



## PRODUCT DATA & SPECIFICATIONS

Bulletin T40-TV-A-PDS-24

Part # 1073951-A



PRODUCT SUPPORT  
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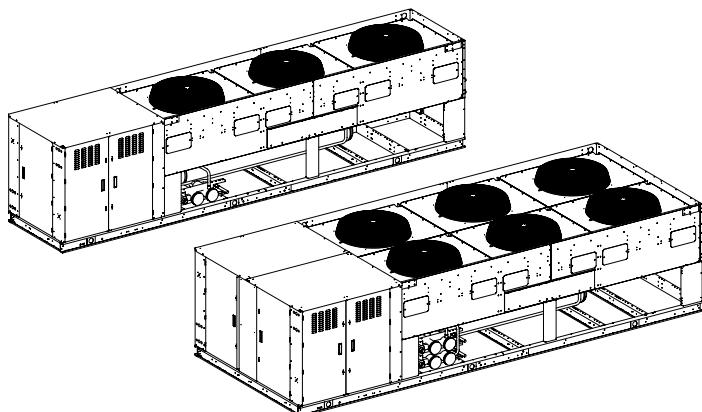
# TV-Line Condensing Units

Copeland  
Compressor Models

**60**  
Hz

### Outdoor Air-Cooled Condensing Units

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



INCLUDES RATINGS FOR  
**LOW GWP**  
REFRIGERANTS

**LIMITROL +**

FLOATING HEAD PRESSURE CONTROL SYSTEM  
See Page 5 for details

THIS DOCUMENT CONTAINS DATA FOR UNITS EQUIPPED WITH COPELAND COMPRESSORS.  
FOR UNITS WITH BITZER COMPRESSORS, PLEASE SEE BULLETIN T40-TV-B-PDS-24

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# NOMENCLATURE

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

**Trenton Vertical Air Flow Condensing Unit**

TVS = Single Compressor/Single Condenser Unit  
TVD = Dual Compressor/Dual Condenser Unit

**Total HP**

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

**Application**

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

**Refrigerant**

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

**Enclosure**

H = Outdoor

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

**Compressor**

A = Copeland Discus Semi-Hermetic  
For BITZER models, please see:  
T40-TV-B-PDS-24

**Series Generation**

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

**Electrical Designation**

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

\* Subject to compressor availability

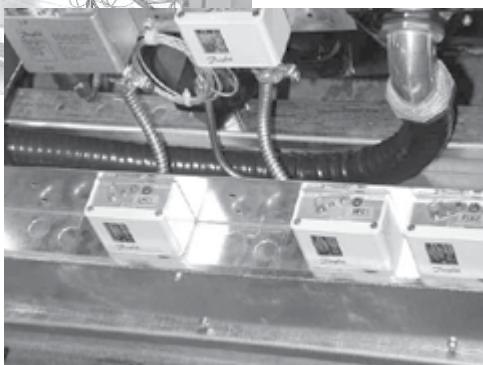
## FEATURES



**Electrical panel**



**Pre-formed internal piping**



**Raceway for pressure control connections**



**Sub cooler circuit on medium and low temperature models**

- Compatible with Low GWP Refrigerants
- Units are **cUL<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

## HIGH EFFICIENCY MODELS

### FEATURES

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

**Factory installed Options include:**

- Suction line vibration eliminator
- Suction accumulator  
(with or without heat exchanger)
- Replaceable suction filter
- Insulated suction lines.
- Crankcase Pressure Regulating valve
- Compressor capacity control (cylinder unloading on 4D-6D-6F compressors or Moduload™ on 3D compressor)
- Discharge line check valve
- Hot gas bypass tees / regulating valves / de-superheating TXV
- Oil separator
- Discharge line thermostat
- Variable speed EC motors only as head pressure control (see Bulletin T40-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 T40-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 TVS030L6 with capacity **119.1 MBH**.

**SELECTION OF TWO-COMPRESSOR UNITS:**

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

Standard TVD 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.

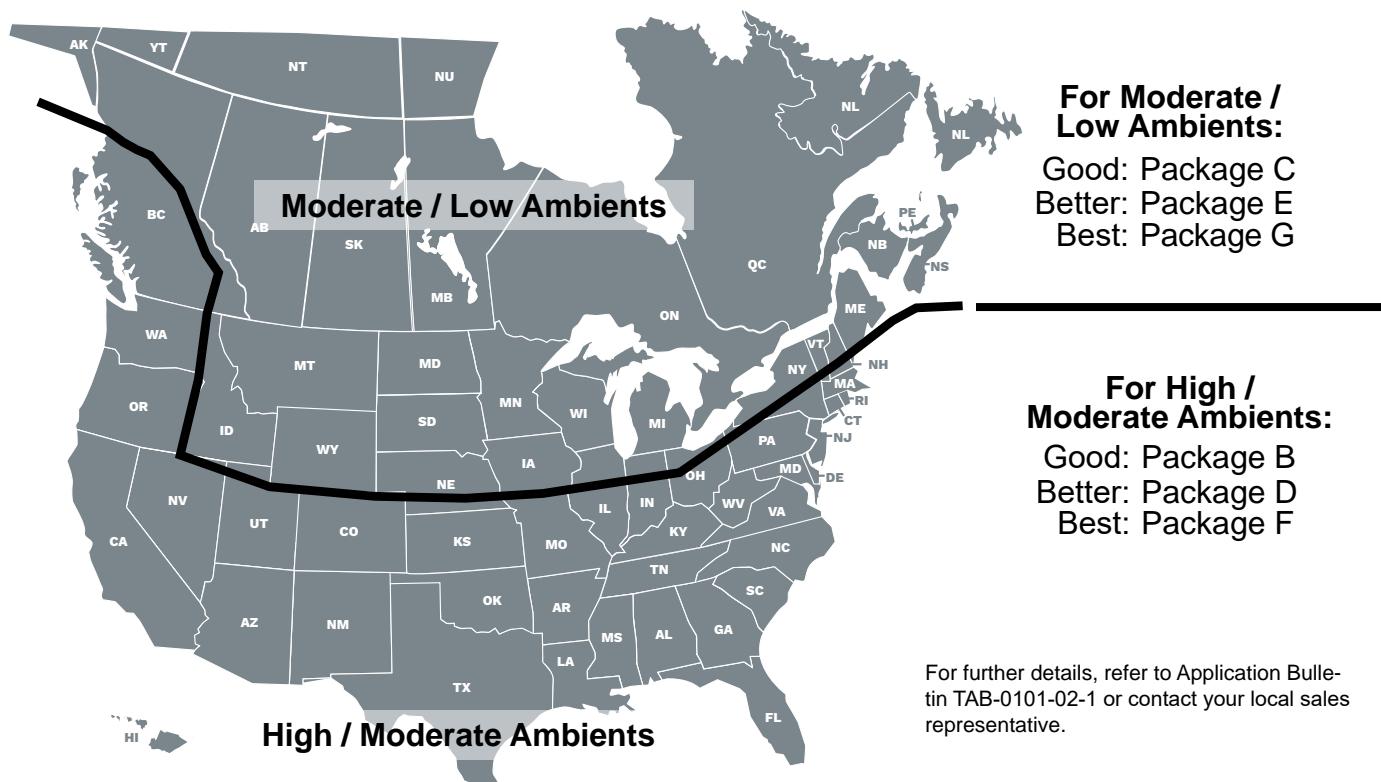
# PRE-SELECTED FACTORY MOUNTED OPTION PACKAGES

	<b>For High / Moderate Ambients</b>	<b>For Moderate / Low Ambients</b>
<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.t-rp.com/dfk](http://www.t-rp.com/dfk)

## RECOMMENDATIONS FOR SELECTING FACTORY MOUNTED OPTION PACKAGES



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

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

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

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

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

### What are its applications?

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

### How much can Limitrol+ save you?

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

\* The above is a BIN Hour Analysis. Weather data was used from ASHRAE Weather Data Viewer and electrical rates for each city are based on June 2013 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 T40-HPC-AG)

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>TVS015H8-A</b>	45 (7.2)	<b>215.9</b> (63.3)	<b>207.6</b> (60.8)	<b>199.3</b> (58.4)	<b>191.2</b> (56)	<b>183.2</b> (53.7)	<b>175.4</b> (51.4)			
	40 (4.4)	<b>198.0</b> (58)	<b>190.6</b> (55.9)	<b>183.1</b> (53.7)	<b>175.8</b> (51.5)	<b>168.5</b> (49.4)	<b>161.4</b> (47.3)			
	35 (1.7)	<b>180.9</b> (53)	<b>174.2</b> (51.1)	<b>167.5</b> (49.1)	<b>160.9</b> (47.2)	<b>154.4</b> (45.3)	<b>147.8</b> (43.3)			
<b>TVS020H8-A</b>	45 (7.2)	<b>249.0</b> (73)	<b>239.5</b> (70.2)	<b>229.8</b> (67.4)	<b>219.8</b> (64.4)	<b>209.6</b> (61.4)	<b>199.0</b> (58.3)			
	40 (4.4)	<b>226.6</b> (66.4)	<b>218.0</b> (63.9)	<b>209.2</b> (61.3)	<b>200.1</b> (58.6)	<b>190.8</b> (55.9)	<b>181.2</b> (53.1)			
	35 (1.7)	<b>205.6</b> (60.3)	<b>197.9</b> (58)	<b>189.9</b> (55.7)	<b>181.7</b> (53.3)	<b>173.3</b> (50.8)	<b>164.7</b> (48.3)			
<b>TVS022H8-A</b>	45 (7.2)	<b>280.9</b> (82.3)	<b>270.6</b> (79.3)	<b>260.4</b> (76.3)	<b>250.2</b> (73.3)	<b>239.9</b> (70.3)	<b>229.7</b> (67.3)			
	40 (4.4)	<b>256.0</b> (75)	<b>246.6</b> (72.3)	<b>237.2</b> (69.5)	<b>227.7</b> (66.7)	<b>218.4</b> (64)	<b>209.0</b> (61.3)			
	35 (1.7)	<b>232.7</b> (68.2)	<b>224.1</b> (65.7)	<b>215.5</b> (63.2)	<b>206.9</b> (60.6)	<b>198.2</b> (58.1)	<b>189.6</b> (55.6)			
<b>TVS025H8-A</b>	45 (7.2)	<b>300.6</b> (88.1)	<b>289.0</b> (84.7)	<b>277.1</b> (81.2)	<b>265.2</b> (77.7)	<b>253.3</b> (74.2)	<b>241.3</b> (70.7)			
	40 (4.4)	<b>277.5</b> (81.3)	<b>266.6</b> (78.1)	<b>255.6</b> (74.9)	<b>244.4</b> (71.6)	<b>233.3</b> (68.4)	<b>222.2</b> (65.1)			
	35 (1.7)	<b>254.4</b> (74.6)	<b>244.3</b> (71.6)	<b>234.0</b> (68.6)	<b>223.8</b> (65.6)	<b>213.5</b> (62.6)	<b>203.2</b> (59.6)			
<b>TVS030H8-A</b>	45 (7.2)	<b>350.7</b> (102.8)	<b>337.3</b> (98.9)	<b>323.6</b> (94.8)	<b>309.6</b> (90.7)	<b>295.5</b> (86.6)	<b>281.0</b> (82.4)			
	40 (4.4)	<b>322.9</b> (94.6)	<b>310.5</b> (91)	<b>297.8</b> (87.3)	<b>284.9</b> (83.5)	<b>271.7</b> (79.6)	<b>258.4</b> (75.7)			
	35 (1.7)	<b>295.8</b> (86.7)	<b>284.3</b> (83.3)	<b>272.7</b> (79.9)	<b>260.8</b> (76.4)	<b>248.7</b> (72.9)	<b>236.6</b> (69.3)			
<b>TVS035H8-A</b>	45 (7.2)	<b>439.0</b> (128.7)	<b>425.1</b> (124.6)	<b>410.9</b> (120.4)	<b>395.9</b> (116)	<b>380.3</b> (111.5)	<b>363.9</b> (106.6)			
	40 (4.4)	<b>400.1</b> (117.3)	<b>387.2</b> (113.5)	<b>373.9</b> (109.6)	<b>360.2</b> (105.6)	<b>345.7</b> (101.3)	<b>330.5</b> (96.9)			
	35 (1.7)	<b>364.8</b> (106.9)	<b>353.0</b> (103.5)	<b>340.7</b> (99.8)	<b>328.0</b> (96.1)	<b>314.8</b> (92.3)	<b>300.7</b> (88.1)			
<b>TVS040H8-A</b>	45 (7.2)	<b>523.1</b> (153.3)	<b>502.2</b> (147.2)	<b>481.0</b> (141)	<b>459.6</b> (134.7)	<b>438.1</b> (128.4)	<b>416.4</b> (122)			
	40 (4.4)	<b>478.1</b> (140.1)	<b>459.6</b> (134.7)	<b>440.9</b> (129.2)	<b>422.0</b> (123.7)	<b>403.0</b> (118.1)	<b>383.8</b> (112.5)			
	35 (1.7)	<b>436.5</b> (127.9)	<b>420.3</b> (123.2)	<b>403.9</b> (118.4)	<b>387.2</b> (113.5)	<b>370.5</b> (108.6)	<b>353.6</b> (103.6)			

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

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

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

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)			
TVS010L8-A Compressor Model 3DS3F46KE	0	(-17.8)	80.5 (23.6)	77.5 (22.7)	74.3 (21.8)	71.2 (20.9)	67.9 (19.9)	64.6 (18.9)	---	---	---
	-5	(-20.6)	71.4 (20.9)	68.6 (20.1)	65.6 (19.2)	62.6 (18.3)	59.6 (17.5)	56.5 (16.6)	---	---	---
	-10	(-23.3)	63.0 (18.5)	60.4 (17.7)	57.6 (16.9)	54.8 (16.1)	52.0 (15.2)	49.1 (14.4)	---	---	---
	-15	(-26.1)	55.3 (16.2)	52.8 (15.5)	50.3 (14.7)	47.8 (14)	45.2 (13.2)	42.4 (12.4)	---	---	---
	-20	(-28.9)	48.2 (14.1)	45.9 (13.4)	43.6 (12.8)	41.2 (12.1)	38.7 (11.4)	36.3 (10.6)	---	---	---
	-25	(-31.7)	41.6 (12.2)	39.5 (11.6)	37.3 (10.9)	35.1 (10.3)	32.9 (9.6)	30.7 (9)	---	---	---
	-30	(-34.4)	35.4 (10.4)	33.4 (9.8)	31.4 (9.2)	29.4 (8.6)	27.4 (8)	25.4 (7.4)	---	---	---
	-35	(-37.2)	29.4 (8.6)	27.6 (8.1)	25.8 (7.6)	23.9 (7)	22.2 (6.5)	20.4 (6)	---	---	---
TVS015L8-A Compressor Model 4DHNF63KE	-40	(-40)	23.6 (6.9)	21.9 (6.4)	20.4 (6)	18.7 (5.5)	17.1 (5)	15.4 (4.5)	---	---	---
	0	(-17.8)	107.2 (31.4)	102.6 (30.1)	98.1 (28.7)	93.6 (27.4)	88.9 (26.1)	--- ---	---	---	---
	-5	(-20.6)	96.1 (28.2)	92.0 (27)	87.9 (25.8)	83.8 (24.6)	79.6 (23.3)	--- ---	---	---	---
	-10	(-23.3)	85.6 (25.1)	81.9 (24)	78.1 (22.9)	74.4 (21.8)	70.7 (20.7)	66.9 (19.6)	--- ---	---	---
	-15	(-26.1)	75.6 (22.2)	72.3 (21.2)	68.9 (20.2)	65.5 (19.2)	62.1 (18.2)	58.6 (17.2)	--- ---	---	---
	-20	(-28.9)	66.3 (19.4)	63.2 (18.5)	60.2 (17.6)	57.1 (16.7)	54.0 (15.8)	50.8 (14.9)	--- ---	---	---
	-25	(-31.7)	57.4 (16.8)	54.7 (16)	52.0 (15.2)	49.1 (14.4)	46.3 (13.6)	43.4 (12.7)	--- ---	---	---
	-30	(-34.4)	49.2 (14.4)	46.8 (13.7)	44.3 (13)	41.7 (12.2)	39.1 (11.4)	36.4 (10.7)	--- ---	---	---
TVS022L8-A Compressor Model 4DJNF76KE	-35	(-37.2)	41.8 (12.2)	39.5 (11.6)	37.2 (10.9)	34.9 (10.2)	32.3 (9.5)	29.9 (8.8)	--- ---	---	---
	-40	(-40)	34.9 (10.2)	32.9 (9.6)	30.7 (9)	28.5 (8.3)	26.1 (7.7)	23.8 (7)	--- ---	---	---
	0	(-17.8)	139.5 (40.9)	133.9 (39.2)	128.2 (37.6)	122.5 (35.9)	116.7 (34.2)	--- ---	---	---	---
	-5	(-20.6)	123.6 (36.2)	118.4 (34.7)	113.1 (33.1)	107.7 (31.6)	102.3 (30)	96.8 (28.4)	--- ---	---	---
	-10	(-23.3)	108.8 (31.9)	104.0 (30.5)	99.1 (29)	94.2 (27.6)	89.1 (26.1)	84.0 (24.6)	--- ---	---	---
	-15	(-26.1)	95.1 (27.9)	90.7 (26.6)	86.3 (25.3)	81.9 (24)	77.3 (22.6)	72.6 (21.3)	--- ---	---	---
	-20	(-28.9)	82.6 (24.2)	78.8 (23.1)	74.9 (21.9)	70.8 (20.7)	66.7 (19.5)	62.5 (18.3)	--- ---	---	---
	-25	(-31.7)	71.5 (21)	68.0 (19.9)	64.6 (18.9)	61.1 (17.9)	57.4 (16.8)	53.8 (15.8)	--- ---	---	---
TVS027L8-A Compressor Model 6DHNF93KE	-30	(-34.4)	61.6 (18.1)	58.8 (17.2)	55.8 (16.3)	52.7 (15.4)	49.7 (14.6)	46.4 (13.6)	--- ---	---	---
	-35	(-37.2)	53.2 (15.6)	50.8 (14.9)	48.4 (14.2)	46.0 (13.5)	43.4 (12.7)	40.6 (11.9)	36.5 (10.7)	--- ---	---
	-40	(-40)	46.3 (13.6)	44.5 (13)	42.6 (12.5)	40.6 (11.9)	38.6 (11.3)	36.5 (10.7)	--- ---	---	---
	0	(-17.8)	169.3 (49.6)	162.8 (47.7)	155.7 (45.6)	148.4 (43.5)	140.7 (41.2)	--- ---	---	---	---
	-5	(-20.6)	147.5 (43.2)	141.6 (41.5)	135.5 (39.7)	128.9 (37.8)	122.0 (35.8)	114.8 (33.6)	--- ---	---	---
	-10	(-23.3)	128.9 (37.8)	123.7 (36.2)	118.1 (34.6)	112.2 (32.9)	105.9 (31)	99.4 (29.1)	--- ---	---	---
	-15	(-26.1)	112.9 (33.1)	108.2 (31.7)	103.1 (30.2)	97.8 (28.6)	92.1 (27)	86.1 (25.2)	--- ---	---	---
	-20	(-28.9)	98.9 (29)	94.6 (27.7)	89.9 (26.3)	84.9 (24.9)	79.8 (23.4)	74.2 (21.8)	--- ---	---	---
TVS030L8-A Compressor Model 6DJNF11ME	-25	(-31.7)	86.3 (25.3)	82.2 (24.1)	77.9 (22.8)	73.3 (21.5)	68.4 (20)	63.2 (18.5)	--- ---	---	---
	-30	(-34.4)	74.6 (21.8)	70.6 (20.7)	66.4 (19.4)	61.8 (18.1)	57.2 (16.8)	52.4 (15.4)	--- ---	---	---
	-35	(-37.2)	62.8 (18.4)	58.8 (17.2)	54.6 (16)	50.3 (14.7)	45.8 (13.4)	41.1 (12)	--- ---	---	---
	-40	(-40)	50.4 (14.8)	46.4 (13.6)	42.2 (12.4)	37.9 (11.1)	33.4 (9.8)	28.8 (8.4)	--- ---	---	---
	0	(-17.8)	196.1 (57.5)	188.4 (55.2)	180.4 (52.9)	172.1 (50.4)	163.6 (47.9)	--- ---	---	---	---
	-5	(-20.6)	174.3 (51.1)	167.2 (49)	159.8 (46.8)	152.3 (44.6)	144.3 (42.3)	--- ---	---	---	---
	-10	(-23.3)	154.1 (45.2)	147.6 (43.3)	140.9 (41.3)	133.9 (39.2)	126.6 (37.1)	118.9 (34.8)	--- ---	---	---
	-15	(-26.1)	135.6 (39.7)	129.6 (38)	123.5 (36.2)	117.0 (34.3)	110.1 (32.3)	103.0 (30.2)	--- ---	---	---
TVS040L8-A Compressor Model 6DUNF13ME	-20	(-28.9)	118.2 (34.6)	112.8 (33)	107.1 (31.4)	101.1 (29.6)	94.7 (27.8)	88.0 (25.8)	--- ---	---	---
	-25	(-31.7)	102.1 (29.9)	97.0 (28.4)	91.7 (26.9)	86.1 (25.2)	80.1 (23.5)	73.7 (21.6)	--- ---	---	---
	-30	(-34.4)	86.5 (25.4)	81.9 (24)	76.9 (22.5)	71.6 (21)	65.9 (19.3)	59.7 (17.5)	--- ---	---	---
	-35	(-37.2)	71.6 (21)	67.2 (19.7)	62.5 (18.3)	57.3 (16.8)	51.9 (15.2)	46.0 (13.5)	--- ---	---	---
	-40	(-40)	56.8 (16.6)	52.6 (15.4)	48.1 (14.1)	43.2 (12.6)	37.8 (11.1)	32.0 (9.4)	--- ---	---	---
	0	(-17.8)	222.8 (65.3)	214.9 (63)	207.1 (60.7)	199.2 (58.4)	191.0 (56)	--- ---	---	---	---
	-5	(-20.6)	200.6 (58.8)	193.4 (56.7)	186.1 (54.5)	178.7 (52.4)	171.0 (50.1)	--- ---	---	---	---
	-10	(-23.3)	178.7 (52.4)	172.1 (50.4)	165.3 (48.4)	158.3 (46.4)	151.1 (44.3)	--- ---	---	---	---

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

**CAPACITY DATA - R407A**  
**LOW TEMPERATURE MODELS**  
**w/ 850RPM CONDENSER FAN MOTOR(S)**
**60Hz**

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
TVS010D8-A  Compressor Model 3DS3F46KE	0	(-17.8)	79.3	-23.2	76.2	-22.3	73.1	-21.4	69.9	-20.5	66.7	-19.5	-	-
	-5	(-20.6)	70.3	-20.6	67.5	-19.8	64.6	-18.9	61.6	-18.1	58.5	-17.1	55.4	-16.2
	-10	(-23.3)	62.1	-18.2	59.4	-17.4	56.7	-16.6	54.0	-15.8	51.1	-15.0	48.3	-14.2
	-15	(-26.1)	54.6	-16.0	52.1	-15.3	49.5	-14.5	47.0	-13.8	44.4	-13.0	41.7	-12.2
	-20	(-28.9)	47.6	-14.0	45.3	-13.3	42.9	-12.6	40.6	-11.9	38.2	-11.2	35.7	-10.5
	-25	(-31.7)	41.1	-12.0	38.9	-11.4	36.8	-10.8	34.6	-10.1	32.4	-9.5	30.2	-8.9
	-30	(-34.4)	34.9	-10.2	33.0	-9.7	31.0	-9.1	29.0	-8.5	27.0	-7.9	25.0	-7.3
	-35	(-37.2)	29.1	-8.5	27.2	-8.0	25.5	-7.5	23.6	-6.9	21.8	-6.4	20.0	-5.9
TVS015D8-A  Compressor Model 4DHNF63KE	-40	(-40)	23.3	-6.8	21.7	-6.4	20.1	-5.9	18.4	-5.4	16.8	-4.9	15.2	-4.5
	0	(-17.8)	104.5	-30.6	100.0	-29.3	95.5	-28.0	91.0	-26.7	-	-	-	-
	-5	(-20.6)	93.9	-27.5	89.8	-26.3	85.8	-25.1	81.6	-23.9	77.5	-22.7	-	-
	-10	(-23.3)	83.8	-24.6	80.1	-23.5	76.4	-22.4	72.7	-21.3	68.9	-20.2	-	-
	-15	(-26.1)	74.2	-21.7	70.8	-20.8	67.5	-19.8	64.1	-18.8	60.6	-17.8	57.2	-16.8
	-20	(-28.9)	65.0	-19.1	62.0	-18.2	59.0	-17.3	55.9	-16.4	52.8	-15.5	49.7	-14.6
	-25	(-31.7)	56.5	-16.6	53.7	-15.7	51.0	-14.9	48.2	-14.1	45.3	-13.3	42.4	-12.4
	-30	(-34.4)	48.5	-14.2	46.0	-13.5	43.5	-12.7	40.9	-12.0	38.3	-11.2	35.6	-10.4
TVS022D8-A  Compressor Model 4DJNF76KE	-35	(-37.2)	41.1	-12.0	38.8	-11.4	36.5	-10.7	34.1	-10.0	31.7	-9.3	29.2	-8.6
	-40	(-40)	34.3	-10.1	32.3	-9.5	30.1	-8.8	27.9	-8.2	25.6	-7.5	23.3	-6.8
	0	(-17.8)	137.3	-40.2	131.7	-38.6	126.1	-37.0	120.3	-35.3	114.5	-33.6	-	-
	-5	(-20.6)	121.7	-35.7	116.6	-34.2	111.3	-32.6	105.9	-31.0	100.5	-29.5	-	-
	-10	(-23.3)	107.2	-31.4	102.4	-30.0	97.6	-28.6	92.7	-27.2	87.7	-25.7	82.5	-24.2
	-15	(-26.1)	93.8	-27.5	89.5	-26.2	85.1	-24.9	80.6	-23.6	76.0	-22.3	71.3	-20.9
	-20	(-28.9)	81.6	-23.9	77.7	-22.8	73.8	-21.6	69.8	-20.5	65.6	-19.2	61.4	-18.0
	-25	(-31.7)	70.7	-20.7	67.3	-19.7	63.8	-18.7	60.2	-17.6	56.6	-16.6	52.9	-15.5
TVS027D8-A  Compressor Model 6DHNF93KE	-30	(-34.4)	61.0	-17.9	58.1	-17.0	55.2	-16.2	52.1	-15.3	49.0	-14.4	45.8	-13.4
	-35	(-37.2)	52.7	-15.4	50.4	-14.8	48.0	-14.1	45.5	-13.3	42.9	-12.6	40.2	-11.8
	-40	(-40)	45.9	-13.5	44.1	-12.9	42.3	-12.4	40.3	-11.8	38.3	-11.2	36.2	-10.6
	0	(-17.8)	166.5	-48.8	159.9	-46.9	152.8	-44.8	145.4	-42.6	137.6	-40.3	-	-
	-5	(-20.6)	145.3	-42.6	139.4	-40.9	133.1	-39.0	126.5	-37.1	119.5	-35.0	112.2	-32.9
	-10	(-23.3)	127.2	-37.3	121.9	-35.7	116.2	-34.1	110.3	-32.3	104.0	-30.5	97.3	-28.5
	-15	(-26.1)	111.5	-32.7	106.7	-31.3	101.6	-29.8	96.1	-28.2	90.4	-26.5	84.4	-24.7
	-20	(-28.9)	97.7	-28.6	93.3	-27.3	88.6	-26.0	83.6	-24.5	78.4	-23.0	72.8	-21.3

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

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °F      °C	CAPACITY MBH (KW)			R448A	R449A	AMBIENT TEMPERATURE °F (°C)		
		85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)		
<b>TVS015H8-A</b> Compressor 3DS3R17ME	45 (7.2)	<b>221.6</b> (64.9)	<b>213.2</b> (62.5)	<b>204.8</b> (60)	<b>196.5</b> (57.6)	<b>188.3</b> (55.2)	<b>180.1</b> (52.8)		
	40 (4.4)	<b>204.0</b> (59.8)	<b>196.5</b> (57.6)	<b>188.9</b> (55.4)	<b>181.3</b> (53.1)	<b>173.9</b> (51)	<b>166.5</b> (48.8)		
	35 (1.7)	<b>187.0</b> (54.8)	<b>180.2</b> (52.8)	<b>173.4</b> (50.8)	<b>166.6</b> (48.8)	<b>159.9</b> (46.9)	<b>153.3</b> (44.9)		
<b>TVS020H8-A</b> Compressor 4DANR18ME	45 (7.2)	<b>250.8</b> (73.5)	<b>241.5</b> (70.8)	<b>231.9</b> (68)	<b>221.9</b> (65)	<b>211.5</b> (62)	<b>200.8</b> (58.9)		
	40 (4.4)	<b>229.1</b> (67.1)	<b>220.7</b> (64.7)	<b>211.9</b> (62.1)	<b>202.8</b> (59.4)	<b>193.5</b> (56.7)	<b>183.7</b> (53.8)		
	35 (1.7)	<b>208.6</b> (61.1)	<b>201.0</b> (58.9)	<b>193.1</b> (56.6)	<b>184.9</b> (54.2)	<b>176.5</b> (51.7)	<b>167.7</b> (49.2)		
<b>TVS022H8-A</b> Compressor 4DBNR20ME	45 (7.2)	<b>283.4</b> (83.1)	<b>273.2</b> (80.1)	<b>263.0</b> (77.1)	<b>252.7</b> (74.1)	<b>242.4</b> (71)	<b>232.2</b> (68.1)		
	40 (4.4)	<b>259.2</b> (76)	<b>249.9</b> (73.2)	<b>240.6</b> (70.5)	<b>231.1</b> (67.7)	<b>221.7</b> (65)	<b>212.2</b> (62.2)		
	35 (1.7)	<b>236.5</b> (69.3)	<b>228.0</b> (66.8)	<b>219.3</b> (64.3)	<b>210.7</b> (61.7)	<b>202.1</b> (59.2)	<b>193.3</b> (56.7)		
<b>TVS025H8-A</b> Compressor 4DHNR22ME	45 (7.2)	<b>305.6</b> (89.6)	<b>294.5</b> (86.3)	<b>283.4</b> (83.1)	<b>272.3</b> (79.8)	<b>261.1</b> (76.5)	---	---	
	40 (4.4)	<b>280.0</b> (82.1)	<b>269.9</b> (79.1)	<b>259.7</b> (76.1)	<b>249.4</b> (73.1)	<b>239.1</b> (70.1)	---	---	
	35 (1.7)	<b>255.8</b> (75)	<b>246.5</b> (72.2)	<b>237.2</b> (69.5)	<b>227.7</b> (66.7)	<b>218.3</b> (64)	<b>208.7</b> (61.2)		
<b>TVS030H8-A</b> Compressor 4DJNR28ME	45 (7.2)	<b>353.2</b> (103.5)	<b>340.3</b> (99.7)	<b>327.0</b> (95.8)	<b>313.3</b> (91.8)	<b>299.3</b> (87.7)	---	---	
	40 (4.4)	<b>326.4</b> (95.7)	<b>314.5</b> (92.2)	<b>302.2</b> (88.6)	<b>289.5</b> (84.8)	<b>276.5</b> (81)	---	---	
	35 (1.7)	<b>300.4</b> (88)	<b>289.4</b> (84.8)	<b>278.0</b> (81.5)	<b>266.4</b> (78.1)	<b>254.4</b> (74.6)	<b>242.0</b> (70.9)		
<b>TVS035H8-A</b> Compressor 6DHNR35ME	45 (7.2)	<b>435.3</b> (127.6)	<b>420.3</b> (123.2)	<b>405.4</b> (118.8)	<b>390.5</b> (114.4)	<b>375.5</b> (110)	---	---	
	40 (4.4)	<b>403.4</b> (118.2)	<b>389.9</b> (114.3)	<b>376.3</b> (110.3)	<b>362.7</b> (106.3)	<b>349.1</b> (102.3)	---	---	
	35 (1.7)	<b>371.7</b> (108.9)	<b>359.4</b> (105.3)	<b>347.2</b> (101.8)	<b>335.0</b> (98.2)	<b>322.7</b> (94.6)	<b>310.4</b> (91)		
<b>TVS040H8-A</b> Compressor 6DJNR40ME	45 (7.2)	<b>516.5</b> (151.4)	<b>498.6</b> (146.1)	<b>480.8</b> (140.9)	<b>462.9</b> (135.7)	<b>445.1</b> (130.4)	---	---	
	40 (4.4)	<b>478.8</b> (140.3)	<b>462.6</b> (135.6)	<b>446.4</b> (130.8)	<b>430.2</b> (126.1)	<b>414.0</b> (121.3)	---	---	
	35 (1.7)	<b>441.3</b> (129.3)	<b>426.6</b> (125)	<b>412.0</b> (120.7)	<b>397.4</b> (116.5)	<b>382.7</b> (112.2)	<b>368.1</b> (107.9)		

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

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

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

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)		
TVS010L8-A  Compressor Model 3DS3F46KE	-5 (-20.6)	75.5 (22.1)	72.3 (21.2)	69.2 (20.3)	65.9 (19.3)	62.7 (18.4)	59.3 (17.4)			
	-10 (-23.3)	66.3 (19.4)	63.4 (18.6)	60.5 (17.7)	57.5 (16.9)	54.5 (16)	51.5 (15.1)			
	-15 (-26.1)	58.0 (17)	55.3 (16.2)	52.6 (15.4)	49.9 (14.6)	47.0 (13.8)	44.2 (13)			
	-20 (-28.9)	50.4 (14.8)	47.9 (14)	45.4 (13.3)	42.8 (12.6)	40.2 (11.8)	37.6 (11)			
	-25 (-31.7)	43.6 (12.8)	41.3 (12.1)	38.9 (11.4)	36.4 (10.7)	34.0 (10)	31.5 (9.2)			
	-30 (-34.4)	37.3 (10.9)	35.2 (10.3)	32.9 (9.6)	30.6 (9)	28.2 (8.3)	25.8 (7.6)			
	-35 (-37.2)	31.6 (9.3)	29.5 (8.6)	27.4 (8)	25.2 (7.4)	22.9 (6.7)	20.6 (6)			
	-40 (-40)	26.5 (7.8)	24.4 (7.1)	22.3 (6.5)	20.1 (5.9)	17.9 (5.2)	15.5 (4.6)			
TVS015L8-A  Compressor Model 4DHNF63KE	-5 (-20.6)	98.9 (29)	94.8 (27.8)	90.6 (26.6)	86.4 (25.3)	82.2 (24.1)	78.1 (22.9)			
	-10 (-23.3)	88.3 (25.9)	84.5 (24.8)	80.7 (23.7)	76.9 (22.5)	73.1 (21.4)	69.2 (20.3)			
	-15 (-26.1)	78.2 (22.9)	74.8 (21.9)	71.3 (20.9)	67.8 (19.9)	64.3 (18.8)	60.7 (17.8)			
	-20 (-28.9)	68.8 (20.2)	65.6 (19.2)	62.4 (18.3)	59.1 (17.3)	55.9 (16.4)	52.6 (15.4)			
	-25 (-31.7)	60.0 (17.6)	57.0 (16.7)	54.0 (15.8)	50.8 (14.9)	47.8 (14)	44.6 (13.1)			
	-30 (-34.4)	51.6 (15.1)	48.7 (14.3)	45.9 (13.4)	42.9 (12.6)	39.9 (11.7)	37.0 (10.8)			
	-35 (-37.2)	43.5 (12.7)	40.8 (12)	38.0 (11.1)	35.2 (10.3)	32.2 (9.4)	29.4 (8.6)			
	-40 (-40)	35.9 (10.5)	33.2 (9.7)	30.5 (8.9)	27.7 (8.1)	24.8 (7.3)	21.9 (6.4)			
TVS022L8-A  Compressor Model 4DJNF76KE	-5 (-20.6)	126.5 (37.1)	121.3 (35.5)	116.0 (34)	110.8 (32.5)	105.4 (30.9)	100.0 (29.3)			
	-10 (-23.3)	111.8 (32.8)	107.0 (31.4)	102.1 (29.9)	97.1 (28.5)	92.1 (27)	87.0 (25.5)			
	-15 (-26.1)	98.5 (28.9)	94.0 (27.5)	89.5 (26.2)	84.8 (24.9)	80.1 (23.5)	75.4 (22.1)			
	-20 (-28.9)	86.3 (25.3)	82.1 (24.1)	77.9 (22.8)	73.5 (21.5)	69.1 (20.2)	64.7 (19)			
	-25 (-31.7)	75.1 (22)	71.2 (20.9)	67.2 (19.7)	63.1 (18.5)	58.9 (17.3)	54.7 (16)			
	-30 (-34.4)	64.5 (18.9)	60.8 (17.8)	57.0 (16.7)	53.2 (15.6)	49.2 (14.4)	45.2 (13.2)			
	-35 (-37.2)	54.3 (15.9)	50.8 (14.9)	47.3 (13.8)	43.6 (12.8)	39.8 (11.7)	35.9 (10.5)			
	-40 (-40)	44.2 (13)	41.0 (12)	37.6 (11)	34.0 (10)	30.3 (8.9)	26.7 (7.8)			
TVS027L8-A  Compressor Model 6DHNF93KE	-5 (-20.6)	153.2 (44.9)	147.3 (43.2)	141.1 (41.4)	134.7 (39.5)	128.0 (37.5)	121.0 (35.4)			
	-10 (-23.3)	135.2 (39.6)	129.9 (38.1)	124.2 (36.4)	118.3 (34.7)	112.0 (32.8)	105.5 (30.9)			
	-15 (-26.1)	118.8 (34.8)	113.8 (33.4)	108.7 (31.8)	103.1 (30.2)	97.3 (28.5)	91.2 (26.7)			
	-20 (-28.9)	103.6 (30.4)	99.0 (29)	94.3 (27.6)	89.1 (26.1)	83.7 (24.5)	77.9 (22.8)			
	-25 (-31.7)	89.6 (26.2)	85.4 (25)	80.9 (23.7)	76.0 (22.3)	71.0 (20.8)	65.5 (19.2)			
	-30 (-34.4)	76.5 (22.4)	72.6 (21.3)	68.4 (20)	63.7 (18.7)	58.9 (17.3)	53.7 (15.7)			
	-35 (-37.2)	64.4 (18.9)	60.6 (17.8)	56.5 (16.6)	52.1 (15.3)	47.4 (13.9)	42.3 (12.4)			
	-40 (-40)	52.7 (15.4)	49.0 (14.4)	45.0 (13.2)	40.7 (11.9)	36.1 (10.6)	31.2 (9.1)			
TVS030L8-A  Compressor Model 6DJNF11ME	-5 (-20.6)	180.1 (52.8)	172.9 (50.7)	165.4 (48.5)	157.5 (46.2)	149.3 (43.8)	140.8 (41.3)			
	-10 (-23.3)	159.3 (46.7)	152.7 (44.7)	145.7 (42.7)	138.5 (40.6)	130.9 (38.4)	123.0 (36)			
	-15 (-26.1)	140.2 (41.1)	134.1 (39.3)	127.7 (37.4)	121.0 (35.4)	113.8 (33.4)	106.4 (31.2)			
	-20 (-28.9)	122.4 (35.9)	116.9 (34.2)	110.9 (32.5)	104.6 (30.6)	98.0 (28.7)	90.9 (26.6)			
	-25 (-31.7)	105.9 (31)	100.7 (29.5)	95.1 (27.9)	89.3 (26.2)	83.0 (24.3)	76.2 (22.3)			
	-30 (-34.4)	90.5 (26.5)	85.6 (25.1)	80.3 (23.5)	74.7 (21.9)	68.6 (20.1)	62.2 (18.2)			
	-35 (-37.2)	75.8 (22.2)	71.1 (20.8)	66.0 (19.4)	60.6 (17.8)	54.7 (16)	48.5 (14.2)			
	-40 (-40)	61.7 (18.1)	57.1 (16.7)	52.2 (15.3)	46.8 (13.7)	41.1 (12)	35.0 (10.2)			
TVS040L8-A  Compressor Model 6DUNF13ME	-5 (-20.6)	207.5 (60.8)	200.2 (58.7)	192.8 (56.5)	185.1 (54.3)	177.2 (51.9)	169.2 (49.6)			
	-10 (-23.3)	184.8 (54.2)	178.1 (52.2)	171.2 (50.2)	163.9 (48)	156.5 (45.9)	148.8 (43.6)			
	-15 (-26.1)	163.0 (47.8)	156.7 (45.9)	150.0 (44)	143.2 (42)	136.2 (39.9)	128.6 (37.7)			
	-20 (-28.9)	142.2 (41.7)	136.2 (39.9)	130.0 (38.1)	123.5 (36.2)	116.6 (34.2)	109.3 (32)			
	-25 (-31.7)	122.9 (36)	117.2 (34.3)	111.2 (32.6)	104.9 (30.7)	98.2 (28.8)	91.0 (26.7)			
	-30 (-34.4)	105.5 (30.9)	100.0 (29.3)	94.1 (27.6)	87.9 (25.8)	81.3 (23.8)	74.1 (21.7)			
	-35 (-37.2)	90.3 (26.5)	84.9 (24.9)	79.1 (23.2)	72.9 (21.4)	66.3 (19.4)	59.1 (17.3)			
	-40 (-40)	77.8 (22.8)	72.3 (21.2)	66.5 (19.5)	60.2 (17.6)	53.4 (15.7)	46.2 (13.5)			

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

**LOW TEMPERATURE MODELS  
w/ 850RPM CONDENSER MOTOR(S)**

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °F      °C	CAPACITY MBH (KW)    R448A    R449A						AMBIENT TEMPERATURE °F (°C)			
		85 (29.4)	90 (32.2)	95 (35)	100 (37.8)	105 (40.6)	110 (43.3)	58.2	-17.1	50.5	-14.8
TVS020D8-A  Compressor Model 3DS3F46KE	-5 (-20.6)	74.3	-21.8	71.2	-20.9	68.0	-19.9	64.8	-19.0	61.5	-18.0
	-10 (-23.3)	65.3	-19.1	62.4	-18.3	59.5	-17.4	56.5	-16.6	53.5	-15.7
	-15 (-26.1)	57.1	-16.7	54.5	-16.0	51.8	-15.2	49.0	-14.4	46.2	-13.5
	-20 (-28.9)	49.7	-14.6	47.2	-13.8	44.7	-13.1	42.1	-12.3	39.5	-11.6
	-25 (-31.7)	42.9	-12.6	40.6	-11.9	38.3	-11.2	35.8	-10.5	33.4	-9.8
	-30 (-34.4)	36.8	-10.8	34.6	-10.1	32.4	-9.5	30.1	-8.8	27.7	-8.1
	-35 (-37.2)	31.2	-9.1	29.1	-8.5	26.9	-7.9	24.7	-7.2	22.4	-6.6
	-40 (-40)	26.1	-7.6	24.0	-7.0	21.9	-6.4	19.7	-5.8	17.5	-5.1
TVS030D8-A  Compressor Model 4DHNF63KE	-5 (-20.6)	96.7	-28.3	92.5	-27.1	88.4	-25.9	84.3	-24.7	80.1	-23.5
	-10 (-23.3)	86.4	-25.3	82.6	-24.2	78.9	-23.1	75.1	-22.0	71.3	-20.9
	-15 (-26.1)	76.7	-22.5	73.2	-21.5	69.8	-20.5	66.3	-19.4	62.8	-18.4
	-20 (-28.9)	67.5	-19.8	64.3	-18.8	61.1	-17.9	57.9	-17.0	54.6	-16.0
	-25 (-31.7)	58.8	-17.2	55.9	-16.4	52.8	-15.5	49.8	-14.6	46.7	-13.7
	-30 (-34.4)	50.6	-14.8	47.8	-14.0	44.9	-13.2	42.0	-12.3	39.0	-11.4
	-35 (-37.2)	42.7	-12.5	40.0	-11.7	37.2	-10.9	34.4	-10.1	31.5	-9.2
	-40 (-40)	35.2	-10.3	32.5	-9.5	29.8	-8.7	27.0	-7.9	24.2	-7.1
TVS044D8-A  Compressor Model 4DJNF76KE	-5 (-20.6)	124.6	-36.5	119.4	-35.0	114.2	-33.5	108.9	-31.9	103.6	-30.4
	-10 (-23.3)	110.2	-32.3	105.4	-30.9	100.5	-29.5	95.6	-28.0	90.6	-26.6
	-15 (-26.1)	97.1	-28.5	92.7	-27.2	88.1	-25.8	83.5	-24.5	78.8	-23.1
	-20 (-28.9)	85.2	-25.0	81.0	-23.7	76.8	-22.5	72.4	-21.2	68.0	-19.9
	-25 (-31.7)	74.1	-21.7	70.2	-20.6	66.2	-19.4	62.1	-18.2	58.0	-17.0
	-30 (-34.4)	63.7	-18.7	60.0	-17.6	56.2	-16.5	52.4	-15.4	48.4	-14.2
	-35 (-37.2)	53.6	-15.7	50.1	-14.7	46.6	-13.7	42.9	-12.6	39.1	-11.5
	-40 (-40)	43.7	-12.8	40.4	-11.8	37.0	-10.8	33.5	-9.8	29.8	-8.7
TVS054D8-A  Compressor Model 6DHNF93KE	-5 (-20.6)	150.9	-44.2	145.0	-42.5	138.8	-40.7	132.3	-38.8	125.5	-36.8
	-10 (-23.3)	133.4	-39.1	127.9	-37.5	122.2	-35.8	116.2	-34.1	110.0	-32.2
	-15 (-26.1)	117.2	-34.3	112.2	-32.9	107.0	-31.4	101.4	-29.7	95.6	-28.0
	-20 (-28.9)	102.3	-30.0	97.7	-28.6	92.8	-27.2	87.7	-25.7	82.2	-24.1
	-25 (-31.7)	88.5	-25.9	84.2	-24.7	79.7	-23.4	74.8	-21.9	69.6	-20.4
	-30 (-34.4)	75.6	-22.2	71.6	-21.0	67.3	-19.7	62.7	-18.4	57.8	-16.9
	-35 (-37.2)	63.5	-18.6	59.7	-17.5	55.6	-16.3	51.1	-15.0	46.4	-13.6
	-40 (-40)	52.0	-15.2	48.3	-14.2	44.3	-13.0	39.9	-11.7	35.3	-10.3

