-12.2)		111.9 (32.8)	107.3 (31.4)	102.7 (30.1)	98.1 (28.7)	93.5 (27.4)	88.8 (26)	
KVS025M8-B Compressor Model 4HE-25	30 (-1.1)		222.6 (65.2)	214.1 (62.7)	205.6 (60.3)	197.0 (57.7)	188.5 (55.2)	179.9 (52.7)
	25 (-3.9)		200.7 (58.8)	192.8 (56.5)	185.0 (54.2)	177.2 (51.9)	169.5 (49.7)	161.6 (47.4)
	20 (-6.7)		180.0 (52.7)	172.9 (50.7)	165.8 (48.6)	158.7 (46.5)	151.6 (44.4)	144.5 (42.3)
	15 (-9.4)		160.7 (47.1)	154.2 (45.2)	147.8 (43.3)	141.3 (41.4)	134.9 (39.5)	128.5 (37.7)
10 (-12.2)		142.7 (41.8)	136.9 (40.1)	131.0 (38.4)	125.2 (36.7)	119.4 (35)	113.6 (33.3)	
KVS030M8-B Compressor Model 4GE-30	30 (-1.1)		261.6 (76.7)	252.0 (73.9)	242.3 (71)	232.8 (68.2)	223.1 (65.4)	213.5 (62.6)
	25 (-3.9)		236.1 (69.2)	227.4 (66.7)	218.7 (64.1)	210.0 (61.5)	201.2 (59)	192.4 (56.4)
	20 (-6.7)		212.3 (62.2)	204.4 (59.9)	196.6 (57.6)	188.6 (55.3)	180.6 (52.9)	172.6 (50.6)
	15 (-9.4)		190.1 (55.7)	182.9 (53.6)	175.8 (51.5)	168.5 (49.4)	161.4 (47.3)	154.1 (45.2)
10 (-12.2)		169.4 (49.6)	162.9 (47.7)	156.3 (45.8)	149.8 (43.9)	143.3 (42)	136.8 (40.1)	
KVS035M8-B Compressor Model 6HE-35	30 (-1.1)		324.9 (95.2)	312.6 (91.6)	300.1 (87.9)	287.6 (84.3)	275.0 (80.6)	262.4 (76.9)
	25 (-3.9)		293.0 (85.9)	281.8 (82.6)	270.5 (79.3)	259.1 (75.9)	247.7 (72.6)	236.3 (69.2)
	20 (-6.7)		263.2 (77.1)	253.1 (74.2)	242.9 (71.2)	232.6 (68.2)	222.3 (65.1)	211.9 (62.1)
	15 (-9.4)		235.4 (69)	226.4 (66.3)	217.1 (63.6)	207.9 (60.9)	198.6 (58.2)	189.2 (55.5)
10 (-12.2)		209.7 (61.5)	201.5 (59.1)	193.2 (56.6)	184.8 (54.2)	176.5 (51.7)	168.1 (49.3)	
KVS040M8-B Compressor Model 6GE-40	30 (-1.1)		382.6 (112.1)	368.7 (108)	354.7 (103.9)	340.5 (99.8)	326.3 (95.6)	312.1 (91.5)
	25 (-3.9)		345.7 (101.3)	333.1 (97.6)	320.4 (93.9)	307.5 (90.1)	294.6 (86.3)	281.7 (82.6)
	20 (-6.7)		311.1 (91.2)	299.7 (87.8)	288.2 (84.5)	276.7 (81.1)	265.1 (77.7)	253.5 (74.3)
	15 (-9.4)		278.9 (81.7)	268.7 (78.7)	258.4 (75.7)	248.0 (72.7)	237.6 (69.6)	227.1 (66.6)
10 (-12.2)		249.0 (73)	239.8 (70.3)	230.6 (67.6)	221.3 (64.9)	212.0 (62.1)	202.7 (59.4)	
KVS050M8-B Compressor Model 6FE-50	30 (-1.1)		437.4 (128.2)	420.7 (123.3)	404.0 (118.4)	387.1 (113.5)	370.2 (108.5)	353.2 (103.5)
	25 (-3.9)		395.5 (115.9)	380.4 (111.5)	365.2 (107)	349.8 (102.5)	334.4 (98)	318.9 (93.5)
	20 (-6.7)		356.3 (104.4)	342.5 (100.4)	328.8 (96.3)	314.8 (92.3)	300.8 (88.2)	286.9 (84.1)
	15 (-9.4)		319.4 (93.6)	307.0 (90)	294.6 (86.3)	282.1 (82.7)	269.5 (79)	256.9 (75.3)
10 (-12.2)		285.1 (83.5)	273.9 (80.3)	262.8 (77)	251.6 (73.7)	240.2 (70.4)	229.0 (67.1)	

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) <b>R404A R507</b> 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-B Compressor 4PES-15	45 (7.2)		210.3 (61.6)	201.2 (59)	192.1 (56.3)	183.2 (53.7)	174.3 (51.1)	165.4 (48.5)
	40 (4.4)		193.1 (56.6)	184.6 (54.1)	176.2 (51.6)	167.8 (49.2)	159.5 (46.7)	151.2 (44.3)
	35 (1.7)		176.8 (51.8)	168.9 (49.5)	161.0 (47.2)	153.2 (44.9)	145.5 (42.6)	137.8 (40.4)
KVS020H8-B Compressor 4NES-20	45 (7.2)		251.7 (73.8)	241.1 (70.7)	230.6 (67.6)	220.1 (64.5)	209.7 (61.5)	199.4 (58.4)
	40 (4.4)		231.3 (67.8)	221.4 (64.9)	211.6 (62)	201.8 (59.1)	192.1 (56.3)	182.5 (53.5)
	35 (1.7)		211.8 (62.1)	202.7 (59.4)	193.5 (56.7)	184.5 (54.1)	175.4 (51.4)	166.5 (48.8)
KVS025H8-B Compressor 4HE-25	45 (7.2)		306.7 (89.9)	293.7 (86.1)	280.9 (82.3)	268.0 (78.5)	255.2 (74.8)	242.4 (71)
	40 (4.4)		283.6 (83.1)	271.6 (79.6)	259.5 (76.1)	247.5 (72.5)	235.5 (69)	223.5 (65.5)
	35 (1.7)		261.6 (76.7)	250.4 (73.4)	239.1 (70.1)	227.9 (66.8)	216.7 (63.5)	205.6 (60.3)
KVS030H8-B Compressor 4GE-30	45 (7.2)		351.3 (103)	336.3 (98.6)	321.3 (94.2)	306.3 (89.8)	291.4 (85.4)	276.4 (81)
	40 (4.4)		325.1 (95.3)	311.1 (91.2)	297.1 (87.1)	283.1 (83)	269.1 (78.9)	255.1 (74.8)
	35 (1.7)		300.0 (87.9)	287.0 (84.1)	273.9 (80.3)	260.9 (76.5)	247.9 (72.7)	234.9 (68.8)
KVS035H8-B Compressor 6HE-35	45 (7.2)		452.6 (132.6)	433.8 (127.1)	415.0 (121.6)	396.3 (116.1)	377.6 (110.7)	358.9 (105.2)
	40 (4.4)		418.4 (122.6)	400.8 (117.5)	383.2 (112.3)	365.7 (107.2)	348.2 (102)	330.7 (96.9)
	35 (1.7)		385.7 (113)	369.3 (108.2)	352.9 (103.4)	336.6 (98.6)	320.3 (93.9)	304.0 (89.1)
KVS040H8-B Compressor 6GE-40	45 (7.2)		514.4 (150.8)	492.4 (144.3)	470.4 (137.9)	448.4 (131.4)	426.5 (125)	404.6 (118.6)
	40 (4.4)		476.1 (139.5)	455.6 (133.5)	435.0 (127.5)	414.6 (121.5)	394.1 (115.5)	373.7 (109.5)
	35 (1.7)		439.4 (128.8)	420.3 (123.2)	401.2 (117.6)	382.2 (112)	363.2 (106.4)	344.2 (100.9)

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)		
KVS015M8-B Compressor Model 4PES-15	30 (-1.1)		161.3 (47.3)	154.0 (45.1)	146.7 (43)	139.4 (40.9)	132.3 (38.8)	125.1 (36.7)		
	25 (-3.9)		146.6 (43)	139.9 (41)	133.1 (39)	126.5 (37.1)	119.8 (35.1)	113.3 (33.2)		
	20 (-6.7)		132.8 (38.9)	126.6 (37.1)	120.4 (35.3)	114.3 (33.5)	108.2 (31.7)	102.1 (29.9)		
	15 (-9.4)		119.8 (35.1)	114.1 (33.4)	108.4 (31.8)	102.8 (30.1)	97.3 (28.5)	91.7 (26.9)		
	10 (-12.2)		107.6 (31.5)	102.4 (30)	97.2 (28.5)	92.1 (27)	87.1 (25.5)	82.0 (24)		
	5 (-15)		96.2 (28.2)	91.5 (26.8)	86.8 (25.4)	82.2 (24.1)	77.6 (22.7)	73.0 (21.4)		
0 (-17.8)		85.5 (25.1)	81.3 (23.8)	77.1 (22.6)	72.9 (21.4)	68.7 (20.1)	64.6 (18.9)			
KVS020M8-B Compressor Model 4NES-20	30 (-1.1)		193.4 (56.7)	184.9 (54.2)	176.5 (51.7)	168.1 (49.3)	159.8 (46.8)	151.5 (44.4)		
	25 (-3.9)		176.0 (51.6)	168.2 (49.3)	160.4 (47)	152.7 (44.8)	145.0 (42.5)	137.4 (40.3)		
	20 (-6.7)		159.6 (46.8)	152.4 (44.7)	145.3 (42.6)	138.2 (40.5)	131.2 (38.5)	124.2 (36.4)		
	15 (-9.4)		144.2 (42.3)	137.6 (40.3)	131.1 (38.4)	124.7 (36.5)	118.2 (34.6)	111.8 (32.8)		
	10 (-12.2)		129.7 (38)	123.8 (36.3)	117.9 (34.6)	112.0 (32.8)	106.1 (31.1)	100.3 (29.4)		
	5 (-15)		116.2 (34.1)	110.9 (32.5)	105.5 (30.9)	100.2 (29.4)	94.9 (27.8)	89.6 (26.3)		
0 (-17.8)		103.7 (30.4)	98.8 (29)	94.0 (27.5)	89.2 (26.1)	84.5 (24.8)	79.7 (23.4)			
KVS025M8-B Compressor Model 4HE-25	30 (-1.1)		240.5 (70.5)	230.1 (67.4)	219.7 (64.4)	209.3 (61.3)	198.9 (58.3)	188.5 (55.2)		
	25 (-3.9)		220.4 (64.6)	210.8 (61.8)	201.2 (59)	191.6 (56.2)	181.9 (53.3)	172.3 (50.5)		
	20 (-6.7)		201.3 (59)	192.5 (56.4)	183.6 (53.8)	174.8 (51.2)	165.9 (48.6)	157.1 (46)		
	15 (-9.4)		183.2 (53.7)	175.1 (51.3)	167.0 (48.9)	158.9 (46.6)	150.7 (44.2)	142.6 (41.8)		
	10 (-12.2)		166.0 (48.6)	158.6 (46.5)	151.2 (44.3)	143.8 (42.1)	136.4 (40)	129.0 (37.8)		
	5 (-15)		149.8 (43.9)	143.1 (41.9)	136.4 (40)	129.7 (38)	123.0 (36)	116.2 (34.1)		
0 (-17.8)		134.6 (39.4)	128.6 (37.7)	122.5 (35.9)	116.4 (34.1)	110.3 (32.3)	104.2 (30.5)			
KVS030M8-B Compressor Model 4GE-30	30 (-1.1)		276.0 (80.9)	263.9 (77.3)	251.8 (73.8)	239.8 (70.3)	227.7 (66.7)	215.6 (63.2)		
	25 (-3.9)		253.1 (74.2)	242.0 (70.9)	230.8 (67.6)	219.7 (64.4)	208.5 (61.1)	197.4 (57.9)		
	20 (-6.7)		231.3 (67.8)	221.1 (64.8)	210.8 (61.8)	200.6 (58.8)	190.3 (55.8)	180.1 (52.8)		
	15 (-9.4)		210.6 (61.7)	201.3 (59)	191.9 (56.2)	182.5 (53.5)	173.2 (50.8)	163.8 (48)		
	10 (-12.2)		191.0 (56)	182.5 (53.5)	174.0 (51)	165.5 (48.5)	156.9 (46)	148.4 (43.5)		
	5 (-15)		172.5 (50.6)	164.9 (48.3)	157.2 (46.1)	149.4 (43.8)	141.7 (41.5)	133.9 (39.2)		
0 (-17.8)		155.1 (45.5)	148.2 (43.4)	141.3 (41.4)	134.3 (39.4)	127.3 (37.3)	120.3 (35.3)			
KVS035M8-B Compressor Model 6HE-35	30 (-1.1)		354.5 (103.9)	339.3 (99.4)	324.1 (95)	308.9 (90.5)	293.7 (86.1)	278.6 (81.6)		
	25 (-3.9)		324.7 (95.2)	310.7 (91.1)	296.6 (86.9)	282.6 (82.8)	268.6 (78.7)	254.6 (74.6)		
	20 (-6.7)		296.5 (86.9)	283.6 (83.1)	270.6 (79.3)	257.7 (75.5)	244.8 (71.7)	231.9 (68)		
	15 (-9.4)		269.7 (79)	257.9 (75.6)	246.0 (72.1)	234.2 (68.6)	222.3 (65.1)	210.5 (61.7)		
	10 (-12.2)		244.4 (71.6)	233.6 (68.5)	222.8 (65.3)	212.0 (62.1)	201.2 (59)	190.3 (55.8)		
	5 (-15)		220.6 (64.7)	210.8 (61.8)	200.9 (58.9)	191.1 (56)	181.3 (53.1)	171.4 (50.2)		
0 (-17.8)		198.2 (58.1)	189.3 (55.5)	180.4 (52.9)	171.5 (50.3)	162.6 (47.7)	153.7 (45)			
KVS040M8-B Compressor Model 6GE-40	30 (-1.1)		404.3 (118.5)	386.6 (113.3)	369.0 (108.1)	351.3 (103)	333.7 (97.8)	316.1 (92.6)		
	25 (-3.9)		370.8 (108.7)	354.5 (103.9)	338.2 (99.1)	322.0 (94.4)	305.8 (89.6)	289.5 (84.8)		
	20 (-6.7)		338.9 (99.3)	324.0 (95)	309.0 (90.6)	294.1 (86.2)	279.2 (81.8)	264.3 (77.5)		
	15 (-9.4)		308.6 (90.4)	295.0 (86.5)	281.4 (82.5)	267.8 (78.5)	254.1 (74.5)	240.5 (70.5)		
	10 (-12.2)		279.9 (82)	267.6 (78.4)	255.2 (74.8)	242.8 (71.2)	230.4 (67.5)	218.0 (63.9)		
	5 (-15)		252.9 (74.1)	241.7 (70.8)	230.5 (67.6)	219.3 (64.3)	208.1 (61)	196.8 (57.7)		
0 (-17.8)		227.5 (66.7)	217.4 (63.7)	207.3 (60.8)	197.2 (57.8)	187.1 (54.8)	177.0 (51.9)			
KVS050M8-B Compressor Model 6FE-50	30 (-1.1)		470.9 (138)	450.0 (131.9)	429.0 (125.7)	408.0 (119.6)	387.1 (113.4)	366.1 (107.3)		
	25 (-3.9)		433.6 (127.1)	414.3 (121.4)	395.0 (115.8)	375.6 (110.1)	356.3 (104.4)	336.9 (98.7)		
	20 (-6.7)		397.9 (116.6)	380.1 (111.4)	362.4 (106.2)	344.6 (101)	326.9 (95.8)	309.1 (90.6)		
	15 (-9.4)		363.7 (106.6)	347.5 (101.8)	331.3 (97.1)	315.1 (92.3)	298.9 (87.6)	282.6 (82.8)		
	10 (-12.2)		331.2 (97.1)	316.5 (92.8)	301.7 (88.4)	287.0 (84.1)	272.2 (79.8)	257.4 (75.4)		
	5 (-15)		300.2 (88)	287.0 (84.1)	273.6 (80.2)	260.3 (76.3)	246.9 (72.4)	233.4 (68.4)		
0 (-17.8)		271.0 (79.4)	259.0 (75.9)	247.0 (72.4)	235.0 (68.9)	222.8 (65.3)	210.7 (61.7)			

**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)	
KVS012L6-B Compressor Model 4NES-14	0 (-17.8)		93.5 (27.4)	89.0 (26.1)	84.4 (24.7)	79.9 (23.4)	75.3 (22.1)	70.8 (20.7)						
	-5 (-20.6)		83.7 (24.5)	79.6 (23.3)	75.5 (22.1)	71.3 (20.9)	67.2 (19.7)	63.1 (18.5)						
	-10 (-23.3)		74.5 (21.8)	70.8 (20.7)	67.0 (19.6)	63.3 (18.6)	59.6 (17.5)	55.9 (16.4)						
	-15 (-26.1)		65.9 (19.3)	62.5 (18.3)	59.2 (17.3)	55.8 (16.4)	52.5 (15.4)	49.2 (14.4)						
	-20 (-28.9)		57.9 (17)	54.9 (16.1)	51.9 (15.2)	48.9 (14.3)	45.9 (13.5)	42.9 (12.6)						
	-25 (-31.7)		50.4 (14.8)	47.8 (14)	45.1 (13.2)	42.4 (12.4)	39.7 (11.6)	37.0 (10.8)						
	-30 (-34.4)		43.6 (12.8)	41.2 (12.1)	38.8 (11.4)	36.4 (10.7)	34.0 (10)	31.6 (9.3)						
	-35 (-37.2)		37.3 (10.9)	35.1 (10.3)	33.0 (9.7)	30.8 (9)	28.7 (8.4)	26.5 (7.8)						
-40 (-40)		31.5 (9.2)	29.5 (8.6)	27.6 (8.1)	25.7 (7.5)	23.7 (6.9)	21.8 (6.4)							
KVS015L6-B Compressor Model 4HE-18	0 (-17.8)		124.9 (36.6)	119.2 (34.9)	113.5 (33.3)	107.8 (31.6)	102.1 (29.9)	96.4 (28.3)						
	-5 (-20.6)		112.7 (33)	107.5 (31.5)	102.3 (30)	97.1 (28.5)	92.0 (27)	86.8 (25.4)						
	-10 (-23.3)		101.2 (29.7)	96.5 (28.3)	91.8 (26.9)	87.1 (25.5)	82.4 (24.1)	77.7 (22.8)						
	-15 (-26.1)		90.2 (26.4)	86.0 (25.2)	81.8 (24)	77.6 (22.7)	73.3 (21.5)	69.2 (20.3)						
	-20 (-28.9)		80.0 (23.4)	76.2 (22.3)	72.4 (21.2)	68.6 (20.1)	64.8 (19)	61.1 (17.9)						
	-25 (-31.7)		70.3 (20.6)	66.9 (19.6)	63.5 (18.6)	60.1 (17.6)	56.8 (16.6)	53.4 (15.6)						
	-30 (-34.4)		61.2 (17.9)	58.2 (17.1)	55.2 (16.2)	52.2 (15.3)	49.2 (14.4)	46.2 (13.5)						
	-35 (-37.2)		52.8 (15.5)	50.1 (14.7)	47.4 (13.9)	44.7 (13.1)	42.0 (12.3)	39.4 (11.5)						
-40 (-40)		44.9 (13.2)	42.5 (12.5)	40.1 (11.8)	37.7 (11)	35.3 (10.3)	32.9 (9.6)							
KVS020L6-B Compressor Model 4GE-23	0 (-17.8)		150.1 (44)	143.4 (42)	136.7 (40.1)	130.0 (38.1)	123.3 (36.1)	116.7 (34.2)						
	-5 (-20.6)		135.4 (39.7)	129.3 (37.9)	123.3 (36.1)	117.2 (34.3)	111.2 (32.6)	105.2 (30.8)						
	-10 (-23.3)		121.5 (35.6)	116.0 (34)	110.6 (32.4)	105.2 (30.8)	99.7 (29.2)	94.3 (27.6)						
	-15 (-26.1)		108.4 (31.8)	103.5 (30.3)	98.7 (28.9)	93.8 (27.5)	89.0 (26.1)	84.1 (24.6)						
	-20 (-28.9)		96.1 (28.2)	91.8 (26.9)	87.4 (25.6)	83.1 (24.4)	78.8 (23.1)	74.5 (21.8)						
	-25 (-31.7)		84.6 (24.8)	80.8 (23.7)	76.9 (22.5)	73.1 (21.4)	69.3 (20.3)	65.4 (19.2)						
	-30 (-34.4)		73.9 (21.7)	70.5 (20.7)	67.1 (19.7)	63.7 (18.7)	60.3 (17.7)	56.9 (16.7)						
	-35 (-37.2)		63.9 (18.7)	60.9 (17.8)	57.9 (17)	54.9 (16.1)	51.9 (15.2)	48.9 (14.3)						
-40 (-40)		54.6 (16)	52.0 (15.2)	49.3 (14.4)	46.6 (13.7)	44.0 (12.9)	41.4 (12.1)							
KVS025L6-B Compressor Model 6HE-28	0 (-17.8)		189.3 (55.5)	180.8 (53)	172.2 (50.5)	163.7 (48)	155.2 (45.5)	146.8 (43)						
	-5 (-20.6)		170.4 (49.9)	162.7 (47.7)	154.9 (45.4)	147.2 (43.1)	139.5 (40.9)	131.8 (38.6)						
	-10 (-23.3)		152.6 (44.7)	145.6 (42.7)	138.6 (40.6)	131.7 (38.6)	124.7 (36.5)	117.7 (34.5)						
	-15 (-26.1)		135.9 (39.8)	129.6 (38)	123.3 (36.1)	117.0 (34.3)	110.7 (32.4)	104.5 (30.6)						
	-20 (-28.9)		120.3 (35.3)	114.6 (33.6)	108.9 (31.9)	103.3 (30.3)	97.6 (28.6)	92.0 (27)						
	-25 (-31.7)		105.6 (30.9)	100.6 (29.5)	95.5 (28)	90.4 (26.5)	85.4 (25)	80.3 (23.5)						
	-30 (-34.4)		92.0 (27)	87.5 (25.6)	82.9 (24.3)	78.4 (23)	73.9 (21.7)	69.3 (20.3)						
	-35 (-37.2)		79.3 (23.2)	75.3 (22.1)	71.2 (20.9)	67.1 (19.7)	63.1 (18.5)	59.0 (17.3)						
-40 (-40)		67.6 (19.8)	63.9 (18.7)	60.3 (17.7)	56.6 (16.6)	53.0 (15.5)	49.3 (14.4)							
KVS030L6-B Compressor Model 6GE-34	0 (-17.8)		215.9 (63.3)	206.4 (60.5)	197.0 (57.7)	187.5 (55)	178.0 (52.2)	168.4 (49.4)						
	-5 (-20.6)		195.7 (57.4)	187.2 (54.9)	178.6 (52.3)	170.0 (49.8)	161.4 (47.3)	152.7 (44.8)						
	-10 (-23.3)		176.5 (51.7)	168.8 (49.5)	161.1 (47.2)	153.4 (45)	145.6 (42.7)	137.8 (40.4)						
	-15 (-26.1)		158.3 (46.4)	151.4 (44.4)	144.6 (42.4)	137.6 (40.3)	130.7 (38.3)	123.7 (36.3)						
	-20 (-28.9)		141.1 (41.4)	135.0 (39.6)	128.9 (37.8)	122.7 (36)	116.5 (34.1)	110.2 (32.3)						
	-25 (-31.7)		125.0 (36.6)	119.5 (35)	114.1 (33.4)	108.6 (31.8)	103.0 (30.2)	97.4 (28.5)						
	-30 (-34.4)		109.8 (32.2)	105.0 (30.8)	100.2 (29.4)	95.3 (27.9)	90.3 (26.5)	85.3 (25)						
	-35 (-37.2)		95.7 (28)	91.4 (26.8)	87.1 (25.5)	82.7 (24.2)	78.3 (22.9)	73.8 (21.6)						
-40 (-40)		82.5 (24.2)	78.7 (23.1)	74.8 (21.9)	70.9 (20.8)	66.9 (19.6)	62.9 (18.4)							
KVS040L6-B Compressor Model 6FE-44	0 (-17.8)		256.4 (75.1)	245.0 (71.8)	233.6 (68.5)	222.1 (65.1)	210.7 (61.7)	199.2 (58.4)						
	-5 (-20.6)		232.4 (68.1)	222.0 (65.1)	211.7 (62)	201.3 (59)	190.9 (55.9)	180.5 (52.9)						
	-10 (-23.3)		209.4 (61.4)	200.1 (58.6)	190.8 (55.9)	181.4 (53.2)	172.0 (50.4)	162.6 (47.7)						
	-15 (-26.1)		187.6 (55)	179.3 (52.5)	170.9 (50.1)	162.4 (47.6)	154.0 (45.1)	145.5 (42.6)						
	-20 (-28.9)		167.0 (48.9)	159.5 (46.7)	152.0 (44.5)	144.4 (42.3)	136.8 (40.1)	129.1 (37.8)						
	-25 (-31.7)		147.6 (43.3)	140.9 (41.3)	134.1 (39.3)	127.3 (37.3)	120.4 (35.3)	113.5 (33.3)						
	-30 (-34.4)		129.3 (37.9)	123.3 (36.1)	117.2 (34.3)	111.1 (32.6)	104.9 (30.7)	98.7 (28.9)						
	-35 (-37.2)		112.2 (32.9)	106.8 (31.3)	101.3 (29.7)	95.7 (28)	90.1 (26.4)	84.5 (24.8)						
-40 (-40)		96.2 (28.2)	91.3 (26.8)	86.2 (25.3)	81.2 (23.8)	76.1 (22.3)	70.9 (20.8)							

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

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) <b>R404A</b> <b>R507</b> AMBIENT TEMPERATURE °F (°C)							
	° F	° C	85	90	95	100	105	110		
			(29.4)	(32.2)	(35)	(37.8)	(40.6)	(43.3)		
KVS012D6-B Compressor Model 4NES-14	0	(-17.8)	91.4 (26.8)	86.9 (25.5)	82.4 (24.1)	77.9 (22.8)	73.5 (21.5)	69.0 (20.2)		
	-5	(-20.6)	82.0 (24)	77.9 (22.8)	73.8 (21.6)	69.7 (20.4)	65.7 (19.3)	61.6 (18.1)		
	-10	(-23.3)	73.1 (21.4)	69.4 (20.3)	65.7 (19.3)	62.0 (18.2)	58.4 (17.1)	54.7 (16)		
	-15	(-26.1)	64.7 (19)	61.4 (18)	58.1 (17)	54.8 (16.1)	51.5 (15.1)	48.2 (14.1)		
	-20	(-28.9)	56.9 (16.7)	54.0 (15.8)	51.0 (14.9)	48.0 (14.1)	45.1 (13.2)	42.1 (12.3)		
	-25	(-31.7)	49.7 (14.6)	47.0 (13.8)	44.4 (13)	41.7 (12.2)	39.1 (11.5)	36.4 (10.7)		
	-30	(-34.4)	43.0 (12.6)	40.6 (11.9)	38.2 (11.2)	35.9 (10.5)	33.5 (9.8)	31.1 (9.1)		
	-35	(-37.2)	36.8 (10.8)	34.7 (10.2)	32.5 (9.5)	30.4 (8.9)	28.3 (8.3)	26.2 (7.7)		
	-40	(-40)	31.1 (9.1)	29.2 (8.6)	27.3 (8)	25.3 (7.4)	23.4 (6.9)	21.6 (6.3)		
KVS015D6-B Compressor Model 4HE-18	0	(-17.8)	121.0 (35.5)	115.4 (33.8)	109.8 (32.2)	104.2 (30.5)	98.7 (28.9)	93.1 (27.3)		
	-5	(-20.6)	109.5 (32.1)	104.4 (30.6)	99.3 (29.1)	94.2 (27.6)	89.1 (26.1)	84.1 (24.6)		
	-10	(-23.3)	98.5 (28.9)	93.9 (27.5)	89.3 (26.2)	84.7 (24.8)	80.1 (23.5)	75.5 (22.1)		
	-15	(-26.1)	88.1 (25.8)	83.9 (24.6)	79.7 (23.4)	75.6 (22.2)	71.4 (20.9)	67.3 (19.7)		
	-20	(-28.9)	78.2 (22.9)	74.5 (21.8)	70.7 (20.7)	67.0 (19.6)	63.3 (18.6)	59.6 (17.5)		
	-25	(-31.7)	68.9 (20.2)	65.5 (19.2)	62.2 (18.2)	58.9 (17.3)	55.5 (16.3)	52.2 (15.3)		
	-30	(-34.4)	60.1 (17.6)	57.1 (16.7)	54.1 (15.9)	51.2 (15)	48.2 (14.1)	45.3 (13.3)		
	-35	(-37.2)	51.9 (15.2)	49.3 (14.4)	46.6 (13.7)	43.9 (12.9)	41.3 (12.1)	38.7 (11.3)		
	-40	(-40)	44.3 (13)	41.9 (12.3)	39.5 (11.6)	37.1 (10.9)	34.7 (10.2)	32.4 (9.5)		
KVS020D6-B Compressor Model 4GE-23	0	(-17.8)	147.2 (43.1)	140.6 (41.2)	134.0 (39.3)	127.4 (37.3)	120.8 (35.4)	114.2 (33.5)		
	-5	(-20.6)	133.0 (39)	127.0 (37.2)	121.1 (35.5)	115.1 (33.7)	109.1 (32)	103.1 (30.2)		
	-10	(-23.3)	119.5 (35)	114.2 (33.5)	108.8 (31.9)	103.4 (30.3)	98.0 (28.7)	92.7 (27.2)		
	-15	(-26.1)	106.8 (31.3)	102.0 (29.9)	97.2 (28.5)	92.4 (27.1)	87.6 (25.7)	82.8 (24.3)		
	-20	(-28.9)	94.8 (27.8)	90.6 (26.6)	86.3 (25.3)	82.0 (24)	77.7 (22.8)	73.4 (21.5)		
	-25	(-31.7)	83.6 (24.5)	79.8 (23.4)	76.0 (22.3)	72.2 (21.2)	68.4 (20)	64.6 (18.9)		
	-30	(-34.4)	73.1 (21.4)	69.7 (20.4)	66.3 (19.4)	63.0 (18.5)	59.6 (17.5)	56.3 (16.5)		
	-35	(-37.2)	63.3 (18.6)	60.3 (17.7)	57.3 (16.8)	54.3 (15.9)	51.4 (15.1)	48.4 (14.2)		
	-40	(-40)	54.2 (15.9)	51.5 (15.1)	48.9 (14.3)	46.2 (13.5)	43.6 (12.8)	41.0 (12)		
KVS025D6-B Compressor Model 6HE-28	0	(-17.8)	185.2 (54.3)	176.8 (51.8)	168.4 (49.4)	160.0 (46.9)	151.7 (44.5)	143.3 (42)		
	-5	(-20.6)	167.1 (49)	159.4 (46.7)	151.8 (44.5)	144.2 (42.3)	136.5 (40)	128.9 (37.8)		
	-10	(-23.3)	149.9 (43.9)	143.0 (41.9)	136.1 (39.9)	129.1 (37.8)	122.2 (35.8)	115.4 (33.8)		
	-15	(-26.1)	133.7 (39.2)	127.5 (37.4)	121.2 (35.5)	115.0 (33.7)	108.8 (31.9)	102.5 (30)		
	-20	(-28.9)	118.5 (34.7)	112.8 (33.1)	107.2 (31.4)	101.6 (29.8)	96.1 (28.2)	90.5 (26.5)		
	-25	(-31.7)	104.2 (30.5)	99.2 (29.1)	94.1 (27.6)	89.1 (26.1)	84.1 (24.6)	79.1 (23.2)		
	-30	(-34.4)	90.8 (26.6)	86.3 (25.3)	81.8 (24)	77.3 (22.7)	72.9 (21.4)	68.4 (20)		
	-35	(-37.2)	78.4 (23)	74.4 (21.8)	70.3 (20.6)	66.3 (19.4)	62.3 (18.3)	58.3 (17.1)		
	-40	(-40)	66.9 (19.6)	63.2 (18.5)	59.6 (17.5)	56.0 (16.4)	52.4 (15.4)	48.7 (14.3)		
KVS030D6-B Compressor Model 6GE-34	0	(-17.8)	210.7 (61.7)	201.3 (59)	192.0 (56.3)	182.6 (53.5)	173.2 (50.8)	163.7 (48)		
	-5	(-20.6)	191.4 (56.1)	182.9 (53.6)	174.5 (51.1)	166.0 (48.6)	157.4 (46.1)	148.9 (43.6)		
	-10	(-23.3)	172.9 (50.7)	165.3 (48.4)	157.7 (46.2)	150.1 (44)	142.4 (41.7)	134.6 (39.4)		
	-15	(-26.1)	155.4 (45.5)	148.6 (43.6)	141.8 (41.6)	134.9 (39.5)	128.0 (37.5)	121.1 (35.5)		
	-20	(-28.9)	138.8 (40.7)	132.7 (38.9)	126.6 (37.1)	120.5 (35.3)	114.3 (33.5)	108.1 (31.7)		
	-25	(-31.7)	123.1 (36.1)	117.7 (34.5)	112.3 (32.9)	106.8 (31.3)	101.3 (29.7)	95.7 (28)		
	-30	(-34.4)	108.4 (31.8)	103.6 (30.4)	98.7 (28.9)	93.9 (27.5)	89.0 (26.1)	84.0 (24.6)		
	-35	(-37.2)	94.5 (27.7)	90.2 (26.4)	85.9 (25.2)	81.6 (23.9)	77.2 (22.6)	72.8 (21.3)		
	-40	(-40)	81.6 (23.9)	77.8 (22.8)	73.9 (21.7)	70.0 (20.5)	66.1 (19.4)	62.0 (18.2)		

# CAPACITY DATA - R404A R507 EXTENDED 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)
KVS008V6-B Compressor Model S4N-8.2	-25	(-31.7)	39.1	(11.5)	38.6	(11.3)	38.0	(11.1)	37.5	(11)	36.9	(10.8)	36.3	(10.6)
	-30	(-34.4)	34.9	(10.2)	34.4	(10.1)	33.9	(9.9)	33.4	(9.8)	32.8	(9.6)	32.3	(9.5)
	-35	(-37.2)	31.0	(9.1)	30.5	(8.9)	30.1	(8.8)	29.6	(8.7)	29.1	(8.5)	28.5	(8.4)
	-40	(-40)	27.4	(8)	27.0	(7.9)	26.6	(7.8)	26.1	(7.6)	25.6	(7.5)	25.1	(7.4)
	-45	(-42.8)	24.2	(7.1)	23.8	(7)	23.4	(6.9)	23.0	(6.7)	22.5	(6.6)	22.0	(6.4)
	-50	(-45.6)	21.2	(6.2)	20.9	(6.1)	20.5	(6)	20.1	(5.9)	19.7	(5.8)	19.2	(5.6)
	-55	(-48.3)	18.5	(5.4)	18.2	(5.3)	17.8	(5.2)	17.5	(5.1)	17.1	(5)	16.7	(4.9)
-60	(-51.1)	16.0	(4.7)	15.7	(4.6)	15.4	(4.5)	15.1	(4.4)	14.8	(4.3)	14.4	(4.2)	
KVS012V6-B Compressor Model S4G-12.2	-25	(-31.7)	60.7	(17.8)	59.8	(17.5)	58.9	(17.3)	57.9	(17)	56.9	(16.7)	55.9	(16.4)
	-30	(-34.4)	54.9	(16.1)	54.0	(15.8)	53.1	(15.6)	52.2	(15.3)	51.2	(15)	50.1	(14.7)
	-35	(-37.2)	49.3	(14.4)	48.5	(14.2)	47.6	(14)	46.7	(13.7)	45.8	(13.4)	44.8	(13.1)
	-40	(-40)	44.1	(12.9)	43.3	(12.7)	42.5	(12.5)	41.6	(12.2)	40.7	(11.9)	39.8	(11.7)
	-45	(-42.8)	39.1	(11.5)	38.4	(11.3)	37.6	(11)	36.8	(10.8)	36.0	(10.6)	35.1	(10.3)
	-50	(-45.6)	34.5	(10.1)	33.9	(9.9)	33.1	(9.7)	32.4	(9.5)	31.6	(9.3)	30.9	(9.1)
	-55	(-48.3)	30.2	(8.9)	29.6	(8.7)	29.0	(8.5)	28.3	(8.3)	27.6	(8.1)	27.0	(7.9)
-60	(-51.1)	26.2	(7.7)	25.7	(7.5)	25.1	(7.4)	24.5	(7.2)	24.0	(7)	23.4	(6.9)	
KVS016V6-B Compressor Model S6J-16.2	-25	(-31.7)	84.1	(24.6)	82.8	(24.3)	81.5	(23.9)	80.2	(23.5)	78.9	(23.1)	77.7	(22.8)
	-30	(-34.4)	76.1	(22.3)	74.8	(21.9)	73.6	(21.6)	72.3	(21.2)	71.0	(20.8)	69.8	(20.5)
	-35	(-37.2)	68.5	(20.1)	67.3	(19.7)	66.1	(19.4)	64.9	(19)	63.7	(18.7)	62.4	(18.3)
	-40	(-40)	61.4	(18)	60.3	(17.7)	59.1	(17.3)	58.0	(17)	56.8	(16.6)	55.6	(16.3)
	-45	(-42.8)	54.7	(16)	53.7	(15.7)	52.6	(15.4)	51.5	(15.1)	50.4	(14.8)	49.3	(14.4)
	-50	(-45.6)	48.5	(14.2)	47.5	(13.9)	46.5	(13.6)	45.5	(13.3)	44.5	(13)	43.5	(12.7)
	-55	(-48.3)	42.7	(12.5)	41.8	(12.3)	40.9	(12)	40.0	(11.7)	39.0	(11.4)	38.1	(11.2)
-60	(-51.1)	37.3	(10.9)	36.5	(10.7)	35.7	(10.5)	34.9	(10.2)	34.1	(10)	33.2	(9.7)	
KVS020V6-B Compressor Model S6H-20.2	-25	(-31.7)	98.8	(29)	97.4	(28.5)	95.9	(28.1)	94.4	(27.7)	92.8	(27.2)	91.2	(26.7)
	-30	(-34.4)	89.5	(26.2)	88.1	(25.8)	86.6	(25.4)	85.1	(24.9)	83.6	(24.5)	82.0	(24)
	-35	(-37.2)	80.6	(23.6)	79.3	(23.2)	77.8	(22.8)	76.4	(22.4)	74.9	(22)	73.4	(21.5)
	-40	(-40)	72.2	(21.2)	70.9	(20.8)	69.6	(20.4)	68.2	(20)	66.8	(19.6)	65.4	(19.2)
	-45	(-42.8)	64.3	(18.8)	63.1	(18.5)	61.9	(18.1)	60.6	(17.8)	59.3	(17.4)	57.9	(17)
	-50	(-45.6)	56.9	(16.7)	55.8	(16.4)	54.7	(16)	53.5	(15.7)	52.3	(15.3)	51.1	(15)
	-55	(-48.3)	50.0	(14.7)	49.0	(14.4)	48.0	(14.1)	46.9	(13.7)	45.8	(13.4)	44.7	(13.1)
-60	(-51.1)	43.7	(12.8)	42.8	(12.5)	41.8	(12.3)	40.9	(12)	39.9	(11.7)	39.0	(11.4)	
KVS025V6-B Compressor Model S6G-25.2	-25	(-31.7)	112.2	(32.9)	110.6	(32.4)	108.9	(31.9)	107.1	(31.4)	105.2	(30.8)	103.4	(30.3)
	-30	(-34.4)	101.6	(29.8)	100.0	(29.3)	98.4	(28.8)	96.6	(28.3)	94.8	(27.8)	93.0	(27.3)
	-35	(-37.2)	91.6	(26.8)	90.1	(26.4)	88.5	(25.9)	86.8	(25.4)	85.1	(24.9)	83.3	(24.4)
	-40	(-40)	82.1	(24.1)	80.7	(23.7)	79.1	(23.2)	77.5	(22.7)	75.9	(22.2)	74.3	(21.8)
	-45	(-42.8)	73.2	(21.5)	71.9	(21.1)	70.4	(20.6)	68.9	(20.2)	67.4	(19.8)	65.9	(19.3)
	-50	(-45.6)	64.9	(19)	63.6	(18.6)	62.3	(18.3)	60.9	(17.8)	59.5	(17.4)	58.1	(17)
	-55	(-48.3)	57.1	(16.7)	55.9	(16.4)	54.7	(16)	53.4	(15.6)	52.2	(15.3)	50.9	(14.9)
-60	(-51.1)	49.8	(14.6)	48.8	(14.3)	47.7	(14)	46.6	(13.7)	45.5	(13.3)	44.4	(13)	
KVS030V6-B Compressor Model S6F-30.2	-25	(-31.7)	133.3	(39.1)	131.1	(38.4)	128.9	(37.8)	126.6	(37.1)	124.3	(36.4)	122.0	(35.8)
	-30	(-34.4)	120.7	(35.4)	118.7	(34.8)	116.5	(34.1)	114.3	(33.5)	112.1	(32.9)	109.8	(32.2)
	-35	(-37.2)	108.8	(31.9)	106.9	(31.3)	104.8	(30.7)	102.7	(30.1)	100.6	(29.5)	98.5	(28.9)
	-40	(-40)	97.6	(28.6)	95.7	(28)	93.8	(27.5)	91.8	(26.9)	89.8	(26.3)	87.8	(25.7)
	-45	(-42.8)	87.0	(25.5)	85.3	(25)	83.5	(24.5)	81.7	(23.9)	79.8	(23.4)	78.0	(22.9)
	-50	(-45.6)	77.1	(22.6)	75.5	(22.1)	73.9	(21.7)	72.2	(21.2)	70.5	(20.7)	68.9	(20.2)
	-55	(-48.3)	67.9	(19.9)	66.5	(19.5)	65.0	(19)	63.5	(18.6)	62.0	(18.2)	60.5	(17.7)
-60	(-51.1)	59.3	(17.4)	58.1	(17)	56.8	(16.6)	55.4	(16.2)	54.1	(15.9)	52.8	(15.5)	

**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)		
<b>KVD030H8-B</b> Compressor 4PES-15	45 (7.2)	408.7 (119.8)	392.7 (115.1)	376.7 (110.4)	360.8 (105.7)	344.8 (101.1)	328.9 (96.4)		
	40 (4.4)	371.9 (109)	357.2 (104.7)	342.3 (100.3)	327.6 (96)	312.7 (91.6)	298.0 (87.3)		
	35 (1.7)	337.5 (98.9)	323.8 (94.9)	310.0 (90.8)	296.3 (86.8)	282.7 (82.8)	269.2 (78.9)		
<b>KVD040H8-B</b> Compressor 4NES-20	45 (7.2)	485.9 (142.4)	467.5 (137)	449.0 (131.6)	430.5 (126.2)	411.8 (120.7)	393.3 (115.3)		
	40 (4.4)	442.5 (129.7)	425.3 (124.6)	408.0 (119.6)	391.0 (114.6)	373.8 (109.5)	356.6 (104.5)		
	35 (1.7)	401.3 (117.6)	385.6 (113)	369.8 (108.4)	353.9 (103.7)	338.1 (99.1)	322.4 (94.5)		
<b>KVD050H8-B</b> Compressor 4HE-25	45 (7.2)	591.2 (173.2)	568.3 (166.5)	545.4 (159.8)	522.5 (153.1)	499.6 (146.4)	476.9 (139.8)		
	40 (4.4)	540.3 (158.4)	518.9 (152.1)	497.5 (145.8)	476.1 (139.5)	454.9 (133.3)	433.7 (127.1)		
	35 (1.7)	491.8 (144.1)	472.1 (138.4)	452.1 (132.5)	432.4 (126.7)	412.7 (120.9)	392.9 (115.2)		
<b>KVD060H8-B</b> Compressor 4GE-30	45 (7.2)	689.6 (202.1)	663.8 (194.5)	637.8 (186.9)	611.9 (179.3)	586.1 (171.8)	560.3 (164.2)		
	40 (4.4)	631.3 (185)	606.9 (177.9)	582.8 (170.8)	558.6 (163.7)	534.7 (156.7)	510.5 (149.6)		
	35 (1.7)	575.6 (168.7)	553.1 (162.1)	530.7 (155.5)	508.2 (148.9)	485.9 (142.4)	463.7 (135.9)		
<b>KVD070H8-B</b> Compressor 6HE-35	45 (7.2)	898.2 (263.2)	863.9 (253.2)	829.9 (243.2)	795.9 (233.3)	762.1 (223.3)	728.3 (213.4)		
	40 (4.4)	821.7 (240.8)	790.0 (231.5)	758.1 (222.2)	726.6 (212.9)	694.9 (203.7)	663.4 (194.4)		
	35 (1.7)	749.3 (219.6)	719.7 (210.9)	690.3 (202.3)	660.9 (193.7)	631.5 (185.1)	602.3 (176.5)		
<b>KVD080H8-B</b> Compressor 6GE-40	45 (7.2)	1038.0 (304.2)	999.0 (292.8)	959.9 (281.3)	920.9 (269.9)	882.0 (258.5)	843.4 (247.2)		
	40 (4.4)	949.6 (278.3)	913.1 (267.6)	876.8 (256.9)	840.4 (246.3)	804.3 (235.7)	768.2 (225.1)		
	35 (1.7)	865.6 (253.7)	831.8 (243.8)	798.2 (233.9)	764.4 (224)	730.8 (214.2)	697.4 (204.4)		

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-B Compressor Model 4PES-15	30 (-1.1)		304.9 (89.4)	292.3 (85.7)	279.7 (82)	267.3 (78.3)	254.7 (74.7)	242.1 (71)
	25 (-3.9)		274.7 (80.5)	263.1 (77.1)	251.6 (73.7)	240.0 (70.3)	228.5 (67)	217.1 (63.6)
	20 (-6.7)		246.3 (72.2)	235.6 (69.1)	225.1 (66)	214.6 (62.9)	204.1 (59.8)	193.6 (56.7)
	15 (-9.4)		219.9 (64.4)	210.2 (61.6)	200.8 (58.8)	191.1 (56)	181.7 (53.2)	172.0 (50.4)
	10 (-12.2)		195.5 (57.3)	186.7 (54.7)	178.1 (52.2)	169.5 (49.7)	160.7 (47.1)	152.0 (44.6)
	5 (-15)		172.8 (50.7)	164.9 (48.3)	157.1 (46)	149.3 (43.8)	141.3 (41.4)	133.6 (39.1)
0 (-17.8)		151.8 (44.5)	144.9 (42.5)	137.8 (40.4)	130.6 (38.3)	123.7 (36.2)	116.6 (34.2)	
KVD040M8-B Compressor Model 4NES-20	30 (-1.1)		362.9 (106.3)	348.4 (102.1)	333.9 (97.9)	319.4 (93.6)	304.7 (89.3)	290.2 (85.1)
	25 (-3.9)		327.0 (95.8)	313.7 (91.9)	300.3 (88)	287.1 (84.1)	273.8 (80.3)	260.6 (76.4)
	20 (-6.7)		293.4 (86)	281.4 (82.5)	269.2 (78.9)	257.0 (75.3)	244.9 (71.8)	232.9 (68.3)
	15 (-9.4)		262.3 (76.9)	251.4 (73.7)	240.2 (70.4)	229.3 (67.2)	218.2 (63.9)	207.3 (60.7)
	10 (-12.2)		233.5 (68.4)	223.4 (65.5)	213.6 (62.6)	203.5 (59.6)	193.6 (56.7)	183.5 (53.8)
	5 (-15)		206.9 (60.6)	197.8 (58)	188.8 (55.3)	179.8 (52.7)	170.7 (50)	161.7 (47.4)
0 (-17.8)		182.1 (53.4)	174.1 (51)	165.9 (48.6)	157.9 (46.3)	149.7 (43.9)	141.8 (41.5)	
KVD050M8-B Compressor Model 4HE-25	30 (-1.1)		446.3 (130.8)	427.8 (125.4)	409.3 (120)	391.0 (114.6)	372.8 (109.2)	354.5 (103.9)
	25 (-3.9)		403.0 (118.1)	386.2 (113.2)	369.2 (108.2)	352.2 (103.2)	335.4 (98.3)	318.8 (93.4)
	20 (-6.7)		362.7 (106.3)	346.9 (101.7)	331.4 (97.1)	316.1 (92.6)	300.5 (88.1)	285.2 (83.6)
	15 (-9.4)		324.7 (95.1)	310.4 (91)	296.3 (86.8)	282.0 (82.7)	268.0 (78.5)	253.9 (74.4)
	10 (-12.2)		289.4 (84.8)	276.4 (81)	263.3 (77.2)	250.5 (73.4)	237.7 (69.7)	224.9 (65.9)
	5 (-15)		256.4 (75.1)	244.7 (71.7)	232.9 (68.3)	221.1 (64.8)	209.4 (61.4)	197.8 (58)
0 (-17.8)		225.8 (66.2)	215.0 (63)	204.3 (59.9)	193.8 (56.8)	183.3 (53.7)	172.8 (50.7)	
KVD060M8-B Compressor Model 4GE-30	30 (-1.1)		522.9 (153.2)	502.1 (147.2)	481.3 (141.1)	460.7 (135)	440.2 (129)	419.6 (123)
	25 (-3.9)		473.3 (138.7)	454.2 (133.1)	435.1 (127.5)	416.0 (121.9)	397.1 (116.4)	378.2 (110.8)
	20 (-6.7)		426.7 (125.1)	409.3 (120)	391.7 (114.8)	374.2 (109.7)	357.0 (104.6)	339.6 (99.5)
	15 (-9.4)		383.0 (112.3)	367.1 (107.6)	351.1 (102.9)	335.2 (98.2)	319.4 (93.6)	303.7 (89)
	10 (-12.2)		342.3 (100.3)	327.8 (96.1)	313.3 (91.8)	298.8 (87.6)	284.3 (83.3)	270.1 (79.1)
	5 (-15)		304.3 (89.2)	291.1 (85.3)	278.0 (81.5)	264.8 (77.6)	251.8 (73.8)	239.0 (70)
0 (-17.8)		269.0 (78.8)	257.0 (75.3)	245.1 (71.8)	233.3 (68.4)	221.6 (64.9)	209.8 (61.5)	
KVD070M8-B Compressor Model 6HE-35	30 (-1.1)		680.6 (199.5)	653.3 (191.5)	626.0 (183.5)	598.7 (175.5)	571.6 (167.5)	544.7 (159.6)
	25 (-3.9)		615.9 (180.5)	590.7 (173.1)	565.5 (165.7)	540.5 (158.4)	515.8 (151.2)	490.8 (143.8)
	20 (-6.7)		555.0 (162.7)	531.9 (155.9)	509.0 (149.2)	485.9 (142.4)	463.3 (135.8)	440.6 (129.1)
	15 (-9.4)		498.1 (146)	476.9 (139.8)	455.9 (133.6)	435.1 (127.5)	414.3 (121.4)	393.5 (115.3)
	10 (-12.2)		444.8 (130.4)	425.7 (124.8)	406.6 (119.2)	387.5 (113.5)	368.6 (108)	349.7 (102.5)
	5 (-15)		395.2 (115.8)	377.8 (110.7)	360.6 (105.7)	343.4 (100.6)	326.1 (95.6)	309.1 (90.6)
0 (-17.8)		349.0 (102.3)	333.3 (97.7)	317.5 (93.1)	302.0 (88.5)	286.4 (83.9)	271.1 (79.5)	
KVD080M8-B Compressor Model 6GE-40	30 (-1.1)		786.5 (230.5)	755.2 (221.3)	723.9 (212.1)	692.8 (203)	661.9 (194)	631.1 (184.9)
	25 (-3.9)		711.7 (208.6)	682.9 (200.1)	654.2 (191.7)	625.6 (183.3)	597.0 (175)	568.7 (166.7)
	20 (-6.7)		641.6 (188)	615.1 (180.3)	588.8 (172.6)	562.6 (164.9)	536.6 (157.2)	510.5 (149.6)
	15 (-9.4)		575.8 (168.8)	551.7 (161.7)	527.7 (154.7)	503.8 (147.6)	480.1 (140.7)	456.3 (133.7)
	10 (-12.2)		514.5 (150.8)	492.5 (144.3)	470.8 (138)	449.0 (131.6)	427.4 (125.2)	405.9 (119)
	5 (-15)		457.2 (134)	437.4 (128.2)	417.7 (122.4)	398.0 (116.6)	378.4 (110.9)	358.9 (105.2)
0 (-17.8)		404.0 (118.4)	386.2 (113.2)	368.3 (107.9)	350.5 (102.7)	332.9 (97.5)	315.2 (92.4)	
KVD100M8-B Compressor Model 6FE-50	30 (-1.1)		904.9 (265.2)	868.6 (254.5)	832.2 (243.9)	795.9 (233.3)	759.8 (222.7)	723.9 (212.1)
	25 (-3.9)		820.9 (240.6)	787.3 (230.7)	753.7 (220.9)	720.3 (211.1)	687.1 (201.4)	653.9 (191.7)
	20 (-6.7)		741.7 (217.4)	710.6 (208.3)	680.0 (199.3)	649.3 (190.3)	618.7 (181.3)	588.4 (172.4)
	15 (-9.4)		667.0 (195.5)	638.8 (187.2)	610.7 (179)	582.5 (170.7)	554.6 (162.5)	526.9 (154.4)
	10 (-12.2)		597.0 (175)	571.4 (167.5)	545.6 (159.9)	520.2 (152.4)	494.8 (145)	469.6 (137.6)
	5 (-15)		531.5 (155.8)	508.2 (148.9)	484.9 (142.1)	461.8 (135.3)	438.9 (128.6)	416.0 (121.9)
0 (-17.8)		470.4 (137.9)	449.2 (131.6)	428.2 (125.5)	407.4 (119.4)	386.6 (113.3)	365.8 (107.2)	

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) <b>R407A</b> AMBIENT TEMPERATURE °F (°C)							
	° F	° C	85 (29.4)	90 (32.2)	95 (35)	100 (37.8)	105 (40.6)	110 (43.3)		
KVD024L8-B Compressor Model 4NES-14	0 (-17.8)		166.7 (48.9)	159.0 (46.6)	151.2 (44.3)	143.4 (42)	135.7 (39.8)	128.1 (37.5)		
	-5 (-20.6)		146.8 (43)	139.7 (40.9)	132.7 (38.9)	125.8 (36.9)	118.9 (34.8)	111.9 (32.8)		
	-10 (-23.3)		128.3 (37.6)	121.8 (35.7)	115.5 (33.8)	109.2 (32)	103.1 (30.2)	96.8 (28.4)		
	-15 (-26.1)		111.1 (32.6)	105.4 (30.9)	99.8 (29.2)	94.1 (27.6)	88.4 (25.9)	83.0 (24.3)		
	-20 (-28.9)		95.1 (27.9)	90.1 (26.4)	85.1 (24.9)	80.0 (23.4)	75.0 (22)	70.1 (20.6)		
	-25 (-31.7)		80.6 (23.6)	76.0 (22.3)	71.4 (20.9)	67.0 (19.6)	62.6 (18.3)	58.2 (17)		
	-30 (-34.4)		67.0 (19.6)	63.0 (18.5)	58.8 (17.2)	54.8 (16.1)	50.8 (14.9)	47.0 (13.8)		
	-35 (-37.2)		54.4 (15.9)	50.8 (14.9)	47.3 (13.8)	43.5 (12.7)	40.1 (11.8)	36.5 (10.7)		
-40 (-40)		42.8 (12.6)	39.5 (11.6)	36.3 (10.6)	33.0 (9.7)	29.8 (8.7)	26.7 (7.8)			
KVD030L8-B Compressor Model 4HE-18	0 (-17.8)		218.8 (64.1)	208.7 (61.2)	198.9 (58.3)	189.2 (55.5)	179.6 (52.6)	170.1 (49.9)		
	-5 (-20.6)		193.2 (56.6)	184.2 (54)	175.4 (51.4)	166.5 (48.8)	157.7 (46.2)	149.1 (43.7)		
	-10 (-23.3)		169.3 (49.6)	161.1 (47.2)	153.1 (44.9)	145.1 (42.5)	137.3 (40.3)	129.6 (38)		
	-15 (-26.1)		146.8 (43)	139.4 (40.9)	132.3 (38.8)	125.2 (36.7)	118.2 (34.6)	111.3 (32.6)		
	-20 (-28.9)		125.8 (36.9)	119.3 (35)	112.8 (33)	106.5 (31.2)	100.2 (29.4)	94.1 (27.6)		
	-25 (-31.7)		106.1 (31.1)	100.4 (29.4)	94.5 (27.7)	88.8 (26)	83.4 (24.4)	77.9 (22.8)		
	-30 (-34.4)		87.6 (25.7)	82.5 (24.2)	77.3 (22.6)	72.5 (21.2)	67.4 (19.8)	62.8 (18.4)		
	-35 (-37.2)		70.1 (20.6)	65.7 (19.3)	61.1 (17.9)	56.7 (16.6)	52.5 (15.4)	48.3 (14.2)		
-40 (-40)		53.8 (15.8)	49.8 (14.6)	45.8 (13.4)	41.8 (12.2)	38.0 (11.1)	34.2 (10)			
KVD040L8-B Compressor Model 4GE-23	0 (-17.8)		265.9 (77.9)	254.5 (74.6)	243.4 (71.3)	232.3 (68.1)	221.3 (64.9)	210.4 (61.7)		
	-5 (-20.6)		235.2 (68.9)	225.1 (66)	214.8 (63)	205.0 (60.1)	195.1 (57.2)	185.2 (54.3)		
	-10 (-23.3)		206.6 (60.6)	197.4 (57.9)	188.4 (55.2)	179.3 (52.6)	170.5 (50)	161.9 (47.5)		
	-15 (-26.1)		180.0 (52.7)	171.8 (50.3)	163.6 (47.9)	155.6 (45.6)	147.6 (43.3)	139.9 (41)		
	-20 (-28.9)		155.0 (45.4)	147.6 (43.3)	140.5 (41.2)	133.4 (39.1)	126.4 (37)	119.5 (35)		
	-25 (-31.7)		131.7 (38.6)	125.2 (36.7)	118.9 (34.8)	112.6 (33)	106.3 (31.1)	100.4 (29.4)		
	-30 (-34.4)		109.8 (32.2)	104.2 (30.5)	98.5 (28.9)	92.8 (27.2)	87.6 (25.7)	82.1 (24.1)		
	-35 (-37.2)		89.3 (26.2)	84.2 (24.7)	79.2 (23.2)	74.3 (21.8)	69.7 (20.4)	64.9 (19)		
-40 (-40)		69.7 (20.4)	65.3 (19.1)	60.9 (17.8)	56.7 (16.6)	52.5 (15.4)	48.5 (14.2)			
KVD050L8-B Compressor Model 6HE-28	0 (-17.8)		335.8 (98.4)	320.5 (93.9)	305.6 (89.5)	290.6 (85.2)	275.9 (80.9)	261.5 (76.6)		
	-5 (-20.6)		296.1 (86.8)	282.2 (82.7)	268.8 (78.8)	255.4 (74.8)	242.1 (71)	228.9 (67.1)		
	-10 (-23.3)		258.9 (75.9)	246.5 (72.3)	234.4 (68.7)	222.2 (65.1)	210.4 (61.7)	198.7 (58.2)		
	-15 (-26.1)		224.3 (65.7)	213.2 (62.5)	202.2 (59.3)	191.5 (56.1)	180.8 (53)	170.3 (49.9)		
	-20 (-28.9)		191.9 (56.3)	182.1 (53.4)	172.4 (50.5)	162.8 (47.7)	153.3 (44.9)	143.9 (42.2)		
	-25 (-31.7)		161.9 (47.5)	153.1 (44.9)	144.3 (42.3)	135.9 (39.8)	127.5 (37.4)	119.1 (34.9)		
	-30 (-34.4)		133.6 (39.1)	125.8 (36.9)	118.0 (34.6)	110.5 (32.4)	103.1 (30.2)	95.8 (28.1)		
	-35 (-37.2)		106.9 (31.3)	100.2 (29.4)	93.2 (27.3)	86.5 (25.4)	80.0 (23.4)	73.7 (21.6)		
-40 (-40)		81.9 (24)	75.8 (22.2)	69.7 (20.4)	63.8 (18.7)	58.2 (17)	52.5 (15.4)			
KVD060L8-B Compressor Model 6GE-34	0 (-17.8)		377.2 (110.5)	360.2 (105.5)	343.1 (100.6)	326.6 (95.7)	310.2 (90.9)	294.0 (86.2)		
	-5 (-20.6)		333.3 (97.7)	317.9 (93.2)	302.6 (88.7)	287.7 (84.3)	272.8 (79.9)	258.1 (75.6)		
	-10 (-23.3)		292.3 (85.7)	278.5 (81.6)	264.6 (77.5)	251.2 (73.6)	237.7 (69.7)	224.5 (65.8)		
	-15 (-26.1)		253.9 (74.4)	241.3 (70.7)	229.1 (67.1)	216.9 (63.6)	205.0 (60.1)	193.2 (56.6)		
	-20 (-28.9)		217.8 (63.8)	206.6 (60.6)	195.7 (57.4)	184.8 (54.2)	174.1 (51)	163.8 (48)		
	-25 (-31.7)		184.0 (53.9)	174.1 (51)	164.2 (48.1)	154.8 (45.4)	145.3 (42.6)	136.1 (39.9)		
	-30 (-34.4)		152.3 (44.6)	143.4 (42)	134.8 (39.5)	126.2 (37)	118.0 (34.6)	109.8 (32.2)		
	-35 (-37.2)		122.2 (35.8)	114.7 (33.6)	106.9 (31.3)	99.3 (29.1)	92.0 (27)	84.8 (24.9)		
-40 (-40)		94.1 (27.6)	87.2 (25.5)	80.4 (23.6)	73.7 (21.6)	67.2 (19.7)	61.1 (17.9)			
KVD080L8-B Compressor Model 6FE-44	0 (-17.8)		451.3 (132.3)	431.3 (126.4)	411.6 (120.6)	391.9 (114.8)	372.5 (109.2)	353.6 (103.6)		
	-5 (-20.6)		399.6 (117.1)	381.6 (111.8)	363.5 (106.5)	345.9 (101.4)	328.4 (96.3)	311.2 (91.2)		
	-10 (-23.3)		351.1 (102.9)	334.7 (98.1)	318.6 (93.4)	302.6 (88.7)	286.9 (84.1)	271.5 (79.6)		
	-15 (-26.1)		305.6 (89.5)	290.9 (85.2)	276.4 (81)	262.1 (76.8)	248.0 (72.7)	234.2 (68.6)		
	-20 (-28.9)		262.7 (77)	249.7 (73.2)	236.7 (69.4)	224.1 (65.7)	211.5 (62)	199.3 (58.4)		
	-25 (-31.7)		222.6 (65.2)	211.1 (61.9)	199.5 (58.5)	188.2 (55.1)	177.2 (51.9)	166.3 (48.7)		
	-30 (-34.4)		184.8 (54.2)	174.5 (51.1)	164.4 (48.2)	154.6 (45.3)	144.7 (42.4)	135.2 (39.6)		
	-35 (-37.2)		149.3 (43.8)	140.3 (41.1)	131.3 (38.5)	122.4 (35.9)	113.8 (33.4)	105.6 (31)		
-40 (-40)		115.5 (33.8)	107.5 (31.5)	99.5 (29.2)	92.0 (27)	84.4 (24.7)	77.1 (22.6)			

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) <b>R407A</b> 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)	120 (48.9)	125 (51.7)	130 (54.4)
KVD024D8-B  Compressor Model 4NES-14	0 (-17.8)	163.4 (47.9)	155.8 (45.7)	148.0 (43.4)	140.4 (41.1)	133.0 (39)	125.4 (36.8)	117.9 (34.7)	110.4 (32.5)	102.9 (30.3)	95.4 (28.1)	87.9 (25.9)
	-5 (-20.6)	144.2 (42.3)	137.2 (40.2)	130.2 (38.2)	123.4 (36.2)	116.4 (34.1)	109.8 (32.2)	103.2 (30.3)	96.6 (28.3)	90.0 (26.4)	83.4 (24.5)	76.8 (22.6)
	-10 (-23.3)	126.2 (37)	119.8 (35.1)	113.6 (33.3)	107.4 (31.5)	101.2 (29.7)	95.2 (27.9)	89.2 (26.1)	83.2 (24.3)	77.2 (22.5)	71.2 (20.7)	65.2 (19.0)
	-15 (-26.1)	109.4 (32.1)	103.6 (30.4)	98.0 (28.7)	92.6 (27.1)	87.0 (25.5)	81.6 (23.9)	76.2 (22.4)	70.8 (20.9)	65.4 (19.4)	60.0 (17.8)	54.6 (16.2)
	-20 (-28.9)	93.8 (27.5)	88.8 (26)	83.8 (24.6)	78.8 (23.1)	73.8 (21.6)	69.0 (20.2)	64.2 (18.8)	59.4 (17.4)	54.6 (16.0)	49.8 (14.6)	45.0 (13.2)
	-25 (-31.7)	79.4 (23.3)	75.0 (22)	70.4 (20.6)	66.0 (19.3)	61.6 (18.1)	57.2 (16.8)	52.8 (15.5)	48.4 (14.3)	44.0 (13.1)	39.6 (11.9)	35.2 (10.7)
	-30 (-34.4)	66.2 (19.4)	62.0 (18.2)	58.0 (17)	54.0 (15.8)	50.2 (14.7)	46.4 (13.6)	42.6 (12.5)	38.8 (11.4)	35.0 (10.3)	31.2 (9.1)	27.4 (7.9)
	-35 (-37.2)	53.8 (15.8)	50.2 (14.7)	46.6 (13.7)	43.0 (12.6)	39.4 (11.5)	36.0 (10.6)	32.4 (9.5)	28.8 (8.4)	25.2 (7.3)	21.6 (6.2)	18.0 (5.1)
	-40 (-40)	42.4 (12.4)	39.0 (11.4)	35.8 (10.5)	32.6 (9.6)	29.4 (8.6)	26.4 (7.7)	23.2 (6.8)	20.0 (5.9)	16.8 (5.0)	13.6 (4.1)	10.4 (3.2)
KVD030D8-B  Compressor Model 4HE-18	0 (-17.8)	212.8 (62.4)	203.2 (59.6)	193.6 (56.7)	184.0 (53.9)	174.6 (51.2)	165.4 (48.5)	156.2 (45.8)	147.0 (43.1)	137.8 (40.4)	128.6 (37.7)	119.4 (35.0)
	-5 (-20.6)	188.4 (55.2)	179.6 (52.6)	170.8 (50.1)	162.2 (47.5)	153.6 (45)	145.4 (42.6)	137.2 (40.1)	129.0 (37.6)	120.8 (35.1)	112.6 (32.6)	104.4 (30.1)
	-10 (-23.3)	165.4 (48.5)	157.4 (46.1)	149.4 (43.8)	141.6 (41.5)	134.0 (39.3)	126.4 (37)	118.8 (34.7)	111.6 (32.1)	104.4 (29.6)	97.2 (27.1)	90.0 (24.5)
	-15 (-26.1)	143.6 (42.1)	136.6 (40)	129.4 (37.9)	122.4 (35.9)	115.6 (33.9)	108.8 (31.9)	102.0 (29.9)	95.2 (27.9)	88.4 (25.9)	81.6 (23.9)	74.8 (21.9)
	-20 (-28.9)	123.2 (36.1)	116.8 (34.2)	110.6 (32.4)	104.2 (30.5)	98.2 (28.8)	92.2 (27)	86.2 (25.2)	80.2 (23.5)	74.2 (21.8)	68.2 (20.1)	62.2 (18.4)
	-25 (-31.7)	104.2 (30.5)	98.4 (28.8)	92.8 (27.2)	87.2 (25.6)	81.8 (24)	76.4 (22.4)	70.8 (20.7)	65.2 (19.0)	59.6 (17.3)	54.0 (15.6)	48.4 (13.9)
	-30 (-34.4)	86.0 (25.2)	81.0 (23.7)	76.0 (22.3)	71.0 (20.8)	66.2 (19.4)	61.6 (18.1)	57.0 (16.8)	52.4 (15.4)	47.8 (14.1)	43.2 (12.8)	38.6 (11.5)
	-35 (-37.2)	69.0 (20.2)	64.4 (18.9)	60.0 (17.6)	55.6 (16.3)	51.4 (15.1)	47.4 (13.9)	43.4 (12.7)	39.4 (11.5)	35.4 (10.3)	31.4 (9.1)	27.4 (7.9)
	-40 (-40)	52.8 (15.5)	48.8 (14.3)	44.8 (13.1)	41.0 (12)	37.2 (10.9)	33.6 (9.8)	29.8 (8.7)	26.0 (7.5)	22.2 (6.4)	18.4 (5.2)	14.6 (4.1)
KVD040D8-B  Compressor Model 4GE-23	0 (-17.8)	261.6 (76.7)	250.4 (73.4)	239.4 (70.2)	228.4 (66.9)	217.4 (63.7)	206.8 (60.6)	196.2 (57.5)	185.6 (54.3)	175.0 (51.1)	164.4 (47.9)	153.8 (44.7)
	-5 (-20.6)	231.8 (67.9)	221.6 (64.9)	211.6 (62)	201.8 (59.1)	192.0 (56.3)	182.4 (53.5)	172.8 (50.7)	163.2 (48.1)	153.6 (45.5)	144.0 (42.9)	134.4 (40.3)
	-10 (-23.3)	203.8 (59.7)	194.6 (57)	185.8 (54.5)	176.8 (51.8)	168.0 (49.2)	159.4 (46.7)	150.8 (44.1)	142.2 (41.5)	133.6 (38.9)	125.0 (36.7)	116.4 (34.5)
	-15 (-26.1)	177.6 (52)	169.4 (49.6)	161.4 (47.3)	153.6 (45)	145.6 (42.7)	138.0 (40.4)	130.2 (38.1)	122.4 (35.8)	114.6 (33.5)	106.8 (31.2)	99.0 (28.9)
	-20 (-28.9)	153.2 (44.9)	145.8 (42.7)	138.8 (40.7)	131.6 (38.6)	124.8 (36.6)	118.0 (34.6)	111.2 (32.6)	104.4 (30.6)	97.6 (28.6)	90.8 (26.6)	84.0 (24.6)
	-25 (-31.7)	130.2 (38.2)	123.8 (36.3)	117.4 (34.4)	111.2 (32.6)	105.0 (30.8)	99.0 (29)	93.0 (27.2)	87.0 (25.4)	81.0 (23.6)	75.0 (21.8)	69.0 (20)
	-30 (-34.4)	108.6 (31.8)	103.0 (30.2)	97.4 (28.5)	91.8 (26.9)	86.4 (25.3)	81.2 (23.8)	76.0 (22.2)	70.6 (20.6)	65.2 (19)	59.8 (17.4)	54.4 (15.8)
	-35 (-37.2)	88.4 (25.9)	83.4 (24.4)	78.4 (23)	73.6 (21.6)	68.8 (20.2)	64.2 (18.8)	59.6 (17.4)	55.0 (16)	50.4 (14.6)	45.8 (13.2)	41.2 (11.8)
	-40 (-40)	69.0 (20.2)	64.6 (18.9)	60.4 (17.7)	56.2 (16.5)	52.0 (15.2)	48.0 (14.1)	43.8 (12.9)	39.6 (11.7)	35.4 (10.5)	31.2 (9.3)	27.0 (8.1)
KVD050D8-B  Compressor Model 6HE-28	0 (-17.8)	329.4 (96.5)	314.4 (92.1)	299.6 (87.8)	285.0 (83.5)	270.6 (79.3)	256.4 (75.1)	242.2 (70.9)	228.0 (66.6)	213.6 (62.3)	199.2 (58)	184.8 (53.6)
	-5 (-20.6)	290.8 (85.2)	277.4 (81.3)	264.0 (77.4)	250.6 (73.4)	237.6 (69.6)	224.8 (65.9)	212.0 (62.1)	199.2 (58.3)	186.4 (54.5)	173.6 (50.7)	160.8 (47)
	-10 (-23.3)	254.8 (74.7)	242.6 (71.1)	230.4 (67.5)	218.6 (64.1)	206.8 (60.6)	195.2 (57.2)	183.6 (53.7)	172.0 (50.2)	160.4 (46.7)	148.8 (43.2)	137.2 (39.7)
	-15 (-26.1)	221.0 (64.8)	210.0 (61.5)	199.2 (58.4)	188.4 (55.2)	177.8 (52.1)	167.6 (49.1)	157.4 (45.9)	147.2 (42.7)	137.0 (39.5)	126.8 (36.3)	116.6 (33.1)
	-20 (-28.9)	189.2 (55.4)	179.4 (52.6)	169.8 (49.8)	160.2 (46.9)	151.0 (44.3)	141.8 (41.6)	132.6 (38.9)	123.4 (36.2)	114.2 (33.5)	105.0 (30.8)	95.8 (28.1)
	-25 (-31.7)	159.6 (46.8)	151.0 (44.3)	142.4 (41.7)	133.8 (39.2)	125.6 (36.8)	117.4 (34.4)	109.2 (31.9)	101.0 (29.5)	92.8 (27.1)	84.6 (24.7)	76.4 (22.3)
	-30 (-34.4)	131.8 (38.6)	124.2 (36.4)	116.6 (34.2)	109.0 (31.9)	101.6 (29.8)	94.4 (27.7)	87.0 (25.6)	79.6 (23.5)	72.2 (21.4)	64.8 (19.3)	57.4 (17.2)
	-35 (-37.2)	105.6 (30.9)	98.8 (29)	92.2 (27)	85.4 (25)	79.0 (23.2)	72.8 (21.3)	66.4 (19.5)	60.0 (17.7)	53.6 (15.9)	47.2 (14.1)	40.8 (12.3)
	-40 (-40)	81.0 (23.7)	74.8 (21.9)	69.0 (20.2)	63.0 (18.5)	57.4 (16.8)	51.8 (15.2)	46.2 (13.6)	40.6 (12)	35.0 (10.4)	29.4 (8.8)	23.8 (7.2)
KVD060D8-B  Compressor Model 6GE-34	0 (-17.8)	369.0 (108.1)	352.4 (103.3)	335.8 (98.4)	319.4 (93.6)	303.2 (88.9)	287.4 (84.2)	271.6 (79.5)	255.8 (74.8)	240.0 (70.1)	224.2 (65.4)	208.4 (60.7)
	-5 (-20.6)	326.8 (95.8)	311.6 (91.3)	296.6 (86.9)	281.8 (82.6)	267.2 (78.3)	252.8 (74.1)	238.4 (69.9)	224.0 (65.7)	209.6 (61.5)	195.2 (57.3)	180.8 (52.9)
	-10 (-23.3)	287.0 (84.1)	273.2 (80.1)	259.8 (76.1)	246.4 (72.2)	233.2 (68.3)	220.2 (64.5)	207.2 (60.7)	194.2 (56.9)	181.2 (53.1)	168.2 (49.3)	155.2 (45.5)
	-15 (-26.1)	249.6 (73.2)	237.2 (69.5)	225.0 (65.9)	213.0 (62.4)	201.2 (59)	189.6 (55.6)	178.0 (52.2)	166.4 (48.6)	154.8 (45)	143.2 (41.4)	131.6 (37.8)
	-20 (-28.9)	214.4 (62.8)	203.4 (59.6)	192.4 (56.4)	181.8 (53.3)	171.2 (50.2)	161.0 (47.2)	150.8 (44.2)	140.6 (41.2)	130.4 (38.2)	120.2 (35.2)	110.0 (32.2)
	-25 (-31.7)	181.2 (53.1)	171.4 (50.2)	161.8 (47.4)	152.2 (44.6)	143.0 (41.9)	133.8 (39.2)	124.6 (36.5)	115.4 (33.8)	106.2 (31.2)	97.0 (28.6)	87.8 (26)
	-30 (-34.4)	150.2 (44)	141.4 (41.4)	132.8 (38.9)	124.4 (36.5)	116.2 (34.1)	108.2 (31.7)	100.0 (29.3)	91.8 (26.9)	83.6 (24.5)	75.4 (22.1)	67.2 (19.7)
	-35 (-37.2)	120.6 (35.3)	113.0 (33.1)	105.4 (30.9)	98.0 (28.7)	90.8 (26.6)	83.6 (24.5)	76.4 (22.3)	69.2 (20.1)	62.0 (17.9)	54.8 (15.7)	47.4 (13.5)
	-40 (-40)	92.8 (27.2)	86.0 (25.2)	79.2 (23.2)	72.8 (21.3)	66.4 (19.5)	60.2 (17.6)	54.0 (15.8)	47.8 (14.1)	41.6 (12.3)	35.4 (10.5)	29.2 (8.7)

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) <b>R448A</b> <b>R449A</b> AMBIENT TEMPERATURE °F (°C)					
		85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)
<b>KVD030H8-B</b> Compressor 4PES-15	45 (7.2)	420.0 (123.1)	403.2 (118.2)	386.6 (113.3)	370.0 (108.4)	353.6 (103.6)	337.1 (98.8)
	40 (4.4)	382.0 (111.9)	366.7 (107.5)	351.1 (102.9)	335.8 (98.4)	320.5 (93.9)	305.1 (89.4)
	35 (1.7)	346.3 (101.5)	332.0 (97.3)	317.7 (93.1)	303.7 (89)	289.4 (84.8)	275.3 (80.7)
<b>KVD040H8-B</b> Compressor 4NES-20	45 (7.2)	503.2 (147.5)	484.1 (141.9)	464.9 (136.3)	445.8 (130.7)	426.7 (125.1)	---
	40 (4.4)	458.2 (134.3)	440.4 (129.1)	422.5 (123.8)	404.9 (118.7)	387.2 (113.5)	369.6 (108.3)
	35 (1.7)	415.8 (121.9)	399.2 (117)	382.8 (112.2)	366.7 (107.5)	350.3 (102.7)	334.1 (97.9)
<b>KVD050H8-B</b> Compressor 4HE-25	45 (7.2)	617.4 (180.9)	593.9 (174)	570.4 (167.2)	546.6 (160.2)	---	---
	40 (4.4)	566.6 (166)	544.7 (159.6)	522.7 (153.2)	500.6 (146.7)	478.6 (140.3)	---
	35 (1.7)	518.1 (151.8)	497.7 (145.9)	477.5 (140)	457.0 (133.9)	436.6 (128)	415.8 (121.9)
<b>KVD060H8-B</b> Compressor 4GE-30	45 (7.2)	707.3 (207.3)	679.8 (199.2)	652.3 (191.2)	624.5 (183)	---	---
	40 (4.4)	649.5 (190.4)	623.9 (182.8)	598.3 (175.3)	572.5 (167.8)	546.6 (160.2)	---
	35 (1.7)	594.3 (174.2)	570.8 (167.3)	547.1 (160.3)	523.1 (153.3)	499.2 (146.3)	475.0 (139.2)
<b>KVD070H8-B</b> Compressor 6HE-35	45 (7.2)	910.1 (266.7)	876.1 (256.8)	841.9 (246.7)	723.7 (212.1)	---	---
	40 (4.4)	835.0 (244.7)	803.3 (235.4)	771.3 (226.1)	659.0 (193.1)	739.2 (216.6)	---
	35 (1.7)	763.4 (223.7)	734.0 (215.1)	704.3 (206.4)	598.3 (175.3)	674.7 (197.7)	614.9 (180.2)
<b>KVD080H8-B</b> Compressor 6GE-40	45 (7.2)	1035.3 (303.4)	995.2 (291.7)	955.1 (279.9)	914.6 (268)	874.0 (256.1)	---
	40 (4.4)	950.9 (278.7)	913.7 (267.8)	876.5 (256.9)	839.0 (245.9)	801.4 (234.9)	763.4 (223.7)
	35 (1.7)	870.2 (255)	836.0 (245)	801.8 (235)	767.1 (224.8)	732.3 (214.6)	697.4 (204.4)

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)
KVD030M8-B  Compressor Model 4PES-15	30 (-1.1)		312.9 (91.7)	299.7 (87.8)	286.4 (83.9)	273.4 (80.1)	260.4 (76.3)	247.4 (72.5)
	25 (-3.9)		281.4 (82.5)	269.4 (79)	257.5 (75.5)	245.3 (71.9)	233.5 (68.4)	221.6 (64.9)
	20 (-6.7)		252.2 (73.9)	241.3 (70.7)	230.2 (67.5)	219.2 (64.3)	208.3 (61.1)	197.6 (57.9)
	15 (-9.4)		225.1 (66)	215.3 (63.1)	205.2 (60.1)	195.3 (57.2)	185.2 (54.3)	175.4 (51.4)
	10 (-12.2)		200.1 (58.7)	191.1 (56)	181.9 (53.3)	172.8 (50.7)	164.0 (48.1)	155.0 (45.4)
	5 (-15)		177.0 (51.9)	168.8 (49.5)	160.7 (47.1)	152.5 (44.7)	144.3 (42.3)	136.3 (39.9)
	0 (-17.8)		155.8 (45.7)	148.3 (43.5)	140.9 (41.3)	133.6 (39.1)	126.4 (37)	119.1 (34.9)
KVD040M8-B  Compressor Model 4NES-20	30 (-1.1)		375.9 (110.2)	360.8 (105.7)	345.9 (101.4)	331.0 (97)	315.8 (92.6)	301.1 (88.3)
	25 (-3.9)		338.7 (99.3)	325.1 (95.3)	311.2 (91.2)	297.6 (87.2)	283.9 (83.2)	270.3 (79.2)
	20 (-6.7)		304.3 (89.2)	291.7 (85.5)	279.1 (81.8)	266.7 (78.2)	254.3 (74.5)	241.9 (70.9)
	15 (-9.4)		272.2 (79.8)	260.8 (76.4)	249.5 (73.1)	238.1 (69.8)	226.8 (66.5)	215.7 (63.2)
	10 (-12.2)		242.6 (71.1)	232.3 (68.1)	222.0 (65.1)	211.7 (62)	201.6 (59.1)	191.3 (56.1)
	5 (-15)		215.0 (63)	205.8 (60.3)	196.6 (57.6)	187.5 (55)	178.3 (52.3)	169.3 (49.6)
	0 (-17.8)		190.1 (55.7)	181.7 (53.2)	173.5 (50.8)	165.1 (48.4)	156.9 (46)	148.9 (43.6)
KVD050M8-B  Compressor Model 4HE-25	30 (-1.1)		472.1 (138.4)	453.4 (132.9)	434.5 (127.3)	415.8 (121.9)	396.9 (116.3)	377.8 (110.7)
	25 (-3.9)		428.4 (125.6)	411.4 (120.6)	394.2 (115.5)	377.0 (110.5)	359.5 (105.4)	342.1 (100.3)
	20 (-6.7)		387.5 (113.5)	371.9 (109)	356.2 (104.4)	340.4 (99.8)	324.5 (95.1)	308.5 (90.4)
	15 (-9.4)		349.2 (102.3)	335.0 (98.2)	320.7 (94)	306.2 (89.7)	291.7 (85.5)	277.2 (81.2)
	10 (-12.2)		313.3 (91.8)	300.3 (88)	287.5 (84.3)	274.3 (80.4)	261.2 (76.6)	248.0 (72.7)
	5 (-15)		279.7 (82)	268.2 (78.6)	256.4 (75.1)	244.7 (71.7)	232.9 (68.3)	220.9 (64.7)
	0 (-17.8)		248.6 (72.9)	238.1 (69.8)	227.6 (66.7)	217.1 (63.6)	206.4 (60.5)	195.7 (57.4)
KVD060M8-B  Compressor Model 4GE-30	30 (-1.1)		541.8 (158.8)	520.2 (152.4)	498.3 (146)	476.5 (139.6)	454.4 (133.2)	432.2 (126.7)
	25 (-3.9)		492.2 (144.3)	472.5 (138.5)	452.6 (132.6)	432.4 (126.7)	412.2 (120.8)	391.9 (114.8)
	20 (-6.7)		445.6 (130.6)	427.6 (125.3)	409.5 (120)	391.0 (114.6)	372.8 (109.2)	354.1 (103.8)
	15 (-9.4)		401.7 (117.7)	385.6 (113)	369.0 (108.1)	352.4 (103.3)	335.6 (98.3)	318.8 (93.4)
	10 (-12.2)		360.8 (105.7)	346.1 (101.4)	331.2 (97.1)	316.3 (92.7)	301.1 (88.3)	285.8 (83.8)
	5 (-15)		322.6 (94.5)	309.3 (90.7)	296.1 (86.8)	282.5 (82.8)	268.8 (78.8)	255.2 (74.8)
	0 (-17.8)		287.1 (84.1)	275.3 (80.7)	263.3 (77.2)	251.2 (73.6)	239.0 (70)	226.6 (66.4)
KVD070M8-B  Compressor Model 6HE-35	30 (-1.1)		695.3 (203.8)	668.2 (195.8)	640.9 (187.8)	613.6 (179.8)	586.1 (171.8)	558.4 (163.6)
	25 (-3.9)		631.1 (184.9)	606.3 (177.7)	581.3 (170.4)	556.1 (163)	530.9 (155.6)	505.5 (148.1)
	20 (-6.7)		570.8 (167.3)	547.9 (160.6)	525.2 (153.9)	502.1 (147.2)	479.0 (140.4)	455.7 (133.6)
	15 (-9.4)		514.1 (150.7)	493.5 (144.6)	472.5 (138.5)	451.7 (132.4)	430.5 (126.2)	409.5 (120)
	10 (-12.2)		461.4 (135.2)	442.5 (129.7)	423.6 (124.1)	404.7 (118.6)	385.4 (112.9)	366.2 (107.3)
	5 (-15)		412.0 (120.8)	395.0 (115.8)	378.0 (110.8)	360.8 (105.7)	343.4 (100.6)	325.9 (95.5)
	0 (-17.8)		366.2 (107.3)	350.9 (102.8)	335.6 (98.3)	320.0 (93.8)	304.3 (89.2)	288.5 (84.6)
KVD080M8-B  Compressor Model 6GE-40	30 (-1.1)		793.8 (232.6)	762.5 (223.5)	730.8 (214.2)	699.1 (204.9)	667.2 (195.5)	635.0 (186.1)
	25 (-3.9)		721.6 (211.5)	692.8 (203)	664.0 (194.6)	635.0 (186.1)	605.9 (177.6)	576.2 (168.9)
	20 (-6.7)		653.5 (191.5)	627.3 (183.8)	601.0 (176.1)	574.8 (168.4)	548.1 (160.6)	521.2 (152.8)
	15 (-9.4)		589.5 (172.8)	566.0 (165.9)	542.2 (158.9)	518.1 (151.8)	493.9 (144.8)	469.6 (137.6)
	10 (-12.2)		529.8 (155.3)	508.4 (149)	487.0 (142.7)	465.4 (136.4)	443.5 (130)	421.3 (123.5)
	5 (-15)		474.0 (138.9)	454.9 (133.3)	435.5 (127.6)	416.0 (121.9)	396.3 (116.1)	376.3 (110.3)
	0 (-17.8)		422.1 (123.7)	404.9 (118.7)	387.5 (113.5)	370.0 (108.4)	352.4 (103.3)	334.3 (98)
KVD100M8-B  Compressor Model 6FE-50	30 (-1.1)		931.4 (273)	893.8 (261.9)	856.0 (250.9)	818.0 (239.7)	779.7 (228.5)	741.3 (217.3)
	25 (-3.9)		850.1 (249.1)	815.9 (239.1)	781.2 (228.9)	746.3 (218.7)	711.3 (208.5)	676.0 (198.1)
	20 (-6.7)		772.8 (226.5)	741.5 (217.3)	710.2 (208.1)	678.3 (198.8)	646.4 (189.4)	614.3 (180)
	15 (-9.4)		699.7 (205.1)	671.4 (196.8)	642.8 (188.4)	614.0 (180)	585.1 (171.5)	555.9 (162.9)
	10 (-12.2)		630.8 (184.9)	605.2 (177.4)	579.6 (169.9)	553.6 (162.2)	527.3 (154.5)	500.9 (146.8)
	5 (-15)		566.0 (165.9)	543.1 (159.2)	520.0 (152.4)	496.4 (145.5)	472.9 (138.6)	449.0 (131.6)
	0 (-17.8)		505.3 (148.1)	484.7 (142)	463.9 (136)	442.9 (129.8)	421.7 (123.6)	400.1 (117.2)

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) <b>R448A R449A</b> AMBIENT TEMPERATURE °F (°C)											
	° F	° C	85 (29.4)		90 (32.2)		95 (35)		100 (37.8)		105 (40.6)		110 (43.3)	
KVD024L8-B Compressor Model 4NES-14	0	(-17.8)	173.0	(50.7)	164.9	(48.3)	156.7	(45.9)	148.5	(43.5)	140.3	(41.1)	132.1	(38.7)
	-5	(-20.6)	152.9	(44.8)	145.5	(42.7)	138.2	(40.5)	130.8	(38.3)	123.3	(36.1)	115.9	(34)
	-10	(-23.3)	134.2	(39.3)	127.5	(37.4)	121.0	(35.4)	114.2	(33.5)	107.7	(31.6)	101.0	(29.6)
	-15	(-26.1)	117.0	(34.3)	111.1	(32.6)	105.0	(30.8)	99.1	(29)	93.2	(27.3)	87.2	(25.5)
	-20	(-28.9)	101.0	(29.6)	95.8	(28.1)	90.5	(26.5)	85.3	(25)	79.8	(23.4)	74.6	(21.8)
	-25	(-31.7)	86.5	(25.4)	81.9	(24)	77.1	(22.6)	72.5	(21.2)	67.6	(19.8)	63.0	(18.5)
	-30	(-34.4)	73.3	(21.5)	69.1	(20.2)	64.9	(19)	60.5	(17.7)	56.3	(16.5)	52.1	(15.3)
	-35	(-37.2)	61.1	(17.9)	57.3	(16.8)	53.6	(15.7)	49.8	(14.6)	46.0	(13.5)	42.2	(12.4)
-40	(-40)	50.2	(14.7)	46.6	(13.7)	43.3	(12.7)	39.7	(11.6)	---	---	---	---	
KVD030L8-B Compressor Model 4HE-18	0	(-17.8)	234.4	(68.7)	224.3	(65.7)	214.2	(62.8)	204.1	(59.8)	194.0	(56.9)	184.0	(53.9)
	-5	(-20.6)	208.7	(61.2)	199.7	(58.5)	190.5	(55.8)	181.2	(53.1)	172.2	(50.5)	163.0	(47.8)
	-10	(-23.3)	184.8	(54.2)	176.4	(51.7)	168.2	(49.3)	160.0	(46.9)	151.8	(44.5)	143.6	(42.1)
	-15	(-26.1)	162.3	(47.6)	155.0	(45.4)	147.6	(43.3)	140.1	(41.1)	132.7	(38.9)	125.4	(36.7)
	-20	(-28.9)	141.5	(41.5)	134.8	(39.5)	128.3	(37.6)	121.6	(35.6)	115.1	(33.7)	108.4	(31.8)
	-25	(-31.7)	122.2	(35.8)	116.1	(34)	110.3	(32.3)	104.4	(30.6)	98.5	(28.9)	92.6	(27.1)
	-30	(-34.4)	104.2	(30.5)	98.9	(29)	93.5	(27.4)	88.2	(25.8)	83.0	(24.3)	77.7	(22.8)
	-35	(-37.2)	87.6	(25.7)	82.7	(24.2)	77.9	(22.8)	73.3	(21.5)	68.5	(20.1)	63.8	(18.7)
-40	(-40)	72.0	(21.1)	67.8	(19.9)	63.4	(18.6)	59.2	(17.4)	---	---	---	---	
KVD040L8-B Compressor Model 4GE-23	0	(-17.8)	281.2	(82.4)	269.6	(79)	258.1	(75.6)	246.3	(72.2)	234.8	(68.8)	223.0	(65.4)
	-5	(-20.6)	250.5	(73.4)	240.2	(70.4)	229.7	(67.3)	219.2	(64.3)	208.7	(61.2)	198.2	(58.1)
	-10	(-23.3)	222.0	(65.1)	212.7	(62.3)	203.3	(59.6)	194.0	(56.9)	184.6	(54.1)	175.4	(51.4)
	-15	(-26.1)	195.3	(57.2)	187.1	(54.8)	178.7	(52.4)	170.5	(50)	162.1	(47.5)	153.9	(45.1)
	-20	(-28.9)	170.7	(50)	163.4	(47.9)	156.0	(45.7)	148.7	(43.6)	141.3	(41.4)	134.0	(39.3)
	-25	(-31.7)	147.8	(43.3)	141.3	(41.4)	134.8	(39.5)	128.3	(37.6)	121.8	(35.7)	115.3	(33.8)
	-30	(-34.4)	126.6	(37.1)	120.8	(35.4)	115.1	(33.7)	109.4	(32.1)	103.5	(30.3)	98.1	(28.7)
	-35	(-37.2)	107.1	(31.4)	101.9	(29.8)	96.8	(28.4)	91.8	(26.9)	86.7	(25.4)	---	---
-40	(-40)	88.8	(26)	84.2	(24.7)	79.8	(23.4)	75.2	(22)	---	---	---	---	
KVD050L8-B Compressor Model 6HE-28	0	(-17.8)	353.6	(103.6)	338.7	(99.3)	323.8	(94.9)	308.7	(90.5)	293.6	(86)	278.5	(81.6)
	-5	(-20.6)	314.4	(92.1)	300.9	(88.2)	287.3	(84.2)	273.6	(80.2)	260.0	(76.2)	246.3	(72.2)
	-10	(-23.3)	277.8	(81.4)	265.7	(77.9)	253.5	(74.3)	241.1	(70.7)	228.7	(67)	216.3	(63.4)
	-15	(-26.1)	244.0	(71.5)	232.9	(68.3)	222.0	(65.1)	210.8	(61.8)	199.7	(58.5)	188.6	(55.3)
	-20	(-28.9)	212.5	(62.3)	202.7	(59.4)	192.6	(56.4)	182.7	(53.5)	172.6	(50.6)	162.5	(47.6)
	-25	(-31.7)	183.3	(53.7)	174.5	(51.1)	165.5	(48.5)	156.7	(45.9)	147.6	(43.3)	138.6	(40.6)
	-30	(-34.4)	156.7	(45.9)	148.5	(43.5)	140.5	(41.2)	132.3	(38.8)	124.3	(36.4)	116.1	(34)
	-35	(-37.2)	131.7	(38.6)	124.5	(36.5)	117.2	(34.3)	109.8	(32.2)	102.5	(30)	95.1	(27.9)
-40	(-40)	108.8	(31.9)	102.3	(30)	95.6	(28)	88.8	(26)	---	---	---	---	
KVD060L8-B Compressor Model 6GE-34	0	(-17.8)	409.7	(120.1)	393.3	(115.3)	377.0	(110.5)	360.4	(105.6)	343.6	(100.7)	326.6	(95.7)
	-5	(-20.6)	366.9	(107.5)	352.4	(103.3)	337.5	(98.9)	322.6	(94.5)	307.4	(90.1)	292.1	(85.6)
	-10	(-23.3)	326.8	(95.8)	313.7	(91.9)	300.3	(88)	287.1	(84.1)	273.4	(80.1)	259.6	(76.1)
	-15	(-26.1)	289.2	(84.7)	277.4	(81.3)	265.7	(77.9)	253.7	(74.3)	241.3	(70.7)	228.9	(67.1)
	-20	(-28.9)	254.1	(74.5)	243.6	(71.4)	233.1	(68.3)	222.2	(65.1)	211.3	(61.9)	200.1	(58.7)
	-25	(-31.7)	221.3	(64.9)	212.1	(62.2)	202.7	(59.4)	193.0	(56.6)	183.1	(53.7)	173.0	(50.7)
	-30	(-34.4)	191.1	(56)	182.7	(53.5)	174.1	(51)	165.5	(48.5)	156.7	(45.9)	147.6	(43.3)
	-35	(-37.2)	162.8	(47.7)	155.2	(45.5)	147.6	(43.3)	139.7	(40.9)	131.7	(38.6)	---	---
-40	(-40)	136.7	(40.1)	129.8	(38)	122.6	(35.9)	115.5	(33.8)	---	---	---	---	
KVD080L8-B Compressor Model 6FE-44	0	(-17.8)	485.7	(142.4)	465.8	(136.5)	445.6	(130.6)	425.5	(124.7)	405.1	(118.7)	384.5	(112.7)
	-5	(-20.6)	434.5	(127.3)	416.4	(122)	398.4	(116.8)	380.1	(111.4)	361.6	(106)	343.1	(100.6)
	-10	(-23.3)	386.4	(113.2)	370.0	(108.4)	353.6	(103.6)	337.3	(98.8)	320.7	(94)	303.9	(89.1)
	-15	(-26.1)	341.0	(99.9)	326.3	(95.6)	311.6	(91.3)	296.7	(87)	281.8	(82.6)	266.7	(78.2)
	-20	(-28.9)	298.6	(87.5)	285.6	(83.7)	272.2	(79.8)	258.7	(75.8)	245.3	(71.9)	231.4	(67.8)
	-25	(-31.7)	259.1	(75.9)	247.2	(72.4)	235.2	(68.9)	223.0	(65.4)	210.6	(61.7)	198.2	(58.1)
	-30	(-34.4)	222.2	(65.1)	211.5	(62)	200.6	(58.8)	189.4	(55.5)	178.1	(52.2)	166.7	(48.9)
	-35	(-37.2)	188.0	(55.1)	178.1	(52.2)	168.0	(49.2)	157.7	(46.2)	147.2	(43.1)	---	---
-40	(-40)	156.0	(45.7)	146.8	(43)	137.3	(40.3)	127.7	(37.4)	---	---	---	---	

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) <b>R448A</b> <b>R449A</b> AMBIENT TEMPERATURE °F (°C)											
	° F	° C	85 (29.4)		90 (32.2)		95 (35)		100 (37.8)		105 (40.6)		110 (43.3)	
KVD024D8-B  Compressor Model 4NES-14	0	(-17.8)	169.6	(49.7)	161.6	(47.4)	153.4	(45)	145.4	(42.6)	137.2	(40.2)	129.0	(37.8)
	-5	(-20.6)	150.0	(44)	142.8	(41.9)	135.4	(39.7)	128.2	(37.6)	120.8	(35.4)	113.4	(33.2)
	-10	(-23.3)	131.8	(38.6)	125.4	(36.8)	118.8	(34.8)	112.2	(32.9)	105.6	(30.9)	99.0	(29)
	-15	(-26.1)	115.0	(33.7)	109.2	(32)	103.2	(30.2)	97.4	(28.5)	91.6	(26.8)	85.6	(25.1)
	-20	(-28.9)	99.6	(29.2)	94.4	(27.7)	89.0	(26.1)	83.8	(24.6)	78.6	(23)	73.2	(21.5)
	-25	(-31.7)	85.4	(25)	80.6	(23.6)	76.0	(22.3)	71.2	(20.9)	66.6	(19.5)	61.8	(18.1)
	-30	(-34.4)	72.4	(21.2)	68.2	(20)	64.0	(18.8)	59.8	(17.5)	55.6	(16.3)	51.4	(15.1)
	-35	(-37.2)	60.4	(17.7)	56.6	(16.6)	52.8	(15.5)	49.0	(14.4)	45.4	(13.3)	41.6	(12.2)
-40	(-40)	49.6	(14.5)	46.0	(13.5)	42.6	(12.5)	39.2	(11.5)	35.8	(10.5)	32.6	(9.6)	
KVD030D8-B  Compressor Model 4HE-18	0	(-17.8)	228.0	(66.8)	218.0	(63.9)	208.2	(61)	198.2	(58.1)	188.2	(55.2)	178.4	(52.3)
	-5	(-20.6)	203.6	(59.7)	194.6	(57)	185.6	(54.4)	176.6	(51.8)	167.6	(49.1)	158.6	(46.5)
	-10	(-23.3)	180.6	(52.9)	172.4	(50.5)	164.2	(48.1)	156.2	(45.8)	148.0	(43.4)	140.0	(41)
	-15	(-26.1)	159.0	(46.6)	151.6	(44.4)	144.2	(42.3)	137.0	(40.2)	129.6	(38)	122.4	(35.9)
	-20	(-28.9)	138.8	(40.7)	132.2	(38.7)	125.6	(36.8)	119.0	(34.9)	112.6	(33)	106.0	(31.1)
	-25	(-31.7)	120.0	(35.2)	114.0	(33.4)	108.2	(31.7)	102.2	(30)	96.4	(28.3)	90.6	(26.6)
	-30	(-34.4)	102.4	(30)	97.2	(28.5)	91.8	(26.9)	86.6	(25.4)	81.4	(23.9)	76.2	(22.3)
	-35	(-37.2)	86.2	(25.3)	81.4	(23.9)	76.6	(22.4)	72.0	(21.1)	67.2	(19.7)	62.6	(18.3)
-40	(-40)	71.0	(20.8)	66.6	(19.5)	62.4	(18.3)	58.2	(17.1)	54.0	(15.8)	49.8	(14.6)	
KVD040D8-B  Compressor Model 4GE-23	0	(-17.8)	276.8	(81.1)	265.2	(77.7)	253.6	(74.3)	242.0	(70.9)	230.4	(67.5)	218.8	(64.1)
	-5	(-20.6)	246.8	(72.3)	236.6	(69.3)	226.2	(66.3)	215.8	(63.2)	205.4	(60.2)	195.0	(57.1)
	-10	(-23.3)	219.0	(64.2)	209.8	(61.5)	200.4	(58.7)	191.2	(56)	181.8	(53.3)	172.6	(50.6)
	-15	(-26.1)	193.0	(56.6)	184.6	(54.1)	176.4	(51.7)	168.2	(49.3)	160.0	(46.9)	151.8	(44.5)
	-20	(-28.9)	168.8	(49.5)	161.4	(47.3)	154.0	(45.1)	146.8	(43)	139.4	(40.9)	132.2	(38.7)
	-25	(-31.7)	146.2	(42.8)	139.8	(41)	133.2	(39)	126.8	(37.2)	120.4	(35.3)	114.0	(33.4)
	-30	(-34.4)	125.4	(36.8)	119.6	(35.1)	113.8	(33.4)	108.2	(31.7)	102.4	(30)	96.8	(28.4)
	-35	(-37.2)	106.0	(31.1)	101.0	(29.6)	95.8	(28.1)	90.8	(26.6)	85.8	(25.1)	80.8	(23.7)
-40	(-40)	88.0	(25.8)	83.4	(24.4)	79.0	(23.2)	74.4	(21.8)	70.0	(20.5)	65.6	(19.2)	
KVD050D8-B  Compressor Model 6HE-28	0	(-17.8)	347.2	(101.8)	332.4	(97.4)	317.4	(93)	302.6	(88.7)	287.6	(84.3)	272.6	(79.9)
	-5	(-20.6)	309.0	(90.6)	295.6	(86.6)	282.2	(82.7)	268.6	(78.7)	255.0	(74.7)	241.4	(70.7)
	-10	(-23.3)	273.6	(80.2)	261.4	(76.6)	249.2	(73)	237.0	(69.5)	224.6	(65.8)	212.4	(62.2)
	-15	(-26.1)	240.4	(70.5)	229.4	(67.2)	218.4	(64)	207.4	(60.8)	196.4	(57.6)	185.2	(54.3)
	-20	(-28.9)	209.6	(61.4)	199.8	(58.6)	189.8	(55.6)	180.0	(52.8)	170.0	(49.8)	160.0	(46.9)
	-25	(-31.7)	181.0	(53)	172.2	(50.5)	163.2	(47.8)	154.4	(45.3)	145.4	(42.6)	136.4	(40)
	-30	(-34.4)	154.6	(45.3)	146.6	(43)	138.6	(40.6)	130.6	(38.3)	122.4	(35.9)	114.4	(33.5)
	-35	(-37.2)	130.2	(38.2)	123.0	(36)	115.6	(33.9)	108.4	(31.8)	101.0	(29.6)	93.8	(27.5)
-40	(-40)	107.6	(31.5)	101.0	(29.6)	94.4	(27.7)	87.6	(25.7)	81.0	(23.7)	74.2	(21.7)	
KVD060D8-B  Compressor Model 6GE-34	0	(-17.8)	401.4	(117.6)	385.2	(112.9)	368.8	(108.1)	352.4	(103.3)	335.6	(98.4)	318.8	(93.4)
	-5	(-20.6)	360.2	(105.6)	345.6	(101.3)	331.0	(97)	316.0	(92.6)	301.0	(88.2)	285.6	(83.7)
	-10	(-23.3)	321.4	(94.2)	308.2	(90.3)	295.0	(86.5)	281.6	(82.5)	268.2	(78.6)	254.4	(74.6)
	-15	(-26.1)	284.8	(83.5)	273.0	(80)	261.2	(76.5)	249.2	(73)	237.2	(69.5)	224.8	(65.9)
	-20	(-28.9)	250.6	(73.4)	240.0	(70.3)	229.6	(67.3)	218.8	(64.1)	207.8	(60.9)	196.8	(57.7)
	-25	(-31.7)	218.6	(64.1)	209.2	(61.3)	199.8	(58.6)	190.2	(55.7)	180.4	(52.9)	170.4	(49.9)
	-30	(-34.4)	188.8	(55.3)	180.4	(52.9)	171.8	(50.3)	163.2	(47.8)	154.4	(45.3)	145.4	(42.6)
	-35	(-37.2)	161.0	(47.2)	153.4	(45)	145.6	(42.7)	137.8	(40.4)	129.8	(38)	121.6	(35.6)
-40	(-40)	135.2	(39.6)	128.2	(37.6)	121.2	(35.5)	114.0	(33.4)	106.6	(31.2)	99.0	(29)	

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) <b>R448A</b> <b>R449A</b> AMBIENT TEMPERATURE °F (°C)											
	° F	° C	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVD016V8-B Compressor Model S4N-8.2	-25	(-31.7)	66.6	(19.5)	65.2	(19.1)	64.0	(18.8)	62.8	(18.4)	61.8	(18.1)	60.8	(17.8)
	-30	(-34.4)	58.8	(17.2)	57.4	(16.8)	56.2	(16.5)	55.0	(16.1)	54.0	(15.8)	53.0	(15.5)
	-35	(-37.2)	51.6	(15.1)	50.4	(14.8)	49.2	(14.4)	48.0	(14.1)	46.8	(13.7)	45.8	(13.4)
	-40	(-40)	45.0	(13.2)	43.8	(12.8)	42.6	(12.5)	41.4	(12.1)	40.4	(11.8)	39.4	(11.5)
	-45	(-42.8)	38.8	(11.4)	37.8	(11.1)	36.6	(10.7)	35.6	(10.4)	34.4	(10.1)	33.4	(9.8)
	-50	(-45.6)	33.4	(9.8)	32.4	(9.5)	31.2	(9.1)	30.2	(8.9)	29.2	(8.6)	28.2	(8.3)
	-55	(-48.3)	28.4	(8.3)	27.4	(8)	26.4	(7.7)	25.4	(7.4)	24.4	(7.2)	23.4	(6.9)
-60	(-51.1)	23.8	(7)	23.0	(6.7)	22.0	(6.4)	21.0	(6.2)	20.0	(5.9)	19.0	(5.6)	
KVD024V8-B Compressor Model S4G-12.2	-25	(-31.7)	99.4	(29.1)	97.6	(28.6)	95.6	(28)	94.0	(27.5)	92.4	(27.1)	91.0	(26.7)
	-30	(-34.4)	87.8	(25.7)	85.8	(25.1)	84.0	(24.6)	82.2	(24.1)	80.8	(23.7)	79.2	(23.2)
	-35	(-37.2)	77.0	(22.6)	75.2	(22)	73.4	(21.5)	71.6	(21)	70.0	(20.5)	68.6	(20.1)
	-40	(-40)	67.0	(19.6)	65.4	(19.2)	63.6	(18.6)	61.8	(18.1)	60.2	(17.6)	58.8	(17.2)
	-45	(-42.8)	58.0	(17)	56.4	(16.5)	54.6	(16)	53.0	(15.5)	51.4	(15.1)	49.8	(14.6)
	-50	(-45.6)	49.8	(14.6)	48.2	(14.1)	46.6	(13.7)	45.0	(13.2)	43.4	(12.7)	42.0	(12.3)
	-55	(-48.3)	42.4	(12.4)	40.8	(12)	39.4	(11.5)	37.8	(11.1)	36.2	(10.6)	34.8	(10.2)
-60	(-51.1)	35.8	(10.5)	34.2	(10)	32.8	(9.6)	31.4	(9.2)	29.8	(8.7)	28.4	(8.3)	
KVD032V8-B Compressor Model S6J-16.2	-25	(-31.7)	146.0	(42.8)	143.2	(42)	140.6	(41.2)	138.2	(40.5)	136.2	(39.9)	-	-
	-30	(-34.4)	128.8	(37.7)	126.0	(36.9)	123.4	(36.2)	121.0	(35.5)	118.8	(34.8)	117.0	(34.3)
	-35	(-37.2)	112.8	(33.1)	110.2	(32.3)	107.6	(31.5)	105.0	(30.8)	102.8	(30.1)	100.8	(29.5)
	-40	(-40)	98.4	(28.8)	95.6	(28)	93.2	(27.3)	90.6	(26.6)	88.4	(25.9)	86.2	(25.3)
	-45	(-42.8)	85.0	(24.9)	82.6	(24.2)	80.0	(23.4)	77.6	(22.7)	75.2	(22)	73.0	(21.4)
	-50	(-45.6)	73.0	(21.4)	70.6	(20.7)	68.2	(20)	65.6	(19.2)	63.4	(18.6)	61.2	(17.9)
	-55	(-48.3)	62.0	(18.2)	59.8	(17.5)	57.4	(16.8)	55.0	(16.1)	52.8	(15.5)	50.6	(14.8)
-60	(-51.1)	52.2	(15.3)	50.0	(14.7)	47.8	(14)	45.6	(13.4)	43.4	(12.7)	41.2	(12.1)	
KVD040V8-B Compressor Model S6H-20.2	-25	(-31.7)	173.0	(50.7)	169.6	(49.7)	166.4	(48.8)	163.4	(47.9)	160.6	(47.1)	158.4	(46.4)
	-30	(-34.4)	152.6	(44.7)	149.4	(43.8)	146.0	(42.8)	143.0	(41.9)	140.4	(41.1)	137.8	(40.4)
	-35	(-37.2)	133.8	(39.2)	130.6	(38.3)	127.6	(37.4)	124.6	(36.5)	121.8	(35.7)	119.2	(34.9)
	-40	(-40)	116.6	(34.2)	113.6	(33.3)	110.6	(32.4)	107.6	(31.5)	104.8	(30.7)	102.2	(30)
	-45	(-42.8)	101.0	(29.6)	98.0	(28.7)	95.0	(27.8)	92.2	(27)	89.4	(26.2)	86.8	(25.4)
	-50	(-45.6)	86.6	(25.4)	83.8	(24.6)	81.0	(23.7)	78.2	(22.9)	75.4	(22.1)	72.8	(21.3)
	-55	(-48.3)	73.6	(21.6)	71.0	(20.8)	68.4	(20)	65.6	(19.2)	63.0	(18.5)	60.4	(17.7)
-60	(-51.1)	62.0	(18.2)	59.6	(17.5)	57.0	(16.7)	54.4	(15.9)	51.8	(15.2)	49.4	(14.5)	
KVD050V8-B Compressor Model S6G-25.2	-25	(-31.7)	197.2	(57.8)	193.4	(56.7)	189.6	(55.6)	186.4	(54.6)	183.4	(53.7)	180.8	(53)
	-30	(-34.4)	174.0	(51)	170.2	(49.9)	166.6	(48.8)	163.2	(47.8)	160.0	(46.9)	157.4	(46.1)
	-35	(-37.2)	152.6	(44.7)	149.0	(43.7)	145.4	(42.6)	142.0	(41.6)	138.8	(40.7)	136.0	(39.9)
	-40	(-40)	133.0	(39)	129.4	(37.9)	126.0	(36.9)	122.6	(35.9)	119.4	(35)	116.4	(34.1)
	-45	(-42.8)	115.0	(33.7)	111.6	(32.7)	108.2	(31.7)	105.0	(30.8)	101.8	(29.8)	98.8	(29)
	-50	(-45.6)	98.6	(28.9)	95.4	(28)	92.2	(27)	89.0	(26.1)	86.0	(25.2)	83.0	(24.3)
	-55	(-48.3)	84.0	(24.6)	81.0	(23.7)	77.8	(22.8)	74.8	(21.9)	71.6	(21)	68.6	(20.1)
-60	(-51.1)	70.8	(20.7)	67.8	(19.9)	65.0	(19)	62.0	(18.2)	59.0	(17.3)	56.0	(16.4)	
KVD060V8-B Compressor Model S6F-30.2	-25	(-31.7)	235.4	(69)	230.8	(67.6)	226.6	(66.4)	222.6	(65.2)	219.0	(64.2)	216.2	(63.4)
	-30	(-34.4)	207.8	(60.9)	203.2	(59.6)	198.8	(58.3)	194.8	(57.1)	191.2	(56)	188.0	(55.1)
	-35	(-37.2)	182.2	(53.4)	177.8	(52.1)	173.6	(50.9)	169.4	(49.6)	165.8	(48.6)	162.4	(47.6)
	-40	(-40)	158.8	(46.5)	154.6	(45.3)	150.4	(44.1)	146.4	(42.9)	142.6	(41.8)	139.0	(40.7)
	-45	(-42.8)	137.2	(40.2)	133.2	(39)	129.2	(37.9)	125.4	(36.8)	121.6	(35.6)	118.0	(34.6)
	-50	(-45.6)	117.8	(34.5)	114.0	(33.4)	110.2	(32.3)	106.2	(31.1)	102.6	(30.1)	99.0	(29)
	-55	(-48.3)	100.2	(29.4)	96.6	(28.3)	92.8	(27.2)	89.2	(26.1)	85.4	(25)	82.0	(24)
-60	(-51.1)	84.4	(24.7)	81.0	(23.7)	77.4	(22.7)	73.8	(21.6)	70.2	(20.6)	66.8	(19.6)	

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		CAPACITY MBH (KW) <b>R407C</b> AMBIENT TEMPERATURE °F (°C)					
	°F	°C	85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)
<b>KVD030H8-B</b> Compressor Model 4PES-15	55 (12.8)		476.1 (139.5)	458.4 (134.4)	440.6 (129.1)	422.7 (123.9)	404.9 (118.7)	386.8 (113.4)
	50 (10)		435.5 (127.6)	419.0 (122.8)	402.6 (118)	386.0 (113.1)	369.2 (108.2)	352.6 (103.3)
	45 (7.2)		397.1 (116.4)	381.8 (111.9)	366.5 (107.4)	351.1 (102.9)	335.8 (98.4)	320.3 (93.9)
	40 (4.4)		360.8 (105.7)	346.7 (101.6)	332.6 (97.5)	318.6 (93.4)	304.3 (89.2)	290.0 (85)
	35 (1.7)		326.8 (95.8)	314.0 (92)	300.9 (88.2)	287.9 (84.4)	274.9 (80.6)	261.7 (76.7)
<b>KVD040H8-B</b> Compressor Model 4NES-20	55 (12.8)		565.7 (165.8)	545.2 (159.8)	524.4 (153.7)	503.6 (147.6)	482.8 (141.5)	461.8 (135.3)
	50 (10)		517.2 (151.6)	498.1 (146)	479.0 (140.4)	459.7 (134.7)	440.4 (129.1)	421.1 (123.4)
	45 (7.2)		471.7 (138.2)	454.0 (133.1)	436.2 (127.8)	418.3 (122.6)	400.5 (117.4)	382.6 (112.1)
	40 (4.4)		428.6 (125.6)	412.2 (120.8)	396.1 (116.1)	379.7 (111.3)	363.1 (106.4)	346.7 (101.6)
	35 (1.7)		388.1 (113.7)	373.4 (109.4)	358.3 (105)	343.4 (100.6)	328.2 (96.2)	313.1 (91.8)
<b>KVD050H8-B</b> Compressor Model 4HE-25	55 (12.8)		706.4 (207)	681.2 (199.7)	655.8 (192.2)	630.2 (184.7)	604.6 (177.2)	579.0 (169.7)
	50 (10)		649.1 (190.2)	625.6 (183.3)	601.9 (176.4)	578.1 (169.4)	554.2 (162.4)	530.3 (155.4)
	45 (7.2)		594.1 (174.1)	572.3 (167.7)	550.2 (161.2)	528.2 (154.8)	506.1 (148.3)	484.1 (141.9)
	40 (4.4)		541.8 (158.8)	521.4 (152.8)	501.3 (146.9)	480.9 (140.9)	460.5 (135)	440.2 (129)
	35 (1.7)		492.0 (144.2)	473.6 (138.8)	454.9 (133.3)	436.2 (127.8)	417.5 (122.4)	398.8 (116.9)
<b>KVD060H8-B</b> Compressor Model 4GE-30	55 (12.8)		823.6 (241.4)	794.9 (232.9)	766.1 (224.5)	737.1 (216)	707.9 (207.5)	678.7 (198.9)
	50 (10)		757.7 (222.1)	731.0 (214.2)	704.1 (206.4)	677.0 (198.4)	650.2 (190.5)	622.9 (182.5)
	45 (7.2)		694.5 (203.5)	669.7 (196.3)	644.9 (189)	619.9 (181.7)	594.9 (174.4)	569.7 (167)
	40 (4.4)		634.2 (185.9)	611.3 (179.2)	588.4 (172.4)	565.5 (165.7)	542.4 (159)	519.3 (152.2)
	35 (1.7)		577.1 (169.1)	556.1 (163)	535.1 (156.8)	514.1 (150.7)	492.9 (144.4)	471.7 (138.2)
<b>KVD070H8-B</b> Compressor Model 6HE-35	55 (12.8)		1031.5 (302.3)	994.4 (291.4)	957.0 (280.5)	919.2 (269.4)	881.2 (258.2)	843.2 (247.1)
	50 (10)		947.1 (277.6)	912.5 (267.4)	877.6 (257.2)	842.5 (246.9)	807.2 (236.6)	771.8 (226.2)
	45 (7.2)		866.5 (253.9)	834.5 (244.6)	802.2 (235.1)	769.7 (225.6)	737.1 (216)	704.3 (206.4)
	40 (4.4)		790.0 (231.5)	760.4 (222.9)	730.8 (214.2)	701.0 (205.4)	670.7 (196.6)	640.5 (187.7)
	35 (1.7)		717.8 (210.4)	690.7 (202.4)	663.4 (194.4)	636.1 (186.4)	608.6 (178.4)	580.9 (170.2)
<b>KVD080H8-B</b> Compressor Model 6GE-40	55 (12.8)		1208.8 (354.3)	1166.3 (341.8)	1123.5 (329.3)	1080.7 (316.7)	1037.4 (304)	993.7 (291.2)
	50 (10)		1110.5 (325.4)	1071.2 (313.9)	1031.5 (302.3)	991.4 (290.6)	951.3 (278.8)	911.0 (267)
	45 (7.2)		1016.8 (298)	980.5 (287.4)	943.7 (276.6)	907.0 (265.8)	869.8 (254.9)	832.4 (244)
	40 (4.4)		928.0 (272)	894.6 (262.2)	860.8 (252.3)	827.0 (242.4)	793.0 (232.4)	758.5 (222.3)
	35 (1.7)		844.0 (247.3)	813.5 (238.4)	782.7 (229.4)	751.8 (220.3)	720.5 (211.2)	689.2 (202)

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) <b>R407C</b> 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-B Compressor Model 4PES-15	30	(-1.1)	294.8 (86.4)	283.1 (83)	271.1 (79.5)	259.4 (76)	247.4 (72.5)	235.4 (69)
	25	(-3.9)	265.0 (77.7)	254.3 (74.5)	243.6 (71.4)	232.7 (68.2)	221.8 (65)	210.8 (61.8)
	20	(-6.7)	237.3 (69.5)	227.6 (66.7)	217.8 (63.8)	207.9 (60.9)	197.8 (58)	188.0 (55.1)
	15	(-9.4)	211.5 (62)	202.7 (59.4)	193.8 (56.8)	184.8 (54.2)	175.8 (51.5)	166.7 (48.9)
	10	(-12.2)	187.5 (55)	179.6 (52.6)	171.6 (50.3)	163.4 (47.9)	155.4 (45.5)	147.2 (43.1)
KVD040M8-B Compressor Model 4NES-20	30	(-1.1)	350.5 (102.7)	336.8 (98.7)	323.2 (94.7)	309.3 (90.7)	295.7 (86.7)	281.8 (82.6)
	25	(-3.9)	315.2 (92.4)	302.8 (88.7)	290.4 (85.1)	277.8 (81.4)	265.2 (77.7)	252.6 (74)
	20	(-6.7)	282.5 (82.8)	271.1 (79.5)	260.0 (76.2)	248.6 (72.9)	237.1 (69.5)	225.8 (66.2)
	15	(-9.4)	252.0 (73.9)	241.9 (70.9)	231.6 (67.9)	221.3 (64.9)	211.1 (61.9)	200.8 (58.8)
	10	(-12.2)	223.9 (65.6)	214.6 (62.9)	205.4 (60.2)	196.1 (57.5)	186.9 (54.8)	177.7 (52.1)
KVD050M8-B Compressor Model 4HE-25	30	(-1.1)	445.2 (130.5)	428.2 (125.5)	411.2 (120.5)	394.0 (115.5)	377.0 (110.5)	359.7 (105.4)
	25	(-3.9)	401.3 (117.6)	385.6 (113)	370.0 (108.4)	354.5 (103.9)	338.9 (99.3)	323.2 (94.7)
	20	(-6.7)	359.9 (105.5)	345.9 (101.4)	331.6 (97.2)	317.3 (93)	303.2 (88.9)	289.0 (84.7)
	15	(-9.4)	321.3 (94.2)	308.5 (90.4)	295.7 (86.7)	282.7 (82.8)	269.9 (79.1)	257.0 (75.3)
	10	(-12.2)	285.4 (83.6)	273.8 (80.3)	262.1 (76.8)	250.3 (73.4)	238.8 (70)	227.2 (66.6)
KVD060M8-B Compressor Model 4GE-30	30	(-1.1)	523.1 (153.3)	504.0 (147.7)	484.7 (142)	465.6 (136.4)	446.3 (130.8)	426.9 (125.1)
	25	(-3.9)	472.3 (138.4)	454.9 (133.3)	437.4 (128.2)	420.0 (123.1)	402.4 (117.9)	384.7 (112.7)
	20	(-6.7)	424.6 (124.4)	408.9 (119.8)	393.1 (115.2)	377.2 (110.5)	361.2 (105.9)	345.2 (101.2)
	15	(-9.4)	380.1 (111.4)	365.8 (107.2)	351.5 (103)	337.1 (98.8)	322.8 (94.6)	308.3 (90.3)
	10	(-12.2)	338.7 (99.3)	325.7 (95.5)	312.7 (91.6)	299.7 (87.8)	286.7 (84)	273.6 (80.2)
KVD070M8-B Compressor Model 6HE-35	30	(-1.1)	649.7 (190.4)	625.2 (183.2)	600.2 (175.9)	575.2 (168.6)	550.0 (161.2)	524.8 (153.8)
	25	(-3.9)	585.9 (171.7)	563.6 (165.2)	541.0 (158.5)	518.3 (151.9)	495.4 (145.2)	472.5 (138.5)
	20	(-6.7)	526.5 (154.3)	506.1 (148.3)	485.7 (142.4)	465.2 (136.3)	444.6 (130.3)	423.8 (124.2)
	15	(-9.4)	470.8 (138)	452.8 (132.7)	434.3 (127.3)	415.8 (121.9)	397.1 (116.4)	378.4 (110.9)
	10	(-12.2)	419.4 (122.9)	403.0 (118.1)	386.4 (113.2)	369.6 (108.3)	353.0 (103.5)	336.2 (98.5)
KVD080M8-B Compressor Model 6GE-40	30	(-1.1)	765.2 (224.3)	737.3 (216.1)	709.4 (207.9)	681.0 (199.6)	652.7 (191.3)	624.1 (182.9)
	25	(-3.9)	691.3 (202.6)	666.1 (195.2)	640.7 (187.8)	615.1 (180.3)	589.3 (172.7)	563.4 (165.1)
	20	(-6.7)	622.2 (182.4)	599.3 (175.6)	576.5 (168.9)	553.4 (162.2)	530.3 (155.4)	506.9 (148.6)
	15	(-9.4)	557.8 (163.5)	537.4 (157.5)	516.8 (151.5)	496.0 (145.4)	475.2 (139.3)	454.2 (133.1)
	10	(-12.2)	497.9 (145.9)	479.6 (140.6)	461.2 (135.2)	442.7 (129.7)	424.0 (124.3)	405.3 (118.8)
KVD100M8-B Compressor Model 6FE-50	30	(-1.1)	874.9 (256.4)	841.5 (246.6)	808.1 (236.8)	774.3 (226.9)	740.5 (217)	706.4 (207)
	25	(-3.9)	791.1 (231.8)	760.8 (223)	730.4 (214.1)	699.5 (205)	668.9 (196)	637.8 (186.9)
	20	(-6.7)	712.5 (208.8)	685.0 (200.8)	657.5 (192.7)	629.6 (184.5)	601.7 (176.3)	573.7 (168.1)
	15	(-9.4)	638.8 (187.2)	614.0 (180)	589.3 (172.7)	564.3 (165.4)	539.1 (158)	513.9 (150.6)
	10	(-12.2)	570.2 (167.1)	547.9 (160.6)	525.6 (154)	503.2 (147.5)	480.5 (140.8)	458.0 (134.2)

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) <b>R404A R507</b> 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-B Compressor 4PES-15	45	(7.2)	420.6 (123.3)	402.4 (117.9)	384.2 (112.6)	366.4 (107.4)	348.6 (102.2)	330.8 (96.9)
	40	(4.4)	386.2 (113.2)	369.2 (108.2)	352.4 (103.3)	335.6 (98.4)	319.0 (93.5)	302.4 (88.6)
	35	(1.7)	353.6 (103.6)	337.8 (99)	322.0 (94.4)	306.4 (89.8)	291.0 (85.3)	275.6 (80.8)
KVD040H8-B Compressor 4NES-20	45	(7.2)	503.4 (147.5)	482.2 (141.3)	461.2 (135.2)	440.2 (129)	419.4 (122.9)	398.8 (116.9)
	40	(4.4)	462.6 (135.6)	442.8 (129.8)	423.2 (124)	403.6 (118.3)	384.2 (112.6)	365.0 (107)
	35	(1.7)	423.6 (124.1)	405.4 (118.8)	387.0 (113.4)	369.0 (108.1)	350.8 (102.8)	333.0 (97.6)
KVD050H8-B Compressor 4HE-25	45	(7.2)	613.4 (179.8)	587.4 (172.1)	561.8 (164.6)	536.0 (157.1)	510.4 (149.6)	484.8 (142.1)
	40	(4.4)	567.2 (166.2)	543.2 (159.2)	519.0 (152.1)	495.0 (145.1)	471.0 (138)	447.0 (131)
	35	(1.7)	523.2 (153.3)	500.8 (146.8)	478.2 (140.1)	455.8 (133.6)	433.4 (127)	411.2 (120.5)
KVD060H8-B Compressor 4GE-30	45	(7.2)	702.6 (205.9)	672.6 (197.1)	642.6 (188.3)	612.6 (179.5)	582.8 (170.8)	552.8 (162)
	40	(4.4)	650.2 (190.6)	622.2 (182.3)	594.2 (174.1)	566.2 (165.9)	538.2 (157.7)	510.2 (149.5)
	35	(1.7)	600.0 (175.8)	574.0 (168.2)	547.8 (160.5)	521.8 (152.9)	495.8 (145.3)	469.8 (137.7)
KVD070H8-B Compressor 6HE-35	45	(7.2)	905.2 (265.3)	867.6 (254.3)	830.0 (243.2)	792.6 (232.3)	755.2 (221.3)	717.8 (210.4)
	40	(4.4)	836.8 (245.2)	801.6 (234.9)	766.4 (224.6)	731.4 (214.4)	696.4 (204.1)	661.4 (193.8)
	35	(1.7)	771.4 (226.1)	738.6 (216.5)	705.8 (206.8)	673.2 (197.3)	640.6 (187.7)	608.0 (178.2)
KVD080H8-B Compressor 6GE-40	45	(7.2)	1028.8 (301.5)	984.8 (288.6)	940.8 (275.7)	896.8 (262.8)	853.0 (250)	809.2 (237.2)
	40	(4.4)	952.2 (279.1)	911.2 (267)	870.0 (255)	829.2 (243)	788.2 (231)	747.4 (219)
	35	(1.7)	878.8 (257.5)	840.6 (246.4)	802.4 (235.2)	764.4 (224)	726.4 (212.9)	688.4 (201.7)