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

**CAPACITY DATA - R407C**  
**HIGH TEMPERATURE**

**60Hz**

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °F      °C	CAPACITY MBH (KW)			R407C	AMBIENT TEMPERATURE °F (°C)			
		85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)		
<b>TVS015H8-A</b> Compressor Model 3DS3R17ME	55 (12.8)	247.5 (72.5)	238.2 (69.8)	229.3 (67.2)	220.6 (64.7)	212.2 (62.2)	203.9 (59.8)		
	50 (10)	228.1 (66.8)	219.8 (64.4)	211.8 (62.1)	203.9 (59.8)	196.2 (57.5)	188.8 (55.3)		
	45 (7.2)	209.5 (61.4)	202.0 (59.2)	194.9 (57.1)	187.8 (52.4)	180.9 (50.5)	174.2 (51.1)		
	40 (4.4)	191.7 (56.2)	185.1 (54.3)	178.7 (52.4)	172.4 (48.7)	166.2 (48.7)	160.1 (46.9)		
	35 (1.7)	174.7 (51.2)	168.9 (49.5)	163.2 (47.8)	157.6 (46.2)	152.0 (44.6)	146.5 (42.9)		
<b>TVS020H8-A</b> Compressor Model 4DANR18ME	55 (12.8)	309.5 (90.7)	293.3 (86)	277.4 (81.3)	261.8 (76.7)	246.5 (72.2)	231.4 (67.8)		
	50 (10)	279.5 (81.9)	265.1 (77.7)	250.9 (73.5)	237.1 (69.5)	223.5 (65.5)	210.2 (61.6)		
	45 (7.2)	251.5 (73.7)	238.7 (70)	226.3 (66.3)	214.3 (62.8)	202.4 (59.3)	190.9 (55.9)		
	40 (4.4)	225.6 (66.1)	214.5 (62.9)	203.8 (59.7)	193.4 (56.7)	183.2 (53.7)	173.3 (50.8)		
	35 (1.7)	201.8 (59.1)	192.4 (56.4)	183.2 (53.7)	174.4 (51.1)	165.8 (48.6)	157.4 (46.1)		
<b>TVS022H8-A</b> Compressor Model 4DBNR20ME	55 (12.8)	322.2 (94.4)	310.6 (91)	299.0 (87.6)	287.4 (84.2)	275.9 (80.9)	264.5 (77.5)		
	50 (10)	294.2 (86.2)	283.3 (83)	272.4 (79.8)	261.5 (76.6)	250.6 (73.5)	239.9 (70.3)		
	45 (7.2)	268.3 (78.6)	258.0 (75.6)	247.8 (72.6)	237.6 (69.6)	227.5 (66.7)	217.7 (63.8)		
	40 (4.4)	244.3 (71.6)	234.7 (68.8)	225.1 (66)	215.8 (63.2)	206.4 (60.5)	197.2 (57.8)		
	35 (1.7)	222.0 (65.1)	213.0 (62.4)	204.2 (59.9)	195.5 (57.3)	187.0 (54.8)	178.6 (52.3)		
<b>TVS025H8-A</b> Compressor Model 4DHNR22ME	55 (12.8)	350.8 (102.8)	332.9 (97.5)	315.3 (92.4)	298.0 (87.3)	281.2 (82.4)	264.8 (77.6)		
	50 (10)	324.2 (95)	308.0 (90.3)	291.9 (85.5)	276.3 (81)	261.1 (76.5)	246.4 (72.2)		
	45 (7.2)	298.0 (87.3)	283.3 (83)	268.9 (78.8)	254.9 (74.7)	241.4 (70.7)	228.5 (67)		
	40 (4.4)	272.4 (79.8)	259.4 (76)	246.5 (72.3)	234.2 (68.6)	222.3 (65.1)	210.9 (61.8)		
	35 (1.7)	247.6 (72.6)	236.1 (69.2)	224.9 (65.9)	214.1 (62.7)	203.8 (59.7)	193.9 (56.8)		
<b>TVS030H8-A</b> Compressor Model 4DJNR28ME	55 (12.8)	413.3 (121.1)	392.9 (115.2)	372.6 (109.2)	352.8 (103.4)	333.3 (97.7)	---	---	---
	50 (10)	380.1 (111.4)	361.4 (105.9)	343.1 (100.6)	325.2 (95.3)	307.7 (90.2)	290.4 (85.1)		
	45 (7.2)	347.9 (101.9)	331.1 (97)	314.7 (92.2)	298.7 (87.5)	283.2 (83)	268.1 (78.6)		
	40 (4.4)	317.0 (92.9)	302.1 (88.5)	287.7 (84.3)	273.6 (80.2)	260.1 (76.2)	247.0 (72.4)		
	35 (1.7)	287.7 (84.3)	274.7 (80.5)	262.2 (76.8)	250.0 (73.3)	238.4 (69.9)	227.1 (66.6)		
<b>TVS035H8-A</b> Compressor Model 6DHNR35ME	55 (12.8)	527.8 (154.7)	506.8 (148.5)	485.7 (142.4)	464.5 (136.1)	443.2 (129.9)	---	---	---
	50 (10)	477.1 (139.8)	458.3 (134.3)	439.4 (128.8)	420.3 (123.2)	401.1 (117.6)	381.8 (111.9)		
	45 (7.2)	430.4 (126.1)	413.7 (121.2)	396.8 (116.3)	379.9 (111.3)	362.8 (106.3)	345.5 (101.2)		
	40 (4.4)	387.7 (113.6)	373.0 (109.3)	358.2 (105)	343.1 (100.6)	328.0 (96.1)	312.6 (91.6)		
	35 (1.7)	348.9 (102.3)	336.1 (98.5)	323.2 (94.7)	310.1 (90.9)	296.7 (87)	283.1 (83)		
<b>TVS040H8-A</b> Compressor Model 6DJNR40ME	55 (12.8)	711.6 (208.5)	678.0 (198.7)	642.7 (188.4)	606.1 (177.6)	567.9 (166.4)	---	---	---
	50 (10)	636.0 (186.4)	604.7 (177.2)	572.0 (167.6)	537.9 (157.6)	502.5 (147.3)	466.1 (136.6)		
	45 (7.2)	564.8 (165.5)	536.6 (157.2)	506.7 (148.5)	475.5 (139.4)	443.3 (129.9)	410.0 (120.2)		
	40 (4.4)	500.3 (146.6)	474.9 (139.2)	448.1 (131.3)	420.0 (123.1)	390.9 (114.6)	361.0 (105.8)		
	35 (1.7)	443.1 (129.9)	420.5 (123.2)	396.6 (116.2)	371.6 (108.9)	345.7 (101.3)	319.0 (93.5)		

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

**CAPACITY DATA - R407C**  
**MEDIUM TEMPERATURE**

**60Hz**

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °F      °C	CAPACITY MBH (KW)				<b>R407C</b>	AMBIENT TEMPERATURE °F (°C)			
		85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)		105 (40.6)	110 (43.3)		
TVS015M8-A Compressor Model 3DS3R17ME	30 (-1.1)	158.8 (46.5)	153.6 (45)	148.6 (43.5)	143.5 (42.1)	138.5 (40.6)	133.5 (39.1)			
	25 (-3.9)	143.6 (42.1)	139.1 (40.8)	134.6 (39.5)	130.1 (38.1)	125.6 (36.8)	120.9 (35.4)			
	20 (-6.7)	129.5 (37.9)	125.5 (36.8)	121.5 (35.6)	117.4 (34.4)	113.2 (33.2)	108.8 (31.9)			
	15 (-9.4)	116.2 (34.1)	112.7 (33)	109.0 (31.9)	105.3 (30.9)	101.3 (29.7)	97.2 (28.5)			
	10 (-12.2)	104.0 (30.5)	100.7 (29.5)	97.3 (28.5)	93.9 (27.5)	90.1 (26.4)	86.0 (25.2)			
TVS020M8-A Compressor Model 4DANR18ME	30 (-1.1)	180.2 (52.8)	172.3 (50.5)	164.6 (48.2)	157.2 (46.1)	150.0 (44)	143.0 (41.9)			
	25 (-3.9)	160.8 (47.1)	154.1 (45.2)	147.7 (43.3)	141.6 (41.5)	135.7 (39.8)	129.9 (38.1)			
	20 (-6.7)	143.3 (42)	137.8 (40.4)	132.5 (38.8)	127.5 (37.4)	122.6 (35.9)	117.9 (34.6)			
	15 (-9.4)	127.6 (37.4)	123.1 (36.1)	118.7 (34.8)	114.6 (33.6)	110.6 (32.4)	106.6 (31.2)			
	10 (-12.2)	113.6 (33.3)	109.8 (32.2)	106.2 (31.1)	102.6 (30.1)	99.2 (29.1)	95.9 (28.1)			
TVS022M8-A Compressor Model 4DBNR20ME	30 (-1.1)	201.0 (58.9)	192.9 (56.5)	184.8 (54.2)	176.8 (51.8)	169.1 (49.5)	161.4 (47.3)			
	25 (-3.9)	181.3 (53.1)	173.9 (51)	166.5 (48.8)	159.3 (46.7)	152.3 (44.6)	145.4 (42.6)			
	20 (-6.7)	162.5 (47.6)	155.8 (45.7)	149.2 (43.7)	142.8 (41.9)	136.5 (40)	130.4 (38.2)			
	15 (-9.4)	144.6 (42.4)	138.5 (40.6)	132.6 (38.9)	126.9 (37.2)	121.5 (35.6)	116.1 (34)			
	10 (-12.2)	127.1 (37.2)	121.7 (35.7)	116.6 (34.2)	111.6 (32.7)	106.9 (31.3)	102.4 (30)			
TVS025M8-A Compressor Model 4DHNR22ME	30 (-1.1)	224.0 (65.6)	213.9 (62.7)	204.2 (59.9)	194.9 (57.1)	185.9 (54.5)	177.5 (52)			
	25 (-3.9)	201.5 (59.1)	192.9 (56.5)	184.5 (54.1)	176.4 (51.7)	168.7 (49.5)	161.5 (47.3)			
	20 (-6.7)	180.4 (52.9)	173.0 (50.7)	165.9 (48.6)	159.0 (46.6)	152.4 (44.7)	146.3 (42.9)			
	15 (-9.4)	160.9 (47.1)	154.6 (45.3)	148.4 (43.5)	142.5 (41.8)	136.8 (40.1)	131.5 (38.5)			
	10 (-12.2)	142.9 (41.9)	137.4 (40.3)	132.2 (38.7)	126.9 (37.2)	122.0 (35.8)	117.3 (34.4)			
TVS030M8-A Compressor Model 4DJNR28ME	30 (-1.1)	260.1 (76.2)	249.0 (73)	238.1 (69.8)	227.9 (66.8)	217.9 (63.9)	208.3 (61.1)			
	25 (-3.9)	234.5 (68.7)	224.9 (65.9)	215.8 (63.2)	207.0 (60.7)	198.6 (58.2)	190.6 (55.9)			
	20 (-6.7)	210.6 (61.7)	202.7 (59.4)	194.9 (57.1)	187.5 (55)	180.5 (52.9)	173.8 (50.9)			
	15 (-9.4)	188.7 (55.3)	181.9 (53.3)	175.4 (51.4)	169.2 (49.6)	163.3 (47.9)	157.6 (46.2)			
	10 (-12.2)	168.4 (49.4)	162.6 (47.7)	157.2 (46.1)	151.8 (44.5)	146.8 (43)	142.0 (41.6)			
TVS035M8-A Compressor Model 6DHNR35ME	30 (-1.1)	314.1 (92)	302.9 (88.8)	291.7 (85.5)	280.2 (82.1)	268.5 (78.7)	256.5 (75.2)			
	25 (-3.9)	282.7 (82.8)	273.1 (80)	263.3 (77.2)	253.3 (74.2)	243.0 (71.2)	232.4 (68.1)			
	20 (-6.7)	254.4 (74.6)	246.1 (72.1)	237.5 (69.6)	228.7 (67)	219.6 (64.3)	210.1 (61.6)			
	15 (-9.4)	228.8 (67.1)	221.4 (64.9)	214.0 (62.7)	206.1 (60.4)	197.9 (58)	189.3 (55.5)			
	10 (-12.2)	205.2 (60.1)	198.7 (58.2)	191.8 (56.2)	184.7 (54.1)	177.2 (51.9)	169.3 (49.6)			
TVS040M8-A Compressor Model 6DJNR40ME	30 (-1.1)	393.3 (115.3)	373.3 (109.4)	352.2 (103.2)	330.0 (96.7)	307.1 (90)	283.8 (83.2)			
	25 (-3.9)	350.3 (102.7)	332.6 (97.5)	314.1 (92)	294.7 (86.4)	274.9 (80.6)	254.8 (74.7)			
	20 (-6.7)	313.1 (91.8)	297.6 (87.2)	281.4 (82.5)	264.8 (77.6)	248.0 (72.7)	231.3 (67.8)			
	15 (-9.4)	280.8 (82.3)	267.2 (78.3)	253.3 (74.2)	239.2 (70.1)	225.4 (66.1)	212.1 (62.2)			
	10 (-12.2)	251.8 (73.8)	240.0 (70.3)	228.3 (66.9)	216.7 (63.5)	205.9 (60.3)	195.9 (57.4)			
TVS050M8-A Compressor Model 6DUNR49ME	30 (-1.1)	452.3 (132.6)	429.1 (125.8)	405.4 (118.8)	381.2 (111.7)	356.8 (104.6)	332.4 (97.4)			
	25 (-3.9)	403.7 (118.3)	382.8 (112.2)	361.5 (105.9)	340.1 (99.7)	318.7 (93.4)	297.6 (87.2)			
	20 (-6.7)	359.1 (105.2)	340.6 (99.8)	321.8 (94.3)	303.2 (88.9)	284.9 (83.5)	267.1 (78.3)			
	15 (-9.4)	318.8 (93.4)	302.5 (88.7)	286.4 (83.9)	270.7 (79.3)	255.6 (74.9)	241.4 (70.7)			
	10 (-12.2)	282.7 (82.8)	268.7 (78.7)	255.3 (74.8)	242.6 (71.1)	230.9 (67.7)	220.6 (64.7)			

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

**CAPACITY DATA - R404A    R507**  
**HIGH TEMPERATURE**

**60Hz**

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °F      °C	CAPACITY MBH (KW)				<b>R404A</b>	<b>R507</b>	AMBIENT TEMPERATURE °F (°C)		
		85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)			105 (40.6)	110 (43.3)	
TVS015H8-A Compressor Model 3DS3R17ME	45 (7.2)	221.0 (64.8)	211.4 (62)	202.0 (59.2)	192.6 (56.4)	183.4 (53.7)	174.3 (51.1)			
	40 (4.4)	203.9 (59.8)	195.2 (57.2)	186.5 (54.7)	178.0 (52.2)	169.5 (49.7)	161.2 (47.2)			
	35 (1.7)	187.7 (55)	179.7 (52.7)	171.8 (50.3)	164.0 (48.1)	156.2 (45.8)	148.6 (43.6)			
TVS020H8-A Compressor Model 4DANR18ME	45 (7.2)	243.9 (71.5)	232.6 (68.2)	221.4 (64.9)	210.2 (61.6)	199.1 (58.4)	188.2 (55.2)			
	40 (4.4)	225.8 (66.2)	215.3 (63.1)	204.7 (60)	194.2 (56.9)	183.9 (53.9)	173.7 (50.9)			
	35 (1.7)	208.2 (61)	198.4 (58.1)	188.5 (55.2)	178.7 (52.4)	169.1 (49.6)	159.6 (46.8)			
TVS022H8-A Compressor Model 4DBNR20ME	45 (7.2)	271.3 (79.5)	259.6 (76.1)	248.1 (72.7)	236.9 (69.4)	225.9 (66.2)	215.2 (63.1)			
	40 (4.4)	253.2 (74.2)	242.2 (71)	231.4 (67.8)	221.0 (64.8)	210.7 (61.7)	200.7 (58.8)			
	35 (1.7)	234.9 (68.8)	224.7 (65.9)	214.7 (62.9)	204.9 (60.1)	195.4 (57.3)	186.1 (54.5)			
TVS025H8-A Compressor Model 4DHNRR22ME	45 (7.2)	286.3 (83.9)	274.1 (80.3)	262.2 (76.8)	250.6 (73.4)	239.2 (70.1)	228.1 (66.8)			
	40 (4.4)	267.5 (78.4)	256.0 (75)	244.9 (71.8)	234.0 (68.6)	223.4 (65.5)	213.0 (62.4)			
	35 (1.7)	248.5 (72.8)	237.8 (69.7)	227.4 (66.6)	217.3 (63.7)	207.4 (60.8)	197.6 (57.9)			
TVS030H8-A Compressor Model 4DJNR28ME	45 (7.2)	348.9 (102.3)	333.8 (97.8)	318.8 (93.4)	303.9 (89.1)	288.9 (84.7)	274.0 (80.3)			
	40 (4.4)	323.2 (94.7)	309.2 (90.6)	295.3 (86.5)	281.4 (82.5)	267.6 (78.4)	253.7 (74.4)			
	35 (1.7)	298.4 (87.5)	285.4 (83.6)	272.5 (79.9)	259.7 (76.1)	246.9 (72.4)	234.1 (68.6)			
TVS035H8-A Compressor Model 6DHNR35ME	45 (7.2)	448.1 (131.3)	428.9 (125.7)	409.6 (120)	390.3 (114.4)	370.9 (108.7)	351.4 (103)			
	40 (4.4)	413.4 (121.2)	395.7 (116)	377.9 (110.8)	360.2 (105.6)	342.4 (100.3)	324.5 (95.1)			
	35 (1.7)	380.2 (111.4)	364.0 (106.7)	347.7 (101.9)	331.5 (97.2)	315.1 (92.3)	298.8 (87.6)			
TVS040H8-A Compressor Model 6DJNR40ME	45 (7.2)	511.2 (149.8)	490.3 (143.7)	469.3 (137.5)	448.2 (131.4)	427.0 (125.1)	405.4 (118.8)			
	40 (4.4)	474.6 (139.1)	455.2 (133.4)	435.8 (127.7)	416.2 (122)	396.5 (116.2)	376.5 (110.3)			
	35 (1.7)	439.0 (128.7)	421.1 (123.4)	403.2 (118.2)	385.2 (112.9)	367.0 (107.6)	348.6 (102.2)			

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °F      °C	CAPACITY MBH (KW)				<b>R404A</b>	<b>R507</b>	AMBIENT TEMPERATURE °F (°C)			
		85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)			105 (40.6)	110 (43.3)		
TVS015M8-A	30 (-1.1)	172.1 (50.4)	164.9 (48.3)	157.7 (46.2)	150.6 (44.1)	143.6 (42.1)	136.7 (40.1)	125.4 (38.6)	125.4 (36.8)		
	25 (-3.9)	157.4 (46.1)	150.8 (44.2)	144.3 (42.3)	137.9 (40.4)	131.6 (38.6)	120.2 (35.2)	114.6 (32.1)	114.6 (33.6)		
	20 (-6.7)	143.4 (42)	137.5 (40.3)	131.7 (38.6)	125.9 (36.9)	120.2 (35.2)	114.6 (33.6)	109.5 (32.1)	104.4 (30.6)		
	15 (-9.4)	130.3 (38.2)	125.0 (36.6)	119.7 (35.1)	114.6 (33.6)	109.5 (32.1)	104.4 (30.6)	99.3 (29.1)	94.8 (27.8)		
	10 (-12.2)	117.9 (34.6)	113.2 (33.2)	108.5 (31.8)	103.9 (30.4)	98.8 (28.7)	93.8 (27.5)	88.9 (26.3)	85.8 (25.1)		
	5 (-15)	106.3 (31.2)	102.1 (29.9)	98.0 (28.7)	93.8 (27.5)	88.4 (24.7)	84.4 (23.7)	80.8 (23.7)	77.2 (22.6)		
	0 (-17.8)	95.6 (28)	91.8 (26.9)	88.1 (25.8)	84.4 (24.7)	80.8 (23.7)	77.2 (22.6)				
TVS020M8-A	30 (-1.1)	191.1 (56)	182.0 (53.3)	172.8 (50.6)	163.7 (48)	154.7 (45.3)	145.9 (42.8)	132.7 (38.9)	132.7 (36.8)		
	25 (-3.9)	174.6 (51.2)	166.1 (48.7)	157.7 (46.2)	149.2 (43.7)	140.8 (41.3)	132.7 (38.9)	120.0 (35.2)	120.0 (33.6)		
	20 (-6.7)	158.7 (46.5)	151.0 (44.3)	143.1 (41.9)	135.3 (39.7)	127.6 (37.4)	120.0 (35.2)	114.9 (33.7)	114.9 (33.6)		
	15 (-9.4)	143.6 (42.1)	136.5 (40)	129.3 (37.9)	122.0 (35.8)	114.9 (33.7)	108.0 (31.7)	103.0 (30.2)	96.6 (28.3)		
	10 (-12.2)	129.3 (37.9)	122.8 (36)	116.1 (34)	109.5 (32.1)	103.0 (30.2)	96.6 (28.3)	91.8 (26.9)	86.0 (25.2)		
	5 (-15)	115.8 (33.9)	109.9 (32.2)	103.8 (30.4)	97.8 (28.7)	91.8 (26.9)	86.0 (25.2)	81.4 (23.9)	76.2 (22.3)		
	0 (-17.8)	103.3 (30.3)	97.9 (28.7)	92.4 (27.1)	86.8 (25.4)	81.4 (23.9)	76.2 (22.3)				
TVS022M8-A	30 (-1.1)	216.7 (63.5)	207.2 (60.7)	198.0 (58)	189.0 (55.4)	180.1 (52.8)	171.5 (50.3)	157.1 (46)	157.1 (44)		
	25 (-3.9)	198.8 (58.3)	190.0 (55.7)	181.5 (53.2)	173.2 (50.8)	165.0 (48.4)	150.3 (44)	143.0 (41.9)	143.0 (41.9)		
	20 (-6.7)	181.3 (53.1)	173.3 (50.8)	165.4 (48.5)	157.8 (46.2)	150.3 (44)	143.0 (41.9)	136.1 (39.9)	129.4 (37.9)		
	15 (-9.4)	164.4 (48.2)	157.1 (46)	149.9 (43.9)	143.0 (41.9)	136.1 (39.9)	129.4 (37.9)	122.7 (36)	116.6 (34.2)		
	10 (-12.2)	148.3 (43.5)	141.7 (41.5)	135.2 (39.6)	128.9 (37.8)	122.7 (36)	116.6 (34.2)	110.1 (32.3)	104.6 (30.7)		
	5 (-15)	133.3 (39.1)	127.3 (37.3)	121.5 (35.6)	115.7 (33.9)	110.1 (32.3)	104.6 (30.7)	98.7 (28.9)	93.8 (27.5)		
	0 (-17.8)	119.4 (35)	114.1 (33.4)	108.9 (31.9)	103.8 (30.4)	98.7 (28.9)	93.8 (27.5)				
TVS025M8-A	30 (-1.1)	229.6 (67.3)	219.7 (64.4)	210.0 (61.5)	200.6 (58.8)	191.3 (56.1)	182.3 (53.4)	167.1 (49)	167.1 (49)		
	25 (-3.9)	210.9 (61.8)	201.7 (59.1)	192.8 (56.5)	184.0 (53.9)	175.5 (51.4)	167.1 (49)	152.3 (44.6)	152.3 (44.6)		
	20 (-6.7)	192.5 (56.4)	184.1 (54)	175.9 (51.6)	167.9 (49.2)	160.0 (46.9)	150.3 (44)	143.0 (41.9)	143.0 (41.9)		
	15 (-9.4)	174.8 (51.2)	167.1 (49)	159.6 (46.8)	152.3 (44.6)	145.1 (42.5)	138.0 (40.4)	130.9 (38.4)	124.4 (36.5)		
	10 (-12.2)	157.8 (46.2)	150.8 (44.2)	144.1 (42.2)	137.4 (40.3)	130.9 (38.4)	124.4 (36.5)	117.7 (34.5)	111.9 (32.8)		
	5 (-15)	141.8 (41.6)	135.6 (39.7)	129.5 (38)	123.6 (36.2)	117.7 (34.5)	111.9 (32.8)	105.7 (31)	100.5 (29.5)		
	0 (-17.8)	127.1 (37.2)	121.6 (35.6)	116.2 (34.1)	110.9 (32.5)	105.7 (31)	100.5 (29.5)				
TVS030M8-A	30 (-1.1)	274.4 (80.4)	262.4 (76.9)	250.6 (73.4)	238.8 (70)	227.1 (66.6)	215.3 (63.1)	197.3 (57.8)	197.3 (57.8)		
	25 (-3.9)	251.3 (73.6)	240.3 (70.4)	229.5 (67.3)	218.7 (64.1)	208.0 (61)	180.1 (52.8)	180.1 (52.8)	180.1 (52.8)		
	20 (-6.7)	229.2 (67.2)	219.2 (64.2)	209.3 (61.3)	199.5 (58.5)	189.8 (55.6)	172.5 (50.6)	163.7 (48)	163.7 (48)		
	15 (-9.4)	208.1 (61)	199.0 (58.3)	190.1 (55.7)	181.3 (53.1)	172.5 (50.6)	163.7 (48)	156.0 (45.7)	148.2 (43.4)		
	10 (-12.2)	188.0 (55.1)	179.9 (52.7)	171.8 (50.3)	163.9 (48)	156.0 (45.7)	148.2 (43.4)	140.6 (41.2)	133.6 (39.2)		
	5 (-15)	169.1 (49.6)	161.8 (47.4)	154.6 (45.3)	147.6 (43.3)	140.6 (41.2)	133.6 (39.2)	126.1 (37)	119.9 (35.1)		
	0 (-17.8)	151.3 (44.3)	144.8 (42.4)	138.4 (40.6)	132.2 (38.7)	126.1 (37)	119.9 (35.1)				
TVS035M8-A	30 (-1.1)	348.6 (102.2)	333.8 (97.8)	319.0 (93.5)	304.1 (89.1)	289.2 (84.8)	274.3 (80.4)	251.1 (73.6)	251.1 (73.6)		
	25 (-3.9)	318.6 (93.4)	305.1 (89.4)	291.6 (85.5)	278.2 (81.5)	264.6 (77.5)	241.3 (70.7)	229.0 (67.1)	229.0 (67.1)		
	20 (-6.7)	290.2 (85)	278.0 (81.5)	265.8 (77.9)	253.6 (74.3)	241.3 (70.7)	230.3 (67.5)	219.3 (64.3)	208.2 (61)		
	15 (-9.4)	263.5 (77.2)	252.5 (74)	241.4 (70.7)	230.3 (67.5)	219.3 (64.3)	208.5 (61.1)	198.5 (58.2)	188.4 (55.2)		
	10 (-12.2)	238.5 (69.9)	228.5 (67)	218.5 (64)	208.5 (61.1)	187.9 (55.1)	178.8 (52.4)	169.8 (49.8)	169.8 (49.8)		
	5 (-15)	215.2 (63.1)	206.1 (60.4)	197.0 (57.7)	186.6 (54.3)	176.9 (51.8)	168.6 (49.4)	160.4 (47)	152.2 (44.6)		
	0 (-17.8)	193.6 (56.7)	185.2 (54.3)	176.9 (51.8)	168.6 (49.4)	160.4 (47)	152.2 (44.6)	140.4 (41.2)	132.2 (39.2)		
TVS040M8-A	30 (-1.1)	404.7 (118.6)	388.1 (113.7)	371.6 (108.9)	355.1 (104.1)	338.4 (99.2)	321.5 (94.2)	295.3 (86.5)	295.3 (86.5)		
	25 (-3.9)	371.6 (108.9)	356.4 (104.5)	341.2 (100)	326.1 (95.6)	310.8 (91.1)	270.3 (79.2)				
	20 (-6.7)	339.9 (99.6)	326.0 (95.5)	312.1 (91.5)	298.3 (87.4)	284.4 (83.3)	246.4 (72.2)				
	15 (-9.4)	309.7 (90.8)	296.9 (87)	284.3 (83.3)	271.7 (79.6)	259.1 (75.9)	246.4 (72.2)				
	10 (-12.2)	281.1 (82.4)	269.4 (79)	257.9 (75.6)	246.5 (72.2)	235.1 (68.9)	223.6 (65.5)				
	5 (-15)	254.1 (74.5)	243.5 (71.4)	233.0 (68.3)	222.7 (65.3)	212.5 (62.3)	202.1 (59.2)				
	0 (-17.8)	228.9 (67.1)	219.2 (64.2)	209.7 (61.5)	200.5 (58.8)	191.3 (56.1)	182.0 (53.3)				
TVS050M8-A	30 (-1.1)	471.5 (138.2)	452.6 (132.6)	433.5 (127)	414.3 (121.4)	395.0 (115.8)	375.7 (110.1)				
	25 (-3.9)	434.2 (127.3)	416.7 (122.1)	399.1 (117)	381.4 (111.8)	363.5 (106.5)	345.6 (101.3)				
	20 (-6.7)	397.7 (116.6)	381.6 (111.8)	365.4 (107.1)	349.0 (102.3)	332.5 (97.4)	316.0 (92.6)				
	15 (-9.4)	362.4 (106.2)	347.6 (101.9)	332.7 (97.5)	317.7 (93.1)	302.5 (88.7)	287.3 (84.2)				
	10 (-12.2)	328.8 (96.4)	315.3 (92.4)	301.7 (88.4)	287.9 (84.4)	274.0 (80.3)	260.1 (76.2)				
	5 (-15)	297.5 (87.2)	285.2 (83.6)	272.8 (79.9)	260.2 (76.3)	247.5 (72.5)	234.8 (68.8)				
	0 (-17.8)	269.1 (78.9)	257.9 (75.6)	246.5 (72.2)	235.0 (68.9)	223.5 (65.5)	212.0 (62.1)				

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW)						AMBIENT TEMPERATURE °F (°C)	
	°F	°C	85 (29.4)	90 (32.2)	95 (35)	100 (37.8)	105 (40.6)	110 (43.3)		
TVS010L6-A  Compressor Model 3DS3F46KE	0	(-17.8)	89.1 (26.1)	85.6 (25.1)	82.1 (24.1)	78.6 (23)	75.1 (22)	71.7 (21)		
	-5	(-20.6)	80.6 (23.6)	77.4 (22.7)	74.2 (21.7)	71.1 (20.8)	68.0 (19.9)	64.9 (19)		
	-10	(-23.3)	72.5 (21.2)	69.7 (20.4)	66.8 (19.6)	64.0 (18.8)	61.1 (17.9)	58.3 (17.1)		
	-15	(-26.1)	64.9 (19)	62.3 (18.3)	59.8 (17.5)	57.2 (16.8)	54.6 (16)	52.1 (15.3)		
	-20	(-28.9)	57.7 (16.9)	55.4 (16.2)	53.1 (15.6)	50.8 (14.9)	48.4 (14.2)	46.1 (13.5)		
	-25	(-31.7)	50.9 (14.9)	48.9 (14.3)	46.8 (13.7)	44.7 (13.1)	42.6 (12.5)	40.5 (11.9)		
	-30	(-34.4)	44.7 (13.1)	42.9 (12.6)	41.0 (12)	39.1 (11.5)	37.1 (10.9)	35.2 (10.3)		
	-35	(-37.2)	39.0 (11.4)	37.3 (10.9)	35.6 (10.4)	33.8 (9.9)	32.0 (9.4)	30.2 (8.9)		
TVS015L6-A  Compressor Model 4DHNF63KE	-40	(-40)	33.7 (9.9)	32.2 (9.4)	30.6 (9)	28.9 (8.5)	27.2 (8)	25.5 (7.5)		
	0	(-17.8)	117.4 (34.4)	113.0 (33.1)	108.6 (37.8)	104.2 (30.5)	99.7 (29.2)	95.0 (27.8)		
	-5	(-20.6)	106.3 (31.2)	102.2 (30)	98.2 (28.8)	94.2 (27.6)	90.1 (26.4)	85.7 (25.1)		
	-10	(-23.3)	96.0 (28.1)	92.3 (27.1)	88.7 (26)	85.0 (24.9)	81.3 (23.8)	77.3 (22.7)		
	-15	(-26.1)	86.4 (25.3)	83.1 (24.4)	79.8 (23.4)	76.6 (22.4)	73.1 (21.4)	69.5 (20.4)		
	-20	(-28.9)	77.5 (22.7)	74.5 (21.8)	71.6 (21)	68.6 (20.1)	65.5 (19.2)	62.2 (18.2)		
	-25	(-31.7)	69.1 (20.3)	66.4 (19.5)	63.8 (18.7)	61.1 (17.9)	58.3 (17.1)	55.2 (16.2)		
	-30	(-34.4)	61.1 (17.9)	58.7 (17.2)	56.3 (16.5)	53.9 (15.8)	51.3 (15)	48.5 (14.2)		
TVS022L6-A  Compressor Model 4DJNF76KE	-35	(-37.2)	53.2 (15.6)	51.1 (15)	49.0 (14.4)	46.8 (13.7)	44.4 (13)	41.8 (12.3)		
	-40	(-40)	45.5 (13.3)	43.5 (12.7)	41.6 (12.2)	39.6 (11.6)	37.4 (11)	35.0 (10.3)		
	0	(-17.8)	144.1 (42.2)	137.7 (40.4)	131.6 (38.6)	125.8 (36.9)	120.3 (35.3)	115.1 (33.7)		
	-5	(-20.6)	131.0 (38.4)	125.2 (36.7)	119.6 (35.1)	114.3 (33.5)	109.2 (32)	104.3 (30.6)		
	-10	(-23.3)	118.6 (34.8)	113.3 (33.2)	108.2 (31.7)	103.3 (30.3)	98.6 (28.9)	94.1 (27.6)		
	-15	(-26.1)	106.8 (31.3)	102.0 (29.9)	97.4 (28.5)	92.9 (27.2)	88.5 (25.9)	84.2 (24.7)		
	-20	(-28.9)	95.6 (28)	91.3 (26.8)	87.1 (25.5)	82.9 (24.3)	78.8 (23.1)	74.8 (21.9)		
	-25	(-31.7)	84.9 (24.9)	81.0 (23.7)	77.2 (22.6)	73.3 (21.5)	69.5 (20.4)	65.7 (19.3)		
TVS027L6-A  Compressor Model 6DHNF93KE	-30	(-34.4)	74.6 (21.9)	71.2 (20.9)	67.6 (19.8)	64.1 (18.8)	60.4 (17.7)	56.7 (16.6)		
	-35	(-37.2)	64.8 (19)	61.7 (18.1)	58.4 (17.1)	55.1 (16.1)	51.6 (15.1)	48.0 (14.1)		
	-40	(-40)	55.3 (16.2)	52.5 (15.4)	49.4 (14.5)	46.3 (13.6)	42.9 (12.6)	39.3 (11.5)		
	0	(-17.8)	183.0 (53.6)	175.7 (51.5)	168.5 (49.4)	161.4 (47.3)	154.3 (45.2)	147.1 (43.1)		
	-5	(-20.6)	165.9 (48.6)	159.3 (46.7)	152.8 (44.8)	146.3 (42.9)	139.8 (41)	133.2 (39)		
	-10	(-23.3)	149.3 (43.8)	143.3 (42)	137.5 (40.3)	131.6 (38.6)	125.7 (36.8)	119.7 (35.1)		
	-15	(-26.1)	133.4 (39.1)	128.0 (37.5)	122.7 (36)	117.4 (34.4)	112.0 (32.8)	106.5 (31.2)		
	-20	(-28.9)	118.3 (34.7)	113.4 (33.2)	108.6 (31.8)	103.8 (30.4)	98.9 (29)	93.7 (27.5)		
TVS030L6-A  Compressor Model 6DJNF11ME	-25	(-31.7)	104.0 (30.5)	99.6 (29.2)	95.3 (27.9)	90.9 (26.6)	86.4 (25.3)	81.6 (23.9)		
	-30	(-34.4)	90.8 (26.6)	86.8 (25.4)	82.9 (24.3)	78.8 (23.1)	74.6 (21.9)	70.1 (20.5)		
	-35	(-37.2)	78.7 (23.1)	75.1 (22)	71.4 (20.9)	67.6 (19.8)	63.7 (18.7)	59.4 (17.4)		
	-40	(-40)	67.8 (19.9)	64.4 (18.9)	61.0 (17.9)	57.4 (16.8)	53.6 (15.7)	49.5 (14.5)		
	0	(-17.8)	200.8 (58.8)	192.0 (56.3)	183.3 (53.7)	174.7 (51.2)	166.4 (48.8)	147.1 (43.1)		
	-5	(-20.6)	181.9 (53.3)	173.9 (51)	166.1 (48.7)	158.3 (46.4)	150.8 (44.2)	143.4 (42)		
	-10	(-23.3)	163.8 (48)	156.7 (45.9)	149.6 (43.8)	142.6 (41.8)	135.8 (39.8)	129.1 (37.8)		
	-15	(-26.1)	146.7 (43)	140.3 (41.1)	134.0 (39.3)	127.7 (37.4)	121.5 (35.6)	115.4 (33.8)		
TVS040L6-A  Compressor Model 6DUNF13ME	-20	(-28.9)	130.6 (38.3)	124.9 (36.6)	119.1 (34.9)	113.4 (33.2)	107.8 (31.6)	102.3 (30)		
	-25	(-31.7)	115.5 (33.8)	110.3 (32.3)	105.1 (30.8)	99.9 (29.3)	94.8 (27.8)	89.7 (26.3)		
	-30	(-34.4)	101.4 (29.7)	96.7 (28.3)	92.0 (27)	87.2 (25.6)	82.4 (24.1)	77.7 (22.8)		
	-35	(-37.2)	88.3 (25.9)	84.0 (24.6)	79.7 (23.4)	75.2 (22)	70.7 (20.7)	66.2 (19.4)		
	-40	(-40)	76.3 (22.4)	72.3 (21.2)	68.2 (20)	63.9 (18.7)	59.6 (17.5)	55.2 (16.2)		
	0	(-17.8)	246.4 (72.2)	235.8 (69.1)	225.5 (66.1)	215.7 (63.2)	206.5 (60.5)	- -		
	-5	(-20.6)	222.9 (65.3)	212.7 (62.3)	202.9 (59.5)	193.3 (56.7)	184.3 (54)	175.8 (51.5)		
	-10	(-23.3)	201.8 (59.1)	192.2 (56.3)	182.8 (53.6)	173.7 (50.9)	164.9 (48.3)	156.6 (45.9)		
TVS040L6-A  Compressor Model 6DUNF13ME	-15	(-26.1)	182.7 (53.5)	173.7 (50.9)	164.8 (48.3)	156.1 (45.7)	147.8 (43.3)	139.8 (41)		
	-20	(-28.9)	164.8 (48.3)	156.5 (45.9)	148.2 (43.4)	140.1 (41.1)	132.2 (38.7)	124.7 (36.5)		
	-25	(-31.7)	147.7 (43.3)	140.1 (41.1)	132.6 (38.9)	125.0 (36.6)	117.7 (34.5)	110.6 (32.4)		
	-30	(-34.4)	130.8 (38.3)	124.0 (36.3)	117.1 (34.3)	110.3 (32.3)	103.5 (30.3)	96.9 (28.4)		
	-35	(-37.2)	113.4 (33.2)	107.4 (31.5)	101.4 (29.7)	95.2 (27.9)	89.1 (26.1)	83.1 (24.4)		
	-40	(-40)	94.8 (27.8)	89.9 (26.3)	84.6 (24.8)	79.3 (23.2)	73.9 (21.7)	68.5 (20.1)		

**CAPACITY DATA - R404A | R507**  
**LOW TEMPERATURE MODELS**  
**w/ 850RPM CONDENSER MOTOR(S)**
**60Hz**

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)		
TVS010D6-A  Compressor Model 3DS3F46KE	0	(-17.8)	87.5 (25.6)	84.0 (24.6)	80.6 (23.6)	77.1 (22.6)	73.7 (21.6)	70.4 (20.6)		
	-5	(-20.6)	79.3 (23.2)	76.2 (22.3)	73.0 (21.4)	69.9 (20.5)	66.8 (19.6)	63.8 (18.7)		
	-10	(-23.3)	71.4 (20.9)	68.6 (20.1)	65.8 (19.3)	63.0 (18.5)	60.2 (17.6)	57.4 (16.8)		
	-15	(-26.1)	64.0 (18.8)	61.5 (18.0)	58.9 (17.3)	56.4 (16.5)	53.8 (15.8)	51.3 (15.0)		
	-20	(-28.9)	57.0 (16.7)	54.7 (16.0)	52.4 (15.4)	50.1 (14.7)	47.8 (14.0)	45.5 (13.3)		
	-25	(-31.7)	50.4 (14.8)	48.4 (14.2)	46.3 (13.6)	44.2 (13.0)	42.1 (12.3)	40.0 (11.7)		
	-30	(-34.4)	44.3 (13.0)	42.4 (12.4)	40.5 (11.9)	38.6 (11.3)	36.7 (10.8)	34.7 (10.2)		
	-35	(-37.2)	38.6 (11.3)	36.9 (10.8)	35.2 (10.3)	33.4 (9.8)	31.6 (9.3)	29.8 (8.7)		
TVS015D6-A  Compressor Model 4DHNF63KE	-40	(-40)	33.4 (9.8)	31.9 (9.3)	30.3 (8.9)	28.6 (8.4)	26.9 (7.9)	25.2 (7.4)		
	0	(-17.8)	114.6 (33.6)	109.7 (32.2)	105.0 (30.8)	100.6 (29.5)	96.3 (28.2)	-	-	
	-5	(-20.6)	104.0 (30.5)	99.5 (29.2)	95.1 (27.9)	91.0 (26.7)	87.0 (25.5)	-	-	
	-10	(-23.3)	94.2 (27.6)	89.9 (26.3)	85.9 (25.2)	82.0 (24.0)	78.4 (23.0)	75.0 (22.0)		
	-15	(-26.1)	84.9 (24.9)	81.0 (23.7)	77.2 (22.6)	73.6 (21.6)	70.3 (20.6)	67.1 (19.7)		
	-20	(-28.9)	76.2 (22.3)	72.5 (21.2)	69.0 (20.2)	65.7 (19.3)	62.6 (18.3)	59.8 (17.5)		
	-25	(-31.7)	67.9 (19.9)	64.5 (18.9)	61.3 (18.0)	58.2 (17.1)	55.3 (16.2)	52.7 (15.4)		
	-30	(-34.4)	59.9 (17.6)	56.8 (16.6)	53.8 (15.8)	51.0 (14.9)	48.3 (14.2)	45.8 (13.4)		
TVS022D6-A  Compressor Model 4DJNF76KE	-35	(-37.2)	52.2 (15.3)	49.3 (14.4)	46.5 (13.6)	43.8 (12.8)	41.4 (12.1)	39.1 (11.5)		
	-40	(-40)	44.6 (13.1)	41.9 (12.3)	39.3 (11.5)	36.8 (10.8)	34.5 (10.1)	32.3 (9.5)		
	0	(-17.8)	141.4 (41.4)	135.2 (39.6)	129.3 (37.9)	123.7 (36.3)	118.3 (34.7)	113.3 (33.2)		
	-5	(-20.6)	128.8 (37.7)	123.1 (36.1)	117.7 (34.5)	112.5 (33.0)	107.5 (31.5)	102.8 (30.1)		
	-10	(-23.3)	116.8 (34.2)	111.6 (32.7)	106.6 (31.2)	101.8 (29.8)	97.2 (28.5)	92.7 (27.2)		
	-15	(-26.1)	105.3 (30.9)	100.6 (29.5)	96.0 (28.1)	91.6 (26.8)	87.3 (25.6)	83.1 (24.4)		
	-20	(-28.9)	94.3 (27.6)	90.1 (26.4)	85.9 (25.2)	81.8 (24.0)	77.8 (22.8)	73.8 (21.6)		
	-25	(-31.7)	83.9 (24.6)	80.0 (23.4)	76.2 (22.3)	72.4 (21.2)	68.6 (20.1)	64.8 (19.0)		
TVS027D6-A  Compressor Model 6DHNF93KE	-30	(-34.4)	73.8 (21.6)	70.4 (20.6)	66.8 (19.6)	63.3 (18.6)	59.7 (17.5)	56.0 (16.4)		
	-35	(-37.2)	64.2 (18.8)	61.0 (17.9)	57.8 (16.9)	54.4 (15.9)	51.0 (14.9)	47.4 (13.9)		
	-40	(-40)	54.8 (16.1)	51.9 (15.2)	48.9 (14.3)	45.7 (13.4)	42.4 (12.4)	38.8 (11.4)		
	0	(-17.8)	179.9 (52.7)	172.5 (50.6)	165.1 (48.4)	158.0 (46.3)	150.9 (44.2)	143.9 (42.2)		
	-5	(-20.6)	163.4 (47.9)	156.6 (45.9)	149.9 (43.9)	143.3 (42.0)	136.9 (40.1)	130.5 (38.2)		
	-10	(-23.3)	147.3 (43.2)	141.1 (41.4)	135.0 (39.6)	129.0 (37.8)	123.1 (36.1)	117.2 (34.3)		
	-15	(-26.1)	131.8 (38.6)	126.1 (37.0)	120.5 (35.3)	115.1 (33.7)	109.6 (32.1)	104.2 (30.5)		
	-20	(-28.9)	116.9 (34.3)	111.8 (32.8)	106.7 (31.3)	101.7 (29.8)	96.6 (28.3)	91.6 (26.8)		
	-25	(-31.7)	102.9 (30.2)	98.2 (28.8)	93.5 (27.4)	88.9 (26.1)	84.3 (24.7)	79.6 (23.3)		
	-30	(-34.4)	89.9 (26.3)	85.5 (25.1)	81.2 (23.8)	76.9 (22.5)	72.6 (21.3)	68.2 (20.0)		
	-35	(-37.2)	77.9 (22.8)	73.9 (21.7)	69.9 (20.5)	65.8 (19.3)	61.7 (18.1)	57.5 (16.9)		
	-40	(-40)	67.1 (19.7)	63.3 (18.6)	59.6 (17.5)	55.7 (16.3)	51.8 (15.2)	47.8 (14.0)		