**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-B Compressor Model 4PES-15	30 (-1.1)		322.6 (94.5)	308.0 (90.3)	293.4 (86)	278.8 (81.7)	264.6 (77.5)	250.2 (73.3)		
	25 (-3.9)		293.2 (85.9)	279.8 (82)	266.2 (78)	253.0 (74.1)	239.6 (70.2)	226.6 (66.4)		
	20 (-6.7)		265.6 (77.8)	253.2 (74.2)	240.8 (70.6)	228.6 (67)	216.4 (63.4)	204.2 (59.8)		
	15 (-9.4)		239.6 (70.2)	228.2 (66.9)	216.8 (63.5)	205.6 (60.3)	194.6 (57)	183.4 (53.7)		
	10 (-12.2)		215.2 (63.1)	204.8 (60)	194.4 (57)	184.2 (54)	174.2 (51.1)	164.0 (48.1)		
	5 (-15)		192.4 (56.4)	183.0 (53.6)	173.6 (50.9)	164.4 (48.2)	155.2 (45.5)	146.0 (42.8)		
	0 (-17.8)		171.0 (50.1)	162.6 (47.7)	154.2 (45.2)	145.8 (42.7)	137.4 (40.3)	129.2 (37.9)		
KVD040M8-B Compressor Model 4NES-20	30 (-1.1)		386.8 (113.4)	369.8 (108.4)	353.0 (103.5)	336.2 (98.5)	319.6 (93.7)	303.0 (88.8)		
	25 (-3.9)		352.0 (103.2)	336.4 (98.6)	320.8 (94)	305.4 (89.5)	290.0 (85)	274.8 (80.5)		
	20 (-6.7)		319.2 (93.5)	304.8 (89.3)	290.6 (85.2)	276.4 (81)	262.4 (76.9)	248.4 (72.8)		
	15 (-9.4)		288.4 (84.5)	275.2 (80.7)	262.2 (76.8)	249.4 (73.1)	236.4 (69.3)	223.6 (65.5)		
	10 (-12.2)		259.4 (76)	247.6 (72.6)	235.8 (69.1)	224.0 (65.6)	212.2 (62.2)	200.6 (58.8)		
	5 (-15)		232.4 (68.1)	221.8 (65)	211.0 (61.8)	200.4 (58.7)	189.8 (55.6)	179.2 (52.5)		
	0 (-17.8)		207.4 (60.8)	197.6 (57.9)	188.0 (55.1)	178.4 (52.3)	169.0 (49.5)	159.4 (46.7)		
KVD050M8-B Compressor Model 4HE-25	30 (-1.1)		481.0 (141)	460.2 (134.9)	439.4 (128.8)	418.6 (122.7)	397.8 (116.6)	377.0 (110.5)		
	25 (-3.9)		440.8 (129.2)	421.6 (123.6)	402.4 (117.9)	383.2 (112.3)	363.8 (106.6)	344.6 (101)		
	20 (-6.7)		402.6 (118)	385.0 (112.8)	367.2 (107.6)	349.6 (102.5)	331.8 (97.2)	314.2 (92.1)		
	15 (-9.4)		366.4 (107.4)	350.2 (102.6)	334.0 (97.9)	317.8 (93.1)	301.4 (88.3)	285.2 (83.6)		
	10 (-12.2)		332.0 (97.3)	317.2 (93)	302.4 (88.6)	287.6 (84.3)	272.8 (79.9)	258.0 (75.6)		
	5 (-15)		299.6 (87.8)	286.2 (83.9)	272.8 (79.9)	259.4 (76)	246.0 (72.1)	232.4 (68.1)		
	0 (-17.8)		269.2 (78.9)	257.2 (75.4)	245.0 (71.8)	232.8 (68.2)	220.6 (64.7)	208.4 (61.1)		
KVD060M8-B Compressor Model 4GE-30	30 (-1.1)		552.0 (161.8)	527.8 (154.7)	503.6 (147.6)	479.6 (140.6)	455.4 (133.5)	431.2 (126.4)		
	25 (-3.9)		506.2 (148.4)	484.0 (141.8)	461.6 (135.3)	439.4 (128.8)	417.0 (122.2)	394.8 (115.7)		
	20 (-6.7)		462.6 (135.6)	442.2 (129.6)	421.6 (123.6)	401.2 (117.6)	380.6 (111.5)	360.2 (105.6)		
	15 (-9.4)		421.2 (123.4)	402.6 (118)	383.8 (112.5)	365.0 (107)	346.4 (101.5)	327.6 (96)		
	10 (-12.2)		382.0 (112)	365.0 (107)	348.0 (102)	331.0 (97)	313.8 (92)	296.8 (87)		
	5 (-15)		345.0 (101.1)	329.8 (96.7)	314.4 (92.1)	298.8 (87.6)	283.4 (83.1)	267.8 (78.5)		
	0 (-17.8)		310.2 (90.9)	296.4 (86.9)	282.6 (82.8)	268.6 (78.7)	254.6 (74.6)	240.6 (70.5)		
KVD070M8-B Compressor Model 6HE-35	30 (-1.1)		709.0 (207.8)	678.6 (198.9)	648.2 (190)	617.8 (181.1)	587.4 (172.1)	557.2 (163.3)		
	25 (-3.9)		649.4 (190.3)	621.4 (182.1)	593.2 (173.8)	565.2 (165.6)	537.2 (157.4)	509.2 (149.2)		
	20 (-6.7)		593.0 (173.8)	567.2 (166.2)	541.2 (158.6)	515.4 (151)	489.6 (143.5)	463.8 (135.9)		
	15 (-9.4)		539.4 (158.1)	515.8 (151.2)	492.0 (144.2)	468.4 (137.3)	444.6 (130.3)	421.0 (123.4)		
	10 (-12.2)		488.8 (143.3)	467.2 (136.9)	445.6 (130.6)	424.0 (124.3)	402.4 (117.9)	380.6 (111.5)		
	5 (-15)		441.2 (129.3)	421.6 (123.6)	401.8 (117.8)	382.2 (112)	362.6 (106.3)	342.8 (100.5)		
	0 (-17.8)		396.4 (116.2)	378.6 (111)	360.8 (105.7)	343.0 (100.5)	325.2 (95.3)	307.4 (90.1)		
KVD080M8-B Compressor Model 6GE-40	30 (-1.1)		808.6 (237)	773.2 (226.6)	738.0 (216.3)	702.6 (205.9)	667.4 (195.6)	632.2 (185.3)		
	25 (-3.9)		741.6 (217.3)	709.0 (207.8)	676.4 (198.2)	644.0 (188.7)	611.6 (179.2)	579.0 (169.7)		
	20 (-6.7)		677.8 (198.6)	648.0 (189.9)	618.0 (181.1)	588.2 (172.4)	558.4 (163.7)	528.6 (154.9)		
	15 (-9.4)		617.2 (180.9)	590.0 (172.9)	562.8 (164.9)	535.6 (157)	508.2 (148.9)	481.0 (141)		
	10 (-12.2)		559.8 (164.1)	535.2 (156.9)	510.4 (149.6)	485.6 (142.3)	460.8 (135)	436.0 (127.8)		
	5 (-15)		505.8 (148.2)	483.4 (141.7)	461.0 (135.1)	438.6 (128.5)	416.2 (122)	393.6 (115.4)		
	0 (-17.8)		455.0 (133.3)	434.8 (127.4)	414.6 (121.5)	394.4 (115.6)	374.2 (109.7)	354.0 (103.7)		
KVD100M8-B Compressor Model 6FE-50	30 (-1.1)		941.8 (276)	900.0 (263.8)	858.0 (251.5)	816.0 (239.1)	774.2 (226.9)	-		
	25 (-3.9)		867.2 (254.2)	828.6 (242.8)	790.0 (231.5)	751.2 (220.2)	712.6 (208.8)	-		
	20 (-6.7)		795.8 (233.2)	760.2 (222.8)	724.8 (212.4)	689.2 (202)	653.8 (191.6)	618.2 (181.2)		
	15 (-9.4)		727.4 (213.2)	695.0 (203.7)	662.6 (194.2)	630.2 (184.7)	597.8 (175.2)	565.2 (165.6)		
	10 (-12.2)		662.4 (194.1)	633.0 (185.5)	603.4 (176.8)	574.0 (168.2)	544.4 (159.5)	514.8 (150.9)		
	5 (-15)		600.4 (176)	574.0 (168.2)	547.2 (160.4)	520.6 (152.6)	493.8 (144.7)	466.8 (136.8)		
	0 (-17.8)		542.0 (158.8)	518.0 (151.8)	494.0 (144.8)	470.0 (137.7)	445.6 (130.6)	421.4 (123.5)		

**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)
KVD024L6-B Compressor Model 4NES-14	0	(-17.8)	187.0	(54.8)	178.0	(52.2)	168.8	(49.5)	159.8	(46.8)	150.6	(44.1)	141.6	(41.5)
	-5	(-20.6)	167.4	(49.1)	159.2	(46.7)	151.0	(44.3)	142.6	(41.8)	134.4	(39.4)	126.2	(37)
	-10	(-23.3)	149.0	(43.7)	141.6	(41.5)	134.0	(39.3)	126.6	(37.1)	119.2	(34.9)	111.8	(32.8)
	-15	(-26.1)	131.8	(38.6)	125.0	(36.6)	118.4	(34.7)	111.6	(32.7)	105.0	(30.8)	98.4	(28.8)
	-20	(-28.9)	115.8	(33.9)	109.8	(32.2)	103.8	(30.4)	97.8	(28.7)	91.8	(26.9)	85.8	(25.1)
	-25	(-31.7)	100.8	(29.5)	95.6	(28)	90.2	(26.4)	84.8	(24.9)	79.4	(23.3)	74.0	(21.7)
	-30	(-34.4)	87.2	(25.6)	82.4	(24.1)	77.6	(22.7)	72.8	(21.3)	68.0	(19.9)	63.2	(18.5)
	-35	(-37.2)	74.6	(21.9)	70.2	(20.6)	66.0	(19.3)	61.6	(18.1)	57.4	(16.8)	53.0	(15.5)
-40	(-40)	63.0	(18.5)	59.0	(17.3)	55.2	(16.2)	51.4	(15.1)	47.4	(13.9)	43.6	(12.8)	
KVD030L6-B Compressor Model 4HE-18	0	(-17.8)	249.8	(73.2)	238.4	(69.9)	227.0	(66.5)	215.6	(63.2)	204.2	(59.8)	192.8	(56.5)
	-5	(-20.6)	225.4	(66.1)	215.0	(63)	204.6	(60)	194.2	(56.9)	184.0	(53.9)	173.6	(50.9)
	-10	(-23.3)	202.4	(59.3)	193.0	(56.6)	183.6	(53.8)	174.2	(51.1)	164.8	(48.3)	155.4	(45.5)
	-15	(-26.1)	180.4	(52.9)	172.0	(50.4)	163.6	(47.9)	155.2	(45.5)	146.6	(43)	138.4	(40.6)
	-20	(-28.9)	160.0	(46.9)	152.4	(44.7)	144.8	(42.4)	137.2	(40.2)	129.6	(38)	122.2	(35.8)
	-25	(-31.7)	140.6	(41.2)	133.8	(39.2)	127.0	(37.2)	120.2	(35.2)	113.6	(33.3)	106.8	(31.3)
	-30	(-34.4)	122.4	(35.9)	116.4	(34.1)	110.4	(32.4)	104.4	(30.6)	98.4	(28.8)	92.4	(27.1)
	-35	(-37.2)	105.6	(30.9)	100.2	(29.4)	94.8	(27.8)	89.4	(26.2)	84.0	(24.6)	78.8	(23.1)
-40	(-40)	89.8	(26.3)	85.0	(24.9)	80.2	(23.5)	75.4	(22.1)	70.6	(20.7)	65.8	(19.3)	
KVD040L6-B Compressor Model 4GE-23	0	(-17.8)	300.2	(88)	286.8	(84.1)	273.4	(80.1)	260.0	(76.2)	246.6	(72.3)	233.4	(68.4)
	-5	(-20.6)	270.8	(79.4)	258.6	(75.8)	246.6	(72.3)	234.4	(68.7)	222.4	(65.2)	210.4	(61.7)
	-10	(-23.3)	243.0	(71.2)	232.0	(68)	221.2	(64.8)	210.4	(61.7)	199.4	(58.4)	188.6	(55.3)
	-15	(-26.1)	216.8	(63.5)	207.0	(60.7)	197.4	(57.9)	187.6	(55)	178.0	(52.2)	168.2	(49.3)
	-20	(-28.9)	192.2	(56.3)	183.6	(53.8)	174.8	(51.2)	166.2	(48.7)	157.6	(46.2)	149.0	(43.7)
	-25	(-31.7)	169.2	(49.6)	161.6	(47.4)	153.8	(45.1)	146.2	(42.8)	138.6	(40.6)	130.8	(38.3)
	-30	(-34.4)	147.8	(43.3)	141.0	(41.3)	134.2	(39.3)	127.4	(37.3)	120.6	(35.3)	113.8	(33.4)
	-35	(-37.2)	127.8	(37.5)	121.8	(35.7)	115.8	(33.9)	109.8	(32.2)	103.8	(30.4)	97.8	(28.7)
-40	(-40)	109.2	(32)	104.0	(30.5)	98.6	(28.9)	93.2	(27.3)	88.0	(25.8)	82.8	(24.3)	
KVD050L6-B Compressor Model 6HE-28	0	(-17.8)	378.6	(111)	361.6	(106)	344.4	(100.9)	327.4	(96)	310.4	(91)	293.6	(86)
	-5	(-20.6)	340.8	(99.9)	325.4	(95.4)	309.8	(90.8)	294.4	(86.3)	279.0	(81.8)	263.6	(77.3)
	-10	(-23.3)	305.2	(89.4)	291.2	(85.3)	277.2	(81.2)	263.4	(77.2)	249.4	(73.1)	235.4	(69)
	-15	(-26.1)	271.8	(79.7)	259.2	(76)	246.6	(72.3)	234.0	(68.6)	221.4	(64.9)	209.0	(61.3)
	-20	(-28.9)	240.6	(70.5)	229.2	(67.2)	217.8	(63.8)	206.6	(60.5)	195.2	(57.2)	184.0	(53.9)
	-25	(-31.7)	211.2	(61.9)	201.2	(59)	191.0	(56)	180.8	(53)	170.8	(50.1)	160.6	(47.1)
	-30	(-34.4)	184.0	(53.9)	175.0	(51.3)	165.8	(48.6)	156.8	(46)	147.8	(43.3)	138.6	(40.6)
	-35	(-37.2)	158.6	(46.5)	150.6	(44.1)	142.4	(41.7)	134.2	(39.3)	126.2	(37)	118.0	(34.6)
-40	(-40)	135.2	(39.6)	127.8	(37.5)	120.6	(35.3)	113.2	(33.2)	106.0	(31.1)	98.6	(28.9)	
KVD060L6-B Compressor Model 6GE-34	0	(-17.8)	431.8	(126.5)	412.8	(121)	394.0	(115.5)	375.0	(109.9)	356.0	(104.3)	336.8	(98.7)
	-5	(-20.6)	391.4	(114.7)	374.4	(109.7)	357.2	(104.7)	340.0	(99.6)	322.8	(94.6)	305.4	(89.5)
	-10	(-23.3)	353.0	(103.5)	337.6	(98.9)	322.2	(94.4)	306.8	(89.9)	291.2	(85.3)	275.6	(80.8)
	-15	(-26.1)	316.6	(92.8)	302.8	(88.7)	289.2	(84.8)	275.2	(80.7)	261.4	(76.6)	247.4	(72.5)
	-20	(-28.9)	282.2	(82.7)	270.0	(79.1)	257.8	(75.6)	245.4	(71.9)	233.0	(68.3)	220.4	(64.6)
	-25	(-31.7)	250.0	(73.3)	239.0	(70)	228.2	(66.9)	217.2	(63.7)	206.0	(60.4)	194.8	(57.1)
	-30	(-34.4)	219.6	(64.4)	210.0	(61.5)	200.4	(58.7)	190.6	(55.9)	180.6	(52.9)	170.6	(50)
	-35	(-37.2)	191.4	(56.1)	182.8	(53.6)	174.2	(51.1)	165.4	(48.5)	156.6	(45.9)	147.6	(43.3)
-40	(-40)	165.0	(48.4)	157.4	(46.1)	149.6	(43.8)	141.8	(41.6)	133.8	(39.2)	125.8	(36.9)	
KVD080L6-B Compressor Model 6FE-44	0	(-17.8)	512.8	(150.3)	490.0	(143.6)	467.2	(136.9)	444.2	(130.2)	421.4	(123.5)	398.4	(116.8)
	-5	(-20.6)	464.8	(136.2)	444.0	(130.1)	423.4	(124.1)	402.6	(118)	381.8	(111.9)	361.0	(105.8)
	-10	(-23.3)	418.8	(122.7)	400.2	(117.3)	381.6	(111.8)	362.8	(106.3)	344.0	(100.8)	325.2	(95.3)
	-15	(-26.1)	375.2	(110)	358.6	(105.1)	341.8	(100.2)	324.8	(95.2)	308.0	(90.3)	291.0	(85.3)
	-20	(-28.9)	334.0	(97.9)	319.0	(93.5)	304.0	(89.1)	288.8	(84.6)	273.6	(80.2)	258.2	(75.7)
	-25	(-31.7)	295.2	(86.5)	281.8	(82.6)	268.2	(78.6)	254.6	(74.6)	240.8	(70.6)	227.0	(66.5)
	-30	(-34.4)	258.6	(75.8)	246.6	(72.3)	234.4	(68.7)	222.2	(65.1)	209.8	(61.5)	197.4	(57.9)
	-35	(-37.2)	224.4	(65.8)	213.6	(62.6)	202.6	(59.4)	191.4	(56.1)	180.2	(52.8)	169.0	(49.5)
-40	(-40)	192.4	(56.4)	182.6	(53.5)	172.4	(50.5)	162.4	(47.6)	152.2	(44.6)	141.8	(41.6)	

**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)		
KVD024D6-B Compressor Model 4NES-14	0 (-17.8)		182.8 (53.6)	173.8 (50.9)	164.8 (48.3)	155.8 (45.7)	147.0 (43.1)	138.0 (40.4)		
	-5 (-20.6)		164.0 (48.1)	155.8 (45.7)	147.6 (43.3)	139.4 (40.9)	131.4 (38.5)	123.2 (36.1)		
	-10 (-23.3)		146.2 (42.8)	138.8 (40.7)	131.4 (38.5)	124.0 (36.3)	116.8 (34.2)	109.4 (32.1)		
	-15 (-26.1)		129.4 (37.9)	122.8 (36)	116.2 (34.1)	109.6 (32.1)	103.0 (30.2)	96.4 (28.3)		
	-20 (-28.9)		113.8 (33.4)	108.0 (31.7)	102.0 (29.9)	96.0 (28.1)	90.2 (26.4)	84.2 (24.7)		
	-25 (-31.7)		99.4 (29.1)	94.0 (27.5)	88.8 (26)	83.4 (24.4)	78.2 (22.9)	72.8 (21.3)		
	-30 (-34.4)		86.0 (25.2)	81.2 (23.8)	76.4 (22.4)	71.8 (21)	67.0 (19.6)	62.2 (18.2)		
	-35 (-37.2)		73.6 (21.6)	69.4 (20.3)	65.0 (19)	60.8 (17.8)	56.6 (16.6)	52.4 (15.4)		
	-40 (-40)		62.2 (18.2)	58.4 (17.1)	54.6 (16)	50.6 (14.8)	46.8 (13.7)	43.2 (12.7)		
KVD030D6-B Compressor Model 4HE-18	0 (-17.8)		242.0 (70.9)	230.8 (67.6)	219.6 (64.4)	208.4 (61.1)	197.4 (57.9)	186.2 (54.6)		
	-5 (-20.6)		219.0 (64.2)	208.8 (61.2)	198.6 (58.2)	188.4 (55.2)	178.2 (52.2)	168.2 (49.3)		
	-10 (-23.3)		197.0 (57.7)	187.8 (55)	178.6 (52.3)	169.4 (49.6)	160.2 (46.9)	151.0 (44.3)		
	-15 (-26.1)		176.2 (51.6)	167.8 (49.2)	159.4 (46.7)	151.2 (44.3)	142.8 (41.9)	134.6 (39.4)		
	-20 (-28.9)		156.4 (45.8)	149.0 (43.7)	141.4 (41.4)	134.0 (39.3)	126.6 (37.1)	119.2 (34.9)		
	-25 (-31.7)		137.8 (40.4)	131.0 (38.4)	124.4 (36.5)	117.8 (34.5)	111.0 (32.5)	104.4 (30.6)		
	-30 (-34.4)		120.2 (35.2)	114.2 (33.5)	108.2 (31.7)	102.4 (30)	96.4 (28.3)	90.6 (26.6)		
	-35 (-37.2)		103.8 (30.4)	98.6 (28.9)	93.2 (27.3)	87.8 (25.7)	82.6 (24.2)	77.4 (22.7)		
	-40 (-40)		88.6 (26)	83.8 (24.6)	79.0 (23.2)	74.2 (21.7)	69.4 (20.3)	64.8 (19)		
KVD040D6-B Compressor Model 4GE-23	0 (-17.8)		294.4 (86.3)	281.2 (82.4)	268.0 (78.5)	254.8 (74.7)	241.6 (70.8)	228.4 (66.9)		
	-5 (-20.6)		266.0 (78)	254.0 (74.4)	242.2 (71)	230.2 (67.5)	218.2 (63.9)	206.2 (60.4)		
	-10 (-23.3)		239.0 (70)	228.4 (66.9)	217.6 (63.8)	206.8 (60.6)	196.0 (57.4)	185.4 (54.3)		
	-15 (-26.1)		213.6 (62.6)	204.0 (59.8)	194.4 (57)	184.8 (54.2)	175.2 (51.3)	165.6 (48.5)		
	-20 (-28.9)		189.6 (55.6)	181.2 (53.1)	172.6 (50.6)	164.0 (48.1)	155.4 (45.5)	146.8 (43)		
	-25 (-31.7)		167.2 (49)	159.6 (46.8)	152.0 (44.5)	144.4 (42.3)	136.8 (40.1)	129.2 (37.9)		
	-30 (-34.4)		146.2 (42.8)	139.4 (40.9)	132.6 (38.9)	126.0 (36.9)	119.2 (34.9)	112.6 (33)		
	-35 (-37.2)		126.6 (37.1)	120.6 (35.3)	114.6 (33.6)	108.6 (31.8)	102.8 (30.1)	96.8 (28.4)		
	-40 (-40)		108.4 (31.8)	103.0 (30.2)	97.8 (28.7)	92.4 (27.1)	87.2 (25.6)	82.0 (24)		
KVD050D6-B Compressor Model 6HE-28	0 (-17.8)		370.4 (108.6)	353.6 (103.6)	336.8 (98.7)	320.0 (93.8)	303.4 (88.9)	286.6 (84)		
	-5 (-20.6)		334.2 (97.9)	318.8 (93.4)	303.6 (89)	288.4 (84.5)	273.0 (80)	257.8 (75.6)		
	-10 (-23.3)		299.8 (87.9)	286.0 (83.8)	272.2 (79.8)	258.2 (75.7)	244.4 (71.6)	230.8 (67.6)		
	-15 (-26.1)		267.4 (78.4)	255.0 (74.7)	242.4 (71)	230.0 (67.4)	217.6 (63.8)	205.0 (60.1)		
	-20 (-28.9)		237.0 (69.5)	225.6 (66.1)	214.4 (62.8)	203.2 (59.6)	192.2 (56.3)	181.0 (53)		
	-25 (-31.7)		208.4 (61.1)	198.4 (58.1)	188.2 (55.2)	178.2 (52.2)	168.2 (49.3)	158.2 (46.4)		
	-30 (-34.4)		181.6 (53.2)	172.6 (50.6)	163.6 (47.9)	154.6 (45.3)	145.8 (42.7)	136.8 (40.1)		
	-35 (-37.2)		156.8 (46)	148.8 (43.6)	140.6 (41.2)	132.6 (38.9)	124.6 (36.5)	116.6 (34.2)		
	-40 (-40)		133.8 (39.2)	126.4 (37)	119.2 (34.9)	112.0 (32.8)	104.8 (30.7)	97.4 (28.5)		
KVD060D6-B Compressor Model 6GE-34	0 (-17.8)		421.4 (123.5)	402.6 (118)	384.0 (112.5)	365.2 (107)	346.4 (101.5)	327.4 (96)		
	-5 (-20.6)		382.8 (112.2)	365.8 (107.2)	349.0 (102.3)	332.0 (97.3)	314.8 (92.3)	297.8 (87.3)		
	-10 (-23.3)		345.8 (101.3)	330.6 (96.9)	315.4 (92.4)	300.2 (88)	284.8 (83.5)	269.2 (78.9)		
	-15 (-26.1)		310.8 (91.1)	297.2 (87.1)	283.6 (83.1)	269.8 (79.1)	256.0 (75)	242.2 (71)		
	-20 (-28.9)		277.6 (81.4)	265.4 (77.8)	253.2 (74.2)	241.0 (70.6)	228.6 (67)	216.2 (63.4)		
	-25 (-31.7)		246.2 (72.2)	235.4 (69)	224.6 (65.8)	213.6 (62.6)	202.6 (59.4)	191.4 (56.1)		
	-30 (-34.4)		216.8 (63.5)	207.2 (60.7)	197.4 (57.9)	187.8 (55)	178.0 (52.2)	168.0 (49.2)		
	-35 (-37.2)		189.0 (55.4)	180.4 (52.9)	171.8 (50.3)	163.2 (47.8)	154.4 (45.3)	145.6 (42.7)		
	-40 (-40)		163.2 (47.8)	155.6 (45.6)	147.8 (43.3)	140.0 (41)	132.2 (38.7)	124.0 (36.3)		

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)
KVD016V6-B Compressor Model S4N-8.2Y	-25	(-31.7)	78.2	(22.9)	77.2	(22.6)	76.0	(22.3)	75.0	(22)	73.8	(21.6)	72.6	(21.3)
	-30	(-34.4)	69.8	(20.5)	68.8	(20.2)	67.8	(19.9)	66.8	(19.6)	65.6	(19.2)	64.6	(18.9)
	-35	(-37.2)	62.0	(18.2)	61.0	(17.9)	60.2	(17.6)	59.2	(17.3)	58.2	(17.1)	57.0	(16.7)
	-40	(-40)	54.8	(16.1)	54.0	(15.8)	53.2	(15.6)	52.2	(15.3)	51.2	(15)	50.2	(14.7)
	-45	(-42.8)	48.4	(14.2)	47.6	(14)	46.8	(13.7)	46.0	(13.5)	45.0	(13.2)	44.0	(12.9)
	-50	(-45.6)	42.4	(12.4)	41.8	(12.3)	41.0	(12)	40.2	(11.8)	39.4	(11.5)	38.4	(11.3)
	-55	(-48.3)	37.0	(10.8)	36.4	(10.7)	35.6	(10.4)	35.0	(10.3)	34.2	(10)	33.4	(9.8)
	-60	(-51.1)	32.0	(9.4)	31.4	(9.2)	30.8	(9)	30.2	(8.9)	29.6	(8.7)	28.8	(8.4)
KVD024V6-B Compressor Model S4G-12.2Y	-25	(-31.7)	121.4	(35.6)	119.6	(35.1)	117.8	(34.5)	115.8	(33.9)	113.8	(33.4)	111.8	(32.8)
	-30	(-34.4)	109.8	(32.2)	108.0	(31.7)	106.2	(31.1)	104.4	(30.6)	102.4	(30)	100.2	(29.4)
	-35	(-37.2)	98.6	(28.9)	97.0	(28.4)	95.2	(27.9)	93.4	(27.4)	91.6	(26.8)	89.6	(26.3)
	-40	(-40)	88.2	(25.8)	86.6	(25.4)	85.0	(24.9)	83.2	(24.4)	81.4	(23.9)	79.6	(23.3)
	-45	(-42.8)	78.2	(22.9)	76.8	(22.5)	75.2	(22)	73.6	(21.6)	72.0	(21.1)	70.2	(20.6)
	-50	(-45.6)	69.0	(20.2)	67.8	(19.9)	66.2	(19.4)	64.8	(19)	63.2	(18.5)	61.8	(18.1)
	-55	(-48.3)	60.4	(17.7)	59.2	(17.3)	58.0	(17)	56.6	(16.6)	55.2	(16.2)	54.0	(15.8)
	-60	(-51.1)	52.4	(15.4)	51.4	(15.1)	50.2	(14.7)	49.0	(14.4)	48.0	(14.1)	46.8	(13.7)
KVD032V6-B Compressor Model S6J-16.2Y	-25	(-31.7)	168.2	(49.3)	165.6	(48.5)	163.0	(47.8)	160.4	(47)	157.8	(46.2)	155.4	(45.5)
	-30	(-34.4)	152.2	(44.6)	149.6	(43.8)	147.2	(43.1)	144.6	(42.4)	142.0	(41.6)	139.6	(40.9)
	-35	(-37.2)	137.0	(40.2)	134.6	(39.4)	132.2	(38.7)	129.8	(38)	127.4	(37.3)	124.8	(36.6)
	-40	(-40)	122.8	(36)	120.6	(35.3)	118.2	(34.6)	116.0	(34)	113.6	(33.3)	111.2	(32.6)
	-45	(-42.8)	109.4	(32.1)	107.4	(31.5)	105.2	(30.8)	103.0	(30.2)	100.8	(29.5)	98.6	(28.9)
	-50	(-45.6)	97.0	(28.4)	95.0	(27.8)	93.0	(27.3)	91.0	(26.7)	89.0	(26.1)	87.0	(25.5)
	-55	(-48.3)	85.4	(25)	83.6	(24.5)	81.8	(24)	80.0	(23.4)	78.0	(22.9)	76.2	(22.3)
	-60	(-51.1)	74.6	(21.9)	73.0	(21.4)	71.4	(20.9)	69.8	(20.5)	68.2	(20)	66.4	(19.5)
KVD040V6-B Compressor Model S6H-20.2Y	-25	(-31.7)	197.6	(57.9)	194.8	(57.1)	191.8	(56.2)	188.8	(55.3)	185.6	(54.4)	182.4	(53.5)
	-30	(-34.4)	179.0	(52.5)	176.2	(51.6)	173.2	(50.8)	170.2	(49.9)	167.2	(49)	164.0	(48.1)
	-35	(-37.2)	161.2	(47.2)	158.6	(46.5)	155.6	(45.6)	152.8	(44.8)	149.8	(43.9)	146.8	(43)
	-40	(-40)	144.4	(42.3)	141.8	(41.6)	139.2	(40.8)	136.4	(40)	133.6	(39.2)	130.8	(38.3)
	-45	(-42.8)	128.6	(37.7)	126.2	(37)	123.8	(36.3)	121.2	(35.5)	118.6	(34.8)	115.8	(33.9)
	-50	(-45.6)	113.8	(33.4)	111.6	(32.7)	109.4	(32.1)	107.0	(31.4)	104.6	(30.7)	102.2	(30)
	-55	(-48.3)	100.0	(29.3)	98.0	(28.7)	96.0	(28.1)	93.8	(27.5)	91.6	(26.8)	89.4	(26.2)
	-60	(-51.1)	87.4	(25.6)	85.6	(25.1)	83.6	(24.5)	81.8	(24)	79.8	(23.4)	78.0	(22.9)
KVD050V6-B Compressor Model S6G-25.2Y	-25	(-31.7)	224.4	(65.8)	221.2	(64.8)	217.8	(63.8)	214.2	(62.8)	210.4	(61.7)	206.8	(60.6)
	-30	(-34.4)	203.2	(59.6)	200.0	(58.6)	196.8	(57.7)	193.2	(56.6)	189.6	(55.6)	186.0	(54.5)
	-35	(-37.2)	183.2	(53.7)	180.2	(52.8)	177.0	(51.9)	173.6	(50.9)	170.2	(49.9)	166.6	(48.8)
	-40	(-40)	164.2	(48.1)	161.4	(47.3)	158.2	(46.4)	155.0	(45.4)	151.8	(44.5)	148.6	(43.6)
	-45	(-42.8)	146.4	(42.9)	143.8	(42.1)	140.8	(41.3)	137.8	(40.4)	134.8	(39.5)	131.8	(38.6)
	-50	(-45.6)	129.8	(38)	127.2	(37.3)	124.6	(36.5)	121.8	(35.7)	119.0	(34.9)	116.2	(34.1)
	-55	(-48.3)	114.2	(33.5)	111.8	(32.8)	109.4	(32.1)	106.8	(31.3)	104.4	(30.6)	101.8	(29.8)
	-60	(-51.1)	99.6	(29.2)	97.6	(28.6)	95.4	(28)	93.2	(27.3)	91.0	(26.7)	88.8	(26)
KVD060V6-B Compressor Model S6F-30.2Y	-25	(-31.7)	266.6	(78.1)	262.2	(76.8)	257.8	(75.6)	253.2	(74.2)	248.6	(72.9)	244.0	(71.5)
	-30	(-34.4)	241.4	(70.7)	237.4	(69.6)	233.0	(68.3)	228.6	(67)	224.2	(65.7)	219.6	(64.4)
	-35	(-37.2)	217.6	(63.8)	213.8	(62.7)	209.6	(61.4)	205.4	(60.2)	201.2	(59)	197.0	(57.7)
	-40	(-40)	195.2	(57.2)	191.4	(56.1)	187.6	(55)	183.6	(53.8)	179.6	(52.6)	175.6	(51.5)
	-45	(-42.8)	174.0	(51)	170.6	(50)	167.0	(48.9)	163.4	(47.9)	159.6	(46.8)	156.0	(45.7)
	-50	(-45.6)	154.2	(45.2)	151.0	(44.3)	147.8	(43.3)	144.4	(42.3)	141.0	(41.3)	137.8	(40.4)
	-55	(-48.3)	135.8	(39.8)	133.0	(39)	130.0	(38.1)	127.0	(37.2)	124.0	(36.3)	121.0	(35.5)
	-60	(-51.1)	118.6	(34.8)	116.2	(34.1)	113.6	(33.3)	110.8	(32.5)	108.2	(31.7)	105.6	(30.9)

**ELECTRICAL DATA -  
SINGLE COMPRESSOR MODELS**

CONDENSING UNIT MODEL	COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		CONDENSER FAN MTR.			UNIT		
			RLA	LRA	QTY	WATTS	FLA	MCA	MOP	
KVS015H8-	HT3B -B	4PES-15-2NU-Y	208-230/3/60	60.0	294	2	3700	13.2	88.2	125
	HT4B -B	4PES-15-2NU-Y	460/3/60	27.1	147	2	3700	6.2	40.1	60
	HT5B -B	4PES-15-5PU-Y	575/3/60	21.8	117	2	3700	5.0	32.3	50
KVS020H8-	HT3B -B	4NES-20-2NU-Y	208-230/3/60	71.1	352	2	3700	13.2	102.1	150
	HT4B -B	4NES-20-2NU-Y	460/3/60	32.1	176	2	3700	6.2	46.3	70
	HT5B -B	4NES-20-5PU-Y	575/3/60	26.3	140	2	3700	5.0	37.9	60
KVS025H8-	HT3B -B	4HE-25-2NU-Y	208-230/3/60	93.2	436	2	3700	13.2	129.7	200
	HT4B -B	4HE-25-2NU-Y	460/3/60	42.1	218	2	3700	6.2	58.8	100
	HT5B -B	4HE-25-5PU-Y	575/3/60	33.6	174	2	3700	5.0	47.0	80
KVS030H8-	HT3B -B	4GE-30-2NU-Y	208-230/3/60	110.6	490	2	3700	13.2	151.5	250
	HT4B -B	4GE-30-2NU-Y	460/3/60	50.0	245	2	3700	6.2	68.7	110
	HT5B -B	4GE-30-5PU-Y	575/3/60	40.0	196	2	3700	5.0	55.0	90
KVS035H8-	HT3B -B	6HE-35-2NU-Y	208-230/3/60	129.5	550	3	5550	19.8	181.7	300
	HT4B -B	6HE-35-2NU-Y	460/3/60	58.6	275	3	5550	9.3	82.6	125
	HT5B -B	6HE-35-5PU-Y	575/3/60	46.4	220	3	5550	7.5	65.5	110
KVS040H8-	HT3B -B	6GE-40-2NU-Y	208-230/3/60	173.8	700	3	5550	19.8	237.1	400
	HT4B -B	6GE-40-2NU-Y	460/3/60	78.6	350	3	5550	9.3	107.6	175
	HT5B -B	6GE-40-5PU-Y	575/3/60	62.9	280	3	5550	7.5	86.1	125
KVS015M8-	HT3B -B	4PES-15-2NU-Y	208-230/3/60	60.0	294	2	3700	13.2	88.2	125
	HT4B -B	4PES-15-2NU-Y	460/3/60	27.1	147	2	3700	6.2	40.1	60
	HT5B -B	4PES-15-5PU-Y	575/3/60	21.8	117	2	3700	5.0	32.3	50
KVS020M8-	HT3B -B	4NES-20-2NU-Y	208-230/3/60	71.1	352	2	3700	13.2	102.1	150
	HT4B -B	4NES-20-2NU-Y	460/3/60	32.1	176	2	3700	6.2	46.3	70
	HT5B -B	4NES-20-5PU-Y	575/3/60	26.3	140	2	3700	5.0	37.9	60
KVS025M8-	HT3B -B	4HE-25-2NU-Y	208-230/3/60	93.2	436	2	3700	13.2	129.7	200
	HT4B -B	4HE-25-2NU-Y	460/3/60	42.1	218	2	3700	6.2	58.8	100
	HT5B -B	4HE-25-5PU-Y	575/3/60	33.6	174	2	3700	5.0	47.0	80
KVS030M8-	HT3B -B	4GE-30-2NU-Y	208-230/3/60	110.6	490	2	3700	13.2	151.5	250
	HT4B -B	4GE-30-2NU-Y	460/3/60	50.0	245	2	3700	6.2	68.7	110
	HT5B -B	4GE-30-5PU-Y	575/3/60	40.0	196	2	3700	5.0	55.0	90
KVS035M8-	HT3B -B	6HE-35-2NU-Y	208-230/3/60	129.5	550	3	5550	19.8	181.7	300
	HT4B -B	6HE-35-2NU-Y	460/3/60	58.6	275	3	5550	9.3	82.6	125
	HT5B -B	6HE-35-5PU-Y	575/3/60	46.4	220	3	5550	7.5	65.5	110
KVS040M8-	HT3B -B	6GE-40-2NU-Y	208-230/3/60	173.8	700	3	5550	19.8	237.1	400
	HT4B -B	6GE-40-2NU-Y	460/3/60	78.6	350	3	5550	9.3	107.6	175
	HT5B -B	6GE-40-5PU-Y	575/3/60	62.9	280	3	5550	7.5	86.1	125
KVS050M8-	HT3B -B	6FE-50-2NU-Y	208-230/3/60	176.9	950	3	5550	19.8	240.9	400
	HT4B -B	6FE-50-2NU-Y	460/3/60	80.0	425	3	5550	9.3	109.3	175
	HT5B -B	6FE-50-5PU-Y	575/3/60	63.6	340	3	5550	7.5	87.0	150
KVS012L 6/8 -	HT3B -B	4NES-14-2NU-Y	208-230/3/60	49.0	252	1	1850	6.6	67.9	110
	HT4B -B	4NES-14-2NU-Y	460/3/60	22.1	126	1	1850	3.1	30.7	50
	HT5B -B	4NES-14-5PU-Y	575/3/60	17.7	101	1	1850	2.5	24.6	40
KVS015L 6/8 -	HT3B -B	4HE-18-2NU-Y	208-230/3/60	66.7	352	1	1850	6.6	90.0	150
	HT4B -B	4HE-18-2NU-Y	460/3/60	30.1	176	1	1850	3.1	40.7	70
	HT5B -B	4HE-18-5PU-Y	575/3/60	24.1	140	1	1850	2.5	32.6	50
KVS020L 6/8 -	HT3B -B	4GE-23-2NU-Y	208-230/3/60	71.1	352	2	3700	13.2	102.1	150
	HT4B -B	4GE-23-2NU-Y	460/3/60	32.1	176	2	3700	6.2	46.3	70
	HT5B -B	4GE-23-5PU-Y	575/3/60	25.7	140	2	3700	5.0	37.1	60
KVS025L 6/8 -	HT3B -B	6HE-28-2NU-Y	208-230/3/60	95.6	490	2	3700	13.2	132.7	225
	HT4B -B	6HE-28-2NU-Y	460/3/60	43.2	245	2	3700	6.2	60.2	100
	HT5B -B	6HE-28-5PU-Y	575/3/60	34.6	196	2	3700	5.0	48.3	80
KVS030L 6/8 -	HT3B -B	6GE-34-2NU-Y	208-230/3/60	104.3	490	2	3700	13.2	143.6	225
	HT4B -B	6GE-34-2NU-Y	460/3/60	47.1	245	2	3700	6.2	65.1	110
	HT5B -B	6GE-34-5PU-Y	575/3/60	37.1	196	2	3700	5.0	51.4	80
KVS012D 6/8 -	HT3B -B	4NES-14-2NU-Y	208-230/3/60	49.0	252	1	900	4.9	66.2	110
	HT4B -B	4NES-14-2NU-Y	460/3/60	22.1	126	1	900	2.2	29.8	50
	HT5B -B	4NES-14-5PU-Y	575/3/60	17.7	101	1	900	2.1	24.2	40
KVS015D 6/8 -	HT3B -B	4HE-18-2NU-Y	208-230/3/60	66.7	352	1	900	4.9	88.3	150
	HT4B -B	4HE-18-2NU-Y	460/3/60	30.1	176	1	900	2.2	39.8	60
	HT5B -B	4HE-18-5PU-Y	575/3/60	24.1	140	1	900	2.1	32.2	50
KVS020D 6/8 -	HT3B -B	4GE-23-2NU-Y	208-230/3/60	71.1	352	2	1800	9.8	98.7	150
	HT4B -B	4GE-23-2NU-Y	460/3/60	32.1	176	2	1800	4.4	44.5	70
	HT5B -B	4GE-23-5PU-Y	575/3/60	25.7	140	2	1800	4.2	36.3	60
KVS025D 6/8 -	HT3B -B	6HE-28-2NU-Y	208-230/3/60	95.6	490	2	1800	9.8	129.3	200
	HT4B -B	6HE-28-2NU-Y	460/3/60	43.2	245	2	1800	4.4	58.4	100
	HT5B -B	6HE-28-5PU-Y	575/3/60	34.6	196	2	1800	4.2	47.5	80
KVS030D 6/8 -	HT3B -B	6GE-34-2NU-Y	208-230/3/60	104.3	490	2	1800	9.8	140.2	225
	HT4B -B	6GE-34-2NU-Y	460/3/60	47.1	245	2	1800	4.4	63.3	110
	HT5B -B	6GE-34-5PU-Y	575/3/60	37.1	196	2	1800	4.2	50.6	80

*table continues on next page >>>*

## ELECTRICAL DATA - SINGLE COMPRESSOR MODELS *(cont'd)*

CONDENSING UNIT MODEL	COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		CONDENSER FAN MTR.			UNIT		
			RLA	LRA	QTY	WATTS	FLA	MCA	MOP	
KVS012V 6/8 -	HT3B -B	S4G-12.2-2NU-Y	208-230/3/60	44.2	252	1	1850	6.6	61.9	100
	HT4B -B	S4G-12.2-2NU-Y	460/3/60	21.0	126	1	1850	3.1	29.4	50
	HT5B -B	S4G-12.2-5PU-Y	575/3/60	16.0	101	1	1850	2.5	22.5	35
KVS016V 6/8 -	HT3B -B	S6J-16.2-2NU-Y	208-230/3/60	66.3	294	1	1850	6.6	89.5	150
	HT4B -B	S6J-16.2-2NU-Y	460/3/60	31.5	147	1	1850	3.1	42.5	70
	HT5B -B	S6J-16.2-5PU-Y	575/3/60	24.0	117	1	1850	2.5	32.5	50
KVS020V 6/8 -	HT3B -B	S6H-20.2-2NU-Y	208-230/3/60	75.2	352	2	3700	13.2	107.2	175
	HT4B -B	S6H-20.2-2NU-Y	460/3/60	35.7	176	2	3700	6.2	50.8	80
	HT5B -B	S6H-20.2-5PU-Y	575/3/60	27.1	140	2	3700	5.0	38.9	60
KVS025V 6/8 -	HT3B -B	S6G-25.2-2NU-Y	208-230/3/60	91.6	436	2	3700	13.2	127.7	200
	HT4B -B	S6G-25.2-2NU-Y	460/3/60	43.1	218	2	3700	6.2	60.1	100
	HT5B -B	S6G-25.2-5PU-Y	575/3/60	33.1	174	2	3700	5.0	46.4	70
KVS030V 6/8 -	HT3B -B	S6F-30.2-2NU-Y	208-230/3/60	106.2	490	2	3700	13.2	146.0	250
	HT4B -B	S6F-30.2-2NU-Y	460/3/60	50.4	245	2	3700	6.2	69.2	110
	HT5B -B	S6F-30.2-5PU-Y	575/3/60	38.2	196	2	3700	5.0	52.8	90

## ELECTRICAL DATA - DUAL COMPRESSOR MODELS

CONDENSING UNIT MODEL	COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		CONDENSER FAN MTR.			UNIT		
			RLA	LRA	QTY	WATTS	FLA	MCA	MOP	
KVD030H8-	HT3B -B	4PES-15-2NU-Y	208-230/3/60	60.0	294	4	7400	26.4	161.4	200
	HT4B -B	4PES-15-2NU-Y	460/3/60	27.1	147	4	7400	12.4	73.4	100
	HT5B -B	4PES-15-5PU-Y	575/3/60	21.8	117	4	7400	10.0	59.1	80
KVD040H8-	HT3B -B	4NES-20-2NU-Y	208-230/3/60	71.1	352	4	7400	26.4	186.4	250
	HT4B -B	4NES-20-2NU-Y	460/3/60	32.1	176	4	7400	12.4	84.6	110
	HT5B -B	4NES-20-5PU-Y	575/3/60	26.3	140	4	7400	10.0	69.2	90
KVD050H8-	HT3B -B	4HE-25-2NU-Y	208-230/3/60	93.2	436	4	7400	26.4	236.1	300
	HT4B -B	4HE-25-2NU-Y	460/3/60	42.1	218	4	7400	12.4	107.1	125
	HT5B -B	4HE-25-5PU-Y	575/3/60	33.6	174	4	7400	10.0	85.6	110
KVD060H8-	HT3B -B	4GE-30-2NU-Y	208-230/3/60	110.6	490	4	7400	26.4	275.3	350
	HT4B -B	4GE-30-2NU-Y	460/3/60	50.0	245	4	7400	12.4	124.9	150
	HT5B -B	4GE-30-5PU-Y	575/3/60	40.0	196	4	7400	10.0	100.0	125
KVD070H8-	HT3B -B	6HE-35-2NU-Y	208-230/3/60	129.5	550	6	11100	39.6	331.0	450
	HT4B -B	6HE-35-2NU-Y	460/3/60	58.6	275	6	11100	18.6	150.5	200
	HT5B -B	6HE-35-5PU-Y	575/3/60	46.4	220	6	11100	15.0	119.4	150
KVD080H8-	HT3B -B	6GE-40-2NU-Y	208-230/3/60	173.8	700	6	11100	39.6	430.7	600
	HT4B -B	6GE-40-2NU-Y	460/3/60	78.6	350	6	11100	18.6	195.5	250
	HT5B -B	6GE-40-5PU-Y	575/3/60	62.9	280	6	11100	15.0	156.5	200
KVD030M8-	HT3B -B	4PES-15-2NU-Y	208-230/3/60	60.0	294	4	7400	26.4	161.4	200
	HT4B -B	4PES-15-2NU-Y	460/3/60	27.1	147	4	7400	12.4	73.4	100
	HT5B -B	4PES-15-5PU-Y	575/3/60	21.8	117	4	7400	10.0	59.1	80
KVD040M8-	HT3B -B	4NES-20-2NU-Y	208-230/3/60	71.1	352	4	7400	26.4	186.4	250
	HT4B -B	4NES-20-2NU-Y	460/3/60	32.1	176	4	7400	12.4	84.6	110
	HT5B -B	4NES-20-5PU-Y	575/3/60	26.3	140	4	7400	10.0	69.2	90
KVD050M8-	HT3B -B	4HE-25-2NU-Y	208-230/3/60	93.2	436	4	7400	26.4	236.1	300
	HT4B -B	4HE-25-2NU-Y	460/3/60	42.1	218	4	7400	12.4	107.1	125
	HT5B -B	4HE-25-5PU-Y	575/3/60	33.6	174	4	7400	10.0	85.6	110
KVD060M8-	HT3B -B	4GE-30-2NU-Y	208-230/3/60	110.6	490	4	7400	26.4	275.3	350
	HT4B -B	4GE-30-2NU-Y	460/3/60	50.0	245	4	7400	12.4	124.9	150
	HT5B -B	4GE-30-5PU-Y	575/3/60	40.0	196	4	7400	10.0	100.0	125
KVD070M8-	HT3B -B	6HE-35-2NU-Y	208-230/3/60	129.5	550	6	11100	39.6	331.0	450
	HT4B -B	6HE-35-2NU-Y	460/3/60	58.6	275	6	11100	18.6	150.5	200
	HT5B -B	6HE-35-5PU-Y	575/3/60	46.4	220	6	11100	15.0	119.4	150
KVD080M8-	HT3B -B	6GE-40-2NU-Y	208-230/3/60	173.8	700	6	11100	39.6	430.7	600
	HT4B -B	6GE-40-2NU-Y	460/3/60	78.6	350	6	11100	18.6	195.5	250
	HT5B -B	6GE-40-5PU-Y	575/3/60	62.9	280	6	11100	15.0	156.5	200
KVD100M8-	HT3B -B	6FE-50-2NU-Y	208-230/3/60	176.9	950	6	11100	39.6	437.6	600
	HT4B -B	6FE-50-2NU-Y	460/3/60	80.0	425	6	11100	18.6	198.6	250
	HT5B -B	6FE-50-5PU-Y	575/3/60	63.6	340	6	11100	15.0	158.1	200

*table continues on next page >>>*

**ELECTRICAL DATA -  
DUAL COMPRESSOR MODELS (cont'd)**

CONDENSING UNIT MODEL	COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		CONDENSER FAN MTR.			UNIT		
			RLA	LRA	QTY	WATTS	FLA	MCA	MOP	
KVD024L 6/8 -	HT3B -B	4NES-14-2NU-Y	208-230/3/60	49.0	252	2	3700	13.2	123.5	150
	HT4B -B	4NES-14-2NU-Y	460/3/60	22.1	126	2	3700	6.2	55.9	70
	HT5B -B	4NES-14-5PU-Y	575/3/60	17.7	101	2	3700	5.0	44.8	60
KVD030L 6/8 -	HT3B -B	4HE-18-2NU-Y	208-230/3/60	66.7	352	2	3700	13.2	163.3	225
	HT4B -B	4HE-18-2NU-Y	460/3/60	30.1	176	2	3700	6.2	73.9	100
	HT5B -B	4HE-18-5PU-Y	575/3/60	24.1	140	2	3700	5.0	59.2	80
KVD040L 6/8 -	HT3B -B	4GE-23-2NU-Y	208-230/3/60	71.1	352	4	7400	26.4	186.4	250
	HT4B -B	4GE-23-2NU-Y	460/3/60	32.1	176	4	7400	12.4	84.6	110
	HT5B -B	4GE-23-5PU-Y	575/3/60	25.7	140	4	7400	10.0	67.8	90
KVD050L 6/8 -	HT3B -B	6HE-28-2NU-Y	208-230/3/60	95.6	490	4	7400	26.4	241.5	300
	HT4B -B	6HE-28-2NU-Y	460/3/60	43.2	245	4	7400	12.4	109.6	150
	HT5B -B	6HE-28-5PU-Y	575/3/60	34.6	196	4	7400	10.0	87.9	110
KVD060L 6/8 -	HT3B -B	6GE-34-2NU-Y	208-230/3/60	104.3	490	4	7400	26.4	261.1	350
	HT4B -B	6GE-34-2NU-Y	460/3/60	47.1	245	4	7400	12.4	118.4	150
	HT5B -B	6GE-34-5PU-Y	575/3/60	37.1	196	4	7400	10.0	93.5	125
KVD080L 6/8 -	HT3B -B	6FE-44-2NU-Y	208-230/3/60	120.1	700	4	7400	26.4	296.6	400
	HT4B -B	6FE-44-2NU-Y	460/3/60	54.3	350	4	7400	12.4	134.6	175
	HT5B -B	6FE-44-5PU-Y	575/3/60	43.6	280	4	7400	10.0	108.1	150
KVD024D 6/8 -	HT3B -B	4NES-14-2NU-Y	208-230/3/60	49.0	252	2	1800	9.8	120.1	150
	HT4B -B	4NES-14-2NU-Y	460/3/60	22.1	126	2	1800	4.4	54.1	70
	HT5B -B	4NES-14-5PU-Y	575/3/60	17.7	101	2	1800	4.2	44.0	60
KVD030D 6/8 -	HT3B -B	4HE-18-2NU-Y	208-230/3/60	66.7	352	2	1800	9.8	159.9	225
	HT4B -B	4HE-18-2NU-Y	460/3/60	30.1	176	2	1800	4.4	72.1	100
	HT5B -B	4HE-18-5PU-Y	575/3/60	24.1	140	2	1800	4.2	58.4	80
KVD040D 6/8 -	HT3B -B	4GE-23-2NU-Y	208-230/3/60	71.1	352	4	3600	19.6	179.6	250
	HT4B -B	4GE-23-2NU-Y	460/3/60	32.1	176	4	3600	8.8	81.0	110
	HT5B -B	4GE-23-5PU-Y	575/3/60	25.7	140	4	3600	8.4	66.2	90
KVD050D 6/8 -	HT3B -B	6HE-28-2NU-Y	208-230/3/60	95.6	490	4	3600	19.6	234.7	300
	HT4B -B	6HE-28-2NU-Y	460/3/60	43.2	245	4	3600	8.8	106.0	125
	HT5B -B	6HE-28-5PU-Y	575/3/60	34.6	196	4	3600	8.4	86.3	110
KVD060D 6/8 -	HT3B -B	6GE-34-2NU-Y	208-230/3/60	104.3	490	4	3600	19.6	254.3	350
	HT4B -B	6GE-34-2NU-Y	460/3/60	47.1	245	4	3600	8.8	114.8	150
	HT5B -B	6GE-34-5PU-Y	575/3/60	37.1	196	4	3600	8.4	91.9	125
KVD016V 6/8 -	HT3B -B	S4N-8.2-2NU-Y	208-230/3/60	31.0	180	2	3700	13.2	83.0	110
	HT4B -B	S4N-8.2-2NU-Y	460/3/60	14.7	90	2	3700	6.2	39.3	50
	HT5B -B	S4N-8.2-5PU-Y	575/3/60	11.2	72	2	3700	5.0	30.2	40
KVD024V 6/8 -	HT3B -B	S4G-12.2-2NU-Y	208-230/3/60	44.2	252	2	3700	13.2	112.7	150
	HT4B -B	S4G-12.2-2NU-Y	460/3/60	21.0	126	2	3700	6.2	53.5	70
	HT5B -B	S4G-12.2-5PU-Y	575/3/60	16.0	101	2	3700	5.0	41.0	50
KVD032V 6/8 -	HT3B -B	S6J-16.2-2NU-Y	208-230/3/60	66.3	294	2	3700	13.2	162.4	225
	HT4B -B	S6J-16.2-2NU-Y	460/3/60	31.5	147	2	3700	6.2	77.1	100
	HT5B -B	S6J-16.2-5PU-Y	575/3/60	24.0	117	2	3700	5.0	59.0	80
KVD040V 6/8 -	HT3B -B	S6H-20.2-2NU-Y	208-230/3/60	75.2	352	4	7400	26.4	195.6	250
	HT4B -B	S6H-20.2-2NU-Y	460/3/60	35.7	176	4	7400	12.4	92.7	125
	HT5B -B	S6H-20.2-5PU-Y	575/3/60	27.1	140	4	7400	10.0	71.0	90
KVD050V 6/8 -	HT3B -B	S6G-25.2-2NU-Y	208-230/3/60	91.6	436	4	7400	26.4	232.5	300
	HT4B -B	S6G-25.2-2NU-Y	460/3/60	43.1	218	4	7400	12.4	109.4	150
	HT5B -B	S6G-25.2-5PU-Y	575/3/60	33.1	174	4	7400	10.0	84.5	110
KVD060V 6/8 -	HT3B -B	S6F-30.2-2NU-Y	208-230/3/60	106.2	490	4	7400	26.4	265.4	350
	HT4B -B	S6F-30.2-2NU-Y	460/3/60	50.4	245	4	7400	12.4	125.8	175
	HT5B -B	S6F-30.2-5PU-Y	575/3/60	38.2	196	4	7400	10.0	96.0	125

# ELECTRICAL DATA - SINGLE COMPRESSOR 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	
KVS015H8-	HT3B -B	4PES-15-2NU-Y	208-230/3/60	60.0	294	2	3500	12.4	87.4	125
	HT4B -B	4PES-15-2NU-Y	460/3/60	27.1	147	2	3500	4.6	38.5	60
	HT5B -B	4PES-15-5PU-Y	575/3/60	21.8	117	2	3500	5.0	32.3	50
KVS020H8-	HT3B -B	4NES-20-2NU-Y	208-230/3/60	71.1	352	2	3500	12.4	101.3	150
	HT4B -B	4NES-20-2NU-Y	460/3/60	32.1	176	2	3500	4.6	44.7	70
	HT5B -B	4NES-20-5PU-Y	575/3/60	26.3	140	2	3500	5.0	37.9	60
KVS025H8-	HT3B -B	4HE-25-2NU-Y	208-230/3/60	93.2	436	2	3500	12.4	128.9	200
	HT4B -B	4HE-25-2NU-Y	460/3/60	42.1	218	2	3500	4.6	57.2	90
	HT5B -B	4HE-25-5PU-Y	575/3/60	33.6	174	2	3500	5.0	47.0	80
KVS030H8-	HT3B -B	4GE-30-2NU-Y	208-230/3/60	110.6	490	2	3500	12.4	150.7	250
	HT4B -B	4GE-30-2NU-Y	460/3/60	50.0	245	2	3500	4.6	67.1	110
	HT5B -B	4GE-30-5PU-Y	575/3/60	40.0	196	2	3500	5.0	55.0	90
KVS035H8-	HT3B -B	6HE-35-2NU-Y	208-230/3/60	129.5	550	3	5250	18.6	180.5	300
	HT4B -B	6HE-35-2NU-Y	460/3/60	58.6	275	3	5250	6.9	80.2	125
	HT5B -B	6HE-35-5PU-Y	575/3/60	46.4	220	3	5250	7.5	65.5	110
KVS040H8-	HT3B -B	6GE-40-2NU-Y	208-230/3/60	173.8	700	3	5250	18.6	235.9	400
	HT4B -B	6GE-40-2NU-Y	460/3/60	78.6	350	3	5250	6.9	105.2	175
	HT5B -B	6GE-40-5PU-Y	575/3/60	62.9	280	3	5250	7.5	86.1	125
KVS015M8-	HT3B -B	4PES-15-2NU-Y	208-230/3/60	60.0	294	2	3500	12.4	87.4	125
	HT4B -B	4PES-15-2NU-Y	460/3/60	27.1	147	2	3500	4.6	38.5	60
	HT5B -B	4PES-15-5PU-Y	575/3/60	21.8	117	2	3500	5.0	32.3	50
KVS020M8-	HT3B -B	4NES-20-2NU-Y	208-230/3/60	71.1	352	2	3500	12.4	101.3	150
	HT4B -B	4NES-20-2NU-Y	460/3/60	32.1	176	2	3500	4.6	44.7	70
	HT5B -B	4NES-20-5PU-Y	575/3/60	26.3	140	2	3500	5.0	37.9	60
KVS025M8-	HT3B -B	4HE-25-2NU-Y	208-230/3/60	93.2	436	2	3500	12.4	128.9	200
	HT4B -B	4HE-25-2NU-Y	460/3/60	42.1	218	2	3500	4.6	57.2	90
	HT5B -B	4HE-25-5PU-Y	575/3/60	33.6	174	2	3500	5.0	47.0	80
KVS030M8-	HT3B -B	4GE-30-2NU-Y	208-230/3/60	110.6	490	2	3500	12.4	150.7	250
	HT4B -B	4GE-30-2NU-Y	460/3/60	50.0	245	2	3500	4.6	67.1	110
	HT5B -B	4GE-30-5PU-Y	575/3/60	40.0	196	2	3500	5.0	55.0	90
KVS035M8-	HT3B -B	6HE-35-2NU-Y	208-230/3/60	129.5	550	3	5250	18.6	180.5	300
	HT4B -B	6HE-35-2NU-Y	460/3/60	58.6	275	3	5250	6.9	80.2	125
	HT5B -B	6HE-35-5PU-Y	575/3/60	46.4	220	3	5250	7.5	65.5	110
KVS040M8-	HT3B -B	6GE-40-2NU-Y	208-230/3/60	173.8	700	3	5250	18.6	235.9	400
	HT4B -B	6GE-40-2NU-Y	460/3/60	78.6	350	3	5250	6.9	105.2	175
	HT5B -B	6GE-40-5PU-Y	575/3/60	62.9	280	3	5250	7.5	86.1	125
KVS050M8-	HT3B -B	6FE-50-2NU-Y	208-230/3/60	176.9	950	3	5250	18.6	239.7	400
	HT4B -B	6FE-50-2NU-Y	460/3/60	80.0	425	3	5250	6.9	106.9	175
	HT5B -B	6FE-50-5PU-Y	575/3/60	63.6	340	3	5250	7.5	87.0	150
KVS012L 6/8 -	HT3B -B	4NES-14-2NU-Y	208-230/3/60	49.0	252	1	1750	6.2	67.5	110
	HT4B -B	4NES-14-2NU-Y	460/3/60	22.1	126	1	1750	2.3	29.9	50
	HT5B -B	4NES-14-5PU-Y	575/3/60	17.7	101	1	1750	2.5	24.6	40
KVS015L 6/8 -	HT3B -B	4HE-18-2NU-Y	208-230/3/60	66.7	352	1	1750	6.2	89.6	150
	HT4B -B	4HE-18-2NU-Y	460/3/60	30.1	176	1	1750	2.3	39.9	70
	HT5B -B	4HE-18-5PU-Y	575/3/60	24.1	140	1	1750	2.5	32.6	50
KVS020L 6/8 -	HT3B -B	4GE-23-2NU-Y	208-230/3/60	71.1	352	2	3500	12.4	101.3	150
	HT4B -B	4GE-23-2NU-Y	460/3/60	32.1	176	2	3500	4.6	44.7	70
	HT5B -B	4GE-23-5PU-Y	575/3/60	25.7	140	2	3500	5.0	37.1	60
KVS025L 6/8 -	HT3B -B	6HE-28-2NU-Y	208-230/3/60	95.6	490	2	3500	12.4	131.9	225
	HT4B -B	6HE-28-2NU-Y	460/3/60	43.2	245	2	3500	4.6	58.6	100
	HT5B -B	6HE-28-5PU-Y	575/3/60	34.6	196	2	3500	5.0	48.3	80
KVS030L 6/8 -	HT3B -B	6GE-34-2NU-Y	208-230/3/60	104.3	490	2	3500	12.4	142.8	225
	HT4B -B	6GE-34-2NU-Y	460/3/60	47.1	245	2	3500	4.6	63.5	110
	HT5B -B	6GE-34-5PU-Y	575/3/60	37.1	196	2	3500	5.0	51.4	80
KVS040L6 6/8-	HT3B -B	6FE-44-2NU-Y	208-230/3/60	120.1	700	2	3500	12.4	162.5	250
	HT4B -B	6FE-44-2NU-Y	460/3/60	54.3	350	2	3500	4.6	72.5	125
	HT5B -B	6FE-44-5PU-Y	575/3/60	43.6	280	2	3500	5.0	59.5	100
KVS008V 6/8 -	HT3B -B	S4N-8.2-2NU-Y	208-230/3/60	31.0	180	1	1750	6.2	45.0	70
	HT4B -B	S4N-8.2-2NU-Y	460/3/60	14.7	90	1	1750	2.3	20.7	35
	HT5B -B	S4N-8.2-5PU-Y	575/3/60	11.2	72	1	1750	2.5	16.5	25
KVS012V 6/8 -	HT3B -B	S4G-12.2-2NU-Y	208-230/3/60	44.2	252	1	1750	6.2	61.5	100
	HT4B -B	S4G-12.2-2NU-Y	460/3/60	21.0	126	1	1750	2.3	28.6	45
	HT5B -B	S4G-12.2-5PU-Y	575/3/60	16.0	101	1	1750	2.5	22.5	35
KVS016V 6/8 -	HT3B -B	S6J-16.2-2NU-Y	208-230/3/60	66.3	294	1	1750	6.2	89.1	150
	HT4B -B	S6J-16.2-2NU-Y	460/3/60	31.5	147	1	1750	2.3	41.7	70
	HT5B -B	S6J-16.2-5PU-Y	575/3/60	24.0	117	1	1750	2.5	32.5	50
KVS020V 6/8 -	HT3B -B	S6H-20.2-2NU-Y	208-230/3/60	75.2	352	2	3500	12.4	106.4	175
	HT4B -B	S6H-20.2-2NU-Y	460/3/60	35.7	176	2	3500	4.6	49.2	80
	HT5B -B	S6H-20.2-5PU-Y	575/3/60	27.1	140	2	3500	5.0	38.9	60
KVS025V 6/8 -	HT3B -B	S6G-25.2-2NU-Y	208-230/3/60	91.6	436	2	3500	12.4	126.9	200
	HT4B -B	S6G-25.2-2NU-Y	460/3/60	43.1	218	2	3500	4.6	58.5	100
	HT5B -B	S6G-25.2-5PU-Y	575/3/60	33.1	174	2	3500	5.0	46.4	70
KVS030V 6/8 -	HT3B -B	S6F-30.2-2NU-Y	208-230/3/60	106.2	490	2	3500	12.4	145.2	250
	HT4B -B	S6F-30.2-2NU-Y	460/3/60	50.4	245	2	3500	4.6	67.6	110
	HT5B -B	S6F-30.2-5PU-Y	575/3/60	38.2	196	2	3500	5.0	52.8	90

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



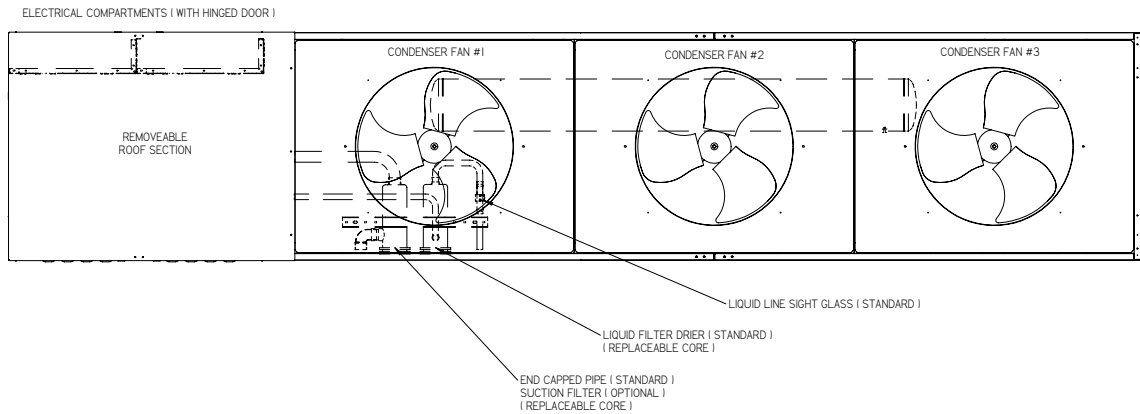
# ELECTRICAL DATA - DUAL COMPRESSOR MODELS with EC Motors only or LIMITROL

CONDENSING UNIT MODEL	COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		CONDENSER FAN MTR. **			UNIT		
			RLA	LRA	QTY	WATTS	FLA	MCA	MOP	
KVD030H8-	HT3B -B	4PES-15-2NU-Y	208-230/3/60	60.0	294	4	7000	24.8	159.8	200
	HT4B -B	4PES-15-2NU-Y	460/3/60	27.1	147	4	7000	9.2	70.2	90
	HT5B -B	4PES-15-5PU-Y	575/3/60	21.8	117	4	7000	10.0	59.1	80
KVD040H8-	HT3B -B	4NES-20-2NU-Y	208-230/3/60	71.1	352	4	7000	24.8	184.8	250
	HT4B -B	4NES-20-2NU-Y	460/3/60	32.1	176	4	7000	9.2	81.4	110
	HT5B -B	4NES-20-5PU-Y	575/3/60	26.3	140	4	7000	10.0	69.2	90
KVD050H8-	HT3B -B	4HE-25-2NU-Y	208-230/3/60	93.2	436	4	7000	24.8	234.5	300
	HT4B -B	4HE-25-2NU-Y	460/3/60	42.1	218	4	7000	9.2	103.9	125
	HT5B -B	4HE-25-5PU-Y	575/3/60	33.6	174	4	7000	10.0	85.6	110
KVD060H8-	HT3B -B	4GE-30-2NU-Y	208-230/3/60	110.6	490	4	7000	24.8	273.7	350
	HT4B -B	4GE-30-2NU-Y	460/3/60	50.0	245	4	7000	9.2	121.7	150
	HT5B -B	4GE-30-5PU-Y	575/3/60	40.0	196	4	7000	10.0	100.0	125
KVD070H8-	HT3B -B	6HE-35-2NU-Y	208-230/3/60	129.5	550	6	10500	37.2	328.6	450
	HT4B -B	6HE-35-2NU-Y	460/3/60	58.6	275	6	10500	13.8	145.7	200
	HT5B -B	6HE-35-5PU-Y	575/3/60	46.4	220	6	10500	15.0	119.4	150
KVD080H8-	HT3B -B	6GE-40-2NU-Y	208-230/3/60	173.8	700	6	10500	37.2	428.3	600
	HT4B -B	6GE-40-2NU-Y	460/3/60	78.6	350	6	10500	13.8	190.7	250
	HT5B -B	6GE-40-5PU-Y	575/3/60	62.9	280	6	10500	15.0	156.5	200
KVD030M8-	HT3B -B	4PES-15-2NU-Y	208-230/3/60	60.0	294	4	7000	24.8	159.8	200
	HT4B -B	4PES-15-2NU-Y	460/3/60	27.1	147	4	7000	9.2	70.2	90
	HT5B -B	4PES-15-5PU-Y	575/3/60	21.8	117	4	7000	10.0	59.1	80
KVD040M8-	HT3B -B	4NES-20-2NU-Y	208-230/3/60	71.1	352	4	7000	24.8	184.8	250
	HT4B -B	4NES-20-2NU-Y	460/3/60	32.1	176	4	7000	9.2	81.4	110
	HT5B -B	4NES-20-5PU-Y	575/3/60	26.3	140	4	7000	10.0	69.2	90
KVD050M8-	HT3B -B	4HE-25-2NU-Y	208-230/3/60	93.2	436	4	7000	24.8	234.5	300
	HT4B -B	4HE-25-2NU-Y	460/3/60	42.1	218	4	7000	9.2	103.9	125
	HT5B -B	4HE-25-5PU-Y	575/3/60	33.6	174	4	7000	10.0	85.6	110
KVD060M8-	HT3B -B	4GE-30-2NU-Y	208-230/3/60	110.6	490	4	7000	24.8	273.7	350
	HT4B -B	4GE-30-2NU-Y	460/3/60	50.0	245	4	7000	9.2	121.7	150
	HT5B -B	4GE-30-5PU-Y	575/3/60	40.0	196	4	7000	10.0	100.0	125
KVD070M8-	HT3B -B	6HE-35-2NU-Y	208-230/3/60	129.5	550	6	10500	37.2	328.6	450
	HT4B -B	6HE-35-2NU-Y	460/3/60	58.6	275	6	10500	13.8	145.7	200
	HT5B -B	6HE-35-5PU-Y	575/3/60	46.4	220	6	10500	15.0	119.4	150
KVD080M8-	HT3B -B	6GE-40-2NU-Y	208-230/3/60	173.8	700	6	10500	37.2	428.3	600
	HT4B -B	6GE-40-2NU-Y	460/3/60	78.6	350	6	10500	13.8	190.7	250
	HT5B -B	6GE-40-5PU-Y	575/3/60	62.9	280	6	10500	15.0	156.5	200
KVD100M8-	HT3B -B	6FE-50-2NU-Y	208-230/3/60	176.9	950	6	10500	37.2	435.2	600
	HT4B -B	6FE-50-2NU-Y	460/3/60	80.0	425	6	10500	13.8	193.8	250
	HT5B -B	6FE-50-5PU-Y	575/3/60	63.6	340	6	10500	15.0	158.1	200
KVD024L 6/8 -	HT3B -B	4NES-14-2NU-Y	208-230/3/60	49.0	252	2	3500	12.4	122.7	150
	HT4B -B	4NES-14-2NU-Y	460/3/60	22.1	126	2	3500	4.6	54.3	70
	HT5B -B	4NES-14-5PU-Y	575/3/60	17.7	101	2	3500	5.0	44.8	60
KVD030L 6/8 -	HT3B -B	4HE-18-2NU-Y	208-230/3/60	66.7	352	2	3500	12.4	162.5	225
	HT4B -B	4HE-18-2NU-Y	460/3/60	30.1	176	2	3500	4.6	72.3	100
	HT5B -B	4HE-18-5PU-Y	575/3/60	24.1	140	2	3500	5.0	59.2	80
KVD040L 6/8 -	HT3B -B	4GE-23-2NU-Y	208-230/3/60	71.1	352	4	7000	24.8	184.8	250
	HT4B -B	4GE-23-2NU-Y	460/3/60	32.1	176	4	7000	9.2	81.4	110
	HT5B -B	4GE-23-5PU-Y	575/3/60	25.7	140	4	7000	10.0	67.8	90
KVD050L 6/8 -	HT3B -B	6HE-28-2NU-Y	208-230/3/60	95.6	490	4	7000	24.8	239.9	300
	HT4B -B	6HE-28-2NU-Y	460/3/60	43.2	245	4	7000	9.2	106.4	125
	HT5B -B	6HE-28-5PU-Y	575/3/60	34.6	196	4	7000	10.0	87.9	110
KVD060L 6/8 -	HT3B -B	6GE-34-2NU-Y	208-230/3/60	104.3	490	4	7000	24.8	259.5	350
	HT4B -B	6GE-34-2NU-Y	460/3/60	47.1	245	4	7000	9.2	115.2	150
	HT5B -B	6GE-34-5PU-Y	575/3/60	37.1	196	4	7000	10.0	93.5	125
KVD080L 6/8 -	HT3B -B	6FE-44-2NU-Y	208-230/3/60	120.1	700	4	7000	24.8	295.0	400
	HT4B -B	6FE-44-2NU-Y	460/3/60	54.3	350	4	7000	9.2	131.4	175
	HT5B -B	6FE-44-5PU-Y	575/3/60	43.6	280	4	7000	10.0	108.1	150
KVD016V 6/8 -	HT3B -B	S4N-8.2-2NU-Y	208-230/3/60	31.0	180	2	3500	12.4	82.2	110
	HT4B -B	S4N-8.2-2NU-Y	460/3/60	14.7	90	2	3500	4.6	37.7	50
	HT5B -B	S4N-8.2-5PU-Y	575/3/60	11.2	72	2	3500	5.0	30.2	40
KVD024V 6/8 -	HT3B -B	S4G-12.2-2NU-Y	208-230/3/60	44.2	252	2	3500	12.4	111.9	150
	HT4B -B	S4G-12.2-2NU-Y	460/3/60	21.0	126	2	3500	4.6	51.9	70
	HT5B -B	S4G-12.2-5PU-Y	575/3/60	16.0	101	2	3500	5.0	41.0	50
KVD032V 6/8 -	HT3B -B	S6J-16.2-2NU-Y	208-230/3/60	66.3	294	2	3500	12.4	161.6	225
	HT4B -B	S6J-16.2-2NU-Y	460/3/60	31.5	147	2	3500	4.6	75.5	100
	HT5B -B	S6J-16.2-5PU-Y	575/3/60	24.0	117	2	3500	5.0	59.0	80
KVD040V 6/8 -	HT3B -B	S6H-20.2-2NU-Y	208-230/3/60	75.2	352	4	7000	24.8	194.0	250
	HT4B -B	S6H-20.2-2NU-Y	460/3/60	35.7	176	4	7000	9.2	89.5	125
	HT5B -B	S6H-20.2-5PU-Y	575/3/60	27.1	140	4	7000	10.0	71.0	90
KVD050V 6/8 -	HT3B -B	S6G-25.2-2NU-Y	208-230/3/60	91.6	436	4	7000	24.8	230.9	300
	HT4B -B	S6G-25.2-2NU-Y	460/3/60	43.1	218	4	7000	9.2	106.2	125
	HT5B -B	S6G-25.2-5PU-Y	575/3/60	33.1	174	4	7000	10.0	84.5	110
KVD060V 6/8 -	HT3B -B	S6F-30.2-2NU-Y	208-230/3/60	106.2	490	4	7000	24.8	263.8	350
	HT4B -B	S6F-30.2-2NU-Y	460/3/60	50.4	245	4	7000	9.2	122.6	150
	HT5B -B	S6F-30.2-5PU-Y	575/3/60	38.2	196	4	7000	10.0	96.0	125

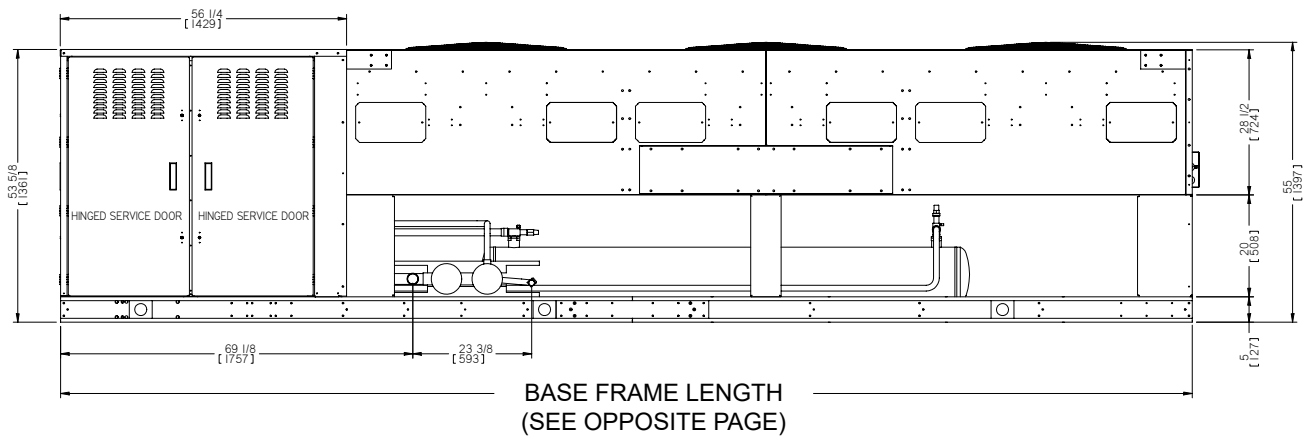
\*\* = 575V units use a 230V motor with a transformer

# DIMENSIONAL DATA - SINGLE COMPRESSOR MODELS

TOP VIEW

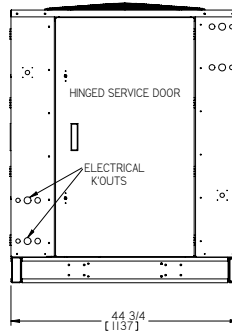


SIDE VIEW



# DIMENSIONAL DATA - SINGLE COMPRESSOR MODELS

COMPRESSOR-END VIEW

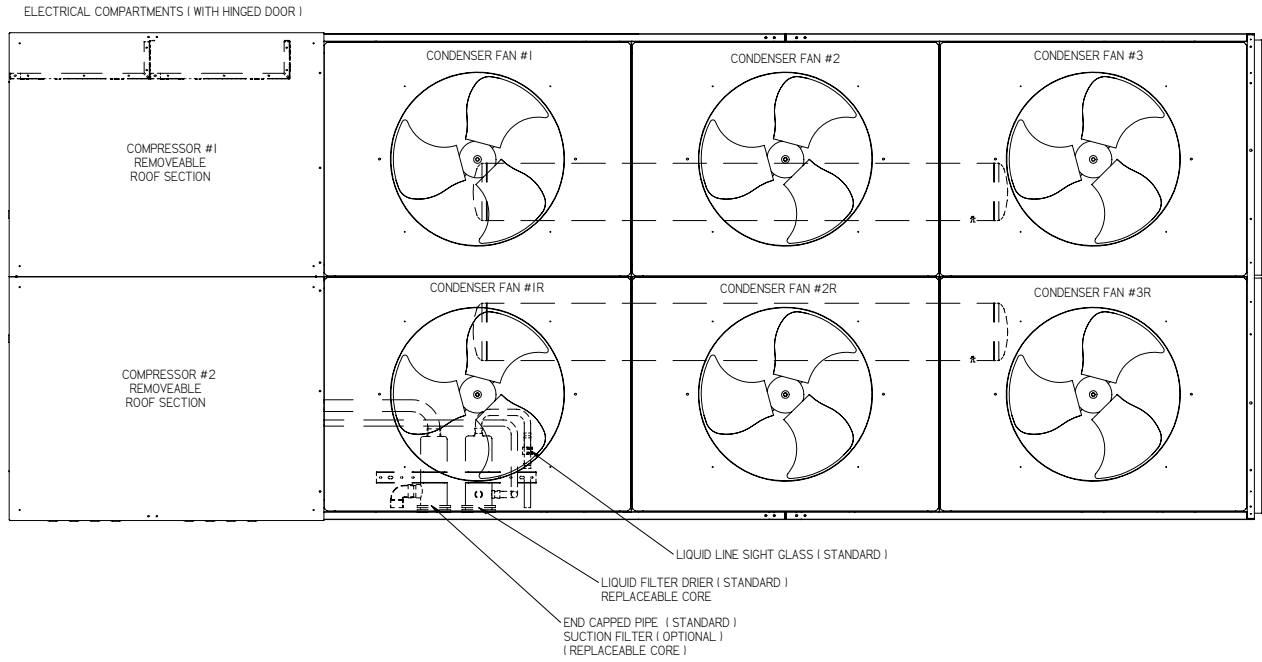


## KVS-B BITZER

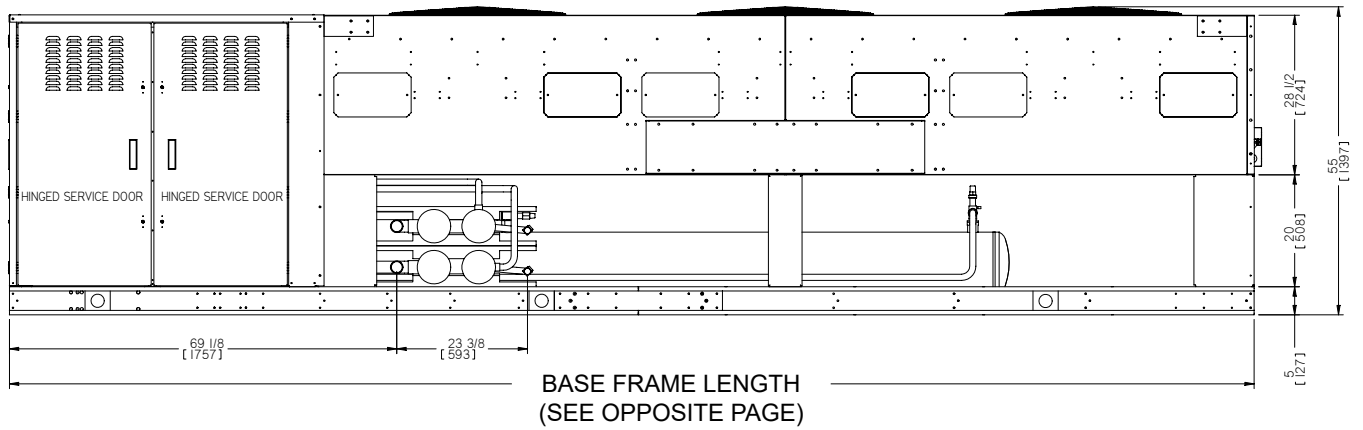
CONDENSING UNIT MODEL	BASE FRAME LENGTH	
	inches	mm
KVS015H8-H**B-B	167 3/8	4251
KVS020H8-H**B-B	167 3/8	4251
KVS025H8-H**B-B	167 3/8	4251
KVS030H8-H**B-B	167 3/8	4251
KVS035H8-H**B-B	222 3/8	5648
KVS040H8-H**B-B	222 3/8	5648
KVS015M8-H**B-B	167 3/8	4251
KVS020M8-H**B-B	167 3/8	4251
KVS025M8-H**B-B	167 3/8	4251
KVS030M8-H**B-B	167 3/8	4251
KVS035M8-H**B-B	222 3/8	5648
KVS040M8-H**B-B	222 3/8	5648
KVS050M8-H**B-B	222 3/8	5648
KVS012L 6/8 -H**B-B	112 3/8	2854
KVS015L 6/8 -H**B-B	112 3/8	2854
KVS020L 6/8 -H**B-B	167 3/8	4251
KVS025L 6/8 -H**B-B	167 3/8	4251
KVS030L 6/8 -H**B-B	167 3/8	4251
KVS040L 6/8 -H**B-B	167 3/8	4251
KVS012D 6/8 -H**B-B	112 3/8	2854
KVS015D 6/8 -H**B-B	112 3/8	2854
KVS020D 6/8 -H**B-B	167 3/8	4251
KVS025D 6/8 -H**B-B	167 3/8	4251
KVS030D 6/8 -H**B-B	167 3/8	4251
KVS008V 6/8 -H**B-B	112 3/8	2854
KVS012V 6/8 -H**B-B	112 3/8	2854
KVS016V 6/8 -H**B-B	112 3/8	2854
KVS020V 6/8 -H**B-B	167 3/8	4251
KVS025V 6/8 -H**B-B	167 3/8	4251
KVS030V 6/8 -H**B-B	167 3/8	4251

# DIMENSIONAL DATA - DUAL COMPRESSOR MODELS

TOP VIEW

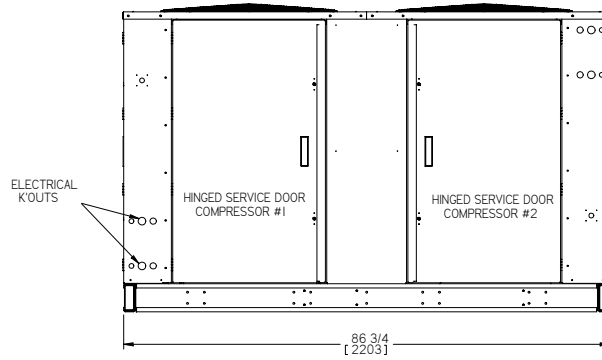


SIDE VIEW



# DIMENSIONAL DATA - DUAL COMPRESSOR MODELS

COMPRESSOR-END VIEW



## KVD-B BITZER

CONDENSING UNIT MODEL	BASE FRAME LENGTH	
	inches	mm
KVD030H8-H**B-B	167 3/8	4251
KVD040H8-H**B-B	167 3/8	4251
KVD050H8-H**B-B	167 3/8	4251
KVD060H8-H**B-B	167 3/8	4251
KVD070H8-H**B-B	222 3/8	5648
KVD080H8-H**B-B	222 3/8	5648
KVD030M8-H**B-B	167 3/8	4251
KVD040M8-H**B-B	167 3/8	4251
KVD050M8-H**B-B	167 3/8	4251
KVD060M8-H**B-B	167 3/8	4251
KVD070M8-H**B-B	222 3/8	5648
KVD080M8-H**B-B	222 3/8	5648
KVD100M8-H**B-B	222 3/8	5648
KVD024L 6/8 -H**B-B	112 3/8	2854
KVD030L 6/8 -H**B-B	112 3/8	2854
KVD040L 6/8 -H**B-B	167 3/8	4251
KVD050L 6/8 -H**B-B	167 3/8	4251
KVD060L 6/8 -H**B-B	167 3/8	4251
KVD080L 6/8 -H**B-B	167 3/8	4251
KVD024D 6/8 -H**B-B	112 3/8	2854
KVD030D 6/8 -H**B-B	112 3/8	2854
KVD040D 6/8 -H**B-B	167 3/8	4251
KVD050D 6/8 -H**B-B	167 3/8	4251
KVD060D 6/8 -H**B-B	167 3/8	4251
KVD016V 6/8 -H**B-B	112 3/8	2854
KVD024V 6/8 -H**B-B	112 3/8	2854
KVD032V 6/8 -H**B-B	112 3/8	2854
KVD040V 6/8 -H**B-B	167 3/8	4251
KVD050V 6/8 -H**B-B	167 3/8	4251
KVD060V 6/8 -H**B-B	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-B	2	1 5/8	41	7/8	22	103	46.7	2085	948
KVS020H8-H**B-B	2	1 5/8	41	7/8	22	103	46.7	2175	989
KVS025H8-H**B-B	2	2 1/8	54	1 1/8	29	124	56.3	2400	1091
KVS030H8-H**B-B	2	2 1/8	54	1 1/8	29	157	71.2	2505	1138
KVS035H8-H**B-B	3	2 1/8	54	1 1/8	29	189	85.8	2990	1359
KVS040H8-H**B-B	3	2 1/8	54	1 3/8	35	189	85.8	3120	1418
KVS015M8-H**B-B	2	1 5/8	41	7/8	22	103	46.7	2090	950
KVS020M8-H**B-B	2	1 5/8	41	7/8	22	103	46.7	2170	986
KVS025M8-H**B-B	2	2 1/8	54	1 1/8	29	124	56.3	2400	1091
KVS030M8-H**B-B	2	2 1/8	54	1 1/8	29	157	71.2	2515	1143
KVS035M8-H**B-B	3	2 1/8	54	1 1/8	29	189	85.8	2995	1361
KVS040M8-H**B-B	3	2 1/8	54	1 1/8	29	189	85.8	3115	1416
KVS050M8-H**B-B	3	2 1/8	54	1 1/8	29	254	115.3	3230	1468
KVS012L 6/8 -H**B-B	1	1 3/8	35	5/8	16	70	31.8	1580	718
KVS015L 6/8 -H**B-B	1	1 5/8	41	7/8	22	82	37.2	1750	795
KVS020L 6/8 -H**B-B	2	2 1/8	54	7/8	22	103	46.7	2250	1023
KVS025L 6/8 -H**B-B	2	2 1/8	54	1 1/8	29	124	56.3	2445	1111
KVS030L 6/8 -H**B-B	2	2 1/8	54	1 1/8	29	124	56.3	2470	1123
KVS040L 6/8 -H**B-B	2	2 1/8	54	1 1/8	29	157	71.2	2600	1182
KVS008V 6/8 -H**B-B	1	1 1/8	29	1/2	13	70	31.8	1585	720
KVS012V 6/8 -H**B-B	1	1 3/8	35	5/8	16	82	37.2	1705	775
KVS016V 6/8 -H**B-B	1	1 5/8	41	5/8	16	82	37.2	1860	845
KVS020V 6/8 -H**B-B	2	2 1/8	54	5/8	16	124	56.3	2435	1107
KVS025V 6/8 -H**B-B	2	2 1/8	54	7/8	22	124	56.3	2470	1123
KVS030V 6/8 -H**B-B	2	2 1/8	54	7/8	22	124	56.3	2545	1157
KVS012D 6/8 -H**B-B	1	1 3/8	35	5/8	16	70	31.8	1580	718
KVS015D 6/8 -H**B-B	1	1 5/8	41	7/8	22	82	37.2	1750	795
KVS020D 6/8 -H**B-B	2	2 1/8	54	7/8	22	103	46.7	2250	1023
KVS025D 6/8 -H**B-B	2	2 1/8	54	1 1/8	29	124	56.3	2445	1111
KVS030D 6/8 -H**B-B	2	2 1/8	54	1 1/8	29	124	56.3	2470	1123

# 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-B	2	1 5/8	41	7/8	22	103	46.7	3725	1693
KVD040H8-H**B-B	2	1 5/8	41	7/8	22	103	46.7	3895	1770
KVD050H8-H**B-B	2	2 1/8	54	1 1/8	29	124	56.3	4340	1972
KVD060H8-H**B-B	2	2 1/8	54	1 1/8	29	157	71.2	4550	2068
KVD070H8-H**B-B	3	2 1/8	54	1 1/8	29	189	85.8	5425	2466
KVD080H8-H**B-B	3	2 1/8	54	1 3/8	35	189	85.8	5670	2577
KVD030M8-H**B-B	2	1 5/8	41	7/8	22	103	46.7	3735	1698
KVD040M8-H**B-B	2	1 5/8	41	7/8	22	103	46.7	3880	1763
KVD050M8-H**B-B	2	2 1/8	54	1 1/8	29	124	56.3	4350	1977
KVD060M8-H**B-B	2	2 1/8	54	1 1/8	29	157	71.2	4565	2075
KVD070M8-H**B-B	3	2 1/8	54	1 1/8	29	189	85.8	5430	2468
KVD080M8-H**B-B	3	2 1/8	54	1 1/8	29	189	85.8	5665	2575
KVD100M8-H**B-B	3	2 1/8	54	1 1/8	29	254	115.3	5895	2679
KVD024L 6/8 -H**B-B	1	1 3/8	35	5/8	16	70	31.8	2790	1268
KVD030L 6/8 -H**B-B	1	1 5/8	41	7/8	22	82	37.2	3120	1418
KVD040L 6/8 -H**B-B	2	2 1/8	54	7/8	22	103	46.7	4055	1843
KVD050L 6/8 -H**B-B	2	2 1/8	54	1 1/8	29	124	56.3	4440	2018
KVD060L 6/8 -H**B-B	2	2 1/8	54	1 1/8	29	124	56.3	4480	2036
KVD080L 6/8 -H**B-B	2	2 1/8	54	1 1/8	29	157	71.2	4745	2157
KVD016V 6/8 -H**B-B	1	1 1/8	29	1/2	13	70	31.8	2795	1270
KVD024V 6/8 -H**B-B	1	1 3/8	35	5/8	16	82	37.2	3030	1377
KVD032V 6/8 -H**B-B	1	1 5/8	41	5/8	16	82	37.2	3345	1520
KVD040V 6/8 -H**B-B	2	2 1/8	54	5/8	16	124	56.3	4415	2007
KVD050V 6/8 -H**B-B	2	2 1/8	54	7/8	22	124	56.3	4485	2038
KVD060V 6/8 -H**B-B	2	2 1/8	54	7/8	22	124	56.3	4630	2104
KVS024D 6/8 -H**B-B	1	1 3/8	35	5/8	16	70	31.8	2790	1268
KVS030D 6/8 -H**B-B	1	1 5/8	41	7/8	22	82	37.2	3120	1418
KVS040D 6/8 -H**B-B	2	2 1/8	54	7/8	22	103	46.7	4055	1843
KVS050D 6/8 -H**B-B	2	2 1/8	54	1 1/8	29	124	56.3	4440	2018
KVS060D 6/8 -H**B-B	2	2 1/8	54	1 1/8	29	124	56.3	4480	2036

\* 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:

<b>R407A</b>	<b>R407C</b>	<b>R448A</b> <b>R449A</b>	<b>R507</b>	<b>R22</b>
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	R407A	R448A	R407C
	R507		R449A	
KVS015H8-B	7.6	7.6	7.6	-
KVS020H8-B	7.6	7.6	7.6	7.6
KVS025H8-B	7.6	7.6	7.6	7.6
KVS030H8-B	7.6	7.6	7.6	7.6
KVS035H8-B	7.6	7.6	7.6	7.6
KVS040H8-B	7.6	7.6	7.6	7.6
KVD030H8-B	7.6	7.6	7.6	-
KVD040H8-B	7.6	7.6	7.6	7.6
KVD050H8-B	7.6	7.6	7.6	7.6
KVD060H8-B	7.6	7.6	7.6	7.6
KVD070H8-B	7.6	7.6	7.6	7.6
KVD080H8-B	7.6	7.6	7.6	7.6
KVS015M8-B	7.6	7.6	7.6	-
KVS020M8-B	7.6	7.6	7.6	7.6
KVS025M8-B	7.6	7.6	7.6	7.6
KVS030M8-B	7.6	7.6	7.6	7.6
KVS035M8-B	7.6	7.6	7.6	7.6
KVS040M8-B	7.6	7.6	7.6	7.6
KVS050M8-B	7.6	7.6	7.6	7.6
KVD030M8-B	7.6	7.6	7.6	-
KVD040M8-B	7.6	7.6	7.6	7.6
KVD050M8-B	7.6	7.6	7.6	7.6
KVD060M8-B	7.6	7.6	7.6	7.6
KVD070M8-B	7.6	7.6	7.6	7.6
KVD080M8-B	7.6	7.6	7.6	7.6
KVD100M8-B	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	R407A	R448A	R407C
	R507		R449A	
KVS012L*-B	-	-	-	-
KVS015L*-B	-	-	-	-
KVS020L*-B	-	-	-	-
KVS025L*-B	-	-	-	-
KVS030L*-B	-	-	-	-
KVS040L*-B	-	-	-	-
KVD024L*-B	-	-	-	-
KVD030L*-B	-	-	-	-
KVD040L*-B	-	-	-	-
KVD050L*-B	-	-	-	-
KVD060L*-B	-	-	-	-
KVD080L*-B	-	-	-	-
KVS012D*-B	3.15	3.15	3.15	-
KVS015D*-B	3.15	3.15	3.15	-
KVS020D*-B	3.15	3.15	3.15	-
KVS025D*-B	3.15	3.15	3.15	-
KVS030D*-B	3.15	3.15	3.15	-
KVS040D*-B	-	-	-	-
KVD024D*-B	3.15	3.15	3.15	-
KVD030D*-B	3.15	3.15	3.15	-
KVD040D*-B	3.15	3.15	3.15	-
KVD050D*-B	3.15	3.15	3.15	-
KVD060D*-B	3.15	3.15	3.15	-
KVD080D*-B	-	-	-	-

— = 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."

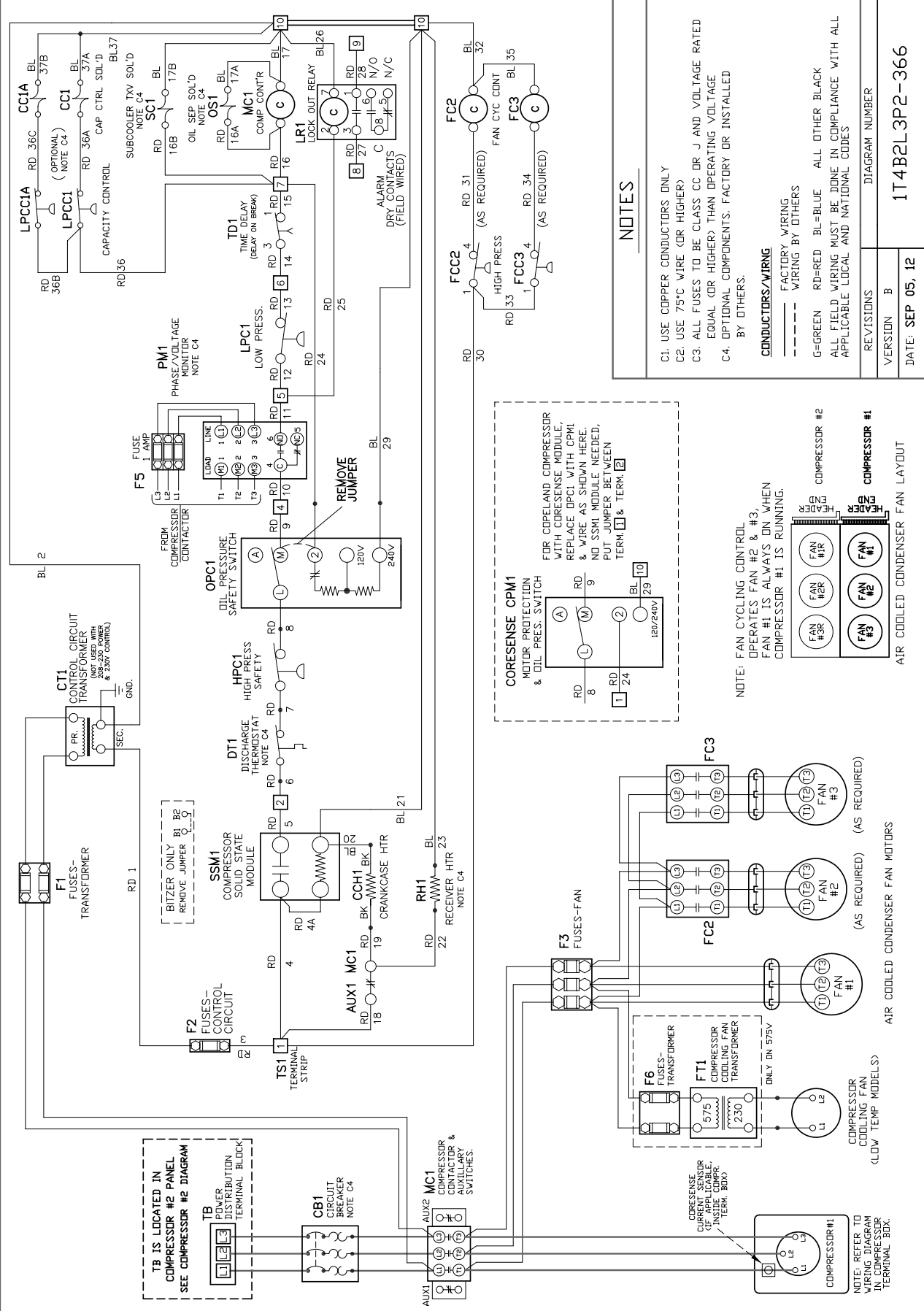
Base Unit Model	Outdoor Models			
	R404A R507	R407A	R448A R449A	R407C
KVS012L*-B	-	-	-	-
KVS015L*-B	-	-	-	-
KVS020L*-B	-	-	-	-
KVS025L*-B	-	-	-	-
KVS030L*-B	-	-	-	-
KVS040L*-B	-	-	-	-
KVD024L*-B	-	-	-	-
KVD030L*-B	-	-	-	-
KVD040L*-B	-	-	-	-
KVD050L*-B	-	-	-	-
KVD060L*-B	-	-	-	-
KVD080L*-B	-	-	-	-
KVS012D*-B	3.15	3.15	3.15	-
KVS015D*-B	3.15	3.15	3.15	-
KVS020D*-B	3.15	3.15	3.15	-
KVS025D*-B	3.15	3.15	3.15	-
KVS030D*-B	3.15	3.15	3.15	-
KVS040D*-B	-	-	-	-
KVD024D*-B	3.15	3.15	3.15	-
KVD030D*-B	3.15	3.15	3.15	-
KVD040D*-B	3.15	3.15	3.15	-
KVD050D*-B	3.15	3.15	3.15	-
KVD060D*-B	3.15	3.15	3.15	-
KVD080D*-B	-	-	-	-

— = Non-compliant model



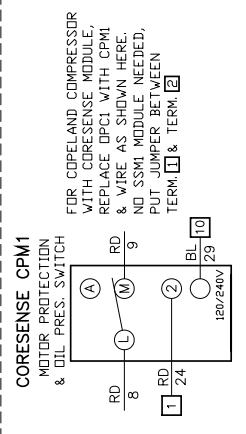
# CONDENSING UNIT WIRING DIAGRAM - COMPRESSOR #1

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

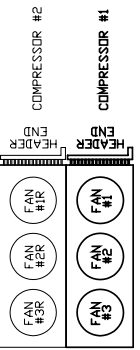


– 208–230/3/60, 460/3/60, 575/3/60 POWER SUPPLY  
– 230V or 120V CONTROL CIRCUIT

TB IS LOCATED IN COMPRESSOR #2 PANEL SEE COMPRESSOR #2 DIAGRAM



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



**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.
- C4. OPTIONAL COMPONENTS, FACTORY OR INSTALLED BY OTHERS.

**CONDUCTORS/WIRING**  
FACTORY 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

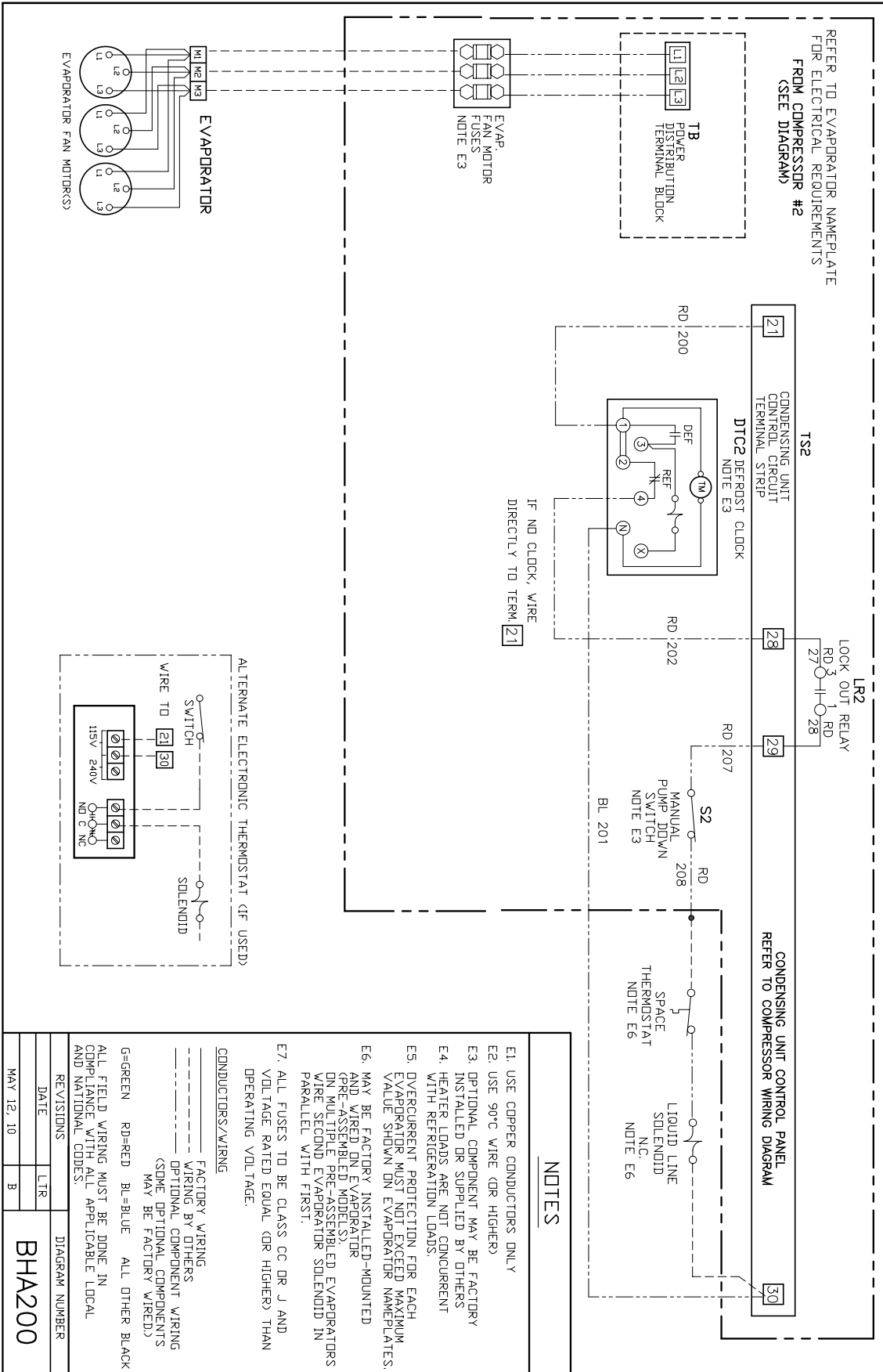
REVISIONS	DIAGRAM NUMBER
VERSION B	1T4B2L3P2-366
DATE: SEP 05, 12	





## 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 WIRE IN EVAPORATOR (FIELD ASSEMBLY MOUNTED 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

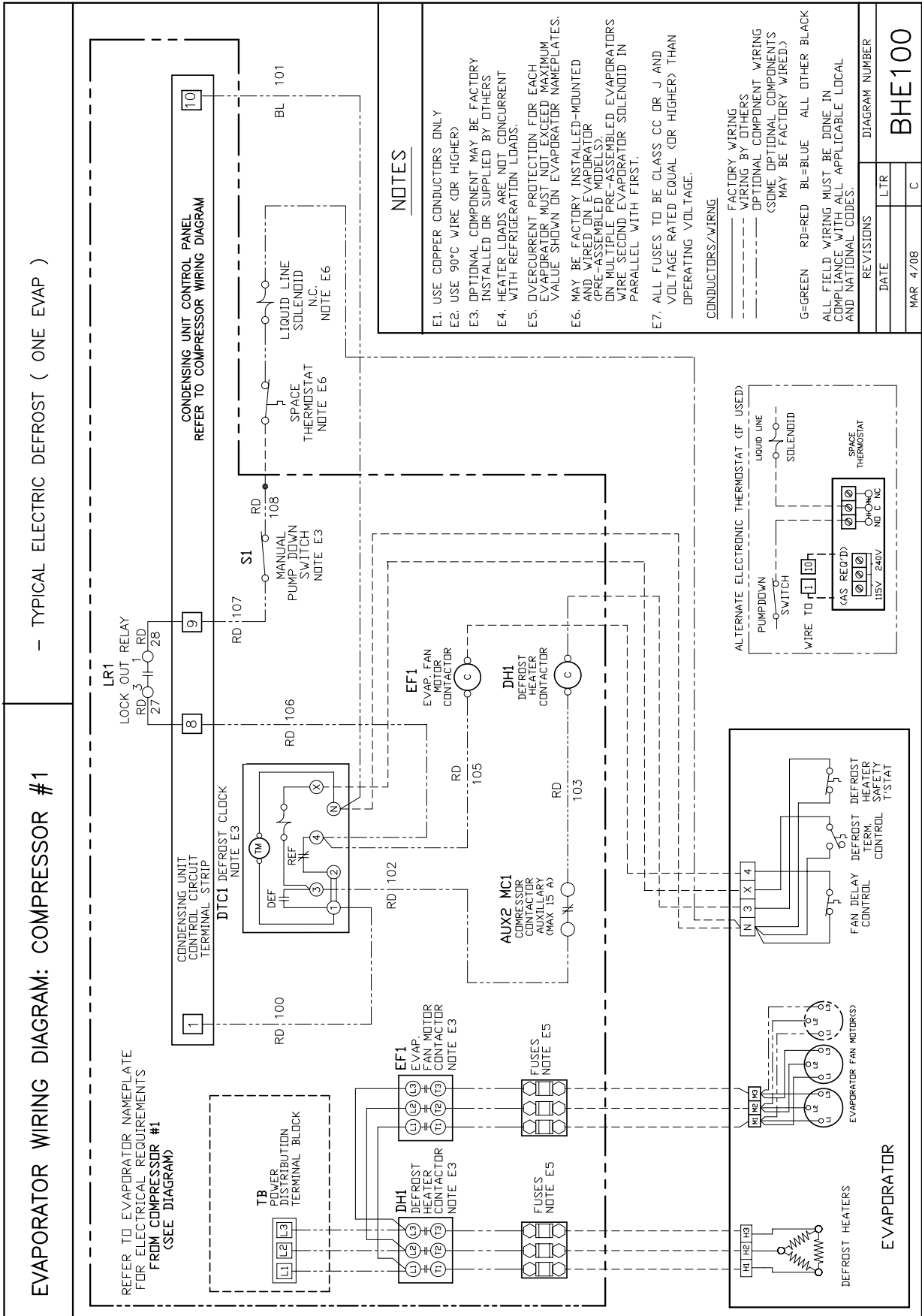
OPTIONAL COMPONENT WIRING

(SOME OPTIONAL COMPONENTS MAY BE FACTORY WIRED)

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

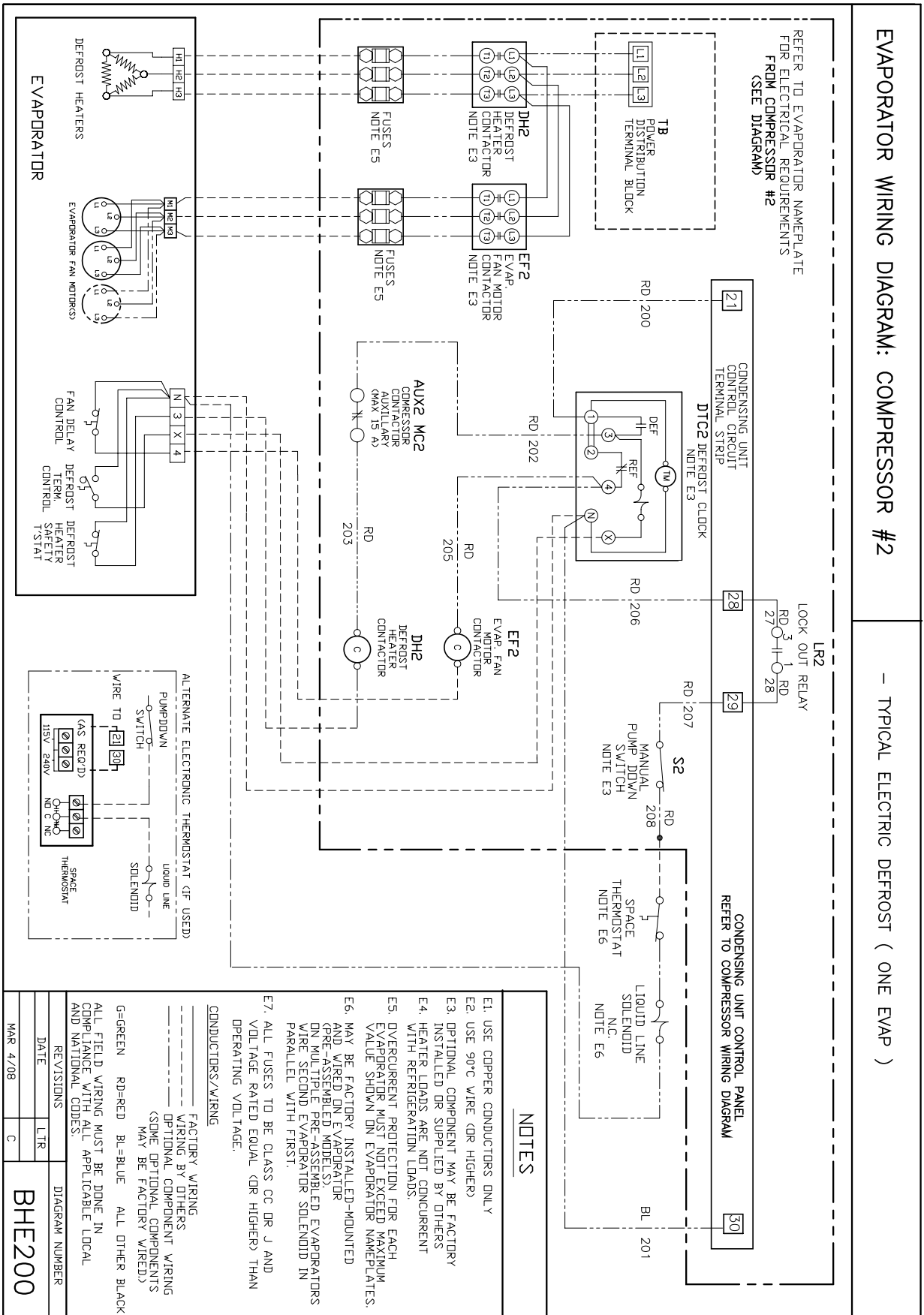
ALL FIELD WIRING MUST BE DONE IN COMPLIANCE WITH ALL APPLICABLE LOCAL AND NATIONAL CODES.

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	BY	DIAGRAM NUMBER
		LR	BHE200
	MAR 4/08	C	

**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-B Compressor 4PES-15	45 (7.2)		212.1 (62.2)	203.9 (59.8)	195.7 (57.4)	187.5 (55)	179.4 (52.6)	171.3 (50.2)	163.1 (47.8)	
	40 (4.4)		192.6 (56.4)	185.0 (54.2)	177.5 (52)	169.9 (49.8)	162.3 (47.6)	154.9 (45.4)	147.3 (43.2)	
	35 (1.7)		174.3 (51.1)	167.4 (49.1)	160.4 (47)	153.4 (45)	146.5 (42.9)	139.5 (40.9)	132.6 (38.9)	
KVS021H8-B Compressor 4NES-20	45 (7.2)		248.5 (72.8)	239.2 (70.1)	229.7 (67.3)	220.4 (64.6)	210.9 (61.8)	201.6 (59.1)	192.2 (56.3)	
	40 (4.4)		226.0 (66.2)	217.2 (63.7)	208.5 (61.1)	199.9 (58.6)	191.2 (56)	182.5 (53.5)	173.9 (51)	
	35 (1.7)		204.8 (60)	196.7 (57.6)	188.7 (55.3)	180.7 (53)	172.7 (50.6)	164.7 (48.3)	156.8 (45.9)	
KVS026H8-B Compressor 4HE-25	45 (7.2)		318.3 (93.3)	306.1 (89.7)	294.0 (86.2)	281.9 (82.6)	269.9 (79.1)	257.8 (75.5)	245.8 (72)	
	40 (4.4)		289.4 (84.8)	278.1 (81.5)	266.9 (78.2)	255.7 (74.9)	244.5 (71.7)	233.4 (68.4)	222.3 (65.1)	
	35 (1.7)		262.3 (76.9)	251.9 (73.8)	241.5 (70.8)	231.2 (67.8)	220.8 (64.7)	210.5 (61.7)	200.3 (58.7)	
KVS031H8-B Compressor 4GE-30	45 (7.2)		371.7 (108.9)	357.9 (104.9)	344.2 (100.9)	330.5 (96.9)	316.9 (92.9)	303.2 (88.9)	289.7 (84.9)	
	40 (4.4)		338.4 (99.2)	325.7 (95.5)	313.0 (91.7)	300.3 (88)	287.6 (84.3)	275.0 (80.6)	262.5 (76.9)	
	35 (1.7)		307.1 (90)	295.4 (86.6)	283.7 (83.1)	272.0 (79.7)	260.3 (76.3)	248.6 (72.9)	237.1 (69.5)	
KVS036H8-B Compressor 6HE-35	45 (7.2)		484.5 (142)	466.4 (136.7)	448.5 (131.4)	430.4 (126.1)	412.4 (120.9)	394.6 (115.6)	376.7 (110.4)	
	40 (4.4)		441.0 (129.2)	424.3 (124.4)	407.6 (119.5)	390.9 (114.6)	374.3 (109.7)	357.7 (104.8)	341.3 (100)	
	35 (1.7)		400.2 (117.3)	384.7 (112.7)	369.3 (108.2)	354.0 (103.7)	338.6 (99.2)	323.3 (94.7)	308.1 (90.3)	
KVS041H8-B Compressor 6GE-40	45 (7.2)		557.0 (163.2)	536.4 (157.2)	515.9 (151.2)	495.4 (145.2)	474.8 (139.2)	454.4 (133.2)	434.1 (127.2)	
	40 (4.4)		507.2 (148.6)	488.0 (143)	469.0 (137.5)	450.0 (131.9)	431.0 (126.3)	412.1 (120.8)	393.3 (115.3)	
	35 (1.7)		460.3 (134.9)	442.8 (129.8)	425.1 (124.6)	407.6 (119.5)	390.1 (114.3)	372.6 (109.2)	355.3 (104.1)	
KVS051H8-B Compressor 6FE-50	45 (7.2)		645.0 (189)	620.9 (182)	596.8 (174.9)	572.8 (167.9)	548.8 (160.8)	524.9 (153.8)	501.1 (146.8)	
	40 (4.4)		588.3 (172.4)	565.8 (165.8)	543.5 (159.3)	521.2 (152.8)	499.0 (146.2)	476.8 (139.7)	454.8 (133.3)	
	35 (1.7)		534.8 (156.7)	514.1 (150.7)	493.4 (144.6)	472.8 (138.6)	452.2 (132.5)	431.8 (126.5)	411.4 (120.6)	

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) <b>R407A</b> 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)
<b>KVS016M8-B</b>  Compressor Model 4PES-15	30 (-1.1)		157.3 (46.1)	150.9 (44.2)	144.5 (42.3)	138.1 (40.5)	131.7 (38.6)	125.3 (36.7)	119.0 (34.9)
	25 (-3.9)		141.3 (41.4)	135.5 (39.7)	129.6 (38)	123.8 (36.3)	117.9 (34.6)	112.0 (32.8)	106.3 (31.1)
	20 (-6.7)		126.5 (37.1)	121.2 (35.5)	115.8 (33.9)	110.5 (32.4)	105.2 (30.8)	99.9 (29.3)	94.5 (27.7)
	15 (-9.4)		112.8 (33)	107.9 (31.6)	103.1 (30.2)	98.3 (28.8)	93.3 (27.4)	88.5 (25.9)	83.7 (24.5)
	10 (-12.2)		100.1 (29.3)	95.7 (28)	91.2 (26.7)	86.9 (25.5)	82.5 (24.2)	78.1 (22.9)	73.7 (21.6)
	5 (-15)		88.4 (25.9)	84.4 (24.7)	80.4 (23.6)	76.4 (22.4)	72.5 (21.2)	68.6 (20.1)	64.6 (18.9)
0 (-17.8)		77.6 (22.7)	74.0 (21.7)	70.5 (20.6)	66.9 (19.6)	63.2 (18.5)	59.7 (17.5)	56.2 (16.5)	
<b>KVS021M8-B</b>  Compressor Model 4NES-20	30 (-1.1)		184.9 (54.2)	177.6 (52)	170.2 (49.9)	162.9 (47.7)	155.5 (45.6)	148.2 (43.4)	140.8 (41.3)
	25 (-3.9)		166.3 (48.7)	159.6 (46.8)	152.9 (44.8)	146.3 (42.9)	139.5 (40.9)	132.8 (38.9)	126.1 (37)
	20 (-6.7)		149.1 (43.7)	143.0 (41.9)	136.9 (40.1)	130.8 (38.3)	124.7 (36.6)	118.5 (34.7)	112.5 (33)
	15 (-9.4)		133.1 (39)	127.6 (37.4)	122.1 (35.8)	116.6 (34.2)	111.0 (32.5)	105.4 (30.9)	100.0 (29.3)
	10 (-12.2)		118.4 (34.7)	113.4 (33.2)	108.4 (31.8)	103.3 (30.3)	98.3 (28.8)	93.3 (27.4)	88.3 (25.9)
	5 (-15)		104.8 (30.7)	100.3 (29.4)	95.8 (28.1)	91.1 (26.7)	86.6 (25.4)	82.1 (24.1)	77.6 (22.7)
0 (-17.8)		92.2 (27)	88.2 (25.8)	84.1 (24.6)	80.0 (23.4)	75.9 (22.2)	71.8 (21)	67.8 (19.9)	
<b>KVS026M8-B</b>  Compressor Model 4HE-25	30 (-1.1)		237.0 (69.5)	227.4 (66.7)	217.8 (63.8)	208.3 (61.1)	198.8 (58.3)	189.3 (55.5)	179.9 (52.7)
	25 (-3.9)		213.3 (62.5)	204.5 (59.9)	195.7 (57.4)	186.9 (54.8)	178.2 (52.2)	169.6 (49.7)	160.9 (47.1)
	20 (-6.7)		191.2 (56)	183.1 (53.7)	175.1 (51.3)	167.2 (49)	159.2 (46.7)	151.2 (44.3)	143.3 (42)
	15 (-9.4)		170.7 (50)	163.4 (47.9)	156.0 (45.7)	148.7 (43.6)	141.4 (41.5)	134.2 (39.3)	127.1 (37.2)
	10 (-12.2)		151.6 (44.4)	145.0 (42.5)	138.3 (40.5)	131.7 (38.6)	125.1 (36.6)	118.5 (34.7)	111.9 (32.8)
	5 (-15)		134.0 (39.3)	128.0 (37.5)	121.9 (35.7)	115.9 (34)	109.9 (32.2)	104.0 (30.5)	98.1 (28.7)
0 (-17.8)		117.7 (34.5)	112.2 (32.9)	106.8 (31.3)	101.3 (29.7)	95.9 (28.1)	90.5 (26.5)	85.2 (25)	
<b>KVS031M8-B</b>  Compressor Model 4GE-30	30 (-1.1)		237.0 (69.5)	227.4 (66.7)	217.8 (63.8)	208.3 (61.1)	198.8 (58.3)	189.3 (55.5)	179.9 (52.7)
	25 (-3.9)		213.3 (62.5)	204.5 (59.9)	195.7 (57.4)	186.9 (54.8)	178.2 (52.2)	169.6 (49.7)	160.9 (47.1)
	20 (-6.7)		191.2 (56)	183.1 (53.7)	175.1 (51.3)	167.2 (49)	159.2 (46.7)	151.2 (44.3)	143.3 (42)
	15 (-9.4)		170.7 (50)	163.4 (47.9)	156.0 (45.7)	148.7 (43.6)	141.4 (41.5)	134.2 (39.3)	127.1 (37.2)
	10 (-12.2)		151.6 (44.4)	145.0 (42.5)	138.3 (40.5)	131.7 (38.6)	125.1 (36.6)	118.5 (34.7)	111.9 (32.8)
	5 (-15)		134.0 (39.3)	128.0 (37.5)	121.9 (35.7)	115.9 (34)	109.9 (32.2)	104.0 (30.5)	98.1 (28.7)
0 (-17.8)		117.7 (34.5)	112.2 (32.9)	106.8 (31.3)	101.3 (29.7)	95.9 (28.1)	90.5 (26.5)	85.2 (25)	
<b>KVS036M8-B</b>  Compressor Model 6HE-35	30 (-1.1)		361.9 (106.1)	347.8 (101.9)	333.6 (97.8)	319.4 (93.6)	305.3 (89.5)	291.3 (85.4)	277.3 (81.3)
	25 (-3.9)		326.2 (95.6)	313.2 (91.8)	300.2 (88)	287.3 (84.2)	274.4 (80.4)	261.5 (76.6)	248.6 (72.9)
	20 (-6.7)		293.0 (85.9)	281.1 (82.4)	269.2 (78.9)	257.4 (75.4)	245.5 (71.9)	233.7 (68.5)	222.1 (65.1)
	15 (-9.4)		262.0 (76.8)	251.2 (73.6)	240.3 (70.4)	229.5 (67.3)	218.8 (64.1)	208.1 (61)	197.5 (57.9)
	10 (-12.2)		233.2 (68.3)	223.4 (65.5)	213.6 (62.6)	203.8 (59.7)	194.0 (56.9)	184.4 (54)	174.7 (51.2)
	5 (-15)		206.6 (60.6)	197.7 (57.9)	188.8 (55.3)	180.0 (52.7)	171.2 (50.2)	162.4 (47.6)	153.7 (45.1)
0 (-17.8)		182.0 (53.3)	173.9 (51)	165.9 (48.6)	157.9 (46.3)	150.0 (44)	142.1 (41.6)	134.3 (39.4)	
<b>KVS041M8-B</b>  Compressor Model 6GE-40	30 (-1.1)		416.5 (122.1)	400.3 (117.3)	384.1 (112.6)	368.0 (107.9)	351.9 (103.1)	335.9 (98.4)	319.9 (93.8)
	25 (-3.9)		375.6 (110.1)	360.7 (105.7)	345.9 (101.4)	331.1 (97)	316.4 (92.7)	301.7 (88.4)	287.1 (84.1)
	20 (-6.7)		337.4 (98.9)	323.8 (94.9)	310.3 (90.9)	296.7 (87)	283.3 (83)	270.0 (79.1)	256.5 (75.2)
	15 (-9.4)		301.9 (88.5)	289.5 (84.8)	277.2 (81.2)	264.9 (77.6)	252.6 (74)	240.5 (70.5)	228.4 (66.9)
	10 (-12.2)		268.9 (78.8)	257.7 (75.5)	246.5 (72.3)	235.4 (69)	224.3 (65.7)	213.3 (62.5)	202.2 (59.3)
	5 (-15)		238.4 (69.9)	228.2 (66.9)	218.1 (63.9)	208.0 (61)	198.0 (58)	188.1 (55.1)	178.1 (52.2)
0 (-17.8)		210.1 (61.6)	201.0 (58.9)	191.8 (56.2)	182.7 (53.5)	173.7 (50.9)	164.7 (48.3)	155.8 (45.7)	
<b>KVS051M8-B</b>  Compressor Model 6FE-50	30 (-1.1)		484.6 (142)	465.5 (136.4)	446.5 (130.8)	427.5 (125.3)	408.6 (119.7)	389.7 (114.2)	371.0 (108.7)
	25 (-3.9)		437.5 (128.2)	420.0 (123.1)	402.6 (118)	385.1 (112.9)	367.7 (107.8)	350.5 (102.7)	333.3 (97.7)
	20 (-6.7)		393.5 (115.3)	377.5 (110.6)	361.5 (105.9)	345.7 (101.3)	329.8 (96.7)	314.0 (92)	298.3 (87.4)
	15 (-9.4)		352.5 (103.3)	338.0 (99.1)	323.4 (94.8)	308.9 (90.5)	294.5 (86.3)	280.1 (82.1)	265.8 (77.9)
	10 (-12.2)		314.4 (92.1)	301.1 (88.3)	287.9 (84.4)	274.8 (80.5)	261.7 (76.7)	248.6 (72.9)	235.7 (69.1)
	5 (-15)		279.0 (81.8)	267.0 (78.3)	255.0 (74.7)	243.2 (71.3)	231.3 (67.8)	219.6 (64.3)	207.8 (60.9)
0 (-17.8)		246.1 (72.1)	235.3 (69)	224.6 (65.8)	213.8 (62.7)	203.2 (59.5)	192.6 (56.4)	182.0 (53.3)	