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>TVD030H8-A</b> Compressor 3DS3R17ME	45 (7.2)	<b>431.8</b> (126.5)	<b>415.2</b> (121.7)	<b>398.6</b> (116.8)	<b>382.4</b> (112.1)	<b>366.4</b> (107.4)	<b>350.8</b> (102.8)		
	40 (4.4)	<b>396.0</b> (116.1)	<b>381.2</b> (111.7)	<b>366.2</b> (107.3)	<b>351.6</b> (103)	<b>337.0</b> (98.8)	<b>322.8</b> (94.6)		
	35 (1.7)	<b>361.8</b> (106)	<b>348.4</b> (102.1)	<b>335.0</b> (98.2)	<b>321.8</b> (94.3)	<b>308.8</b> (90.5)	<b>295.6</b> (86.6)		
<b>TVD044H8-A</b> Compressor 4DANR18ME	45 (7.2)	<b>561.8</b> (164.6)	<b>541.2</b> (158.6)	<b>520.8</b> (152.6)	<b>500.4</b> (146.7)	<b>479.8</b> (140.6)	<b>459.4</b> (134.6)		
	40 (4.4)	<b>512.0</b> (150.1)	<b>493.2</b> (144.5)	<b>474.4</b> (139)	<b>455.4</b> (133.5)	<b>436.8</b> (128)	<b>418.0</b> (122.5)		
	35 (1.7)	<b>465.4</b> (136.4)	<b>448.2</b> (131.4)	<b>431.0</b> (126.3)	<b>413.8</b> (121.3)	<b>396.4</b> (116.2)	<b>379.2</b> (111.1)		
<b>TVD050H8-A</b> Compressor 4DHNR22ME	45 (7.2)	<b>601.2</b> (176.2)	<b>578.0</b> (169.4)	<b>554.2</b> (162.4)	<b>530.4</b> (155.4)	<b>506.6</b> (148.5)	<b>482.6</b> (141.4)		
	40 (4.4)	<b>555.0</b> (162.7)	<b>533.2</b> (156.3)	<b>511.2</b> (149.8)	<b>488.8</b> (143.3)	<b>466.6</b> (136.7)	<b>444.4</b> (130.2)		
	35 (1.7)	<b>508.8</b> (149.1)	<b>488.6</b> (143.2)	<b>468.0</b> (137.2)	<b>447.6</b> (131.2)	<b>427.0</b> (125.1)	<b>406.4</b> (119.1)		
<b>TVD060H8-A</b> Compressor 4DJNR28ME	45 (7.2)	<b>701.4</b> (205.6)	<b>674.6</b> (197.7)	<b>647.2</b> (189.7)	<b>619.2</b> (181.5)	<b>591.0</b> (173.2)	<b>562.0</b> (164.7)		
	40 (4.4)	<b>645.8</b> (189.3)	<b>621.0</b> (182)	<b>595.6</b> (174.6)	<b>569.8</b> (167)	<b>543.4</b> (159.3)	<b>516.8</b> (151.5)		
	35 (1.7)	<b>591.6</b> (173.4)	<b>568.6</b> (166.6)	<b>545.4</b> (159.8)	<b>521.6</b> (152.9)	<b>497.4</b> (145.8)	<b>473.2</b> (138.7)		
<b>TVD070H8-A</b> Compressor 6DHNR35ME	45 (7.2)	<b>878.0</b> (257.3)	<b>850.2</b> (249.2)	<b>821.8</b> (240.8)	<b>791.8</b> (232.1)	<b>760.6</b> (222.9)	<b>727.8</b> (213.3)		
	40 (4.4)	<b>800.2</b> (234.5)	<b>774.4</b> (227)	<b>747.8</b> (219.2)	<b>720.4</b> (211.1)	<b>691.4</b> (202.6)	<b>661.0</b> (193.7)		
	35 (1.7)	<b>729.6</b> (213.8)	<b>706.0</b> (206.9)	<b>681.4</b> (199.7)	<b>656.0</b> (192.3)	<b>629.6</b> (184.5)	<b>601.4</b> (176.3)		
<b>TVD080H8-A</b> Compressor 6DJNR40ME	45 (7.2)	<b>1046.2</b> (306.6)	<b>1004.4</b> (294.4)	<b>962.0</b> (281.9)	<b>919.2</b> (269.4)	<b>876.2</b> (256.8)	<b>832.8</b> (244.1)		
	40 (4.4)	<b>956.2</b> (280.2)	<b>919.2</b> (269.4)	<b>881.8</b> (258.4)	<b>844.0</b> (247.4)	<b>806.0</b> (236.2)	<b>767.6</b> (225)		
	35 (1.7)	<b>873.0</b> (255.9)	<b>840.6</b> (246.4)	<b>807.8</b> (236.7)	<b>774.4</b> (227)	<b>741.0</b> (217.2)	<b>707.2</b> (207.3)		

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

**CAPACITY DATA - R407A**  
**MEDIUM TEMPERATURE**
**60Hz**

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)		
TVD030M8-A	30 (-1.1)	329.1 (96.4)	317.1 (92.9)	304.9 (89.4)	293.0 (85.9)	281.2 (82.4)	269.2 (78.9)		
	25 (-3.9)	298.0 (87.3)	287.1 (84.1)	276.4 (81)	265.7 (77.9)	254.9 (74.7)	244.4 (71.6)		
	20 (-6.7)	268.6 (78.7)	258.9 (75.9)	249.1 (73)	239.4 (70.2)	229.5 (67.3)	219.9 (64.4)		
	15 (-9.4)	241.1 (70.7)	232.3 (68.1)	223.2 (65.4)	214.4 (62.8)	205.4 (60.2)	196.4 (57.5)		
	10 (-12.2)	215.0 (63)	207.1 (60.7)	199.1 (58.3)	190.7 (55.9)	182.3 (53.4)	173.9 (51)		
	5 (-15)	191.1 (56)	183.8 (53.9)	176.2 (51.6)	168.4 (49.4)	160.4 (47)	152.3 (44.6)		
	0 (-17.8)	169.1 (49.5)	161.9 (47.5)	154.8 (45.4)	147.2 (43.1)	139.4 (40.9)	131.7 (38.6)		
TVD040M8-A	30 (-1.1)	372.0 (109)	358.0 (104.9)	343.8 (100.8)	329.2 (96.5)	314.0 (92)	298.6 (87.5)		
	25 (-3.9)	335.6 (98.4)	323.0 (94.7)	310.2 (90.9)	297.2 (87.1)	283.8 (83.2)	270.0 (79.1)		
	20 (-6.7)	301.4 (88.3)	290.2 (85)	279.0 (81.8)	267.4 (78.4)	255.4 (74.9)	243.2 (71.3)		
	15 (-9.4)	269.6 (79)	259.8 (76.1)	249.6 (73.2)	239.6 (70.2)	229.2 (67.2)	218.4 (64)		
	10 (-12.2)	240.0 (70.3)	231.2 (67.8)	222.4 (65.2)	213.6 (62.6)	204.4 (59.9)	195.2 (57.2)		
	5 (-15)	212.4 (62.2)	204.6 (60)	196.8 (57.7)	189.2 (55.4)	181.4 (53.2)	173.4 (50.8)		
	0 (-17.8)	186.6 (54.7)	179.6 (52.6)	172.8 (50.6)	166.2 (48.7)	159.6 (46.8)	152.8 (44.8)		
TVD044M8-A	30 (-1.1)	421.9 (123.6)	406.1 (119)	390.4 (114.4)	374.6 (109.8)	358.9 (105.2)	342.5 (100.4)		
	25 (-3.9)	381.2 (111.7)	366.9 (107.5)	352.6 (103.3)	338.3 (99.1)	324.0 (95)	310.0 (90.8)		
	20 (-6.7)	343.4 (100.6)	330.5 (96.9)	317.5 (93.1)	304.7 (89.3)	291.7 (85.5)	278.7 (81.7)		
	15 (-9.4)	308.3 (90.3)	296.7 (87)	285.2 (83.6)	273.4 (80.1)	261.9 (76.7)	250.1 (73.3)		
	10 (-12.2)	275.9 (80.9)	265.4 (77.8)	255.2 (74.8)	244.7 (71.7)	234.2 (68.6)	223.4 (65.5)		
	5 (-15)	245.9 (72.1)	236.7 (69.4)	227.2 (66.6)	218.0 (63.9)	208.5 (61.1)	198.9 (58.3)		
	0 (-17.8)	218.0 (63.9)	209.8 (61.5)	201.6 (59.1)	193.2 (56.6)	184.6 (54.1)	176.0 (51.6)		
TVD050M8-A	30 (-1.1)	463.5 (135.8)	444.8 (130.4)	426.1 (124.9)	407.0 (119.3)	388.1 (113.7)	369.2 (108.2)		
	25 (-3.9)	419.4 (122.9)	402.2 (117.9)	384.9 (112.8)	367.5 (107.7)	350.3 (102.7)	332.6 (97.5)		
	20 (-6.7)	376.5 (110.3)	361.2 (105.9)	345.5 (101.2)	329.7 (96.6)	314.2 (92.1)	298.2 (87.4)		
	15 (-9.4)	336.0 (98.5)	322.1 (94.4)	308.1 (90.3)	293.8 (86.1)	279.9 (82)	266.3 (78)		
	10 (-12.2)	298.0 (87.3)	285.6 (83.7)	273.0 (80)	260.4 (76.3)	248.2 (72.7)	236.3 (69.2)		
	5 (-15)	262.7 (77)	251.8 (73.8)	240.9 (70.6)	230.0 (67.4)	219.5 (64.3)	209.2 (61.3)		
	0 (-17.8)	231.0 (67.7)	221.6 (64.9)	212.3 (62.2)	203.1 (59.5)	194.0 (56.9)	185.6 (54.4)		
TVD060M8-A	30 (-1.1)	539.1 (158)	518.1 (151.8)	496.9 (145.6)	475.2 (139.3)	453.4 (132.9)	430.5 (126.2)		
	25 (-3.9)	488.7 (143.2)	469.6 (137.6)	450.5 (132)	430.9 (126.3)	411.2 (120.5)	390.6 (114.5)		
	20 (-6.7)	440.4 (129.1)	423.4 (124.1)	405.9 (119)	388.7 (113.9)	371.1 (108.7)	353.0 (103.5)		
	15 (-9.4)	394.6 (115.6)	379.3 (111.1)	363.9 (106.7)	348.8 (102.2)	333.5 (97.7)	318.4 (93.3)		
	10 (-12.2)	351.5 (103)	337.9 (99)	324.7 (95.1)	311.4 (91.3)	298.2 (87.4)	285.4 (83.6)		
	5 (-15)	311.0 (91.1)	299.3 (87.7)	287.7 (84.3)	276.6 (81.1)	265.9 (77.9)	255.4 (74.8)		
	0 (-17.8)	273.4 (80.1)	263.3 (77.2)	253.9 (74.4)	244.7 (71.7)	236.0 (69.2)	227.9 (66.8)		
TVD070M8-A	30 (-1.1)	665.7 (195.1)	644.1 (188.8)	621.6 (182.2)	598.5 (175.4)	574.1 (168.3)	548.5 (160.8)		
	25 (-3.9)	607.3 (178)	587.6 (172.2)	567.4 (166.3)	546.4 (160.1)	524.4 (153.7)	501.1 (146.8)		
	20 (-6.7)	553.6 (162.2)	535.9 (157.1)	517.7 (151.7)	499.0 (146.2)	479.2 (140.4)	458.2 (134.3)		
	15 (-9.4)	503.4 (147.5)	487.6 (142.9)	471.7 (138.2)	455.1 (133.4)	437.6 (128.3)	419.0 (122.8)		
	10 (-12.2)	455.5 (133.5)	442.1 (129.6)	428.0 (125.4)	413.7 (121.2)	398.6 (116.8)	382.4 (112.1)		
	5 (-15)	409.1 (119.9)	397.5 (116.5)	385.8 (113.1)	373.6 (109.5)	361.0 (105.8)	347.1 (101.7)		
	0 (-17.8)	362.9 (106.3)	353.4 (103.6)	343.8 (100.7)	333.9 (97.9)	323.4 (94.8)	312.3 (91.5)		
TVD080M8-A	30 (-1.1)	796.7 (233.5)	768.4 (225.2)	739.6 (216.8)	710.2 (208.1)	680.8 (199.5)	651.0 (190.8)		
	25 (-3.9)	726.4 (212.9)	701.6 (205.6)	676.2 (198.2)	650.4 (190.6)	624.1 (182.9)	597.5 (175.1)		
	20 (-6.7)	661.3 (193.8)	639.2 (187.3)	616.6 (180.7)	593.3 (173.9)	569.7 (167)	545.8 (160)		
	15 (-9.4)	600.0 (175.8)	580.0 (170)	559.2 (163.9)	538.0 (157.7)	516.4 (151.3)	494.3 (144.9)		
	10 (-12.2)	541.4 (158.7)	522.5 (153.1)	503.0 (147.4)	483.0 (141.6)	462.4 (135.5)	441.4 (129.4)		
	5 (-15)	483.8 (141.8)	465.4 (136.4)	446.3 (130.8)	426.7 (125.1)	406.6 (119.2)	386.0 (113.1)		
	0 (-17.8)	426.1 (124.9)	407.2 (119.3)	387.9 (113.7)	367.7 (107.8)	347.1 (101.7)	326.3 (95.6)		
TVD100M8-A	30 (-1.1)	922.7 (270.4)	892.7 (261.6)	862.7 (252.8)	832.4 (244)	801.6 (234.9)	770.1 (225.7)		
	25 (-3.9)	844.4 (247.5)	817.1 (239.5)	789.6 (231.4)	761.7 (223.2)	732.9 (214.8)	703.3 (206.1)		
	20 (-6.7)	768.8 (225.3)	743.8 (218)	718.6 (210.6)	692.4 (202.9)	665.5 (195)	637.6 (186.8)		
	15 (-9.4)	696.4 (204.1)	673.3 (197.3)	649.5 (190.4)	625.0 (183.2)	599.6 (175.7)	572.7 (167.8)		
	10 (-12.2)	626.9 (183.7)	605.2 (177.4)	582.8 (170.8)	559.4 (164)	534.7 (156.7)	508.6 (149.1)		
	5 (-15)	560.3 (164.2)	539.7 (158.2)	518.1 (151.8)	495.4 (145.2)	471.0 (138)	445.2 (130.5)		
	0 (-17.8)	496.9 (145.6)	476.9 (139.8)	455.5 (133.5)	432.8 (126.8)	408.7 (119.8)	382.6 (112.1)		

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

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE	CAPACITY MBH (KW) R407A						AMBIENT TEMPERATURE °F (°C)		
		85 (29.4)	90 (32.2)	95 (35)	100 (37.8)	105 (40.6)	110 (43.3)			
TVD020L8-A  Compressor Model 3DS3F46KE	0 (-17.8)	161.1 (47.2)	155.0 (45.4)	148.7 (43.6)	142.4 (41.7)	135.9 (39.8)	129.2 (37.8)			
	-5 (-20.6)	142.8 (41.9)	137.1 (40.2)	131.3 (38.5)	125.2 (36.7)	119.3 (35)	113.0 (33.1)			
	-10 (-23.3)	126.0 (36.9)	120.8 (35.4)	115.3 (33.8)	109.6 (32.1)	104.0 (30.5)	98.3 (28.8)			
	-15 (-26.1)	110.7 (32.4)	105.6 (31)	100.6 (29.5)	95.6 (28)	90.3 (26.5)	84.8 (24.9)			
	-20 (-28.9)	96.4 (28.2)	91.8 (26.9)	87.2 (25.5)	82.3 (24.1)	77.5 (22.7)	72.7 (21.3)			
	-25 (-31.7)	83.2 (24.4)	79.0 (23.1)	74.6 (21.8)	70.1 (20.6)	65.7 (19.3)	61.3 (18)			
	-30 (-34.4)	70.8 (20.7)	66.8 (19.6)	62.8 (18.4)	58.8 (17.2)	54.8 (16.1)	50.8 (14.9)			
	-35 (-37.2)	58.8 (17.2)	55.2 (16.2)	51.7 (15.1)	47.9 (14)	44.3 (13)	40.7 (11.9)			
	-40 (-40)	47.3 (13.8)	43.9 (12.9)	40.7 (11.9)	37.4 (11)	34.2 (10)	30.9 (9)			
TVD030L8-A  Compressor Model 4DL3F63KE	0 (-17.8)	214.4 (62.8)	205.2 (60.1)	196.1 (57.5)	187.1 (54.8)	177.9 (52.1)	---	---	---	---
	-5 (-20.6)	192.2 (56.3)	184.0 (53.9)	175.8 (51.5)	167.6 (49.1)	159.2 (46.7)	---	---	---	---
	-10 (-23.3)	171.2 (50.2)	163.8 (48)	156.2 (45.8)	148.9 (43.6)	141.3 (41.4)	133.8 (39.2)			
	-15 (-26.1)	151.2 (44.3)	144.7 (42.4)	137.8 (40.4)	131.0 (38.4)	124.1 (36.4)	117.2 (34.3)			
	-20 (-28.9)	132.5 (38.8)	126.4 (37)	120.3 (35.3)	114.2 (33.5)	107.9 (31.6)	101.6 (29.8)			
	-25 (-31.7)	114.9 (33.7)	109.4 (32.1)	104.0 (30.5)	98.3 (28.8)	92.6 (27.1)	86.7 (25.4)			
	-30 (-34.4)	98.5 (28.9)	93.7 (27.4)	88.6 (26)	83.4 (24.4)	78.1 (22.9)	72.9 (21.4)			
	-35 (-37.2)	83.6 (24.5)	79.0 (23.1)	74.3 (21.8)	69.7 (20.4)	64.7 (19)	59.9 (17.5)			
	-40 (-40)	69.7 (20.4)	65.7 (19.3)	61.3 (18)	56.9 (16.7)	52.3 (15.3)	47.7 (14)			
TVD044L8-A  Compressor Model 4DT3F76KE	0 (-17.8)	279.1 (81.8)	267.8 (78.5)	256.4 (75.1)	245.1 (71.8)	233.3 (68.4)	---	---	---	---
	-5 (-20.6)	247.2 (72.4)	236.9 (69.4)	226.2 (66.3)	215.5 (63.1)	204.5 (59.9)	193.6 (56.7)			
	-10 (-23.3)	217.6 (63.8)	207.9 (60.9)	198.2 (58.1)	188.4 (55.2)	178.3 (52.3)	168.0 (49.2)			
	-15 (-26.1)	190.3 (55.8)	181.4 (53.2)	172.6 (50.6)	163.8 (48)	154.6 (45.3)	145.1 (42.5)			
	-20 (-28.9)	165.3 (48.4)	157.5 (46.2)	149.7 (43.9)	141.5 (41.5)	133.4 (39.1)	125.0 (36.6)			
	-25 (-31.7)	143.0 (41.9)	136.1 (39.9)	129.2 (37.8)	122.2 (35.8)	114.9 (33.7)	107.5 (31.5)			
	-30 (-34.4)	123.3 (36.1)	117.6 (34.5)	111.5 (32.7)	105.4 (30.9)	99.3 (29.1)	92.8 (27.2)			
	-35 (-37.2)	106.5 (31.2)	101.6 (29.8)	96.8 (28.4)	92.0 (27)	86.7 (25.4)	81.3 (23.8)			
	-40 (-40)	92.6 (27.1)	89.0 (26.1)	85.3 (25)	81.3 (23.8)	77.3 (22.6)	73.1 (21.4)			
TVD054L8-A  Compressor Model 6DL3F93KE	0 (-17.8)	338.5 (99.2)	325.5 (95.4)	311.4 (91.3)	296.7 (87)	281.4 (82.5)	---	---	---	---
	-5 (-20.6)	295.1 (86.5)	283.3 (83)	270.9 (79.4)	257.9 (75.6)	244.0 (71.5)	229.5 (67.3)			
	-10 (-23.3)	257.9 (75.6)	247.4 (72.5)	236.3 (69.2)	224.5 (65.8)	211.9 (62.1)	198.9 (58.3)			
	-15 (-26.1)	225.8 (66.2)	216.3 (63.4)	206.2 (60.4)	195.5 (57.3)	184.2 (54)	172.2 (50.5)			
	-20 (-28.9)	197.8 (58)	189.2 (55.5)	179.8 (52.7)	169.9 (49.8)	159.6 (46.8)	148.5 (43.5)			
	-25 (-31.7)	172.6 (50.6)	164.4 (48.2)	155.8 (45.7)	146.6 (43)	136.7 (40.1)	126.4 (37)			
	-30 (-34.4)	149.1 (43.7)	141.1 (41.4)	132.7 (38.9)	123.7 (36.2)	114.5 (33.5)	104.8 (30.7)			
	-35 (-37.2)	125.6 (36.8)	117.6 (34.5)	109.2 (32)	100.6 (29.5)	91.6 (26.8)	82.1 (24.1)			
	-40 (-40)	100.8 (29.5)	92.8 (27.2)	84.4 (24.7)	75.8 (22.2)	66.8 (19.6)	57.5 (16.9)			
TVD060L8-A  Compressor Model 6DT3F11ME	0 (-17.8)	392.3 (115)	376.7 (110.4)	360.8 (105.7)	344.2 (100.9)	327.2 (95.9)	---	---	---	---
	-5 (-20.6)	348.6 (102.2)	334.3 (98)	319.6 (93.7)	304.5 (89.2)	288.5 (84.6)	---	---	---	---
	-10 (-23.3)	308.3 (90.3)	295.3 (86.5)	281.8 (82.6)	267.8 (78.5)	253.3 (74.2)	237.7 (69.7)			
	-15 (-26.1)	271.1 (79.5)	259.1 (75.9)	247.0 (72.4)	233.9 (68.6)	220.3 (64.6)	206.0 (60.4)			
	-20 (-28.9)	236.5 (69.3)	225.5 (66.1)	214.2 (62.8)	202.2 (59.3)	189.4 (55.5)	176.0 (51.6)			
	-25 (-31.7)	204.1 (59.8)	194.0 (56.9)	183.3 (53.7)	172.2 (50.5)	160.2 (47)	147.4 (43.2)			
	-30 (-34.4)	173.0 (50.7)	163.8 (48)	153.7 (45.1)	143.2 (42)	131.9 (38.7)	119.5 (35)			
	-35 (-37.2)	143.2 (42)	134.4 (39.4)	125.0 (36.6)	114.7 (33.6)	103.7 (30.4)	92.0 (27)			
	-40 (-40)	113.6 (33.3)	105.2 (30.8)	96.2 (28.2)	86.3 (25.3)	75.6 (22.2)	64.1 (18.8)			
TVD080L8-A  Compressor Model 6DUNF13ME	0 (-17.8)	445.6 (130.6)	429.9 (126)	414.1 (121.4)	398.4 (116.8)	382.0 (111.9)	---	---	---	---
	-5 (-20.6)	401.1 (117.6)	386.8 (113.4)	372.1 (109.1)	357.4 (104.7)	342.1 (100.3)	---	---	---	---
	-10 (-23.3)	357.4 (104.7)	344.2 (100.9)	330.5 (96.9)	316.7 (92.8)	302.2 (88.6)	---	---	---	---
	-15 (-26.1)	315.0 (92.3)	302.6 (88.7)	290.0 (85)	277.0 (81.2)	263.1 (77.1)	248.9 (72.9)			
	-20 (-28.9)	274.5 (80.4)	262.9 (77.1)	251.0 (73.5)	238.6 (69.9)	225.3 (66)	211.5 (62)			
	-25 (-31.7)	236.5 (69.3)	225.5 (66.1)	214.2 (62.8)	202.2 (59.3)	189.4 (55.5)	175.8 (51.5)			
	-30 (-34.4)	201.4 (59)	191.1 (56)	180.2 (52.8)	168.4 (49.4)	155.8 (45.7)	142.4 (41.7)			
	-35 (-37.2)	170.3 (49.9)	160.2 (47)	149.3 (43.8)	137.8 (40.4)	125.2 (36.7)	111.7 (32.7)			
	-40 (-40)	143.2 (42)	133.1 (39)	122.4 (35.9)	110.7 (32.4)	98.1 (28.7)	84.4 (24.7)			

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

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

**60Hz**

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)					
TVD020D8-A  Compressor Model 3DS3F46KE	0 -5 -10 -15 -20 -25 -30 -35 -40	(-17.8) (-20.6) (-23.3) (-26.1) (-28.9) (-31.7) (-34.4) (-37.2) (-40)	80.5 71.4 63.0 55.3 48.2 41.6 35.4 29.4 23.6	(23.6) (20.9) (18.5) (16.2) (14.1) (12.2) (10.4) (8.6) (6.9)	77.5 68.6 60.4 52.8 45.9 39.5 33.4 27.6 21.9	(22.7) (20.1) (17.7) (15.5) (13.4) (11.6) (9.8) (8.1) (6.4)	74.3 65.6 57.6 50.3 43.6 37.3 31.4 25.8 20.4	(21.8) (19.2) (16.9) (14.7) (12.8) (10.9) (9.2) (7.6) (6)	71.2 62.6 54.8 47.8 41.2 35.1 29.4 23.9 18.7	(20.9) (18.3) (16.1) (14) (12.1) (10.3) (8.6) (7) (5.5)	67.9 59.6 52.0 45.2 38.7 32.9 27.4 22.2 17.1	(19.9) (17.5) (15.2) (13.2) (11.4) (9.6) (8) (6.5) (5)	64.6 56.5 49.1 42.4 36.3 30.7 25.4 20.4 15.4	(18.9) (16.6) (14.4) (12.4) (10.6) (9) (7.4) (6) (4.5)
	0 -5 -10 -15 -20 -25 -30 -35 -40	(-17.8) (-20.6) (-23.3) (-26.1) (-28.9) (-31.7) (-34.4) (-37.2) (-40)	107.2 96.1 85.6 75.6 66.3 57.4 49.2 41.8 34.9	(31.4) (28.2) (25.1) (22.2) (19.4) (16.8) (14.4) (12.2) (10.2)	102.6 92.0 81.9 72.3 63.2 54.7 46.8 39.5 32.9	(30.1) (27) (24) (21.2) (18.5) (16) (13.7) (11.6) (9.6)	98.1 87.9 78.1 68.9 60.2 52.0 44.3 37.2 30.7	(28.7) (25.8) (22.9) (20.2) (17.6) (15.2) (13) (10.9) (9)	93.6 83.8 74.4 65.5 57.1 49.1 41.7 34.9 28.5	(27.4) (24.6) (21.8) (19.2) (16.7) (14.4) (12.2) (10.2) (8.3)	88.9 79.6 70.7 62.1 54.0 46.3 39.1 32.3 26.1	(26.1) (23.3) (20.7) (18.2) (15.8) (13.6) (11.4) (9.5) (7.7)	---	---
	0 -5 -10 -15 -20 -25 -30 -35 -40	(-17.8) (-20.6) (-23.3) (-26.1) (-28.9) (-31.7) (-34.4) (-37.2) (-40)	139.5 123.6 108.8 95.1 82.6 71.5 61.6 53.2 46.3	(40.9) (36.2) (31.9) (27.9) (24.2) (21) (18.1) (15.6) (13.6)	133.9 118.4 104.0 90.7 78.8 68.0 58.8 50.8 44.5	(39.2) (34.7) (30.5) (26.6) (23.1) (19.9) (17.2) (14.9) (13)	128.2 113.1 99.1 86.3 74.9 64.6 55.8 48.4 42.6	(37.6) (33.1) (29) (25.3) (21.9) (18.9) (16.3) (14.2) (12.5)	122.5 107.7 94.2 81.9 70.8 61.1 52.7 46.0 40.6	(35.9) (31.6) (27.6) (24) (20.7) (17.9) (15.4) (13.5) (11.9)	116.7 102.3 89.1 77.3 66.7 57.4 49.7 43.4 38.6	(34.2) (30) (26.1) (22.6) (19.5) (16.8) (14.6) (12.7) (11.3)	---	---
	0 -5 -10 -15 -20 -25 -30 -35 -40	(-17.8) (-20.6) (-23.3) (-26.1) (-28.9) (-31.7) (-34.4) (-37.2) (-40)	169.3 147.5 128.9 112.9 98.9 86.3 74.6 62.8 50.4	(49.6) (43.2) (37.8) (33.1) (29) (25.3) (21.8) (18.4) (14.8)	162.8 141.6 123.7 108.2 94.6 82.2 70.6 58.8 46.4	(47.7) (41.5) (36.2) (31.7) (27.7) (24.1) (20.7) (17.2) (13.6)	155.7 135.5 118.1 103.1 89.9 77.9 66.4 54.6 42.2	(45.6) (39.7) (34.6) (30.2) (26.3) (21.5) (19.4) (16) (12.4)	148.4 128.9 112.2 97.8 84.9 73.3 61.8 50.3 37.9	(43.5) (37.8) (32.9) (28.6) (24.9) (21.5) (18.1) (14.7) (11.1)	140.7 122.0 105.9 92.1 79.8 68.4 57.2 45.8 33.4	(41.2) (35.8) (31) (27) (23.4) (20) (16.8) (13.4) (9.8)	---	---
	0 -5 -10 -15 -20 -25 -30 -35 -40	(-17.8) (-20.6) (-23.3) (-26.1) (-28.9) (-31.7) (-34.4) (-37.2) (-40)	169.3 147.5 128.9 112.9 98.9 86.3 74.6 62.8 50.4	(49.6) (43.2) (37.8) (33.1) (29) (25.3) (21.8) (18.4) (14.8)	162.8 141.6 123.7 108.2 94.6 82.2 70.6 58.8 46.4	(47.7) (41.5) (36.2) (31.7) (27.7) (24.1) (20.7) (17.2) (13.6)	155.7 135.5 118.1 103.1 89.9 77.9 66.4 54.6 42.2	(45.6) (39.7) (34.6) (30.2) (26.3) (21.5) (19.4) (16) (12.4)	148.4 128.9 112.2 97.8 84.9 73.3 61.8 50.3 37.9	(43.5) (37.8) (32.9) (28.6) (24.9) (21.5) (18.1) (14.7) (11.1)	140.7 122.0 105.9 92.1 79.8 68.4 57.2 45.8 33.4	(41.2) (35.8) (31) (27) (23.4) (20) (16.8) (13.4) (9.8)	---	---
	0 -5 -10 -15 -20 -25 -30 -35 -40	(-17.8) (-20.6) (-23.3) (-26.1) (-28.9) (-31.7) (-34.4) (-37.2) (-40)	169.3 147.5 128.9 112.9 98.9 86.3 74.6 62.8 50.4	(49.6) (43.2) (37.8) (33.1) (29) (25.3) (21.8) (18.4) (14.8)	162.8 141.6 123.7 108.2 94.6 82.2 70.6 58.8 46.4	(47.7) (41.5) (36.2) (31.7) (27.7) (24.1) (20.7) (17.2) (13.6)	155.7 135.5 118.1 103.1 89.9 77.9 66.4 54.6 42.2	(45.6) (39.7) (34.6) (30.2) (26.3) (21.5) (19.4) (16) (12.4)	148.4 128.9 112.2 97.8 84.9 73.3 61.8 50.3 37.9	(43.5) (37.8) (32.9) (28.6) (24.9) (21.5) (18.1) (14.7) (11.1)	140.7 122.0 105.9 92.1 79.8 68.4 57.2 45.8 33.4	(41.2) (35.8) (31) (27) (23.4) (20) (16.8) (13.4) (9.8)	---	---
	0 -5 -10 -15 -20 -25 -30 -35 -40	(-17.8) (-20.6) (-23.3) (-26.1) (-28.9) (-31.7) (-34.4) (-37.2) (-40)	169.3 147.5 128.9 112.9 98.9 86.3 74.6 62.8 50.4	(49.6) (43.2) (37.8) (33.1) (29) (25.3) (21.8) (18.4) (14.8)	162.8 141.6 123.7 108.2 94.6 82.2 70.6 58.8 46.4	(47.7) (41.5) (36.2) (31.7) (27.7) (24.1) (20.7) (17.2) (13.6)	155.7 135.5 118.1 103.1 89.9 77.9 66.4 54.6 42.2	(45.6) (39.7) (34.6) (30.2) (26.3) (21.5) (19.4) (16) (12.4)	148.4 128.9 112.2 97.8 84.9 73.3 61.8 50.3 37.9	(43.5) (37.8) (32.9) (28.6) (24.9) (21.5) (18.1) (14.7) (11.1)	140.7 122.0 105.9 92.1 79.8 68.4 57.2 45.8 33.4	(41.2) (35.8) (31) (27) (23.4) (20) (16.8) (13.4) (9.8)	---	---
	0 -5 -10 -15 -20 -25 -30 -35 -40	(-17.8) (-20.6) (-23.3) (-26.1) (-28.9) (-31.7) (-34.4) (-37.2) (-40)	169.3 147.5 128.9 112.9 98.9 86.3 74.6 62.8 50.4	(49.6) (43.2) (37.8) (33.1) (29) (25.3) (21.8) (18.4) (14.8)	162.8 141.6 123.7 108.2 94.6 82.2 70.6 58.8 46.4	(47.7) (41.5) (36.2) (31.7) (27.7) (24.1) (20.7) (17.2) (13.6)	155.7 135.5 118.1 103.1 89.9 77.9 66.4 54.6 42.2	(45.6) (39.7) (34.6) (30.2) (26.3) (21.5) (19.4) (16) (12.4)	148.4 128.9 112.2 97.8 84.9 73.3 61.8 50.3 37.9	(43.5) (37.8) (32.9) (28.6) (24.9) (21.5) (18.1) (14.7) (11.1)	140.7 122.0 105.9 92.1 79.8 68.4 57.2 45.8 33.4	(41.2) (35.8) (31) (27) (23.4) (20) (16.8) (13.4) (9.8)	---	---
	0 -5 -10 -15 -20 -25 -30 -35 -40	(-17.8) (-20.6) (-23.3) (-26.1) (-28.9) (-31.7) (-34.4) (-37.2) (-40)	169.3 147.5 128.9 112.9 98.9 86.3 74.6 62.8 50.4	(49.6) (43.2) (37.8) (33.1) (29) (25.3) (21.8) (18.4) (14.8)	162.8 141.6 123.7 108.2 94.6 82.2 70.6 58.8 46.4	(47.7) (41.5) (36.2) (31.7) (27.7) (24.1) (20.7) (17.2) (13.6)	155.7 135.5 118.1 103.1 89.9 77.9 66.4 54.6 42.2	(45.6) (39.7) (34.6) (30.2) (26.3) (21.5) (19.4) (16) (12.4)	148.4 128.9 112.2 97.8 84.9 73.3 61.8 50.3 37.9	(43.5) (37.8) (32.9) (28.6) (24.9) (21.5) (18.1) (14.7) (11.1)	140.7 122.0 105.9 92.1 79.8 68.4 57.2 45.8 33.4	(41.2) (35.8) (31) (27) (23.4) (20) (16.8) (13.4) (9.8)	---	---

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

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °F      °C	CAPACITY MBH (kW)				R448A		R449A		AMBIENT TEMPERATURE °F (°C)	
		85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)				
<b>TVD030H8-A</b> Compressor 3DS3R17ME	45 (7.2)	443.2 (129.9)	426.4 (125)	409.6 (120)	393.0 (115.2)	376.6 (110.4)	360.2 (105.6)				
	40 (4.4)	408.0 (119.6)	393.0 (115.2)	377.8 (110.7)	362.6 (106.3)	347.8 (97.7)	333.0 (93.7)				
	35 (1.7)	374.0 (109.6)	360.4 (105.6)	346.8 (101.6)	333.2 (97.7)	319.8 (93.7)	306.6 (89.9)				
<b>TVD040H8-A</b> Compressor 4DANR18ME	45 (7.2)	501.6 (147)	483.0 (141.6)	463.8 (135.9)	443.8 (130.1)	423.0 (124)	-	-			
	40 (4.4)	458.2 (134.3)	441.4 (129.4)	423.8 (124.2)	405.6 (118.9)	387.0 (113.4)	-	-			
	35 (1.7)	417.2 (122.3)	402.0 (117.8)	386.2 (113.2)	369.8 (108.4)	353.0 (103.5)	-	-			
<b>TVD044H8-A</b> Compressor 4DBNR20ME	45 (7.2)	566.8 (166.1)	546.4 (160.1)	526.0 (154.2)	505.4 (148.1)	484.8 (142.1)	464.4 (136.1)				
	40 (4.4)	518.4 (151.9)	499.8 (146.5)	481.2 (141)	462.2 (135.5)	443.4 (129.9)	424.4 (124.4)				
	35 (1.7)	473.0 (138.6)	456.0 (133.6)	438.6 (128.5)	421.4 (123.5)	404.2 (118.5)	386.6 (113.3)				
<b>TVD050H8-A</b> Compressor 4DHNR22ME	45 (7.2)	611.2 (179.1)	589.0 (172.6)	566.8 (166.1)	544.6 (159.6)	522.2 (153)	---	---			
	40 (4.4)	560.0 (164.1)	539.8 (158.2)	519.4 (152.2)	498.8 (146.2)	478.2 (140.1)	---	---			
	35 (1.7)	511.6 (149.9)	493.0 (144.5)	474.4 (139)	455.4 (133.5)	436.6 (128)	417.4 (122.3)				
<b>TVD060H8-A</b> Compressor 4DJNR28ME	45 (7.2)	706.4 (207)	680.6 (199.5)	654.0 (191.7)	626.6 (183.6)	598.6 (175.4)	---	---			
	40 (4.4)	652.8 (191.3)	629.0 (184.3)	604.4 (177.1)	579.0 (169.7)	553.0 (162.1)	---	---			
	35 (1.7)	600.8 (176.1)	578.8 (169.6)	556.0 (162.9)	532.8 (156.1)	508.8 (149.1)	484.0 (141.8)				
<b>TVD070H8-A</b> Compressor 6DHNR35ME	45 (7.2)	870.6 (255.1)	840.6 (246.4)	810.8 (237.6)	781.0 (228.9)	751.0 (220.1)	---	---			
	40 (4.4)	806.8 (236.4)	779.8 (228.5)	752.6 (220.6)	725.4 (212.6)	698.2 (204.6)	---	---			
	35 (1.7)	743.4 (217.9)	718.8 (210.7)	694.4 (203.5)	670.0 (196.4)	645.4 (189.1)	620.8 (181.9)				
<b>TVD080H8-A</b> Compressor 6DJNR40ME	45 (7.2)	1033.0 (302.7)	997.2 (292.2)	961.6 (281.8)	925.8 (271.3)	890.2 (260.9)	---	---			
	40 (4.4)	957.6 (280.6)	925.2 (271.1)	892.8 (261.7)	860.4 (252.2)	828.0 (242.7)	---	---			
	35 (1.7)	882.6 (258.7)	853.2 (250)	824.0 (241.5)	794.8 (232.9)	765.4 (224.3)	736.2 (215.8)				