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) <b>R407A</b> 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)
	<b>KVS013L8-B</b>	0	(-17.8)	85.5	(25)	81.5	(23.9)	77.5	(22.7)	73.6	(21.6)	69.7	(20.4)	65.8	(19.3)	62.1
Compressor Model 4NES-14	-5	(-20.6)	75.1	(22)	71.5	(21)	67.9	(19.9)	64.4	(18.9)	60.9	(17.8)	57.4	(16.8)	54.0	(15.8)
	-10	(-23.3)	65.5	(19.2)	62.3	(18.2)	59.1	(17.3)	55.9	(16.4)	52.7	(15.4)	49.7	(14.6)	46.5	(13.6)
	-15	(-26.1)	56.7	(16.6)	53.8	(15.8)	50.9	(14.9)	48.1	(14.1)	45.3	(13.3)	42.4	(12.4)	39.7	(11.6)
	-20	(-28.9)	48.5	(14.2)	45.9	(13.4)	43.4	(12.7)	40.8	(12)	38.3	(11.2)	35.8	(10.5)	33.4	(9.8)
	-25	(-31.7)	41.1	(12)	38.6	(11.3)	36.4	(10.7)	34.1	(10)	31.8	(9.3)	29.6	(8.7)	27.5	(8.1)
	-30	(-34.4)	34.1	(10)	32.0	(9.4)	29.9	(8.8)	27.9	(8.2)	25.9	(7.6)	23.9	(7)	22.1	(6.5)
	-35	(-37.2)	27.7	(8.1)	25.8	(7.6)	23.9	(7)	22.2	(6.5)	20.4	(6)	18.6	(5.4)	16.9	(5)
	-40	(-40)	21.7	(6.4)	20.1	(5.9)	18.5	(5.4)	16.8	(4.9)	15.2	(4.5)	13.7	(4)	12.1	(3.5)
<b>KVS016L8-B</b>	0	(-17.8)	118.3	(34.7)	113.1	(33.1)	107.9	(31.6)	102.8	(30.1)	97.7	(28.6)	92.6	(27.1)	87.7	(25.7)
Compressor Model 4HE-18	-5	(-20.6)	104.0	(30.5)	99.2	(29.1)	94.5	(27.7)	89.9	(26.3)	85.3	(25)	80.7	(23.7)	76.3	(22.4)
	-10	(-23.3)	90.6	(26.6)	86.4	(25.3)	82.1	(24.1)	78.0	(22.9)	73.8	(21.6)	69.8	(20.5)	65.8	(19.3)
	-15	(-26.1)	78.2	(22.9)	74.4	(21.8)	70.7	(20.7)	67.0	(19.6)	63.3	(18.6)	59.6	(17.5)	56.1	(16.4)
	-20	(-28.9)	66.8	(19.6)	63.4	(18.6)	60.1	(17.6)	56.7	(16.6)	53.4	(15.7)	50.2	(14.7)	47.1	(13.8)
	-25	(-31.7)	56.2	(16.5)	53.1	(15.6)	50.2	(14.7)	47.3	(13.8)	44.3	(13)	41.5	(12.2)	38.7	(11.4)
	-30	(-34.4)	46.2	(13.5)	43.6	(12.8)	41.0	(12)	38.3	(11.2)	35.8	(10.5)	33.3	(9.8)	30.9	(9)
	-35	(-37.2)	37.0	(10.8)	34.7	(10.2)	32.3	(9.5)	30.0	(8.8)	27.7	(8.1)	25.5	(7.5)	23.4	(6.9)
	-40	(-40)	28.2	(8.3)	26.3	(7.7)	24.2	(7.1)	22.2	(6.5)	20.2	(5.9)	18.3	(5.4)	16.4	(4.8)
<b>KVS021L8-B</b>	0	(-17.8)	137.2	(40.2)	131.5	(38.5)	125.7	(36.8)	120.0	(35.2)	114.5	(33.5)	108.9	(31.9)	103.4	(30.3)
Compressor Model 4GE-23	-5	(-20.6)	121.2	(35.5)	115.9	(34)	110.8	(32.5)	105.6	(31)	100.6	(29.5)	95.7	(28)	90.7	(26.6)
	-10	(-23.3)	106.2	(31.1)	101.5	(29.8)	96.9	(28.4)	92.3	(27)	87.8	(25.7)	83.4	(24.4)	79.0	(23.1)
	-15	(-26.1)	92.3	(27)	88.1	(25.8)	84.0	(24.6)	79.9	(23.4)	75.9	(22.2)	71.9	(21.1)	68.0	(19.9)
	-20	(-28.9)	79.4	(23.3)	75.6	(22.2)	72.0	(21.1)	68.4	(20)	64.8	(19)	61.3	(18)	57.9	(17)
	-25	(-31.7)	67.3	(19.7)	64.1	(18.8)	60.8	(17.8)	57.6	(16.9)	54.5	(16)	51.3	(15)	48.4	(14.2)
	-30	(-34.4)	56.1	(16.4)	53.1	(15.6)	50.3	(14.7)	47.5	(13.9)	44.7	(13.1)	42.0	(12.3)	39.4	(11.5)
	-35	(-37.2)	45.5	(13.3)	42.9	(12.6)	40.4	(11.8)	38.0	(11.1)	35.6	(10.4)	33.2	(9.7)	31.0	(9.1)
	-40	(-40)	35.6	(10.4)	33.3	(9.8)	31.2	(9.1)	29.0	(8.5)	26.9	(7.9)	24.8	(7.3)	22.8	(6.7)
<b>KVS026L8-B</b>	0	(-17.8)	171.6	(50.3)	163.9	(48)	156.2	(45.8)	148.7	(43.6)	141.2	(41.4)	133.9	(39.2)	126.6	(37.1)
Compressor Model 6HE-28	-5	(-20.6)	151.1	(44.3)	144.1	(42.2)	137.2	(40.2)	130.4	(38.2)	123.7	(36.2)	117.1	(34.3)	110.6	(32.4)
	-10	(-23.3)	132.0	(38.7)	125.7	(36.8)	119.5	(35)	113.4	(33.2)	107.3	(31.4)	101.4	(29.7)	95.6	(28)
	-15	(-26.1)	114.1	(33.4)	108.6	(31.8)	103.0	(30.2)	97.5	(28.6)	92.1	(27)	86.8	(25.4)	81.6	(23.9)
	-20	(-28.9)	97.7	(28.6)	92.6	(27.1)	87.7	(25.7)	82.7	(24.2)	78.0	(22.9)	73.3	(21.5)	68.7	(20.1)
	-25	(-31.7)	82.2	(24.1)	77.7	(22.8)	73.4	(21.5)	69.0	(20.2)	64.8	(19)	60.6	(17.8)	56.5	(16.6)
	-30	(-34.4)	67.8	(19.9)	63.8	(18.7)	60.0	(17.6)	56.2	(16.5)	52.4	(15.4)	48.7	(14.3)	45.2	(13.2)
	-35	(-37.2)	54.3	(15.9)	50.8	(14.9)	47.4	(13.9)	44.0	(12.9)	40.6	(11.9)	37.5	(11)	34.3	(10.1)
	-40	(-40)	41.6	(12.2)	38.4	(11.3)	35.5	(10.4)	32.4	(9.5)	29.5	(8.6)	26.7	(7.8)	23.9	(7)
<b>KVS031L8-B</b>	0	(-17.8)	193.3	(56.7)	184.6	(54.1)	176.1	(51.6)	167.6	(49.1)	159.2	(46.7)	150.9	(44.2)	142.8	(41.9)
Compressor Model 6GE-34	-5	(-20.6)	170.5	(50)	162.8	(47.7)	155.0	(45.4)	147.3	(43.2)	139.8	(41)	132.3	(38.8)	125.0	(36.6)
	-10	(-23.3)	149.3	(43.8)	142.3	(41.7)	135.2	(39.6)	128.3	(37.6)	121.6	(35.6)	114.9	(33.7)	108.4	(31.8)
	-15	(-26.1)	129.5	(37.9)	123.2	(36.1)	116.9	(34.2)	110.7	(32.4)	104.6	(30.6)	98.7	(28.9)	92.8	(27.2)
	-20	(-28.9)	110.9	(32.5)	105.3	(30.9)	99.8	(29.2)	94.2	(27.6)	88.8	(26)	83.5	(24.5)	78.3	(23)
	-25	(-31.7)	93.6	(27.4)	88.6	(26)	83.7	(24.5)	78.8	(23.1)	74.0	(21.7)	69.3	(20.3)	64.8	(19)
	-30	(-34.4)	77.4	(22.7)	73.0	(21.4)	68.6	(20.1)	64.3	(18.8)	60.1	(17.6)	56.0	(16.4)	51.9	(15.2)
	-35	(-37.2)	62.2	(18.2)	58.2	(17)	54.4	(15.9)	50.5	(14.8)	46.8	(13.7)	43.3	(12.7)	39.7	(11.6)
	-40	(-40)	47.8	(14)	44.3	(13)	40.8	(12)	37.5	(11)	34.2	(10)	31.1	(9.1)	28.0	(8.2)
<b>KVS041L8-B</b>	0	(-17.8)	235.9	(69.1)	225.5	(66.1)	215.4	(63.1)	205.3	(60.2)	195.2	(57.2)	185.3	(54.3)	175.7	(51.5)
Compressor Model 6FE-44	-5	(-20.6)	208.2	(61)	198.9	(58.3)	189.6	(55.6)	180.5	(52.9)	171.5	(50.3)	162.5	(47.6)	153.8	(45.1)
	-10	(-23.3)	182.3	(53.4)	174.0	(51)	165.7	(48.6)	157.5	(46.2)	149.3	(43.8)	141.4	(41.5)	133.6	(39.1)
	-15	(-26.1)	158.2	(46.4)	150.8	(44.2)	143.3	(42)	136.0	(39.9)	128.7	(37.7)	121.7	(35.7)	114.8	(33.6)
	-20	(-28.9)	135.8	(39.8)	129.0	(37.8)	122.5	(35.9)	116.0	(34)	109.5	(32.1)	103.3	(30.3)	97.1	(28.5)
	-25	(-31.7)	114.8	(33.6)	108.9	(31.9)	103.0	(30.2)	97.2	(28.5)	91.6	(26.8)	86.0	(25.2)	80.6	(23.6)
	-30	(-34.4)	95.2	(27.9)	90.0	(26.4)	84.7	(24.8)	79.7	(23.4)	74.8	(21.9)	69.8	(20.5)	65.1	(19.1)
	-35	(-37.2)	76.8	(22.5)	72.1	(21.1)	67.6	(19.8)	63.1	(18.5)	58.7	(17.2)	54.5	(16)	50.3	(14.7)
	-40	(-40)	59.4	(17.4)	55.3	(16.2)	51.3	(15)	47.4	(13.9)	43.5	(12.7)	39.8	(11.7)	36.1	(10.6)

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

**w/ 850RPM CONDENSER MOTOR(S) HIGH EFFICIENCY MODELS**

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) <b>R407A</b> 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)	
KVS013D8-B Compressor Model 4NES-14	0 (-17.8)		83.6 (24.5)	79.7 (23.4)	75.8 (22.2)	71.9 (21.1)	68.1 (20)	64.3 (18.8)	60.5 (17.7)	
	-5 (-20.6)		73.6 (21.6)	70.1 (20.5)	66.5 (19.5)	63.1 (18.5)	59.6 (17.5)	56.2 (16.5)	52.8 (15.5)	
	-10 (-23.3)		64.3 (18.8)	61.1 (17.9)	57.9 (17)	54.8 (16.1)	51.7 (15.2)	48.6 (14.2)	45.6 (13.4)	
	-15 (-26.1)		55.7 (16.3)	52.8 (15.5)	50.0 (14.7)	47.2 (13.8)	44.4 (13)	41.6 (12.2)	38.9 (11.4)	
	-20 (-28.9)		47.7 (14)	45.2 (13.2)	42.6 (12.5)	40.1 (11.8)	37.6 (11)	35.1 (10.3)	32.7 (9.6)	
	-25 (-31.7)		40.4 (11.8)	38.1 (11.2)	35.8 (10.5)	33.5 (9.8)	31.3 (9.2)	29.1 (8.5)	27.0 (7.9)	
	-30 (-34.4)		33.6 (9.8)	31.5 (9.2)	29.5 (8.6)	27.5 (8.1)	25.5 (7.5)	23.6 (6.9)	21.7 (6.4)	
	-35 (-37.2)		27.3 (8)	25.5 (7.5)	23.6 (6.9)	21.8 (6.4)	20.1 (5.9)	18.3 (5.4)	16.6 (4.9)	
	-40 (-40)		21.5 (6.3)	19.8 (5.8)	18.2 (5.3)	16.5 (4.8)	15.0 (4.4)	13.4 (3.9)	11.9 (3.5)	
KVS016D8-B Compressor Model 4HE-18	0 (-17.8)		116.8 (34.2)	111.6 (32.7)	106.4 (31.2)	101.3 (29.7)	96.3 (28.2)	91.3 (26.8)	86.4 (25.3)	
	-5 (-20.6)		102.7 (30.1)	98.0 (28.7)	93.3 (27.3)	88.7 (26)	84.2 (24.7)	79.7 (23.4)	75.2 (22)	
	-10 (-23.3)		89.6 (26.3)	85.3 (25)	81.2 (23.8)	77.0 (22.6)	72.9 (21.4)	68.9 (20.2)	65.0 (19)	
	-15 (-26.1)		77.4 (22.7)	73.6 (21.6)	69.9 (20.5)	66.2 (19.4)	62.5 (18.3)	58.9 (17.3)	55.4 (16.2)	
	-20 (-28.9)		66.1 (19.4)	62.7 (18.4)	59.4 (17.4)	56.1 (16.4)	52.9 (15.5)	49.7 (14.6)	46.5 (13.6)	
	-25 (-31.7)		55.6 (16.3)	52.6 (15.4)	49.6 (14.5)	46.7 (13.7)	43.8 (12.8)	41.0 (12)	38.3 (11.2)	
	-30 (-34.4)		45.8 (13.4)	43.1 (12.6)	40.5 (11.9)	37.9 (11.1)	35.4 (10.4)	32.9 (9.6)	30.5 (8.9)	
	-35 (-37.2)		36.6 (10.7)	34.3 (10.1)	32.0 (9.4)	29.7 (8.7)	27.5 (8.1)	25.3 (7.4)	23.2 (6.8)	
	-40 (-40)		28.0 (8.2)	26.0 (7.6)	23.9 (7)	21.9 (6.4)	19.9 (5.8)	18.0 (5.3)	16.2 (4.7)	
KVS021D8-B Compressor Model 4GE-23	0 (-17.8)		135.2 (39.6)	129.5 (38)	123.8 (36.3)	118.2 (34.6)	112.6 (33)	107.2 (31.4)	101.8 (29.8)	
	-5 (-20.6)		119.5 (35)	114.3 (33.5)	109.2 (32)	104.2 (30.5)	99.2 (29.1)	94.2 (27.6)	89.4 (26.2)	
	-10 (-23.3)		104.8 (30.7)	100.2 (29.4)	95.6 (28)	91.1 (26.7)	86.6 (25.4)	82.2 (24.1)	77.9 (22.8)	
	-15 (-26.1)		91.2 (26.7)	87.1 (25.5)	83.0 (24.3)	78.9 (23.1)	74.9 (22)	71.0 (20.8)	67.2 (19.7)	
	-20 (-28.9)		78.5 (23)	74.8 (21.9)	71.2 (20.9)	67.6 (19.8)	64.0 (18.8)	60.6 (17.8)	57.2 (16.8)	
	-25 (-31.7)		66.6 (19.5)	63.4 (18.6)	60.1 (17.6)	57.0 (16.7)	53.9 (15.8)	50.8 (14.9)	47.8 (14)	
	-30 (-34.4)		55.5 (16.3)	52.6 (15.4)	49.8 (14.6)	47.0 (13.8)	44.3 (13)	41.6 (12.2)	39.0 (11.4)	
	-35 (-37.2)		45.1 (13.2)	42.6 (12.5)	40.1 (11.8)	37.6 (11)	35.2 (10.3)	32.9 (9.6)	30.6 (9)	
	-40 (-40)		35.2 (10.3)	33.0 (9.7)	30.8 (9)	28.7 (8.4)	26.6 (7.8)	24.5 (7.2)	22.6 (6.6)	
KVS026D8-B Compressor Model 6HE-28	0 (-17.8)		168.0 (49.2)	160.4 (47)	152.9 (44.8)	145.5 (42.6)	138.1 (40.5)	130.9 (38.4)	123.8 (36.3)	
	-5 (-20.6)		148.1 (43.4)	141.3 (41.4)	134.5 (39.4)	127.7 (37.4)	121.1 (35.5)	114.6 (33.6)	108.2 (31.7)	
	-10 (-23.3)		129.6 (38)	123.4 (36.2)	117.3 (34.4)	111.2 (32.6)	105.3 (30.9)	99.4 (29.1)	93.6 (27.4)	
	-15 (-26.1)		112.2 (32.9)	106.7 (31.3)	101.2 (29.7)	95.8 (28.1)	90.5 (26.5)	85.2 (25)	80.1 (23.5)	
	-20 (-28.9)		96.1 (28.2)	91.1 (26.7)	86.2 (25.3)	81.4 (23.9)	76.7 (22.5)	72.0 (21.1)	67.5 (19.8)	
	-25 (-31.7)		81.0 (23.7)	76.6 (22.4)	72.2 (21.2)	67.9 (19.9)	63.7 (18.7)	59.6 (17.5)	55.6 (16.3)	
	-30 (-34.4)		66.8 (19.6)	62.9 (18.4)	59.1 (17.3)	55.3 (16.2)	51.6 (15.1)	47.9 (14)	44.4 (13)	
	-35 (-37.2)		53.5 (15.7)	50.1 (14.7)	46.7 (13.7)	43.3 (12.7)	40.1 (11.8)	36.9 (10.8)	33.8 (9.9)	
	-40 (-40)		41.0 (12)	37.9 (11.1)	34.9 (10.2)	32.0 (9.4)	29.1 (8.5)	26.3 (7.7)	23.6 (6.9)	
KVS031D8-B Compressor Model 6GE-34	0 (-17.8)		188.7 (55.3)	180.2 (52.8)	171.8 (50.3)	163.5 (47.9)	155.2 (45.5)	147.1 (43.1)	139.2 (40.8)	
	-5 (-20.6)		166.8 (48.9)	159.1 (46.6)	151.5 (44.4)	143.9 (42.2)	136.5 (40)	129.2 (37.9)	122.0 (35.8)	
	-10 (-23.3)		146.3 (42.9)	139.3 (40.8)	132.4 (38.8)	125.6 (36.8)	119.0 (34.9)	112.4 (32.9)	105.9 (31)	
	-15 (-26.1)		127.0 (37.2)	120.8 (35.4)	114.6 (33.6)	108.5 (31.8)	102.5 (30)	96.7 (28.3)	90.9 (26.6)	
	-20 (-28.9)		109.0 (31.9)	103.4 (30.3)	97.9 (28.7)	92.5 (27.1)	87.1 (25.5)	81.9 (24)	76.8 (22.5)	
	-25 (-31.7)		92.1 (27)	87.1 (25.5)	82.2 (24.1)	77.4 (22.7)	72.7 (21.3)	68.1 (20)	63.6 (18.6)	
	-30 (-34.4)		76.2 (22.3)	71.8 (21)	67.4 (19.8)	63.2 (18.5)	59.0 (17.3)	55.0 (16.1)	51.0 (14.9)	
	-35 (-37.2)		61.2 (17.9)	57.3 (16.8)	53.5 (15.7)	49.7 (14.6)	46.1 (13.5)	42.5 (12.5)	39.0 (11.4)	
	-40 (-40)		47.0 (13.8)	43.6 (12.8)	40.2 (11.8)	36.9 (10.8)	33.7 (9.9)	30.5 (8.9)	27.5 (8.1)	

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-B Compressor 4PES-15	45 (7.2)		218.3 (64)	209.8 (61.5)	201.2 (59)	192.7 (56.5)	184.2 (54)	175.8 (51.5)	---	---					
	40 (4.4)		198.1 (58.1)	190.2 (55.7)	182.3 (53.4)	174.4 (51.1)	166.5 (48.8)	158.8 (46.5)	150.9 (44.2)						
	35 (1.7)		179.2 (52.5)	171.9 (50.4)	164.6 (48.3)	157.3 (46.1)	150.0 (44)	142.9 (41.9)	135.7 (39.8)						
KVS021H8-B Compressor 4NES-20	45 (7.2)		257.6 (75.5)	247.8 (72.6)	238.0 (69.8)	228.3 (66.9)	218.6 (64.1)	---	---	---	---				
	40 (4.4)		234.2 (68.6)	225.1 (66)	216.1 (63.3)	207.1 (60.7)	198.1 (58.1)	189.2 (55.5)	180.3 (52.8)						
	35 (1.7)		212.1 (62.2)	203.8 (59.7)	195.5 (57.3)	187.3 (54.9)	179.0 (52.5)	170.8 (50.1)	162.6 (47.7)						
KVS026H8-B Compressor 4HE-25	45 (7.2)		332.7 (97.5)	320.5 (93.9)	308.2 (90.3)	295.8 (86.7)	283.3 (83)	---	---	---	---				
	40 (4.4)		303.7 (89)	292.3 (85.7)	281.0 (82.3)	269.4 (79)	258.0 (75.6)	246.3 (72.2)	234.8 (68.8)						
	35 (1.7)		276.4 (81)	265.9 (77.9)	255.4 (74.8)	244.9 (71.8)	234.2 (68.6)	223.5 (65.5)	212.8 (62.4)						
KVS031H8-B Compressor 4GE-30	45 (7.2)		382.5 (112.1)	368.1 (107.9)	353.7 (103.7)	339.3 (99.4)	324.6 (95.1)	309.9 (90.8)	---	---	---				
	40 (4.4)		349.1 (102.3)	336.0 (98.5)	322.7 (94.6)	309.2 (90.6)	295.8 (86.7)	282.2 (82.7)	268.6 (78.7)						
	35 (1.7)		317.8 (93.1)	305.7 (89.6)	293.5 (86)	281.2 (82.4)	268.8 (78.8)	256.3 (75.1)	243.7 (71.4)						
KVS036H8-B Compressor 6HE-35	45 (7.2)		490.9 (143.9)	472.9 (138.6)	455.0 (133.3)	437.0 (128.1)	419.0 (122.8)	400.8 (117.5)	---	---	---				
	40 (4.4)		447.8 (131.2)	431.3 (126.4)	414.8 (121.6)	398.1 (116.7)	381.4 (111.8)	364.6 (106.8)	347.8 (101.9)						
	35 (1.7)		407.4 (119.4)	392.2 (114.9)	376.8 (110.4)	361.5 (105.9)	346.2 (101.5)	330.6 (96.9)	315.1 (92.3)						
KVS041H8-B Compressor 6GE-40	45 (7.2)		556.4 (163.1)	535.4 (156.9)	514.4 (150.8)	493.3 (144.6)	472.2 (138.4)	450.9 (132.1)	---	---	---				
	40 (4.4)		508.3 (149)	489.0 (143.3)	469.7 (137.6)	450.2 (132)	430.7 (126.2)	411.2 (120.5)	391.4 (114.7)						
	35 (1.7)		462.9 (135.7)	445.3 (130.5)	427.6 (125.3)	409.7 (120.1)	391.9 (114.8)	373.9 (109.6)	355.7 (104.3)						
KVS051H8-B Compressor 6FE-50	45 (7.2)		654.9 (191.9)	629.7 (184.5)	604.3 (177.1)	578.8 (169.6)	553.1 (162.1)	527.4 (154.6)	---	---	---				
	40 (4.4)		600.2 (175.9)	577.0 (169.1)	553.6 (162.2)	530.0 (155.3)	506.4 (148.4)	482.7 (141.5)	458.9 (134.5)						
	35 (1.7)		548.3 (160.7)	527.0 (154.4)	505.6 (148.2)	484.1 (141.9)	462.3 (135.5)	440.6 (129.1)	418.6 (122.7)						

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-B  Compressor Model 4PES-15	30	(-1.1)	161.6 (47.4)	154.8 (45.4)	148.2 (43.4)	141.4 (41.5)	134.8 (39.5)	128.2 (37.6)	121.6 (35.6)		
	25	(-3.9)	145.1 (42.5)	138.9 (40.7)	132.8 (38.9)	126.6 (37.1)	120.5 (35.3)	114.6 (33.6)	108.5 (31.8)		
	20	(-6.7)	129.8 (38)	124.2 (36.4)	118.5 (34.7)	113.0 (33.1)	107.5 (31.5)	102.0 (29.9)	96.5 (28.3)		
	15	(-9.4)	115.6 (33.9)	110.6 (32.4)	105.4 (30.9)	100.4 (29.4)	95.3 (27.9)	90.4 (26.5)	85.4 (25)		
	10	(-12.2)	102.6 (30.1)	98.0 (28.7)	93.3 (27.4)	88.8 (26)	84.2 (24.7)	79.7 (23.4)	75.2 (22)		
	5	(-15)	90.6 (26.6)	86.4 (25.3)	82.3 (24.1)	78.1 (22.9)	74.0 (21.7)	69.9 (20.5)	65.9 (19.3)		
0	(-17.8)	79.6 (23.3)	75.8 (22.2)	72.1 (21.1)	68.5 (20.1)	64.7 (19)	61.1 (17.9)	57.4 (16.8)			
KVS021M8-B  Compressor Model 4NES-20	30	(-1.1)	191.6 (56.2)	184.0 (53.9)	176.4 (51.7)	168.8 (49.5)	161.3 (47.3)	153.7 (45.1)	146.2 (42.8)		
	25	(-3.9)	172.5 (50.6)	165.5 (48.5)	158.6 (46.5)	151.6 (44.4)	144.7 (42.4)	137.9 (40.4)	131.0 (38.4)		
	20	(-6.7)	154.7 (45.3)	148.4 (43.5)	142.1 (41.6)	135.8 (39.8)	129.5 (37.9)	123.2 (36.1)	117.0 (34.3)		
	15	(-9.4)	138.2 (40.5)	132.5 (38.8)	126.7 (37.1)	121.1 (35.5)	115.4 (33.8)	109.7 (32.2)	104.1 (30.5)		
	10	(-12.2)	123.1 (36.1)	117.8 (34.5)	112.7 (33)	107.5 (31.5)	102.4 (30)	97.3 (28.5)	92.2 (27)		
	5	(-15)	109.1 (32)	104.4 (30.6)	99.8 (29.2)	95.1 (27.9)	90.5 (26.5)	85.9 (25.2)	81.4 (23.8)		
0	(-17.8)	96.2 (28.2)	92.0 (27)	87.9 (25.8)	83.7 (24.5)	79.6 (23.3)	75.5 (22.1)	71.4 (20.9)			
KVS026M8-B  Compressor Model 4HE-25	30	(-1.1)	250.6 (73.5)	241.1 (70.7)	231.4 (67.8)	221.8 (65)	212.0 (62.1)	202.2 (59.3)	192.4 (56.4)		
	25	(-3.9)	226.6 (66.4)	217.9 (63.9)	209.1 (61.3)	200.1 (58.7)	191.3 (56.1)	182.3 (53.4)	173.3 (50.8)		
	20	(-6.7)	204.1 (59.8)	196.1 (57.5)	188.2 (55.1)	180.1 (52.8)	172.0 (50.4)	163.8 (48)	155.6 (45.6)		
	15	(-9.4)	183.2 (53.7)	176.1 (51.6)	168.7 (49.5)	161.5 (47.3)	154.0 (45.1)	146.7 (43)	139.2 (40.8)		
	10	(-12.2)	163.9 (48)	157.4 (46.1)	150.8 (44.2)	144.2 (42.3)	137.4 (40.3)	130.7 (38.3)	124.0 (36.3)		
	5	(-15)	146.0 (42.8)	140.1 (41.1)	134.1 (39.3)	128.1 (37.5)	122.1 (35.8)	116.0 (34)	109.9 (32.2)		
0	(-17.8)	129.4 (37.9)	124.1 (36.4)	118.8 (34.8)	113.4 (33.2)	107.9 (31.6)	102.5 (30)	97.0 (28.4)			
KVS031M8-B  Compressor Model 4GE-30	30	(-1.1)	288.4 (84.5)	277.3 (81.3)	266.1 (78)	254.8 (74.7)	243.5 (71.4)	232.1 (68)	220.6 (64.7)		
	25	(-3.9)	260.8 (76.4)	250.7 (73.5)	240.6 (70.5)	230.3 (67.5)	220.0 (64.5)	209.5 (61.4)	199.0 (58.3)		
	20	(-6.7)	235.2 (68.9)	226.0 (66.2)	216.7 (63.5)	207.4 (60.8)	198.0 (58)	188.5 (55.2)	179.0 (52.5)		
	15	(-9.4)	211.3 (61.9)	203.0 (59.5)	194.6 (57)	186.2 (54.6)	177.7 (52.1)	169.1 (49.5)	160.4 (47)		
	10	(-12.2)	189.0 (55.4)	181.5 (53.2)	174.0 (51)	166.4 (48.8)	158.8 (46.5)	151.0 (44.3)	143.2 (42)		
	5	(-15)	168.4 (49.4)	161.7 (47.4)	155.0 (45.4)	148.2 (43.4)	141.2 (41.4)	134.3 (39.4)	127.3 (37.3)		
0	(-17.8)	149.4 (43.8)	143.4 (42)	137.3 (40.3)	131.3 (38.5)	125.1 (36.6)	118.9 (34.8)	112.6 (33)			
KVS036M8-B  Compressor Model 6HE-35	30	(-1.1)	369.4 (108.3)	355.4 (104.2)	341.5 (100.1)	327.4 (95.9)	313.2 (91.8)	299.0 (87.6)	284.8 (83.5)		
	25	(-3.9)	333.9 (97.9)	321.2 (94.1)	308.4 (90.4)	295.5 (86.6)	282.6 (82.8)	269.5 (79)	256.5 (75.2)		
	20	(-6.7)	300.8 (88.2)	289.2 (84.7)	277.5 (81.3)	265.9 (77.9)	254.0 (74.4)	242.1 (71)	230.2 (67.5)		
	15	(-9.4)	270.1 (79.1)	259.6 (76.1)	249.0 (73)	238.2 (69.8)	227.5 (66.7)	216.7 (63.5)	205.9 (60.3)		
	10	(-12.2)	241.5 (70.8)	231.9 (68)	222.4 (65.2)	212.7 (62.3)	203.0 (59.5)	193.2 (56.6)	183.3 (53.7)		
	5	(-15)	215.0 (63)	206.4 (60.5)	197.8 (58)	189.1 (55.4)	180.3 (52.8)	171.5 (50.3)	162.5 (47.6)		
0	(-17.8)	190.7 (55.9)	182.9 (53.6)	175.1 (51.3)	167.3 (49)	159.3 (46.7)	151.3 (44.3)	143.2 (42)			
KVS041M8-B  Compressor Model 6GE-40	30	(-1.1)	420.4 (123.2)	404.3 (118.5)	388.1 (113.7)	371.8 (109)	355.4 (104.2)	338.9 (99.3)	322.4 (94.5)		
	25	(-3.9)	380.6 (111.5)	365.9 (107.2)	351.1 (102.9)	336.3 (98.6)	321.4 (94.2)	306.4 (89.8)	291.3 (85.4)		
	20	(-6.7)	343.4 (100.6)	330.0 (96.7)	316.7 (92.8)	303.2 (88.9)	289.7 (84.9)	276.0 (80.9)	262.3 (76.9)		
	15	(-9.4)	308.7 (90.5)	296.6 (86.9)	284.6 (83.4)	272.5 (79.9)	260.2 (76.3)	247.8 (72.6)	235.3 (69)		
	10	(-12.2)	276.5 (81)	265.7 (77.9)	254.7 (74.7)	243.8 (71.5)	232.8 (68.2)	221.6 (64.9)	210.3 (61.6)		
	5	(-15)	246.5 (72.3)	236.9 (69.4)	227.1 (66.6)	217.2 (63.7)	207.4 (60.8)	197.3 (57.8)	187.1 (54.8)		
0	(-17.8)	218.9 (64.2)	210.3 (61.6)	201.5 (59.1)	192.7 (56.5)	183.8 (53.9)	174.7 (51.2)	165.6 (48.5)			
KVS051M8-B  Compressor Model 6FE-50	30	(-1.1)	499.3 (146.3)	479.9 (140.6)	460.3 (134.9)	440.6 (129.1)	420.8 (123.3)	400.9 (117.5)	380.8 (111.6)		
	25	(-3.9)	453.2 (132.8)	435.5 (127.6)	417.7 (122.4)	399.8 (117.2)	381.8 (111.9)	363.6 (106.6)	345.3 (101.2)		
	20	(-6.7)	409.9 (120.1)	393.9 (115.4)	377.8 (110.7)	361.6 (106)	345.2 (101.2)	328.8 (96.3)	312.1 (91.5)		
	15	(-9.4)	369.4 (108.3)	355.0 (104)	340.4 (99.8)	325.8 (95.5)	311.0 (91.1)	296.1 (86.8)	281.0 (82.3)		
	10	(-12.2)	331.6 (97.2)	318.6 (93.4)	305.6 (89.5)	292.3 (85.7)	279.1 (81.8)	265.5 (77.8)	252.0 (73.9)		
	5	(-15)	296.3 (86.8)	284.8 (83.5)	273.0 (80)	261.2 (76.6)	249.3 (73.1)	237.2 (69.5)	224.9 (65.9)		
0	(-17.8)	263.7 (77.3)	253.3 (74.2)	242.9 (71.2)	232.3 (68.1)	221.4 (64.9)	210.6 (61.7)	199.6 (58.5)			

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) <b>R448A</b> <b>R449A</b> 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)	
KVS013L8-B  Compressor Model 4NES-14	0 (-17.8)		88.7 (26)	84.6 (24.8)	80.5 (23.6)	76.3 (22.4)	72.2 (21.2)	68.0 (19.9)	63.8 (18.7)							
	-5 (-20.6)		78.2 (22.9)	74.6 (21.8)	70.8 (20.7)	67.1 (19.7)	63.3 (18.6)	59.5 (17.4)	55.9 (16.4)							
	-10 (-23.3)		68.6 (20.1)	65.2 (19.1)	61.8 (18.1)	58.5 (17.1)	55.1 (16.2)	51.8 (15.2)	48.4 (14.2)							
	-15 (-26.1)		59.6 (17.5)	56.7 (16.6)	53.7 (15.7)	50.7 (14.9)	47.7 (14)	44.6 (13.1)	41.7 (12.2)							
	-20 (-28.9)		51.5 (15.1)	48.8 (14.3)	46.2 (13.5)	43.5 (12.7)	40.8 (12)	38.1 (11.2)	35.5 (10.4)							
	-25 (-31.7)		44.1 (12.9)	41.7 (12.2)	39.3 (11.5)	36.9 (10.8)	34.5 (10.1)	32.1 (9.4)	29.7 (8.7)							
	-30 (-34.4)		37.3 (10.9)	35.2 (10.3)	33.0 (9.7)	30.9 (9)	28.7 (8.4)	26.6 (7.8)	24.5 (7.2)							
	-35 (-37.2)		31.1 (9.1)	29.2 (8.6)	27.2 (8)	25.3 (7.4)	23.4 (6.9)	21.5 (6.3)	19.6 (5.8)							
-40 (-40)		25.5 (7.5)	23.7 (7)	21.9 (6.4)	20.3 (5.9)	18.5 (5.4)	16.8 (4.9)	15.1 (4.4)								
KVS016L8-B  Compressor Model 4HE-18	0 (-17.8)		126.7 (37.1)	121.5 (35.6)	116.2 (34.1)	111.0 (32.5)	105.7 (31)	100.5 (29.4)	95.2 (27.9)							
	-5 (-20.6)		112.2 (32.9)	107.5 (31.5)	102.8 (30.1)	98.1 (28.7)	93.3 (27.4)	88.5 (25.9)	83.8 (24.6)							
	-10 (-23.3)		98.8 (29)	94.6 (27.7)	90.3 (26.5)	86.1 (25.2)	81.8 (24)	77.5 (22.7)	73.3 (21.5)							
	-15 (-26.1)		86.4 (25.3)	82.6 (24.2)	78.9 (23.1)	75.0 (22)	71.2 (20.9)	67.4 (19.8)	63.6 (18.6)							
	-20 (-28.9)		75.0 (22)	71.6 (21)	68.1 (20)	64.8 (19)	61.4 (18)	58.0 (17)	54.6 (16)							
	-25 (-31.7)		64.5 (18.9)	61.4 (18)	58.4 (17.1)	55.3 (16.2)	52.4 (15.4)	49.4 (14.5)	46.3 (13.6)							
	-30 (-34.4)		54.9 (16.1)	52.2 (15.3)	49.5 (14.5)	46.7 (13.7)	44.0 (12.9)	41.3 (12.1)	38.6 (11.3)							
	-35 (-37.2)		46.0 (13.5)	43.6 (12.8)	41.1 (12)	38.6 (11.3)	36.2 (10.6)	33.8 (9.9)	31.4 (9.2)							
-40 (-40)		37.8 (11.1)	35.6 (10.4)	33.4 (9.8)	31.2 (9.1)	29.0 (8.5)	26.9 (7.9)	24.8 (7.3)								
KVS021L8-B  Compressor Model 4GE-23	0 (-17.8)		145.2 (42.6)	139.3 (40.8)	133.5 (39.1)	127.5 (37.4)	121.6 (35.6)	115.6 (33.9)	109.7 (32.2)							
	-5 (-20.6)		129.0 (37.8)	123.8 (36.3)	118.4 (34.7)	113.2 (33.2)	107.8 (31.6)	102.6 (30.1)	97.2 (28.5)							
	-10 (-23.3)		114.0 (33.4)	109.3 (32)	104.6 (30.6)	99.9 (29.3)	95.1 (27.9)	90.4 (26.5)	85.7 (25.1)							
	-15 (-26.1)		100.2 (29.4)	96.0 (28.1)	91.8 (26.9)	87.6 (25.7)	83.4 (24.4)	79.2 (23.2)	75.0 (22)							
	-20 (-28.9)		87.4 (25.6)	83.6 (24.5)	79.9 (23.4)	76.2 (22.3)	72.5 (21.2)	68.8 (20.2)	65.1 (19.1)							
	-25 (-31.7)		75.5 (22.1)	72.2 (21.2)	68.9 (20.2)	65.6 (19.2)	62.4 (18.3)	59.1 (17.3)	55.9 (16.4)							
	-30 (-34.4)		64.6 (18.9)	61.6 (18.1)	58.8 (17.2)	55.9 (16.4)	53.0 (15.5)	50.1 (14.7)	47.3 (13.8)							
	-35 (-37.2)		54.5 (16)	52.0 (15.2)	49.4 (14.5)	46.8 (13.7)	44.2 (13)	41.7 (12.2)	39.3 (11.5)							
-40 (-40)		45.3 (13.3)	42.9 (12.6)	40.6 (11.9)	38.3 (11.2)	36.1 (10.6)	33.9 (9.9)	31.7 (9.3)								
KVS026L8-B  Compressor Model 6HE-28	0 (-17.8)		180.7 (53)	173.1 (50.7)	165.6 (48.5)	157.9 (46.3)	150.4 (44.1)	142.7 (41.8)	135.0 (39.6)							
	-5 (-20.6)		160.3 (47)	153.5 (45)	146.7 (43)	139.9 (41)	132.9 (39)	126.0 (36.9)	119.1 (34.9)							
	-10 (-23.3)		141.5 (41.5)	135.3 (39.7)	129.2 (37.8)	123.0 (36)	116.8 (34.2)	110.6 (32.4)	104.3 (30.6)							
	-15 (-26.1)		124.1 (36.4)	118.5 (34.7)	113.0 (33.1)	107.4 (31.5)	101.9 (29.8)	96.2 (28.2)	90.5 (26.5)							
	-20 (-28.9)		107.9 (31.6)	103.0 (30.2)	98.0 (28.7)	92.9 (27.2)	87.9 (25.8)	82.8 (24.3)	77.8 (22.8)							
	-25 (-31.7)		93.1 (27.3)	88.6 (26)	84.1 (24.6)	79.6 (23.3)	75.1 (22)	70.6 (20.7)	65.9 (19.3)							
	-30 (-34.4)		79.4 (23.3)	75.4 (22.1)	71.3 (20.9)	67.3 (19.7)	63.2 (18.5)	59.0 (17.3)	54.9 (16.1)							
	-35 (-37.2)		66.8 (19.6)	63.1 (18.5)	59.4 (17.4)	55.8 (16.3)	52.1 (15.3)	48.4 (14.2)	44.6 (13.1)							
-40 (-40)		55.1 (16.2)	51.9 (15.2)	48.5 (14.2)	45.2 (13.2)	41.8 (12.2)	38.3 (11.2)	35.0 (10.2)								
KVS031L8-B  Compressor Model 6GE-34	0 (-17.8)		209.7 (61.5)	201.5 (59.1)	193.2 (56.6)	184.8 (54.2)	176.4 (51.7)	167.8 (49.2)	159.1 (46.6)							
	-5 (-20.6)		187.4 (54.9)	180.1 (52.8)	172.6 (50.6)	165.1 (48.4)	157.5 (46.2)	149.7 (43.9)	141.9 (41.6)							
	-10 (-23.3)		166.6 (48.8)	160.0 (46.9)	153.3 (44.9)	146.6 (43)	139.8 (41)	132.8 (38.9)	125.8 (36.9)							
	-15 (-26.1)		147.2 (43.1)	141.3 (41.4)	135.3 (39.7)	129.4 (37.9)	123.2 (36.1)	117.0 (34.3)	110.7 (32.4)							
	-20 (-28.9)		129.2 (37.8)	123.9 (36.3)	118.5 (34.7)	113.2 (33.2)	107.7 (31.6)	102.2 (29.9)	96.4 (28.2)							
	-25 (-31.7)		112.4 (32.9)	107.7 (31.6)	102.9 (30.2)	98.2 (28.8)	93.2 (27.3)	88.2 (25.8)	83.1 (24.3)							
	-30 (-34.4)		96.9 (28.4)	92.7 (27.2)	88.4 (25.9)	84.1 (24.6)	79.7 (23.4)	75.2 (22)	70.5 (20.6)							
	-35 (-37.2)		82.5 (24.2)	78.8 (23.1)	74.9 (21.9)	71.0 (20.8)	66.9 (19.6)	62.8 (18.4)	58.6 (17.2)							
-40 (-40)		69.2 (20.3)	65.7 (19.3)	62.3 (18.2)	58.6 (17.2)	54.9 (16.1)	51.1 (15)	47.3 (13.8)								
KVS041L8-B  Compressor Model 6FE-44	0 (-17.8)		253.7 (74.3)	243.5 (71.4)	233.3 (68.4)	223.0 (65.4)	212.6 (62.3)	202.2 (59.3)	191.7 (56.2)							
	-5 (-20.6)		226.1 (66.3)	216.9 (63.6)	207.8 (60.9)	198.5 (58.2)	189.1 (55.4)	179.8 (52.7)	170.2 (49.9)							
	-10 (-23.3)		200.3 (58.7)	192.2 (56.3)	183.9 (53.9)	175.6 (51.5)	167.2 (49)	158.7 (46.5)	150.0 (44)							
	-15 (-26.1)		176.4 (51.7)	169.1 (49.5)	161.6 (47.4)	154.0 (45.1)	146.5 (42.9)	138.8 (40.7)	131.1 (38.4)							
	-20 (-28.9)		154.1 (45.2)	147.5 (43.2)	140.8 (41.3)	134.1 (39.3)	127.2 (37.3)	120.3 (35.3)	113.3 (33.2)							
	-25 (-31.7)		133.5 (39.1)	127.5 (37.4)	121.4 (35.6)	115.3 (33.8)	109.1 (32)	102.8 (30.1)	96.5 (28.3)							
	-30 (-34.4)		114.3 (33.5)	108.9 (31.9)	103.4 (30.3)	97.8 (28.6)	92.2 (27)	86.4 (25.3)	80.6 (23.6)							
	-35 (-37.2)		96.6 (28.3)	91.7 (26.9)	86.5 (25.4)	81.4 (23.8)	76.2 (22.3)	70.9 (20.8)	65.5 (19.2)							
-40 (-40)		80.2 (23.5)	75.6 (22.2)	70.8 (20.7)	66.0 (19.4)	61.1 (17.9)	56.2 (16.5)	51.1 (15)								

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

**LOW TEMPERATURE MODELS**

**w/ 850RPM CONDENSER MOTOR(S) HIGH EFFICIENCY MODELS**

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) <b>R448A R449A</b> 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)						
KVS013D8-B  Compressor Model 4NES-14	0 (-17.8)		86.8 (25.4)	82.8 (24.3)	78.7 (23.1)	74.6 (21.9)	70.4 (20.6)	66.3 (19.4)	62.2 (18.2)						
	-5 (-20.6)		76.7 (22.5)	73.0 (21.4)	69.3 (20.3)	65.6 (19.2)	61.9 (18.1)	58.2 (17.1)	54.5 (16)						
	-10 (-23.3)		67.3 (19.7)	64.0 (18.8)	60.6 (17.8)	57.3 (16.8)	54.0 (15.8)	50.7 (14.9)	47.3 (13.9)						
	-15 (-26.1)		58.6 (17.2)	55.7 (16.3)	52.7 (15.4)	49.7 (14.6)	46.7 (13.7)	43.8 (12.8)	40.8 (12)						
	-20 (-28.9)		50.7 (14.9)	48.0 (14.1)	45.4 (13.3)	42.7 (12.5)	40.0 (11.7)	37.4 (11)	34.7 (10.2)						
	-25 (-31.7)		43.4 (12.7)	41.0 (12)	38.6 (11.3)	36.3 (10.6)	33.9 (9.9)	31.5 (9.2)	29.2 (8.6)						
	-30 (-34.4)		36.7 (10.8)	34.6 (10.1)	32.5 (9.5)	30.4 (8.9)	28.2 (8.3)	26.1 (7.6)	24.0 (7)						
	-35 (-37.2)		30.7 (9)	28.7 (8.4)	26.8 (7.9)	24.9 (7.3)	23.0 (6.7)	21.2 (6.2)	19.3 (5.7)						
-40 (-40)		25.1 (7.4)	23.4 (6.9)	21.7 (6.4)	19.9 (5.8)	18.2 (5.3)	16.5 (4.8)	14.9 (4.4)							
KVS016D8-B  Compressor Model 4HE-18	0 (-17.8)		125.1 (36.7)	119.9 (35.1)	114.7 (33.6)	109.4 (32.1)	104.2 (30.5)	99.0 (29)	93.7 (27.5)						
	-5 (-20.6)		110.9 (32.5)	106.2 (31.1)	101.5 (29.7)	96.7 (28.3)	92.0 (27)	87.3 (25.6)	82.6 (24.2)						
	-10 (-23.3)		97.7 (28.6)	93.5 (27.4)	89.2 (26.1)	85.0 (24.9)	80.8 (23.7)	76.5 (22.4)	72.3 (21.2)						
	-15 (-26.1)		85.5 (25.1)	81.7 (23.9)	77.9 (22.8)	74.1 (21.7)	70.3 (20.6)	66.5 (19.5)	62.8 (18.4)						
	-20 (-28.9)		74.2 (21.7)	70.9 (20.8)	67.5 (19.8)	64.1 (18.8)	60.7 (17.8)	57.3 (16.8)	53.9 (15.8)						
	-25 (-31.7)		63.9 (18.7)	60.9 (17.8)	57.8 (16.9)	54.8 (16.1)	51.8 (15.2)	48.8 (14.3)	45.8 (13.4)						
	-30 (-34.4)		54.4 (15.9)	51.7 (15.2)	49.0 (14.4)	46.2 (13.5)	43.5 (12.7)	40.9 (12)	38.2 (11.2)						
	-35 (-37.2)		45.6 (13.4)	43.2 (12.7)	40.7 (11.9)	38.3 (11.2)	35.9 (10.5)	33.5 (9.8)	31.1 (9.1)						
-40 (-40)		37.5 (11)	35.3 (10.3)	33.1 (9.7)	30.9 (9.1)	28.7 (8.4)	26.6 (7.8)	24.5 (7.2)							
KVS021D8-B  Compressor Model 4GE-23	0 (-17.8)		143.1 (41.9)	137.2 (40.2)	131.4 (38.5)	125.5 (36.8)	119.6 (35.1)	113.7 (33.3)	107.8 (31.6)						
	-5 (-20.6)		127.3 (37.3)	122.1 (35.8)	116.8 (34.2)	111.5 (32.7)	106.2 (31.1)	101.0 (29.6)	95.7 (28)						
	-10 (-23.3)		112.6 (33)	107.9 (31.6)	103.2 (30.2)	98.5 (28.9)	93.8 (27.5)	89.1 (26.1)	84.5 (24.8)						
	-15 (-26.1)		99.0 (29)	94.8 (27.8)	90.7 (26.6)	86.5 (25.4)	82.3 (24.1)	78.1 (22.9)	74.0 (21.7)						
	-20 (-28.9)		86.4 (25.3)	82.7 (24.2)	79.0 (23.2)	75.3 (22.1)	71.6 (21)	67.9 (19.9)	64.3 (18.8)						
	-25 (-31.7)		74.7 (21.9)	71.5 (21)	68.2 (20)	64.9 (19)	61.7 (18.1)	58.4 (17.1)	55.2 (16.2)						
	-30 (-34.4)		64.0 (18.8)	61.1 (17.9)	58.2 (17.1)	55.3 (16.2)	52.4 (15.4)	49.6 (14.5)	46.8 (13.7)						
	-35 (-37.2)		54.1 (15.9)	51.5 (15.1)	48.9 (14.3)	46.3 (13.6)	43.8 (12.8)	41.3 (12.1)	38.9 (11.4)						
-40 (-40)		44.9 (13.2)	42.6 (12.5)	40.3 (11.8)	38.0 (11.1)	35.7 (10.5)	33.5 (9.8)	31.4 (9.2)							
KVS026D8-B  Compressor Model 6HE-28	0 (-17.8)		177.0 (51.9)	169.5 (49.7)	162.0 (47.5)	154.5 (45.3)	146.9 (43.1)	139.4 (40.9)	131.8 (38.6)						
	-5 (-20.6)		157.3 (46.1)	150.6 (44.1)	143.8 (42.1)	137.0 (40.2)	130.1 (38.1)	123.3 (36.1)	116.4 (34.1)						
	-10 (-23.3)		139.1 (40.8)	132.9 (38.9)	126.8 (37.2)	120.6 (35.3)	114.5 (33.6)	108.3 (31.7)	102.0 (29.9)						
	-15 (-26.1)		122.1 (35.8)	116.6 (34.2)	111.0 (32.5)	105.5 (30.9)	99.9 (29.3)	94.3 (27.6)	88.7 (26)						
	-20 (-28.9)		106.3 (31.2)	101.4 (29.7)	96.4 (28.3)	91.4 (26.8)	86.4 (25.3)	81.4 (23.9)	76.3 (22.4)						
	-25 (-31.7)		91.8 (26.9)	87.3 (25.6)	82.8 (24.3)	78.3 (22.9)	73.8 (21.6)	69.3 (20.3)	64.7 (19)						
	-30 (-34.4)		78.3 (22.9)	74.3 (21.8)	70.3 (20.6)	66.2 (19.4)	62.2 (18.2)	58.1 (17)	54.0 (15.8)						
	-35 (-37.2)		65.9 (19.3)	62.3 (18.3)	58.6 (17.2)	55.0 (16.1)	51.3 (15)	47.6 (14)	43.8 (12.8)						
-40 (-40)		54.4 (15.9)	51.1 (15)	47.8 (14)	44.4 (13)	41.1 (12)	37.7 (11)	34.3 (10.1)							
KVS031D8-B  Compressor Model 6GE-34	0 (-17.8)		205.1 (60.1)	196.9 (57.7)	188.7 (55.3)	180.4 (52.9)	171.9 (50.4)	163.4 (47.9)	154.8 (45.4)						
	-5 (-20.6)		183.6 (53.8)	176.3 (51.7)	168.9 (49.5)	161.4 (47.3)	153.8 (45.1)	146.1 (42.8)	138.3 (40.5)						
	-10 (-23.3)		163.5 (47.9)	157.0 (46)	150.3 (44)	143.6 (42.1)	136.8 (40.1)	129.9 (38.1)	122.8 (36)						
	-15 (-26.1)		144.7 (42.4)	138.8 (40.7)	132.9 (38.9)	126.9 (37.2)	120.8 (35.4)	114.6 (33.6)	108.2 (31.7)						
	-20 (-28.9)		127.1 (37.2)	121.9 (35.7)	116.6 (34.2)	111.2 (32.6)	105.8 (31)	100.2 (29.4)	94.5 (27.7)						
	-25 (-31.7)		110.8 (32.5)	106.1 (31.1)	101.4 (29.7)	96.5 (28.3)	91.6 (26.8)	86.6 (25.4)	81.5 (23.9)						
	-30 (-34.4)		95.6 (28)	91.4 (26.8)	87.1 (25.5)	82.8 (24.3)	78.4 (23)	73.9 (21.7)	69.2 (20.3)						
	-35 (-37.2)		81.5 (23.9)	77.7 (22.8)	73.8 (21.6)	69.9 (20.5)	65.9 (19.3)	61.8 (18.1)	57.6 (16.9)						
-40 (-40)		68.4 (20)	64.9 (19)	61.4 (18)	57.8 (16.9)	54.1 (15.9)	50.3 (14.7)	46.4 (13.6)							

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) <b>R407C</b> 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-B Compressor Model 4PES-15	55 (12.8)		247.5 (72.5)	238.5 (69.9)	229.3 (67.2)	220.2 (64.5)	211.1 (61.9)	201.8 (59.1)	192.6 (56.4)
	50 (10)		225.9 (66.2)	217.5 (63.7)	209.0 (61.2)	200.4 (58.7)	191.9 (56.3)	183.4 (53.8)	174.8 (51.2)
	45 (7.2)		205.4 (60.2)	197.6 (57.9)	189.8 (55.6)	182.1 (53.4)	174.2 (51.1)	166.3 (48.7)	158.3 (46.4)
	40 (4.4)		186.3 (54.6)	179.1 (52.5)	171.9 (50.4)	164.7 (48.3)	157.5 (46.2)	150.3 (44)	142.9 (41.9)
	35 (1.7)		168.3 (49.3)	161.8 (47.4)	155.2 (45.5)	148.6 (43.5)	142.0 (41.6)	135.3 (39.7)	128.6 (37.7)
KVS021H8-B Compressor Model 4NES-20	55 (12.8)		289.6 (84.9)	279.1 (81.8)	268.7 (78.7)	258.1 (75.6)	247.6 (72.6)	237.0 (69.5)	226.3 (66.3)
	50 (10)		264.4 (77.5)	254.7 (74.7)	245.0 (71.8)	235.3 (69)	225.4 (66.1)	215.7 (63.2)	205.8 (60.3)
	45 (7.2)		240.7 (70.5)	231.7 (67.9)	222.8 (65.3)	213.8 (62.7)	204.8 (60)	195.7 (57.4)	186.6 (54.7)
	40 (4.4)		218.4 (64)	210.2 (61.6)	202.0 (59.2)	193.7 (56.8)	185.4 (54.3)	177.0 (51.9)	168.7 (49.5)
	35 (1.7)		197.6 (57.9)	190.1 (55.7)	182.6 (53.5)	174.9 (51.3)	167.4 (49.1)	159.7 (46.8)	152.0 (44.6)
KVS026H8-B Compressor Model 4HE-25	55 (12.8)		381.8 (111.9)	368.4 (108)	355.0 (104)	341.6 (100.1)	328.1 (96.2)	314.6 (92.2)	301.0 (88.2)
	50 (10)		348.6 (102.2)	336.2 (98.5)	323.9 (94.9)	311.4 (91.3)	298.9 (87.6)	286.4 (83.9)	273.9 (80.3)
	45 (7.2)		317.3 (93)	306.0 (89.7)	294.5 (86.3)	283.1 (83)	271.6 (79.6)	260.1 (76.2)	248.5 (72.8)
	40 (4.4)		287.9 (84.4)	277.5 (81.3)	267.0 (78.3)	256.5 (75.2)	246.0 (72.1)	235.4 (69)	224.8 (65.9)
	35 (1.7)		260.4 (76.3)	250.8 (73.5)	241.3 (70.7)	231.6 (67.9)	222.0 (65.1)	212.3 (62.2)	202.7 (59.4)
KVS031H8-B Compressor Model 4GE-30	55 (12.8)		445.7 (130.6)	430.6 (126.2)	415.4 (121.7)	400.2 (117.3)	384.8 (112.8)	369.5 (108.3)	354.1 (103.8)
	50 (10)		407.4 (119.4)	393.4 (115.3)	379.5 (111.2)	365.4 (107.1)	351.2 (102.9)	337.1 (98.8)	322.8 (94.6)
	45 (7.2)		371.3 (108.8)	358.5 (105.1)	345.6 (101.3)	332.6 (97.5)	319.6 (93.7)	306.6 (89.9)	293.5 (86)
	40 (4.4)		337.4 (98.9)	325.6 (95.4)	313.7 (91.9)	302.0 (88.5)	290.0 (85)	278.0 (81.5)	266.1 (78)
	35 (1.7)		305.6 (89.5)	294.8 (86.4)	284.0 (83.2)	273.2 (80.1)	262.3 (76.9)	251.4 (73.7)	240.5 (70.5)
KVS036H8-B Compressor Model 6HE-35	55 (12.8)		557.3 (163.3)	538.1 (157.7)	518.6 (152)	499.0 (146.2)	479.1 (140.4)	459.2 (134.6)	439.1 (128.7)
	50 (10)		508.6 (149.1)	490.8 (143.8)	472.8 (138.6)	454.7 (133.2)	436.4 (127.9)	417.9 (122.5)	399.3 (117)
	45 (7.2)		462.8 (135.6)	446.5 (130.8)	429.9 (126)	413.2 (121.1)	396.4 (116.2)	379.4 (111.2)	362.3 (106.2)
	40 (4.4)		419.9 (123.1)	404.9 (118.7)	389.7 (114.2)	374.4 (109.7)	359.0 (105.2)	343.4 (100.6)	327.7 (96)
	35 (1.7)		379.8 (111.3)	366.0 (107.3)	352.3 (103.2)	338.2 (99.1)	324.1 (95)	310.0 (90.8)	295.6 (86.6)
KVS041H8-B Compressor Model 6GE-40	55 (12.8)		649.5 (190.4)	627.6 (183.9)	605.4 (177.4)	583.2 (170.9)	560.6 (164.3)	537.9 (157.6)	515.1 (151)
	50 (10)		593.4 (173.9)	573.1 (168)	552.7 (162)	532.1 (156)	511.4 (149.9)	490.5 (143.7)	469.4 (137.6)
	45 (7.2)		540.5 (158.4)	522.0 (153)	503.2 (147.5)	484.3 (141.9)	465.2 (136.3)	445.9 (130.7)	426.6 (125)
	40 (4.4)		491.0 (143.9)	474.0 (138.9)	456.9 (133.9)	439.5 (128.8)	422.1 (123.7)	404.5 (118.5)	386.8 (113.4)
	35 (1.7)		444.7 (130.3)	429.2 (125.8)	413.6 (121.2)	397.8 (116.6)	381.9 (111.9)	365.9 (107.2)	349.8 (102.5)
KVS051H8-B Compressor Model 6FE-50	55 (12.8)		747.3 (219)	721.1 (211.3)	694.8 (203.6)	668.2 (195.8)	641.6 (188)	614.7 (180.1)	587.6 (172.2)
	50 (10)		683.4 (200.3)	659.3 (193.2)	634.9 (186.1)	610.4 (178.9)	585.7 (171.6)	560.8 (164.4)	535.7 (157)
	45 (7.2)		623.2 (182.6)	600.9 (176.1)	578.6 (169.6)	555.9 (162.9)	533.1 (156.2)	510.2 (149.5)	487.1 (142.8)
	40 (4.4)		566.5 (166)	546.1 (160)	525.5 (154)	504.8 (148)	483.8 (141.8)	462.8 (135.6)	441.7 (129.5)
	35 (1.7)		513.3 (150.4)	494.8 (145)	476.0 (139.5)	457.0 (133.9)	437.9 (128.3)	418.6 (122.7)	399.3 (117)

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) <b>R407C</b> 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-B Compressor Model 4PES-15	30	(-1.1)	151.6 (44.4)	145.6 (42.7)	139.7 (40.9)	133.6 (39.1)	127.6 (37.4)	121.5 (35.6)	115.3 (33.8)
	25	(-3.9)	136.0 (39.9)	130.6 (38.3)	125.2 (36.7)	119.6 (35)	114.1 (33.4)	108.6 (31.8)	103.0 (30.2)
	20	(-6.7)	121.6 (35.6)	116.7 (34.2)	111.7 (32.7)	106.7 (31.3)	101.7 (29.8)	96.7 (28.3)	91.6 (26.8)
	15	(-9.4)	108.2 (31.7)	103.7 (30.4)	99.2 (29.1)	94.7 (27.8)	90.2 (26.4)	85.7 (25.1)	81.1 (23.8)
	10	(-12.2)	95.9 (28.1)	91.8 (26.9)	87.8 (25.7)	83.7 (24.5)	79.6 (23.3)	75.5 (22.1)	71.3 (20.9)
KVS021M8-B Compressor Model 4NES-20	30	(-1.1)	178.2 (52.2)	171.4 (50.2)	164.4 (48.2)	157.5 (46.2)	150.6 (44.1)	143.6 (42.1)	136.6 (40)
	25	(-3.9)	160.0 (46.9)	153.8 (45.1)	147.6 (43.3)	141.3 (41.4)	135.0 (39.6)	128.6 (37.7)	122.2 (35.8)
	20	(-6.7)	143.3 (42)	137.7 (40.3)	132.0 (38.7)	126.3 (37)	120.5 (35.3)	114.8 (33.6)	109.0 (31.9)
	15	(-9.4)	127.7 (37.4)	122.6 (35.9)	117.5 (34.4)	112.4 (32.9)	107.2 (31.4)	102.0 (29.9)	96.7 (28.3)
	10	(-12.2)	113.3 (33.2)	108.8 (31.9)	104.2 (30.5)	99.4 (29.1)	94.8 (27.8)	90.1 (26.4)	85.4 (25)
KVS026M8-B Compressor Model 4HE-25	30	(-1.1)	234.7 (68.8)	226.0 (66.2)	217.2 (63.7)	208.4 (61.1)	199.6 (58.5)	190.8 (55.9)	182.0 (53.3)
	25	(-3.9)	210.7 (61.8)	202.8 (59.4)	194.9 (57.1)	186.8 (54.7)	178.8 (52.4)	170.8 (50.1)	162.8 (47.7)
	20	(-6.7)	188.5 (55.2)	181.2 (53.1)	174.0 (51)	166.7 (48.9)	159.5 (46.7)	152.1 (44.6)	144.9 (42.5)
	15	(-9.4)	167.8 (49.2)	161.3 (47.3)	154.7 (45.3)	148.1 (43.4)	141.4 (41.5)	134.9 (39.5)	128.3 (37.6)
	10	(-12.2)	148.7 (43.6)	142.7 (41.8)	136.7 (40.1)	130.7 (38.3)	124.8 (36.6)	118.9 (34.8)	113.0 (33.1)
KVS031M8-B Compressor Model 4GE-30	30	(-1.1)	275.8 (80.8)	266.1 (78)	256.2 (75.1)	246.3 (72.2)	236.5 (69.3)	226.6 (66.4)	216.6 (63.5)
	25	(-3.9)	248.1 (72.7)	239.2 (70.1)	230.4 (67.5)	221.3 (64.9)	212.4 (62.3)	203.4 (59.6)	194.4 (57)
	20	(-6.7)	222.4 (65.2)	214.3 (62.8)	206.2 (60.4)	198.1 (58.1)	189.9 (55.7)	181.9 (53.3)	173.7 (50.9)
	15	(-9.4)	198.5 (58.2)	191.1 (56)	183.9 (53.9)	176.5 (51.7)	169.2 (49.6)	161.8 (47.4)	154.5 (45.3)
	10	(-12.2)	176.3 (51.7)	169.7 (49.7)	163.1 (47.8)	156.5 (45.9)	149.8 (43.9)	143.2 (42)	136.5 (40)
KVS036M8-B Compressor Model 6HE-35	30	(-1.1)	342.4 (100.3)	329.9 (96.7)	317.3 (93)	304.6 (89.3)	291.8 (85.5)	278.8 (81.7)	265.9 (77.9)
	25	(-3.9)	307.7 (90.2)	296.3 (86.8)	285.0 (83.5)	273.4 (80.1)	261.8 (76.7)	250.0 (73.3)	238.2 (69.8)
	20	(-6.7)	275.4 (80.7)	265.2 (77.7)	254.9 (74.7)	244.4 (71.6)	233.9 (68.6)	223.3 (65.5)	212.7 (62.3)
	15	(-9.4)	245.6 (72)	236.4 (69.3)	227.1 (66.6)	217.7 (63.8)	208.2 (61)	198.8 (58.3)	189.2 (55.5)
	10	(-12.2)	218.0 (63.9)	209.8 (61.5)	201.4 (59)	193.0 (56.6)	184.5 (54.1)	176.0 (51.6)	167.4 (49.1)
KVS041M8-B Compressor Model 6GE-40	30	(-1.1)	401.5 (117.7)	387.6 (113.6)	373.4 (109.4)	359.0 (105.2)	344.6 (101)	330.0 (96.7)	315.4 (92.4)
	25	(-3.9)	361.4 (105.9)	348.8 (102.2)	336.0 (98.5)	323.0 (94.7)	310.0 (90.8)	296.7 (87)	283.5 (83.1)
	20	(-6.7)	324.2 (95)	312.8 (91.7)	301.2 (88.3)	289.6 (84.9)	277.8 (81.4)	266.0 (77.9)	254.1 (74.5)
	15	(-9.4)	289.8 (84.9)	279.6 (81.9)	269.2 (78.9)	258.7 (75.8)	248.1 (72.7)	237.5 (69.6)	226.9 (66.5)
	10	(-12.2)	258.0 (75.6)	248.9 (72.9)	239.5 (70.2)	230.2 (67.5)	220.7 (64.7)	211.3 (61.9)	201.7 (59.1)
KVS051M8-B Compressor Model 6FE-50	30	(-1.1)	463.8 (135.9)	446.8 (130.9)	429.7 (125.9)	412.4 (120.9)	395.0 (115.8)	377.5 (110.6)	359.9 (105.5)
	25	(-3.9)	417.5 (122.4)	402.2 (117.9)	386.6 (113.3)	371.0 (108.7)	355.1 (104.1)	339.3 (99.4)	323.4 (94.8)
	20	(-6.7)	374.4 (109.7)	360.6 (105.7)	346.5 (101.5)	332.4 (97.4)	318.2 (93.2)	303.9 (89.1)	289.5 (84.8)
	15	(-9.4)	334.5 (98)	322.0 (94.4)	309.4 (90.7)	296.6 (86.9)	283.8 (83.2)	271.0 (79.4)	258.1 (75.6)
	10	(-12.2)	297.5 (87.2)	286.3 (83.9)	275.0 (80.6)	263.6 (77.2)	252.1 (73.9)	240.6 (70.5)	229.0 (67.1)

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) <b>R404A R507</b> 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-B Compressor 4PES-15	45	(7.2)	219.7 (64.4)	210.3 (61.6)	200.9 (58.9)	191.6 (56.2)	182.4 (53.5)	173.2 (50.8)	164.1 (48.1)
	40	(4.4)	201.3 (59)	192.5 (56.4)	183.8 (53.9)	175.1 (51.3)	166.5 (48.8)	157.9 (46.3)	149.5 (43.8)
	35	(1.7)	183.8 (53.9)	175.6 (51.5)	167.5 (49.1)	159.5 (46.7)	151.5 (44.4)	143.6 (42.1)	135.7 (39.8)
KVS021H8-B Compressor 4NES-20	45	(7.2)	258.5 (75.8)	247.7 (72.6)	236.9 (69.4)	226.2 (66.3)	215.6 (63.2)	205.0 (60.1)	194.5 (57)
	40	(4.4)	237.1 (69.5)	227.0 (66.5)	217.0 (63.6)	207.1 (60.7)	197.2 (57.8)	187.3 (54.9)	177.5 (52)
	35	(1.7)	216.8 (63.5)	207.5 (60.8)	198.2 (58.1)	189.0 (55.4)	179.8 (52.7)	170.7 (50)	161.6 (47.4)
KVS026H8-B Compressor 4HE-25	45	(7.2)	333.3 (97.7)	319.7 (93.7)	306.0 (89.7)	292.4 (85.7)	278.7 (81.7)	265.1 (77.7)	251.5 (73.7)
	40	(4.4)	306.8 (89.9)	294.1 (86.2)	281.4 (82.5)	268.7 (78.7)	256.0 (75)	243.3 (71.3)	230.6 (67.6)
	35	(1.7)	281.6 (82.5)	269.8 (79.1)	258.0 (75.6)	246.2 (72.2)	234.4 (68.7)	222.7 (65.3)	210.9 (61.8)
KVS031H8-B Compressor 4GE-30	45	(7.2)	383.2 (112.3)	367.4 (107.7)	351.5 (103)	335.5 (98.3)	319.6 (93.7)	303.7 (89)	287.8 (84.3)
	40	(4.4)	352.8 (103.4)	338.1 (99.1)	323.3 (94.7)	308.5 (90.4)	293.7 (86.1)	278.9 (81.7)	264.1 (77.4)
	35	(1.7)	323.9 (94.9)	310.2 (90.9)	296.6 (86.9)	282.9 (82.9)	269.1 (78.9)	255.4 (74.9)	241.7 (70.8)
KVS036H8-B Compressor 6HE-35	45	(7.2)	492.3 (144.3)	472.3 (138.4)	452.3 (132.6)	432.4 (126.7)	412.5 (120.9)	392.6 (115.1)	372.8 (109.3)
	40	(4.4)	452.9 (132.7)	434.3 (127.3)	415.7 (121.8)	397.1 (116.4)	378.6 (111)	360.1 (105.5)	341.7 (100.1)
	35	(1.7)	415.4 (121.7)	398.2 (116.7)	381.0 (111.7)	363.8 (106.6)	346.6 (101.6)	329.4 (96.5)	312.3 (91.5)
KVS041H8-B Compressor 6GE-40	45	(7.2)	557.7 (163.4)	534.3 (156.6)	511.0 (149.8)	487.7 (142.9)	464.5 (136.1)	441.3 (129.3)	418.1 (122.5)
	40	(4.4)	513.6 (150.5)	491.9 (144.2)	470.3 (137.8)	448.7 (131.5)	427.1 (125.2)	405.5 (118.8)	384.0 (112.5)
	35	(1.7)	471.7 (138.2)	451.7 (132.4)	431.7 (126.5)	411.7 (120.7)	391.7 (114.8)	371.7 (108.9)	351.8 (103.1)
KVS051H8-B Compressor 6FE-50	45	(7.2)	653.0 (191.4)	625.1 (183.2)	597.2 (175)	569.3 (166.8)	541.4 (158.7)	513.6 (150.5)	485.7 (142.3)
	40	(4.4)	603.2 (176.8)	577.3 (169.2)	551.4 (161.6)	525.5 (154)	499.6 (146.4)	473.7 (138.8)	447.8 (131.2)
	35	(1.7)	555.7 (162.9)	531.7 (155.8)	507.8 (148.8)	483.8 (141.8)	459.8 (134.8)	435.8 (127.7)	411.8 (120.7)



**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-B Compressor Model 4PES-15	30	(-1.1)	167.2 (49)	159.7 (46.8)	152.2 (44.6)	144.8 (42.4)	137.4 (40.3)	130.1 (38.1)	122.8 (36)
	25	(-3.9)	151.7 (44.5)	144.7 (42.4)	137.8 (40.4)	131.0 (38.4)	124.2 (36.4)	117.4 (34.4)	110.7 (32.4)
	20	(-6.7)	137.0 (40.2)	130.7 (38.3)	124.4 (36.5)	118.1 (34.6)	111.8 (32.8)	105.6 (30.9)	99.5 (29.2)
	15	(-9.4)	123.3 (36.1)	117.5 (34.4)	111.7 (32.7)	106.0 (31.1)	100.3 (29.4)	94.6 (27.7)	89.0 (26.1)
	10	(-12.2)	110.5 (32.4)	105.2 (30.8)	100.0 (29.3)	94.8 (27.8)	89.6 (26.3)	84.4 (24.7)	79.3 (23.2)
	5	(-15)	98.6 (28.9)	93.8 (27.5)	89.0 (26.1)	84.3 (24.7)	79.6 (23.3)	75.0 (22)	70.3 (20.6)
0	(-17.8)	87.5 (25.6)	83.2 (24.4)	78.9 (23.1)	74.6 (21.9)	70.4 (20.6)	66.2 (19.4)	62.1 (18.2)	
KVS021M8-B Compressor Model 4NES-20	30	(-1.1)	197.7 (57.9)	189.1 (55.4)	180.5 (52.9)	171.9 (50.4)	163.5 (47.9)	155.0 (45.4)	146.7 (43)
	25	(-3.9)	179.6 (52.6)	171.7 (50.3)	163.8 (48)	155.9 (45.7)	148.1 (43.4)	140.4 (41.1)	132.7 (38.9)
	20	(-6.7)	162.6 (47.7)	155.4 (45.5)	148.1 (43.4)	141.0 (41.3)	133.8 (39.2)	126.7 (37.1)	119.6 (35.1)
	15	(-9.4)	146.7 (43)	140.1 (41.1)	133.5 (39.1)	126.9 (37.2)	120.4 (35.3)	113.9 (33.4)	107.5 (31.5)
	10	(-12.2)	131.8 (38.6)	125.8 (36.9)	119.8 (35.1)	113.9 (33.4)	108.0 (31.7)	102.1 (29.9)	96.2 (28.2)
	5	(-15)	117.9 (34.6)	112.5 (33)	107.1 (31.4)	101.8 (29.8)	96.4 (28.3)	91.1 (26.7)	85.8 (25.1)
0	(-17.8)	105.1 (30.8)	100.2 (29.4)	95.3 (27.9)	90.5 (26.5)	85.7 (25.1)	80.9 (23.7)	76.2 (22.3)	
KVS026M8-B Compressor Model 4HE-25	30	(-1.1)	257.6 (75.5)	246.8 (72.3)	235.9 (69.1)	225.0 (65.9)	214.1 (62.7)	203.2 (59.6)	192.3 (56.4)
	25	(-3.9)	235.0 (68.9)	225.0 (65.9)	215.0 (63)	205.0 (60.1)	194.9 (57.1)	184.9 (54.2)	174.9 (51.3)
	20	(-6.7)	213.6 (62.6)	204.5 (59.9)	195.3 (57.2)	186.1 (54.5)	176.9 (51.8)	167.7 (49.1)	158.5 (46.5)
	15	(-9.4)	193.5 (56.7)	185.2 (54.3)	176.8 (51.8)	168.4 (49.4)	160.0 (46.9)	151.6 (44.4)	143.2 (42)
	10	(-12.2)	174.6 (51.2)	167.1 (49)	159.5 (46.7)	151.8 (44.5)	144.2 (42.3)	136.5 (40)	128.9 (37.8)
	5	(-15)	157.0 (46)	150.1 (44)	143.2 (42)	136.3 (39.9)	129.4 (37.9)	122.4 (35.9)	115.5 (33.8)
0	(-17.8)	140.5 (41.2)	134.3 (39.4)	128.1 (37.5)	121.9 (35.7)	115.6 (33.9)	109.3 (32)	103.1 (30.2)	
KVS031M8-B Compressor Model 4GE-30	30	(-1.1)	296.4 (86.9)	283.9 (83.2)	271.3 (79.5)	258.6 (75.8)	245.9 (72.1)	233.3 (68.4)	220.6 (64.7)
	25	(-3.9)	270.5 (79.3)	258.9 (75.9)	247.4 (72.5)	235.7 (69.1)	224.1 (65.7)	212.4 (62.2)	200.7 (58.8)
	20	(-6.7)	245.9 (72.1)	235.4 (69)	224.8 (65.9)	214.2 (62.8)	203.5 (59.6)	192.8 (56.5)	182.1 (53.4)
	15	(-9.4)	222.9 (65.3)	213.3 (62.5)	203.7 (59.7)	194.0 (56.9)	184.3 (54)	174.5 (51.1)	164.7 (48.3)
	10	(-12.2)	201.2 (59)	192.6 (56.4)	183.8 (53.9)	175.0 (51.3)	166.2 (48.7)	157.3 (46.1)	148.5 (43.5)
	5	(-15)	181.0 (53)	173.2 (50.8)	165.3 (48.4)	157.3 (46.1)	149.3 (43.8)	141.3 (41.4)	133.3 (39.1)
0	(-17.8)	162.0 (47.5)	155.0 (45.4)	147.9 (43.3)	140.8 (41.3)	133.6 (39.2)	126.4 (37)	119.2 (34.9)	
KVS036M8-B Compressor Model 6HE-35	30	(-1.1)	380.0 (111.4)	364.1 (106.7)	348.2 (102)	332.3 (97.4)	316.4 (92.7)	300.5 (88.1)	284.6 (83.4)
	25	(-3.9)	346.5 (101.5)	331.9 (97.3)	317.2 (93)	302.6 (88.7)	287.9 (84.4)	273.3 (80.1)	258.7 (75.8)
	20	(-6.7)	314.9 (92.3)	301.5 (88.4)	288.1 (84.4)	274.6 (80.5)	261.2 (76.5)	247.8 (72.6)	234.3 (68.7)
	15	(-9.4)	285.2 (83.6)	272.9 (80)	260.7 (76.4)	248.4 (72.8)	236.1 (69.2)	223.9 (65.6)	211.6 (62)
	10	(-12.2)	257.3 (75.4)	246.2 (72.2)	235.1 (68.9)	223.9 (65.6)	212.7 (62.3)	201.5 (59.1)	190.3 (55.8)
	5	(-15)	231.2 (67.8)	221.2 (64.8)	211.1 (61.9)	201.0 (58.9)	190.8 (55.9)	180.7 (53)	170.5 (50)
0	(-17.8)	206.9 (60.6)	197.9 (58)	188.8 (55.3)	179.6 (52.6)	170.5 (50)	161.3 (47.3)	152.1 (44.6)	
KVS041M8-B Compressor Model 6GE-40	30	(-1.1)	431.9 (126.6)	413.5 (121.2)	395.1 (115.8)	376.6 (110.4)	358.2 (105)	339.8 (99.6)	321.4 (94.2)
	25	(-3.9)	394.3 (115.6)	377.4 (110.6)	360.5 (105.7)	343.6 (100.7)	326.7 (95.7)	309.7 (90.8)	292.8 (85.8)
	20	(-6.7)	358.7 (105.1)	343.3 (100.6)	327.9 (96.1)	312.4 (91.6)	296.9 (87)	281.5 (82.5)	266.0 (78)
	15	(-9.4)	325.2 (95.3)	311.2 (91.2)	297.2 (87.1)	283.1 (83)	269.0 (78.8)	254.9 (74.7)	240.8 (70.6)
	10	(-12.2)	293.8 (86.1)	281.1 (82.4)	268.4 (78.7)	255.6 (74.9)	242.9 (71.2)	230.1 (67.4)	217.3 (63.7)
	5	(-15)	264.3 (77.5)	252.9 (74.1)	241.4 (70.7)	229.9 (67.4)	218.4 (64)	206.9 (60.6)	195.3 (57.2)
0	(-17.8)	236.8 (69.4)	226.6 (66.4)	216.3 (63.4)	205.9 (60.3)	195.6 (57.3)	185.2 (54.3)	174.7 (51.2)	
KVS051M8-B Compressor Model 6FE-50	30	(-1.1)	510.3 (149.6)	488.3 (143.1)	466.2 (136.6)	444.1 (130.2)	422.0 (123.7)	399.9 (117.2)	377.8 (110.7)
	25	(-3.9)	467.2 (136.9)	447.0 (131)	426.8 (125.1)	406.5 (119.1)	386.2 (113.2)	365.9 (107.2)	345.5 (101.3)
	20	(-6.7)	426.2 (124.9)	407.9 (119.5)	389.4 (114.1)	370.8 (108.7)	352.3 (103.2)	333.7 (97.8)	315.1 (92.3)
	15	(-9.4)	387.5 (113.6)	370.8 (108.7)	354.0 (103.7)	337.2 (98.8)	320.3 (93.9)	303.3 (88.9)	286.4 (83.9)
	10	(-12.2)	351.0 (102.9)	335.9 (98.4)	320.7 (94)	305.4 (89.5)	290.1 (85)	274.8 (80.5)	259.3 (76)
	5	(-15)	316.7 (92.8)	303.1 (88.8)	289.4 (84.8)	275.6 (80.8)	261.8 (76.7)	247.9 (72.7)	233.9 (68.5)
0	(-17.8)	284.4 (83.3)	272.2 (79.8)	259.9 (76.2)	247.6 (72.6)	235.1 (68.9)	222.6 (65.2)	210.1 (61.6)	

# 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)			
	KVS013L6-B Compressor Model 4NES-14	0 (-17.8)		96.3 (28.2)	91.6 (26.8)	87.0 (25.5)	82.4 (24.1)	77.7 (22.8)	73.1 (21.4)	68.5 (20.1)		
-5 (-20.6)			86.0 (25.2)	81.8 (24)	77.6 (22.7)	73.4 (21.5)	69.2 (20.3)	65.0 (19)	60.8 (17.8)			
-10 (-23.3)			76.3 (22.4)	72.6 (21.3)	68.8 (20.2)	65.0 (19)	61.2 (17.9)	57.4 (16.8)	53.7 (15.7)			
-15 (-26.1)			67.4 (19.8)	64.0 (18.8)	60.6 (17.8)	57.2 (16.8)	53.8 (15.8)	50.4 (14.8)	47.0 (13.8)			
-20 (-28.9)			59.0 (17.3)	56.0 (16.4)	53.0 (15.5)	49.9 (14.6)	46.9 (13.7)	43.9 (12.9)	40.8 (12)			
-25 (-31.7)			51.4 (15.1)	48.7 (14.3)	45.9 (13.5)	43.2 (12.7)	40.5 (11.9)	37.8 (11.1)	35.1 (10.3)			
-30 (-34.4)			44.3 (13)	41.9 (12.3)	39.5 (11.6)	37.0 (10.8)	34.6 (10.1)	32.2 (9.4)	29.8 (8.7)			
-35 (-37.2)			37.8 (11.1)	35.7 (10.5)	33.5 (9.8)	31.3 (9.2)	29.2 (8.6)	27.0 (7.9)	24.9 (7.3)			
-40 (-40)		31.9 (9.3)	30.0 (8.8)	28.0 (8.2)	26.0 (7.6)	24.1 (7.1)	22.2 (6.5)	20.3 (5.9)				
KVS016L6-B Compressor Model 4HE-18	0 (-17.8)		136.8 (40.1)	130.7 (38.3)	124.7 (36.5)	118.6 (34.8)	112.6 (33)	106.5 (31.2)	100.5 (29.5)			
	-5 (-20.6)		122.5 (35.9)	117.0 (34.3)	111.6 (32.7)	106.1 (31.1)	100.6 (29.5)	95.2 (27.9)	89.7 (26.3)			
	-10 (-23.3)		109.1 (32)	104.2 (30.5)	99.3 (29.1)	94.4 (27.7)	89.5 (26.2)	84.6 (24.8)	79.7 (23.4)			
	-15 (-26.1)		96.7 (28.3)	92.3 (27.1)	87.9 (25.8)	83.5 (24.5)	79.1 (23.2)	74.7 (21.9)	70.3 (20.6)			
	-20 (-28.9)		85.1 (24.9)	81.2 (23.8)	77.3 (22.7)	73.3 (21.5)	69.4 (20.3)	65.5 (19.2)	61.6 (18.1)			
	-25 (-31.7)		74.4 (21.8)	70.9 (20.8)	67.4 (19.8)	63.9 (18.7)	60.4 (17.7)	56.9 (16.7)	53.4 (15.6)			
	-30 (-34.4)		64.5 (18.9)	61.4 (18)	58.3 (17.1)	55.1 (16.1)	52.0 (15.2)	48.9 (14.3)	45.8 (13.4)			
	-35 (-37.2)		55.4 (16.2)	52.6 (15.4)	49.8 (14.6)	47.0 (13.8)	44.3 (13)	41.5 (12.2)	38.8 (11.4)			
-40 (-40)		46.9 (13.7)	44.5 (13)	42.0 (12.3)	39.5 (11.6)	37.0 (10.8)	34.6 (10.1)	32.1 (9.4)				
KVS021L6-B Compressor Model 4GE-23	0 (-17.8)		155.8 (45.7)	149.0 (43.7)	142.2 (41.7)	135.3 (39.7)	128.5 (37.7)	121.6 (35.6)	114.8 (33.6)			
	-5 (-20.6)		140.1 (41.1)	133.9 (39.2)	127.8 (37.5)	121.6 (35.6)	115.4 (33.8)	109.3 (32)	103.1 (30.2)			
	-10 (-23.3)		125.3 (36.7)	119.8 (35.1)	114.3 (33.5)	108.7 (31.9)	103.2 (30.2)	97.7 (28.6)	92.1 (27)			
	-15 (-26.1)		111.4 (32.6)	106.5 (31.2)	101.6 (29.8)	96.7 (28.3)	91.7 (26.9)	86.8 (25.4)	81.9 (24)			
	-20 (-28.9)		98.5 (28.9)	94.2 (27.6)	89.8 (26.3)	85.4 (25)	81.0 (23.7)	76.6 (22.4)	72.3 (21.2)			
	-25 (-31.7)		86.5 (25.4)	82.7 (24.2)	78.8 (23.1)	74.9 (22)	71.0 (20.8)	67.1 (19.7)	63.3 (18.6)			
	-30 (-34.4)		75.4 (22.1)	72.0 (21.1)	68.5 (20.1)	65.1 (19.1)	61.7 (18.1)	58.3 (17.1)	54.9 (16.1)			
	-35 (-37.2)		65.1 (19.1)	62.1 (18.2)	59.0 (17.3)	56.0 (16.4)	53.0 (15.5)	50.0 (14.7)	47.0 (13.8)			
-40 (-40)		55.6 (16.3)	52.9 (15.5)	50.2 (14.7)	47.5 (13.9)	44.8 (13.1)	42.2 (12.4)	39.6 (11.6)				
KVS026L6-B Compressor Model 6HE-28	0 (-17.8)		194.1 (56.9)	185.4 (54.3)	176.7 (51.8)	168.1 (49.3)	159.5 (46.7)	150.9 (44.2)	142.3 (41.7)			
	-5 (-20.6)		174.4 (51.1)	166.5 (48.8)	158.7 (46.5)	150.8 (44.2)	143.0 (41.9)	135.2 (39.6)	127.4 (37.3)			
	-10 (-23.3)		155.9 (45.7)	148.8 (43.6)	141.7 (41.5)	134.6 (39.4)	127.5 (37.4)	120.5 (35.3)	113.4 (33.2)			
	-15 (-26.1)		138.5 (40.6)	132.2 (38.7)	125.8 (36.9)	119.4 (35)	113.1 (33.1)	106.7 (31.3)	100.3 (29.4)			
	-20 (-28.9)		122.4 (35.9)	116.6 (34.2)	110.9 (32.5)	105.2 (30.8)	99.5 (29.2)	93.8 (27.5)	88.1 (25.8)			
	-25 (-31.7)		107.3 (31.4)	102.2 (30)	97.1 (28.5)	92.0 (27)	86.8 (25.4)	81.7 (23.9)	76.6 (22.4)			
	-30 (-34.4)		93.3 (27.3)	88.7 (26)	84.2 (24.7)	79.6 (23.3)	75.0 (22)	70.5 (20.7)	65.9 (19.3)			
	-35 (-37.2)		80.4 (23.6)	76.3 (22.4)	72.2 (21.2)	68.1 (20)	64.0 (18.8)	59.9 (17.6)	55.8 (16.4)			
-40 (-40)		68.4 (20)	64.7 (19)	61.0 (17.9)	57.4 (16.8)	53.7 (15.7)	50.0 (14.7)	46.3 (13.6)				
KVS031L6-B Compressor Model 6GE-34	0 (-17.8)		222.1 (65.1)	212.5 (62.3)	202.9 (59.5)	193.2 (56.6)	183.6 (53.8)	173.9 (51)	164.1 (48.1)			
	-5 (-20.6)		200.8 (58.8)	192.1 (56.3)	183.5 (53.8)	174.8 (51.2)	166.0 (48.6)	157.3 (46.1)	148.4 (43.5)			
	-10 (-23.3)		180.6 (52.9)	172.9 (50.7)	165.1 (48.4)	157.3 (46.1)	149.5 (43.8)	141.6 (41.5)	133.6 (39.2)			
	-15 (-26.1)		161.7 (47.4)	154.7 (45.3)	147.8 (43.3)	140.8 (41.3)	133.8 (39.2)	126.7 (37.1)	119.5 (35)			
	-20 (-28.9)		143.8 (42.1)	137.7 (40.4)	131.5 (38.5)	125.3 (36.7)	119.0 (34.9)	112.7 (33)	106.3 (31.2)			
	-25 (-31.7)		127.1 (37.2)	121.7 (35.7)	116.2 (34.1)	110.6 (32.4)	105.0 (30.8)	99.4 (29.1)	93.7 (27.5)			
	-30 (-34.4)		111.6 (32.7)	106.7 (31.3)	101.8 (29.8)	96.9 (28.4)	91.9 (26.9)	86.9 (25.5)	81.8 (24)			
	-35 (-37.2)		97.0 (28.4)	92.7 (27.2)	88.4 (25.9)	84.0 (24.6)	79.6 (23.3)	75.1 (22)	70.5 (20.7)			
-40 (-40)		83.6 (24.5)	79.7 (23.4)	75.8 (22.2)	71.9 (21.1)	67.9 (19.9)	63.9 (18.7)	59.7 (17.5)				
KVS041L6-B Compressor Model 6FE-44	0 (-17.8)		270.0 (79.1)	258.3 (75.7)	246.5 (72.2)	234.7 (68.8)	222.9 (65.3)	211.0 (61.8)	199.2 (58.4)			
	-5 (-20.6)		243.6 (71.4)	233.0 (68.3)	222.4 (65.2)	211.7 (62)	201.0 (58.9)	190.3 (55.8)	179.6 (52.6)			
	-10 (-23.3)		218.6 (64.1)	209.1 (61.3)	199.5 (58.5)	190.0 (55.7)	180.3 (52.8)	170.7 (50)	161.0 (47.2)			
	-15 (-26.1)		195.1 (57.2)	186.6 (54.7)	178.0 (52.2)	169.4 (49.6)	160.8 (47.1)	152.1 (44.6)	143.3 (42)			
	-20 (-28.9)		173.0 (50.7)	165.4 (48.5)	157.8 (46.2)	150.1 (44)	142.3 (41.7)	134.5 (39.4)	126.6 (37.1)			
	-25 (-31.7)		152.4 (44.7)	145.6 (42.7)	138.8 (40.7)	131.8 (38.6)	124.9 (36.6)	117.9 (34.6)	110.8 (32.5)			
	-30 (-34.4)		133.2 (39)	127.1 (37.2)	120.9 (35.4)	114.7 (33.6)	108.4 (31.8)	102.1 (29.9)	95.8 (28.1)			
	-35 (-37.2)		115.3 (33.8)	109.8 (32.2)	104.2 (30.5)	98.6 (28.9)	92.9 (27.2)	87.2 (25.6)	81.4 (23.9)			
-40 (-40)		98.7 (28.9)	93.7 (27.5)	88.6 (26)	83.5 (24.5)	78.3 (22.9)	73.1 (21.4)	67.8 (19.9)				

**LOW TEMPERATURE MODELS**

**w/ 850RPM CONDENSER MOTOR(S) 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)	100 (37.8)	105 (40.6)	110 (43.3)	115 (46.1)			
KVS013D6-B  Compressor Model 4NES-14	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)	66.6 (19.5)			
	-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-B  Compressor Model 4HE-18	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-B  Compressor Model 4GE-23	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-B  Compressor Model 6HE-28	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-B  Compressor Model 6GE-34	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)			

# CAPACITY DATA - **R407A**

## HIGH TEMP. HIGH EFFICIENCY MODELS

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE ° F      ° C	CAPACITY MBH (KW) <b>R407A</b> 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)	
<b>KVD031H8-B</b> Compressor 4PES-15	45 (7.2)	424.2 (124.3)	407.8 (119.5)	391.4 (114.7)	375.1 (109.9)	358.9 (105.2)	342.5 (100.4)	326.1 (95.6)	
	40 (4.4)	385.1 (112.9)	370.0 (108.4)	354.9 (104)	339.8 (99.6)	324.7 (95.1)	309.8 (90.8)	294.6 (86.3)	
	35 (1.7)	348.6 (102.2)	334.7 (98.1)	320.9 (94)	306.8 (89.9)	293.0 (85.9)	279.1 (81.8)	265.2 (77.7)	
<b>KVD041H8-B</b> Compressor 4NES-20	45 (7.2)	497.1 (145.7)	478.4 (140.2)	459.5 (134.7)	440.8 (129.2)	421.9 (123.6)	403.2 (118.2)	384.3 (112.6)	
	40 (4.4)	451.9 (132.4)	434.5 (127.3)	417.1 (122.2)	399.8 (117.2)	382.4 (112.1)	365.0 (107)	347.8 (101.9)	
	35 (1.7)	409.5 (120)	393.3 (115.3)	377.4 (110.6)	361.4 (105.9)	345.5 (101.2)	329.5 (96.6)	313.5 (91.9)	
<b>KVD051H8-B</b> Compressor 4HE-25	45 (7.2)	636.5 (186.5)	612.2 (179.4)	588.0 (172.3)	563.9 (165.2)	539.7 (158.2)	515.6 (151.1)	491.6 (144.1)	
	40 (4.4)	578.8 (169.6)	556.3 (163)	533.8 (156.4)	511.4 (149.9)	489.1 (143.3)	466.8 (136.8)	444.6 (130.3)	
	35 (1.7)	524.6 (153.7)	503.8 (147.6)	483.0 (141.6)	462.4 (135.5)	441.6 (129.4)	421.1 (123.4)	400.7 (117.4)	
<b>KVD061H8-B</b> Compressor 4GE-30	45 (7.2)	743.4 (217.9)	715.9 (209.8)	688.4 (201.7)	661.1 (193.7)	633.8 (185.7)	606.5 (177.7)	579.4 (169.8)	
	40 (4.4)	676.8 (198.4)	651.4 (190.9)	626.0 (183.5)	600.6 (176)	575.2 (168.6)	550.0 (161.2)	525.0 (153.9)	
	35 (1.7)	614.3 (180)	590.7 (173.1)	567.4 (166.3)	543.9 (159.4)	520.6 (152.6)	497.3 (145.7)	474.2 (139)	
<b>KVD071H8-B</b> Compressor 6HE-35	45 (7.2)	968.9 (284)	932.8 (273.4)	896.9 (262.9)	860.8 (252.3)	824.9 (241.7)	789.2 (231.3)	753.5 (220.8)	
	40 (4.4)	882.0 (258.5)	848.6 (248.7)	815.2 (238.9)	781.8 (229.1)	748.7 (219.4)	715.5 (209.7)	682.5 (200)	
	35 (1.7)	800.3 (234.5)	769.4 (225.5)	738.6 (216.5)	707.9 (207.5)	677.3 (198.5)	646.6 (189.5)	616.1 (180.6)	
<b>KVD081H8-B</b> Compressor 6GE-40	45 (7.2)	1114.1 (326.5)	1072.9 (314.4)	1031.7 (302.4)	990.8 (290.4)	949.6 (278.3)	908.9 (266.4)	868.1 (254.4)	
	40 (4.4)	1014.3 (297.3)	976.1 (286.1)	938.1 (274.9)	900.1 (263.8)	862.1 (252.6)	824.3 (241.6)	786.7 (230.5)	
	35 (1.7)	920.6 (269.8)	885.6 (259.5)	850.3 (249.2)	815.2 (238.9)	780.2 (228.6)	745.3 (218.4)	710.6 (208.3)	
<b>KVD101H8-B</b> Compressor 6FE-50	45 (7.2)	1290.0 (378.1)	1241.7 (363.9)	1193.6 (349.8)	1145.6 (335.7)	1097.7 (321.7)	1049.8 (307.7)	1002.1 (293.7)	
	40 (4.4)	1176.6 (344.8)	1131.7 (331.7)	1087.0 (318.6)	1042.4 (305.5)	997.9 (292.5)	953.6 (279.5)	909.5 (266.6)	
	35 (1.7)	1069.5 (313.4)	1028.2 (301.3)	986.8 (289.2)	945.6 (277.1)	904.5 (265.1)	863.5 (253.1)	822.8 (241.1)	

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) <b>R407A</b> 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-B  Compressor Model 4PES-15	30	(-1.1)	314.6 (92.2)	301.8 (88.4)	289.0 (84.7)	276.2 (80.9)	263.3 (77.2)	250.5 (73.4)	237.9 (69.7)	
	25	(-3.9)	282.7 (82.8)	270.9 (79.4)	259.1 (75.9)	247.6 (72.6)	235.8 (69.1)	224.1 (65.7)	212.5 (62.3)	
	20	(-6.7)	253.1 (74.2)	242.3 (71)	231.6 (67.9)	220.9 (64.7)	210.4 (61.7)	199.7 (58.5)	189.0 (55.4)	
	15	(-9.4)	225.5 (66.1)	215.9 (63.3)	206.2 (60.4)	196.6 (57.6)	186.7 (54.7)	177.0 (51.9)	167.4 (49.1)	
	10	(-12.2)	200.1 (58.7)	191.3 (56.1)	182.5 (53.5)	173.9 (51)	165.1 (48.4)	156.2 (45.8)	147.4 (43.2)	
	5	(-15)	176.8 (51.8)	168.8 (49.5)	160.9 (47.1)	152.9 (44.8)	144.9 (42.5)	137.1 (40.2)	129.2 (37.8)	
	0	(-17.8)	155.2 (45.5)	148.1 (43.4)	140.9 (41.3)	133.8 (39.2)	126.4 (37)	119.5 (35)	112.4 (32.9)	
KVD041M8-B  Compressor Model 4NES-20	30	(-1.1)	369.8 (108.4)	355.1 (104.1)	340.4 (99.8)	325.7 (95.5)	311.0 (91.1)	296.3 (86.8)	281.6 (82.5)	
	25	(-3.9)	332.6 (97.5)	319.2 (93.5)	305.8 (89.6)	292.5 (85.7)	279.1 (81.8)	265.7 (77.9)	252.2 (73.9)	
	20	(-6.7)	298.2 (87.4)	286.0 (83.8)	273.8 (80.3)	261.7 (76.7)	249.5 (73.1)	237.1 (69.5)	224.9 (65.9)	
	15	(-9.4)	266.3 (78)	255.2 (74.8)	244.2 (71.6)	233.1 (68.3)	222.0 (65.1)	210.8 (61.8)	199.9 (58.6)	
	10	(-12.2)	236.9 (69.4)	226.8 (66.5)	216.7 (63.5)	206.6 (60.6)	196.6 (57.6)	186.7 (54.7)	176.6 (51.8)	
	5	(-15)	209.6 (61.4)	200.6 (58.8)	191.5 (56.1)	182.3 (53.4)	173.3 (50.8)	164.2 (48.1)	155.2 (45.5)	
	0	(-17.8)	184.4 (54)	176.4 (51.7)	168.2 (49.3)	160.0 (46.9)	151.8 (44.5)	143.6 (42.1)	135.7 (39.8)	
KVD051M8-B  Compressor Model 4HE-25	30	(-1.1)	474.0 (138.9)	454.9 (133.3)	435.5 (127.6)	416.6 (122.1)	397.5 (116.5)	378.6 (111)	359.7 (105.4)	
	25	(-3.9)	426.5 (125)	409.1 (119.9)	391.4 (114.7)	373.8 (109.5)	356.4 (104.4)	339.2 (99.4)	321.7 (94.3)	
	20	(-6.7)	382.4 (112.1)	366.2 (107.3)	350.3 (102.7)	334.3 (98)	318.4 (93.3)	302.4 (88.6)	286.7 (84)	
	15	(-9.4)	341.5 (100.1)	326.8 (95.8)	312.1 (91.5)	297.4 (87.1)	282.9 (82.9)	268.4 (78.7)	254.1 (74.5)	
	10	(-12.2)	303.2 (88.9)	290.0 (85)	276.6 (81.1)	263.3 (77.2)	250.1 (73.3)	237.1 (69.5)	223.9 (65.6)	
	5	(-15)	268.0 (78.5)	256.0 (75)	243.8 (71.5)	231.8 (67.9)	219.9 (64.4)	207.9 (60.9)	196.1 (57.5)	
	0	(-17.8)	235.4 (69)	224.5 (65.8)	213.6 (62.6)	202.7 (59.4)	191.7 (56.2)	181.0 (53.1)	170.3 (49.9)	
KVD061M8-B  Compressor Model 4GE-30	30	(-1.1)	555.9 (162.9)	534.2 (156.6)	512.6 (150.2)	491.0 (143.9)	469.6 (137.6)	448.4 (131.4)	426.9 (125.1)	
	25	(-3.9)	501.1 (146.8)	481.3 (141.1)	461.6 (135.3)	441.8 (129.5)	422.1 (123.7)	402.6 (118)	383.0 (112.3)	
	20	(-6.7)	450.2 (132)	432.0 (126.6)	413.9 (121.3)	396.1 (116.1)	378.0 (110.8)	360.2 (105.5)	342.3 (100.3)	
	15	(-9.4)	402.8 (118)	386.4 (113.2)	369.8 (108.4)	353.4 (103.6)	337.3 (98.8)	320.9 (94)	304.7 (89.3)	
	10	(-12.2)	358.7 (105.1)	343.8 (100.7)	328.9 (96.4)	314.2 (92.1)	299.3 (87.7)	284.6 (83.4)	269.9 (79.1)	
	5	(-15)	317.9 (93.2)	304.5 (89.2)	291.1 (85.3)	277.6 (81.4)	264.2 (77.4)	251.0 (73.5)	237.7 (69.7)	
	0	(-17.8)	280.4 (82.2)	268.2 (78.6)	256.0 (75)	243.8 (71.5)	231.8 (67.9)	219.9 (64.4)	207.9 (60.9)	
KVD071M8-B  Compressor Model 6HE-35	30	(-1.1)	723.9 (212.1)	695.5 (203.8)	667.2 (195.5)	638.8 (187.2)	610.7 (179)	582.5 (170.7)	554.6 (162.5)	
	25	(-3.9)	652.5 (191.2)	626.4 (183.6)	600.4 (176)	574.6 (168.4)	548.7 (160.8)	522.9 (153.2)	497.3 (145.7)	
	20	(-6.7)	585.9 (171.7)	562.2 (164.8)	538.4 (157.8)	514.7 (150.8)	491.0 (143.9)	467.5 (137)	444.2 (130.2)	
	15	(-9.4)	524.0 (153.6)	502.3 (147.2)	480.7 (140.9)	459.1 (134.5)	437.6 (128.3)	416.2 (122)	395.0 (115.8)	
	10	(-12.2)	466.4 (136.7)	446.9 (131)	427.1 (125.2)	407.6 (119.5)	388.1 (113.7)	368.8 (108.1)	349.4 (102.4)	
	5	(-15)	413.3 (121.1)	395.4 (115.9)	377.6 (110.7)	359.9 (105.5)	342.3 (100.3)	324.9 (95.2)	307.4 (90.1)	
	0	(-17.8)	363.9 (106.7)	347.8 (101.9)	331.8 (97.2)	315.8 (92.6)	300.1 (87.9)	284.1 (83.3)	268.6 (78.7)	
KVD081M8-B  Compressor Model 6GE-40	30	(-1.1)	833.1 (244.1)	800.5 (234.6)	768.2 (225.1)	736.1 (215.7)	703.7 (206.2)	671.8 (196.9)	639.9 (187.5)	
	25	(-3.9)	751.2 (220.1)	721.4 (211.4)	691.7 (202.7)	662.1 (194.1)	632.7 (185.4)	603.3 (176.8)	574.1 (168.3)	
	20	(-6.7)	674.7 (197.7)	647.6 (189.8)	620.6 (181.9)	593.5 (173.9)	566.6 (166)	539.9 (158.2)	513.0 (150.4)	
	15	(-9.4)	603.8 (176.9)	579.0 (169.7)	554.4 (162.5)	529.8 (155.3)	505.3 (148.1)	480.9 (140.9)	456.8 (133.9)	
	10	(-12.2)	537.8 (157.6)	515.3 (151)	493.1 (144.5)	470.8 (138)	448.6 (131.5)	426.5 (125)	404.5 (118.5)	
	5	(-15)	476.7 (139.7)	456.3 (133.7)	436.2 (127.8)	416.0 (121.9)	396.1 (116.1)	376.1 (110.2)	356.2 (104.4)	
	0	(-17.8)	420.2 (123.2)	401.9 (117.8)	383.7 (112.4)	365.4 (107.1)	347.3 (101.8)	329.5 (96.6)	311.6 (91.3)	
KVD101M8-B  Compressor Model 6FE-50	30	(-1.1)	969.2 (284)	930.9 (272.8)	892.9 (261.7)	854.9 (250.5)	817.1 (239.5)	779.3 (228.4)	-	
	25	(-3.9)	875.1 (256.5)	840.0 (246.2)	805.1 (236)	770.3 (225.7)	735.4 (215.5)	701.0 (205.4)	666.5 (195.3)	
	20	(-6.7)	787.1 (230.7)	755.0 (221.3)	723.0 (211.9)	691.3 (202.6)	659.6 (193.3)	627.9 (184)	596.6 (174.8)	
	15	(-9.4)	705.0 (206.6)	676.0 (198.1)	646.8 (189.6)	617.8 (181.1)	589.1 (172.6)	560.3 (164.2)	531.5 (155.8)	
	10	(-12.2)	628.7 (184.3)	602.3 (176.5)	575.8 (168.8)	549.6 (161.1)	523.3 (153.4)	497.3 (145.7)	471.5 (138.2)	
	5	(-15)	558.0 (163.5)	534.0 (156.5)	510.1 (149.5)	486.4 (142.5)	462.6 (135.6)	439.1 (128.7)	415.6 (121.8)	
	0	(-17.8)	492.2 (144.3)	470.6 (137.9)	449.2 (131.6)	427.6 (125.3)	406.4 (119.1)	385.1 (112.9)	363.9 (106.7)	

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) <b>R407A</b> 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)	
KVD025L8-B Compressor Model 4NES-14	0	(-17.8)	170.9 (50.1)	163.0 (47.8)	155.0 (45.4)	147.2 (43.1)	139.4 (40.9)	131.7 (38.6)	124.1 (36.4)	
	-5	(-20.6)	150.2 (44)	143.0 (41.9)	135.9 (39.8)	128.7 (37.7)	121.8 (35.7)	114.9 (33.7)	107.9 (31.6)	
	-10	(-23.3)	131.0 (38.4)	124.5 (36.5)	118.2 (34.6)	111.7 (32.7)	105.4 (30.9)	99.3 (29.1)	93.0 (27.3)	
	-15	(-26.1)	113.4 (33.2)	107.5 (31.5)	101.9 (29.8)	96.2 (28.2)	90.5 (26.5)	84.8 (24.9)	79.4 (23.3)	
	-20	(-28.9)	97.0 (28.4)	91.8 (26.9)	86.7 (25.4)	81.7 (23.9)	76.7 (22.5)	71.6 (21)	66.8 (19.6)	
	-25	(-31.7)	82.1 (24.1)	77.3 (22.6)	72.9 (21.4)	68.3 (20)	63.6 (18.6)	59.2 (17.4)	55.0 (16.1)	
	-30	(-34.4)	68.3 (20)	64.1 (18.8)	59.9 (17.5)	55.9 (16.4)	51.9 (15.2)	47.9 (14)	44.1 (12.9)	
	-35	(-37.2)	55.4 (16.2)	51.7 (15.1)	47.9 (14)	44.3 (13)	40.7 (11.9)	37.2 (10.9)	33.8 (9.9)	
-40	(-40)	43.5 (12.7)	40.1 (11.8)	37.0 (10.8)	33.6 (9.8)	30.5 (8.9)	27.3 (8)	24.2 (7.1)		
KVD031L8-B Compressor Model 4HE-18	0	(-17.8)	236.7 (69.4)	226.2 (66.3)	215.9 (63.3)	205.6 (60.3)	195.3 (57.2)	185.2 (54.3)	175.4 (51.4)	
	-5	(-20.6)	207.9 (60.9)	198.5 (58.2)	189.0 (55.4)	179.8 (52.7)	170.5 (50)	161.5 (47.3)	152.7 (44.7)	
	-10	(-23.3)	181.2 (53.1)	172.8 (50.7)	164.2 (48.1)	156.0 (45.7)	147.6 (43.3)	139.7 (40.9)	131.7 (38.6)	
	-15	(-26.1)	156.5 (45.9)	148.9 (43.6)	141.3 (41.4)	134.0 (39.3)	126.6 (37.1)	119.3 (35)	112.1 (32.9)	
	-20	(-28.9)	133.6 (39.1)	126.8 (37.2)	120.1 (35.2)	113.4 (33.2)	106.9 (31.3)	100.4 (29.4)	94.3 (27.6)	
	-25	(-31.7)	112.4 (32.9)	106.3 (31.1)	100.4 (29.4)	94.5 (27.7)	88.6 (26)	83.0 (24.3)	77.5 (22.7)	
	-30	(-34.4)	92.4 (27.1)	87.2 (25.5)	81.9 (24)	76.7 (22.5)	71.6 (21)	66.6 (19.5)	61.7 (18.1)	
	-35	(-37.2)	73.9 (21.7)	69.3 (20.3)	64.7 (19)	60.1 (17.6)	55.4 (16.2)	51.0 (15)	46.8 (13.7)	
-40	(-40)	56.5 (16.6)	52.5 (15.4)	48.3 (14.2)	44.3 (13)	40.3 (11.8)	36.5 (10.7)	32.8 (9.6)		
KVD041L8-B Compressor Model 4GE-23	0	(-17.8)	274.5 (80.4)	262.9 (77.1)	251.4 (73.7)	240.0 (70.3)	228.9 (67.1)	217.8 (63.8)	206.9 (60.6)	
	-5	(-20.6)	242.3 (71)	231.8 (67.9)	221.6 (64.9)	211.3 (61.9)	201.2 (59)	191.3 (56.1)	181.4 (53.2)	
	-10	(-23.3)	212.3 (62.2)	203.1 (59.5)	193.8 (56.8)	184.6 (54.1)	175.6 (51.5)	166.7 (48.9)	157.9 (46.3)	
	-15	(-26.1)	184.6 (54.1)	176.2 (51.6)	168.0 (49.2)	159.8 (46.8)	151.8 (44.5)	143.9 (42.2)	136.1 (39.9)	
	-20	(-28.9)	158.8 (46.5)	151.2 (44.3)	144.1 (42.2)	136.7 (40.1)	129.6 (38)	122.6 (35.9)	115.7 (33.9)	
	-25	(-31.7)	134.6 (39.5)	128.1 (37.5)	121.6 (35.6)	115.3 (33.8)	109.0 (31.9)	102.7 (30.1)	96.8 (28.4)	
	-30	(-34.4)	112.1 (32.9)	106.3 (31.1)	100.6 (29.5)	94.9 (27.8)	89.5 (26.2)	84.0 (24.6)	78.8 (23.1)	
	-35	(-37.2)	90.9 (26.6)	85.9 (25.2)	80.9 (23.7)	76.0 (22.3)	71.2 (20.9)	66.4 (19.4)	62.0 (18.2)	
-40	(-40)	71.2 (20.9)	66.6 (19.5)	62.4 (18.3)	58.0 (17)	53.8 (15.8)	49.6 (14.5)	45.6 (13.4)		
KVD051L8-B Compressor Model 6HE-28	0	(-17.8)	343.1 (100.6)	327.8 (96.1)	312.5 (91.6)	297.4 (87.1)	282.5 (82.8)	267.8 (78.5)	253.3 (74.2)	
	-5	(-20.6)	302.2 (88.6)	288.1 (84.4)	274.5 (80.4)	260.8 (76.4)	247.4 (72.5)	234.2 (68.6)	221.1 (64.8)	
	-10	(-23.3)	264.0 (77.4)	251.4 (73.7)	239.0 (70)	226.8 (66.5)	214.6 (62.9)	202.9 (59.5)	191.1 (56)	
	-15	(-26.1)	228.3 (66.9)	217.1 (63.6)	206.0 (60.4)	195.1 (57.2)	184.2 (54)	173.7 (50.9)	163.2 (47.8)	
	-20	(-28.9)	195.3 (57.2)	185.2 (54.3)	175.4 (51.4)	165.5 (48.5)	156.0 (45.7)	146.6 (43)	137.3 (40.3)	
	-25	(-31.7)	164.4 (48.2)	155.4 (45.5)	146.8 (43)	138.0 (40.4)	129.6 (38)	121.2 (35.5)	113.0 (33.1)	
	-30	(-34.4)	135.7 (39.8)	127.7 (37.4)	119.9 (35.1)	112.4 (32.9)	104.8 (30.7)	97.4 (28.6)	90.3 (26.5)	
	-35	(-37.2)	108.6 (31.8)	101.6 (29.8)	94.7 (27.8)	88.0 (25.8)	81.3 (23.8)	75.0 (22)	68.7 (20.1)	
-40	(-40)	83.2 (24.4)	76.9 (22.5)	71.0 (20.8)	64.9 (19)	59.0 (17.3)	53.3 (15.6)	47.9 (14)		
KVD061L8-B Compressor Model 6GE-34	0	(-17.8)	386.6 (113.3)	369.2 (108.2)	352.2 (103.2)	335.2 (98.2)	318.4 (93.3)	301.8 (88.4)	-	
	-5	(-20.6)	341.0 (99.9)	325.5 (95.4)	310.0 (90.8)	294.6 (86.3)	279.5 (81.9)	264.6 (77.5)	249.9 (73.2)	
	-10	(-23.3)	298.6 (87.5)	284.6 (83.4)	270.5 (79.3)	256.6 (75.2)	243.2 (71.3)	229.7 (67.3)	216.7 (63.5)	
	-15	(-26.1)	258.9 (75.9)	246.3 (72.2)	233.7 (68.5)	221.3 (64.9)	209.2 (61.3)	197.4 (57.9)	185.6 (54.4)	
	-20	(-28.9)	221.8 (65)	210.6 (61.7)	199.5 (58.5)	188.4 (55.2)	177.7 (52.1)	167.0 (48.9)	156.7 (45.9)	
	-25	(-31.7)	187.1 (54.8)	177.2 (51.9)	167.4 (49.1)	157.5 (46.2)	148.1 (43.4)	138.6 (40.6)	129.6 (38)	
	-30	(-34.4)	154.8 (45.4)	146.0 (42.8)	137.1 (40.2)	128.5 (37.7)	120.1 (35.2)	111.9 (32.8)	103.7 (30.4)	
	-35	(-37.2)	124.3 (36.4)	116.3 (34.1)	108.8 (31.9)	101.0 (29.6)	93.7 (27.4)	86.5 (25.4)	79.4 (23.3)	
-40	(-40)	95.6 (28)	88.6 (26)	81.7 (23.9)	75.0 (22)	68.5 (20.1)	62.2 (18.2)	56.1 (16.4)		
KVD081L8-B Compressor Model 6FE-44	0	(-17.8)	471.9 (138.3)	451.1 (132.2)	430.7 (126.2)	410.6 (120.3)	390.4 (114.4)	370.7 (108.6)	351.3 (103)	
	-5	(-20.6)	416.4 (122)	397.7 (116.6)	379.3 (111.1)	361.0 (105.8)	342.9 (100.5)	325.1 (95.3)	307.7 (90.2)	
	-10	(-23.3)	364.6 (106.8)	348.0 (102)	331.4 (97.1)	315.0 (92.3)	298.6 (87.5)	282.9 (82.9)	267.1 (78.3)	
	-15	(-26.1)	316.5 (92.7)	301.6 (88.4)	286.7 (84)	272.0 (79.7)	257.5 (75.5)	243.4 (71.3)	229.5 (67.3)	
	-20	(-28.9)	271.5 (79.6)	258.1 (75.6)	245.1 (71.8)	232.1 (68)	219.0 (64.2)	206.6 (60.6)	194.3 (56.9)	
	-25	(-31.7)	229.5 (67.3)	217.8 (63.8)	206.0 (60.4)	194.5 (57)	183.1 (53.7)	172.0 (50.4)	161.3 (47.3)	
	-30	(-34.4)	190.5 (55.8)	180.0 (52.7)	169.5 (49.7)	159.4 (46.7)	149.5 (43.8)	139.7 (40.9)	130.2 (38.2)	
	-35	(-37.2)	153.5 (45)	144.3 (42.3)	135.2 (39.6)	126.2 (37)	117.4 (34.4)	109.0 (31.9)	100.6 (29.5)	
-40	(-40)	118.9 (34.8)	110.7 (32.4)	102.7 (30.1)	94.7 (27.8)	86.9 (25.5)	79.6 (23.3)	72.2 (21.2)		

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

**w/ 850RPM CONDENSER MOTOR(S) HIGH EFFICIENCY MODELS**

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) <b>R407A</b> 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)																																																																			
KVD025D8-B Compressor Model 4NES-14	0 (-17.8)	167.2 (49)	159.4 (46.7)	151.6 (44.4)	143.8 (42.1)	136.2 (39.9)	128.6 (37.7)	121.0 (35.5)	-5 (-20.6)	147.2 (43.1)	140.2 (41.1)	133.0 (39)	126.2 (37)	119.2 (34.9)	112.4 (32.9)	105.6 (30.9)	-10 (-23.3)	128.6 (37.7)	122.2 (35.8)	115.8 (33.9)	109.6 (32.1)	103.4 (30.3)	97.2 (28.5)	91.2 (26.7)	-15 (-26.1)	111.4 (32.6)	105.6 (30.9)	100.0 (29.3)	94.4 (27.7)	88.8 (26)	83.2 (24.4)	77.8 (22.8)	-20 (-28.9)	95.4 (28)	90.4 (26.5)	85.2 (25)	80.2 (23.5)	75.2 (22)	70.2 (20.6)	65.4 (19.2)	-25 (-31.7)	80.8 (23.7)	76.2 (22.3)	71.6 (21)	67.0 (19.6)	62.6 (18.3)	58.2 (17.1)	54.0 (15.8)	-30 (-34.4)	67.2 (19.7)	63.0 (18.5)	59.0 (17.3)	55.0 (16.1)	51.0 (14.9)	47.2 (13.8)	43.4 (12.7)	-35 (-37.2)	54.6 (16)	51.0 (14.9)	47.2 (13.8)	43.6 (12.8)	40.2 (11.8)	36.6 (10.7)	33.2 (9.7)	-40 (-40)	43.0 (12.6)	39.6 (11.6)	36.4 (10.7)	33.0 (9.7)	30.0 (8.8)	26.8 (7.9)	23.8 (7)				
	KVD031D8-B Compressor Model 4HE-18	0 (-17.8)	233.6 (68.5)	223.2 (65.4)	212.8 (62.4)	202.6 (59.4)	192.6 (56.4)	182.6 (53.5)	172.8 (50.6)	-5 (-20.6)	205.4 (60.2)	196.0 (57.4)	186.6 (54.7)	177.4 (52)	168.4 (49.4)	159.4 (46.7)	150.4 (44.1)	-10 (-23.3)	179.2 (52.5)	170.6 (50)	162.4 (47.6)	154.0 (45.1)	145.8 (42.7)	137.8 (40.4)	130.0 (38.1)	-15 (-26.1)	154.8 (45.4)	147.2 (43.1)	139.8 (41)	132.4 (38.8)	125.0 (36.6)	117.8 (34.5)	110.8 (32.5)	-20 (-28.9)	132.2 (38.7)	125.4 (36.8)	118.8 (34.8)	112.2 (32.9)	105.8 (31)	99.4 (29.1)	93.0 (27.3)	-25 (-31.7)	111.2 (32.6)	105.2 (30.8)	99.2 (29.1)	93.4 (27.4)	87.6 (25.7)	82.0 (24)	76.6 (22.4)	-30 (-34.4)	91.6 (26.8)	86.2 (25.3)	81.0 (23.7)	75.8 (22.2)	70.8 (20.7)	65.8 (19.3)	61.0 (17.9)	-35 (-37.2)	73.2 (21.5)	68.6 (20.1)	64.0 (18.8)	59.4 (17.4)	55.0 (16.1)	50.6 (14.8)	46.4 (13.6)	-40 (-40)	56.0 (16.4)	52.0 (15.2)	47.8 (14)	43.8 (12.8)	39.8 (11.7)	36.0 (10.6)	32.4 (9.5)			
		KVD041D8-B Compressor Model 4GE-23	0 (-17.8)	270.4 (79.2)	259.0 (75.9)	247.6 (72.6)	236.4 (69.3)	225.2 (66)	214.4 (62.8)	203.6 (59.7)	-5 (-20.6)	239.0 (70)	228.6 (67)	218.4 (64)	208.4 (61.1)	198.4 (58.1)	188.4 (55.2)	178.8 (52.4)	-10 (-23.3)	209.6 (61.4)	200.4 (58.7)	191.2 (56)	182.2 (53.4)	173.2 (50.8)	164.4 (48.2)	155.8 (45.7)	-15 (-26.1)	182.4 (53.5)	174.2 (51.1)	166.0 (48.6)	157.8 (46.2)	149.8 (43.9)	142.0 (41.6)	134.4 (39.4)	-20 (-28.9)	157.0 (46)	149.6 (43.8)	142.4 (41.7)	135.2 (39.6)	128.0 (37.5)	121.2 (35.5)	114.4 (33.5)	-25 (-31.7)	133.2 (39)	126.8 (37.2)	120.2 (35.2)	114.0 (33.4)	107.8 (31.6)	101.6 (29.8)	95.6 (28)	-30 (-34.4)	111.0 (32.5)	105.2 (30.8)	99.6 (29.2)	94.0 (27.5)	88.6 (26)	83.2 (24.4)	78.0 (22.9)	-35 (-37.2)	90.2 (26.4)	85.2 (25)	80.2 (23.5)	75.2 (22)	70.4 (20.6)	65.8 (19.3)	61.2 (17.9)	-40 (-40)	70.4 (20.6)	66.0 (19.3)	61.6 (18.1)	57.4 (16.8)	53.2 (15.6)	49.0 (14.4)	45.2 (13.2)		
			KVD051D8-B Compressor Model 6HE-28	0 (-17.8)	336.0 (98.5)	320.8 (94)	305.8 (89.6)	291.0 (85.3)	276.2 (80.9)	261.8 (76.7)	247.6 (72.6)	-5 (-20.6)	296.2 (86.8)	282.6 (82.8)	269.0 (78.8)	255.4 (74.9)	242.2 (71)	229.2 (67.2)	216.4 (63.4)	-10 (-23.3)	259.2 (76)	246.8 (72.3)	234.6 (68.8)	222.4 (65.2)	210.6 (61.7)	198.8 (58.3)	187.2 (54.9)	-15 (-26.1)	224.4 (65.8)	213.4 (62.5)	202.4 (59.3)	191.6 (56.2)	181.0 (53)	170.4 (49.9)	160.2 (46.9)	-20 (-28.9)	192.2 (56.3)	182.2 (53.4)	172.4 (50.5)	162.8 (47.7)	153.4 (45)	144.0 (42.2)	135.0 (39.6)	-25 (-31.7)	162.0 (47.5)	153.2 (44.9)	144.4 (42.3)	135.8 (39.8)	127.4 (37.3)	119.2 (34.9)	111.2 (32.6)	-30 (-34.4)	133.6 (39.2)	125.8 (36.9)	118.2 (34.6)	110.6 (32.4)	103.2 (30.2)	95.8 (28.1)	88.8 (26)	-35 (-37.2)	107.0 (31.4)	100.2 (29.4)	93.4 (27.4)	86.6 (25.4)	80.2 (23.5)	73.8 (21.6)	67.6 (19.8)	-40 (-40)	82.0 (24)	75.8 (22.2)	69.8 (20.5)	64.0 (18.8)	58.2 (17.1)	52.6 (15.4)	47.2 (13.8)	
				KVD061D8-B Compressor Model 6GE-34	0 (-17.8)	377.4 (110.6)	360.4 (105.6)	343.6 (100.7)	327.0 (95.8)	310.4 (91)	294.2 (86.2)	278.4 (81.6)	-5 (-20.6)	333.6 (97.8)	318.2 (93.3)	303.0 (88.8)	287.8 (84.3)	273.0 (80)	258.4 (75.7)	244.0 (71.5)	-10 (-23.3)	292.6 (85.8)	278.6 (81.6)	264.8 (77.6)	251.2 (73.6)	238.0 (69.8)	224.8 (65.9)	211.8 (62.1)	-15 (-26.1)	254.0 (74.4)	241.6 (70.8)	229.2 (67.2)	217.0 (63.6)	205.0 (60.1)	193.4 (56.7)	181.8 (53.3)	-20 (-28.9)	218.0 (63.9)	206.8 (60.6)	195.8 (57.4)	185.0 (54.2)	174.2 (51.1)	163.8 (48)	153.6 (45)	-25 (-31.7)	184.2 (54)	174.2 (51.1)	164.4 (48.2)	154.8 (45.4)	145.4 (42.6)	136.2 (39.9)	127.2 (37.3)	-30 (-34.4)	152.4 (44.7)	143.6 (42.1)	134.8 (39.5)	126.4 (37)	118.0 (34.6)	110.0 (32.2)	102.0 (29.9)	-35 (-37.2)	122.4 (35.9)	114.6 (33.6)	107.0 (31.4)	99.4 (29.1)	92.2 (27)	85.0 (24.9)	78.0 (22.9)	-40 (-40)	94.0 (27.5)	87.2 (25.6)	80.4 (23.6)	73.8 (21.6)	67.4 (19.8)	61.0 (17.9)	55.0 (16.1)