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

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE ° F      ° C	CAPACITY MBH (KW)		R448A	R449A	AMBIENT TEMPERATURE °F (°C)		
		85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)	
TVD030M8-A  Compressor Model 3DS3R17ME	30 (-1.1)	341.3 (100)	329.1 (96.4)	316.9 (92.9)	304.7 (89.3)	292.5 (85.7)	280.6 (82.2)	
	25 (-3.9)	309.8 (90.8)	298.8 (87.6)	287.9 (84.4)	277.0 (81.2)	266.1 (78)	255.4 (74.8)	
	20 (-6.7)	279.9 (82)	270.1 (79.1)	260.2 (76.3)	250.3 (73.4)	240.7 (70.5)	230.8 (67.6)	
	15 (-9.4)	251.6 (73.7)	242.8 (71.1)	233.9 (68.6)	224.9 (65.9)	216.1 (63.3)	207.3 (60.7)	
	10 (-12.2)	224.9 (65.9)	216.9 (63.6)	209.0 (61.2)	200.8 (58.8)	192.6 (56.4)	184.6 (54.1)	
	5 (-15)	200.1 (58.7)	192.8 (56.5)	185.4 (54.3)	177.9 (52.1)	170.3 (49.9)	162.8 (47.7)	
	0 (-17.8)	177.2 (51.9)	170.5 (50)	163.6 (47.9)	156.5 (45.9)	149.3 (43.8)	142.2 (41.7)	
TVD040M8-A  Compressor Model 4DANR18ME	30 (-1.1)	378.8 (111)	365.0 (107)	350.8 (102.8)	336.2 (98.5)	321.0 (94.1)	305.2 (89.4)	
	25 (-3.9)	342.6 (100.4)	330.2 (96.8)	317.6 (93.1)	304.6 (89.3)	291.0 (85.3)	277.0 (81.2)	
	20 (-6.7)	308.6 (90.4)	297.6 (87.2)	286.4 (83.9)	274.8 (80.5)	262.8 (77)	250.4 (73.4)	
	15 (-9.4)	276.6 (81.1)	267.0 (78.2)	257.0 (75.3)	246.8 (72.3)	236.4 (69.3)	225.6 (66.1)	
	10 (-12.2)	246.8 (72.3)	238.0 (69.8)	229.4 (67.2)	220.4 (64.6)	211.4 (62)	202.0 (59.2)	
	5 (-15)	218.6 (64.1)	211.0 (61.8)	203.4 (59.6)	195.6 (57.3)	187.8 (55)	179.6 (52.6)	
	0 (-17.8)	192.2 (56.3)	185.4 (54.3)	178.6 (52.3)	172.0 (50.4)	165.2 (48.4)	158.4 (46.4)	
TVD044M8-A  Compressor Model 4DBNR20ME	30 (-1.1)	430.1 (126)	414.5 (121.5)	398.8 (116.9)	383.3 (112.3)	367.3 (107.6)	351.3 (103)	
	25 (-3.9)	389.8 (114.2)	375.7 (110.1)	361.4 (105.9)	347.1 (101.7)	332.9 (97.5)	318.4 (93.3)	
	20 (-6.7)	352.0 (103.1)	339.4 (99.5)	326.6 (95.7)	313.5 (91.9)	300.5 (88.1)	287.3 (84.2)	
	15 (-9.4)	316.7 (92.8)	305.3 (89.5)	293.8 (86.1)	282.2 (82.7)	270.5 (79.3)	258.5 (75.8)	
	10 (-12.2)	283.9 (83.2)	273.6 (80.2)	263.3 (77.2)	252.8 (74.1)	242.3 (71)	231.4 (67.8)	
	5 (-15)	253.3 (74.2)	244.2 (71.6)	235.0 (68.9)	225.5 (66.1)	215.9 (63.3)	206.2 (60.4)	
	0 (-17.8)	224.9 (65.9)	216.7 (63.5)	208.5 (61.1)	199.9 (58.6)	191.3 (56.1)	182.5 (53.5)	
TVD050M8-A  Compressor Model 4DHNR22ME	30 (-1.1)	465.8 (136.5)	448.8 (131.5)	431.8 (126.5)	414.5 (121.5)	397.3 (116.4)	379.9 (111.3)	
	25 (-3.9)	422.7 (123.9)	407.4 (119.4)	391.9 (114.8)	376.1 (110.2)	360.4 (105.6)	344.4 (100.9)	
	20 (-6.7)	382.2 (112)	368.3 (107.9)	354.3 (103.8)	340.2 (99.7)	325.7 (95.5)	311.2 (91.2)	
	15 (-9.4)	344.2 (100.9)	331.8 (97.2)	319.2 (93.5)	306.4 (89.8)	293.4 (86)	280.4 (82.2)	
	10 (-12.2)	308.9 (90.5)	297.8 (87.3)	286.2 (83.9)	274.9 (80.6)	263.1 (77.1)	251.2 (73.6)	
	5 (-15)	275.9 (80.9)	265.9 (77.9)	255.6 (74.9)	245.3 (71.9)	234.8 (68.8)	223.9 (65.6)	
	0 (-17.8)	245.1 (71.8)	236.0 (69.2)	227.0 (66.5)	217.6 (63.8)	208.1 (61)	198.5 (58.2)	
TVD060M8-A  Compressor Model 4DJNR28ME	30 (-1.1)	550.4 (161.3)	530.3 (155.4)	509.5 (149.3)	488.0 (143)	466.0 (136.6)	443.3 (129.9)	
	25 (-3.9)	501.9 (147.1)	483.4 (141.7)	464.3 (136.1)	444.8 (130.4)	424.6 (124.4)	404.0 (118.4)	
	20 (-6.7)	455.1 (133.4)	438.3 (128.4)	421.1 (123.4)	403.2 (118.2)	384.9 (112.8)	366.0 (107.3)	
	15 (-9.4)	410.1 (120.2)	394.8 (115.7)	379.3 (111.1)	363.1 (106.4)	346.5 (101.5)	329.5 (96.6)	
	10 (-12.2)	367.1 (107.6)	353.2 (103.5)	339.2 (99.4)	324.7 (95.1)	309.8 (90.8)	294.4 (86.3)	
	5 (-15)	325.9 (95.5)	313.5 (91.9)	300.7 (88.1)	287.7 (84.3)	274.3 (80.4)	260.6 (76.4)	
	0 (-17.8)	286.4 (83.9)	275.3 (80.7)	264.0 (77.4)	252.2 (73.9)	240.2 (70.4)	228.1 (66.8)	
TVD070M8-A  Compressor Model 6DHNR35ME	30 (-1.1)	681.0 (199.6)	659.0 (193.1)	636.9 (186.7)	614.9 (180.2)	592.8 (173.7)	570.6 (167.2)	
	25 (-3.9)	620.1 (181.7)	600.4 (176)	580.7 (170.2)	560.9 (164.4)	541.0 (158.5)	520.8 (152.6)	
	20 (-6.7)	561.1 (164.4)	543.5 (159.3)	525.8 (154.1)	508.2 (148.9)	490.1 (143.6)	472.1 (138.4)	
	15 (-9.4)	504.8 (148)	489.1 (143.3)	473.3 (138.7)	457.2 (134)	441.0 (129.2)	424.6 (124.4)	
	10 (-12.2)	451.7 (132.4)	437.4 (128.2)	423.2 (124)	408.9 (119.8)	394.2 (115.5)	379.3 (111.1)	
	5 (-15)	402.2 (117.9)	389.3 (114.1)	376.3 (110.3)	363.1 (106.4)	349.7 (102.5)	336.0 (98.5)	
	0 (-17.8)	356.6 (104.5)	344.8 (101.1)	333.1 (97.6)	320.9 (94)	308.3 (90.3)	295.5 (86.6)	
TVD080M8-A  Compressor Model 6DJNR40ME	30 (-1.1)	808.5 (236.9)	782.0 (229.2)	755.8 (221.5)	729.5 (213.8)	703.3 (206.1)	676.8 (198.4)	
	25 (-3.9)	736.1 (215.7)	712.5 (208.8)	689.0 (201.9)	665.3 (195)	641.6 (188)	617.8 (181.1)	
	20 (-6.7)	665.9 (195.2)	644.9 (189)	623.9 (182.8)	602.7 (176.6)	581.5 (170.4)	560.1 (164.1)	
	15 (-9.4)	598.9 (175.5)	580.2 (170)	561.3 (164.5)	542.4 (159)	523.3 (153.4)	503.8 (147.6)	
	10 (-12.2)	535.7 (157)	518.9 (152.1)	501.9 (147.1)	484.9 (142.1)	467.7 (137.1)	450.0 (131.9)	
	5 (-15)	476.7 (139.7)	461.6 (135.3)	446.3 (130.8)	430.7 (126.2)	415.2 (121.7)	399.0 (116.9)	
	0 (-17.8)	422.9 (124)	409.1 (119.9)	395.0 (115.8)	380.7 (111.6)	366.2 (107.3)	351.5 (103)	
TVD100M8-A  Compressor Model 6DUNR49ME	30 (-1.1)	942.1 (276.1)	911.2 (267)	880.3 (258)	849.2 (248.9)	818.0 (239.7)	---	---
	25 (-3.9)	860.8 (252.3)	833.1 (244.1)	805.4 (236)	777.2 (227.8)	748.9 (219.5)	720.3 (211.1)	
	20 (-6.7)	781.6 (229.1)	756.8 (221.8)	731.6 (214.4)	706.2 (207)	680.6 (199.5)	654.6 (191.8)	
	15 (-9.4)	705.2 (206.7)	682.9 (200.1)	660.2 (193.5)	637.1 (186.7)	613.8 (179.9)	590.1 (172.9)	
	10 (-12.2)	632.5 (185.4)	612.2 (179.4)	591.8 (173.4)	570.8 (167.3)	549.4 (161)	527.5 (154.6)	
	5 (-15)	564.1 (165.3)	545.6 (159.9)	526.9 (154.4)	507.6 (148.8)	487.8 (143)	467.5 (137)	
	0 (-17.8)	500.9 (146.8)	483.8 (141.8)	466.2 (136.6)	448.4 (131.4)	429.7 (125.9)	410.6 (120.3)	

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

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)		
TVD020L8-A  Compressor Model 3DS3F46KE	-5 (-20.6)	151.0 (44.3)	144.7 (42.4)	138.4 (40.6)	131.9 (38.7)	125.4 (36.7)	118.7 (34.8)			
	-10 (-23.3)	132.5 (38.8)	126.8 (37.2)	121.0 (35.4)	115.1 (33.7)	109.0 (31.9)	102.9 (30.2)			
	-15 (-26.1)	115.9 (34)	110.7 (32.4)	105.2 (30.8)	99.8 (29.2)	94.1 (27.6)	88.4 (25.9)			
	-20 (-28.9)	100.8 (29.5)	95.8 (28.1)	90.7 (26.6)	85.7 (25.1)	80.4 (23.6)	75.2 (22)			
	-25 (-31.7)	87.2 (25.5)	82.5 (24.2)	77.7 (22.8)	72.9 (21.4)	68.0 (19.9)	63.0 (18.5)			
	-30 (-34.4)	74.6 (21.8)	70.4 (20.6)	65.7 (19.3)	61.1 (17.9)	56.5 (16.6)	51.7 (15.1)			
	-35 (-37.2)	63.2 (18.5)	59.0 (17.3)	54.8 (16.1)	50.4 (14.8)	45.8 (13.4)	41.2 (12.1)			
	-40 (-40)	52.9 (15.5)	48.7 (14.3)	44.5 (13)	40.1 (11.8)	35.7 (10.5)	31.1 (9.1)			
TVD030L8-A  Compressor Model 4DL3F63KE	-5 (-20.6)	197.8 (58)	189.6 (55.6)	181.2 (53.1)	172.8 (50.7)	164.4 (48.2)	156.2 (45.8)			
	-10 (-23.3)	176.6 (51.8)	169.1 (49.5)	161.5 (47.3)	153.7 (45.1)	146.2 (42.8)	138.4 (40.6)			
	-15 (-26.1)	156.5 (45.9)	149.5 (43.8)	142.6 (41.8)	135.7 (39.8)	128.5 (37.7)	121.4 (35.6)			
	-20 (-28.9)	137.6 (40.3)	131.3 (38.5)	124.7 (36.6)	118.2 (34.6)	111.7 (29.8)	105.2 (30.8)			
	-25 (-31.7)	119.9 (35.1)	114.0 (33.4)	107.9 (31.6)	101.6 (29.8)	95.6 (28)	89.3 (26.2)			
	-30 (-34.4)	103.1 (30.2)	97.4 (28.6)	91.8 (26.9)	85.9 (25.2)	79.8 (23.4)	73.9 (21.7)			
	-35 (-37.2)	86.9 (25.5)	81.7 (23.9)	76.0 (22.3)	70.4 (20.6)	64.5 (18.9)	58.8 (17.2)			
	-40 (-40)	71.8 (21)	66.4 (19.4)	60.9 (17.8)	55.4 (16.2)	49.6 (14.5)	43.9 (12.9)			
BVD044L8-A  Compressor Model 4DT3F76KE	-5 (-20.6)	253.1 (74.2)	242.6 (71.1)	232.1 (68)	221.6 (64.9)	210.8 (61.8)	199.9 (58.6)			
	-10 (-23.3)	223.7 (65.5)	214.0 (62.7)	204.1 (59.8)	194.3 (56.9)	184.2 (54)	174.1 (51)			
	-15 (-26.1)	197.0 (57.7)	188.0 (55.1)	178.9 (52.4)	169.7 (49.7)	160.2 (47)	150.8 (44.2)			
	-20 (-28.9)	172.6 (50.6)	164.2 (48.1)	155.8 (45.7)	147.0 (43.1)	138.2 (40.5)	129.4 (37.9)			
	-25 (-31.7)	150.2 (44)	142.4 (41.7)	134.4 (39.4)	126.2 (37)	117.8 (34.5)	109.4 (32.1)			
	-30 (-34.4)	128.9 (37.8)	121.6 (35.6)	114.0 (33.4)	106.5 (31.2)	98.5 (28.9)	90.3 (26.5)			
	-35 (-37.2)	108.6 (31.8)	101.6 (29.8)	94.5 (27.7)	87.2 (25.5)	79.6 (23.3)	71.8 (21)			
	-40 (-40)	88.4 (25.9)	81.9 (24)	75.2 (22)	68.0 (19.9)	60.7 (17.8)	53.3 (15.6)			
TVD054L8-A  Compressor Model 6DL3F93KE	-5 (-20.6)	306.4 (89.8)	294.6 (86.3)	282.2 (82.7)	269.4 (79)	256.0 (75)	241.9 (70.9)			
	-10 (-23.3)	270.5 (79.3)	259.8 (76.1)	248.4 (72.8)	236.7 (69.4)	224.1 (65.7)	211.1 (61.9)			
	-15 (-26.1)	237.5 (69.6)	227.6 (66.7)	217.4 (63.7)	206.2 (60.4)	194.7 (57.1)	182.5 (53.5)			
	-20 (-28.9)	207.3 (60.7)	198.0 (58)	188.6 (55.3)	178.3 (52.3)	167.4 (49.1)	155.8 (45.7)			
	-25 (-31.7)	179.1 (52.5)	170.7 (50)	161.7 (47.4)	152.0 (44.6)	142.0 (41.6)	131.0 (38.4)			
	-30 (-34.4)	153.1 (44.9)	145.1 (42.5)	136.7 (40.1)	127.5 (37.4)	117.8 (34.5)	107.3 (31.4)			
	-35 (-37.2)	128.7 (37.7)	121.2 (35.5)	113.0 (33.1)	104.2 (30.5)	94.7 (27.8)	84.6 (24.8)			
	-40 (-40)	105.4 (30.9)	98.1 (28.7)	90.1 (26.4)	81.5 (23.9)	72.2 (21.2)	62.4 (18.3)			
TVD060L8-A  Compressor Model 6DT3F11ME	-5 (-20.6)	360.2 (105.5)	345.9 (101.4)	330.8 (96.9)	315.0 (92.3)	298.6 (87.5)	281.6 (82.5)			
	-10 (-23.3)	318.6 (93.4)	305.3 (89.5)	291.5 (85.4)	277.0 (81.2)	261.9 (76.7)	245.9 (72.1)			
	-15 (-26.1)	280.4 (82.2)	268.2 (78.6)	255.4 (74.8)	241.9 (70.9)	227.6 (66.7)	212.7 (62.3)			
	-20 (-28.9)	244.9 (71.8)	233.7 (68.5)	221.8 (65)	209.2 (61.3)	195.9 (57.4)	181.9 (53.3)			
	-25 (-31.7)	211.9 (62.1)	201.4 (59)	190.3 (55.8)	178.5 (52.3)	165.9 (48.6)	152.5 (44.7)			
	-30 (-34.4)	181.0 (53.1)	171.2 (50.2)	160.7 (47.1)	149.3 (43.8)	137.1 (40.2)	124.3 (36.4)			
	-35 (-37.2)	151.6 (44.4)	142.2 (41.7)	132.1 (38.7)	121.2 (35.5)	109.4 (32.1)	97.0 (28.4)			
	-40 (-40)	123.5 (36.2)	114.2 (33.5)	104.4 (30.6)	93.7 (27.4)	82.1 (24.1)	69.9 (20.5)			
TVD080L8-A  Compressor Model 6DUNF13ME	-5 (-20.6)	415.0 (121.6)	400.5 (117.4)	385.6 (113)	370.2 (108.5)	354.5 (103.9)	338.3 (99.1)			
	-10 (-23.3)	369.6 (108.3)	356.2 (104.4)	342.3 (100.3)	327.8 (96.1)	312.9 (91.7)	297.6 (87.2)			
	-15 (-26.1)	325.9 (95.5)	313.3 (91.8)	300.1 (87.9)	286.4 (83.9)	272.4 (79.8)	257.3 (75.4)			
	-20 (-28.9)	284.3 (83.3)	272.4 (79.8)	260.0 (76.2)	247.0 (72.4)	233.1 (68.3)	218.6 (64.1)			
	-25 (-31.7)	245.7 (72)	234.4 (68.7)	222.4 (65.2)	209.8 (61.5)	196.4 (57.5)	182.1 (53.4)			
	-30 (-34.4)	211.1 (61.9)	199.9 (58.6)	188.2 (55.1)	175.8 (51.5)	162.5 (47.6)	148.3 (43.5)			
	-35 (-37.2)	180.6 (52.9)	169.9 (49.8)	158.1 (46.3)	145.7 (42.7)	132.5 (38.8)	118.2 (34.6)			
	-40 (-40)	155.6 (45.6)	144.7 (42.4)	132.9 (39)	120.3 (35.3)	106.9 (31.3)	92.4 (27.1)			

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

**LOW TEMPERATURE MODELS  
w/ 850RPM CONDENSER MOTOR(S)**

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW)		R448A		R449A		AMBIENT TEMPERATURE °F (°C)	
	° F	° C	85 (29.4)	90 (32.2)	95 (35)	100 (37.8)	105 (40.6)	110 (43.3)		
TVD020D8-A  Compressor Model 3DS3F46KE	-5 (-20.6)	148.6 (43.6)	142.4 (41.7)	136.0 (39.9)	129.6 (38)	123.0 (36)	116.4 (34.1)			
	-10 (-23.3)	130.6 (38.3)	124.8 (36.6)	119.0 (34.9)	113.0 (33.1)	107.0 (31.4)	101.0 (29.6)			
	-15 (-26.1)	114.2 (33.5)	109.0 (31.9)	103.6 (30.4)	98.0 (28.7)	92.4 (27.1)	86.8 (25.4)			
	-20 (-28.9)	99.4 (29.1)	94.4 (27.7)	89.4 (26.2)	84.2 (24.7)	79.0 (23.2)	73.8 (21.6)			
	-25 (-31.7)	85.8 (25.1)	81.2 (23.8)	76.6 (22.4)	71.6 (21)	66.8 (19.6)	61.8 (18.1)			
	-30 (-34.4)	73.6 (21.6)	69.2 (20.3)	64.8 (19)	60.2 (17.6)	55.4 (16.2)	50.6 (14.8)			
	-35 (-37.2)	62.4 (18.3)	58.2 (17.1)	53.8 (15.8)	49.4 (14.5)	44.8 (13.1)	40.2 (11.8)			
	-40 (-40)	52.2 (15.3)	48.0 (14.1)	43.8 (12.8)	39.4 (11.5)	35.0 (10.3)	30.4 (8.9)			
TVD030D8-A  Compressor Model 4DHNF63KE	-5 (-20.6)	193.4 (56.7)	185.0 (54.2)	176.8 (51.8)	168.6 (49.4)	160.2 (46.9)	152.2 (44.6)			
	-10 (-23.3)	172.8 (50.6)	165.2 (48.4)	157.8 (46.2)	150.2 (44)	142.6 (41.8)	135.0 (39.6)			
	-15 (-26.1)	153.4 (45)	146.4 (42.9)	139.6 (40.9)	132.6 (38.9)	125.6 (36.8)	118.6 (34.8)			
	-20 (-28.9)	135.0 (39.6)	128.6 (37.7)	122.2 (35.8)	115.8 (33.9)	109.2 (32)	102.6 (30.1)			
	-25 (-31.7)	117.6 (34.5)	111.8 (32.8)	105.6 (30.9)	99.6 (29.2)	93.4 (27.4)	87.2 (25.6)			
	-30 (-34.4)	101.2 (29.7)	95.6 (28)	89.8 (26.3)	84.0 (24.6)	78.0 (22.9)	72.0 (21.1)			
	-35 (-37.2)	85.4 (25)	80.0 (23.4)	74.4 (21.8)	68.8 (20.2)	63.0 (18.5)	57.2 (16.8)			
	-40 (-40)	70.4 (20.6)	65.0 (19)	59.6 (17.5)	54.0 (15.8)	48.4 (14.2)	42.6 (12.5)			
TVD044D8-A  Compressor Model 4DJNF76KE	-5 (-20.6)	249.2 (73)	238.8 (70)	228.4 (66.9)	217.8 (63.8)	207.2 (60.7)	196.4 (57.6)			
	-10 (-23.3)	220.4 (64.6)	210.8 (61.8)	201.0 (58.9)	191.2 (56)	181.2 (53.1)	171.2 (50.2)			
	-15 (-26.1)	194.2 (56.9)	185.4 (54.3)	176.2 (51.6)	167.0 (48.9)	157.6 (46.2)	148.2 (43.4)			
	-20 (-28.9)	170.4 (49.9)	162.0 (47.5)	153.6 (45)	144.8 (42.4)	136.0 (39.9)	127.2 (37.3)			
	-25 (-31.7)	148.2 (43.4)	140.4 (41.1)	132.4 (38.8)	124.2 (36.4)	116.0 (34)	107.4 (31.5)			
	-30 (-34.4)	127.4 (37.3)	120.0 (35.2)	112.4 (32.9)	104.8 (30.7)	96.8 (28.4)	88.8 (26)			
	-35 (-37.2)	107.2 (31.4)	100.2 (29.4)	93.2 (27.3)	85.8 (25.1)	78.2 (22.9)	70.6 (20.7)			
	-40 (-40)	87.4 (25.6)	80.8 (23.7)	74.0 (21.7)	67.0 (19.6)	59.6 (17.5)	52.2 (15.3)			
TVD054D8-A  Compressor Model 6DHNF93KE	-5 (-20.6)	301.8 (88.4)	290.0 (85)	277.6 (81.4)	264.6 (77.5)	251.0 (73.6)	237.0 (69.5)			
	-10 (-23.3)	266.8 (78.2)	255.8 (75)	244.4 (71.6)	232.4 (68.1)	220.0 (64.5)	206.8 (60.6)			
	-15 (-26.1)	234.4 (68.7)	224.4 (65.8)	214.0 (62.7)	202.8 (59.4)	191.2 (56)	178.8 (52.4)			
	-20 (-28.9)	204.6 (60)	195.4 (57.3)	185.6 (54.4)	175.4 (51.4)	164.4 (48.2)	152.8 (44.8)			
	-25 (-31.7)	177.0 (51.9)	168.4 (49.4)	159.4 (46.7)	149.6 (43.8)	139.2 (40.8)	128.2 (37.6)			
	-30 (-34.4)	151.2 (44.3)	143.2 (42)	134.6 (39.4)	125.4 (36.8)	115.6 (33.9)	105.0 (30.8)			
	-35 (-37.2)	127.0 (37.2)	119.4 (35)	111.2 (32.6)	102.2 (30)	92.8 (27.2)	82.6 (24.2)			
	-40 (-40)	104.0 (30.5)	96.6 (28.3)	88.6 (26)	79.8 (23.4)	70.6 (20.7)	60.6 (17.8)			

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

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °F °C	CAPACITY MBH (KW)			R407C	AMBIENT TEMPERATURE °F (°C)		
		85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)	
<b>TVD030H8-A</b> Compressor Model 3DS3R17ME	55 (12.8)	<b>495.0</b> (145.1)	<b>476.5</b> (139.6)	<b>458.6</b> (134.4)	<b>441.2</b> (129.3)	<b>424.4</b> (124.4)	<b>407.8</b> (119.5)	<b>407.8</b> (119.5)
	50 (10)	<b>456.1</b> (133.7)	<b>439.5</b> (128.8)	<b>423.6</b> (124.1)	<b>407.8</b> (119.5)	<b>392.5</b> (115)	<b>377.6</b> (110.7)	
	45 (7.2)	<b>419.0</b> (122.8)	<b>404.0</b> (118.4)	<b>389.8</b> (114.2)	<b>375.7</b> (110.1)	<b>361.8</b> (106)	<b>348.4</b> (102.1)	
	40 (4.4)	<b>383.5</b> (112.4)	<b>370.2</b> (108.5)	<b>357.4</b> (104.7)	<b>344.8</b> (101.1)	<b>332.4</b> (97.4)	<b>320.3</b> (93.9)	
	35 (1.7)	<b>349.4</b> (102.4)	<b>337.9</b> (99)	<b>326.3</b> (95.6)	<b>315.2</b> (92.4)	<b>304.1</b> (89.1)	<b>293.0</b> (85.9)	
<b>TVD040H8-A</b> Compressor Model 4DANR18ME	55 (12.8)	<b>619.0</b> (181.4)	<b>586.6</b> (171.9)	<b>554.8</b> (162.6)	<b>523.6</b> (153.5)	<b>493.0</b> (144.5)	<b>462.8</b> (135.6)	
	50 (10)	<b>559.0</b> (163.8)	<b>530.2</b> (155.4)	<b>501.8</b> (147.1)	<b>474.2</b> (139)	<b>447.0</b> (131)	<b>420.4</b> (123.2)	
	45 (7.2)	<b>503.0</b> (147.4)	<b>477.4</b> (139.9)	<b>452.6</b> (132.6)	<b>428.6</b> (125.6)	<b>404.8</b> (118.6)	<b>381.8</b> (111.9)	
	40 (4.4)	<b>451.2</b> (132.2)	<b>429.0</b> (125.7)	<b>407.6</b> (119.5)	<b>386.8</b> (113.4)	<b>366.4</b> (107.4)	<b>346.6</b> (101.6)	
	35 (1.7)	<b>403.6</b> (118.3)	<b>384.8</b> (112.8)	<b>366.4</b> (107.4)	<b>348.8</b> (102.2)	<b>331.6</b> (97.2)	<b>314.8</b> (92.3)	
<b>TVD044H8-A</b> Compressor Model 4DBNR20ME	55 (12.8)	<b>644.5</b> (188.9)	<b>621.2</b> (182)	<b>598.1</b> (175.3)	<b>574.8</b> (168.4)	<b>551.9</b> (161.7)	<b>529.0</b> (155)	
	50 (10)	<b>588.4</b> (172.4)	<b>566.6</b> (166)	<b>544.7</b> (159.6)	<b>522.9</b> (153.2)	<b>501.3</b> (146.9)	<b>479.9</b> (140.6)	
	45 (7.2)	<b>536.6</b> (157.2)	<b>516.0</b> (151.2)	<b>495.6</b> (145.2)	<b>475.2</b> (139.3)	<b>455.1</b> (133.4)	<b>435.3</b> (127.6)	
	40 (4.4)	<b>488.7</b> (143.2)	<b>469.4</b> (137.6)	<b>450.2</b> (132)	<b>431.6</b> (126.5)	<b>412.9</b> (121)	<b>394.4</b> (115.6)	
	35 (1.7)	<b>443.9</b> (130.1)	<b>426.1</b> (124.9)	<b>408.5</b> (119.7)	<b>391.0</b> (114.6)	<b>374.0</b> (109.6)	<b>357.2</b> (104.7)	
<b>TVD050H8-A</b> Compressor Model 4DHNR22ME	55 (12.8)	<b>701.6</b> (205.6)	<b>665.7</b> (195.1)	<b>630.6</b> (184.8)	<b>596.0</b> (174.7)	<b>562.4</b> (164.8)	<b>529.6</b> (155.2)	
	50 (10)	<b>648.5</b> (190.1)	<b>615.9</b> (180.5)	<b>583.8</b> (171.1)	<b>552.5</b> (161.9)	<b>522.3</b> (153.1)	<b>492.9</b> (144.4)	
	45 (7.2)	<b>596.0</b> (174.7)	<b>566.6</b> (166)	<b>537.8</b> (157.6)	<b>509.9</b> (149.4)	<b>482.8</b> (141.5)	<b>457.0</b> (133.9)	
	40 (4.4)	<b>544.7</b> (159.6)	<b>518.7</b> (152)	<b>493.1</b> (144.5)	<b>468.3</b> (137.2)	<b>444.6</b> (130.3)	<b>421.9</b> (123.6)	
	35 (1.7)	<b>495.2</b> (145.1)	<b>472.3</b> (138.4)	<b>449.8</b> (131.8)	<b>428.2</b> (125.5)	<b>407.6</b> (119.5)	<b>387.9</b> (113.7)	
<b>TVD060H8-A</b> Compressor Model 4DJNR28ME	55 (12.8)	<b>826.6</b> (242.2)	<b>785.8</b> (230.3)	<b>745.3</b> (218.4)	<b>705.6</b> (206.8)	<b>666.5</b> (195.3)	-	-
	50 (10)	<b>760.2</b> (222.8)	<b>722.8</b> (211.8)	<b>686.3</b> (201.1)	<b>650.4</b> (190.6)	<b>615.3</b> (180.3)	<b>580.9</b> (170.2)	
	45 (7.2)	<b>695.7</b> (203.9)	<b>662.1</b> (194.1)	<b>629.4</b> (184.4)	<b>597.5</b> (175.1)	<b>566.4</b> (166)	<b>536.1</b> (157.1)	
	40 (4.4)	<b>634.0</b> (185.8)	<b>604.2</b> (177.1)	<b>575.4</b> (168.6)	<b>547.3</b> (160.4)	<b>520.2</b> (152.4)	<b>493.9</b> (144.8)	
	35 (1.7)	<b>575.4</b> (168.6)	<b>549.4</b> (161)	<b>524.4</b> (153.7)	<b>500.0</b> (146.5)	<b>476.7</b> (139.7)	<b>454.2</b> (133.1)	
<b>TVD070H8-A</b> Compressor Model 6DHNR35ME	55 (12.8)	<b>1055.7</b> (309.4)	<b>1013.7</b> (297.1)	<b>971.5</b> (284.7)	<b>929.0</b> (272.3)	<b>886.4</b> (259.8)	-	-
	50 (10)	<b>954.2</b> (279.7)	<b>916.7</b> (268.6)	<b>878.9</b> (257.6)	<b>840.6</b> (246.4)	<b>802.2</b> (235.1)	<b>763.6</b> (223.8)	
	45 (7.2)	<b>860.8</b> (252.3)	<b>827.4</b> (242.5)	<b>793.6</b> (232.6)	<b>759.8</b> (222.7)	<b>725.6</b> (212.6)	<b>690.9</b> (202.5)	
	40 (4.4)	<b>775.3</b> (227.2)	<b>745.9</b> (218.6)	<b>716.3</b> (209.9)	<b>686.3</b> (201.1)	<b>656.0</b> (192.3)	<b>625.2</b> (183.2)	
	35 (1.7)	<b>697.8</b> (204.5)	<b>672.2</b> (197)	<b>646.4</b> (189.4)	<b>620.1</b> (181.7)	<b>593.5</b> (173.9)	<b>566.2</b> (165.9)	
<b>TVD080H8-A</b> Compressor Model 6DJNR40ME	55 (12.8)	<b>1423.2</b> (417.1)	<b>1356.0</b> (397.4)	<b>1285.4</b> (376.7)	<b>1212.1</b> (355.2)	<b>1135.9</b> (332.9)	-	-
	50 (10)	<b>1272.0</b> (372.8)	<b>1209.4</b> (354.4)	<b>1144.1</b> (335.3)	<b>1075.8</b> (315.3)	<b>1005.1</b> (294.6)	<b>932.2</b> (273.2)	
	45 (7.2)	<b>1129.6</b> (331)	<b>1073.1</b> (314.5)	<b>1013.5</b> (297)	<b>951.1</b> (278.7)	<b>886.6</b> (259.8)	<b>820.1</b> (240.3)	
	40 (4.4)	<b>1000.7</b> (293.3)	<b>949.8</b> (278.4)	<b>896.3</b> (262.7)	<b>840.0</b> (246.2)	<b>781.8</b> (229.1)	<b>722.0</b> (211.6)	
	35 (1.7)	<b>886.2</b> (259.7)	<b>841.1</b> (246.5)	<b>793.2</b> (232.5)	<b>743.2</b> (217.8)	<b>691.3</b> (202.6)	<b>638.0</b> (187)	

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

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °F      °C	CAPACITY MBH (KW)				R407C	AMBIENT TEMPERATURE °F (°C)		
		85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)		
TVD030M8-A Compressor Model 3DSR17ME	30 (-1.1)	317.5 (93.1)	307.2 (90)	297.2 (87.1)	287.1 (84.1)	277.0 (81.2)	266.9 (78.2)		
	25 (-3.9)	287.3 (84.2)	278.3 (81.5)	269.2 (78.9)	260.2 (76.3)	251.2 (73.6)	241.7 (70.8)		
	20 (-6.7)	258.9 (75.9)	251.0 (73.5)	243.0 (71.2)	234.8 (68.8)	226.4 (66.3)	217.6 (63.8)		
	15 (-9.4)	232.5 (68.1)	225.3 (66)	218.0 (63.9)	210.6 (61.7)	202.7 (59.4)	194.5 (57)		
	10 (-12.2)	207.9 (60.9)	201.4 (59)	194.7 (57.1)	187.7 (55)	180.2 (52.8)	172.0 (50.4)		
TVD040M8-A Compressor Model 4DANR18ME	30 (-1.1)	360.4 (105.6)	344.6 (101)	329.2 (96.5)	314.4 (92.1)	300.0 (87.9)	286.0 (83.8)		
	25 (-3.9)	321.6 (94.3)	308.2 (90.3)	295.4 (86.6)	283.2 (83)	271.4 (79.5)	259.8 (76.1)		
	20 (-6.7)	286.6 (84)	275.6 (80.8)	265.0 (77.7)	255.0 (74.7)	245.2 (71.9)	235.8 (69.1)		
	15 (-9.4)	255.2 (74.8)	246.2 (72.2)	237.4 (69.6)	229.2 (67.2)	221.2 (64.8)	213.2 (62.5)		
	10 (-12.2)	227.2 (66.6)	219.6 (64.4)	212.4 (62.2)	205.2 (60.1)	198.4 (58.1)	191.8 (56.2)		
TVD044M8-A Compressor Model 4DBNR20ME	30 (-1.1)	401.9 (117.8)	385.8 (113.1)	369.6 (108.3)	353.6 (103.6)	338.1 (99.1)	322.8 (94.6)		
	25 (-3.9)	362.7 (106.3)	347.8 (101.9)	333.1 (97.6)	318.6 (93.4)	304.5 (89.2)	290.9 (85.2)		
	20 (-6.7)	325.1 (95.3)	311.6 (91.3)	298.4 (87.5)	285.6 (83.7)	273.0 (80)	260.8 (76.4)		
	15 (-9.4)	289.2 (84.7)	277.0 (81.2)	265.2 (77.7)	253.9 (74.4)	243.0 (71.2)	232.3 (68.1)		
	10 (-12.2)	254.1 (74.5)	243.4 (71.3)	233.1 (68.3)	223.2 (65.4)	213.8 (62.7)	204.8 (60)		
TVD050M8-A Compressor Model 4DHNR22ME	30 (-1.1)	447.9 (131.3)	427.8 (125.4)	408.5 (119.7)	389.8 (114.2)	371.7 (108.9)	354.9 (104)		
	25 (-3.9)	403.0 (118.1)	385.8 (113.1)	369.0 (108.1)	352.8 (103.4)	337.5 (98.9)	323.0 (94.7)		
	20 (-6.7)	360.8 (105.7)	346.1 (101.4)	331.8 (97.2)	317.9 (93.2)	304.7 (89.3)	292.5 (85.7)		
	15 (-9.4)	321.7 (94.3)	309.1 (90.6)	296.7 (87)	285.0 (83.5)	273.6 (80.2)	262.9 (77.1)		
	10 (-12.2)	285.8 (83.8)	274.9 (80.6)	264.4 (77.5)	253.9 (74.4)	244.0 (71.5)	234.6 (68.7)		
TVD060M8-A Compressor Model 4DJNR28ME	30 (-1.1)	520.2 (152.4)	497.9 (145.9)	476.3 (139.6)	455.7 (133.6)	435.8 (127.7)	416.6 (122.1)		
	25 (-3.9)	468.9 (137.4)	449.8 (131.8)	431.6 (126.5)	413.9 (121.3)	397.1 (116.4)	381.2 (111.7)		
	20 (-6.7)	421.3 (123.5)	405.3 (118.8)	389.8 (114.2)	375.1 (109.9)	361.0 (105.8)	347.6 (101.9)		
	15 (-9.4)	377.4 (110.6)	363.7 (106.6)	350.7 (102.8)	338.3 (99.1)	326.6 (95.7)	315.2 (92.4)		
	10 (-12.2)	336.8 (98.7)	325.3 (95.3)	314.4 (92.1)	303.7 (89)	293.6 (86)	283.9 (83.2)		
TVD070M8-A Compressor Model 6DHNR35ME	30 (-1.1)	628.1 (184.1)	605.9 (177.6)	583.4 (171)	560.5 (164.3)	537.0 (157.4)	513.0 (150.4)		
	25 (-3.9)	565.3 (165.7)	546.2 (160.1)	526.7 (154.4)	506.5 (148.4)	485.9 (142.4)	464.7 (136.2)		
	20 (-6.7)	508.8 (149.1)	492.2 (144.3)	475.0 (139.2)	457.4 (134)	439.1 (128.7)	420.2 (123.2)		
	15 (-9.4)	457.6 (134.1)	442.9 (129.8)	428.0 (125.4)	412.2 (120.8)	395.9 (116)	378.6 (111)		
	10 (-12.2)	410.3 (120.3)	397.3 (116.4)	383.7 (112.4)	369.4 (108.3)	354.5 (103.9)	338.5 (99.2)		
TVD080M8-A Compressor Model 6DJNR40ME	30 (-1.1)	786.7 (230.5)	746.6 (218.8)	704.3 (206.4)	660.0 (193.4)	614.3 (180)	567.6 (166.4)		
	25 (-3.9)	700.6 (205.3)	665.3 (195)	628.1 (184.1)	589.5 (172.8)	549.8 (161.1)	509.7 (149.4)		
	20 (-6.7)	626.2 (183.5)	595.1 (174.4)	562.8 (164.9)	529.6 (155.2)	496.0 (145.4)	462.6 (135.6)		
	15 (-9.4)	561.5 (164.6)	534.5 (156.6)	506.5 (148.4)	478.4 (140.2)	450.9 (132.1)	424.2 (124.3)		
	10 (-12.2)	503.6 (147.6)	480.1 (140.7)	456.5 (133.8)	433.4 (127)	411.8 (120.7)	391.9 (114.8)		
TVD100M8-A Compressor Model 6DUNR49ME	30 (-1.1)	904.7 (265.1)	858.3 (251.5)	810.8 (237.6)	762.3 (223.4)	713.6 (209.1)	664.9 (194.9)		
	25 (-3.9)	807.5 (236.6)	765.7 (224.4)	723.0 (211.9)	680.2 (199.3)	637.4 (186.8)	595.1 (174.4)		
	20 (-6.7)	718.2 (210.5)	681.2 (199.7)	643.7 (188.6)	606.5 (177.7)	569.7 (167)	534.2 (156.6)		
	15 (-9.4)	637.6 (186.8)	605.0 (177.3)	572.9 (167.9)	541.4 (158.7)	511.1 (149.8)	482.8 (141.5)		
	10 (-12.2)	565.3 (165.7)	537.4 (157.5)	510.5 (149.6)	485.1 (142.2)	461.8 (135.3)	441.2 (129.3)		

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

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °F      °C	CAPACITY MBH (KW)				R404A	R507	AMBIENT TEMPERATURE °F (°C)		
		85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)			
TVD030H8-A Compressor Model 3DSR17ME	45 (7.2)	442.0 (129.5)	422.8 (123.9)	404.0 (118.4)	385.2 (112.9)	366.8 (107.5)	348.6 (102.2)			
	40 (4.4)	407.8 (119.5)	390.4 (114.4)	373.0 (109.3)	356.0 (104.3)	339.0 (99.4)	322.4 (94.5)			
	35 (1.7)	375.4 (110)	359.4 (105.3)	343.6 (100.7)	328.0 (96.1)	312.4 (91.6)	297.2 (87.1)			
TVD040H8-A Compressor Model 4DANR18ME	45 (7.2)	487.8 (143)	465.2 (136.3)	442.8 (129.8)	420.4 (123.2)	398.2 (116.7)	376.4 (110.3)			
	40 (4.4)	451.6 (132.4)	430.6 (126.2)	409.4 (120)	388.4 (113.8)	367.8 (107.8)	347.4 (101.8)			
	35 (1.7)	416.4 (122)	396.8 (116.3)	377.0 (110.5)	357.4 (104.7)	338.2 (99.1)	319.2 (93.5)			
TVD044H8-A Compressor Model 4DBNR20ME	45 (7.2)	542.6 (159)	519.2 (152.2)	496.2 (145.4)	473.8 (138.9)	451.8 (132.4)	430.4 (126.1)			
	40 (4.4)	506.4 (148.4)	484.4 (142)	462.8 (135.6)	442.0 (129.5)	421.4 (123.5)	401.4 (117.6)			
	35 (1.7)	469.8 (137.7)	449.4 (131.7)	429.4 (125.8)	409.8 (120.1)	390.8 (114.5)	372.2 (109.1)			
TVD050H8-A Compressor Model 4DHNR22ME	45 (7.2)	572.6 (167.8)	548.2 (160.7)	524.4 (153.7)	501.2 (146.9)	478.4 (140.2)	456.2 (133.7)			
	40 (4.4)	535.0 (156.8)	512.0 (150.1)	489.8 (143.5)	468.0 (137.2)	446.8 (130.9)	426.0 (124.8)			
	35 (1.7)	497.0 (145.7)	475.6 (139.4)	454.8 (133.3)	434.6 (127.4)	414.8 (121.6)	395.2 (115.8)			
TVD060H8-A Compressor Model 4DJNR28ME	45 (7.2)	697.8 (204.5)	667.6 (195.7)	637.6 (186.9)	607.8 (178.1)	577.8 (169.3)	548.0 (160.6)			
	40 (4.4)	646.4 (189.4)	618.4 (181.2)	590.6 (173.1)	562.8 (164.9)	535.2 (156.9)	507.4 (148.7)			
	35 (1.7)	596.8 (174.9)	570.8 (167.3)	545.0 (159.7)	519.4 (152.2)	493.8 (144.7)	468.2 (137.2)			
TVD070H8-A Compressor Model 6DUNR35ME	45 (7.2)	896.2 (262.6)	857.8 (251.4)	819.2 (240.1)	780.6 (228.8)	741.8 (217.4)	702.8 (206)			
	40 (4.4)	826.8 (242.3)	791.4 (231.9)	755.8 (221.5)	720.4 (211.1)	684.8 (200.7)	649.0 (190.2)			
	35 (1.7)	760.4 (222.9)	728.0 (213.4)	695.4 (203.8)	663.0 (194.3)	630.2 (184.7)	597.6 (175.1)			
TVD080H8-A Compressor Model 6DJNR40ME	45 (7.2)	1022.4 (299.6)	980.6 (287.4)	938.6 (275.1)	896.4 (262.7)	854.0 (250.3)	810.8 (237.6)			
	40 (4.4)	949.2 (278.2)	910.4 (266.8)	871.6 (255.4)	832.4 (244)	793.0 (232.4)	753.0 (220.7)			
	35 (1.7)	878.0 (257.3)	842.2 (246.8)	806.4 (236.3)	770.4 (225.8)	734.0 (215.1)	697.2 (204.3)			

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °F      °C	CAPACITY MBH (kW)						AMBIENT TEMPERATURE °F (°C)		
		85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)			
TVD030M8-A Compressor Model 3DS3R17ME	30 (-1.1)	344.2 (100.9)	329.8 (96.7)	315.4 (92.4)	301.2 (88.3)	287.2 (84.2)	273.4 (80.1)			
	25 (-3.9)	314.8 (92.3)	301.6 (88.4)	288.6 (84.6)	275.8 (80.8)	263.2 (77.1)	250.8 (73.5)			
	20 (-6.7)	286.8 (84.1)	275.0 (80.6)	263.4 (77.2)	251.8 (73.8)	240.4 (70.5)	229.2 (67.2)			
	15 (-9.4)	260.6 (76.4)	250.0 (73.3)	239.4 (70.2)	229.2 (67.2)	219.0 (64.2)	208.8 (61.2)			
	10 (-12.2)	235.8 (69.1)	226.4 (66.4)	217.0 (63.6)	207.8 (60.9)	198.6 (58.2)	189.6 (55.6)			
	5 (-15)	212.6 (62.3)	204.2 (59.8)	196.0 (57.4)	187.6 (55)	179.6 (52.6)	171.6 (50.3)			
	0 (-17.8)	191.2 (56)	183.6 (53.8)	176.2 (51.6)	168.8 (49.5)	161.6 (47.4)	154.4 (45.3)			
TVD040M8-A Compressor Model 4DANR18ME	30 (-1.1)	382.2 (112)	364.0 (106.7)	345.6 (101.3)	327.4 (96)	309.4 (90.7)	291.8 (85.5)			
	25 (-3.9)	349.2 (102.3)	332.2 (97.4)	315.4 (92.4)	298.4 (87.5)	281.6 (82.5)	265.4 (77.8)			
	20 (-6.7)	317.4 (93)	302.0 (88.5)	286.2 (83.9)	270.6 (79.3)	255.2 (74.8)	240.0 (70.3)			
	15 (-9.4)	287.2 (84.2)	273.0 (80)	258.6 (75.8)	244.0 (71.5)	229.8 (67.3)	216.0 (63.3)			
	10 (-12.2)	258.6 (75.8)	245.6 (72)	232.2 (68.1)	219.0 (64.2)	206.0 (60.4)	193.2 (56.6)			
	5 (-15)	231.6 (67.9)	219.8 (64.4)	207.6 (60.8)	195.6 (57.3)	183.6 (53.8)	172.0 (50.4)			
	0 (-17.8)	206.6 (60.5)	195.8 (57.4)	184.8 (54.2)	173.6 (50.9)	162.8 (47.7)	152.4 (44.7)			
TVD044M8-A Compressor Model 4DBNR20ME	30 (-1.1)	433.4 (127)	414.4 (121.4)	396.0 (116.1)	378.0 (110.8)	360.2 (105.6)	343.0 (100.5)			
	25 (-3.9)	397.6 (116.5)	380.0 (111.4)	363.0 (106.4)	346.4 (101.5)	330.0 (96.7)	314.2 (92.1)			
	20 (-6.7)	362.6 (106.3)	346.6 (101.6)	330.8 (96.9)	315.6 (92.5)	300.6 (88.1)	286.0 (83.8)			
	15 (-9.4)	328.8 (96.4)	314.2 (92.1)	299.8 (87.9)	286.0 (83.8)	272.2 (79.8)	258.8 (75.8)			
	10 (-12.2)	296.6 (86.9)	283.4 (83.1)	270.4 (79.2)	257.8 (75.6)	245.4 (71.9)	233.2 (68.3)			
	5 (-15)	266.6 (78.1)	254.6 (74.6)	243.0 (71.2)	231.4 (67.8)	220.2 (64.5)	209.2 (61.3)			
	0 (-17.8)	238.8 (70)	228.2 (66.9)	217.8 (63.8)	207.6 (60.8)	197.4 (57.9)	187.6 (55)			
TVD050M8-A Compressor Model 4DHNR22ME	30 (-1.1)	459.2 (134.6)	439.4 (128.8)	420.0 (123.1)	401.2 (117.6)	382.6 (112.1)	364.6 (106.9)			
	25 (-3.9)	421.8 (123.6)	403.4 (118.2)	385.6 (113)	368.0 (107.8)	351.0 (102.9)	334.2 (97.9)			
	20 (-6.7)	385.0 (112.8)	368.2 (107.9)	351.8 (103.1)	335.8 (98.4)	320.0 (93.8)	304.6 (89.3)			
	15 (-9.4)	349.6 (102.5)	334.2 (97.9)	319.2 (93.5)	304.6 (89.3)	290.2 (85)	276.0 (80.9)			
	10 (-12.2)	315.6 (92.5)	301.6 (88.4)	288.2 (84.5)	274.8 (80.5)	261.8 (76.7)	248.8 (72.9)			
	5 (-15)	283.6 (83.1)	271.2 (79.5)	259.0 (75.9)	247.2 (72.4)	235.4 (69)	223.8 (65.6)			
	0 (-17.8)	254.2 (74.5)	243.2 (71.3)	232.4 (68.1)	221.8 (65)	211.4 (62)	201.0 (58.9)			
TVD060M8-A Compressor Model 4DJNR28ME	30 (-1.1)	548.8 (160.8)	524.8 (153.8)	501.2 (146.9)	477.6 (140)	454.2 (133.1)	430.6 (126.2)			
	25 (-3.9)	502.6 (147.3)	480.6 (140.8)	459.0 (134.5)	437.4 (128.2)	416.0 (121.9)	394.6 (115.6)			
	20 (-6.7)	458.4 (134.3)	438.4 (128.5)	418.6 (122.7)	399.0 (116.9)	379.6 (111.2)	360.2 (105.6)			
	15 (-9.4)	416.2 (122)	398.0 (116.6)	380.2 (111.4)	362.6 (106.3)	345.0 (101.1)	327.4 (96)			
	10 (-12.2)	376.0 (110.2)	359.8 (105.4)	343.6 (100.7)	327.8 (96.1)	312.0 (91.4)	296.4 (86.9)			
	5 (-15)	338.2 (99.1)	323.6 (94.8)	309.2 (90.6)	295.2 (86.5)	281.2 (82.4)	267.2 (78.3)			
	0 (-17.8)	302.6 (88.7)	289.6 (84.9)	276.8 (81.1)	264.4 (77.5)	252.2 (73.9)	239.8 (70.3)			
TVD070M8-A Compressor Model 6DHNR35ME	30 (-1.1)	697.2 (204.3)	667.6 (195.7)	638.0 (187)	608.2 (178.2)	578.4 (169.5)	548.6 (160.8)			
	25 (-3.9)	637.2 (186.7)	610.2 (178.8)	583.2 (170.9)	556.4 (163.1)	529.2 (155.1)	502.2 (147.2)			
	20 (-6.7)	580.4 (170.1)	556.0 (162.9)	531.6 (155.8)	507.2 (148.6)	482.6 (141.4)	458.0 (134.2)			
	15 (-9.4)	527.0 (154.4)	505.0 (148)	482.8 (141.5)	460.6 (135)	438.6 (128.5)	416.4 (122)			
	10 (-12.2)	477.0 (139.8)	457.0 (133.9)	437.0 (128.1)	417.0 (122.2)	397.0 (116.3)	376.8 (110.4)			
	5 (-15)	430.4 (126.1)	412.2 (120.8)	394.0 (115.5)	375.8 (110.1)	357.6 (104.8)	339.6 (99.5)			
	0 (-17.8)	387.2 (113.5)	370.4 (108.6)	353.8 (103.7)	337.2 (98.8)	320.8 (94)	304.4 (89.2)			
TVD080M8-A Compressor Model 6DJNR40ME	30 (-1.1)	809.4 (237.2)	776.2 (227.5)	743.2 (217.8)	710.2 (208.1)	676.8 (198.3)	643.0 (188.4)			
	25 (-3.9)	743.2 (217.8)	712.8 (208.9)	682.4 (200)	652.2 (191.1)	621.6 (182.2)	590.6 (173.1)			
	20 (-6.7)	679.8 (199.2)	652.0 (191.1)	624.2 (182.9)	596.6 (174.8)	568.8 (166.7)	540.6 (158.4)			
	15 (-9.4)	619.4 (181.5)	593.8 (174)	568.6 (166.6)	543.4 (159.3)	518.2 (151.9)	492.8 (144.4)			
	10 (-12.2)	562.2 (164.8)	538.8 (157.9)	515.8 (151.2)	493.0 (144.5)	470.2 (137.8)	447.2 (131.1)			
	5 (-15)	508.2 (148.9)	487.0 (142.7)	466.0 (136.6)	445.4 (130.5)	425.0 (124.6)	404.2 (118.5)			
	0 (-17.8)	457.8 (134.2)	438.4 (128.5)	419.4 (122.9)	401.0 (117.5)	382.6 (112.1)	364.0 (106.7)			
TVD100M8-A Compressor Model 6DUNR49ME	30 (-1.1)	943.0 (276.4)	905.2 (265.3)	867.0 (254.1)	828.6 (242.8)	790.0 (231.5)	751.4 (220.2)			
	25 (-3.9)	868.4 (254.5)	833.4 (244.2)	798.2 (233.9)	762.8 (223.6)	727.0 (213.1)	691.2 (202.6)			
	20 (-6.7)	795.4 (233.1)	763.2 (223.7)	730.8 (214.2)	698.0 (204.6)	665.0 (194.9)	632.0 (185.2)			
	15 (-9.4)	724.8 (212.4)	695.2 (203.7)	665.4 (195)	635.4 (186.2)	605.0 (177.3)	574.6 (168.4)			
	10 (-12.2)	657.6 (192.7)	630.6 (184.8)	603.4 (176.8)	575.8 (168.7)	548.0 (160.6)	520.2 (152.5)			
	5 (-15)	595.0 (174.4)	570.4 (167.2)	545.6 (159.9)	520.4 (152.5)	495.0 (145.1)	469.6 (137.6)			
	0 (-17.8)	538.2 (157.7)	515.8 (151.2)	493.0 (144.5)	470.0 (137.7)	447.0 (131)	424.0 (124.3)			

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)		
<b>TVD020L6-A</b>  Compressor Model 3DS3F46KE	0 (-17.8)	178.2 (52.2)	171.2 (50.2)	164.2 (48.1)	157.2 (46.1)	150.2 (44)	143.4 (42)			
	-5 (-20.6)	161.2 (47.2)	154.8 (45.4)	148.4 (43.5)	142.2 (41.7)	136.0 (39.9)	129.8 (38)			
	-10 (-23.3)	145.0 (42.5)	139.4 (40.9)	133.6 (39.2)	128.0 (37.5)	122.2 (35.8)	116.6 (34.2)			
	-15 (-26.1)	129.8 (38)	124.6 (36.5)	119.6 (35.1)	114.4 (33.5)	109.2 (32)	104.2 (30.5)			
	-20 (-28.9)	115.4 (33.8)	110.8 (32.5)	106.2 (31.1)	101.6 (29.8)	96.8 (28.4)	92.2 (27)			
	-25 (-31.7)	101.8 (29.8)	97.8 (28.7)	93.6 (27.4)	89.4 (26.2)	85.2 (25)	81.0 (23.7)			
	-30 (-34.4)	89.4 (26.2)	85.8 (25.1)	82.0 (24)	78.2 (22.9)	74.2 (21.7)	70.4 (20.6)			
	-35 (-37.2)	78.0 (22.9)	74.6 (21.9)	71.2 (20.9)	67.6 (19.8)	64.0 (18.8)	60.4 (17.7)			
<b>TVD030L6-A</b>  Compressor Model 4DHNF63KE	-40 (-40)	67.4 (19.8)	64.4 (18.9)	61.2 (17.9)	57.8 (16.9)	54.4 (15.9)	51.0 (14.9)			
	0 (-17.8)	234.8 (68.8)	226.0 (66.2)	217.2 (63.7)	208.4 (61.1)	199.4 (58.4)	190.0 (55.7)			
	-5 (-20.6)	212.6 (62.3)	204.4 (59.9)	196.4 (57.6)	188.4 (55.2)	180.2 (52.8)	171.4 (50.2)			
	-10 (-23.3)	192.0 (56.3)	184.6 (54.1)	177.4 (52)	170.0 (49.8)	162.6 (47.7)	154.6 (45.3)			
	-15 (-26.1)	172.8 (50.6)	166.2 (48.7)	159.6 (46.8)	153.2 (44.9)	146.2 (42.8)	139.0 (40.7)			
	-20 (-28.9)	155.0 (45.4)	149.0 (43.7)	143.2 (42)	137.2 (40.2)	131.0 (38.4)	124.4 (36.5)			
	-25 (-31.7)	138.2 (40.5)	132.8 (38.9)	127.6 (37.4)	122.2 (35.8)	116.6 (34.2)	110.4 (32.4)			
	-30 (-34.4)	122.2 (35.8)	117.4 (34.4)	112.6 (33)	107.8 (31.6)	102.6 (30.1)	97.0 (28.4)			
<b>TVD044L6-A</b>  Compressor Model 4DT3F76KE	-35 (-37.2)	106.4 (31.2)	102.2 (30)	98.0 (28.7)	93.6 (27.4)	88.8 (26)	83.6 (24.5)			
	-40 (-40)	91.0 (26.7)	87.0 (25.5)	83.2 (24.4)	79.2 (23.2)	74.8 (21.9)	70.0 (20.5)			
	0 (-17.8)	288.2 (84.5)	275.4 (80.7)	263.2 (77.1)	251.6 (73.7)	240.6 (70.5)	230.2 (67.5)			
	-5 (-20.6)	262.0 (76.8)	250.4 (73.4)	239.2 (70.1)	228.6 (67)	218.4 (64)	208.6 (61.1)			
	-10 (-23.3)	237.2 (69.5)	226.6 (66.4)	216.4 (63.4)	206.6 (60.5)	197.2 (57.8)	188.2 (55.2)			
	-15 (-26.1)	213.6 (62.6)	204.0 (59.8)	194.8 (57.1)	185.8 (54.5)	177.0 (51.9)	168.4 (49.4)			
	-20 (-28.9)	191.2 (56)	182.6 (53.5)	174.2 (51.1)	165.8 (48.6)	157.6 (46.2)	149.6 (43.8)			
	-25 (-31.7)	169.8 (49.8)	162.0 (47.5)	154.4 (45.3)	146.6 (43)	139.0 (40.7)	131.4 (38.5)			
<b>TVD054L6-A</b>  Compressor Model 6DL3F93KE	-30 (-34.4)	149.2 (43.7)	142.4 (41.7)	135.2 (39.6)	128.2 (37.6)	120.8 (35.4)	113.4 (33.2)			
	-35 (-37.2)	129.6 (38)	123.4 (36.2)	116.8 (34.2)	110.2 (32.3)	103.2 (30.2)	96.0 (28.1)			
	-40 (-40)	110.6 (32.4)	105.0 (30.8)	98.8 (29)	92.6 (27.1)	85.8 (25.1)	78.6 (23)			
	0 (-17.8)	366.0 (107.3)	351.4 (103)	337.0 (98.8)	322.8 (94.6)	308.6 (90.4)	294.2 (86.2)			
	-5 (-20.6)	331.8 (97.2)	318.6 (93.4)	305.6 (89.6)	292.6 (85.8)	279.6 (81.9)	266.4 (78.1)			
	-10 (-23.3)	298.6 (87.5)	286.6 (84)	275.0 (80.6)	263.2 (77.1)	251.4 (73.7)	239.4 (70.2)			
	-15 (-26.1)	266.8 (78.2)	256.0 (75)	245.4 (71.9)	234.8 (68.8)	224.0 (65.6)	213.0 (62.4)			
	-20 (-28.9)	236.6 (69.3)	226.8 (66.5)	217.2 (63.7)	207.6 (60.8)	197.8 (58)	187.4 (54.9)			
<b>TVD060L6-A</b>  Compressor Model 6DT3F11ME	-25 (-31.7)	208.0 (61)	199.2 (58.4)	190.6 (55.9)	181.8 (53.3)	172.8 (50.6)	163.2 (47.8)			
	-30 (-34.4)	181.6 (53.2)	173.6 (50.9)	165.8 (48.6)	157.6 (46.2)	149.2 (43.7)	140.2 (41.1)			
	-35 (-37.2)	157.4 (46.1)	150.2 (44)	142.8 (41.9)	135.2 (39.6)	127.4 (37.3)	118.8 (34.8)			
	-40 (-40)	135.6 (39.7)	128.8 (37.7)	122.0 (35.8)	114.8 (33.6)	107.2 (31.4)	99.0 (29)			
	0 (-17.8)	401.6 (117.7)	384.0 (112.5)	366.6 (107.4)	349.4 (102.4)	332.8 (97.5)	---	---		
	-5 (-20.6)	363.8 (106.6)	347.8 (101.9)	332.2 (97.4)	316.6 (92.8)	301.6 (88.4)	286.8 (84.1)			
	-10 (-23.3)	327.6 (96)	313.4 (91.8)	299.2 (87.7)	285.2 (83.6)	271.6 (79.6)	258.2 (75.7)			
	-15 (-26.1)	293.4 (86)	280.6 (82.2)	268.0 (78.5)	255.4 (74.9)	243.0 (71.2)	230.8 (67.6)			
<b>TVD080L6-A</b>  Compressor Model 6DUNF13ME	-20 (-28.9)	261.2 (76.5)	249.8 (73.2)	238.2 (69.8)	226.8 (66.5)	215.6 (63.2)	204.6 (60)			
	-25 (-31.7)	231.0 (67.7)	220.6 (64.7)	210.2 (61.6)	199.8 (58.6)	189.6 (55.6)	179.4 (52.6)			
	-30 (-34.4)	202.8 (59.4)	193.4 (56.7)	184.0 (53.9)	174.4 (51.1)	164.8 (48.3)	155.4 (45.5)			
	-35 (-37.2)	176.6 (51.8)	168.0 (49.2)	159.4 (46.7)	150.4 (44.1)	141.4 (41.4)	132.4 (38.8)			
	-40 (-40)	152.6 (44.7)	144.6 (42.4)	136.4 (40)	127.8 (37.5)	119.2 (34.9)	110.4 (32.4)			
	0 (-17.8)	492.8 (144.4)	471.6 (138.2)	451.0 (132.2)	431.4 (126.4)	413.0 (121)	---	---		
	-5 (-20.6)	445.8 (130.7)	425.4 (124.7)	405.8 (118.9)	386.6 (113.3)	368.6 (108)	351.6 (103)			
	-10 (-23.3)	403.6 (118.3)	384.4 (112.7)	365.6 (107.1)	347.4 (101.8)	329.8 (96.7)	313.2 (91.8)			
<b>TVD080L6-A</b>  Compressor Model 6DUNF13ME	-15 (-26.1)	365.4 (107.1)	347.4 (101.8)	329.6 (96.6)	312.2 (91.5)	295.6 (86.6)	279.6 (81.9)			
	-20 (-28.9)	329.6 (96.6)	313.0 (91.7)	296.4 (86.9)	280.2 (82.1)	264.4 (77.5)	249.4 (73.1)			
	-25 (-31.7)	295.4 (86.6)	280.2 (82.1)	265.2 (77.7)	250.0 (73.3)	235.4 (69)	221.2 (64.8)			
	-30 (-34.4)	261.6 (76.7)	248.0 (72.7)	234.2 (68.6)	220.6 (64.7)	207.0 (60.7)	193.8 (56.8)			
	-35 (-37.2)	226.8 (66.5)	214.8 (63)	202.8 (59.4)	190.4 (55.8)	178.2 (52.2)	166.2 (48.7)			
	-40 (-40)	189.6 (55.6)	179.8 (52.7)	169.2 (49.6)	158.6 (46.5)	147.8 (43.3)	137.0 (40.2)			

--- Outside Operating Range

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

**60Hz**

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE	CAPACITY MBH (KW)						AMBIENT TEMPERATURE °F (°C)					
		85 °F	(29.4)	90 °F	(32.2)	95 °F	(35)	100 °F	(37.8)	105 °F	(40.6)	110 °F	(43.3)
TVD020D6-A Compressor Model 3DS3F46KE	0 (-17.8)	175.0	(51.3)	168.0	(49.2)	161.2	(47.2)	154.2	(45.2)	147.4	(43.2)	140.8	(41.3)
	-5 (-20.6)	158.6	(46.5)	152.4	(44.7)	146.0	(42.8)	139.8	(41)	133.6	(39.2)	127.6	(37.4)
	-10 (-23.3)	142.8	(41.9)	137.2	(40.2)	131.6	(38.6)	126.0	(36.9)	120.4	(35.3)	114.8	(33.6)
	-15 (-26.1)	128.0	(37.5)	123.0	(36)	117.8	(34.5)	112.8	(33.1)	107.6	(31.5)	102.6	(30.1)
	-20 (-28.9)	114.0	(33.4)	109.4	(32.1)	104.8	(30.7)	100.2	(29.4)	95.6	(28)	91.0	(26.7)
	-25 (-31.7)	100.8	(29.5)	96.8	(28.4)	92.6	(27.1)	88.4	(25.9)	84.2	(24.7)	80.0	(23.4)
	-30 (-34.4)	88.6	(26)	84.8	(24.9)	81.0	(23.7)	77.2	(22.6)	73.4	(21.5)	69.4	(20.3)
	-35 (-37.2)	77.2	(22.6)	73.8	(21.6)	70.4	(20.6)	66.8	(19.6)	63.2	(18.5)	59.6	(17.5)
TVD030D6-A Compressor Model 4DHNF63KE	-40 (-40)	66.8	(19.6)	63.8	(18.7)	60.6	(17.8)	57.2	(16.8)	53.8	(15.8)	50.4	(14.8)
	0 (-17.8)	229.2	(67.2)	219.4	(64.3)	210.0	(61.5)	201.2	(59)	192.6	(56.4)	-	-
	-5 (-20.6)	208.0	(61)	199.0	(58.3)	190.2	(55.7)	182.0	(53.3)	174.0	(51)	-	-
	-10 (-23.3)	188.4	(55.2)	179.8	(52.7)	171.8	(50.3)	164.0	(48.1)	156.8	(46)	150.0	(44)
	-15 (-26.1)	169.8	(49.8)	162.0	(47.5)	154.4	(45.3)	147.2	(43.1)	140.6	(41.2)	134.2	(39.3)
	-20 (-28.9)	152.4	(44.7)	145.0	(42.5)	138.0	(40.4)	131.4	(38.5)	125.2	(36.7)	119.6	(35.1)
	-25 (-31.7)	135.8	(39.8)	129.0	(37.8)	122.6	(35.9)	116.4	(34.1)	110.6	(32.4)	105.4	(30.9)
	-30 (-34.4)	119.8	(35.1)	113.6	(33.3)	107.6	(31.5)	102.0	(29.9)	96.6	(28.3)	91.6	(26.8)
TVD044D6-A Compressor Model 4DJNF76KE	-35 (-37.2)	104.4	(30.6)	98.6	(28.9)	93.0	(27.3)	87.6	(25.7)	82.8	(24.3)	78.2	(22.9)
	-40 (-40)	89.2	(26.1)	83.8	(24.6)	78.6	(23)	73.6	(21.6)	69.0	(20.2)	64.6	(18.9)
	0 (-17.8)	282.8	(82.9)	270.4	(79.2)	258.6	(75.8)	247.4	(72.5)	236.6	(69.3)	226.6	(66.4)
	-5 (-20.6)	257.6	(75.5)	246.2	(72.2)	235.4	(69)	225.0	(65.9)	215.0	(63)	205.6	(60.3)
	-10 (-23.3)	233.6	(68.5)	223.2	(65.4)	213.2	(62.5)	203.6	(59.7)	194.4	(57)	185.4	(54.3)
	-15 (-26.1)	210.6	(61.7)	201.2	(59)	192.0	(56.3)	183.2	(53.7)	174.6	(51.2)	166.2	(48.7)
	-20 (-28.9)	188.6	(55.3)	180.2	(52.8)	171.8	(50.3)	163.6	(47.9)	155.6	(45.6)	147.6	(43.3)
	-25 (-31.7)	167.8	(49.2)	160.0	(46.9)	152.4	(44.7)	144.8	(42.4)	137.2	(40.2)	129.6	(38)
TVD054D6-A Compressor Model 6DHNF93KE	-30 (-34.4)	147.6	(43.3)	140.8	(41.3)	133.6	(39.2)	126.6	(37.1)	119.4	(35)	112.0	(32.8)
	-35 (-37.2)	128.4	(37.6)	122.0	(35.8)	115.6	(33.9)	108.8	(31.9)	102.0	(29.9)	94.8	(27.8)
	-40 (-40)	109.6	(32.1)	103.8	(30.4)	97.8	(28.7)	91.4	(26.8)	84.8	(24.9)	77.6	(22.7)
	0 (-17.8)	359.8	(105.4)	345.0	(101.1)	330.2	(96.8)	316.0	(92.6)	301.8	(88.4)	287.8	(84.3)
	-5 (-20.6)	326.8	(95.8)	313.2	(91.8)	299.8	(87.9)	286.6	(84)	273.8	(80.2)	261.0	(76.5)
	-10 (-23.3)	294.6	(86.3)	282.2	(82.7)	270.0	(79.1)	258.0	(75.6)	246.2	(72.2)	234.4	(68.7)
	-15 (-26.1)	263.6	(77.3)	252.2	(73.9)	241.0	(70.6)	230.2	(67.5)	219.2	(64.2)	208.4	(61.1)
	-20 (-28.9)	233.8	(68.5)	223.6	(65.5)	213.4	(62.5)	203.4	(59.6)	193.2	(56.6)	183.2	(53.7)

**ELECTRICAL DATA -  
SINGLE COMPRESSOR MODELS**
**60Hz**

CONDENSING UNIT MODEL	COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR			CONDENSER FAN MOTOR		UNIT		
			RLA	LRA	QTY	WATTS	FLA	MCA	MOP	
TVS015H8-	HT3B -A	3DS3R17ME-TFC	208-230/3/60	59.6	275	2	3700	13.2	87.7	125
	HT4B -A	3DS3R17ME-TFD	460/3/60	29.0	138	2	3700	6.2	42.5	70
	HT5B -A	3DS3R17ME-TFE	575/3/60	23.6	110	2	3700	5.0	34.5	50
TVS020H8-	HT3B -A	4DANR18ME-TSK	208-230/3/60	72.1	308	2	3700	13.2	103.3	175
	HT4B -A	4DANR18ME-TSK	460/3/60	36.1	154	2	3700	6.2	51.3	80
	HT5B -A	4DANR18ME-TSE	575/3/60	30.7	135	2	3700	5.0	43.4	70
TVS022H8-	HT3B -A	4DBNR20ME-TSK	208-230/3/60	85.7	374	2	3700	13.2	120.3	200
	HT4B -A	4DBNR20ME-TSK	460/3/60	42.9	187	2	3700	6.2	59.8	100
	HT5B -A	4DBNR20ME-TSE	575/3/60	33.6	135	2	3700	5.0	47.0	80
TVS025H8-	HT3B -A	4DHNR22ME-TSK	208-230/3/60	107.1	428	2	3700	13.2	147.1	250
	HT4B -A	4DHNR22ME-TSK	460/3/60	53.6	214	2	3700	6.2	73.2	125
	HT5B -A	4DHNR22ME-TSE	575/3/60	38.8	172	2	3700	5.0	53.5	90
TVS030H8-	HT3B -A	4DJNR28ME-TSK	208-230/3/60	114.3	470	2	3700	13.2	156.1	250
	HT4B -A	4DJNR28ME-TSK	460/3/60	57.1	235	2	3700	6.2	77.6	125
	HT5B -A	4DJNR28ME-TSE	575/3/60	49.3	200	2	3700	5.0	66.6	110
TVS035H8-	HT3B -A	6DHNR35ME-TSK	208-230/3/60	141.4	565	3	5550	19.8	196.6	300
	HT4B -A	6DHNR35ME-TSK	460/3/60	70.7	283	3	5550	9.3	97.7	150
	HT5B -A	6DHNR35ME-TSE	575/3/60	53.6	230	3	5550	7.5	74.5	125
TVS040H8-	HD3B -A	6DJNR40ME-TSN*	230/3/60	158.6	594	3	5550	19.8	218.1	350
	HT4B -A	6DJNR40ME-TSN	460/3/60	79.3	297	3	5550	9.3	108.4	175
	HT5B -A	6DJNR40ME-TSE	575/3/60	65.0	245	3	5550	7.5	88.8	150
TVS015M8-	HT3B -A	3DS3R17ME-TFC	208-230/3/60	59.6	275	2	3700	13.2	87.7	125
	HT4B -A	3DS3R17ME-TFD	460/3/60	29.0	138	2	3700	6.2	42.5	70
	HT5B -A	3DS3R17ME-TFE	575/3/60	23.6	110	2	3700	5.0	34.5	50
TVS020M8-	HT3B -A	4DANR18ME-TSK	208-230/3/60	66.6	308	2	3700	13.2	96.5	150
	HT4B -A	4DANR18ME-TSK	460/3/60	33.3	154	2	3700	6.2	47.8	80
	HT5B -A	4DANR18ME-TSE	575/3/60	24.7	135	2	3700	5.0	35.9	60
TVS022M8-	HT3B -A	4DBNR20ME-TSK	208-230/3/60	72.1	374	2	3700	13.2	103.3	175
	HT4B -A	4DBNR20ME-TSK	460/3/60	36.1	187	2	3700	6.2	51.3	80
	HT5B -A	4DBNR20ME-TSE	575/3/60	31.4	135	2	3700	5.0	44.3	70
TVS025M8-	HT3B -A	4DHNR22ME-TSK	208-230/3/60	82.1	428	2	3700	13.2	115.8	175
	HT4B -A	4DHNR22ME-TSK	460/3/60	41.1	214	2	3700	6.2	57.6	90
	HT5B -A	4DHNR22ME-TSE	575/3/60	34.4	172	2	3700	5.0	48.0	80
TVS030M8-	HT3B -A	4DJNR28ME-TSK	208-230/3/60	105.4	470	2	3700	13.2	145.0	250
	HT4B -A	4DJNR28ME-TSK	460/3/60	52.7	235	2	3700	6.2	72.1	110
	HT5B -A	4DJNR28ME-TSE	575/3/60	44.1	200	2	3700	5.0	60.1	100
TVS035M8-	HT3B -A	6DHNR35ME-TSK	208-230/3/60	125.1	565	3	5550	19.8	176.2	300
	HT4B -A	6DHNR35ME-TSK	460/3/60	62.6	283	3	5550	9.3	87.6	150
	HT5B -A	6DHNR35ME-TSE	575/3/60	43.1	230	3	5550	7.5	61.4	100
TVS040M8-	HD3B -A	6DJNR40ME-TSN*	230/3/60	142.9	594	3	5550	19.8	198.4	300
	HT4B -A	6DJNR40ME-TSN	460/3/60	71.4	297	3	5550	9.3	98.6	150
	HT5B -A	6DJNR40ME-TSE	575/3/60	52.1	245	3	5550	7.5	72.6	110
TVS050M8-	HT4B -A	6DUNR49ME-AWD	460/3/60	83.6	482	3	5550	9.3	113.8	175
	HT5B -A	6DUNR49ME-TSE	575/3/60	62.6	336	3	5550	7.5	85.8	125
	HT3B -A	3DS3F46KE-TFC	208-230/3/60	41.4	215	1	1850	6.6	58.4	90
TVS010L 6/8 -	HT4B -A	3DS3F46KE-TFD	460/3/60	18.6	106	1	1850	3.1	26.4	40
	HT5B -A	3DS3F46KE-TFE	575/3/60	16.2	84	1	1850	2.5	22.8	35
	HT3B -A	4DHNF63KE-TSK	208-230/3/60	52.6	278	1	1850	6.6	72.4	110
TVS015L 6/8 -	HT4B -A	4DHNF63KE-TSK	460/3/60	26.3	139	1	1850	3.1	36.0	60
	HT5B -A	4DHNF63KE-TSE	575/3/60	20.9	113	1	1850	2.5	28.6	45
	HT3B -A	4DJNF76KE-TSK	208-230/3/60	64.3	374	2	3700	13.2	93.6	150
TVS022L 6/8 -	HT4B -A	4DJNF76KE-TSK	460/3/60	32.1	187	2	3700	6.2	46.3	70
	HT5B -A	4DJNF76KE-TSE	575/3/60	29.1	135	2	3700	5.0	41.4	70
	HT3B -A	6DHNF93KE-TSK	208-230/3/60	80.7	450	2	3700	13.2	114.1	175
TVS027L 6/8 -	HT4B -A	6DHNF93KE-TSK	460/3/60	40.4	225	2	3700	6.2	56.7	90
	HT5B -A	6DHNF93KE-TSE	575/3/60	32.5	172	2	3700	5.0	45.6	70
	HT3B -A	6DJNF11ME-TSK	208-230/3/60	95.6	470	2	3700	13.2	132.7	225
TVS030L 6/8 -	HT4B -A	6DJNF11ME-TSK	460/3/60	47.8	235	2	3700	6.2	66.0	110
	HT5B -A	6DJNF11ME-TSE	575/3/60	39.6	200	2	3700	5.0	54.5	90
	HT4B -A	6DUNF13ME-AWD	460/3/60	63.9	367	2	3700	6.2	86.1	125
TVS040L 6/8 -	HT5B -A	6DUNF13ME-TSE	575/3/60	53.5	336	2	3700	5.0	71.9	125
	HT3B -A	3DS3F46KE-TFC	208-230/3/60	41.4	215	1	900	4.9	56.7	90
	HT4B -A	3DS3F46KE-TFD	460/3/60	18.6	106	1	900	2.2	25.5	40
TVS010D 6/8 -	HT5B -A	3DS3F46KE-TFE	575/3/60	16.2	84	1	900	2.1	22.4	35
	HT3B -A	4DHNF63KE-TSK	208-230/3/60	52.6	278	1	900	4.9	70.7	110
	HT4B -A	4DHNF63KE-TSK	460/3/60	26.3	139	1	900	2.2	35.1	60
TVS015D 6/8 -	HT5B -A	4DHNF63KE-TSE	575/3/60	20.9	113	1	900	2.1	28.2	45
	HT3B -A	4DJNF76KE-TSK	208-230/3/60	64.3	374	2	1800	9.8	90.2	150
	HT4B -A	4DJNF76KE-TSK	460/3/60	32.1	187	2	1800	4.4	44.5	70
TVS022D 6/8 -	HT5B -A	4DJNF76KE-TSE	575/3/60	29.1	135	2	1800	4.2	40.6	60
	HT3B -A	6DHNF93KE-TSK	208-230/3/60	80.7	450	2	1800	9.8	110.7	175
	HT4B -A	6DHNF93KE-TSK	460/3/60	40.4	225	2	1800	4.4	54.9	90
TVS027D 6/8 -	HT5B -A	6DHNF93KE-TSE	575/3/60	33.8	172	2	1800	4.2	46.5	80

\* 6DJ only available in 230V

**ELECTRICAL DATA -  
DOUBLE COMPRESSOR MODELS**
**60Hz**

CONDENSING UNIT MODEL	COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		CONDENSER FAN MOTOR			UNIT	
			RLA	LRA	QTY	WATTS	FLA	MCA	MOP
<b>TVD030H8-</b>	<b>HT3B -A</b>	3DS3R17ME-TFC	208-230/3/60	59.6	275	4	7400	26.4	160.5
	<b>HT4B -A</b>	3DS3R17ME-TFD	460/3/60	29.0	138	4	7400	12.4	77.7
	<b>HT5B -A</b>	3DS3R17ME-TFE	575/3/60	23.6	110	4	7400	10.0	63.1
<b>TVD040H8-</b>	<b>HT3B -A</b>	4DANR18ME-TSK	208-230/3/60	72.1	308	4	7400	26.4	188.6
	<b>HT4B -A</b>	4DANR18ME-TSK	460/3/60	36.1	154	4	7400	12.4	93.6
	<b>HT5B -A</b>	4DANR18ME-TSE	575/3/60	30.7	135	4	7400	10.0	79.1
<b>TVD044H8-</b>	<b>HT3B -A</b>	4DBNR20ME-TSK	208-230/3/60	85.7	374	4	7400	26.4	219.2
	<b>HT4B -A</b>	4DBNR20ME-TSK	460/3/60	42.9	187	4	7400	12.4	108.9
	<b>HT5B -A</b>	4DBNR20ME-TSE	575/3/60	33.6	135	4	7400	10.0	85.6
<b>TVD050H8-</b>	<b>HT3B -A</b>	4DHNR22ME-TSK	208-230/3/60	107.1	428	4	7400	26.4	267.4
	<b>HT4B -A</b>	4DHNR22ME-TSK	460/3/60	53.6	214	4	7400	12.4	133.0
	<b>HT5B -A</b>	4DHNR22ME-TSE	575/3/60	38.8	172	4	7400	10.0	97.3
<b>TVD060H8-</b>	<b>HT3B -A</b>	4DJNR28ME-TSK	208-230/3/60	114.3	470	4	7400	26.4	283.6
	<b>HT4B -A</b>	4DJNR28ME-TSK	460/3/60	57.1	235	4	7400	12.4	140.9
	<b>HT5B -A</b>	4DJNR28ME-TSE	575/3/60	49.3	200	4	7400	10.0	120.9
<b>TVD070H8-</b>	<b>HT3B -A</b>	6DHNR35ME-TSK	208-230/3/60	141.4	565	6	11100	39.6	357.8
	<b>HT4B -A</b>	6DHNR35ME-TSK	460/3/60	70.7	283	6	11100	18.6	177.7
	<b>HT5B -A</b>	6DHNR35ME-TSE	575/3/60	53.6	230	6	11100	15.0	135.6
<b>TVD080H8-</b>	<b>HD3B -A</b>	6DJNR40ME-TSN*	230/3/60	158.6	594	6	11100	39.6	396.5
	<b>HT4B -A</b>	6DJNR40ME-TSN	460/3/60	79.3	297	6	11100	18.6	197.0
	<b>HT5B -A</b>	6DJNR40ME-TSE	575/3/60	65.0	245	6	11100	15.0	161.3
<b>TVD030M8-</b>	<b>HT3B -A</b>	3DS3R17ME-TFC	208-230/3/60	59.6	275	4	7400	26.4	160.5
	<b>HT4B -A</b>	3DS3R17ME-TFD	460/3/60	29.0	138	4	7400	12.4	77.7
	<b>HT5B -A</b>	3DS3R17ME-TFE	575/3/60	23.6	110	4	7400	10.0	63.1
<b>TVD040M8-</b>	<b>HT3B -A</b>	4DANR18ME-TSK	208-230/3/60	66.6	308	4	7400	26.4	176.3
	<b>HT4B -A</b>	4DANR18ME-TSK	460/3/60	33.3	154	4	7400	12.4	87.3
	<b>HT5B -A</b>	4DANR18ME-TSE	575/3/60	24.7	135	4	7400	10.0	65.6
<b>TVD044M8-</b>	<b>HT3B -A</b>	4DBNR20ME-TSK	208-230/3/60	72.1	374	4	7400	26.4	188.6
	<b>HT4B -A</b>	4DBNR20ME-TSK	460/3/60	36.1	187	4	7400	12.4	93.6
	<b>HT5B -A</b>	4DBNR20ME-TSE	575/3/60	31.4	135	4	7400	10.0	80.7
<b>TVD050M8-</b>	<b>HT3B -A</b>	4DHNR22ME-TSK	208-230/3/60	82.1	428	4	7400	26.4	211.1
	<b>HT4B -A</b>	4DHNR22ME-TSK	460/3/60	41.1	214	4	7400	12.4	104.9
	<b>HT5B -A</b>	4DHNR22ME-TSE	575/3/60	34.4	172	4	7400	10.0	87.4
<b>TVD060M8-</b>	<b>HT3B -A</b>	4DJNR28ME-TSK	208-230/3/60	105.4	470	4	7400	26.4	263.6
	<b>HT4B -A</b>	4DJNR28ME-TSK	460/3/60	52.7	235	4	7400	12.4	131.0
	<b>HT5B -A</b>	4DJNR28ME-TSE	575/3/60	44.1	200	4	7400	10.0	109.2
<b>TVD070M8-</b>	<b>HT3B -A</b>	6DHNR35ME-TSK	208-230/3/60	125.1	565	6	11100	39.6	321.1
	<b>HT4B -A</b>	6DHNR35ME-TSK	460/3/60	62.6	283	6	11100	18.6	159.5
	<b>HT5B -A</b>	6DHNR35ME-TSE	575/3/60	43.1	230	6	11100	15.0	112.0
<b>TVD080M8-</b>	<b>HT3B -A</b>	6DJNR40ME-TSN*	230/3/60	142.9	594	6	11100	39.6	361.1
	<b>HT4B -A</b>	6DJNR40ME-TSN	460/3/60	71.4	297	6	11100	18.6	179.3
	<b>HT5B -A</b>	6DJNR40ME-TSE	575/3/60	52.1	245	6	11100	15.0	132.2
<b>TVD100M8-</b>	<b>HT4B -A</b>	6DUNR49ME-AWD	460/3/60	83.6	482	6	11100	18.6	206.7
	<b>HT5B -A</b>	6DUNR49ME-TSE	575/3/60	62.6	336	6	11100	15.0	155.9
	<b>HT3B -A</b>	3DS3F46KE-TFC	208-230/3/60	41.4	215	2	3700	13.2	106.4
<b>TVD020L 6/8 -</b>	<b>HT4B -A</b>	3DS3F46KE-TFD	460/3/60	18.6	106	2	3700	6.2	48.1
	<b>HT5B -A</b>	3DS3F46KE-TFE	575/3/60	16.2	84	2	3700	5.0	41.5
	<b>HT3B -A</b>	4DHNF63KE-TSK	208-230/3/60	52.6	278	2	3700	13.2	131.6
<b>TVD030L 6/8 -</b>	<b>HT4B -A</b>	4DHNF63KE-TSK	460/3/60	26.3	139	2	3700	6.2	65.4
	<b>HT5B -A</b>	4DHNF63KE-TSE	575/3/60	20.9	113	2	3700	5.0	52.0
	<b>HT3B -A</b>	4DJNF76KE-TSK	208-230/3/60	64.3	374	4	7400	26.4	171.1
<b>TVD044L 6/8 -</b>	<b>HT4B -A</b>	4DJNF76KE-TSK	460/3/60	32.1	187	4	7400	12.4	84.6
	<b>HT5B -A</b>	4DJNF76KE-TSE	575/3/60	29.1	135	4	7400	10.0	75.5
	<b>HT3B -A</b>	6DHNF93KE-TSK	208-230/3/60	80.7	450	4	7400	26.4	208.0
<b>TVD054L 6/8 -</b>	<b>HT4B -A</b>	6DHNF93KE-TSK	460/3/60	40.4	225	4	7400	12.4	103.3
	<b>HT5B -A</b>	6DHNF93KE-TSE	575/3/60	32.5	172	4	7400	10.0	83.1
	<b>HT3B -A</b>	6DJNF11ME-TSK	208-230/3/60	95.6	470	4	7400	26.4	241.5
<b>TVD060L 6/8 -</b>	<b>HT4B -A</b>	6DJNF11ME-TSK	460/3/60	47.8	235	4	7400	12.4	120.0
	<b>HT5B -A</b>	6DJNF11ME-TSE	575/3/60	39.6	200	4	7400	10.0	99.1
	<b>HT4B -A</b>	6DUNF13ME-AWD	460/3/60	63.9	367	4	7400	12.4	156.2
<b>TVD080L 6/8 -</b>	<b>HT5B -A</b>	6DUNF13ME-TSE	575/3/60	53.5	336	4	7400	10.0	130.4
	<b>HT3B -A</b>	3DS3F46KE-TFC	208-230/3/60	41.4	215	2	1800	9.8	103.0
	<b>HT4B -A</b>	3DS3F46KE-TFD	460/3/60	18.6	106	2	1800	4.4	46.3
<b>TVS020D 6/8 -</b>	<b>HT5B -A</b>	3DS3F46KE-TFE	575/3/60	16.2	84	2	1800	4.2	40.7
	<b>HT3B -A</b>	4DHNF63KE-TSK	208-230/3/60	52.6	278	2	1800	9.8	128.2
	<b>HT4B -A</b>	4DHNF63KE-TSK	460/3/60	26.3	139	2	1800	4.4	63.6
<b>TVS030D 6/8 -</b>	<b>HT5B -A</b>	4DHNF63KE-TSE	575/3/60	20.9	113	2	1800	4.2	51.2
	<b>HT3B -A</b>	4DJNF76KE-TSK	208-230/3/60	64.3	374	4	3600	19.6	164.3
	<b>HT4B -A</b>	4DJNF76KE-TSK	460/3/60	32.1	187	4	3600	8.8	81.0
<b>TVS044D 6/8 -</b>	<b>HT5B -A</b>	4DJNF76KE-TSE	575/3/60	29.1	135	4	3600	8.4	73.9
	<b>HT3B -A</b>	6DHNF93KE-TSK	208-230/3/60	80.7	450	4	3600	19.6	201.2
	<b>HT4B -A</b>	6DHNF93KE-TSK	460/3/60	40.4	225	4	3600	8.8	99.7
<b>TVS054D 6/8 -</b>	<b>HT5B -A</b>	6DHNF93KE-TSE	575/3/60	33.8	172	4	3600	8.4	84.5