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) <b>R448A R449A</b> 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)		
<b>KVD031H8-B</b> Compressor 4PES-15	45 (7.2)	436.6 (128)	419.6 (123)	402.4 (117.9)	385.4 (112.9)	368.3 (107.9)	351.5 (103)	---	---	
	40 (4.4)	396.3 (116.1)	380.3 (111.5)	364.6 (106.8)	348.8 (102.2)	333.1 (97.6)	317.5 (93.1)	301.8 (88.4)		
	35 (1.7)	358.5 (105.1)	343.8 (100.7)	329.3 (96.5)	314.6 (92.2)	300.1 (87.9)	285.8 (83.8)	271.3 (79.5)		
<b>KVD041H8-B</b> Compressor 4NES-20	45 (7.2)	515.1 (151)	495.6 (145.2)	476.1 (139.5)	456.5 (133.8)	437.2 (128.1)	---	---	---	---
	40 (4.4)	468.3 (137.2)	450.2 (132)	432.2 (126.7)	414.1 (121.4)	396.3 (116.1)	378.4 (110.9)	360.6 (105.7)		
	35 (1.7)	424.2 (124.3)	407.6 (119.5)	391.0 (114.6)	374.6 (109.8)	358.1 (104.9)	341.7 (100.1)	325.3 (95.3)		
<b>KVD051H8-B</b> Compressor 4HE-25	45 (7.2)	665.5 (195)	640.9 (187.8)	616.4 (180.6)	591.6 (173.4)	566.6 (166)	---	---	---	---
	40 (4.4)	607.3 (178)	584.6 (171.3)	562.0 (164.7)	538.9 (157.9)	516.0 (151.2)	492.7 (144.4)	469.6 (137.6)		
	35 (1.7)	552.7 (162)	531.7 (155.8)	510.7 (149.7)	489.7 (143.5)	468.3 (137.2)	447.1 (131)	425.7 (124.8)		
<b>KVD061H8-B</b> Compressor 4GE-30	45 (7.2)	765.0 (224.2)	736.3 (215.8)	707.5 (207.3)	678.5 (198.9)	649.1 (190.2)	619.7 (181.6)	---	---	---
	40 (4.4)	698.3 (204.6)	672.0 (196.9)	645.3 (189.1)	618.5 (181.2)	591.6 (173.4)	564.5 (165.4)	537.2 (157.4)		
	35 (1.7)	635.7 (186.3)	611.3 (179.2)	587.0 (172)	562.4 (164.8)	537.6 (157.6)	512.6 (150.2)	487.4 (142.8)		
<b>KVD071H8-B</b> Compressor 6HE-35	45 (7.2)	981.8 (287.7)	945.8 (277.2)	909.9 (266.7)	874.0 (256.1)	837.9 (245.6)	801.6 (234.9)	---	---	---
	40 (4.4)	895.7 (262.5)	862.7 (252.8)	829.5 (243.1)	796.1 (233.3)	762.7 (223.5)	729.1 (213.7)	695.5 (203.8)		
	35 (1.7)	814.8 (238.8)	784.4 (229.9)	753.7 (220.9)	723.0 (211.9)	692.4 (202.9)	661.3 (193.8)	630.2 (184.7)		
<b>KVD081H8-B</b> Compressor 6GE-40	45 (7.2)	1112.8 (326.1)	1070.8 (313.8)	1028.8 (301.5)	986.6 (289.1)	944.4 (276.8)	901.7 (264.3)	---	---	---
	40 (4.4)	1016.6 (297.9)	978.0 (286.6)	939.3 (275.3)	900.5 (263.9)	861.4 (252.5)	822.4 (241)	782.9 (229.4)		
	35 (1.7)	925.9 (271.4)	890.6 (261)	855.1 (250.6)	819.4 (240.1)	783.7 (229.7)	747.8 (219.2)	711.5 (208.5)		
<b>KVD101H8-B</b> Compressor 6FE-50	45 (7.2)	1309.8 (383.9)	1259.4 (369.1)	1208.6 (354.2)	1157.5 (339.2)	1106.3 (324.2)	1054.8 (309.1)	---	---	---
	40 (4.4)	1200.4 (351.8)	1154.0 (338.2)	1107.1 (324.5)	1060.1 (310.7)	1012.8 (296.8)	965.4 (282.9)	917.7 (269)		
	35 (1.7)	1096.6 (321.4)	1054.0 (308.9)	1011.2 (296.3)	968.1 (283.7)	924.6 (271)	881.2 (258.2)	837.3 (245.4)		

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) <b>R448A R449A</b> 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-B Compressor Model 4PES-15	30	(-1.1)	323.2 (94.7)	309.5 (90.7)	296.3 (86.8)	282.9 (82.9)	269.6 (79)	256.4 (75.1)	243.2 (71.3)	
	25	(-3.9)	290.2 (85.1)	277.8 (81.4)	265.7 (77.9)	253.3 (74.2)	241.1 (70.7)	229.1 (67.1)	216.9 (63.6)	
	20	(-6.7)	259.6 (76.1)	248.4 (72.8)	237.1 (69.5)	226.0 (66.2)	215.0 (63)	203.9 (59.8)	193.0 (56.6)	
	15	(-9.4)	231.2 (67.8)	221.1 (64.8)	210.8 (61.8)	200.8 (58.8)	190.7 (55.9)	180.8 (53)	170.7 (50)	
	10	(-12.2)	205.2 (60.1)	195.9 (57.4)	186.7 (54.7)	177.7 (52.1)	168.4 (49.4)	159.4 (46.7)	150.4 (44.1)	
	5	(-15)	181.2 (53.1)	172.8 (50.7)	164.6 (48.3)	156.2 (45.8)	148.1 (43.4)	139.9 (41)	131.9 (38.7)	
	0	(-17.8)	159.2 (46.7)	151.6 (44.4)	144.3 (42.3)	136.9 (40.1)	129.4 (37.9)	122.2 (35.8)	114.9 (33.7)	
KVD041M8-B Compressor Model 4NES-20	30	(-1.1)	383.3 (112.3)	367.9 (107.8)	352.8 (103.4)	337.7 (99)	322.6 (94.5)	307.4 (90.1)	292.3 (85.7)	
	25	(-3.9)	345.0 (101.1)	331.0 (97)	317.1 (92.9)	303.2 (88.9)	289.4 (84.8)	275.7 (80.8)	262.1 (76.8)	
	20	(-6.7)	309.3 (90.7)	296.7 (87)	284.1 (83.3)	271.5 (79.6)	258.9 (75.9)	246.3 (72.2)	233.9 (68.6)	
	15	(-9.4)	276.4 (81)	265.0 (77.7)	253.5 (74.3)	242.1 (71)	230.8 (67.6)	219.5 (64.3)	208.1 (61)	
	10	(-12.2)	246.1 (72.1)	235.6 (69.1)	225.3 (66)	215.0 (63)	204.8 (60)	194.7 (57.1)	184.4 (54)	
	5	(-15)	218.2 (63.9)	208.7 (61.2)	199.5 (58.5)	190.3 (55.8)	181.0 (53.1)	171.8 (50.3)	162.8 (47.7)	
	0	(-17.8)	192.4 (56.4)	184.0 (53.9)	175.8 (51.5)	167.4 (49.1)	159.2 (46.7)	151.0 (44.3)	142.8 (41.9)	
KVD051M8-B Compressor Model 4HE-25	30	(-1.1)	501.3 (146.9)	482.2 (141.3)	462.8 (135.6)	443.5 (130)	424.0 (124.3)	404.5 (118.5)	384.7 (112.7)	
	25	(-3.9)	453.2 (132.8)	435.8 (127.7)	418.1 (122.5)	400.3 (117.3)	382.6 (112.1)	364.6 (106.8)	346.5 (101.5)	
	20	(-6.7)	408.2 (119.6)	392.3 (115)	376.3 (110.3)	360.2 (105.5)	344.0 (100.8)	327.6 (96)	311.2 (91.2)	
	15	(-9.4)	366.5 (107.4)	352.2 (103.2)	337.5 (98.9)	323.0 (94.7)	308.1 (90.3)	293.4 (86)	278.5 (81.6)	
	10	(-12.2)	327.8 (96.1)	314.8 (92.3)	301.6 (88.4)	288.3 (84.5)	274.9 (80.6)	261.5 (76.6)	248.0 (72.7)	
	5	(-15)	291.9 (85.5)	280.1 (82.1)	268.2 (78.6)	256.2 (75.1)	244.2 (71.6)	232.1 (68)	219.9 (64.4)	
	0	(-17.8)	258.7 (75.8)	248.2 (72.7)	237.5 (69.6)	226.8 (66.5)	215.9 (63.3)	205.0 (60.1)	194.0 (56.9)	
KVD061M8-B Compressor Model 4GE-30	30	(-1.1)	576.9 (169.1)	554.6 (162.5)	532.1 (156)	509.7 (149.4)	487.0 (142.7)	464.1 (136)	441.2 (129.3)	
	25	(-3.9)	521.6 (152.9)	501.5 (147)	481.1 (141)	460.5 (135)	440.0 (128.9)	419.0 (122.8)	398.0 (116.6)	
	20	(-6.7)	470.4 (137.9)	451.9 (132.4)	433.4 (127)	414.8 (121.6)	396.1 (116.1)	377.0 (110.5)	358.1 (104.9)	
	15	(-9.4)	422.5 (123.8)	405.9 (119)	389.1 (114)	372.3 (109.1)	355.3 (104.1)	338.1 (99.1)	320.9 (94)	
	10	(-12.2)	378.0 (110.8)	363.1 (106.4)	348.0 (102)	332.9 (97.5)	317.5 (93.1)	302.0 (88.5)	286.4 (83.9)	
	5	(-15)	336.8 (98.7)	323.4 (94.8)	310.0 (90.8)	296.3 (86.8)	282.5 (82.8)	268.6 (78.7)	254.5 (74.6)	
	0	(-17.8)	298.8 (87.6)	286.9 (84.1)	274.7 (80.5)	262.5 (76.9)	250.1 (73.3)	237.7 (69.7)	225.1 (66)	
KVD071M8-B Compressor Model 6HE-35	30	(-1.1)	738.8 (216.5)	710.9 (208.3)	682.9 (200.1)	654.8 (191.9)	626.4 (183.6)	598.1 (175.3)	569.5 (166.9)	
	25	(-3.9)	667.8 (195.7)	642.4 (188.3)	616.8 (180.8)	590.9 (173.2)	565.1 (165.6)	539.1 (158)	513.0 (150.4)	
	20	(-6.7)	601.7 (176.3)	578.3 (169.5)	555.0 (162.7)	531.7 (155.8)	508.0 (148.9)	484.3 (141.9)	460.3 (134.9)	
	15	(-9.4)	540.1 (158.3)	519.1 (152.1)	497.9 (145.9)	476.5 (139.6)	455.1 (133.4)	433.4 (127)	411.8 (120.7)	
	10	(-12.2)	483.0 (141.6)	463.9 (136)	444.8 (130.4)	425.5 (124.7)	405.9 (119)	386.4 (113.2)	366.7 (107.5)	
	5	(-15)	430.1 (126)	412.9 (121)	395.6 (116)	378.2 (110.8)	360.6 (105.7)	342.9 (100.5)	325.1 (95.3)	
	0	(-17.8)	381.4 (111.8)	365.8 (107.2)	350.3 (102.7)	334.5 (98)	318.6 (93.4)	302.6 (88.7)	286.4 (83.9)	
KVD081M8-B Compressor Model 6GE-40	30	(-1.1)	840.8 (246.4)	808.5 (236.9)	776.2 (227.5)	743.6 (217.9)	710.9 (208.3)	677.9 (198.7)	644.7 (188.9)	
	25	(-3.9)	761.3 (223.1)	731.9 (214.5)	702.2 (205.8)	672.6 (197.1)	642.8 (188.4)	612.8 (179.6)	582.5 (170.7)	
	20	(-6.7)	686.7 (201.3)	660.0 (193.4)	633.4 (185.6)	606.5 (177.7)	579.4 (169.8)	552.1 (161.8)	524.6 (153.7)	
	15	(-9.4)	617.4 (180.9)	593.3 (173.9)	569.1 (166.8)	545.0 (159.7)	520.4 (152.5)	495.6 (145.2)	470.6 (137.9)	
	10	(-12.2)	552.9 (162)	531.3 (155.7)	509.5 (149.3)	487.6 (142.9)	465.6 (136.4)	443.1 (129.9)	420.6 (123.3)	
	5	(-15)	493.1 (144.5)	473.8 (138.8)	454.2 (133.1)	434.5 (127.3)	414.8 (121.6)	394.6 (115.6)	374.2 (109.7)	
	0	(-17.8)	437.9 (128.3)	420.6 (123.3)	403.0 (118.1)	385.4 (112.9)	367.5 (107.7)	349.4 (102.4)	331.2 (97.1)	
KVD101M8-B Compressor Model 6FE-50	30	(-1.1)	998.6 (292.6)	959.7 (281.3)	920.6 (269.8)	881.2 (258.2)	841.7 (246.7)	801.8 (235)	-	
	25	(-3.9)	906.4 (265.6)	871.1 (255.3)	835.4 (244.8)	799.7 (234.4)	763.6 (223.8)	727.2 (213.1)	690.7 (202.4)	
	20	(-6.7)	819.8 (240.3)	787.7 (230.9)	755.6 (221.4)	723.2 (212)	690.5 (202.4)	657.5 (192.7)	624.1 (182.9)	
	15	(-9.4)	738.8 (216.5)	710.0 (208.1)	680.8 (199.5)	651.6 (191)	622.0 (182.3)	592.2 (173.6)	562.0 (164.7)	
	10	(-12.2)	663.2 (194.4)	637.1 (186.7)	611.1 (179.1)	584.6 (171.3)	558.2 (163.6)	531.1 (155.6)	504.0 (147.7)	
	5	(-15)	592.6 (173.7)	569.5 (166.9)	546.0 (160)	522.5 (153.1)	498.5 (146.1)	474.4 (139)	449.8 (131.8)	
	0	(-17.8)	527.3 (154.5)	506.5 (148.4)	485.7 (142.4)	464.5 (136.1)	442.9 (129.8)	421.3 (123.5)	399.2 (117)	

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) <b>R448A R449A</b> 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)	
	<b>KVD025L8-B</b>	0 (-17.8)	177.5 (52)	169.3 (49.6)	161.1 (47.2)	152.7 (44.7)	144.5 (42.3)	136.1 (39.9)	127.7 (37.4)	
	-5 (-20.6)	156.5 (45.9)	149.1 (43.7)	141.5 (41.5)	134.2 (39.3)	126.6 (37.1)	119.1 (34.9)	111.7 (32.7)		
	-10 (-23.3)	137.1 (40.2)	130.4 (38.2)	123.7 (36.2)	117.0 (34.3)	110.3 (32.3)	103.5 (30.3)	96.8 (28.4)		
	-15 (-26.1)	119.3 (35)	113.4 (33.2)	107.3 (31.4)	101.4 (29.7)	95.3 (27.9)	89.3 (26.2)	83.4 (24.4)		
Compressor Model 4NES-14	-20 (-28.9)	102.9 (30.2)	97.7 (28.6)	92.4 (27.1)	86.9 (25.5)	81.7 (23.9)	76.2 (22.3)	71.0 (20.8)		
	-25 (-31.7)	88.2 (25.8)	83.4 (24.4)	78.5 (23)	73.7 (21.6)	69.1 (20.2)	64.3 (18.8)	59.4 (17.4)		
	-30 (-34.4)	74.6 (21.8)	70.4 (20.6)	65.9 (19.3)	61.7 (18.1)	57.3 (16.8)	53.1 (15.6)	48.9 (14.3)		
	-35 (-37.2)	62.2 (18.2)	58.4 (17.1)	54.4 (15.9)	50.6 (14.8)	46.8 (13.7)	43.1 (12.6)	39.3 (11.5)		
	-40 (-40)	51.0 (15)	47.5 (13.9)	43.9 (12.9)	40.5 (11.9)	37.0 (10.8)	33.6 (9.8)	30.2 (8.9)		
<b>KVD031L8-B</b>	0 (-17.8)	253.5 (74.3)	243.0 (71.2)	232.5 (68.1)	222.0 (65.1)	211.5 (62)	201.0 (58.9)	190.5 (55.8)		
	-5 (-20.6)	224.5 (65.8)	215.0 (63)	205.6 (60.3)	196.1 (57.5)	186.7 (54.7)	177.0 (51.9)	167.6 (49.1)		
	-10 (-23.3)	197.6 (57.9)	189.2 (55.5)	180.6 (52.9)	172.2 (50.5)	163.6 (47.9)	155.0 (45.4)	146.6 (43)		
	-15 (-26.1)	172.8 (50.7)	165.3 (48.4)	157.7 (46.2)	149.9 (43.9)	142.4 (41.7)	134.8 (39.5)	127.3 (37.3)		
Compressor Model 4HE-18	-20 (-28.9)	149.9 (43.9)	143.2 (42)	136.3 (39.9)	129.6 (38)	122.9 (36)	115.9 (34)	109.2 (32.1)		
	-25 (-31.7)	128.9 (37.8)	122.9 (36)	116.8 (34.2)	110.7 (32.4)	104.8 (30.7)	98.7 (28.9)	92.6 (27.1)		
	-30 (-34.4)	109.8 (32.2)	104.4 (30.6)	98.9 (29)	93.5 (27.4)	88.0 (25.8)	82.5 (24.2)	77.3 (22.6)		
	-35 (-37.2)	92.0 (27)	87.2 (25.5)	82.1 (24.1)	77.3 (22.6)	72.5 (21.2)	67.6 (19.8)	62.8 (18.4)		
	-40 (-40)	75.6 (22.2)	71.2 (20.9)	66.8 (19.6)	62.4 (18.3)	58.0 (17)	53.8 (15.8)	49.6 (14.5)		
<b>KVD041L8-B</b>	0 (-17.8)	290.4 (85.1)	278.7 (81.7)	266.9 (78.2)	254.9 (74.7)	243.2 (71.3)	231.2 (67.8)	219.5 (64.3)		
	-5 (-20.6)	258.1 (75.6)	247.6 (72.6)	236.9 (69.4)	226.4 (66.3)	215.7 (63.2)	205.2 (60.1)	194.5 (57)		
	-10 (-23.3)	228.1 (66.8)	218.6 (64.1)	209.2 (61.3)	199.7 (58.5)	190.3 (55.8)	180.8 (53)	171.4 (50.2)		
	-15 (-26.1)	200.3 (58.7)	191.9 (56.3)	183.5 (53.8)	175.1 (51.3)	166.7 (48.9)	158.3 (46.4)	149.9 (43.9)		
Compressor Model 4GE-23	-20 (-28.9)	174.7 (51.2)	167.2 (49)	159.8 (46.8)	152.5 (44.7)	144.9 (42.5)	137.6 (40.3)	130.2 (38.2)		
	-25 (-31.7)	151.0 (44.3)	144.5 (42.3)	137.8 (40.4)	131.3 (38.5)	124.7 (36.6)	118.2 (34.6)	111.7 (32.7)		
	-30 (-34.4)	129.2 (37.8)	123.3 (36.1)	117.6 (34.5)	111.7 (32.7)	106.1 (31.1)	100.2 (29.4)	94.5 (27.7)		
	-35 (-37.2)	109.0 (31.9)	104.0 (30.5)	98.7 (28.9)	93.7 (27.4)	88.4 (25.9)	83.4 (24.4)	78.5 (23)		
	-40 (-40)	90.5 (26.5)	85.9 (25.2)	81.3 (23.8)	76.7 (22.5)	72.2 (21.2)	67.8 (19.9)	63.4 (18.6)		
<b>KVD051L8-B</b>	0 (-17.8)	361.4 (105.9)	346.3 (101.5)	331.2 (97.1)	315.8 (92.6)	300.7 (88.1)	285.4 (83.6)	270.1 (79.1)		
	-5 (-20.6)	320.7 (94)	307.0 (90)	293.4 (86)	279.7 (82)	265.9 (77.9)	252.0 (73.9)	238.1 (69.8)		
	-10 (-23.3)	283.1 (83)	270.7 (79.3)	258.3 (75.7)	245.9 (72.1)	233.5 (68.4)	221.1 (64.8)	208.5 (61.1)		
	-15 (-26.1)	248.2 (72.7)	237.1 (69.5)	226.0 (66.2)	214.8 (63)	203.7 (59.7)	192.4 (56.4)	181.0 (53.1)		
Compressor Model 6HE-28	-20 (-28.9)	215.9 (63.3)	206.0 (60.4)	195.9 (57.4)	185.9 (54.5)	175.8 (51.5)	165.7 (48.6)	155.6 (45.6)		
	-25 (-31.7)	186.3 (54.6)	177.2 (51.9)	168.2 (49.3)	159.2 (46.7)	150.2 (44)	141.1 (41.4)	131.9 (38.7)		
	-30 (-34.4)	158.8 (46.5)	150.8 (44.2)	142.6 (41.8)	134.6 (39.5)	126.4 (37)	118.0 (34.6)	109.8 (32.2)		
	-35 (-37.2)	133.6 (39.1)	126.2 (37)	118.9 (34.8)	111.5 (32.7)	104.2 (30.5)	96.8 (28.4)	89.3 (26.2)		
	-40 (-40)	110.3 (32.3)	103.7 (30.4)	97.0 (28.4)	90.3 (26.5)	83.6 (24.5)	76.7 (22.5)	69.9 (20.5)		
<b>KVD061L8-B</b>	0 (-17.8)	419.4 (122.9)	403.0 (118.1)	386.4 (113.2)	369.6 (108.3)	352.8 (103.4)	335.6 (98.3)	-		
	-5 (-20.6)	374.9 (109.9)	360.2 (105.5)	345.2 (101.2)	330.1 (96.7)	315.0 (92.3)	299.5 (87.8)	283.7 (83.1)		
	-10 (-23.3)	333.3 (97.7)	320.0 (93.8)	306.6 (89.9)	293.2 (85.9)	279.5 (81.9)	265.7 (77.9)	251.6 (73.7)		
	-15 (-26.1)	294.4 (86.3)	282.7 (82.8)	270.7 (79.3)	258.7 (75.8)	246.3 (72.2)	233.9 (68.6)	221.3 (64.9)		
Compressor Model 6GE-34	-20 (-28.9)	258.3 (75.7)	247.8 (72.6)	237.1 (69.5)	226.4 (66.3)	215.5 (63.1)	204.3 (59.9)	192.8 (56.5)		
	-25 (-31.7)	224.7 (65.9)	215.5 (63.1)	205.8 (60.3)	196.4 (57.5)	186.5 (54.7)	176.4 (51.7)	166.1 (48.7)		
	-30 (-34.4)	193.8 (56.8)	185.4 (54.3)	176.8 (51.8)	168.2 (49.3)	159.4 (46.7)	150.4 (44.1)	140.9 (41.3)		
	-35 (-37.2)	165.1 (48.4)	157.5 (46.2)	149.7 (43.9)	142.0 (41.6)	133.8 (39.2)	125.6 (36.8)	117.2 (34.3)		
	-40 (-40)	138.4 (40.6)	131.5 (38.5)	124.5 (36.5)	117.2 (34.3)	109.8 (32.2)	102.3 (30)	94.5 (27.7)		
<b>KVD081L8-B</b>	0 (-17.8)	507.4 (148.7)	487.0 (142.7)	466.6 (136.8)	446.0 (130.7)	425.3 (124.6)	404.5 (118.5)	383.5 (112.4)		
	-5 (-20.6)	452.1 (132.5)	433.9 (127.2)	415.6 (121.8)	396.9 (116.3)	378.2 (110.8)	359.5 (105.4)	340.4 (99.8)		
	-10 (-23.3)	400.7 (117.4)	384.3 (112.6)	367.7 (107.8)	351.1 (102.9)	334.3 (98)	317.3 (93)	300.1 (87.9)		
	-15 (-26.1)	352.8 (103.4)	338.1 (99.1)	323.2 (94.7)	308.1 (90.3)	293.0 (85.9)	277.6 (81.4)	262.3 (76.9)		
Compressor Model 6FE-44	-20 (-28.9)	308.3 (90.3)	295.1 (86.5)	281.6 (82.5)	268.2 (78.6)	254.3 (74.5)	240.7 (70.5)	226.6 (66.4)		
	-25 (-31.7)	266.9 (78.2)	254.9 (74.7)	242.8 (71.1)	230.6 (67.6)	218.2 (63.9)	205.6 (60.3)	193.0 (56.6)		
	-30 (-34.4)	228.7 (67)	217.8 (63.8)	206.9 (60.6)	195.5 (57.3)	184.4 (54)	172.8 (50.7)	161.3 (47.3)		
	-35 (-37.2)	193.2 (56.6)	183.3 (53.7)	173.0 (50.7)	162.8 (47.7)	152.5 (44.7)	141.8 (41.5)	131.0 (38.4)		
	-40 (-40)	160.4 (47)	151.2 (44.3)	141.5 (41.5)	132.1 (38.7)	122.2 (35.8)	112.4 (32.9)	102.3 (30)		

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

**LOW TEMPERATURE MODELS**

**w/ 850RPM CONDENSER MOTOR(S) HIGH EFFICIENCY MODELS**

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) <b>R448A R449A</b> 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)
KVD025D8-B Compressor Model 4NES-14	0	(-17.8)	173.6	(50.9)	165.6	(48.5)	157.4	(46.1)	149.2	(43.7)	140.8	(41.3)	132.6	(38.9)	124.4	(36.5)
	-5	(-20.6)	153.4	(45)	146.0	(42.8)	138.6	(40.6)	131.2	(38.5)	123.8	(36.3)	116.4	(34.1)	109.0	(31.9)
	-10	(-23.3)	134.6	(39.4)	128.0	(37.5)	121.2	(35.5)	114.6	(33.6)	108.0	(31.7)	101.4	(29.7)	94.6	(27.7)
	-15	(-26.1)	117.2	(34.3)	111.4	(32.6)	105.4	(30.9)	99.4	(29.1)	93.4	(27.4)	87.6	(25.7)	81.6	(23.9)
	-20	(-28.9)	101.4	(29.7)	96.0	(28.1)	90.8	(26.6)	85.4	(25)	80.0	(23.4)	74.8	(21.9)	69.4	(20.3)
	-25	(-31.7)	86.8	(25.4)	82.0	(24)	77.2	(22.6)	72.6	(21.3)	67.8	(19.9)	63.0	(18.5)	58.4	(17.1)
	-30	(-34.4)	73.4	(21.5)	69.2	(20.3)	65.0	(19)	60.8	(17.8)	56.4	(16.5)	52.2	(15.3)	48.0	(14.1)
	-35	(-37.2)	61.4	(18)	57.4	(16.8)	53.6	(15.7)	49.8	(14.6)	46.0	(13.5)	42.4	(12.4)	38.6	(11.3)
-40	(-40)	50.2	(14.7)	46.8	(13.7)	43.4	(12.7)	39.8	(11.7)	36.4	(10.7)	33.0	(9.7)	29.8	(8.7)	
KVD031D8-B Compressor Model 4HE-18	0	(-17.8)	250.2	(73.3)	239.8	(70.3)	229.4	(67.2)	218.8	(64.1)	208.4	(61.1)	198.0	(58)	187.4	(54.9)
	-5	(-20.6)	221.8	(65)	212.4	(62.2)	203.0	(59.5)	193.4	(56.7)	184.0	(53.9)	174.6	(51.2)	165.2	(48.4)
	-10	(-23.3)	195.4	(57.3)	187.0	(54.8)	178.4	(52.3)	170.0	(49.8)	161.6	(47.4)	153.0	(44.8)	144.6	(42.4)
	-15	(-26.1)	171.0	(50.1)	163.4	(47.9)	155.8	(45.7)	148.2	(43.4)	140.6	(41.2)	133.0	(39)	125.6	(36.8)
	-20	(-28.9)	148.4	(43.5)	141.8	(41.6)	135.0	(39.6)	128.2	(37.6)	121.4	(35.6)	114.6	(33.6)	107.8	(31.6)
	-25	(-31.7)	127.8	(37.5)	121.8	(35.7)	115.6	(33.9)	109.6	(32.1)	103.6	(30.4)	97.6	(28.6)	91.6	(26.8)
	-30	(-34.4)	108.8	(31.9)	103.4	(30.3)	98.0	(28.7)	92.4	(27.1)	87.0	(25.5)	81.8	(24)	76.4	(22.4)
	-35	(-37.2)	91.2	(26.7)	86.4	(25.3)	81.4	(23.9)	76.6	(22.4)	71.8	(21)	67.0	(19.6)	62.2	(18.2)
-40	(-40)	75.0	(22)	70.6	(20.7)	66.2	(19.4)	61.8	(18.1)	57.4	(16.8)	53.2	(15.6)	49.0	(14.4)	
KVD041D8-B Compressor Model 4GE-23	0	(-17.8)	286.2	(83.9)	274.4	(80.4)	262.8	(77)	251.0	(73.6)	239.2	(70.1)	227.4	(66.6)	215.6	(63.2)
	-5	(-20.6)	254.6	(74.6)	244.2	(71.6)	233.6	(68.5)	223.0	(65.4)	212.4	(62.2)	202.0	(59.2)	191.4	(56.1)
	-10	(-23.3)	225.2	(66)	215.8	(63.2)	206.4	(60.5)	197.0	(57.7)	187.6	(55)	178.2	(52.2)	169.0	(49.5)
	-15	(-26.1)	198.0	(58)	189.6	(55.6)	181.4	(53.2)	173.0	(50.7)	164.6	(48.2)	156.2	(45.8)	148.0	(43.4)
	-20	(-28.9)	172.8	(50.6)	165.4	(48.5)	158.0	(46.3)	150.6	(44.1)	143.2	(42)	135.8	(39.8)	128.6	(37.7)
	-25	(-31.7)	149.4	(43.8)	143.0	(41.9)	136.4	(40)	129.8	(38)	123.4	(36.2)	116.8	(34.2)	110.4	(32.4)
	-30	(-34.4)	128.0	(37.5)	122.2	(35.8)	116.4	(34.1)	110.6	(32.4)	104.8	(30.7)	99.2	(29.1)	93.6	(27.4)
	-35	(-37.2)	108.2	(31.7)	103.0	(30.2)	97.8	(28.7)	92.6	(27.1)	87.6	(25.7)	82.6	(24.2)	77.8	(22.8)
-40	(-40)	89.8	(26.3)	85.2	(25)	80.6	(23.6)	76.0	(22.3)	71.4	(20.9)	67.0	(19.6)	62.8	(18.4)	
KVD051D8-B Compressor Model 6HE-28	0	(-17.8)	354.0	(103.7)	339.0	(99.4)	324.0	(95)	309.0	(90.6)	293.8	(86.1)	278.8	(81.7)	263.6	(77.3)
	-5	(-20.6)	314.6	(92.2)	301.2	(88.3)	287.6	(84.3)	274.0	(80.3)	260.2	(76.3)	246.6	(72.3)	232.8	(68.2)
	-10	(-23.3)	278.2	(81.5)	265.8	(77.9)	253.6	(74.3)	241.2	(70.7)	229.0	(67.1)	216.6	(63.5)	204.0	(59.8)
	-15	(-26.1)	244.2	(71.6)	233.2	(68.3)	222.0	(65.1)	211.0	(61.8)	199.8	(58.6)	188.6	(55.3)	177.4	(52)
	-20	(-28.9)	212.6	(62.3)	202.8	(59.4)	192.8	(56.5)	182.8	(53.6)	172.8	(50.6)	162.8	(47.7)	152.6	(44.7)
	-25	(-31.7)	183.6	(53.8)	174.6	(51.2)	165.6	(48.5)	156.6	(45.9)	147.6	(43.3)	138.6	(40.6)	129.4	(37.9)
	-30	(-34.4)	156.6	(45.9)	148.6	(43.6)	140.6	(41.2)	132.4	(38.8)	124.4	(36.5)	116.2	(34.1)	108.0	(31.7)
	-35	(-37.2)	131.8	(38.6)	124.6	(36.5)	117.2	(34.3)	110.0	(32.2)	102.6	(30.1)	95.2	(27.9)	87.6	(25.7)
-40	(-40)	108.8	(31.9)	102.2	(30)	95.6	(28)	88.8	(26)	82.2	(24.1)	75.4	(22.1)	68.6	(20.1)	
KVD061D8-B Compressor Model 6GE-34	0	(-17.8)	410.2	(120.2)	393.8	(115.4)	377.4	(110.6)	360.8	(105.7)	343.8	(100.8)	326.8	(95.8)	309.6	(90.7)
	-5	(-20.6)	367.2	(107.6)	352.6	(103.3)	337.8	(99)	322.8	(94.6)	307.6	(90.1)	292.2	(85.6)	276.6	(81.1)
	-10	(-23.3)	327.0	(95.8)	314.0	(92)	300.6	(88.1)	287.2	(84.2)	273.6	(80.2)	259.8	(76.1)	245.6	(72)
	-15	(-26.1)	289.4	(84.8)	277.6	(81.4)	265.8	(77.9)	253.8	(74.4)	241.6	(70.8)	229.2	(67.2)	216.4	(63.4)
	-20	(-28.9)	254.2	(74.5)	243.8	(71.5)	233.2	(68.3)	222.4	(65.2)	211.6	(62)	200.4	(58.7)	189.0	(55.4)
	-25	(-31.7)	221.6	(64.9)	212.2	(62.2)	202.8	(59.4)	193.0	(56.6)	183.2	(53.7)	173.2	(50.8)	163.0	(47.8)
	-30	(-34.4)	191.2	(56)	182.8	(53.6)	174.2	(51.1)	165.6	(48.5)	156.8	(46)	147.8	(43.3)	138.4	(40.6)
	-35	(-37.2)	163.0	(47.8)	155.4	(45.5)	147.6	(43.3)	139.8	(41)	131.8	(38.6)	123.6	(36.2)	115.2	(33.8)
-40	(-40)	136.8	(40.1)	129.8	(38)	122.8	(36)	115.6	(33.9)	108.2	(31.7)	100.6	(29.5)	92.8	(27.2)	

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) <b>R407C</b> 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)
<b>KVD031H8-B</b> Compressor Model 4PES-15	55 (12.8)		495.0 (145.1)	476.9 (139.8)	458.6 (134.4)	440.4 (129.1)	422.1 (123.7)	403.6 (118.3)	385.1 (112.9)
	50 (10)		451.7 (132.4)	434.9 (127.5)	417.9 (122.5)	400.9 (117.5)	383.9 (112.5)	366.9 (107.5)	349.7 (102.5)
	45 (7.2)		410.8 (120.4)	395.2 (115.8)	379.7 (111.3)	364.1 (106.7)	348.4 (102.1)	332.6 (97.5)	316.7 (92.8)
	40 (4.4)		372.5 (109.2)	358.3 (105)	343.8 (100.7)	329.5 (96.6)	315.0 (92.3)	300.5 (88.1)	285.8 (83.8)
	35 (1.7)		336.6 (98.7)	323.6 (94.8)	310.4 (91)	297.2 (87.1)	283.9 (83.2)	270.7 (79.3)	257.3 (75.4)
<b>KVD041H8-B</b> Compressor Model 4NES-20	55 (12.8)		579.2 (169.7)	558.2 (163.6)	537.4 (157.5)	516.2 (151.3)	495.2 (145.1)	474.0 (138.9)	452.6 (132.6)
	50 (10)		528.8 (155)	509.5 (149.3)	489.9 (143.6)	470.6 (137.9)	450.9 (132.1)	431.3 (126.4)	411.6 (120.6)
	45 (7.2)		481.3 (141.1)	463.5 (135.8)	445.6 (130.6)	427.6 (125.3)	409.5 (120)	391.4 (114.7)	373.2 (109.4)
	40 (4.4)		436.8 (128)	420.4 (123.2)	404.0 (118.4)	387.5 (113.5)	370.9 (108.7)	354.1 (103.8)	337.5 (98.9)
	35 (1.7)		395.2 (115.8)	380.1 (111.4)	365.2 (107)	349.9 (102.5)	334.7 (98.1)	319.4 (93.6)	304.1 (89.1)
<b>KVD051H8-B</b> Compressor Model 4HE-25	55 (12.8)		763.6 (223.8)	736.9 (216)	710.0 (208.1)	683.1 (200.2)	656.3 (192.3)	629.2 (184.4)	602.1 (176.4)
	50 (10)		697.2 (204.3)	672.4 (197.1)	647.9 (189.9)	622.9 (182.5)	597.9 (175.2)	572.9 (167.9)	547.9 (160.6)
	45 (7.2)		634.6 (186)	611.9 (179.3)	589.1 (172.6)	566.2 (165.9)	543.3 (159.2)	520.2 (152.4)	497.1 (145.7)
	40 (4.4)		575.8 (168.8)	555.0 (162.7)	534.0 (156.5)	513.0 (150.4)	492.0 (144.2)	470.8 (138)	449.6 (131.8)
	35 (1.7)		520.8 (152.6)	501.7 (147)	482.6 (141.4)	463.3 (135.8)	443.9 (130.1)	424.6 (124.4)	405.3 (118.8)
<b>KVD061H8-B</b> Compressor Model 4GE-30	55 (12.8)		891.5 (261.3)	861.2 (252.4)	830.8 (243.5)	800.3 (234.5)	769.7 (225.6)	739.0 (216.6)	708.1 (207.5)
	50 (10)		814.8 (238.8)	786.9 (230.6)	758.9 (222.4)	730.8 (214.2)	702.5 (205.9)	674.1 (197.6)	645.5 (189.2)
	45 (7.2)		742.6 (217.6)	716.9 (210.1)	691.1 (202.5)	665.3 (195)	639.2 (187.3)	613.2 (179.7)	587.0 (172)
	40 (4.4)		674.7 (197.7)	651.2 (190.9)	627.5 (183.9)	604.0 (177)	580.0 (170)	556.1 (163)	532.1 (156)
	35 (1.7)		611.1 (179.1)	589.7 (172.8)	568.1 (166.5)	546.4 (160.1)	524.6 (153.7)	502.7 (147.3)	480.9 (140.9)
<b>KVD071H8-B</b> Compressor Model 6HE-35	55 (12.8)		1114.7 (326.7)	1076.3 (315.4)	1037.2 (304)	997.9 (292.5)	958.2 (280.8)	918.3 (269.1)	878.2 (257.4)
	50 (10)		1017.2 (298.1)	981.5 (287.7)	945.6 (277.1)	909.3 (266.5)	872.8 (255.8)	835.8 (244.9)	798.6 (234.1)
	45 (7.2)		925.7 (271.3)	892.9 (261.7)	859.7 (252)	826.4 (242.2)	792.8 (232.3)	758.7 (222.4)	724.5 (212.3)
	40 (4.4)		839.8 (246.1)	809.8 (237.3)	779.3 (228.4)	748.9 (219.5)	718.0 (210.4)	686.7 (201.3)	655.4 (192.1)
	35 (1.7)		759.6 (222.6)	732.1 (214.5)	704.6 (206.5)	676.4 (198.2)	648.3 (190)	619.9 (181.7)	591.2 (173.2)
<b>KVD081H8-B</b> Compressor Model 6GE-40	55 (12.8)		1299.1 (380.7)	1255.2 (367.9)	1210.9 (354.9)	1166.3 (341.8)	1121.2 (328.6)	1075.8 (315.3)	1030.3 (301.9)
	50 (10)		1186.7 (347.8)	1146.2 (335.9)	1105.4 (324)	1064.3 (311.9)	1022.7 (299.7)	980.9 (287.5)	938.7 (275.1)
	45 (7.2)		1081.1 (316.8)	1043.9 (305.9)	1006.3 (294.9)	968.5 (283.8)	930.3 (272.6)	891.9 (261.4)	853.2 (250.1)
	40 (4.4)		982.0 (287.8)	947.9 (277.8)	913.7 (267.8)	879.1 (257.6)	844.2 (247.4)	808.9 (237.1)	773.6 (226.7)
	35 (1.7)		889.4 (260.6)	858.5 (251.6)	827.2 (242.4)	795.7 (233.2)	763.8 (223.8)	731.9 (214.5)	699.5 (205)
<b>KVD101H8-B</b> Compressor Model 6FE-50	55 (12.8)		1494.6 (438)	1442.3 (422.7)	1389.6 (407.2)	1336.4 (391.7)	1283.1 (376)	1229.3 (360.3)	1175.2 (344.4)
	50 (10)		1366.9 (400.6)	1318.6 (386.4)	1269.9 (372.2)	1220.7 (357.8)	1171.4 (343.3)	1121.6 (328.7)	1071.4 (314)
	45 (7.2)		1246.4 (365.3)	1201.8 (352.2)	1157.1 (339.1)	1111.7 (325.8)	1066.2 (312.5)	1020.4 (299)	974.2 (285.5)
	40 (4.4)		1133.0 (332)	1092.2 (320.1)	1051.1 (308)	1009.7 (295.9)	967.7 (283.6)	925.7 (271.3)	883.5 (258.9)
	35 (1.7)		1026.7 (300.9)	989.5 (290)	951.9 (279)	913.9 (267.8)	875.7 (256.6)	837.3 (245.4)	798.6 (234.1)

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) <b>R407C</b> 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-B Compressor Model 4PES-15	30 (-1.1)	303.2 (88.9)	291.3 (85.4)	279.3 (81.9)	267.1 (78.3)	255.2 (74.8)	243.0 (71.2)	230.6 (67.6)	
	25 (-3.9)	272.0 (79.7)	261.2 (76.6)	250.3 (73.4)	239.2 (70.1)	228.3 (66.9)	217.1 (63.6)	206.0 (60.4)	
	20 (-6.7)	243.2 (71.3)	233.3 (68.4)	223.4 (65.5)	213.4 (62.5)	203.5 (59.6)	193.4 (56.7)	183.1 (53.7)	
	15 (-9.4)	216.3 (63.4)	207.5 (60.8)	198.5 (58.2)	189.4 (55.5)	180.4 (52.9)	171.4 (50.2)	162.1 (47.5)	
KVD041M8-B Compressor Model 4NES-20	30 (-1.1)	356.4 (104.4)	342.7 (100.4)	328.9 (96.4)	315.0 (92.3)	301.1 (88.3)	287.3 (84.2)	273.2 (80.1)	
	25 (-3.9)	320.0 (93.8)	307.7 (90.2)	295.3 (86.5)	282.7 (82.8)	270.1 (79.1)	257.3 (75.4)	244.4 (71.6)	
	20 (-6.7)	286.7 (84)	275.3 (80.7)	264.0 (77.4)	252.6 (74)	241.1 (70.7)	229.5 (67.3)	218.0 (63.9)	
	15 (-9.4)	255.4 (74.8)	245.3 (71.9)	235.0 (68.9)	224.7 (65.9)	214.4 (62.8)	203.9 (59.8)	193.4 (56.7)	
KVD051M8-B Compressor Model 4HE-25	30 (-1.1)	469.4 (137.6)	451.9 (132.4)	434.5 (127.3)	416.9 (122.2)	399.2 (117)	381.6 (111.8)	363.9 (106.7)	
	25 (-3.9)	421.5 (123.5)	405.5 (118.8)	389.8 (114.2)	373.6 (109.5)	357.6 (104.8)	341.7 (100.1)	325.5 (95.4)	
	20 (-6.7)	377.0 (110.5)	362.5 (106.2)	348.0 (102)	333.5 (97.7)	319.0 (93.5)	304.3 (89.2)	289.8 (84.9)	
	15 (-9.4)	335.6 (98.3)	322.6 (94.5)	309.3 (90.7)	296.1 (86.8)	282.9 (82.9)	269.9 (79.1)	256.6 (75.2)	
KVD061M8-B Compressor Model 4GE-30	30 (-1.1)	551.7 (161.7)	532.1 (156)	512.4 (150.2)	492.7 (144.4)	472.9 (138.6)	453.2 (132.8)	433.2 (127)	
	25 (-3.9)	496.2 (145.4)	478.4 (140.2)	460.7 (135)	442.7 (129.7)	424.8 (124.5)	406.8 (119.2)	388.7 (113.9)	
	20 (-6.7)	444.8 (130.4)	428.6 (125.6)	412.4 (120.9)	396.3 (116.1)	379.9 (111.3)	363.7 (106.6)	347.3 (101.8)	
	15 (-9.4)	396.9 (116.3)	382.2 (112)	367.7 (107.8)	353.0 (103.5)	338.3 (99.1)	323.6 (94.8)	308.9 (90.5)	
KVD071M8-B Compressor Model 6HE-35	30 (-1.1)	684.8 (200.7)	659.8 (193.4)	634.6 (186)	609.2 (178.5)	583.6 (171)	557.6 (163.4)	531.7 (155.8)	
	25 (-3.9)	615.3 (180.3)	592.6 (173.7)	569.9 (167)	546.8 (160.3)	523.5 (153.4)	500.0 (146.5)	476.5 (139.6)	
	20 (-6.7)	550.8 (161.4)	530.5 (155.5)	509.9 (149.4)	488.9 (143.3)	467.9 (137.1)	446.7 (130.9)	425.5 (124.7)	
	15 (-9.4)	491.2 (144)	472.7 (138.5)	454.2 (133.1)	435.3 (127.6)	416.4 (122)	397.5 (116.5)	378.4 (110.9)	
KVD081M8-B Compressor Model 6GE-40	30 (-1.1)	803.0 (235.3)	775.1 (227.2)	746.8 (218.9)	718.0 (210.4)	689.2 (202)	660.0 (193.4)	630.8 (184.9)	
	25 (-3.9)	722.8 (211.8)	697.6 (204.5)	672.0 (196.9)	646.0 (189.3)	619.9 (181.7)	593.5 (173.9)	567.0 (166.2)	
	20 (-6.7)	648.5 (190.1)	625.6 (183.3)	602.5 (176.6)	579.2 (169.7)	555.7 (162.8)	531.9 (155.9)	508.2 (148.9)	
	15 (-9.4)	579.6 (169.9)	559.2 (163.9)	538.4 (157.8)	517.4 (151.6)	496.2 (145.4)	475.0 (139.2)	453.8 (133)	
KVD101M8-B Compressor Model 6FE-50	30 (-1.1)	927.6 (271.8)	893.6 (261.9)	859.3 (251.8)	824.9 (241.7)	790.0 (231.5)	755.0 (221.3)	719.9 (211)	
	25 (-3.9)	835.0 (244.7)	804.3 (235.7)	773.2 (226.6)	741.9 (217.4)	710.2 (208.1)	678.5 (198.9)	646.8 (189.6)	
	20 (-6.7)	748.9 (219.5)	721.1 (211.3)	693.0 (203.1)	664.9 (194.9)	636.3 (186.5)	607.7 (178.1)	579.0 (169.7)	
	15 (-9.4)	669.1 (196.1)	644.1 (188.8)	618.9 (181.4)	593.3 (173.9)	567.6 (166.4)	542.0 (158.8)	516.2 (151.3)	
10 (-12.2)	594.9 (174.4)	572.7 (167.8)	550.0 (161.2)	527.1 (154.5)	504.2 (147.8)	481.1 (141)	458.0 (134.2)		

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) <b>R404A R507</b> 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-B Compressor 4PES-15	45 (7.2)	439.4 (128.8)	420.6 (123.3)	401.8 (117.8)	383.2 (112.3)	364.8 (106.9)	346.4 (101.5)	328.2 (96.2)	
	40 (4.4)	402.6 (118)	385.0 (112.8)	367.6 (107.7)	350.2 (102.6)	333.0 (97.6)	315.8 (92.6)	299.0 (87.6)	
	35 (1.7)	367.6 (107.7)	351.2 (102.9)	335.0 (98.2)	319.0 (93.5)	303.0 (88.8)	287.2 (84.2)	271.4 (79.5)	
KVD041H8-B Compressor 4NES-20	45 (7.2)	517.0 (151.5)	495.4 (145.2)	473.8 (138.9)	452.4 (132.6)	431.2 (126.4)	410.0 (120.2)	389.0 (114)	
	40 (4.4)	474.2 (139)	454.0 (133.1)	434.0 (127.2)	414.2 (121.4)	394.4 (115.6)	374.6 (109.8)	355.0 (104)	
	35 (1.7)	433.6 (127.1)	415.0 (121.6)	396.4 (116.2)	378.0 (110.8)	359.6 (105.4)	341.4 (100.1)	323.2 (94.7)	
KVD051H8-B Compressor 4HE-25	45 (7.2)	666.6 (195.4)	639.4 (187.4)	612.0 (179.4)	584.8 (171.4)	557.4 (163.4)	530.2 (155.4)	503.0 (147.4)	
	40 (4.4)	613.6 (179.8)	588.2 (172.4)	562.8 (164.9)	537.4 (157.5)	512.0 (150.1)	486.6 (142.6)	461.2 (135.2)	
	35 (1.7)	563.2 (165.1)	539.6 (158.1)	516.0 (151.2)	492.4 (144.3)	468.8 (137.4)	445.4 (130.5)	421.8 (123.6)	
KVD061H8-B Compressor 4GE-30	45 (7.2)	766.4 (224.6)	734.8 (215.3)	703.0 (206)	671.0 (196.6)	639.2 (187.3)	607.4 (178)	575.6 (168.7)	
	40 (4.4)	705.6 (206.8)	676.2 (198.2)	646.6 (189.5)	617.0 (180.8)	587.4 (172.1)	557.8 (163.5)	528.2 (154.8)	
	35 (1.7)	647.8 (189.9)	620.4 (181.8)	593.2 (173.8)	565.8 (165.8)	538.2 (157.7)	510.8 (149.7)	483.4 (141.7)	
KVD071H8-B Compressor 6HE-35	45 (7.2)	984.6 (288.6)	944.6 (276.8)	904.6 (265.1)	864.8 (253.4)	825.0 (241.8)	785.2 (230.1)	745.6 (218.5)	
	40 (4.4)	905.8 (265.5)	868.6 (254.6)	831.4 (243.7)	794.2 (232.8)	757.2 (221.9)	720.2 (211.1)	683.4 (200.3)	
	35 (1.7)	830.8 (243.5)	796.4 (233.4)	762.0 (223.3)	727.6 (213.2)	693.2 (203.2)	658.8 (193.1)	624.6 (183.1)	
KVD081H8-B Compressor 6GE-40	45 (7.2)	1115.4 (326.9)	1068.6 (313.2)	1022.0 (299.5)	975.4 (285.9)	929.0 (272.3)	882.6 (258.7)	836.2 (245.1)	
	40 (4.4)	1027.2 (301)	983.8 (288.3)	940.6 (275.7)	897.4 (263)	854.2 (250.3)	811.0 (237.7)	768.0 (225.1)	
	35 (1.7)	943.4 (276.5)	903.4 (264.8)	863.4 (253)	823.4 (241.3)	783.4 (229.6)	743.4 (217.9)	703.6 (206.2)	
KVD101H8-B Compressor 6FE-50	45 (7.2)	1306.0 (382.7)	1250.2 (366.4)	1194.4 (350)	1138.6 (333.7)	1082.8 (317.3)	1027.2 (301)	971.4 (284.7)	
	40 (4.4)	1206.4 (353.6)	1154.6 (338.4)	1102.8 (323.2)	1051.0 (308)	999.2 (292.8)	947.4 (277.7)	895.6 (262.5)	
	35 (1.7)	1111.4 (325.7)	1063.4 (311.7)	1015.6 (297.6)	967.6 (283.6)	919.6 (269.5)	871.6 (255.4)	823.6 (241.4)	

**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-B Compressor Model 4PES-15	30	(-1.1)	334.4 (98)	319.4 (93.6)	304.4 (89.2)	289.6 (84.9)	274.8 (80.5)	260.2 (76.3)	245.6 (72)
	25	(-3.9)	303.4 (88.9)	289.4 (84.8)	275.6 (80.8)	262.0 (76.8)	248.4 (72.8)	234.8 (68.8)	221.4 (64.9)
	20	(-6.7)	274.0 (80.3)	261.4 (76.6)	248.8 (72.9)	236.2 (69.2)	223.6 (65.5)	211.2 (61.9)	199.0 (58.3)
	15	(-9.4)	246.6 (72.3)	235.0 (68.9)	223.4 (65.5)	212.0 (62.1)	200.6 (58.8)	189.2 (55.4)	178.0 (52.2)
	10	(-12.2)	221.0 (64.8)	210.4 (61.7)	200.0 (58.6)	189.6 (55.6)	179.2 (52.5)	168.8 (49.5)	158.6 (46.5)
	5	(-15)	197.2 (57.8)	187.6 (55)	178.0 (52.2)	168.6 (49.4)	159.2 (46.7)	150.0 (44)	140.6 (41.2)
0	(-17.8)	175.0 (51.3)	166.4 (48.8)	157.8 (46.2)	149.2 (43.7)	140.8 (41.3)	132.4 (38.8)	124.2 (36.4)	
KVD041M8-B Compressor Model 4NES-20	30	(-1.1)	395.4 (115.9)	378.2 (110.8)	361.0 (105.8)	343.8 (100.8)	327.0 (95.8)	310.0 (90.9)	293.4 (86)
	25	(-3.9)	359.2 (105.3)	343.4 (100.6)	327.6 (96)	311.8 (91.4)	296.2 (86.8)	280.8 (82.3)	265.4 (77.8)
	20	(-6.7)	325.2 (95.3)	310.8 (91.1)	296.2 (86.8)	282.0 (82.6)	267.6 (78.4)	253.4 (74.3)	239.2 (70.1)
	15	(-9.4)	293.4 (86)	280.2 (82.1)	267.0 (78.2)	253.8 (74.4)	240.8 (70.6)	227.8 (66.8)	215.0 (63)
	10	(-12.2)	263.6 (77.3)	251.6 (73.7)	239.6 (70.2)	227.8 (66.8)	216.0 (63.3)	204.2 (59.8)	192.4 (56.4)
	5	(-15)	235.8 (69.1)	225.0 (65.9)	214.2 (62.8)	203.6 (59.7)	192.8 (56.5)	182.2 (53.4)	171.6 (50.3)
0	(-17.8)	210.2 (61.6)	200.4 (58.7)	190.6 (55.9)	181.0 (53)	171.4 (50.2)	161.8 (47.4)	152.4 (44.7)	
KVD051M8-B Compressor Model 4HE-25	30	(-1.1)	515.2 (151)	493.6 (144.7)	471.8 (138.3)	450.0 (131.9)	428.2 (125.5)	406.4 (119.1)	384.6 (112.7)
	25	(-3.9)	470.0 (137.7)	450.0 (131.9)	430.0 (126)	410.0 (120.2)	389.8 (114.2)	369.8 (108.4)	349.8 (102.5)
	20	(-6.7)	427.2 (125.2)	409.0 (119.9)	390.6 (114.5)	372.2 (109.1)	353.8 (103.7)	335.4 (98.3)	317.0 (92.9)
	15	(-9.4)	387.0 (113.4)	370.4 (108.6)	353.6 (103.6)	336.8 (98.7)	320.0 (93.8)	303.2 (88.9)	286.4 (83.9)
	10	(-12.2)	349.2 (102.3)	334.2 (97.9)	319.0 (93.5)	303.6 (89)	288.4 (84.5)	273.0 (80)	257.8 (75.6)
	5	(-15)	314.0 (92)	300.2 (88)	286.4 (83.9)	272.6 (79.9)	258.8 (75.8)	244.8 (71.7)	231.0 (67.7)
0	(-17.8)	281.0 (82.4)	268.6 (78.7)	256.2 (75.1)	243.8 (71.5)	231.2 (67.8)	218.6 (64.1)	206.2 (60.4)	
KVD061M8-B Compressor Model 4GE-30	30	(-1.1)	592.8 (173.7)	568.8 (166.7)	545.0 (159.7)	521.2 (152.7)	497.4 (145.8)	473.6 (138.8)	450.0 (131.9)
	25	(-3.9)	540.0 (158.3)	518.2 (151.9)	496.4 (145.5)	474.6 (139.1)	452.8 (132.7)	431.0 (126.3)	409.4 (120)
	20	(-6.7)	490.2 (143.7)	470.2 (137.8)	450.4 (132)	430.6 (126.2)	410.8 (120.4)	391.0 (114.6)	371.2 (108.8)
	15	(-9.4)	443.2 (129.9)	425.0 (124.6)	407.0 (119.3)	389.0 (114)	371.0 (108.7)	353.2 (103.5)	335.2 (98.2)
	10	(-12.2)	399.0 (116.9)	382.6 (112.1)	366.4 (107.4)	350.0 (102.6)	333.8 (97.8)	317.6 (93.1)	301.4 (88.3)
	5	(-15)	357.6 (104.8)	343.0 (100.5)	328.2 (96.2)	313.6 (91.9)	299.0 (87.6)	284.4 (83.3)	269.8 (79.1)
0	(-17.8)	319.0 (93.5)	305.8 (89.6)	292.6 (85.8)	279.6 (81.9)	266.4 (78.1)	253.4 (74.3)	240.2 (70.4)	
KVD071M8-B Compressor Model 6HE-35	30	(-1.1)	760.0 (222.7)	728.2 (213.4)	696.4 (204.1)	664.6 (194.8)	632.8 (185.5)	601.0 (176.1)	569.2 (166.8)
	25	(-3.9)	693.0 (203.1)	663.8 (194.5)	634.4 (185.9)	605.2 (177.4)	575.8 (168.7)	546.6 (160.2)	517.4 (151.6)
	20	(-6.7)	629.8 (184.6)	603.0 (176.7)	576.2 (168.9)	549.2 (161)	522.4 (153.1)	495.6 (145.2)	468.6 (137.3)
	15	(-9.4)	570.4 (167.2)	545.8 (160)	521.4 (152.8)	496.8 (145.6)	472.2 (138.4)	447.8 (131.2)	423.2 (124)
	10	(-12.2)	514.6 (150.8)	492.4 (144.3)	470.2 (137.8)	447.8 (131.2)	425.4 (124.7)	403.0 (118.1)	380.6 (111.5)
	5	(-15)	462.4 (135.5)	442.4 (129.7)	422.2 (123.7)	402.0 (117.8)	381.6 (111.8)	361.4 (105.9)	341.0 (99.9)
0	(-17.8)	413.8 (121.3)	395.8 (116)	377.6 (110.7)	359.2 (105.3)	341.0 (99.9)	322.6 (94.5)	304.2 (89.2)	
KVD081M8-B Compressor Model 6GE-40	30	(-1.1)	863.8 (253.2)	827.0 (242.4)	790.2 (231.6)	753.2 (220.7)	716.4 (210)	679.6 (199.2)	642.8 (188.4)
	25	(-3.9)	788.6 (231.1)	754.8 (221.2)	721.0 (211.3)	687.2 (201.4)	653.4 (191.5)	619.4 (181.5)	585.6 (171.6)
	20	(-6.7)	717.4 (210.2)	686.6 (201.2)	655.8 (192.2)	624.8 (183.1)	593.8 (174)	563.0 (165)	532.0 (155.9)
	15	(-9.4)	650.4 (190.6)	622.4 (182.4)	594.4 (174.2)	566.2 (165.9)	538.0 (157.7)	509.8 (149.4)	481.6 (141.1)
	10	(-12.2)	587.6 (172.2)	562.2 (164.8)	536.8 (157.3)	511.2 (149.8)	485.8 (142.4)	460.2 (134.9)	434.6 (127.4)
	5	(-15)	528.6 (154.9)	505.8 (148.2)	482.8 (141.5)	459.8 (134.8)	436.8 (128)	413.8 (121.3)	390.6 (114.5)
0	(-17.8)	473.6 (138.8)	453.2 (132.8)	432.6 (126.8)	411.8 (120.7)	391.2 (114.6)	370.4 (108.6)	349.4 (102.4)	
KVD101M8-B Compressor Model 6FE-50	30	(-1.1)	1020.6 (299.1)	976.6 (286.2)	932.4 (273.3)	888.2 (260.3)	844.0 (247.4)	799.8 (234.4)	-
	25	(-3.9)	934.4 (273.8)	894.0 (262)	853.6 (250.2)	813.0 (238.3)	772.4 (226.4)	731.8 (214.5)	691.0 (202.5)
	20	(-6.7)	852.4 (249.8)	815.8 (239.1)	778.8 (228.2)	741.6 (217.3)	704.6 (206.5)	667.4 (195.6)	630.2 (184.7)
	15	(-9.4)	775.0 (227.1)	741.6 (217.3)	708.0 (207.5)	674.4 (197.6)	640.6 (187.7)	606.6 (177.8)	572.8 (167.9)
	10	(-12.2)	702.0 (205.7)	671.8 (196.9)	641.4 (188)	610.8 (179)	580.2 (170)	549.6 (161.1)	518.6 (152)
	5	(-15)	633.4 (185.6)	606.2 (177.7)	578.8 (169.6)	551.2 (161.5)	523.6 (153.5)	495.8 (145.3)	467.8 (137.1)
0	(-17.8)	568.8 (166.7)	544.4 (159.5)	519.8 (152.3)	495.2 (145.1)	470.2 (137.8)	445.2 (130.5)	420.2 (123.1)	