\* 6DJ only available in 230V

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

CONDENSING UNIT MODEL	COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		CONDENSER FAN MOTOR **			UNIT	
			RLA	LRA	QTY	WATTS	FLA	MCA	MOP
TVS015H8-	HT3B - A	3DS3R17ME-TFC	208-230/3/60	59.6	275	2	3500	12.4	86.9
	HT4B - A	3DS3R17ME-TFD	460/3/60	29.0	138	2	3500	4.6	40.9
	HT5B - A	3DS3R17ME-TFE	575/3/60	23.6	110	2	3500	5.0	34.5
TVS020H8-	HT3B - A	4DANR18ME-TSK	208-230/3/60	72.1	308	2	3500	12.4	102.5
	HT4B - A	4DANR18ME-TSK	460/3/60	36.1	154	2	3500	6.2	51.3
	HT5B - A	4DANR18ME-TSE	575/3/60	30.7	135	2	3500	5.0	43.4
TVS022H8-	HT3B - A	4DBNR20ME-TSK	208-230/3/60	85.7	374	2	3500	12.4	119.5
	HT4B - A	4DBNR20ME-TSK	460/3/60	42.9	187	2	3500	4.6	58.2
	HT5B - A	4DBNR20ME-TSE	575/3/60	33.6	135	2	3500	5.0	47.0
TVS025H8-	HT3B - A	4DHNR22ME-TSK	208-230/3/60	107.1	428	2	3500	12.4	146.3
	HT4B - A	4DHNR22ME-TSK	460/3/60	53.6	214	2	3500	4.6	71.6
	HT5B - A	4DHNR22ME-TSE	575/3/60	38.8	172	2	3500	5.0	53.5
TVS030H8-	HT3B - A	4DJNR28ME-TSK	208-230/3/60	114.3	470	2	3500	12.4	155.3
	HT4B - A	4DJNR28ME-TSK	460/3/60	57.1	235	2	3500	4.6	76.0
	HT5B - A	4DJNR28ME-TSE	575/3/60	49.3	200	2	3500	5.0	66.6
TVS035H8-	HT3B - A	6DHNR35ME-TSK	208-230/3/60	141.4	565	3	5250	18.6	195.4
	HT4B - A	6DHNR35ME-TSK	460/3/60	70.7	283	3	5250	6.9	95.3
	HT5B - A	6DHNR35ME-TSE	575/3/60	53.6	230	3	5250	7.5	74.5
TVS040H8-	HD3B - A	6DJNR40ME-TSN*	230/3/60	158.6	594	3	5250	18.6	216.9
	HT4B - A	6DJNR40ME-TSN	460/3/60	79.3	297	3	5250	6.9	106.0
	HT5B - A	6DJNR40ME-TSE	575/3/60	65.0	245	3	5250	7.5	88.8
TVS015M8-	HT3B - A	3DS3R17ME-TFC	208-230/3/60	59.6	275	2	3500	12.4	86.9
	HT4B - A	3DS3R17ME-TFD	460/3/60	29.0	138	2	3500	6.2	42.5
	HT5B - A	3DS3R17ME-TFE	575/3/60	23.6	110	2	3500	5.0	34.5
TVS020M8-	HT3B - A	4DANR18ME-TSK	208-230/3/60	66.6	308	2	3500	12.4	95.7
	HT4B - A	4DANR18ME-TSK	460/3/60	33.3	154	2	3500	6.2	47.8
	HT5B - A	4DANR18ME-TSE	575/3/60	24.7	135	2	3500	5.0	35.9
TVS022M8-	HT3B - A	4DBNR20ME-TSK	208-230/3/60	72.1	374	2	3500	12.4	102.5
	HT4B - A	4DBNR20ME-TSK	460/3/60	36.1	187	2	3500	6.2	51.3
	HT5B - A	4DBNR20ME-TSE	575/3/60	31.4	135	2	3500	5.0	44.3
TVS025M8-	HT3B - A	4DHNR22ME-TSK	208-230/3/60	82.1	428	2	3500	12.4	115.0
	HT4B - A	4DHNR22ME-TSK	460/3/60	41.1	214	2	3500	6.2	57.6
	HT5B - A	4DHNR22ME-TSE	575/3/60	34.4	172	2	3500	5.0	48.0
TVS030M8-	HT3B - A	4DJNR28ME-TSK	208-230/3/60	105.4	470	2	3500	12.4	144.2
	HT4B - A	4DJNR28ME-TSK	460/3/60	52.7	235	2	3500	6.2	72.1
	HT5B - A	4DJNR28ME-TSE	575/3/60	44.1	200	2	3500	5.0	60.1
TVS035M8-	HT3B - A	6DHNR35ME-TSK	208-230/3/60	125.1	565	3	5250	18.6	175.0
	HT4B - A	6DHNR35ME-TSK	460/3/60	62.6	283	3	5250	9.3	87.6
	HT5B - A	6DHNR35ME-TSE	575/3/60	43.1	230	3	5250	7.5	61.4
TVS040M8-	HD3B - A	6DJNR40ME-TSN*	230/3/60	142.9	594	3	5250	18.6	197.2
	HT4B - A	6DJNR40ME-TSN	460/3/60	71.4	297	3	5250	9.3	98.6
	HT5B - A	6DJNR40ME-TSE	575/3/60	52.1	245	3	5250	7.5	72.6
TVS050M8-	HT4B - A	6DUNR49ME-AWD	460/3/60	83.6	482	3	5250	9.3	113.8
	HT5B - A	6DUNR49ME-TSE	575/3/60	62.6	336	3	5250	7.5	85.8
	HT3B - A	3DS3F46KE-TFC	208-230/3/60	41.4	215	1	1750	6.6	58.4
TVS010L 6/8 -	HT4B - A	3DS3F46KE-TFD	460/3/60	18.6	106	1	1750	3.1	26.4
	HT5B - A	3DS3F46KE-TFE	575/3/60	16.2	84	1	1750	2.5	22.8
	HT3B - A	4DHNF63KE-TSK	208-230/3/60	52.6	278	1	1750	6.6	72.4
TVS015L 6/8 -	HT4B - A	4DHNF63KE-TSK	460/3/60	26.3	139	1	1750	3.1	36.0
	HT5B - A	4DHNF63KE-TSE	575/3/60	20.9	113	1	1750	2.5	28.6
	HT3B - A	4DJNF76KE-TSK	208-230/3/60	64.3	374	2	3500	12.4	92.8
TVS022L 6/8 -	HT4B - A	4DJNF76KE-TSK	460/3/60	32.1	187	2	3500	4.6	44.7
	HT5B - A	4DJNF76KE-TSE	575/3/60	29.1	135	2	3500	5.0	41.4
	HT3B - A	6DHNF93KE-TSK	208-230/3/60	80.7	450	2	3500	12.4	113.3
TVS027L 6/8 -	HT4B - A	6DHNF93KE-TSK	460/3/60	40.4	225	2	3500	4.6	55.1
	HT5B - A	6DHNF93KE-TSE	575/3/60	32.5	172	2	3500	5.0	45.6
	HT3B - A	6DJNF11ME-TSK	208-230/3/60	95.6	470	2	3500	12.4	131.9
TVS030L 6/8 -	HT4B - A	6DJNF11ME-TSK	460/3/60	47.8	235	2	3500	4.6	64.4
	HT5B - A	6DJNF11ME-TSE	575/3/60	39.6	200	2	3500	5.0	54.5
	HT4B - A	6DUNR49ME-AWD	460/3/60	63.9	367	2	3500	6.2	86.1
TVS040L 6/8 -	HT5B - A	6DUNR49ME-TSE	575/3/60	62.6	336	3	5250	7.5	85.8

\* 6DJ only available in 230V

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

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

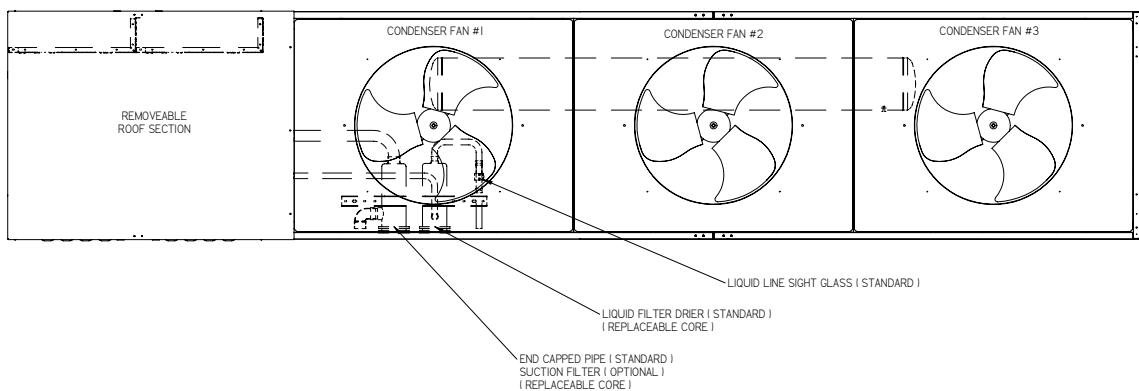
CONDENSING UNIT MODEL	COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		CONDENSER FAN MOTOR **			UNIT	
			RLA	LRA	QTY	WATTS	FLA	MCA	MOP
<b>TVD030H8-</b>	HT3B -A	3DS3R17ME-TFC	208-230/3/60	59.6	275	4	7000	24.8	158.9
	HT4B -A	3DS3R17ME-TFD	460/3/60	29.0	138	4	7000	9.2	74.5
	HT5B -A	3DS3R17ME-TFE	575/3/60	23.6	110	4	7000	10.0	63.1
<b>TVD040H8-</b>	HT3B -A	4DANR18ME-TSK	208-230/3/60	72.1	308	4	7000	24.8	187.0
	HT4B -A	4DANR18ME-TSK	460/3/60	36.1	154	4	7000	12.4	93.6
	HT5B -A	4DANR18ME-TSE	575/3/60	30.7	135	4	7000	10.0	79.1
<b>TVD044H8-</b>	HT3B -A	4DBNR20ME-TSK	208-230/3/60	85.7	374	4	7000	24.8	217.6
	HT4B -A	4DBNR20ME-TSK	460/3/60	42.9	187	4	7000	9.2	105.7
	HT5B -A	4DBNR20ME-TSE	575/3/60	33.6	135	4	7000	10.0	85.6
<b>TVD050H8-</b>	HT3B -A	4DHNR22ME-TSK	208-230/3/60	107.1	428	4	7000	24.8	265.8
	HT4B -A	4DHNR22ME-TSK	460/3/60	53.6	214	4	7000	9.2	129.8
	HT5B -A	4DHNR22ME-TSE	575/3/60	38.8	172	4	7000	10.0	97.3
<b>TVD060H8-</b>	HT3B -A	4DJNR28ME-TSK	208-230/3/60	114.3	470	4	7000	24.8	282.0
	HT4B -A	4DJNR28ME-TSK	460/3/60	57.1	235	4	7000	9.2	137.7
	HT5B -A	4DJNR28ME-TSE	575/3/60	49.3	200	4	7000	10.0	120.9
<b>TVD070H8-</b>	HT3B -A	6DHNR35ME-TSK	208-230/3/60	141.4	565	6	10500	37.2	355.4
	HT4B -A	6DHNR35ME-TSK	460/3/60	70.7	283	6	10500	13.8	172.9
	HT5B -A	6DHNR35ME-TSE	575/3/60	53.6	230	6	10500	15.0	135.6
<b>TVD080H8-</b>	HD3B -A	6DJN40ME-TSN*	230/3/60	158.6	594	6	10500	37.2	394.1
	HT4B -A	6DJN40ME-TSN	460/3/60	79.3	297	6	10500	13.8	192.2
	HT5B -A	6DJN40ME-TSE	575/3/60	65.0	245	6	10500	15.0	161.3
<b>TVD030M8-</b>	HT3B -A	3DS3R17ME-TFC	208-230/3/60	59.6	275	4	7000	24.8	158.9
	HT4B -A	3DS3R17ME-TFD	460/3/60	29.0	138	4	7000	12.4	77.7
	HT5B -A	3DS3R17ME-TFE	575/3/60	23.6	110	4	7000	10.0	63.1
<b>TVD040M8-</b>	HT3B -A	4DANR18ME-TSK	208-230/3/60	66.6	308	4	7000	24.8	174.7
	HT4B -A	4DANR18ME-TSK	460/3/60	33.3	154	4	7000	12.4	87.3
	HT5B -A	4DANR18ME-TSE	575/3/60	24.7	135	4	7000	10.0	65.6
<b>TVD044M8-</b>	HT3B -A	4DBNR20ME-TSK	208-230/3/60	72.1	374	4	7000	24.8	187.0
	HT4B -A	4DBNR20ME-TSK	460/3/60	36.1	187	4	7000	12.4	93.6
	HT5B -A	4DBNR20ME-TSE	575/3/60	31.4	135	4	7000	10.0	80.7
<b>TVD050M8-</b>	HT3B -A	4DHNR22ME-TSK	208-230/3/60	82.1	428	4	7000	24.8	209.5
	HT4B -A	4DHNR22ME-TSK	460/3/60	41.1	214	4	7000	12.4	104.9
	HT5B -A	4DHNR22ME-TSE	575/3/60	34.4	172	4	7000	10.0	87.4
<b>TVD060M8-</b>	HT3B -A	4DJNR28ME-TSK	208-230/3/60	105.4	470	4	7000	24.8	262.0
	HT4B -A	4DJNR28ME-TSK	460/3/60	52.7	235	4	7000	12.4	131.0
	HT5B -A	4DJNR28ME-TSE	575/3/60	44.1	200	4	7000	10.0	109.2
<b>TVD070M8-</b>	HT3B -A	6DHNR35ME-TSK	208-230/3/60	125.1	565	6	10500	37.2	318.7
	HT4B -A	6DHNR35ME-TSK	460/3/60	62.6	283	6	10500	18.6	159.5
	HT5B -A	6DHNR35ME-TSE	575/3/60	43.1	230	6	10500	15.0	112.0
<b>TVD080M8-</b>	HD3B -A	6DJN40ME-TSN*	230/3/60	142.9	594	6	10500	37.2	358.7
	HT4B -A	6DJN40ME-TSN	460/3/60	71.4	297	6	10500	18.6	179.3
	HT5B -A	6DJN40ME-TSE	575/3/60	52.1	245	6	10500	15.0	132.2
<b>TVD100M8-</b>	HT4B -A	6DUNR49ME-AWD	460/3/60	83.6	482	6	10500	18.6	206.7
	HT5B -A	6DUNR49ME-TSE	575/3/60	62.6	336	6	10500	15.0	155.9
<b>TVD020L 6/8 -</b>	HT3B -A	3DS3F46KE-TFC	208-230/3/60	41.4	215	2	3500	12.4	105.6
	HT4B -A	3DS3F46KE-TFD	460/3/60	18.6	106	2	3500	4.6	46.5
	HT5B -A	3DS3F46KE-TFE	575/3/60	16.2	84	2	3500	5.0	41.5
<b>TVD030L 6/8 -</b>	HT3B -A	4DHNF63KE-TSK	208-230/3/60	52.6	278	2	3500	12.4	130.8
	HT4B -A	4DHNF63KE-TSK	460/3/60	26.3	139	2	3500	4.6	63.8
	HT5B -A	4DHNF63KE-TSE	575/3/60	20.9	113	2	3500	5.0	52.0
<b>TVD044L 6/8 -</b>	HT3B -A	4DJNF76KE-TSK	208-230/3/60	64.3	374	4	7000	24.8	169.5
	HT4B -A	4DJNF76KE-TSK	460/3/60	32.1	187	4	7000	9.2	81.4
	HT5B -A	4DJNF76KE-TSE	575/3/60	29.1	135	4	7000	10.0	75.5
<b>TVD054L 6/8 -</b>	HT3B -A	6DHNF93KE-TSK	208-230/3/60	80.7	450	4	7000	24.8	206.4
	HT4B -A	6DHNF93KE-TSK	460/3/60	40.4	225	4	7000	9.2	100.1
	HT5B -A	6DHNF93KE-TSE	575/3/60	32.5	172	4	7000	10.0	83.1
<b>TVD060L 6/8 -</b>	HT3B -A	6DJNF11ME-TSK	208-230/3/60	95.6	470	4	7000	24.8	239.9
	HT4B -A	6DJNF11ME-TSK	460/3/60	47.8	235	4	7000	9.2	116.8
	HT5B -A	6DJNF11ME-TSE	575/3/60	39.6	200	4	7000	10.0	99.1
<b>TVD080L 6/8 -</b>	HT4B -A	6DUNF13ME-AWD	460/3/60	63.9	367	4	7000	9.2	153.0
	HT5B -A	6DUNF13ME-TSE	575/3/60	53.5	336	4	7000	10.0	130.4

\* 6DJ only available in 230V

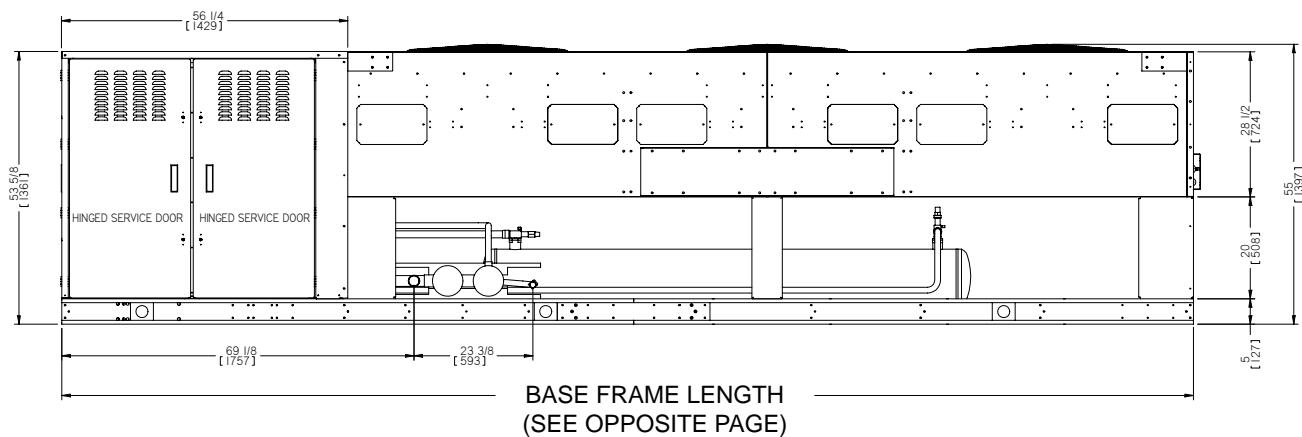
\*\* = 575V units use a 230V motor with a transformer

## TOP VIEW

ELECTRICAL COMPARTMENTS ( WITH HINGED DOOR )

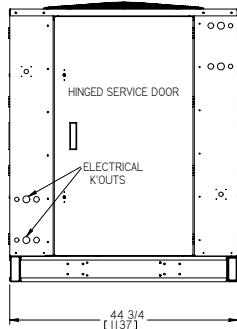


## SIDE VIEW



**TVS****DIMENSIONAL DATA -  
SINGLE COMPRESSOR MODELS****60Hz**

COMPRESSOR-END VIEW

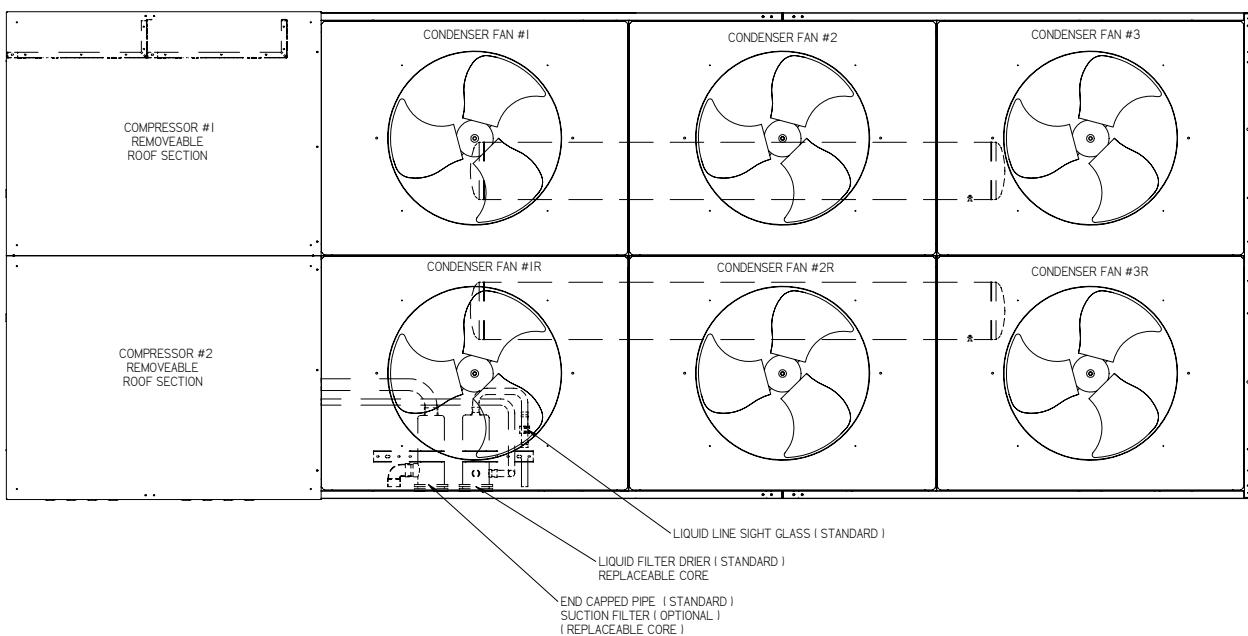
**TVS-A  
COPELAND**

CONDENSING UNIT MODEL	BASE FRAME LENGTH	
	inches	mm
TVS015H8-H**B-A	167 3/8	4251
TVS020H8-H**B-A	167 3/8	4251
TVS022H8-H**B-A	167 3/8	4251
TVS025H8-H**B-A	167 3/8	4251
TVS030H8-H**B-A	167 3/8	4251
TVS035H8-H**B-A	222 3/8	5648
TVS040H8-H**B-A	222 3/8	5648
TVS015M8-H**B-A	167 3/8	4251
TVS020M8-H**B-A	167 3/8	4251
TVS022M8-H**B-A	167 3/8	4251
TVS025M8-H**B-A	167 3/8	4251
TVS030M8-H**B-A	167 3/8	4251
TVS035M8-H**B-A	222 3/8	5648
TVS040M8-H**B-A	222 3/8	5648
TVS050M8-H**B-A	222 3/8	5648
TVS010L 6/8 -H**B-A	112 3/8	2854
TVS015L 6/8 -H**B-A	112 3/8	2854
TVS022L 6/8 -H**B-A	167 3/8	4251
TVS027L 6/8 -H**B-A	167 3/8	4251
TVS030L 6/8 -H**B-A	167 3/8	4251
TVS040L 6/8 -H**B-A	167 3/8	4251
TVS010D 6/8 -H**B-A	112 3/8	2854
TVS015D 6/8 -H**B-A	112 3/8	2854
TVS022D 6/8 -H**B-A	167 3/8	4251
TVS027D 6/8 -H**B-A	167 3/8	4251

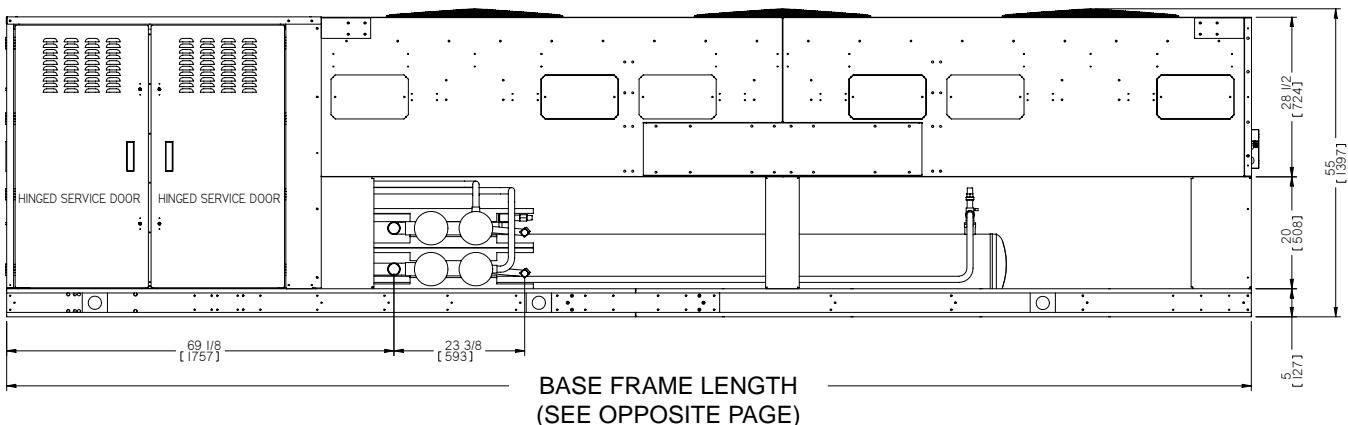
**TVD****DIMENSIONAL DATA -  
DOUBLE COMPRESSOR MODELS****60Hz**

TOP VIEW

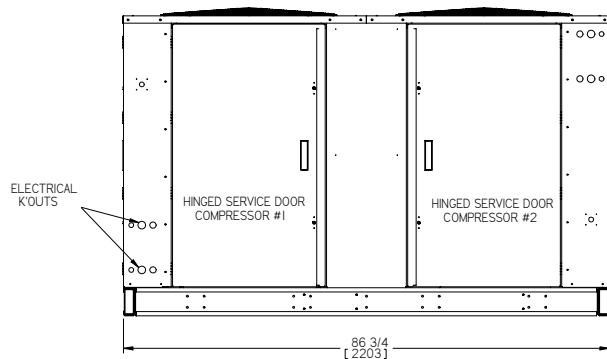
ELECTRICAL COMPARTMENTS ( WITH HINGED DOOR )



SIDE VIEW



COMPRESSOR-END VIEW



**TVD-A**  
COPELAND

CONDENSING UNIT MODEL	BASE FRAME LENGTH	
	inches	mm
TVD030H8-H**B-A	167 3/8	4251
TVD040H8-H**B-A	167 3/8	4251
TVD044H8-H**B-A	167 3/8	4251
TVD050H8-H**B-A	167 3/8	4251
TVD060H8-H**B-A	167 3/8	4251
TVD070H8-H**B-A	222 3/8	5648
TVD080H8-H**B-A	222 3/8	5648
TVD030M8-H**B-A	167 3/8	4251
TVD040M8-H**B-A	167 3/8	4251
TVD044M8-H**B-A	167 3/8	4251
TVD050M8-H**B-A	167 3/8	4251
TVD060M8-H**B-A	167 3/8	4251
TVD070M8-H**B-A	222 3/8	5648
TVD080M8-H**B-A	222 3/8	5648
TVD100M8-H**B-A	222 3/8	5648
TVD020L 6/8 -H**B-A	112 3/8	2854
TVD030L 6/8 -H**B-A	112 3/8	2854
TVD044L 6/8 -H**B-A	167 3/8	4251
TVD054L 6/8 -H**B-A	167 3/8	4251
TVD060L 6/8 -H**B-A	167 3/8	4251
TVD080L 6/8 -H**B-A	167 3/8	4251
TVS020D 6/8 -H**B-A	112 3/8	2854
TVS030D 6/8 -H**B-A	112 3/8	2854
TVS044D 6/8 -H**B-A	167 3/8	4251
TVS054D 6/8 -H**B-A	167 3/8	4251

**SPECIFICATIONS -  
SINGLE COMPRESSOR MODELS**

**60Hz**

CONDENSING UNIT MODEL	CONDENS- ER FANS	UNIT CONNECTIONS				<b>R404A</b> RECEIVER CAPACITY 90% FULL *		APPROX. SHIPPING WEIGHT	
		SUCTION (OD)		LIQUID (OD)					
		Inches	mm	Inches	mm	Lbs.	Kgs	Lbs.	Kgs
TVS015H8-H**B-A	2	1 5/8	41	7/8	22	103	46.7	2155	979
TVS020H8-H**B-A	2	1 5/8	41	7/8	22	103	46.7	2310	1027
TVS022H8-H**B-A	2	2 1/8	54	1 1/8	29	124	56.3	2385	1084
TVS025H8-H**B-A	2	2 1/8	54	1 1/8	29	124	56.3	2400	1091
TVS030H8-H**B-A	2	2 1/8	54	1 1/8	29	157	71.2	2500	1136
TVS035H8-H**B-A	3	2 1/8	54	1 1/8	29	189	85.8	3035	1379
TVS040H8-H**B-A	3	2 1/8	54	1 3/8	35	189	85.8	3165	1438
TVS015M8-H**B-A	2	1 5/8	41	7/8	22	103	46.7	2160	982
TVS020M8-H**B-A	2	1 5/8	41	7/8	22	103	46.7	2305	1048
TVS022M8-H**B-A	2	2 1/8	54	1 1/8	29	124	56.3	2390	1086
TVS025M8-H**B-A	2	2 1/8	54	1 1/8	29	124	56.3	2405	1093
TVS030M8-H**B-A	2	2 1/8	54	1 1/8	29	157	71.2	2510	1141
TVS035M8-H**B-A	3	2 1/8	54	1 1/8	29	189	85.8	3035	1379
TVS040M8-H**B-A	3	2 1/8	54	1 1/8	29	189	85.8	3165	1438
TVS050M8-H**B-A	3	2 1/8	54	1 1/8	29	254	115.3	3285	1493
TVS010L 6/8 -H**B-A	1	1 3/8	35	5/8	16	70	31.8	1675	761
TVS015L 6/8 -H**B-A	1	1 5/8	41	7/8	22	82	37.2	1800	818
TVS022L 6/8 -H**B-A	2	2 1/8	54	7/8	22	103	46.7	2285	1039
TVS027L 6/8 -H**B-A	2	2 1/8	54	1 1/8	29	124	56.3	2510	1141
TVS030L 6/8 -H**B-A	2	2 1/8	54	1 1/8	29	124	56.3	2515	1143
TVS040L 6/8 -H**B-A	2	2 1/8	54	1 1/8	29	157	71.2	2645	1202
TVS010D 6/8 -H**B-A	1	1 3/8	35	5/8	16	70	31.8	1675	761
TVS015D 6/8 -H**B-A	1	1 5/8	41	7/8	22	82	37.2	1800	818
TVS022D 6/8 -H**B-A	2	2 1/8	54	7/8	22	103	46.7	2285	1039
TVS027D 6/8 -H**B-A	2	2 1/8	54	1 1/8	29	124	56.3	2510	1141

**SPECIFICATIONS -  
DOUBLE COMPRESSOR MODELS**

**60Hz**

CONDENSING UNIT MODEL	CONDENS- ER FANS	UNIT CONNECTIONS				<b>R404A</b> RECEIVER CAPACITY 90% FULL *		APPROX. SHIPPING WEIGHT	
		SUCTION (OD)		LIQUID (OD)					
		Inches	mm	Inches	mm	Lbs.	Kgs	Lbs.	Kgs
TVD030H8-H**B-A	2	1 5/8	41	7/8	22	103	46.7	3865	1757
TVD040H8-H**B-A	2	1 5/8	41	7/8	22	103	46.7	4165	1847
TVD044H8-H**B-A	2	2 1/8	54	1 1/8	29	124	56.3	4315	1916
TVD050H8-H**B-A	2	2 1/8	54	1 1/8	29	124	56.3	4345	1975
TVD060H8-H**B-A	2	2 1/8	54	1 1/8	29	157	71.2	4540	2063
TVD070H8-H**B-A	3	2 1/8	54	1 1/8	29	189	85.8	5510	2504
TVD080H8-H**B-A	3	2 1/8	54	1 3/8	35	189	85.8	5760	2618
TVD030M8-H**B-A	2	1 5/8	41	7/8	22	103	46.7	3875	1761
TVD040M8-H**B-A	2	1 5/8	41	7/8	22	103	46.7	4030	1852
TVD044M8-H**B-A	2	2 1/8	54	1 1/8	29	124	56.3	4325	1966
TVD050M8-H**B-A	2	2 1/8	54	1 1/8	29	124	56.3	4355	1979
TVD060M8-H**B-A	2	2 1/8	54	1 1/8	29	157	71.2	4555	2070
TVD070M8-H**B-A	3	2 1/8	54	1 1/8	29	189	85.8	5515	2506
TVD080M8-H**B-A	3	2 1/8	54	1 1/8	29	189	85.8	5760	2618
TVD100M8-H**B-A	3	2 1/8	54	1 1/8	29	254	115.3	6005	2729
TVD020L 6/8 -H**B-A	1	1 3/8	35	5/8	16	70	31.8	2975	1352
TVD030L 6/8 -H**B-A	1	1 5/8	41	7/8	22	82	37.2	3225	1466
TVD044L 6/8 -H**B-A	2	2 1/8	54	7/8	22	103	46.7	4120	1872
TVD054L 6/8 -H**B-A	2	2 1/8	54	1 1/8	29	124	56.3	4570	2077
TVD060L 6/8 -H**B-A	2	2 1/8	54	1 1/8	29	124	56.3	4580	2082
TVD080L 6/8 -H**B-A	2	2 1/8	54	1 1/8	29	157	71.2	4830	2195
TVD020D 6/8 -H**B-A	1	1 3/8	35	5/8	16	70	31.8	2975	1352
TVD030D 6/8 -H**B-A	1	1 5/8	41	7/8	22	82	37.2	3225	1466
TVD044D 6/8 -H**B-A	2	2 1/8	54	7/8	22	103	46.7	4120	1872
TVD054D 6/8 -H**B-A	2	2 1/8	54	1 1/8	29	124	56.3	4570	2077

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

<b>R407A</b>	<b>R407C</b>	<b>R448A 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 R507	R407A	R448A R449A	R407C
TVS015H8-A	7.6	7.6	7.6	-
TVS020H8-A	7.6	7.6	7.6	7.6
TVS022H8-A	7.6	7.6	7.6	7.6
TVS025H8-A	7.6	7.6	7.6	7.6
TVS030H8-A	7.6	7.6	7.6	7.6
TVS035H8-A	7.6	7.6	7.6	-
TVS040H8-A	7.6	7.6	7.6	7.6
TVD030H8-A	7.6	7.6	7.6	-
TVD040H8-A	7.6	7.6	7.6	7.6
TVD044H8-A	7.6	7.6	7.6	7.6
TVD050H8-A	7.6	7.6	7.6	7.6
TVD060H8-A	7.6	7.6	7.6	7.6
TVD070H8-A	7.6	7.6	7.6	-
TVD080H8-A	7.6	7.6	7.6	7.6
TVS015M8-A	7.6	7.6	7.6	7.6
TVS020M8-A	7.6	7.6	7.6	7.6
TVS022M8-A	7.6	7.6	7.6	7.6
TVS025M8-A	7.6	7.6	7.6	7.6
TVS030M8-A	7.6	7.6	7.6	7.6
TVS035M8-A	7.6	7.6	7.6	7.6
TVS040M8-A	7.6	7.6	7.6	7.6
TVS050M8-A	7.6	7.6	7.6	7.6
TVD030M8-A	7.6	7.6	7.6	7.6
TVD040M8-A	7.6	7.6	7.6	7.6
TVD044M8-A	7.6	7.6	7.6	7.6
TVD050M8-A	7.6	7.6	7.6	7.6
TVD060M8-A	7.6	7.6	7.6	7.6
TVD070M8-A	7.6	7.6	7.6	7.6
TVD080M8-A	7.6	7.6	7.6	7.6
TVD100M8-A	7.6	7.6	7.6	7.6

= Non-compliant model

## Annual Walk-In Energy Factor Ratings - Low Temperature

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

Base Unit Model	Outdoor Models			
	R404A R507	R407A	R448A R449A	R407C
TVS010L 6/8 -A	-	-	-	-
TVS015L 6/8 -A	-	-	-	-
TVS022L 6/8 -A	-	-	-	-
TVS027L 6/8 -A	-	-	-	-
TVS030L 6/8 -A	-	-	-	-
TVS040L 6/8 -A	-	-	-	-
TVD020L 6/8 -A	-	-	-	-
TVD030L 6/8 -A	-	-	-	-
TVD044L 6/8 -A	-	-	-	-
TVD054L 6/8 -A	-	-	-	-
TVD060L 6/8 -A	-	-	-	-
TVD080L 6/8 -A	-	-	-	-
TVS010D 6/8 -A	3.15	3.15	3.15	-
TVS015D 6/8 -A	3.15	3.15	3.15	-
TVS022D 6/8 -A	3.15	3.15	3.15	-
TVS027D 6/8 -A	3.15	3.15	3.15	-
TVD020D 6/8 -A	3.15	3.15	3.15	-
TVD030D 6/8 -A	3.15	3.15	3.15	-
TVD044D 6/8 -A	3.15	3.15	3.15	-
TVD054D 6/8 -A	3.15	3.15	3.15	-

= Non-compliant model

TVS/D

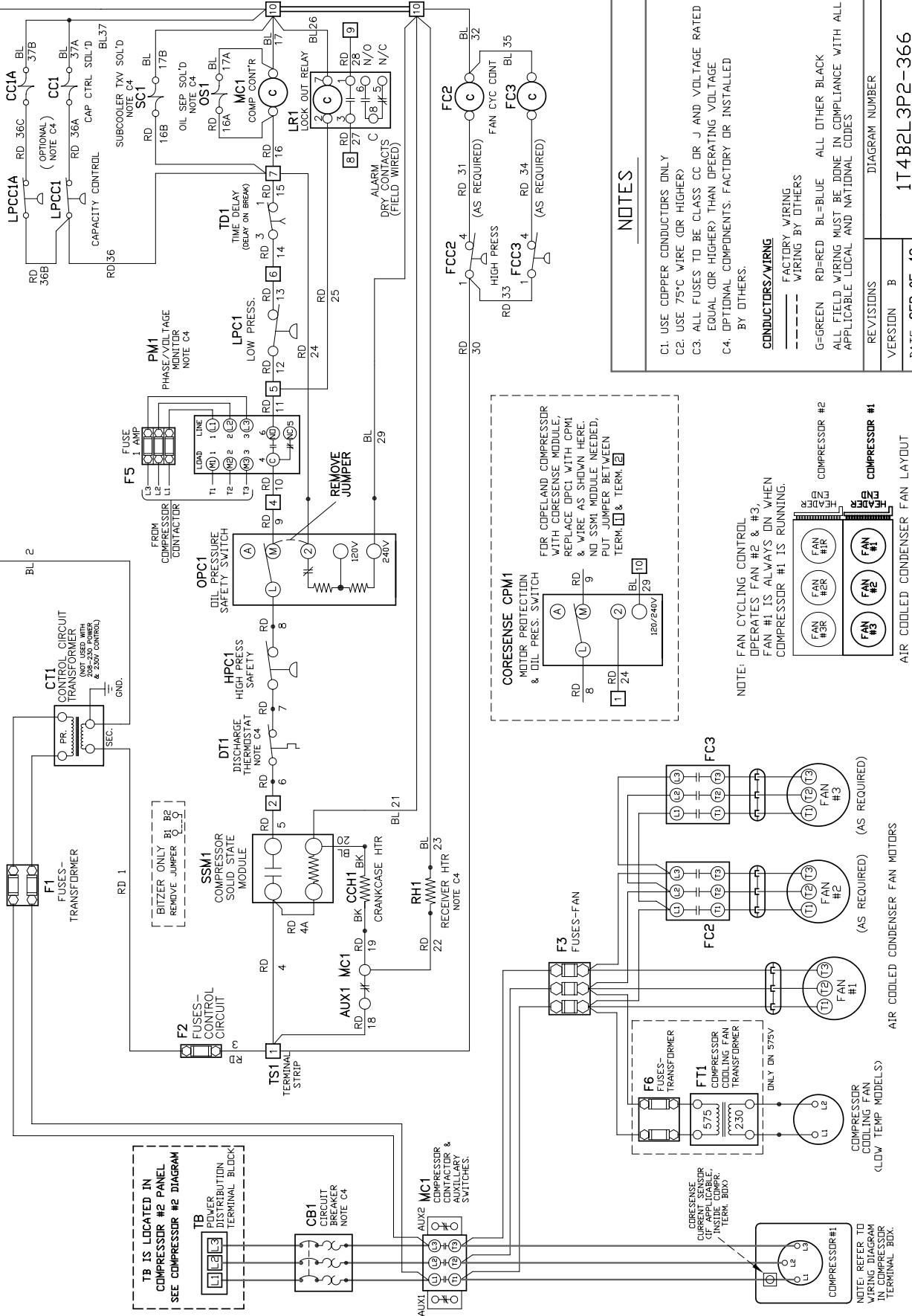
# CONDENSING UNIT WIRING DIAGRAM - COMPRESSOR #1

60Hz

**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



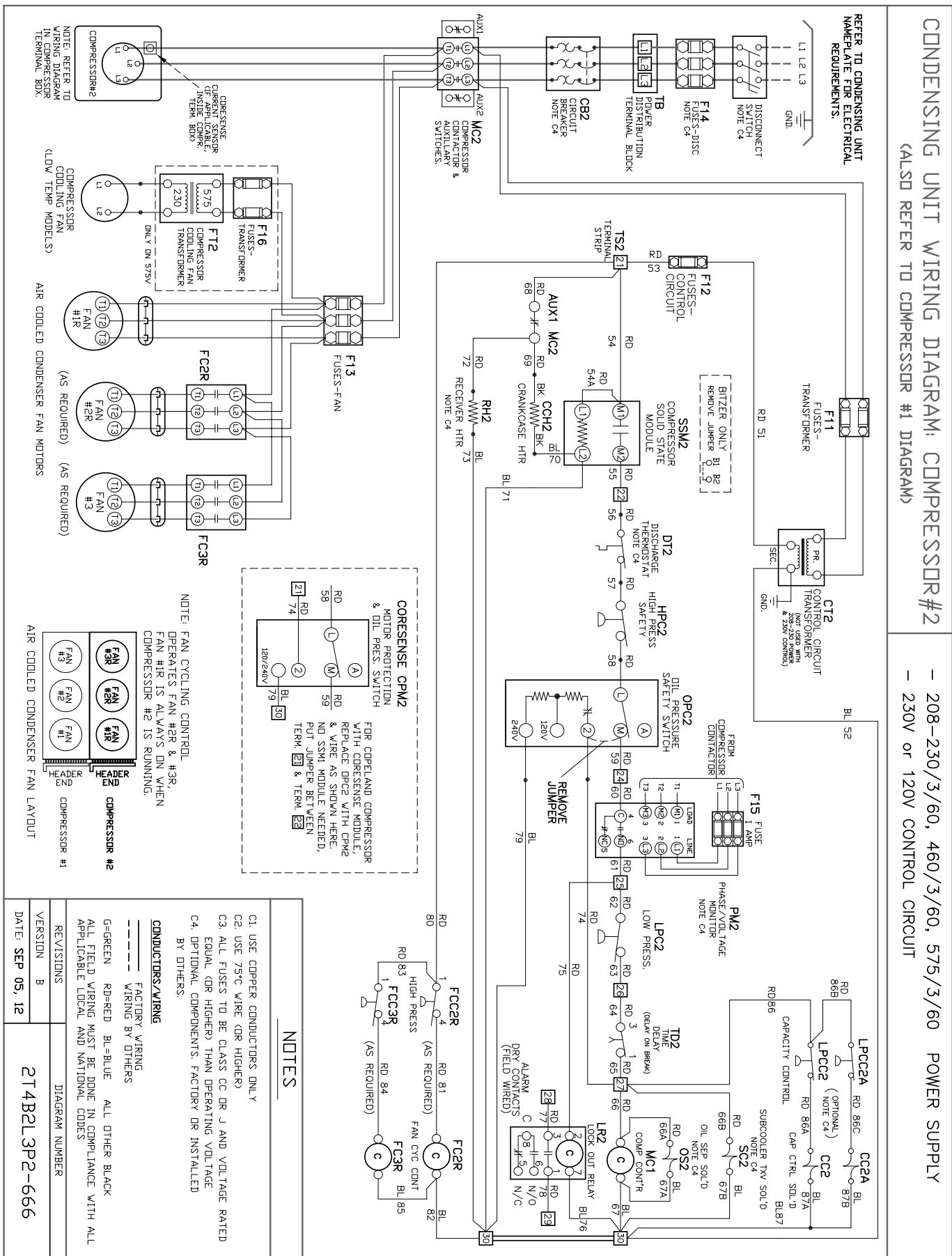
TVS/D

# CONDENSING UNIT WIRING DIAGRAM - COMPRESSOR #2

60Hz

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

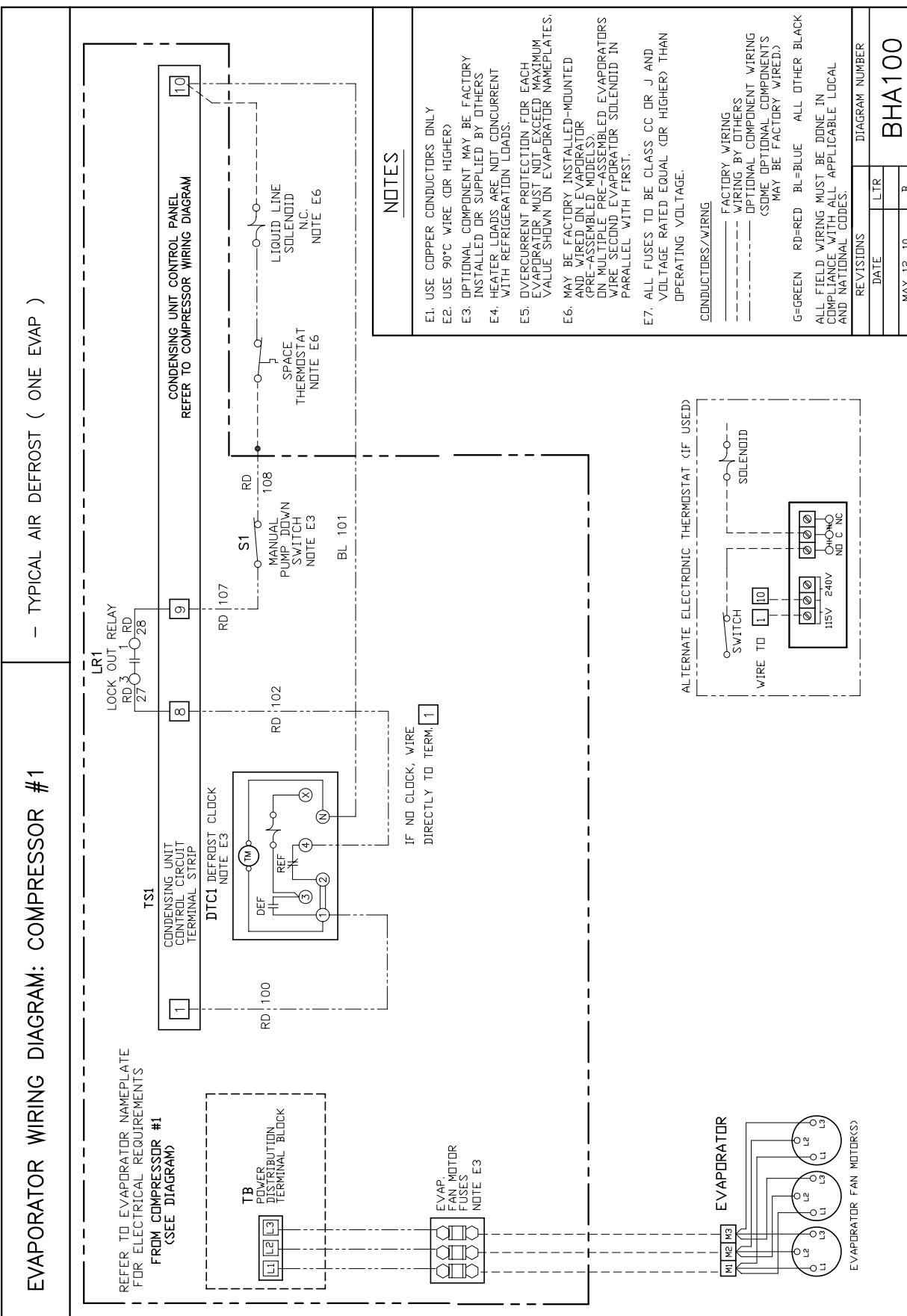
- 208-230/3/60, 460/3/60, 575/3/60 POWER SUPPLY  
- 230V or 120V CONTROL CIRCUIT



TVS/D

# AIR DEFROST EVAP. WIRING DIAGRAM - COMPRESSOR #1

60Hz



## EVAPORATOR WIRING DIAGRAM: COMPRESSOR #2

- TYPICAL AIR DEFROST ( ONE EVAP )

REFER TO EVAPORATOR NAMEPLATE  
FOR ELECTRICAL REQUIREMENTS  
FROM COMPRESSOR #2  
(SEE DIAGRAM)

CONDENSING UNIT  
CONTROL CIRCUIT  
TERMINAL STRIP

DTC2 DEFROST CLOCK  
NOTE E3

CONDENSING UNIT CONTROL PANEL  
NOTE 30

LOCK OUT RELAY  
RD 3 H O RD  
27 H O 28

REFER TO COMPRESSOR WIRING  
DIAGRAM

RD 200

RD 202

RD 207

S2

RD

208

RD

MANUAL  
PUMP DOWN  
SWITCH

NOTE E3

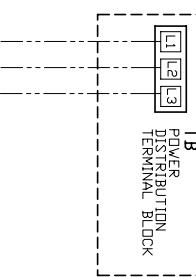
SPACE  
THERMOSTAT

NC

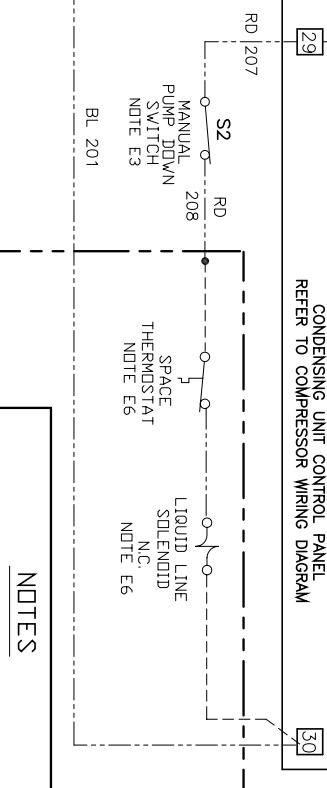
NOTE E6

Liquid Line  
Solenoid

BL 201



IF NO CLOCK, WIRE  
DIRECTLY TO TERM [21]

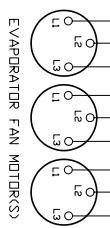


## NOTES

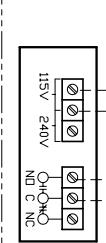
- E1. USE COPPER CONDUCTORS ONLY
- E2. USE 90°C WIRE (OR HIGHER)
- E3. OPTIONAL COMPONENT MAY BE FACTORY INSTALLED OR SUPPLIED BY OTHERS
- E4. HEATER LOADS ARE NOT CONCURRENT WITH REFRIGERATION LOADS.
- E5. OVERCURRENT PROTECTION FOR EACH EVAPORATOR MUST NOT EXCEED MAXIMUM VALUE SHOWN ON EVAPORATOR NAMEPLATES.
- E6. MAY BE FACTORY INSTALLED-MOUNTED AND WIRED ON EVAPORATOR (PRE-ASSEMBLED MODELS). 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
- OPTIONAL WIRING BY OTHERS
- (SOME OPTIONAL COMPONENTS MAY BE FACTORY WIRED)

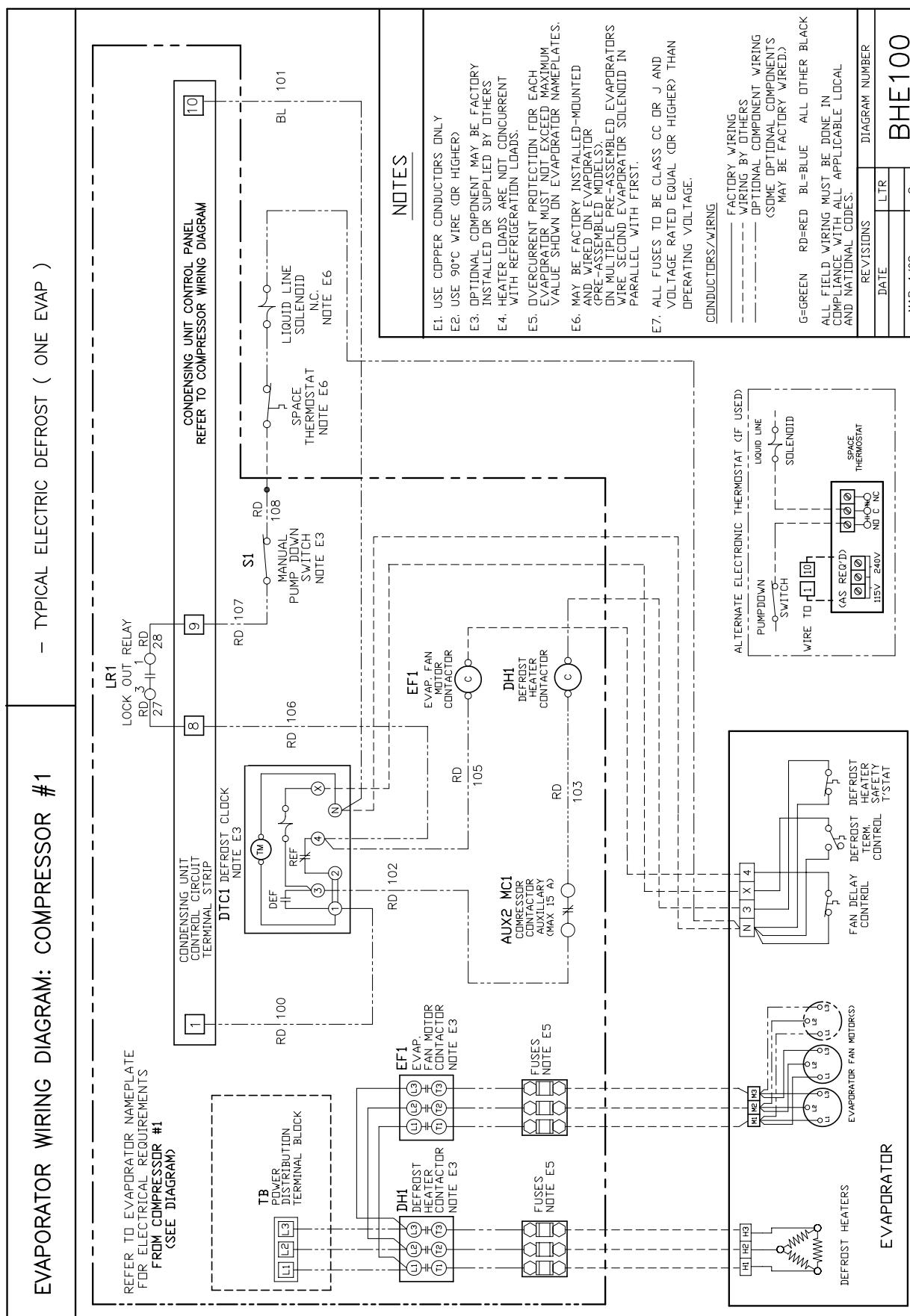


EVAPORATOR FAN MOTOR(S)



ALTERNATE ELECTRONIC THERMOSTAT (IF USED)

REVISIONS	DIAGRAM NUMBER
DATE MAY 12, 10	LTR B



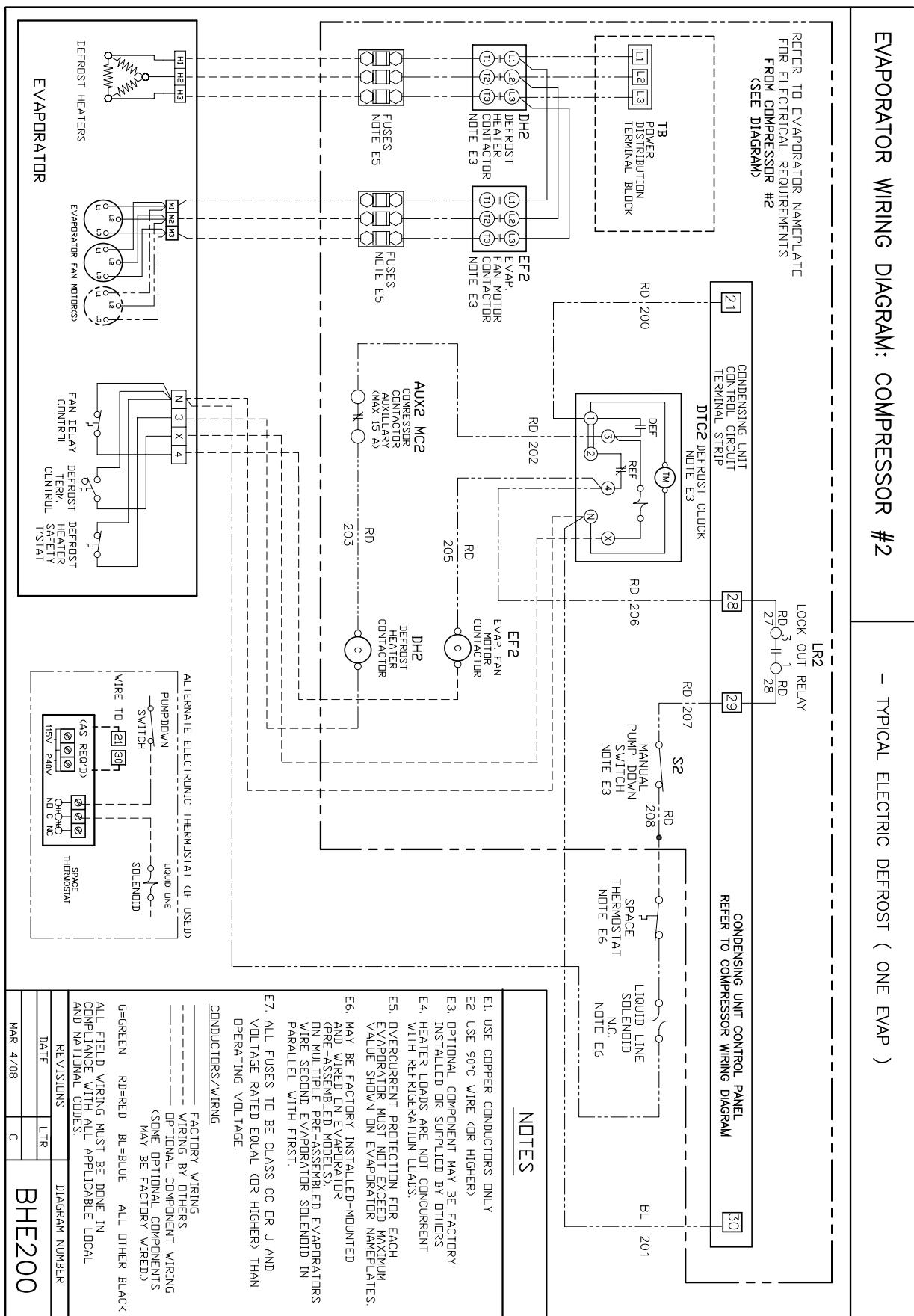
## EVAPORATOR WIRING DIAGRAM: COMPRESSOR #2

## - TYPICAL ELECTRIC DEFROST ( ONE EVAP )

REFER TO EVAPORATOR NAMEPLATE  
FOR ELECTRICAL REQUIREMENTS  
**FROM COMPRESSOR #2**  
**(SEE DIAGRAM)**

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11



**CAPACITY DATA - R407A**  
**HIGH TEMP. HIGH EFFICIENCY MODELS**
**60Hz**

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °F      °C	CAPACITY MBH (KW)			R407A	AMBIENT TEMPERATURE °F (°C)				
		85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)	115 (46.1)		
<b>TVS016H8-A</b> Compressor 3DSR17ME	45 (7.2)	<b>224.7</b> (65.9)	<b>216.1</b> (63.3)	<b>207.6</b> (60.8)	<b>199.2</b> (58.4)	<b>190.8</b> (55.9)	<b>182.6</b> (53.5)	<b>174.6</b> (51.2)		
	40 (4.4)	<b>205.4</b> (60.2)	<b>197.6</b> (57.9)	<b>189.9</b> (55.7)	<b>182.4</b> (53.5)	<b>174.9</b> (51.3)	<b>167.6</b> (49.1)	<b>160.2</b> (46.9)		
	35 (1.7)	<b>187.0</b> (54.8)	<b>180.1</b> (52.8)	<b>173.3</b> (50.8)	<b>166.4</b> (48.8)	<b>159.7</b> (46.8)	<b>153.0</b> (44.8)	<b>146.5</b> (42.9)		
<b>TVS023H8-A</b> Compressor 4DANR18ME	45 (7.2)	<b>288.2</b> (84.5)	<b>277.7</b> (81.4)	<b>267.3</b> (78.3)	<b>256.9</b> (75.3)	<b>246.5</b> (72.2)	<b>236.1</b> (69.2)	<b>225.8</b> (66.2)		
	40 (4.4)	<b>262.2</b> (76.8)	<b>252.6</b> (74)	<b>243.0</b> (71.2)	<b>233.4</b> (68.4)	<b>224.0</b> (65.6)	<b>214.4</b> (62.8)	<b>204.9</b> (60.1)		
	35 (1.7)	<b>237.8</b> (69.7)	<b>229.1</b> (67.1)	<b>220.4</b> (64.6)	<b>211.6</b> (62)	<b>202.9</b> (59.5)	<b>194.1</b> (56.9)	<b>185.4</b> (54.3)		
<b>TVS026H8-A</b> Compressor 4DHNR22ME	45 (7.2)	<b>323.3</b> (94.7)	<b>311.5</b> (91.3)	<b>299.6</b> (87.8)	<b>287.2</b> (84.2)	<b>274.8</b> (80.5)	<b>262.2</b> (76.8)	<b>249.6</b> (73.2)		
	40 (4.4)	<b>296.9</b> (87)	<b>286.0</b> (83.8)	<b>274.8</b> (80.5)	<b>263.3</b> (77.2)	<b>251.8</b> (73.8)	<b>240.1</b> (70.4)	<b>228.5</b> (67)		
	35 (1.7)	<b>271.0</b> (79.4)	<b>260.9</b> (76.5)	<b>250.5</b> (73.4)	<b>240.0</b> (70.3)	<b>229.3</b> (67.2)	<b>218.6</b> (64.1)	<b>207.8</b> (60.9)		
<b>TVS031H8-A</b> Compressor 4DJNR28ME	45 (7.2)	<b>378.1</b> (110.8)	<b>364.8</b> (106.9)	<b>351.1</b> (102.9)	<b>337.1</b> (98.8)	<b>322.6</b> (94.5)	<b>307.9</b> (90.2)	<b>292.7</b> (85.8)		
	40 (4.4)	<b>346.2</b> (101.5)	<b>333.8</b> (97.8)	<b>321.2</b> (94.1)	<b>308.2</b> (90.3)	<b>294.8</b> (86.4)	<b>281.2</b> (82.4)	<b>267.3</b> (78.3)		
	35 (1.7)	<b>315.5</b> (92.5)	<b>304.2</b> (89.2)	<b>292.4</b> (85.7)	<b>280.6</b> (82.2)	<b>268.3</b> (78.6)	<b>255.9</b> (75)	<b>243.3</b> (71.3)		
<b>TVS036H8-A</b> Compressor 6DHNR35ME	45 (7.2)	<b>465.5</b> (136.4)	<b>451.8</b> (132.4)	<b>437.7</b> (128.3)	<b>423.4</b> (124.1)	<b>408.3</b> (119.7)	<b>392.7</b> (115.1)	<b>376.2</b> (110.3)		
	40 (4.4)	<b>422.6</b> (123.9)	<b>409.9</b> (120.1)	<b>396.9</b> (116.3)	<b>383.5</b> (112.4)	<b>369.6</b> (108.3)	<b>355.1</b> (104.1)	<b>339.8</b> (99.6)		
	35 (1.7)	<b>384.0</b> (112.5)	<b>372.2</b> (109.1)	<b>360.3</b> (105.6)	<b>347.9</b> (102)	<b>335.1</b> (98.2)	<b>321.7</b> (94.3)	<b>307.7</b> (90.2)		
<b>TVS041H8-A</b> Compressor 6DJNR40ME	45 (7.2)	<b>564.3</b> (165.4)	<b>542.6</b> (159)	<b>520.8</b> (152.6)	<b>498.6</b> (146.1)	<b>476.3</b> (139.6)	<b>453.7</b> (133)	<b>431.1</b> (126.3)		
	40 (4.4)	<b>510.7</b> (149.7)	<b>491.9</b> (144.2)	<b>472.9</b> (138.6)	<b>453.5</b> (132.9)	<b>434.0</b> (127.2)	<b>414.2</b> (121.4)	<b>394.4</b> (115.6)		
	35 (1.7)	<b>462.5</b> (135.5)	<b>446.3</b> (130.8)	<b>429.7</b> (125.9)	<b>412.9</b> (121)	<b>395.7</b> (116)	<b>378.5</b> (110.9)	<b>361.1</b> (105.8)		

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

**CAPACITY DATA - R407A**  
**MEDIUM TEMP. HIGH EFFICIENCY MODELS**
**60Hz**

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °F      °C	CAPACITY MBH (KW)			R407A	AMBIENT TEMPERATURE °F (°C)			
		85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)	115 (46.1)	
TVS016M8-A  Compressor Model 3DS3R17ME	30 (-1.1)	169.6 (49.7)	163.4 (47.9)	157.3 (46.1)	151.2 (44.3)	145.1 (42.5)	139.1 (40.8)	132.8 (38.9)	
	25 (-3.9)	153.1 (44.9)	147.6 (43.3)	142.2 (41.7)	136.7 (40.1)	131.3 (38.5)	125.8 (36.9)	120.5 (35.3)	
	20 (-6.7)	137.8 (40.4)	132.8 (38.9)	127.9 (37.5)	123.0 (36)	118.0 (34.6)	113.1 (33.1)	108.2 (31.7)	
	15 (-9.4)	123.3 (36.1)	118.9 (34.8)	114.5 (33.5)	109.9 (32.2)	105.4 (30.9)	100.9 (29.6)	96.3 (28.2)	
	10 (-12.2)	109.9 (32.2)	105.9 (31)	101.9 (29.8)	97.8 (28.6)	93.6 (27.4)	89.3 (26.2)	84.9 (24.9)	
	5 (-15)	97.5 (28.6)	93.9 (27.5)	90.1 (26.4)	86.2 (25.3)	82.2 (24.1)	78.2 (22.9)	74.0 (21.7)	
	0 (-17.8)	86.2 (25.3)	82.7 (24.2)	79.2 (23.2)	75.4 (22.1)	71.6 (21)	67.6 (19.8)	63.5 (18.6)	
TVS021M8-A  Compressor Model 4DANR18ME	30 (-1.1)	189.3 (55.5)	182.3 (53.4)	175.2 (51.3)	167.9 (49.2)	160.4 (47)	152.6 (44.7)	144.6 (42.4)	
	25 (-3.9)	170.5 (50)	164.2 (48.1)	157.8 (46.2)	151.3 (44.3)	144.6 (42.4)	137.7 (40.4)	130.6 (38.3)	
	20 (-6.7)	153.0 (44.8)	147.4 (43.2)	141.7 (41.5)	135.9 (39.8)	130.0 (38.1)	123.9 (36.3)	117.6 (34.5)	
	15 (-9.4)	136.7 (40.1)	131.7 (38.6)	126.7 (37.1)	121.6 (35.6)	116.4 (34.1)	111.1 (32.6)	105.6 (30.9)	
	10 (-12.2)	121.6 (35.6)	117.1 (34.3)	112.7 (33)	108.2 (31.7)	103.7 (30.4)	99.1 (29)	94.4 (27.7)	
	5 (-15)	107.5 (31.5)	103.5 (30.3)	99.6 (29.2)	95.7 (28)	91.9 (26.9)	87.9 (25.8)	83.9 (24.6)	
	0 (-17.8)	94.3 (27.6)	90.8 (26.6)	87.4 (25.6)	84.0 (24.6)	80.7 (23.7)	77.3 (22.7)	73.9 (21.7)	
TVS023M8-A  Compressor Model 4DBNR20ME	30 (-1.1)	215.3 (63.1)	207.3 (60.7)	199.3 (58.4)	191.3 (56.1)	183.4 (53.8)	175.5 (51.4)	167.3 (49)	
	25 (-3.9)	194.1 (56.9)	186.9 (54.8)	179.8 (52.7)	172.5 (50.6)	165.4 (48.5)	158.1 (46.3)	150.7 (44.2)	
	20 (-6.7)	174.6 (51.2)	168.2 (49.3)	161.7 (47.4)	155.2 (45.5)	148.7 (43.6)	142.1 (41.6)	135.6 (39.7)	
	15 (-9.4)	156.7 (45.9)	150.8 (44.2)	145.0 (42.5)	139.1 (40.8)	133.2 (39.1)	127.3 (37.3)	121.1 (35.5)	
	10 (-12.2)	140.0 (41)	134.7 (39.5)	129.6 (38)	124.3 (36.4)	119.0 (34.9)	113.6 (33.3)	108.3 (31.7)	
	5 (-15)	124.6 (36.5)	119.9 (35.1)	115.3 (33.8)	110.6 (32.4)	105.8 (31)	101.0 (29.6)	96.2 (28.2)	
	0 (-17.8)	110.4 (32.3)	106.3 (31.1)	102.2 (29.9)	97.9 (28.7)	93.7 (27.4)	89.3 (26.2)	84.8 (24.9)	
TVS026M8-A  Compressor Model 4DHNR22ME	30 (-1.1)	245.8 (72)	236.6 (69.3)	227.0 (66.5)	217.2 (63.7)	207.5 (60.8)	197.6 (57.9)	187.7 (55)	
	25 (-3.9)	221.4 (64.9)	212.9 (62.4)	204.2 (59.9)	195.4 (57.3)	186.4 (54.6)	177.5 (52)	168.4 (49.4)	
	20 (-6.7)	198.1 (58.1)	190.5 (55.8)	182.6 (53.5)	174.5 (51.1)	166.4 (48.8)	158.3 (46.4)	150.5 (44.1)	
	15 (-9.4)	176.1 (51.6)	169.3 (49.6)	162.1 (47.5)	154.9 (45.4)	147.6 (43.3)	140.5 (41.2)	133.5 (39.1)	
	10 (-12.2)	155.6 (45.6)	149.4 (43.8)	143.1 (41.9)	136.7 (40.1)	130.3 (38.2)	124.1 (36.4)	118.0 (34.6)	
	5 (-15)	136.7 (40.1)	131.3 (38.5)	125.8 (36.9)	120.2 (35.2)	114.7 (33.6)	109.3 (32)	104.2 (30.5)	
	0 (-17.8)	119.7 (35.1)	115.1 (33.7)	110.3 (32.3)	105.5 (30.9)	100.8 (29.5)	96.4 (28.2)	92.1 (27)	
TVS031M8-A  Compressor Model 4DJNR28ME	30 (-1.1)	286.2 (83.9)	275.8 (80.8)	265.1 (77.7)	254.2 (74.5)	243.1 (71.2)	231.8 (67.9)	220.6 (64.7)	
	25 (-3.9)	258.4 (75.7)	248.9 (72.9)	239.1 (70.1)	229.2 (67.2)	219.2 (64.3)	209.1 (61.3)	198.6 (58.2)	
	20 (-6.7)	231.9 (68)	223.2 (65.4)	214.5 (62.9)	205.7 (60.3)	196.8 (57.7)	187.7 (55)	178.6 (52.3)	
	15 (-9.4)	207.1 (60.7)	199.2 (58.4)	191.4 (56.1)	183.5 (53.8)	175.8 (51.5)	167.9 (49.2)	160.1 (46.9)	
	10 (-12.2)	183.6 (53.8)	176.7 (51.8)	169.8 (49.8)	163.0 (47.8)	156.2 (45.8)	149.6 (43.9)	143.0 (41.9)	
	5 (-15)	161.8 (47.4)	155.8 (45.7)	149.8 (43.9)	144.0 (42.2)	138.3 (40.5)	132.8 (38.9)	127.5 (37.4)	
	0 (-17.8)	141.8 (41.5)	136.5 (40)	131.5 (38.5)	126.6 (37.1)	122.0 (35.8)	117.7 (34.5)	113.6 (33.3)	
TVS036M8-A  Compressor Model 6DHNR35ME	30 (-1.1)	349.1 (102.3)	338.3 (99.1)	327.3 (95.9)	316.1 (92.6)	304.3 (89.2)	292.1 (85.6)	279.2 (81.8)	
	25 (-3.9)	317.4 (93)	307.5 (90.1)	297.6 (87.2)	287.4 (84.2)	276.7 (81.1)	265.7 (77.9)	253.9 (74.4)	
	20 (-6.7)	288.3 (84.5)	279.4 (81.9)	270.5 (79.3)	261.2 (76.6)	251.8 (73.8)	241.8 (70.9)	231.2 (67.8)	
	15 (-9.4)	261.2 (76.6)	253.3 (74.2)	245.4 (71.9)	237.2 (69.5)	228.8 (67.1)	220.0 (64.5)	210.6 (61.7)	
	10 (-12.2)	235.6 (69.1)	228.7 (67)	221.8 (65)	214.7 (62.9)	207.4 (60.8)	199.7 (58.5)	191.6 (56.2)	
	5 (-15)	210.7 (61.8)	204.9 (60)	199.0 (58.3)	193.0 (56.6)	186.9 (54.8)	180.4 (52.9)	173.5 (50.8)	
	0 (-17.8)	186.2 (54.6)	181.2 (53.1)	176.4 (51.7)	171.6 (50.3)	166.6 (48.8)	161.3 (47.3)	155.6 (45.6)	
TVS041M8-A  Compressor Model 6DJNR40ME	30 (-1.1)	419.2 (122.8)	405.1 (118.7)	390.7 (114.5)	376.0 (110.2)	361.1 (105.8)	345.9 (101.4)	330.5 (96.9)	
	25 (-3.9)	380.0 (111.4)	367.7 (107.8)	355.2 (104.1)	342.3 (100.3)	329.1 (96.4)	315.7 (92.5)	302.2 (88.6)	
	20 (-6.7)	344.4 (100.9)	333.6 (97.8)	322.5 (94.5)	310.9 (91.1)	299.1 (87.7)	287.1 (84.1)	274.9 (80.6)	
	15 (-9.4)	311.6 (91.3)	301.8 (88.4)	291.7 (85.5)	281.2 (82.4)	270.4 (79.2)	259.4 (76)	248.1 (72.7)	
	10 (-12.2)	280.8 (82.3)	271.6 (79.6)	262.0 (76.8)	252.1 (73.9)	241.9 (70.9)	231.4 (67.8)	220.8 (64.7)	
	5 (-15)	251.1 (73.6)	242.0 (70.9)	232.7 (68.2)	222.9 (65.3)	212.8 (62.4)	202.5 (59.4)	192.2 (56.3)	
	0 (-17.8)	221.6 (64.9)	212.3 (62.2)	202.8 (59.4)	192.8 (56.5)	182.5 (53.5)	172.0 (50.4)	161.3 (47.3)	
TVS051M8-A  Compressor Model 6DUNR49ME	30 (-1.1)	488.4 (143.1)	472.8 (138.6)	457.4 (134)	441.9 (129.5)	426.4 (125)	410.7 (120.4)	394.6 (115.6)	
	25 (-3.9)	444.5 (130.3)	430.6 (126.2)	416.6 (122.1)	402.7 (118)	388.4 (113.8)	373.8 (109.5)	358.9 (105.2)	
	20 (-6.7)	403.0 (118.1)	390.4 (114.4)	377.8 (110.7)	365.0 (107)	351.8 (103.1)	338.1 (99.1)	323.9 (94.9)	
	15 (-9.4)	363.7 (106.6)	352.4 (103.3)	340.7 (99.9)	328.8 (96.3)	316.4 (92.7)	303.3 (88.9)	289.8 (84.9)	
	10 (-12.2)	326.7 (95.7)	316.2 (92.7)	305.2 (89.5)	293.9 (86.1)	282.0 (82.7)	269.5 (79)	256.3 (75.1)	
	5 (-15)	291.7 (85.5)	281.7 (82.6)	271.3 (79.5)	260.4 (76.3)	248.7 (72.9)	236.5 (69.3)	223.2 (65.4)	
	0 (-17.8)	258.6 (75.8)	249.1 (73)	238.9 (70)	228.1 (66.8)	216.4 (63.4)	203.9 (59.8)	190.6 (55.9)	

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

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>TVS011L8-A</b>  Compressor Model 3DS3F46KE	0 (-17.8)	82.1 (24.1)	79.1 (23.2)	75.9 (22.2)	72.8 (21.3)	69.5 (20.4)	66.2 (19.4)	---	---			
	-5 (-20.6)	72.8 (21.3)	69.8 (20.5)	67.0 (19.6)	63.9 (18.7)	60.9 (17.8)	57.9 (17)	---	---			
	-10 (-23.3)	64.2 (18.8)	61.4 (18)	58.8 (17.2)	56.0 (16.4)	53.1 (15.6)	50.3 (14.7)	47.4 (13.9)				
	-15 (-26.1)	56.3 (16.5)	53.8 (15.8)	51.2 (15)	48.7 (14.3)	46.1 (13.5)	43.4 (12.7)	40.6 (11.9)				
	-20 (-28.9)	49.0 (14.4)	46.7 (13.7)	44.4 (13)	42.0 (12.3)	39.6 (11.6)	37.1 (10.9)	34.7 (10.2)				
	-25 (-31.7)	42.3 (12.4)	40.1 (11.8)	38.0 (11.1)	35.8 (10.5)	33.6 (9.8)	31.3 (9.2)	29.0 (8.5)				
	-30 (-34.4)	36.0 (10.6)	34.0 (10)	32.0 (9.4)	29.9 (8.8)	27.9 (8.2)	25.9 (7.6)	23.8 (7)				
	-35 (-37.2)	29.9 (8.8)	28.0 (8.2)	26.3 (7.7)	24.5 (7.2)	22.6 (6.6)	20.8 (6.1)	18.9 (5.5)				
<b>TVS016L8-A</b>  Compressor Model 4DHNF63KE	-40 (-40)	24.0 (7)	22.4 (6.6)	20.7 (6.1)	19.0 (5.6)	17.4 (5.1)	15.8 (4.6)	14.2 (4.2)				
	0 (-17.8)	115.2 (33.8)	110.6 (32.4)	105.8 (31)	101.1 (29.6)	96.5 (28.3)	91.8 (26.9)	87.0 (25.5)				
	-5 (-20.6)	102.7 (30.1)	98.6 (28.9)	94.4 (27.7)	90.1 (26.4)	85.9 (25.2)	81.6 (23.9)	77.3 (22.6)				
	-10 (-23.3)	91.0 (26.7)	87.4 (25.6)	83.6 (24.5)	79.7 (23.4)	75.9 (22.2)	72.0 (21.1)	68.1 (20)				
	-15 (-26.1)	80.1 (23.5)	76.8 (22.5)	73.4 (21.5)	69.9 (20.5)	66.5 (19.5)	62.9 (18.4)	59.3 (17.4)				
	-20 (-28.9)	69.9 (20.5)	66.9 (19.6)	63.8 (18.7)	60.7 (17.8)	57.5 (16.9)	54.4 (15.9)	51.1 (15)				
	-25 (-31.7)	60.4 (17.7)	57.8 (16.9)	55.0 (16.1)	52.2 (15.3)	49.2 (14.4)	46.4 (13.6)	43.4 (12.7)				
	-30 (-34.4)	51.7 (15.1)	49.2 (14.4)	46.8 (13.7)	44.2 (13)	41.6 (12.2)	38.9 (11.4)	36.2 (10.6)				
<b>TVS023L8-A</b>  Compressor Model 4DJNF76KE	-35 (-37.2)	43.7 (12.8)	41.6 (12.2)	39.3 (11.5)	36.9 (10.8)	34.4 (10.1)	32.0 (9.4)	29.4 (8.6)				
	-40 (-40)	36.5 (10.7)	34.5 (10.1)	32.4 (9.5)	30.2 (8.9)	27.9 (8.2)	25.6 (7.5)	23.2 (6.8)				
	0 (-17.8)	143.9 (42.2)	138.3 (40.5)	132.6 (38.9)	126.8 (37.2)	121.0 (35.4)	115.0 (33.7)	---	---			
	-5 (-20.6)	127.3 (37.3)	122.1 (35.8)	116.8 (34.2)	111.4 (32.6)	105.9 (31)	100.4 (29.4)	---	---			
	-10 (-23.3)	111.8 (32.8)	107.1 (31.4)	102.2 (29.9)	97.2 (28.5)	92.2 (27)	87.0 (25.5)	81.8 (24)				
	-15 (-26.1)	97.7 (28.6)	93.3 (27.4)	88.8 (26)	84.4 (24.7)	79.8 (23.4)	75.1 (22)	70.2 (20.6)				
	-20 (-28.9)	84.7 (24.8)	80.9 (23.7)	76.9 (22.5)	72.9 (21.4)	68.7 (20.1)	64.5 (18.9)	60.2 (17.6)				
	-25 (-31.7)	73.1 (21.4)	69.7 (20.4)	66.3 (19.4)	62.7 (18.4)	59.1 (17.3)	55.3 (16.2)	51.6 (15.1)				
<b>TVS028L8-A</b>  Compressor Model 6DHNF93KE	-30 (-34.4)	62.9 (18.4)	60.1 (17.6)	57.0 (16.7)	54.1 (15.8)	50.9 (14.9)	47.7 (14)	44.4 (13)				
	-35 (-37.2)	54.2 (15.9)	51.8 (15.2)	49.4 (14.5)	46.9 (13.8)	44.3 (13)	41.7 (12.2)	38.9 (11.4)				
	-40 (-40)	46.9 (13.8)	45.2 (13.2)	43.3 (12.7)	41.4 (12.1)	39.4 (11.5)	37.3 (10.9)	35.1 (10.3)				
	0 (-17.8)	172.4 (50.5)	166.0 (48.7)	159.1 (46.6)	151.9 (44.5)	144.3 (42.3)	136.3 (39.9)	---	---			
	-5 (-20.6)	150.0 (44)	144.3 (42.3)	138.2 (40.5)	131.8 (38.6)	125.0 (36.6)	117.7 (34.5)	---	---			
	-10 (-23.3)	130.9 (38.4)	125.8 (36.9)	120.3 (35.3)	114.6 (33.6)	108.4 (31.8)	101.9 (29.8)	95.0 (27.8)				
	-15 (-26.1)	114.6 (33.6)	109.9 (32.2)	105.0 (30.8)	99.6 (29.2)	94.1 (27.6)	88.1 (25.8)	81.9 (24)				
	-20 (-28.9)	100.4 (29.4)	96.1 (28.2)	91.5 (26.8)	86.6 (25.4)	81.4 (23.8)	75.9 (22.2)	70.1 (20.6)				
<b>TVS031L8-A</b>  Compressor Model 6DJNF11ME	-25 (-31.7)	87.6 (25.7)	83.5 (24.5)	79.2 (23.2)	74.6 (21.8)	69.7 (20.4)	64.7 (19)	59.3 (17.4)				
	-30 (-34.4)	75.6 (22.2)	71.6 (21)	67.4 (19.8)	63.1 (18.5)	58.5 (17.1)	53.6 (15.7)	48.5 (14.2)				
	-35 (-37.2)	63.7 (18.7)	59.7 (17.5)	55.7 (16.3)	51.3 (15)	46.8 (13.7)	42.1 (12.3)	37.2 (10.9)				
	-40 (-40)	51.3 (15)	47.3 (13.8)	43.1 (12.6)	38.7 (11.4)	34.2 (10)	29.5 (8.6)	24.8 (7.3)				
	0 (-17.8)	200.7 (58.8)	192.9 (56.5)	184.9 (54.2)	176.7 (51.8)	168.2 (49.3)	---	---	---			
	-5 (-20.6)	177.9 (52.1)	170.8 (50.1)	163.6 (47.9)	156.0 (45.7)	148.2 (43.4)	140.0 (41)	---	---			
	-10 (-23.3)	157.1 (46)	150.7 (44.2)	144.1 (42.2)	137.1 (40.2)	129.8 (38)	122.2 (35.8)	---	---			
	-15 (-26.1)	138.0 (40.4)	132.2 (38.7)	126.0 (36.9)	119.6 (35)	112.9 (33.1)	105.7 (31)	---	---			
<b>TVS041L8-A</b>  Compressor Model 6DUNF13ME	-20 (-28.9)	120.3 (35.3)	115.0 (33.7)	109.3 (32)	103.3 (30.3)	97.0 (28.4)	90.4 (26.5)	83.3 (24.4)				
	-25 (-31.7)	103.7 (30.4)	98.8 (29)	93.6 (27.4)	88.0 (25.8)	82.0 (24)	75.7 (22.2)	69.0 (20.2)				
	-30 (-34.4)	88.0 (25.8)	83.4 (24.4)	78.4 (23)	73.2 (21.4)	67.6 (19.8)	61.5 (18)	55.0 (16.1)				
	-35 (-37.2)	72.8 (21.3)	68.5 (20.1)	63.7 (18.7)	58.7 (17.2)	53.3 (15.6)	47.5 (13.9)	41.3 (12.1)				
	-40 (-40)	57.9 (17)	53.7 (15.7)	49.1 (14.4)	44.3 (13)	39.1 (11.4)	33.3 (9.8)	27.2 (8)				
	0 (-17.8)	230.7 (67.6)	222.8 (65.3)	214.9 (63)	206.9 (60.6)	198.8 (58.3)	190.6 (55.9)	---	---			
	-5 (-20.6)	207.2 (60.7)	199.9 (58.6)	192.7 (56.5)	185.3 (54.3)	177.8 (52.1)	170.0 (49.8)	---	---			
	-10 (-23.3)	184.3 (54)	177.7 (52.1)	170.9 (50.1)	164.0 (48.1)	156.9 (46)	149.5 (43.8)	---	---			

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

**CAPACITY DATA - R407A**  
**LOW TEMP. HIGH EFFICIENCY MODELS**  
**w/ 850RPM CONDENSER MOTOR(S)**
**60Hz**

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)
TVS011D8-A  Compressor Model 3DS3F46KE	0 (-17.8)	80.8 (23.7)	77.7 (22.8)	74.6 (21.9)	71.4 (20.9)	68.1 (20)	64.8 (19)	-	-	-
	-5 (-20.6)	71.6 (21)	68.7 (20.1)	65.8 (19.3)	62.8 (18.4)	59.8 (17.5)	56.7 (16.6)	-	-	-
	-10 (-23.3)	63.2 (18.5)	60.5 (17.7)	57.8 (16.9)	55.0 (16.1)	52.2 (15.3)	49.3 (14.4)	-	-	-
	-15 (-26.1)	55.5 (16.3)	53.0 (15.5)	50.4 (14.8)	47.8 (14)	45.2 (13.2)	42.6 (12.5)	39.8 (11.7)		
	-20 (-28.9)	48.3 (14.2)	46.0 (13.5)	43.7 (12.8)	41.3 (12.1)	38.9 (11.4)	36.4 (10.7)	33.9 (9.9)		
	-25 (-31.7)	41.7 (12.2)	39.6 (11.6)	37.4 (11)	35.2 (10.3)	33.0 (9.7)	30.7 (9)	28.5 (8.4)		
	-30 (-34.4)	35.5 (10.4)	33.5 (9.8)	31.5 (9.2)	29.5 (8.6)	27.5 (8.1)	25.4 (7.4)	23.4 (6.9)		
	-35 (-37.2)	29.5 (8.6)	27.7 (8.1)	25.9 (7.6)	24.0 (7)	22.2 (6.5)	20.4 (6)	18.5 (5.4)		
TVS016D8-A  Compressor Model 4DHNF63KE	-40 (-40)	23.7 (6.9)	22.0 (6.4)	20.4 (6)	18.8 (5.5)	17.1 (5)	15.5 (4.5)	13.8 (4)		
	0 (-17.8)	113.8 (33.4)	109.1 (32)	104.5 (30.6)	99.8 (29.2)	95.1 (27.9)	90.5 (26.5)	-	-	-
	-5 (-20.6)	101.6 (29.8)	97.4 (28.5)	93.2 (27.3)	89.0 (26.1)	84.8 (24.9)	80.5 (23.6)	76.3 (22.4)		
	-10 (-23.3)	90.1 (26.4)	86.4 (25.3)	82.6 (24.2)	78.8 (23.1)	74.9 (22)	71.1 (20.8)	67.2 (19.7)		
	-15 (-26.1)	79.3 (23.2)	76.0 (22.3)	72.6 (21.3)	69.1 (20.3)	65.7 (19.3)	62.1 (18.2)	58.6 (17.2)		
	-20 (-28.9)	69.3 (20.3)	66.3 (19.4)	63.2 (18.5)	60.1 (17.6)	56.9 (16.7)	53.7 (15.7)	50.5 (14.8)		
	-25 (-31.7)	59.9 (17.6)	57.2 (16.8)	54.5 (16)	51.6 (15.1)	48.8 (14.3)	45.8 (13.4)	42.9 (12.6)		
	-30 (-34.4)	51.3 (15)	48.9 (14.3)	46.4 (13.6)	43.8 (12.8)	41.1 (12)	38.5 (11.3)	35.7 (10.5)		
TVS023D8-A  Compressor Model 4DJNF76KE	-35 (-37.2)	43.4 (12.7)	41.2 (12.1)	38.9 (11.4)	36.5 (10.7)	34.1 (10)	31.6 (9.3)	29.1 (8.5)		
	-40 (-40)	36.2 (10.6)	34.2 (10)	32.1 (9.4)	29.9 (8.8)	27.6 (8.1)	25.3 (7.4)	22.9 (6.7)		
	0 (-17.8)	141.9 (41.6)	136.3 (39.9)	130.6 (38.3)	124.8 (36.6)	118.9 (34.8)	113.0 (33.1)	-	-	-
	-5 (-20.6)	125.6 (36.8)	120.4 (35.3)	115.1 (33.7)	109.7 (32.1)	104.3 (30.6)	98.7 (28.9)	-	-	-
	-10 (-23.3)	110.4 (32.4)	105.6 (30.9)	100.8 (29.5)	95.8 (28.1)	90.8 (26.6)	85.7 (25.1)	-	-	-
	-15 (-26.1)	96.5 (28.3)	92.1 (27)	87.7 (25.7)	83.2 (24.4)	78.6 (23)	73.9 (21.7)	69.1 (20.3)		
	-20 (-28.9)	83.8 (24.6)	79.9 (23.4)	75.9 (22.2)	71.9 (21.1)	67.8 (19.9)	63.5 (18.6)	59.2 (17.3)		
	-25 (-31.7)	72.4 (21.2)	69.0 (20.2)	65.5 (19.2)	61.9 (18.1)	58.3 (17.1)	54.6 (16)	50.8 (14.9)		
TVS028D8-A  Compressor Model 6DHNF93KE	-30 (-34.4)	62.3 (18.3)	59.4 (17.4)	56.5 (16.6)	53.4 (15.6)	50.3 (14.7)	47.1 (13.8)	43.8 (12.8)		
	-35 (-37.2)	53.7 (15.7)	51.4 (15.1)	48.9 (14.3)	46.5 (13.6)	43.9 (12.9)	41.2 (12.1)	38.4 (11.3)		
	-40 (-40)	46.6 (13.7)	44.8 (13.1)	43.0 (12.6)	41.0 (12)	39.0 (11.4)	36.9 (10.8)	34.7 (10.2)		
	0 (-17.8)	169.4 (49.6)	162.8 (47.7)	155.9 (45.7)	148.6 (43.6)	140.8 (41.3)	-	-	-	-
	-5 (-20.6)	147.6 (43.3)	141.8 (41.6)	135.6 (39.7)	129.0 (37.8)	122.1 (35.8)	114.8 (33.6)	-	-	-
	-10 (-23.3)	129.0 (37.8)	123.8 (36.3)	118.2 (34.6)	112.3 (32.9)	106.1 (31.1)	99.5 (29.2)	-	-	-
	-15 (-26.1)	113.0 (33.1)	108.3 (31.7)	103.2 (30.2)	97.9 (28.7)	92.2 (27)	86.2 (25.3)	79.9 (23.4)		
	-20 (-28.9)	99.0 (29)	94.6 (27.7)	90.0 (26.4)	85.1 (24.9)	79.8 (23.4)	74.3 (21.8)	68.5 (20.1)		
TVS031D8-A  Compressor Model 6DJNF11ME	-25 (-31.7)	86.4 (25.3)	82.3 (24.1)	77.9 (22.8)	73.3 (21.5)	68.4 (20)	63.3 (18.6)	57.9 (17)		
	-30 (-34.4)	74.6 (21.9)	70.6 (20.7)	66.4 (19.5)	61.9 (18.1)	57.3 (16.8)	52.4 (15.4)	47.3 (13.9)		
	-35 (-37.2)	62.8 (18.4)	58.8 (17.2)	54.7 (16)	50.3 (14.7)	45.8 (13.4)	41.1 (12)	36.2 (10.6)		
	-40 (-40)	50.5 (14.8)	46.4 (13.6)	42.2 (12.4)	37.9 (11.1)	33.4 (9.8)	28.8 (8.4)	24.0 (7)		
	0 (-17.8)	196.4 (57.6)	188.6 (55.3)	180.6 (52.9)	172.3 (50.5)	163.7 (48)	-	-	-	-
	-5 (-20.6)	174.4 (51.1)	167.3 (49)	160.0 (46.9)	152.4 (44.7)	144.5 (42.3)	-	-	-	-
	-10 (-23.3)	154.2 (45.2)	147.8 (43.3)	141.0 (41.3)	134.0 (39.3)	126.7 (37.1)	119.0 (34.9)	-	-	-
	-15 (-26.1)	135.6 (39.7)	129.7 (38)	123.5 (36.2)	117.1 (34.3)	110.2 (32.3)	103.1 (30.2)	-	-	-
NOTES: - Above ratings are based on mean temperature. - To convert to dew point ratings, use 0.95 multiplier.	-20 (-28.9)	118.3 (34.7)	112.9 (33.1)	107.2 (31.4)	101.2 (29.7)	94.8 (27.8)	88.1 (25.8)	-	-	-
	-25 (-31.7)	102.1 (29.9)	97.1 (28.5)	91.8 (26.9)	86.1 (25.2)	80.1 (23.5)	73.8 (21.6)	67.0 (19.6)		
	-30 (-34.4)	86.6 (25.4)	81.9 (24)	77.0 (22.6)	71.7 (21)	66.0 (19.3)	59.9 (17.6)	53.3 (15.6)		
	-35 (-37.2)	71.6 (21)	67.2 (19.7)	62.5 (18.3)	57.4 (16.8)	52.0 (15.2)	46.1 (13.5)	39.8 (11.7)		
	-40 (-40)	56.8 (16.6)	52.6 (15.4)	48.1 (14.1)	43.2 (12.7)	37.9 (11.1)	32.1 (9.4)	25.9 (7.6)		