**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)		
KVD025L6-B Compressor Model 4NES-14	0 (-17.8)		192.6 (56.4)	183.2 (53.7)	174.0 (51)	164.8 (48.3)	155.4 (45.5)	146.2 (42.8)	137.0 (40.2)		
	-5 (-20.6)		172.0 (50.4)	163.6 (47.9)	155.2 (45.5)	146.8 (43)	138.4 (40.6)	130.0 (38.1)	121.6 (35.6)		
	-10 (-23.3)		152.6 (44.7)	145.2 (42.6)	137.6 (40.3)	130.0 (38.1)	122.4 (35.9)	114.8 (33.6)	107.4 (31.5)		
	-15 (-26.1)		134.8 (39.5)	128.0 (37.5)	121.2 (35.5)	114.4 (33.5)	107.6 (31.5)	100.8 (29.5)	94.0 (27.5)		
	-20 (-28.9)		118.0 (34.6)	112.0 (32.8)	106.0 (31.1)	99.8 (29.2)	93.8 (27.5)	87.8 (25.7)	81.6 (23.9)		
	-25 (-31.7)		102.8 (30.1)	97.4 (28.5)	91.8 (26.9)	86.4 (25.3)	81.0 (23.7)	75.6 (22.2)	70.2 (20.6)		
	-30 (-34.4)		88.6 (26)	83.8 (24.6)	79.0 (23.2)	74.0 (21.7)	69.2 (20.3)	64.4 (18.9)	59.6 (17.5)		
	-35 (-37.2)		75.6 (22.2)	71.4 (20.9)	67.0 (19.6)	62.6 (18.3)	58.4 (17.1)	54.0 (15.8)	49.8 (14.6)		
-40 (-40)		63.8 (18.7)	60.0 (17.6)	56.0 (16.4)	52.0 (15.2)	48.2 (14.1)	44.4 (13)	40.6 (11.9)			
KVD031L6-B Compressor Model 4HE-18	0 (-17.8)		273.6 (80.2)	261.4 (76.6)	249.4 (73.1)	237.2 (69.5)	225.2 (66)	213.0 (62.4)	201.0 (58.9)		
	-5 (-20.6)		245.0 (71.8)	234.0 (68.6)	223.2 (65.4)	212.2 (62.2)	201.2 (59)	190.4 (55.8)	179.4 (52.6)		
	-10 (-23.3)		218.2 (63.9)	208.4 (61.1)	198.6 (58.2)	188.8 (55.3)	179.0 (52.5)	169.2 (49.6)	159.4 (46.7)		
	-15 (-26.1)		193.4 (56.7)	184.6 (54.1)	175.8 (51.5)	167.0 (48.9)	158.2 (46.4)	149.4 (43.8)	140.6 (41.2)		
	-20 (-28.9)		170.2 (49.9)	162.4 (47.6)	154.6 (45.3)	146.6 (43)	138.8 (40.7)	131.0 (38.4)	123.2 (36.1)		
	-25 (-31.7)		148.8 (43.6)	141.8 (41.6)	134.8 (39.5)	127.8 (37.5)	120.8 (35.4)	113.8 (33.4)	106.8 (31.3)		
	-30 (-34.4)		129.0 (37.8)	122.8 (36)	116.6 (34.2)	110.2 (32.3)	104.0 (30.5)	97.8 (28.7)	91.6 (26.8)		
	-35 (-37.2)		110.8 (32.5)	105.2 (30.8)	99.6 (29.2)	94.0 (27.5)	88.6 (26)	83.0 (24.3)	77.6 (22.7)		
-40 (-40)		93.8 (27.5)	89.0 (26.1)	84.0 (24.6)	79.0 (23.2)	74.0 (21.7)	69.2 (20.3)	64.2 (18.8)			
KVD041L6-B Compressor Model 4GE-23	0 (-17.8)		311.6 (91.3)	298.0 (87.3)	284.4 (83.3)	270.6 (79.3)	257.0 (75.3)	243.2 (71.3)	229.6 (67.3)		
	-5 (-20.6)		280.2 (82.1)	267.8 (78.5)	255.6 (74.9)	243.2 (71.3)	230.8 (67.6)	218.6 (64.1)	206.2 (60.4)		
	-10 (-23.3)		250.6 (73.4)	239.6 (70.2)	228.6 (67)	217.4 (63.7)	206.4 (60.5)	195.4 (57.3)	184.2 (54)		
	-15 (-26.1)		222.8 (65.3)	213.0 (62.4)	203.2 (59.6)	193.4 (56.7)	183.4 (53.7)	173.6 (50.9)	163.8 (48)		
	-20 (-28.9)		197.0 (57.7)	188.4 (55.2)	179.6 (52.6)	170.8 (50.1)	162.0 (47.5)	153.2 (44.9)	144.6 (42.4)		
	-25 (-31.7)		173.0 (50.7)	165.4 (48.5)	157.6 (46.2)	149.8 (43.9)	142.0 (41.6)	134.2 (39.3)	126.6 (37.1)		
	-30 (-34.4)		150.8 (44.2)	144.0 (42.2)	137.0 (40.2)	130.2 (38.2)	123.4 (36.2)	116.6 (34.2)	109.8 (32.2)		
	-35 (-37.2)		130.2 (38.2)	124.2 (36.4)	118.0 (34.6)	112.0 (32.8)	106.0 (31.1)	100.0 (29.3)	94.0 (27.5)		
-40 (-40)		111.2 (32.6)	105.8 (31)	100.4 (29.4)	95.0 (27.8)	89.6 (26.3)	84.4 (24.7)	79.2 (23.2)			
KVD051L6-B Compressor Model 6HE-28	0 (-17.8)		388.2 (113.8)	370.8 (108.7)	353.4 (103.6)	336.2 (98.5)	319.0 (93.5)	301.8 (88.4)	284.6 (83.4)		
	-5 (-20.6)		348.8 (102.2)	333.0 (97.6)	317.4 (93)	301.6 (88.4)	286.0 (83.8)	270.4 (79.2)	254.8 (74.7)		
	-10 (-23.3)		311.8 (91.4)	297.6 (87.2)	283.4 (83.1)	269.2 (78.9)	255.0 (74.7)	241.0 (70.6)	226.8 (66.5)		
	-15 (-26.1)		277.0 (81.2)	264.4 (77.5)	251.6 (73.7)	238.8 (70)	226.2 (66.3)	213.4 (62.5)	200.6 (58.8)		
	-20 (-28.9)		244.8 (71.7)	233.2 (68.3)	221.8 (65)	210.4 (61.7)	199.0 (58.3)	187.6 (55)	176.2 (51.6)		
	-25 (-31.7)		214.6 (62.9)	204.4 (59.9)	194.2 (56.9)	184.0 (53.9)	173.6 (50.9)	163.4 (47.9)	153.2 (44.9)		
	-30 (-34.4)		186.6 (54.7)	177.4 (52)	168.4 (49.4)	159.2 (46.7)	150.0 (44)	141.0 (41.3)	131.8 (38.6)		
	-35 (-37.2)		160.8 (47.1)	152.6 (44.7)	144.4 (42.3)	136.2 (39.9)	128.0 (37.5)	119.8 (35.1)	111.6 (32.7)		
-40 (-40)		136.8 (40.1)	129.4 (37.9)	122.0 (35.8)	114.8 (33.6)	107.4 (31.5)	100.0 (29.3)	92.6 (27.1)			
KVD061L6-B Compressor Model 6GE-34	0 (-17.8)		444.2 (130.2)	425.0 (124.6)	405.8 (118.9)	386.4 (113.2)	367.2 (107.6)	347.8 (101.9)	-		
	-5 (-20.6)		401.6 (117.7)	384.2 (112.6)	367.0 (107.6)	349.6 (102.5)	332.0 (97.3)	314.6 (92.2)	296.8 (87)		
	-10 (-23.3)		361.2 (105.9)	345.8 (101.3)	330.2 (96.8)	314.6 (92.2)	299.0 (87.6)	283.2 (83)	267.2 (78.3)		
	-15 (-26.1)		323.4 (94.8)	309.4 (90.7)	295.6 (86.6)	281.6 (82.5)	267.6 (78.4)	253.4 (74.3)	239.0 (70)		
	-20 (-28.9)		287.6 (84.3)	275.4 (80.7)	263.0 (77.1)	250.6 (73.4)	238.0 (69.8)	225.4 (66.1)	212.6 (62.3)		
	-25 (-31.7)		254.2 (74.5)	243.4 (71.3)	232.4 (68.1)	221.2 (64.8)	210.0 (61.5)	198.8 (58.3)	187.4 (54.9)		
	-30 (-34.4)		223.2 (65.4)	213.4 (62.5)	203.6 (59.7)	193.8 (56.8)	183.8 (53.9)	173.8 (50.9)	163.6 (47.9)		
	-35 (-37.2)		194.0 (56.9)	185.4 (54.3)	176.8 (51.8)	168.0 (49.2)	159.2 (46.7)	150.2 (44)	141.0 (41.3)		
-40 (-40)		167.2 (49)	159.4 (46.7)	151.6 (44.4)	143.8 (42.1)	135.8 (39.8)	127.8 (37.5)	119.4 (35)			
KVD081L6-B Compressor Model 6FE-44	0 (-17.8)		444.2 (130.2)	425.0 (124.6)	405.8 (118.9)	386.4 (113.2)	367.2 (107.6)	347.8 (101.9)	-		
	-5 (-20.6)		401.6 (117.7)	384.2 (112.6)	367.0 (107.6)	349.6 (102.5)	332.0 (97.3)	314.6 (92.2)	296.8 (87)		
	-10 (-23.3)		361.2 (105.9)	345.8 (101.3)	330.2 (96.8)	314.6 (92.2)	299.0 (87.6)	283.2 (83)	267.2 (78.3)		
	-15 (-26.1)		323.4 (94.8)	309.4 (90.7)	295.6 (86.6)	281.6 (82.5)	267.6 (78.4)	253.4 (74.3)	239.0 (70)		
	-20 (-28.9)		287.6 (84.3)	275.4 (80.7)	263.0 (77.1)	250.6 (73.4)	238.0 (69.8)	225.4 (66.1)	212.6 (62.3)		
	-25 (-31.7)		254.2 (74.5)	243.4 (71.3)	232.4 (68.1)	221.2 (64.8)	210.0 (61.5)	198.8 (58.3)	187.4 (54.9)		
	-30 (-34.4)		223.2 (65.4)	213.4 (62.5)	203.6 (59.7)	193.8 (56.8)	183.8 (53.9)	173.8 (50.9)	163.6 (47.9)		
	-35 (-37.2)		194.0 (56.9)	185.4 (54.3)	176.8 (51.8)	168.0 (49.2)	159.2 (46.7)	150.2 (44)	141.0 (41.3)		
-40 (-40)		167.2 (49)	159.4 (46.7)	151.6 (44.4)	143.8 (42.1)	135.8 (39.8)	127.8 (37.5)	119.4 (35)			

**LOW TEMPERATURE MODELS**

**w/ 850RPM CONDENSER MOTOR(S) 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)			
KVD025D6-B Compressor Model 4NES-14	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)				
KVD031D6-B Compressor Model 4HE-18	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)				
KVD041D6-B Compressor Model 4GE-23	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)				
KVD051D6-B Compressor Model 6HE-28	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)				
KVD061D6-B Compressor Model 6GE-34	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)				



CONDENSING UNIT MODEL	COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		CONDENSER FAN MTR.			UNIT		
			RLA	LRA	QTY	WATTS	FLA	MCA	MOP	
KVS016H8-	HT3B -B	4PES-15-2NU-Y	208-230/3/60	60.0	294	2	3700	13.2	88.2	125
	HT4B -B	4PES-15-2NU-Y	460/3/60	27.1	147	2	3700	6.2	40.1	60
	HT5B -B	4PES-15-5PU-Y	575/3/60	21.8	117	2	3700	5.0	32.3	50
KVS021H8-	HT3B -B	4NES-20-2NU-Y	208-230/3/60	71.1	352	2	3700	13.2	102.1	150
	HT4B -B	4NES-20-2NU-Y	460/3/60	32.1	176	2	3700	6.2	46.3	70
	HT5B -B	4NES-20-5PU-Y	575/3/60	26.3	140	2	3700	5.0	37.9	60
KVS026H8-	HT3B -B	4HE-25-2NU-Y	208-230/3/60	93.2	436	3	5550	19.8	136.3	225
	HT4B -B	4HE-25-2NU-Y	460/3/60	42.1	218	3	5550	9.3	61.9	100
	HT5B -B	4HE-25-5PU-Y	575/3/60	33.6	174	3	5550	7.5	49.5	80
KVS031H8-	HT3B -B	4GE-30-2NU-Y	208-230/3/60	110.6	490	3	5550	19.8	158.1	250
	HT4B -B	4GE-30-2NU-Y	460/3/60	50.0	245	3	5550	9.3	71.8	110
	HT5B -B	4GE-30-5PU-Y	575/3/60	40.0	196	3	5550	7.5	57.5	90
KVS036H8-	HT3B -B	6HE-35-2NU-Y	208-230/3/60	129.5	550	4	7400	26.4	188.3	300
	HT4B -B	6HE-35-2NU-Y	460/3/60	58.6	275	4	7400	12.4	85.7	125
	HT5B -B	6HE-35-5PU-Y	575/3/60	46.4	220	4	7400	10.0	68.0	110
KVS041H8-	HT3B -B	6GE-40-2NU-Y	208-230/3/60	173.8	700	4	7400	26.4	243.7	400
	HT4B -B	6GE-40-2NU-Y	460/3/60	78.6	350	4	7400	12.4	110.7	175
	HT5B -B	6GE-40-5PU-Y	575/3/60	62.9	280	4	7400	10.0	88.6	150
KVS051H8-	HT3B -B	6FE-50-2NU-Y	208-230/3/60	176.9	950	4	7400	26.4	247.5	400
	HT4B -B	6FE-50-2NU-Y	460/3/60	80.0	425	4	7400	12.4	112.4	175
	HT5B -B	6FE-50-5PU-Y	575/3/60	63.6	340	4	7400	10.0	89.5	150
KVS016M8-	HT3B -B	4PES-15-2NU-Y	208-230/3/60	60.0	294	2	3700	13.2	88.2	125
	HT4B -B	4PES-15-2NU-Y	460/3/60	27.1	147	2	3700	6.2	40.1	60
	HT5B -B	4PES-15-5PU-Y	575/3/60	21.8	117	2	3700	5.0	32.3	50
KVS021M8-	HT3B -B	4NES-20-2NU-Y	208-230/3/60	71.1	352	2	3700	13.2	102.1	150
	HT4B -B	4NES-20-2NU-Y	460/3/60	32.1	176	2	3700	6.2	46.3	70
	HT5B -B	4NES-20-5PU-Y	575/3/60	26.3	140	2	3700	5.0	37.9	60
KVS026M8-	HT3B -B	4HE-25-2NU-Y	208-230/3/60	93.2	436	3	5550	19.8	136.3	225
	HT4B -B	4HE-25-2NU-Y	460/3/60	42.1	218	3	5550	9.3	61.9	100
	HT5B -B	4HE-25-5PU-Y	575/3/60	33.6	174	3	5550	7.5	49.5	80
KVS031M8-	HT3B -B	4GE-30-2NU-Y	208-230/3/60	110.6	490	3	5550	19.8	158.1	250
	HT4B -B	4GE-30-2NU-Y	460/3/60	50.0	245	3	5550	9.3	71.8	110
	HT5B -B	4GE-30-5PU-Y	575/3/60	40.0	196	3	5550	7.5	57.5	90
KVS036M8-	HT3B -B	6HE-35-2NU-Y	208-230/3/60	129.5	550	4	7400	26.4	188.3	300
	HT4B -B	6HE-35-2NU-Y	460/3/60	58.6	275	4	7400	12.4	85.7	125
	HT5B -B	6HE-35-5PU-Y	575/3/60	46.4	220	4	7400	10.0	68.0	110
KVS041M8-	HT3B -B	6GE-40-2NU-Y	208-230/3/60	173.8	700	4	7400	26.4	243.7	400
	HT4B -B	6GE-40-2NU-Y	460/3/60	78.6	350	4	7400	12.4	110.7	175
	HT5B -B	6GE-40-5PU-Y	575/3/60	62.9	280	4	7400	10.0	88.6	150
KVS051M8-	HT3B -B	6FE-50-2NU-Y	208-230/3/60	176.9	950	4	7400	26.4	247.5	400
	HT4B -B	6FE-50-2NU-Y	460/3/60	80.0	425	4	7400	12.4	112.4	175
	HT5B -B	6FE-50-5PU-Y	575/3/60	63.6	340	4	7400	10.0	89.5	150
KVS013L 6/8 -	HT3B -B	4NES-14-2NU-Y	208-230/3/60	49.0	252	1	1850	6.6	67.9	110
	HT4B -B	4NES-14-2NU-Y	460/3/60	22.1	126	1	1850	3.1	30.7	50
	HT5B -B	4NES-14-5PU-Y	575/3/60	17.7	101	1	1850	2.5	24.6	40
KVS016L 6/8 -	HT3B -B	4HE-18-2NU-Y	208-230/3/60	66.7	352	2	3700	13.2	96.6	150
	HT4B -B	4HE-18-2NU-Y	460/3/60	30.1	176	2	3700	6.2	43.8	70
	HT5B -B	4HE-18-5PU-Y	575/3/60	24.1	140	2	3700	5.0	35.1	50
KVS021L 6/8 -	HT3B -B	4GE-23-2NU-Y	208-230/3/60	71.1	352	2	3700	13.2	102.1	150
	HT4B -B	4GE-23-2NU-Y	460/3/60	32.1	176	2	3700	6.2	46.3	70
	HT5B -B	4GE-23-5PU-Y	575/3/60	25.7	140	2	3700	5.0	37.1	60
KVS026L 6/8 -	HT3B -B	6HE-28-2NU-Y	208-230/3/60	95.6	490	2	3700	13.2	132.7	225
	HT4B -B	6HE-28-2NU-Y	460/3/60	43.2	245	2	3700	6.2	60.2	100
	HT5B -B	6HE-28-5PU-Y	575/3/60	34.6	196	2	3700	5.0	48.3	80
KVS031L 6/8 -	HT3B -B	6GE-34-2NU-Y	208-230/3/60	104.3	490	2	3700	13.2	143.6	225
	HT4B -B	6GE-34-2NU-Y	460/3/60	47.1	245	2	3700	6.2	65.1	110
	HT5B -B	6GE-34-5PU-Y	575/3/60	37.1	196	2	3700	5.0	51.4	80
KVS041L 6/8 -	HT3B -B	6FE-44-2NU-Y	208-230/3/60	120.1	700	3	5550	19.8	169.9	250
	HT4B -B	6FE-44-2NU-Y	460/3/60	54.3	350	3	5550	9.3	77.2	125
	HT5B -B	6FE-44-5PU-Y	575/3/60	43.6	280	3	5550	7.5	62.0	100
KVS013D 6/8 -	HT3B -B	4NES-14-2NU-Y	208-230/3/60	49.0	252	1	900	4.9	66.2	110
	HT4B -B	4NES-14-2NU-Y	460/3/60	22.1	126	1	900	2.2	29.8	50
	HT5B -B	4NES-14-5PU-Y	575/3/60	17.7	101	1	900	2.1	24.2	40
KVS016D 6/8 -	HT3B -B	4HE-18-2NU-Y	208-230/3/60	66.7	352	2	1800	9.8	93.2	150
	HT4B -B	4HE-18-2NU-Y	460/3/60	30.1	176	2	1800	4.4	42.0	70
	HT5B -B	4HE-18-5PU-Y	575/3/60	24.1	140	2	1800	4.2	34.3	50
KVS021D 6/8 -	HT3B -B	4GE-23-2NU-Y	208-230/3/60	71.1	352	2	1800	9.8	98.7	150
	HT4B -B	4GE-23-2NU-Y	460/3/60	32.1	176	2	1800	4.4	44.5	70
	HT5B -B	4GE-23-5PU-Y	575/3/60	25.7	140	2	1800	4.2	36.3	60
KVS026D 6/8 -	HT3B -B	6HE-28-2NU-Y	208-230/3/60	95.6	490	2	1800	9.8	129.3	200
	HT4B -B	6HE-28-2NU-Y	460/3/60	43.2	245	2	1800	4.4	58.4	100
	HT5B -B	6HE-28-5PU-Y	575/3/60	34.6	196	2	1800	4.2	47.5	80
KVS031D 6/8 -	HT3B -B	6GE-34-2NU-Y	208-230/3/60	104.3	490	2	1800	9.8	140.2	225
	HT4B -B	6GE-34-2NU-Y	460/3/60	47.1	245	2	1800	4.4	63.3	110
	HT5B -B	6GE-34-5PU-Y	575/3/60	37.1	196	2	1800	4.2	50.6	80

CONDENSING UNIT MODEL	COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		CONDENSER FAN MTR.			UNIT		
			RLA	LRA	QTY	WATTS	FLA	MCA	MOP	
KVD031H8-	HT3B -B	4PES-15-2NU-Y	208-230/3/60	60.0	294	4	7400	26.4	161.4	200
	HT4B -B	4PES-15-2NU-Y	460/3/60	27.1	147	4	7400	12.4	73.4	100
	HT5B -B	4PES-15-5PU-Y	575/3/60	21.8	117	4	7400	10.0	59.1	80
KVD041H8-	HT3B -B	4NES-20-2NU-Y	208-230/3/60	71.1	352	4	7400	26.4	186.4	250
	HT4B -B	4NES-20-2NU-Y	460/3/60	32.1	176	4	7400	12.4	84.6	110
	HT5B -B	4NES-20-5PU-Y	575/3/60	26.3	140	4	7400	10.0	69.2	90
KVD051H8-	HT3B -B	4HE-25-2NU-Y	208-230/3/60	93.2	436	6	11100	39.6	249.3	300
	HT4B -B	4HE-25-2NU-Y	460/3/60	42.1	218	6	11100	18.6	113.3	150
	HT5B -B	4HE-25-5PU-Y	575/3/60	33.6	174	6	11100	15.0	90.6	110
KVD061H8-	HT3B -B	4GE-30-2NU-Y	208-230/3/60	110.6	490	6	11100	39.6	288.5	350
	HT4B -B	4GE-30-2NU-Y	460/3/60	50.0	245	6	11100	18.6	131.1	175
	HT5B -B	4GE-30-5PU-Y	575/3/60	40.0	196	6	11100	15.0	105.0	125
KVD071H8-	HT3B -B	6HE-35-2NU-Y	208-230/3/60	129.5	550	8	14800	52.8	344.2	450
	HT4B -B	6HE-35-2NU-Y	460/3/60	58.6	275	8	14800	24.8	156.7	200
	HT5B -B	6HE-35-5PU-Y	575/3/60	46.4	220	8	14800	20.0	124.4	150
KVD081H8-	HT3B -B	6GE-40-2NU-Y	208-230/3/60	173.8	700	8	14800	52.8	443.9	600
	HT4B -B	6GE-40-2NU-Y	460/3/60	78.6	350	8	14800	24.8	201.7	250
	HT5B -B	6GE-40-5PU-Y	575/3/60	62.9	280	8	14800	20.0	161.5	200
KVD101H8-	HT3B -B	6FE-50-2NU-Y	208-230/3/60	176.9	950	8	14800	52.8	450.8	600
	HT4B -B	6FE-50-2NU-Y	460/3/60	80.0	425	8	14800	24.8	204.8	250
	HT5B -B	6FE-50-5PU-Y	575/3/60	63.6	340	8	14800	20.0	163.1	225
KVD031M8-	HT3B -B	4PES-15-2NU-Y	208-230/3/60	60.0	294	4	7400	26.4	161.4	200
	HT4B -B	4PES-15-2NU-Y	460/3/60	27.1	147	4	7400	12.4	73.4	100
	HT5B -B	4PES-15-5PU-Y	575/3/60	21.8	117	4	7400	10.0	59.1	80
KVD041M8-	HT3B -B	4NES-20-2NU-Y	208-230/3/60	71.1	352	4	7400	26.4	186.4	250
	HT4B -B	4NES-20-2NU-Y	460/3/60	32.1	176	4	7400	12.4	84.6	110
	HT5B -B	4NES-20-5PU-Y	575/3/60	26.3	140	4	7400	10.0	69.2	90
KVD051M8-	HT3B -B	4HE-25-2NU-Y	208-230/3/60	93.2	436	6	11100	39.6	249.3	300
	HT4B -B	4HE-25-2NU-Y	460/3/60	42.1	218	6	11100	18.6	113.3	150
	HT5B -B	4HE-25-5PU-Y	575/3/60	33.6	174	6	11100	15.0	90.6	110
KVD061M8-	HT3B -B	4GE-30-2NU-Y	208-230/3/60	110.6	490	6	11100	39.6	288.5	350
	HT4B -B	4GE-30-2NU-Y	460/3/60	50.0	245	6	11100	18.6	131.1	175
	HT5B -B	4GE-30-5PU-Y	575/3/60	40.0	196	6	11100	15.0	105.0	125
KVD071M8-	HT3B -B	6HE-35-2NU-Y	208-230/3/60	129.5	550	8	14800	52.8	344.2	450
	HT4B -B	6HE-35-2NU-Y	460/3/60	58.6	275	8	14800	24.8	156.7	200
	HT5B -B	6HE-35-5PU-Y	575/3/60	46.4	220	8	14800	20.0	124.4	150
KVD081M8-	HT3B -B	6GE-40-2NU-Y	208-230/3/60	173.8	700	8	14800	52.8	443.9	600
	HT4B -B	6GE-40-2NU-Y	460/3/60	78.6	350	8	14800	24.8	201.7	250
	HT5B -B	6GE-40-5PU-Y	575/3/60	62.9	280	8	14800	20.0	161.5	200
KVD101M8-	HT3B -B	6FE-50-2NU-Y	208-230/3/60	176.9	950	8	14800	52.8	450.8	600
	HT4B -B	6FE-50-2NU-Y	460/3/60	80.0	425	8	14800	24.8	204.8	250
	HT5B -B	6FE-50-5PU-Y	575/3/60	63.6	340	8	14800	20.0	163.1	225
KVD025L 6/8 -	HT3B -B	4NES-14-2NU-Y	208-230/3/60	49.0	252	2	3700	13.2	123.5	150
	HT4B -B	4NES-14-2NU-Y	460/3/60	22.1	126	2	3700	6.2	55.9	70
	HT5B -B	4NES-14-5PU-Y	575/3/60	17.7	101	2	3700	5.0	44.8	60
KVD031L 6/8 -	HT3B -B	4HE-18-2NU-Y	208-230/3/60	66.7	352	4	7400	26.4	176.5	225
	HT4B -B	4HE-18-2NU-Y	460/3/60	30.1	176	4	7400	12.4	80.1	110
	HT5B -B	4HE-18-5PU-Y	575/3/60	24.1	140	4	7400	10.0	64.2	80
KVD041L 6/8 -	HT3B -B	4GE-23-2NU-Y	208-230/3/60	71.1	352	4	7400	26.4	186.4	250
	HT4B -B	4GE-23-2NU-Y	460/3/60	32.1	176	4	7400	12.4	84.6	110
	HT5B -B	4GE-23-5PU-Y	575/3/60	25.7	140	4	7400	10.0	67.8	90
KVD051L 6/8 -	HT3B -B	6HE-28-2NU-Y	208-230/3/60	95.6	490	4	7400	26.4	241.5	300
	HT4B -B	6HE-28-2NU-Y	460/3/60	43.2	245	4	7400	12.4	109.6	150
	HT5B -B	6HE-28-5PU-Y	575/3/60	34.6	196	4	7400	10.0	87.9	110
KVD061L 6/8 -	HT3B -B	6GE-34-2NU-Y	208-230/3/60	104.3	490	4	7400	26.4	261.1	350
	HT4B -B	6GE-34-2NU-Y	460/3/60	47.1	245	4	7400	12.4	118.4	150
	HT5B -B	6GE-34-5PU-Y	575/3/60	37.1	196	4	7400	10.0	93.5	125
KVD081L 6/8 -	HT3B -B	6FE-44-2NU-Y	208-230/3/60	120.1	700	6	11100	39.6	309.8	400
	HT4B -B	6FE-44-2NU-Y	460/3/60	54.3	350	6	11100	18.6	140.8	175
	HT5B -B	6FE-44-5PU-Y	575/3/60	43.6	280	6	11100	15.0	113.1	150
KVD025D 6/8 -	HT3B -B	4NES-14-2NU-Y	208-230/3/60	49.0	252	2	3700	13.2	123.5	150
	HT4B -B	4NES-14-2NU-Y	460/3/60	22.1	126	2	3700	6.2	55.9	70
	HT5B -B	4NES-14-5PU-Y	575/3/60	17.7	101	2	3700	5.0	44.8	60
KVD031D 6/8 -	HT3B -B	4HE-18-2NU-Y	208-230/3/60	66.7	352	4	7400	26.4	176.5	225
	HT4B -B	4HE-18-2NU-Y	460/3/60	30.1	176	4	7400	12.4	80.1	110
	HT5B -B	4HE-18-5PU-Y	575/3/60	24.1	140	4	7400	10.0	64.2	80
KVD041D 6/8 -	HT3B -B	4GE-23-2NU-Y	208-230/3/60	71.1	352	4	7400	26.4	186.4	250
	HT4B -B	4GE-23-2NU-Y	460/3/60	32.1	176	4	7400	12.4	84.6	110
	HT5B -B	4GE-23-5PU-Y	575/3/60	25.7	140	4	7400	10.0	67.8	90
KVD051D 6/8 -	HT3B -B	6HE-28-2NU-Y	208-230/3/60	95.6	490	4	7400	26.4	241.5	300
	HT4B -B	6HE-28-2NU-Y	460/3/60	43.2	245	4	7400	12.4	109.6	150
	HT5B -B	6HE-28-5PU-Y	575/3/60	34.6	196	4	7400	10.0	87.9	110
KVD061D 6/8 -	HT3B -B	6GE-34-2NU-Y	208-230/3/60	104.3	490	4	7400	26.4	261.1	350
	HT4B -B	6GE-34-2NU-Y	460/3/60	47.1	245	4	7400	12.4	118.4	150
	HT5B -B	6GE-34-5PU-Y	575/3/60	37.1	196	4	7400	10.0	93.5	125

**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 -B	4PES-15-2NU-Y	208-230/3/60	60.0	294	2	3700	12.4	87.4	125
	HT4B -B	4PES-15-2NU-Y	460/3/60	27.1	147	2	3700	6.2	40.1	60
	HT5B -B	4PES-15-5PU-Y	575/3/60	21.8	117	2	3700	5.0	32.3	50
KVS021H8-	HT3B -B	4NES-20-2NU-Y	208-230/3/60	71.1	352	2	3700	12.4	101.3	150
	HT4B -B	4NES-20-2NU-Y	460/3/60	32.1	176	2	3700	6.2	46.3	70
	HT5B -B	4NES-20-5PU-Y	575/3/60	26.3	140	2	3700	5.0	37.9	60
KVS026H8-	HT3B -B	4HE-25-2NU-Y	208-230/3/60	93.2	436	3	5550	18.6	135.1	225
	HT4B -B	4HE-25-2NU-Y	460/3/60	42.1	218	3	5550	9.3	61.9	100
	HT5B -B	4HE-25-5PU-Y	575/3/60	33.6	174	3	5550	7.5	49.5	80
KVS031H8-	HT3B -B	4GE-30-2NU-Y	208-230/3/60	110.6	490	3	5550	18.6	156.9	250
	HT4B -B	4GE-30-2NU-Y	460/3/60	50.0	245	3	5550	9.3	71.8	110
	HT5B -B	4GE-30-5PU-Y	575/3/60	40.0	196	3	5550	7.5	57.5	90
KVS036H8-	HT3B -B	6HE-35-2NU-Y	208-230/3/60	129.5	550	4	7400	24.8	186.7	300
	HT4B -B	6HE-35-2NU-Y	460/3/60	58.6	275	4	7400	12.4	85.7	125
	HT5B -B	6HE-35-5PU-Y	575/3/60	46.4	220	4	7400	10.0	68.0	110
KVS041H8-	HT3B -B	6GE-40-2NU-Y	208-230/3/60	173.8	700	4	7400	24.8	242.1	400
	HT4B -B	6GE-40-2NU-Y	460/3/60	78.6	350	4	7400	12.4	110.7	175
	HT5B -B	6GE-40-5PU-Y	575/3/60	62.9	280	4	7400	10.0	88.6	150
KVS051H8-	HT3B -B	6FE-50-2NU-Y	208-230/3/60	176.9	950	4	7400	24.8	245.9	400
	HT4B -B	6FE-50-2NU-Y	460/3/60	80.0	425	4	7400	12.4	112.4	175
	HT5B -B	6FE-50-5PU-Y	575/3/60	63.6	340	4	7400	10.0	89.5	150
KVS016M8-	HT3B -B	4PES-15-2NU-Y	208-230/3/60	60.0	294	2	3700	12.4	87.4	125
	HT4B -B	4PES-15-2NU-Y	460/3/60	27.1	147	2	3700	6.2	40.1	60
	HT5B -B	4PES-15-5PU-Y	575/3/60	21.8	117	2	3700	5.0	32.3	50
KVS021M8-	HT3B -B	4NES-20-2NU-Y	208-230/3/60	71.1	352	2	3700	12.4	101.3	150
	HT4B -B	4NES-20-2NU-Y	460/3/60	32.1	176	2	3700	6.2	46.3	70
	HT5B -B	4NES-20-5PU-Y	575/3/60	26.3	140	2	3700	5.0	37.9	60
KVS026M8-	HT3B -B	4HE-25-2NU-Y	208-230/3/60	93.2	436	3	5550	18.6	135.1	225
	HT4B -B	4HE-25-2NU-Y	460/3/60	42.1	218	3	5550	9.3	61.9	100
	HT5B -B	4HE-25-5PU-Y	575/3/60	33.6	174	3	5550	7.5	49.5	80
KVS031M8-	HT3B -B	4GE-30-2NU-Y	208-230/3/60	110.6	490	3	5550	18.6	156.9	250
	HT4B -B	4GE-30-2NU-Y	460/3/60	50.0	245	3	5550	9.3	71.8	110
	HT5B -B	4GE-30-5PU-Y	575/3/60	40.0	196	3	5550	7.5	57.5	90
KVS036M8-	HT3B -B	6HE-35-2NU-Y	208-230/3/60	129.5	550	4	7400	24.8	186.7	300
	HT4B -B	6HE-35-2NU-Y	460/3/60	58.6	275	4	7400	12.4	85.7	125
	HT5B -B	6HE-35-5PU-Y	575/3/60	46.4	220	4	7400	10.0	68.0	110
KVS041M8-	HT3B -B	6GE-40-2NU-Y	208-230/3/60	173.8	700	4	7400	24.8	242.1	400
	HT4B -B	6GE-40-2NU-Y	460/3/60	78.6	350	4	7400	12.4	110.7	175
	HT5B -B	6GE-40-5PU-Y	575/3/60	62.9	280	4	7400	10.0	88.6	150
KVS051M8-	HT3B -B	6FE-50-2NU-Y	208-230/3/60	176.9	950	4	7400	24.8	245.9	400
	HT4B -B	6FE-50-2NU-Y	460/3/60	80.0	425	4	7400	12.4	112.4	175
	HT5B -B	6FE-50-5PU-Y	575/3/60	63.6	340	4	7400	10.0	89.5	150
KVS013L 6/8 -	HT3B -B	4NES-14-2NU-Y	208-230/3/60	49.0	252	1	1850	6.2	67.5	110
	HT4B -B	4NES-14-2NU-Y	460/3/60	22.1	126	1	1850	3.1	30.7	50
	HT5B -B	4NES-14-5PU-Y	575/3/60	17.7	101	1	1850	2.5	24.6	40
KVS016L 6/8 -	HT3B -B	4HE-18-2NU-Y	208-230/3/60	66.7	352	2	3700	12.4	95.8	150
	HT4B -B	4HE-18-2NU-Y	460/3/60	30.1	176	2	3700	6.2	43.8	70
	HT5B -B	4HE-18-5PU-Y	575/3/60	24.1	140	2	3700	5.0	35.1	50
KVS021L 6/8 -	HT3B -B	4GE-23-2NU-Y	208-230/3/60	71.1	352	2	3700	12.4	101.3	150
	HT4B -B	4GE-23-2NU-Y	460/3/60	32.1	176	2	3700	6.2	46.3	70
	HT5B -B	4GE-23-5PU-Y	575/3/60	25.7	140	2	3700	5.0	37.1	60
KVS026L 6/8 -	HT3B -B	6HE-28-2NU-Y	208-230/3/60	95.6	490	2	3700	12.4	131.9	225
	HT4B -B	6HE-28-2NU-Y	460/3/60	43.2	245	2	3700	6.2	60.2	100
	HT5B -B	6HE-28-5PU-Y	575/3/60	34.6	196	2	3700	5.0	48.3	80
KVS031L 6/8 -	HT3B -B	6GE-34-2NU-Y	208-230/3/60	104.3	490	2	3700	12.4	142.8	225
	HT4B -B	6GE-34-2NU-Y	460/3/60	47.1	245	2	3700	6.2	65.1	110
	HT5B -B	6GE-34-5PU-Y	575/3/60	37.1	196	2	3700	5.0	51.4	80
KVS041L 6/8 -	HT3B -B	6FE-44-2NU-Y	208-230/3/60	120.1	700	3	5550	18.6	168.7	250
	HT4B -B	6FE-44-2NU-Y	460/3/60	54.3	350	3	5550	9.3	77.2	125
	HT5B -B	6FE-44-5PU-Y	575/3/60	43.6	280	3	5550	7.5	62.0	100

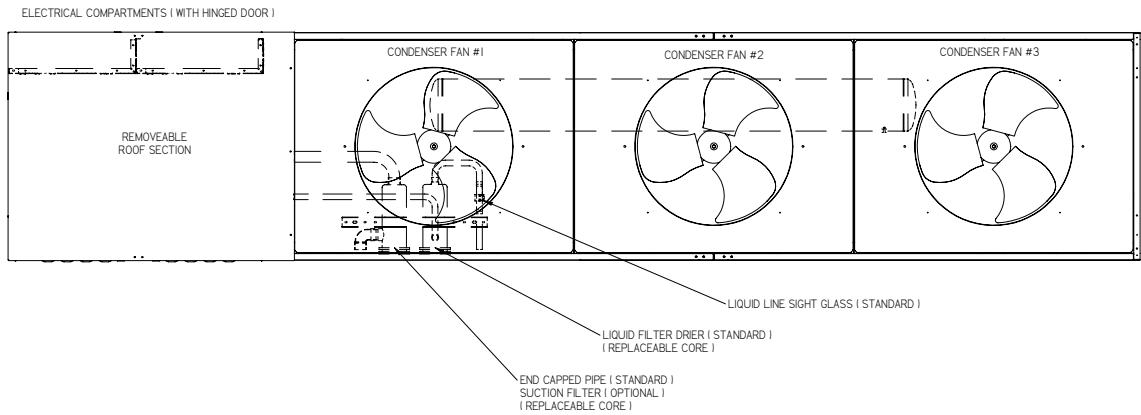
\*\* = 575V units use a 230V motor with a transformer

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

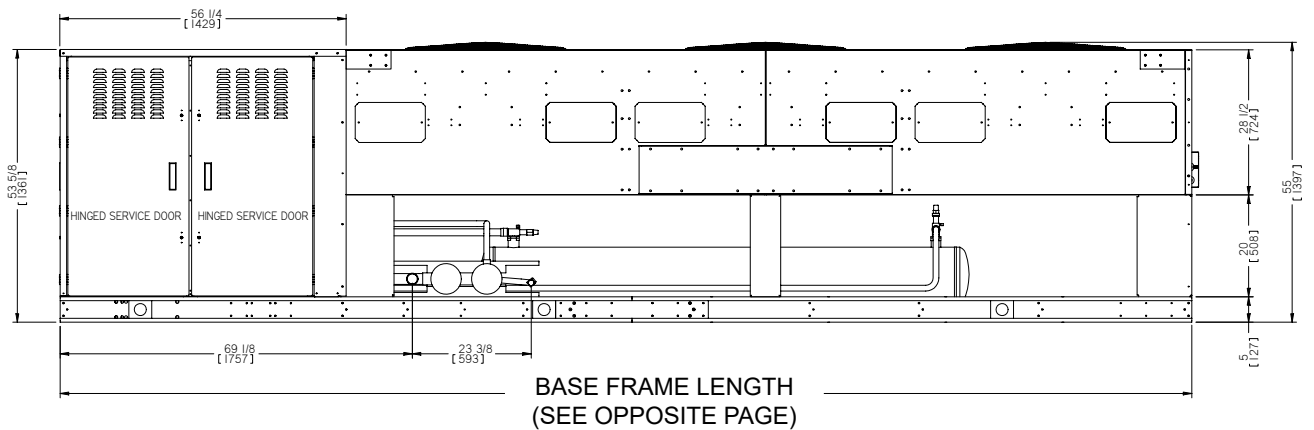
CONDENSING UNIT MODEL	COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		CONDENSER FAN MTR. **			UNIT		
			RLA	LRA	QTY	WATTS	FLA	MCA	MOP	
KVD031H8-	HT3B -B	4PES-15-2NU-Y	208-230/3/60	60.0	294	4	7400	24.8	159.8	200
	HT4B -B	4PES-15-2NU-Y	460/3/60	27.1	147	4	7400	12.4	73.4	100
	HT5B -B	4PES-15-5PU-Y	575/3/60	21.8	117	4	7400	10.0	59.1	80
KVD041H8-	HT3B -B	4NES-20-2NU-Y	208-230/3/60	71.1	352	4	7400	24.8	184.8	250
	HT4B -B	4NES-20-2NU-Y	460/3/60	32.1	176	4	7400	12.4	84.6	110
	HT5B -B	4NES-20-5PU-Y	575/3/60	26.3	140	4	7400	10.0	69.2	90
KVD051H8-	HT3B -B	4HE-25-2NU-Y	208-230/3/60	93.2	436	6	11100	37.2	246.9	300
	HT4B -B	4HE-25-2NU-Y	460/3/60	42.1	218	6	11100	18.6	113.3	150
	HT5B -B	4HE-25-5PU-Y	575/3/60	33.6	174	6	11100	15.0	90.6	110
KVD061H8-	HT3B -B	4GE-30-2NU-Y	208-230/3/60	110.6	490	6	11100	37.2	286.1	350
	HT4B -B	4GE-30-2NU-Y	460/3/60	50.0	245	6	11100	18.6	131.1	175
	HT5B -B	4GE-30-5PU-Y	575/3/60	40.0	196	6	11100	15.0	105.0	125
KVD071H8-	HT3B -B	6HE-35-2NU-Y	208-230/3/60	129.5	550	8	14800	49.6	341.0	450
	HT4B -B	6HE-35-2NU-Y	460/3/60	58.6	275	8	14800	24.8	156.7	200
	HT5B -B	6HE-35-5PU-Y	575/3/60	46.4	220	8	14800	20.0	124.4	150
KVD081H8-	HT3B -B	6GE-40-2NU-Y	208-230/3/60	173.8	700	8	14800	49.6	440.7	600
	HT4B -B	6GE-40-2NU-Y	460/3/60	78.6	350	8	14800	24.8	201.7	250
	HT5B -B	6GE-40-5PU-Y	575/3/60	62.9	280	8	14800	20.0	161.5	200
KVD101H8-	HT3B -B	6FE-50-2NU-Y	208-230/3/60	176.9	950	8	14800	49.6	447.6	600
	HT4B -B	6FE-50-2NU-Y	460/3/60	80.0	425	8	14800	24.8	204.8	250
	HT5B -B	6FE-50-5PU-Y	575/3/60	63.6	340	8	14800	20.0	163.1	225
KVD031M8-	HT3B -B	4PES-15-2NU-Y	208-230/3/60	60.0	294	4	7400	24.8	159.8	200
	HT4B -B	4PES-15-2NU-Y	460/3/60	27.1	147	4	7400	12.4	73.4	100
	HT5B -B	4PES-15-5PU-Y	575/3/60	21.8	117	4	7400	10.0	59.1	80
KVD041M8-	HT3B -B	4NES-20-2NU-Y	208-230/3/60	71.1	352	4	7400	24.8	184.8	250
	HT4B -B	4NES-20-2NU-Y	460/3/60	32.1	176	4	7400	12.4	84.6	110
	HT5B -B	4NES-20-5PU-Y	575/3/60	26.3	140	4	7400	10.0	69.2	90
KVD051M8-	HT3B -B	4HE-25-2NU-Y	208-230/3/60	93.2	436	6	11100	37.2	246.9	300
	HT4B -B	4HE-25-2NU-Y	460/3/60	42.1	218	6	11100	18.6	113.3	150
	HT5B -B	4HE-25-5PU-Y	575/3/60	33.6	174	6	11100	15.0	90.6	110
KVD061M8-	HT3B -B	4GE-30-2NU-Y	208-230/3/60	110.6	490	6	11100	37.2	286.1	350
	HT4B -B	4GE-30-2NU-Y	460/3/60	50.0	245	6	11100	18.6	131.1	175
	HT5B -B	4GE-30-5PU-Y	575/3/60	40.0	196	6	11100	15.0	105.0	125
KVD071M8-	HT3B -B	6HE-35-2NU-Y	208-230/3/60	129.5	550	8	14800	49.6	341.0	450
	HT4B -B	6HE-35-2NU-Y	460/3/60	58.6	275	8	14800	24.8	156.7	200
	HT5B -B	6HE-35-5PU-Y	575/3/60	46.4	220	8	14800	20.0	124.4	150
KVD081M8-	HT3B -B	6GE-40-2NU-Y	208-230/3/60	173.8	700	8	14800	49.6	440.7	600
	HT4B -B	6GE-40-2NU-Y	460/3/60	78.6	350	8	14800	24.8	201.7	250
	HT5B -B	6GE-40-5PU-Y	575/3/60	62.9	280	8	14800	20.0	161.5	200
KVD101M8-	HT3B -B	6FE-50-2NU-Y	208-230/3/60	176.9	950	8	14800	49.6	447.6	600
	HT4B -B	6FE-50-2NU-Y	460/3/60	80.0	425	8	14800	24.8	204.8	250
	HT5B -B	6FE-50-5PU-Y	575/3/60	63.6	340	8	14800	20.0	163.1	225
KVD025L 6/8 -	HT3B -B	4NES-14-2NU-Y	208-230/3/60	49.0	252	2	3700	12.4	122.7	150
	HT4B -B	4NES-14-2NU-Y	460/3/60	22.1	126	2	3700	6.2	55.9	70
	HT5B -B	4NES-14-5PU-Y	575/3/60	17.7	101	2	3700	5.0	44.8	60
KVD031L 6/8 -	HT3B -B	4HE-18-2NU-Y	208-230/3/60	66.7	352	4	7400	24.8	174.9	225
	HT4B -B	4HE-18-2NU-Y	460/3/60	30.1	176	4	7400	12.4	80.1	110
	HT5B -B	4HE-18-5PU-Y	575/3/60	24.1	140	4	7400	10.0	64.2	80
KVD041L 6/8 -	HT3B -B	4GE-23-2NU-Y	208-230/3/60	71.1	352	4	7400	24.8	184.8	250
	HT4B -B	4GE-23-2NU-Y	460/3/60	32.1	176	4	7400	12.4	84.6	110
	HT5B -B	4GE-23-5PU-Y	575/3/60	25.7	140	4	7400	10.0	67.8	90
KVD051L 6/8 -	HT3B -B	6HE-28-2NU-Y	208-230/3/60	95.6	490	4	7400	24.8	239.9	300
	HT4B -B	6HE-28-2NU-Y	460/3/60	43.2	245	4	7400	12.4	109.6	150
	HT5B -B	6HE-28-5PU-Y	575/3/60	34.6	196	4	7400	10.0	87.9	110
KVD061L 6/8 -	HT3B -B	6GE-34-2NU-Y	208-230/3/60	104.3	490	4	7400	24.8	259.5	350
	HT4B -B	6GE-34-2NU-Y	460/3/60	47.1	245	4	7400	12.4	118.4	150
	HT5B -B	6GE-34-5PU-Y	575/3/60	37.1	196	4	7400	10.0	93.5	125
KVD081L 6/8 -	HT3B -B	6FE-44-2NU-Y	208-230/3/60	120.1	700	6	11100	37.2	307.4	400
	HT4B -B	6FE-44-2NU-Y	460/3/60	54.3	350	6	11100	18.6	140.8	175
	HT5B -B	6FE-44-5PU-Y	575/3/60	43.6	280	6	11100	15.0	113.1	150

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

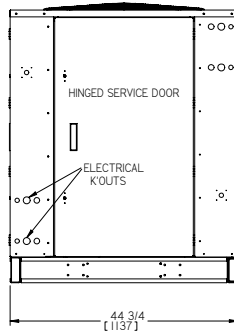
TOP VIEW



SIDE VIEW



COMPRESSOR-END VIEW

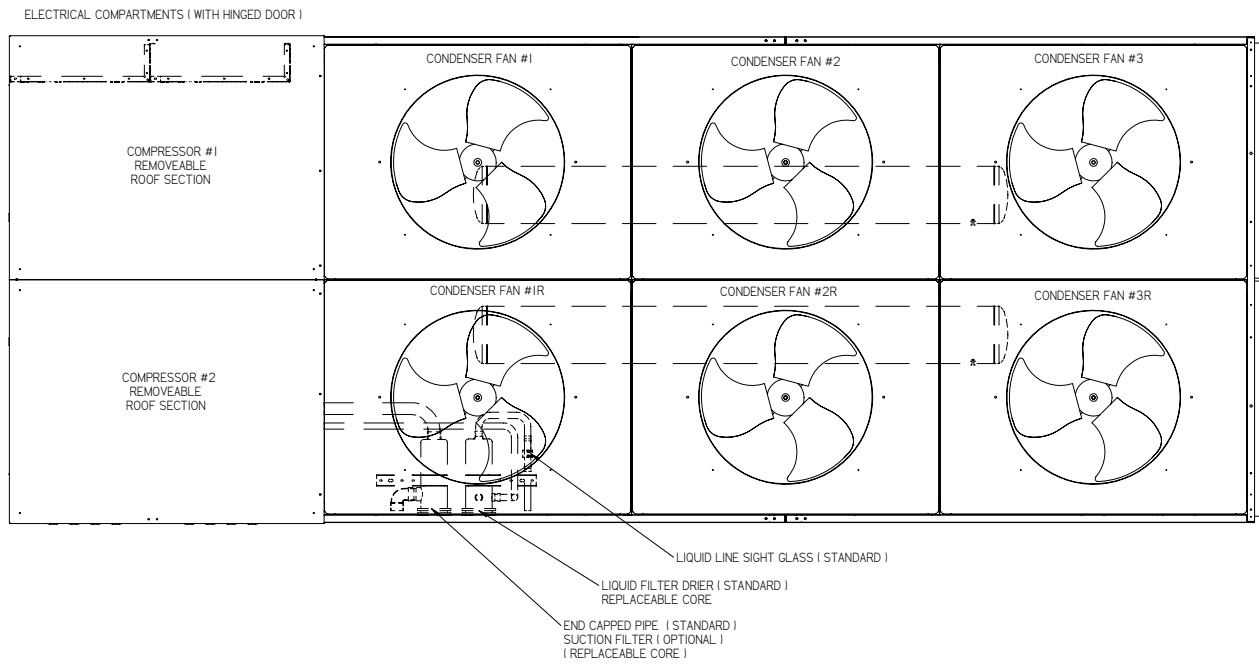


**KVS-B**  
BITZER

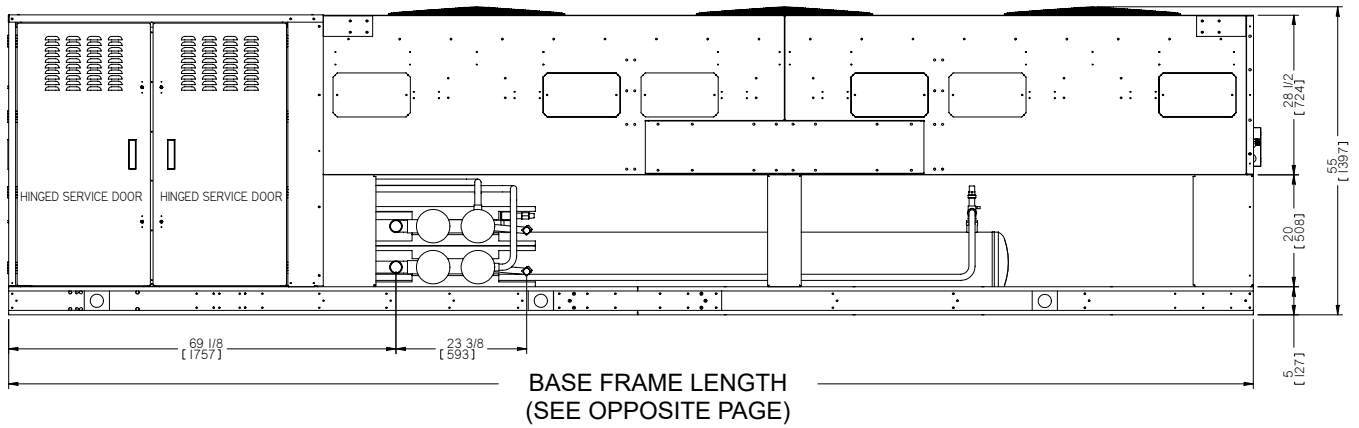
**HIGH EFFICIENCY MODELS**

CONDENSING UNIT MODEL	BASE FRAME LENGTH	
	inches	mm
KVS016H8-H**B-B	167 3/8	4251
KVS021H8-H**B-B	167 3/8	4251
KVS026H8-H**B-B	222 3/8	5648
KVS031H8-H**B-B	222 3/8	5648
KVS036H8-H**B-B	277 3/8	7045
KVS041H8-H**B-B	277 3/8	7045
KVS051H8-H**B-B	277 3/8	7045
KVS041L6-H**B-B	222 3/8	5648
KVS016M8-H**B-B	167 3/8	4251
KVS021M8-H**B-B	167 3/8	4251
KVS026M8-H**B-B	222 3/8	5648
KVS031M8-H**B-B	222 3/8	5648
KVS036M8-H**B-B	277 3/8	7045
KVS041M8-H**B-B	277 3/8	7045
KVS051M8-H**B-B	277 3/8	7045
KVS013L 6/8 -H**B-B	112 3/8	2854
KVS016L 6/8 -H**B-B	167 3/8	4251
KVS021L 6/8 -H**B-B	167 3/8	4251
KVS026L 6/8 -H**B-B	167 3/8	4251
KVS031L 6/8 -H**B-B	167 3/8	4251
KVS013D 6/8 -H**B-B	112 3/8	2854
KVS016D 6/8 -H**B-B	167 3/8	4251
KVS021D 6/8 -H**B-B	167 3/8	4251
KVS026D 6/8 -H**B-B	167 3/8	4251
KVS031D 6/8 -H**B-B	167 3/8	4251

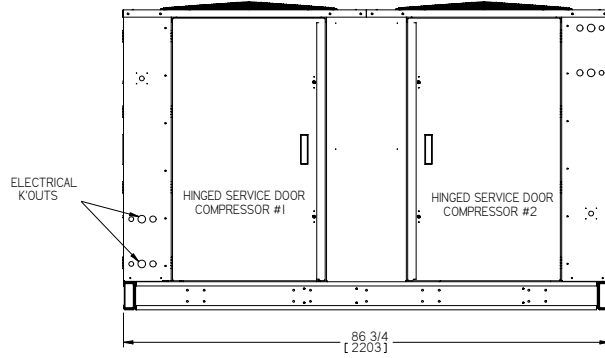
TOP VIEW



SIDE VIEW



COMPRESSOR-END VIEW



**KVS-B  
BITZER**

**HIGH EFFICIENCY MODELS**

CONDENSING UNIT MODEL	BASE FRAME LENGTH	
	inches	mm
KVD031H8-H**B-B	167 3/8	4251
KVD041H8-H**B-B	167 3/8	4251
KVD051H8-H**B-B	222 3/8	5648
KVD061H8-H**B-B	222 3/8	5648
KVD071H8-H**B-B	277 3/8	7045
KVD081H8-H**B-B	277 3/8	7045
KVD101H8-H**B-B	277 3/8	7045
KVD031M8-H**B-B	167 3/8	4251
KVD041M8-H**B-B	167 3/8	4251
KVD051M8-H**B-B	222 3/8	5648
KVD061M8-H**B-B	222 3/8	5648
KVD071M8-H**B-B	277 3/8	7045
KVD081M8-H**B-B	277 3/8	7045
KVD101M8-H**B-B	277 3/8	7045
KVD025L 6/8 -H**B-B	112 3/8	2854
KVD031L 6/8 -H**B-B	167 3/8	4251
KVD041L 6/8 -H**B-B	167 3/8	4251
KVD051L 6/8 -H**B-B	167 3/8	4251
KVD061L 6/8 -H**B-B	167 3/8	4251
KVD081L 6/8 -H**B-B	222 3/8	5648
KVD025D 6/8 -H**B-B	112 3/8	2854
KVD031D 6/8 -H**B-B	167 3/8	4251
KVD041D 6/8 -H**B-B	167 3/8	4251
KVD051D 6/8 -H**B-B	167 3/8	4251
KVD061D 6/8 -H**B-B	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-B	2	1 5/8	41	7/8	22	124	56.3	2190	995
KVS021H8-H**B-B	2	1 5/8	41	7/8	22	124	56.3	2275	1034
KVS026H8-H**B-B	3	2 1/8	54	1 1/8	29	157	71.2	2870	1304
KVS031H8-H**B-B	3	2 1/8	54	1 1/8	29	189	85.8	3025	1375
KVS036H8-H**B-B	4	2 1/8	54	1 1/8	29	254	115.3	3615	1643
KVS041H8-H**B-B	4	2 1/8	54	1 3/8	35	254	115.3	3810	1732
KVS051H8-H**B-B	4	2 1/8	54	1 3/8	35	254	115.3	3815	1734
KVS016M8-H**B-B	2	1 5/8	41	7/8	22	124	56.3	2195	998
KVS021M8-H**B-B	2	1 5/8	41	7/8	22	124	56.3	2270	1032
KVS026M8-H**B-B	3	2 1/8	54	1 1/8	29	157	71.2	2875	1307
KVS031M8-H**B-B	3	2 1/8	54	1 1/8	29	189	85.8	3035	1379
KVS036M8-H**B-B	4	2 1/8	54	1 1/8	29	254	115.3	3615	1643
KVS041M8-H**B-B	4	2 1/8	54	1 1/8	29	254	115.3	3770	1713
KVS051M8-H**B-B	4	2 1/8	54	1 1/8	29	254	115.3	3780	1718
KVS013L 6/8 -H**B-B	1	1 3/8	35	5/8	16	124	56.3	1695	770
KVS016L 6/8 -H**B-B	2	1 5/8	41	7/8	22	124	56.3	2285	1039
KVS021L 6/8 -H**B-B	2	2 1/8	54	7/8	22	124	56.3	2355	1070
KVS026L 6/8 -H**B-B	2	2 1/8	54	1 1/8	29	157	71.2	2545	1157
KVS031L 6/8 -H**B-B	2	2 1/8	54	1 1/8	29	157	71.2	2565	1166
KVS041L 6/8 -H**B-B	3	2 1/8	54	1 1/8	29	189	85.8	3000	1363
KVS013D 6/8 -H**B-B	1	1 3/8	35	5/8	16	124	56.3	1695	770
KVS016D 6/8 -H**B-B	2	1 5/8	41	7/8	22	124	56.3	2285	1039
KVS021D 6/8 -H**B-B	2	2 1/8	54	7/8	22	124	56.3	2355	1070
KVS026D 6/8 -H**B-B	2	2 1/8	54	1 1/8	29	157	71.2	2545	1157
KVS031D 6/8 -H**B-B	2	2 1/8	54	1 1/8	29	157	71.2	2565	1166

**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-B	2	1 5/8	41	7/8	22	124	56.3	3925	1784
KVD041H8-H**B-B	2	1 5/8	41	7/8	22	124	56.3	4095	1861
KVD051H8-H**B-B	3	2 1/8	54	1 1/8	29	157	71.2	5185	2357
KVD061H8-H**B-B	3	2 1/8	54	1 1/8	29	189	85.8	5485	2493
KVD071H8-H**B-B	4	2 1/8	54	1 1/8	29	254	115.3	6530	2968
KVD081H8-H**B-B	4	2 1/8	54	1 3/8	35	254	115.3	6900	3136
KVD101H8-H**B-B	4	2 1/8	54	1 3/8	35	254	115.3	6920	3145
KVD031M8-H**B-B	2	1 5/8	41	7/8	22	124	56.3	3935	1788
KVD041M8-H**B-B	2	1 5/8	41	7/8	22	124	56.3	4080	1854
KVD051M8-H**B-B	3	2 1/8	54	1 1/8	29	157	71.2	5190	2359
KVD061M8-H**B-B	3	2 1/8	54	1 1/8	29	189	85.8	5500	2500
KVD071M8-H**B-B	4	2 1/8	54	1 1/8	29	254	115.3	6535	2970
KVD081M8-H**B-B	4	2 1/8	54	1 1/8	29	254	115.3	6825	3102
KVD101M8-H**B-B	4	2 1/8	54	1 1/8	29	254	115.3	6845	3111
KVD025L 6/8 -H**B-B	1	1 3/8	35	5/8	16	124	56.3	3010	1368
KVD031L 6/8 -H**B-B	2	1 5/8	41	7/8	22	124	56.3	4115	1870
KVD041L 6/8 -H**B-B	2	2 1/8	54	7/8	22	124	56.3	4255	1934
KVD051L 6/8 -H**B-B	2	2 1/8	54	1 1/8	29	157	71.2	4635	2107
KVD061L 6/8 -H**B-B	2	2 1/8	54	1 1/8	29	157	71.2	4675	2125
KVD081L 6/8 -H**B-B	3	2 1/8	54	1 1/8	29	189	85.8	5445	2475
KVD025D 6/8 -H**B-B	1	1 3/8	35	5/8	16	124	56.3	3010	1368
KVD031D 6/8 -H**B-B	2	1 5/8	41	7/8	22	124	56.3	4115	1870
KVD041D 6/8 -H**B-B	2	2 1/8	54	7/8	22	124	56.3	4255	1934
KVD051D 6/8 -H**B-B	2	2 1/8	54	1 1/8	29	157	71.2	4635	2107
KVD061D 6/8 -H**B-B	2	2 1/8	54	1 1/8	29	157	71.2	4675	2125

\* 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 BITZER 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	R407A	R448A	R407C
	R507		R449A	
KVS016H8-B	7.6	7.6	7.6	-
KVS021H8-B	7.6	7.6	7.6	7.6
KVS026H8-B	7.6	7.6	7.6	-
KVS031H8-B	7.6	7.6	7.6	7.6
KVS036H8-B	7.6	7.6	7.6	-
KVS041H8-B	7.6	7.6	7.6	7.6
KVD031H8-B	7.6	7.6	7.6	-
KVD041H8-B	7.6	7.6	7.6	7.6
KVD051H8-B	7.6	7.6	7.6	-
KVD061H8-B	7.6	7.6	7.6	7.6
KVD071H8-B	7.6	7.6	7.6	-
KVD081H8-B	7.6	7.6	7.6	7.6
KVS016M8-B	7.6	7.6	7.6	-
KVS021M8-B	7.6	7.6	7.6	7.6
KVS026M8-B	7.6	7.6	7.6	7.6
KVS031M8-B	7.6	7.6	7.6	7.6
KVS036M8-B	7.6	7.6	7.6	7.6
KVS041M8-B	7.6	7.6	7.6	7.6
KVS051M8-B	7.6	7.6	7.6	7.6
KVD031M8-B	7.6	7.6	7.6	-
KVD041M8-B	7.6	7.6	7.6	7.6
KVD051M8-B	7.6	7.6	7.6	7.6
KVD061M8-B	7.6	7.6	7.6	7.6
KVD071M8-B	7.6	7.6	7.6	7.6
KVD081M8-B	7.6	7.6	7.6	7.6
KVD101M8-B	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	R407A	R448A	R407C
	R507		R449A	
KVS013L*-B	-	-	-	-
KVS016L*-B	-	-	-	-
KVS021L*-B	-	-	-	-
KVS026L*-B	-	-	-	-
KVS031L*-B	-	-	-	-
KVS041L*-B	-	-	-	-
KVD025L*-B	-	-	-	-
KVD031L*-B	-	-	-	-
KVD041L*-B	-	-	-	-
KVD051L*-B	-	-	-	-
KVD061L*-B	-	-	-	-
KVD081L*-B	-	-	-	-
KVS013D*-B	3.15	3.15	3.15	-
KVS016D*-B	3.15	3.15	3.15	-
KVS021D*-B	3.15	3.15	3.15	-
KVS026D*-B	3.15	3.15	3.15	-
KVS031D*-B	3.15	3.15	3.15	-
KVS041D*-B	-	-	-	-
KVD025D*-B	3.15	3.15	3.15	-
KVD031D*-B	3.15	3.15	3.15	-
KVD041D*-B	3.15	3.15	3.15	-
KVD051D*-B	3.15	3.15	3.15	-
KVD061D*-B	3.15	3.15	3.15	-
KVD081D*-B	-	-	-	-

— = Non-compliant model

**FOR WIRING DIAGRAMS  
FOR HIGH EFFICIENCY MODELS,  
REFER TO PAGES 65-70**

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

# PRODUCT SUPPORT RESOURCES



PRODUCT SUPPORT

*web:* [www.k-rp.com/kv](http://www.k-rp.com/kv)  
*email:* [mdcu-lgcu@k-rp.com](mailto:mdcu-lgcu@k-rp.com)  
*call:* 1-844-893-3222 x522



TROUBLESHOOTING

*email:* [troubleshooting@k-rp.com](mailto:troubleshooting@k-rp.com)  
*call:* 1-844-893-3222 x529



SERVICE PARTS

*web:* [www.k-rp.com/parts](http://www.k-rp.com/parts)  
*email:* [parts@k-rp.com](mailto:parts@k-rp.com)  
*call:* 1-844-893-3222 x504



WARRANTY

*web:* [www.k-rp.com/warranty](http://www.k-rp.com/warranty)  
*email:* [warranty@k-rp.com](mailto:warranty@k-rp.com)  
*call:* 1-844-893-3222 x507



ORDERS

*email:* [orders@k-rp.com](mailto:orders@k-rp.com)  
*call:* 1-844-893-3222 x501



SHIPPING

*email:* [shipping@k-rp.com](mailto:shipping@k-rp.com)  
*call:* 1-844-893-3222 x503



KeepRite Refrigeration  
Brantford, ON • Longview, TX  
1-800-463-9517 [info@k-rp.com](mailto:info@k-rp.com) [www.k-rp.com](http://www.k-rp.com)