**CAPACITY DATA - R448A R449A**  
**HIGH TEMP. HIGH EFFICIENCY MODELS**
**60Hz**

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °F      °C	CAPACITY MBH (KW)						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>TVS016H8-A</b>	45 (7.2)	<b>230.6 (67.6)</b>	<b>222.0 (65.1)</b>	<b>213.3 (62.5)</b>	<b>204.8 (60)</b>	<b>196.2 (57.5)</b>	<b>187.7 (55)</b>	<b>179.4 (52.6)</b>		
Compressor	40 (4.4)	<b>211.6 (62)</b>	<b>203.8 (59.7)</b>	<b>196.0 (57.4)</b>	<b>188.3 (55.2)</b>	<b>180.6 (52.9)</b>	<b>173.0 (50.7)</b>	<b>165.5 (48.5)</b>		
3DS3R17ME	35 (1.7)	<b>193.2 (56.6)</b>	<b>186.3 (54.6)</b>	<b>179.3 (52.5)</b>	<b>172.4 (50.5)</b>	<b>165.5 (48.5)</b>	<b>158.7 (46.5)</b>	<b>151.9 (44.5)</b>		
<b>TVS021H8-A</b>	45 (7.2)	<b>256.4 (75.1)</b>	<b>247.1 (72.4)</b>	<b>237.6 (69.6)</b>	<b>227.6 (66.7)</b>	<b>217.3 (63.7)</b>	<b>206.6 (60.6)</b>	<b>195.6 (57.3)</b>		
Compressor	40 (4.4)	<b>233.8 (68.5)</b>	<b>225.4 (66.1)</b>	<b>216.7 (63.5)</b>	<b>207.7 (60.9)</b>	<b>198.4 (58.1)</b>	<b>188.7 (55.3)</b>	<b>178.6 (52.3)</b>		
4DANR18ME	35 (1.7)	<b>212.6 (62.3)</b>	<b>205.0 (60.1)</b>	<b>197.1 (57.8)</b>	<b>189.0 (55.4)</b>	<b>180.6 (52.9)</b>	<b>171.9 (50.4)</b>	<b>162.8 (47.7)</b>		
<b>TVS023H8-A</b>	45 (7.2)	<b>290.5 (85.1)</b>	<b>280.2 (82.1)</b>	<b>270.0 (79.1)</b>	<b>259.6 (76.1)</b>	<b>249.1 (73)</b>	<b>238.7 (70)</b>	---	---	
Compressor	40 (4.4)	<b>265.2 (77.7)</b>	<b>255.9 (75)</b>	<b>246.4 (72.2)</b>	<b>236.9 (69.4)</b>	<b>227.3 (66.6)</b>	<b>217.7 (63.8)</b>	---	---	
4DBNR20ME	35 (1.7)	<b>241.5 (70.8)</b>	<b>232.9 (68.3)</b>	<b>224.3 (65.7)</b>	<b>215.6 (63.2)</b>	<b>206.9 (60.6)</b>	<b>198.0 (58)</b>	<b>189.2 (55.4)</b>		
<b>TVS026H8-A</b>	45 (7.2)	<b>327.5 (96)</b>	<b>316.1 (92.6)</b>	<b>304.6 (89.3)</b>	<b>293.1 (85.9)</b>	<b>281.4 (82.5)</b>	<b>269.7 (79)</b>	<b>258.0 (75.6)</b>		
Compressor	40 (4.4)	<b>298.5 (87.5)</b>	<b>288.0 (84.4)</b>	<b>277.5 (81.3)</b>	<b>266.9 (78.2)</b>	<b>256.3 (75.1)</b>	<b>245.6 (72)</b>	<b>234.9 (68.8)</b>		
4DHNR22ME	35 (1.7)	<b>271.3 (79.5)</b>	<b>261.8 (76.7)</b>	<b>252.2 (73.9)</b>	<b>242.6 (71.1)</b>	<b>232.9 (68.3)</b>	<b>223.1 (65.4)</b>	<b>213.3 (62.5)</b>		
<b>TVS031H8-A</b>	45 (7.2)	<b>379.3 (111.2)</b>	<b>366.6 (107.4)</b>	<b>353.4 (103.6)</b>	<b>339.9 (99.6)</b>	<b>325.8 (95.5)</b>	<b>311.3 (91.2)</b>	<b>296.4 (86.9)</b>		
Compressor	40 (4.4)	<b>348.6 (102.2)</b>	<b>336.8 (98.7)</b>	<b>324.8 (95.2)</b>	<b>312.3 (91.5)</b>	<b>299.3 (87.7)</b>	<b>285.9 (83.8)</b>	<b>272.2 (79.8)</b>		
4DJNR28ME	35 (1.7)	<b>319.2 (93.5)</b>	<b>308.4 (90.4)</b>	<b>297.4 (87.2)</b>	<b>285.8 (83.8)</b>	<b>273.8 (80.2)</b>	<b>261.6 (76.7)</b>	<b>249.0 (73)</b>		
<b>TVS036H8-A</b>	45 (7.2)	<b>465.2 (136.3)</b>	<b>449.4 (131.7)</b>	<b>433.8 (127.1)</b>	<b>418.1 (122.5)</b>	<b>402.6 (118)</b>	<b>387.0 (113.4)</b>	<b>371.5 (108.9)</b>		
Compressor	40 (4.4)	<b>428.3 (125.5)</b>	<b>414.2 (121.4)</b>	<b>400.2 (117.3)</b>	<b>386.1 (113.2)</b>	<b>372.0 (109)</b>	<b>358.1 (104.9)</b>	<b>344.0 (100.8)</b>		
6DHNR35ME	35 (1.7)	<b>392.4 (115)</b>	<b>379.8 (111.3)</b>	<b>367.2 (107.6)</b>	<b>354.6 (103.9)</b>	<b>342.0 (100.2)</b>	<b>329.4 (96.5)</b>	<b>316.8 (92.8)</b>		
<b>TVS041H8-A</b>	45 (7.2)	<b>551.1 (161.5)</b>	<b>532.5 (156.1)</b>	<b>513.8 (150.6)</b>	<b>495.2 (145.1)</b>	<b>476.7 (139.7)</b>	<b>458.1 (134.3)</b>	<b>439.6 (128.8)</b>		
Compressor	40 (4.4)	<b>507.8 (148.8)</b>	<b>491.0 (143.9)</b>	<b>474.2 (139)</b>	<b>457.4 (134.1)</b>	<b>440.7 (129.2)</b>	<b>424.0 (124.3)</b>	<b>407.3 (119.4)</b>		
6DJNR40ME	35 (1.7)	<b>465.4 (136.4)</b>	<b>450.2 (131.9)</b>	<b>435.2 (127.5)</b>	<b>420.2 (123.1)</b>	<b>405.2 (118.8)</b>	<b>390.2 (114.4)</b>	<b>375.1 (109.9)</b>		

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

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °F °C	CAPACITY MBH (KW)						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)	
TVS016M8-A  Compressor Model 3DS3R17ME	30 (-1.1)	175.8 (51.5)	169.6 (49.7)	163.4 (47.9)	157.2 (46.1)	151.0 (44.3)	144.9 (42.5)	138.8 (40.7)	
	25 (-3.9)	159.1 (46.6)	153.6 (45)	148.1 (43.4)	142.5 (41.8)	137.0 (40.2)	131.5 (38.5)	126.1 (37)	
	20 (-6.7)	143.4 (42)	138.5 (40.6)	133.6 (39.1)	128.5 (37.7)	123.6 (36.2)	118.7 (34.8)	113.7 (33.3)	
	15 (-9.4)	128.6 (37.7)	124.2 (36.4)	119.8 (35.1)	115.3 (33.8)	110.8 (32.5)	106.4 (31.2)	101.9 (29.8)	
	10 (-12.2)	114.8 (33.6)	110.9 (32.5)	106.9 (31.3)	102.8 (30.1)	98.7 (28.9)	94.6 (27.7)	90.4 (26.5)	
	5 (-15)	102.1 (29.9)	98.4 (28.8)	94.7 (27.8)	91.0 (26.7)	87.2 (25.5)	83.4 (24.4)	79.5 (23.3)	
	0 (-17.8)	90.3 (26.5)	86.9 (25.5)	83.5 (24.5)	80.0 (23.4)	76.4 (22.4)	72.8 (21.3)	69.1 (20.2)	
TVS021M8-A  Compressor Model 4DANR18ME	30 (-1.1)	192.6 (56.4)	185.8 (54.5)	178.8 (52.4)	171.5 (50.3)	163.9 (48)	156.1 (45.8)	148.0 (43.4)	
	25 (-3.9)	174.0 (51)	167.9 (49.2)	161.6 (47.4)	155.1 (45.5)	148.4 (43.5)	141.4 (41.4)	134.1 (39.3)	
	20 (-6.7)	156.5 (45.9)	151.1 (44.3)	145.5 (42.6)	139.7 (40.9)	133.8 (39.2)	127.6 (37.4)	121.2 (35.5)	
	15 (-9.4)	140.2 (41.1)	135.3 (39.7)	130.4 (38.2)	125.3 (36.7)	120.1 (35.2)	114.7 (33.6)	109.1 (32)	
	10 (-12.2)	124.9 (36.6)	120.6 (35.3)	116.2 (34.1)	111.7 (32.7)	107.2 (31.4)	102.5 (30)	97.7 (28.6)	
	5 (-15)	110.6 (32.4)	106.7 (31.3)	102.9 (30.2)	99.0 (29)	95.1 (27.9)	91.1 (26.7)	86.9 (25.5)	
	0 (-17.8)	97.1 (28.5)	93.7 (27.5)	90.3 (26.5)	87.0 (25.5)	83.6 (24.5)	80.2 (23.5)	76.7 (22.5)	
TVS023M8-A  Compressor Model 4DBNR20ME	30 (-1.1)	219.2 (64.3)	211.5 (62)	203.6 (59.7)	195.6 (57.3)	187.7 (55)	179.7 (52.7)	171.6 (50.3)	
	25 (-3.9)	198.3 (58.1)	191.3 (56.1)	184.2 (54)	177.0 (51.9)	169.8 (49.8)	162.5 (47.6)	155.1 (45.5)	
	20 (-6.7)	178.9 (52.4)	172.6 (50.6)	166.2 (48.7)	159.7 (46.8)	153.1 (44.9)	146.5 (42.9)	139.8 (41)	
	15 (-9.4)	160.8 (47.1)	155.1 (45.5)	149.3 (43.8)	143.5 (42.1)	137.6 (40.3)	131.6 (38.6)	125.5 (36.8)	
	10 (-12.2)	144.0 (42.2)	138.9 (40.7)	133.7 (39.2)	128.4 (37.6)	123.2 (36.1)	117.7 (34.5)	112.2 (32.9)	
	5 (-15)	128.3 (37.6)	123.8 (36.3)	119.2 (34.9)	114.5 (33.5)	109.6 (32.1)	104.8 (30.7)	99.8 (29.2)	
	0 (-17.8)	113.8 (33.4)	109.7 (32.2)	105.6 (31)	101.4 (29.7)	97.0 (28.4)	92.6 (27.1)	88.1 (25.8)	
TVS026M8-A  Compressor Model 4DHNR22ME	30 (-1.1)	245.8 (72)	237.2 (69.5)	228.6 (67)	219.8 (64.4)	210.9 (61.8)	202.0 (59.2)	193.1 (56.6)	
	25 (-3.9)	222.1 (65.1)	214.3 (62.8)	206.5 (60.5)	198.6 (58.2)	190.6 (55.9)	182.5 (53.5)	174.4 (51.1)	
	20 (-6.7)	200.0 (58.6)	193.1 (56.6)	186.1 (54.5)	178.8 (52.4)	171.7 (50.3)	164.3 (48.2)	157.0 (46)	
	15 (-9.4)	179.6 (52.6)	173.4 (50.8)	167.0 (48.9)	160.5 (47.1)	154.0 (45.1)	147.4 (43.2)	140.7 (41.2)	
	10 (-12.2)	160.5 (47.1)	155.0 (45.4)	149.3 (43.8)	143.5 (42.1)	137.7 (40.3)	131.7 (38.6)	125.7 (36.8)	
	5 (-15)	143.0 (41.9)	138.0 (40.4)	132.9 (39)	127.8 (37.4)	122.4 (35.9)	117.1 (34.3)	111.6 (32.7)	
	0 (-17.8)	126.7 (37.1)	122.2 (35.8)	117.7 (34.5)	113.1 (33.1)	108.4 (31.8)	103.4 (30.3)	98.5 (28.9)	
TVS031M8-A  Compressor Model 4DJNR28ME	30 (-1.1)	291.1 (85.3)	281.3 (82.4)	271.1 (79.5)	260.5 (76.3)	249.6 (73.1)	238.4 (69.9)	226.7 (66.4)	
	25 (-3.9)	264.3 (77.5)	255.4 (74.8)	246.0 (72.1)	236.4 (69.3)	226.4 (66.3)	216.2 (63.4)	205.6 (60.3)	
	20 (-6.7)	238.8 (70)	230.6 (67.6)	222.1 (65.1)	213.4 (62.5)	204.3 (59.9)	195.0 (57.1)	185.3 (54.3)	
	15 (-9.4)	214.5 (62.9)	207.1 (60.7)	199.4 (58.4)	191.4 (56.1)	183.2 (53.7)	174.7 (51.2)	166.0 (48.7)	
	10 (-12.2)	191.4 (56.1)	184.7 (54.1)	177.7 (52.1)	170.5 (50)	163.1 (47.8)	155.5 (45.6)	147.6 (43.3)	
	5 (-15)	169.5 (49.7)	163.4 (47.9)	157.1 (46)	150.6 (44.1)	144.0 (42.2)	137.1 (40.2)	130.1 (38.1)	
	0 (-17.8)	148.7 (43.6)	143.1 (41.9)	137.4 (40.3)	131.7 (38.6)	125.7 (36.8)	119.6 (35)	113.4 (33.2)	
TVS036M8-A  Compressor Model 6DHNR35ME	30 (-1.1)	357.6 (104.8)	346.3 (101.5)	335.1 (98.2)	323.8 (94.9)	312.6 (91.6)	301.2 (88.3)	289.9 (85)	
	25 (-3.9)	324.1 (95)	314.2 (92.1)	304.1 (89.1)	294.0 (86.2)	283.9 (83.2)	273.7 (80.2)	263.6 (77.2)	
	20 (-6.7)	292.2 (85.6)	283.3 (83)	274.4 (80.4)	265.3 (77.8)	256.3 (75.1)	247.2 (72.4)	238.0 (69.8)	
	15 (-9.4)	262.0 (76.8)	254.0 (74.4)	246.0 (72.1)	238.0 (69.8)	230.0 (67.4)	221.8 (65)	213.4 (62.5)	
	10 (-12.2)	233.7 (68.5)	226.6 (66.4)	219.5 (64.3)	212.2 (62.2)	205.0 (60.1)	197.5 (57.9)	189.9 (55.7)	
	5 (-15)	207.6 (60.8)	201.2 (59)	194.7 (57.1)	188.2 (55.1)	181.4 (53.2)	174.7 (51.2)	167.7 (49.1)	
	0 (-17.8)	183.9 (53.9)	178.0 (52.2)	172.0 (50.4)	166.0 (48.7)	159.8 (46.8)	153.5 (45)	147.0 (43.1)	
TVS041M8-A  Compressor Model 6DJNR40ME	30 (-1.1)	424.2 (124.3)	410.7 (120.4)	397.2 (116.4)	383.8 (112.5)	370.3 (108.5)	356.9 (104.6)	343.4 (100.6)	
	25 (-3.9)	384.4 (112.7)	372.4 (109.1)	360.5 (105.6)	348.4 (102.1)	336.4 (98.6)	324.3 (95.1)	312.3 (91.5)	
	20 (-6.7)	346.5 (101.5)	335.8 (98.4)	325.1 (95.3)	314.5 (92.2)	303.7 (89)	292.8 (85.8)	282.0 (82.7)	
	15 (-9.4)	310.6 (91)	301.0 (88.2)	291.6 (85.5)	282.0 (82.7)	272.4 (79.8)	262.7 (77)	252.8 (74.1)	
	10 (-12.2)	277.0 (81.2)	268.5 (78.7)	260.0 (76.2)	251.4 (73.7)	242.8 (71.1)	234.0 (68.6)	225.1 (66)	
	5 (-15)	245.9 (72.1)	238.4 (69.9)	230.7 (67.6)	222.9 (65.3)	215.0 (63)	207.1 (60.7)	199.0 (58.3)	
	0 (-17.8)	217.8 (63.8)	210.8 (61.8)	203.8 (59.7)	196.8 (57.7)	189.5 (55.5)	182.2 (53.4)	174.7 (51.2)	
TVS051M8-A  Compressor Model 6DUNR49ME	30 (-1.1)	498.9 (146.2)	483.0 (141.6)	467.1 (136.9)	451.3 (132.3)	435.3 (127.6)	419.3 (122.9)	403.1 (118.1)	
	25 (-3.9)	453.3 (132.8)	439.1 (128.7)	424.9 (124.5)	410.8 (120.4)	396.4 (116.2)	382.0 (111.9)	367.3 (107.6)	
	20 (-6.7)	409.6 (120)	397.0 (116.4)	384.3 (112.6)	371.5 (108.9)	358.6 (105.1)	345.6 (101.3)	332.3 (97.4)	
	15 (-9.4)	368.0 (107.9)	356.8 (104.6)	345.5 (101.2)	333.9 (97.9)	322.2 (94.4)	310.4 (91)	298.3 (87.4)	
	10 (-12.2)	329.0 (96.4)	318.9 (93.5)	308.6 (90.4)	298.2 (87.4)	287.6 (84.3)	276.8 (81.1)	265.7 (77.9)	
	5 (-15)	292.6 (85.8)	283.5 (83.1)	274.2 (80.3)	264.6 (77.5)	254.8 (74.7)	244.9 (71.8)	234.5 (68.7)	
	0 (-17.8)	259.4 (76)	251.0 (73.5)	242.2 (71)	233.4 (68.4)	224.3 (65.7)	214.9 (63)	205.2 (60.1)	

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

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW)		R448A		R449A		AMBIENT TEMPERATURE °F (°C)	
	°F	°C	85 (29.4)	90 (32.2)	95 (35)	100 (37.8)	105 (40.6)	110 (43.3)	115 (46.1)	
TVS011L8-A  Compressor Model 3DS3F46KE	-5 (-20.6)	77.1 (22.6)	73.9 (21.7)	70.7 (20.7)	67.4 (19.8)	64.2 (18.8)	60.8 (17.8)	57.4 (16.8)		
	-10 (-23.3)	67.5 (19.8)	64.7 (19)	61.7 (18.1)	58.8 (17.2)	55.8 (16.3)	52.7 (15.4)	49.6 (14.5)		
	-15 (-26.1)	59.0 (17.3)	56.4 (16.5)	53.7 (15.7)	50.9 (14.9)	48.1 (14.1)	45.3 (13.3)	42.3 (12.4)		
	-20 (-28.9)	51.2 (15)	48.8 (14.3)	46.3 (13.6)	43.8 (12.8)	41.1 (12)	38.4 (11.3)	35.7 (10.5)		
	-25 (-31.7)	44.3 (13)	42.0 (12.3)	39.7 (11.6)	37.2 (10.9)	34.8 (10.2)	32.2 (9.4)	29.6 (8.7)		
	-30 (-34.4)	38.0 (11.1)	35.8 (10.5)	33.6 (9.8)	31.3 (9.2)	28.9 (8.5)	26.5 (7.8)	24.0 (7)		
	-35 (-37.2)	32.2 (9.4)	30.1 (8.8)	27.9 (8.2)	25.7 (7.5)	23.4 (6.9)	21.1 (6.2)	18.7 (5.5)		
	-40 (-40)	26.9 (7.9)	24.9 (7.3)	22.8 (6.7)	20.6 (6)	18.4 (5.4)	16.1 (4.7)	13.7 (4)		
TVS016L8-A  Compressor Model 4DHNF63KE	-5 (-20.6)	105.6 (31)	101.4 (29.7)	97.2 (28.5)	93.0 (27.3)	88.7 (26)	84.4 (24.7)	80.1 (23.5)		
	-10 (-23.3)	93.9 (27.5)	90.1 (26.4)	86.3 (25.3)	82.4 (24.2)	78.4 (23)	74.6 (21.8)	70.7 (20.7)		
	-15 (-26.1)	83.0 (24.3)	79.5 (23.3)	76.0 (22.3)	72.5 (21.2)	68.9 (20.2)	65.2 (19.1)	61.6 (18.1)		
	-20 (-28.9)	72.8 (21.3)	69.6 (20.4)	66.5 (19.5)	63.1 (18.5)	59.7 (17.5)	56.4 (16.5)	53.0 (15.5)		
	-25 (-31.7)	63.2 (18.5)	60.4 (17.7)	57.3 (16.8)	54.3 (15.9)	51.1 (15)	47.9 (14)	44.7 (13.1)		
	-30 (-34.4)	54.4 (15.9)	51.7 (15.1)	48.7 (14.3)	45.8 (13.4)	42.8 (12.6)	39.7 (11.6)	36.6 (10.7)		
	-35 (-37.2)	46.0 (13.5)	43.3 (12.7)	40.5 (11.9)	37.7 (11)	34.8 (10.2)	31.7 (9.3)	28.7 (8.4)		
	-40 (-40)	37.9 (11.1)	35.4 (10.4)	32.7 (9.6)	29.8 (8.7)	26.9 (7.9)	23.8 (7)	20.8 (6.1)		
TVS023L8-A  Compressor Model 4DJNF76KE	-5 (-20.6)	130.2 (38.2)	125.1 (36.6)	119.7 (35.1)	114.5 (33.5)	109.0 (31.9)	103.5 (30.3)	98.1 (28.7)		
	-10 (-23.3)	115.0 (33.7)	110.1 (32.3)	105.2 (30.8)	100.3 (29.4)	95.2 (27.9)	90.1 (26.4)	84.9 (24.9)		
	-15 (-26.1)	101.1 (29.6)	96.7 (28.3)	92.1 (27)	87.5 (25.6)	82.7 (24.2)	78.0 (22.9)	73.2 (21.4)		
	-20 (-28.9)	88.6 (26)	84.4 (24.7)	80.2 (23.5)	75.8 (22.2)	71.4 (20.9)	66.9 (19.6)	62.4 (18.3)		
	-25 (-31.7)	77.0 (22.6)	73.1 (21.4)	69.1 (20.2)	65.0 (19)	60.9 (17.8)	56.6 (16.6)	52.3 (15.3)		
	-30 (-34.4)	66.2 (19.4)	62.5 (18.3)	58.7 (17.2)	54.8 (16.1)	50.8 (14.9)	46.8 (13.7)	42.6 (12.5)		
	-35 (-37.2)	55.7 (16.3)	52.3 (15.3)	48.7 (14.3)	44.9 (13.2)	41.2 (12.1)	37.3 (10.9)	33.3 (9.8)		
	-40 (-40)	45.4 (13.3)	42.1 (12.3)	38.7 (11.4)	35.2 (10.3)	31.5 (9.2)	27.8 (8.2)	23.9 (7)		
TVS028L8-A  Compressor Model 6DHNF93KE	-5 (-20.6)	155.8 (45.7)	150.0 (44)	144.0 (42.2)	137.6 (40.3)	130.9 (38.4)	124.0 (36.3)	116.7 (34.2)		
	-10 (-23.3)	137.4 (40.3)	132.1 (38.7)	126.5 (37.1)	120.6 (35.4)	114.6 (33.6)	108.0 (31.7)	101.2 (29.7)		
	-15 (-26.1)	120.6 (35.4)	115.7 (33.9)	110.6 (32.4)	105.2 (30.8)	99.4 (29.1)	93.3 (27.4)	87.0 (25.5)		
	-20 (-28.9)	105.1 (30.8)	100.7 (29.5)	95.9 (28.1)	90.8 (26.6)	85.5 (25)	79.8 (23.4)	73.7 (21.6)		
	-25 (-31.7)	90.9 (26.6)	86.7 (25.4)	82.3 (24.1)	77.5 (22.7)	72.5 (21.2)	67.1 (19.7)	61.3 (18)		
	-30 (-34.4)	77.7 (22.8)	73.7 (21.6)	69.5 (20.4)	65.0 (19)	60.2 (17.6)	55.0 (16.1)	49.6 (14.5)		
	-35 (-37.2)	65.3 (19.1)	61.5 (18)	57.5 (16.9)	53.1 (15.6)	48.5 (14.2)	43.5 (12.7)	38.1 (11.2)		
	-40 (-40)	53.6 (15.7)	49.9 (14.6)	46.0 (13.5)	41.8 (12.2)	37.2 (10.9)	32.2 (9.4)	27.0 (7.9)		
TVS031L8-A  Compressor Model 6DJNF11ME	-5 (-20.6)	183.9 (53.9)	176.7 (51.8)	169.3 (49.6)	161.6 (47.4)	153.4 (45)	145.0 (42.5)	136.2 (39.9)		
	-10 (-23.3)	162.4 (47.6)	155.9 (45.7)	149.1 (43.7)	142.0 (41.6)	134.4 (39.4)	126.5 (37.1)	118.2 (34.6)		
	-15 (-26.1)	142.8 (41.9)	136.7 (40.1)	130.4 (38.2)	123.8 (36.3)	116.8 (34.2)	109.4 (32.1)	101.6 (29.8)		
	-20 (-28.9)	124.6 (36.5)	119.1 (34.9)	113.2 (33.2)	107.0 (31.4)	100.4 (29.4)	93.5 (27.4)	86.1 (25.2)		
	-25 (-31.7)	107.8 (31.6)	102.7 (30.1)	97.1 (28.5)	91.2 (26.7)	85.1 (24.9)	78.4 (23)	71.4 (20.9)		
	-30 (-34.4)	92.1 (27)	87.3 (25.6)	82.0 (24)	76.4 (22.4)	70.5 (20.6)	64.1 (18.8)	57.3 (16.8)		
	-35 (-37.2)	77.2 (22.6)	72.6 (21.3)	67.5 (19.8)	62.2 (18.2)	56.4 (16.5)	50.2 (14.7)	43.6 (12.8)		
	-40 (-40)	62.9 (18.4)	58.4 (17.1)	53.4 (15.7)	48.2 (14.1)	42.5 (12.5)	36.4 (10.7)	29.9 (8.8)		
TVS041L8-A  Compressor Model 6DUNF13ME	-5 (-20.6)	214.3 (62.8)	207.1 (60.7)	199.6 (58.5)	192.2 (56.3)	184.4 (54)	176.3 (51.7)	168.0 (49.2)		
	-10 (-23.3)	190.6 (55.9)	183.9 (53.9)	177.0 (51.9)	170.0 (49.8)	162.6 (47.7)	155.0 (45.4)	147.0 (43.1)		
	-15 (-26.1)	167.8 (49.2)	161.6 (47.4)	155.1 (45.5)	148.5 (43.5)	141.4 (41.5)	134.1 (39.3)	126.4 (37)		
	-20 (-28.9)	146.3 (42.9)	140.4 (41.1)	134.3 (39.4)	127.9 (37.5)	121.2 (35.5)	114.0 (33.4)	106.6 (31.2)		
	-25 (-31.7)	126.4 (37)	120.9 (35.4)	115.0 (33.7)	108.8 (31.9)	102.2 (29.9)	95.2 (27.9)	87.8 (25.7)		
	-30 (-34.4)	108.6 (31.8)	103.2 (30.2)	97.4 (28.6)	91.4 (26.8)	84.8 (24.9)	77.8 (22.8)	70.5 (20.6)		
	-35 (-37.2)	93.0 (27.3)	87.8 (25.7)	82.1 (24.1)	76.0 (22.3)	69.4 (20.3)	62.4 (18.3)	54.9 (16.1)		
	-40 (-40)	80.3 (23.5)	75.0 (22)	69.2 (20.3)	63.0 (18.5)	56.3 (16.5)	49.1 (14.4)	41.4 (12.1)		

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

**CAPACITY DATA - R448A R449A**  
**LOW TEMP. HIGH EFFICIENCY MODELS**  
**w/ 850RPM CONDENSER MOTOR(S)**
**60Hz**

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE	CAPACITY MBH (KW)							AMBIENT TEMPERATURE °F (°C)
		85 (29.4)	90 (32.2)	95 (35)	100 (37.8)	105 (40.6)	110 (43.3)	115 (46.1)	
TVS011D8-A  Compressor Model 3DS3F46KE	-5 (-20.6)	75.7 (22.2)	72.6 (21.3)	69.4 (20.3)	66.1 (19.4)	62.9 (18.4)	59.6 (17.5)	56.2 (16.5)	
	-10 (-23.3)	66.5 (19.5)	63.6 (18.6)	60.7 (17.8)	57.7 (16.9)	54.6 (16)	51.6 (15.1)	48.5 (14.2)	
	-15 (-26.1)	58.1 (17)	55.4 (16.2)	52.7 (15.4)	50.0 (14.7)	47.2 (13.8)	44.3 (13)	41.4 (12.1)	
	-20 (-28.9)	50.5 (14.8)	48.0 (14.1)	45.5 (13.3)	42.9 (12.6)	40.3 (11.8)	37.7 (11)	35.0 (10.3)	
	-25 (-31.7)	43.6 (12.8)	41.3 (12.1)	39.0 (11.4)	36.5 (10.7)	34.1 (10)	31.5 (9.2)	29.0 (8.5)	
	-30 (-34.4)	37.4 (11)	35.2 (10.3)	33.0 (9.7)	30.7 (9)	28.3 (8.3)	25.9 (7.6)	23.4 (6.9)	
	-35 (-37.2)	31.7 (9.3)	29.6 (8.7)	27.5 (8.1)	25.2 (7.4)	22.9 (6.7)	20.6 (6)	18.2 (5.3)	
	-40 (-40)	26.5 (7.8)	24.4 (7.2)	22.3 (6.5)	20.1 (5.9)	17.9 (5.2)	15.6 (4.6)	13.3 (3.9)	
TVS016D8-A  Compressor Model 4DHNF63KE	-5 (-20.6)	104.5 (30.6)	100.3 (29.4)	96.1 (28.2)	91.8 (26.9)	87.6 (25.7)	83.3 (24.4)	79.1 (23.2)	
	-10 (-23.3)	92.9 (27.2)	89.1 (26.1)	85.3 (25)	81.4 (23.9)	77.5 (22.7)	73.6 (21.6)	69.7 (20.4)	
	-15 (-26.1)	82.1 (24.1)	78.7 (23.1)	75.2 (22)	71.7 (21)	68.1 (20)	64.4 (18.9)	60.9 (17.8)	
	-20 (-28.9)	72.1 (21.1)	68.9 (20.2)	65.7 (19.3)	62.4 (18.3)	59.1 (17.3)	55.7 (16.3)	52.4 (15.4)	
	-25 (-31.7)	62.7 (18.4)	59.8 (17.5)	56.8 (16.6)	53.7 (15.7)	50.5 (14.8)	47.3 (13.9)	44.2 (13)	
	-30 (-34.4)	53.9 (15.8)	51.1 (15)	48.2 (14.1)	45.3 (13.3)	42.3 (12.4)	39.2 (11.5)	36.2 (10.6)	
	-35 (-37.2)	45.5 (13.3)	42.9 (12.6)	40.1 (11.8)	37.2 (10.9)	34.3 (10.1)	31.3 (9.2)	28.3 (8.3)	
	-40 (-40)	37.6 (11)	35.0 (10.3)	32.2 (9.4)	29.4 (8.6)	26.5 (7.8)	23.5 (6.9)	20.5 (6)	
TVS023D8-A  Compressor Model 4DJNF76KE	-5 (-20.6)	128.5 (37.7)	123.3 (36.1)	118.0 (34.6)	112.7 (33)	107.3 (31.4)	101.9 (29.9)	96.5 (28.3)	
	-10 (-23.3)	113.5 (33.3)	108.7 (31.9)	103.8 (30.4)	98.8 (29)	93.8 (27.5)	88.7 (26)	83.6 (24.5)	
	-15 (-26.1)	99.9 (29.3)	95.4 (28)	90.9 (26.6)	86.2 (25.3)	81.5 (23.9)	76.8 (22.5)	72.0 (21.1)	
	-20 (-28.9)	87.5 (25.6)	83.4 (24.4)	79.1 (23.2)	74.8 (21.9)	70.3 (20.6)	65.8 (19.3)	61.3 (18)	
	-25 (-31.7)	76.1 (22.3)	72.2 (21.2)	68.2 (20)	64.1 (18.8)	59.9 (17.6)	55.7 (16.3)	51.4 (15.1)	
	-30 (-34.4)	65.4 (19.2)	61.7 (18.1)	57.9 (17)	54.1 (15.9)	50.1 (14.7)	46.0 (13.5)	41.9 (12.3)	
	-35 (-37.2)	55.0 (16.1)	51.6 (15.1)	48.0 (14.1)	44.3 (13)	40.5 (11.9)	36.7 (10.8)	32.7 (9.6)	
	-40 (-40)	44.9 (13.2)	41.6 (12.2)	38.2 (11.2)	34.6 (10.1)	31.0 (9.1)	27.3 (8)	23.4 (6.9)	
TVS028D8-A  Compressor Model 6DHNF93KE	-5 (-20.6)	153.3 (44.9)	147.4 (43.2)	141.3 (41.4)	134.9 (39.5)	128.1 (37.5)	121.1 (35.5)	113.8 (33.4)	
	-10 (-23.3)	135.3 (39.7)	130.0 (38.1)	124.3 (36.4)	118.4 (34.7)	112.2 (32.9)	105.6 (30.9)	98.8 (29)	
	-15 (-26.1)	118.8 (34.8)	113.9 (33.4)	108.7 (31.9)	103.2 (30.2)	97.4 (28.5)	91.3 (26.8)	84.9 (24.9)	
	-20 (-28.9)	103.7 (30.4)	99.1 (29)	94.3 (27.6)	89.2 (26.1)	83.8 (24.6)	78.0 (22.9)	71.9 (21.1)	
	-25 (-31.7)	89.7 (26.3)	85.4 (25)	80.9 (23.7)	76.1 (22.3)	71.0 (20.8)	65.5 (19.2)	59.8 (17.5)	
	-30 (-34.4)	76.6 (22.4)	72.6 (21.3)	68.4 (20)	63.8 (18.7)	58.9 (17.3)	53.7 (15.7)	48.2 (14.1)	
	-35 (-37.2)	64.4 (18.9)	60.6 (17.8)	56.5 (16.6)	52.1 (15.3)	47.4 (13.9)	42.3 (12.4)	36.9 (10.8)	
	-40 (-40)	52.7 (15.4)	49.0 (14.4)	45.1 (13.2)	40.8 (12)	36.2 (10.6)	31.2 (9.1)	25.9 (7.6)	
TVS031D8-A  Compressor Model 6DJNF11ME	-5 (-20.6)	180.3 (52.8)	173.1 (50.7)	165.5 (48.5)	157.7 (46.2)	149.5 (43.8)	141.0 (41.3)	132.1 (38.7)	
	-10 (-23.3)	159.4 (46.7)	152.8 (44.8)	145.9 (42.8)	138.7 (40.6)	131.1 (38.4)	123.1 (36.1)	114.8 (33.6)	
	-15 (-26.1)	140.3 (41.1)	134.2 (39.3)	127.8 (37.5)	121.1 (35.5)	114.0 (33.4)	106.5 (31.2)	98.7 (28.9)	
	-20 (-28.9)	122.5 (35.9)	116.9 (34.3)	111.0 (32.5)	104.7 (30.7)	98.0 (28.7)	91.0 (26.7)	83.6 (24.5)	
	-25 (-31.7)	106.1 (31.1)	100.8 (29.5)	95.2 (27.9)	89.3 (26.2)	83.0 (24.3)	76.3 (22.4)	69.2 (20.3)	
	-30 (-34.4)	90.6 (26.6)	85.6 (25.1)	80.3 (23.5)	74.7 (21.9)	68.7 (20.1)	62.3 (18.3)	55.4 (16.2)	
	-35 (-37.2)	75.9 (22.2)	71.2 (20.9)	66.1 (19.4)	60.6 (17.8)	54.8 (16.1)	48.6 (14.2)	41.9 (12.3)	
	-40 (-40)	61.8 (18.1)	57.2 (16.8)	52.2 (15.3)	46.9 (13.7)	41.1 (12)	35.0 (10.3)	28.5 (8.4)	

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

**CAPACITY DATA - R407C**  
**HIGH TEMP. HIGH EFFICIENCY MODELS**
**60Hz**

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °F °C	CAPACITY MBH (KW)			R407C	AMBIENT TEMPERATURE °F (°C)			
		85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)	115 (46.1)	
<b>TVS016H8-A</b> Compressor Model 3DS3R17ME	55 (12.8)	<b>258.2</b> (75.7)	<b>248.4</b> (72.8)	<b>238.9</b> (70)	<b>229.7</b> (67.3)	<b>220.8</b> (64.7)	<b>212.1</b> (62.2)	<b>203.7</b> (59.7)	
	50 (10)	<b>237.0</b> (69.5)	<b>228.3</b> (66.9)	<b>219.8</b> (64.4)	<b>211.5</b> (62)	<b>203.5</b> (59.6)	<b>195.7</b> (57.4)	<b>188.1</b> (55.1)	
	45 (7.2)	<b>216.8</b> (63.5)	<b>209.1</b> (61.3)	<b>201.5</b> (59.1)	<b>194.1</b> (56.9)	<b>187.0</b> (54.8)	<b>180.1</b> (52.8)	<b>173.1</b> (50.7)	
	40 (4.4)	<b>197.7</b> (57.9)	<b>190.8</b> (55.9)	<b>184.2</b> (54)	<b>177.7</b> (52.1)	<b>171.3</b> (50.2)	<b>165.1</b> (48.4)	<b>158.9</b> (46.6)	
	35 (1.7)	<b>179.7</b> (52.7)	<b>173.6</b> (50.9)	<b>167.7</b> (49.1)	<b>162.0</b> (47.5)	<b>156.3</b> (45.8)	<b>150.7</b> (44.2)	<b>145.1</b> (42.5)	
<b>TVS021H8-A</b> Compressor Model 4DANR18ME	55 (12.8)	<b>321.6</b> (94.3)	<b>304.7</b> (89.3)	<b>288.1</b> (84.4)	<b>271.8</b> (79.7)	<b>255.9</b> (75)	<b>240.2</b> (70.4)	<b>224.8</b> (65.9)	
	50 (10)	<b>289.2</b> (84.8)	<b>274.2</b> (80.4)	<b>259.5</b> (76.1)	<b>245.1</b> (71.8)	<b>231.1</b> (67.7)	<b>217.4</b> (63.7)	<b>203.9</b> (59.8)	
	45 (7.2)	<b>259.2</b> (76)	<b>246.0</b> (72.1)	<b>233.2</b> (68.3)	<b>220.7</b> (64.7)	<b>208.5</b> (61.1)	<b>196.6</b> (57.6)	<b>185.0</b> (54.2)	
	40 (4.4)	<b>231.7</b> (67.9)	<b>220.3</b> (64.6)	<b>209.2</b> (61.3)	<b>198.5</b> (58.2)	<b>188.0</b> (55.1)	<b>177.9</b> (52.1)	<b>167.9</b> (49.2)	
	35 (1.7)	<b>206.6</b> (60.6)	<b>196.9</b> (57.7)	<b>187.4</b> (54.9)	<b>178.4</b> (52.3)	<b>169.5</b> (49.7)	<b>161.0</b> (47.2)	<b>152.6</b> (44.7)	
<b>TVS023H8-A</b> Compressor Model 4DBNR20ME	55 (12.8)	<b>331.2</b> (97.1)	<b>319.3</b> (93.6)	<b>307.4</b> (90.1)	<b>295.6</b> (86.6)	<b>283.8</b> (83.2)	<b>272.2</b> (79.8)	---	---
	50 (10)	<b>302.0</b> (88.5)	<b>290.7</b> (85.2)	<b>279.6</b> (81.9)	<b>268.5</b> (78.7)	<b>257.5</b> (75.5)	<b>246.5</b> (72.3)	<b>235.7</b> (69.1)	
	45 (7.2)	<b>275.0</b> (80.6)	<b>264.5</b> (77.5)	<b>254.1</b> (74.5)	<b>243.7</b> (71.4)	<b>233.4</b> (68.4)	<b>223.2</b> (65.4)	<b>213.3</b> (62.5)	
	40 (4.4)	<b>250.0</b> (73.3)	<b>240.2</b> (70.4)	<b>230.6</b> (67.6)	<b>220.9</b> (64.7)	<b>211.5</b> (62)	<b>202.0</b> (59.2)	<b>192.8</b> (56.5)	
	35 (1.7)	<b>226.8</b> (66.5)	<b>217.8</b> (63.8)	<b>208.8</b> (61.2)	<b>199.9</b> (58.6)	<b>191.2</b> (56)	<b>182.6</b> (53.5)	<b>174.2</b> (51.1)	
<b>TVS026H8-A</b> Compressor Model 4DHNR22ME	55 (12.8)	<b>394.2</b> (115.5)	<b>373.6</b> (109.5)	<b>353.4</b> (103.6)	<b>333.6</b> (97.8)	<b>314.3</b> (92.1)	<b>295.5</b> (86.6)	<b>277.3</b> (81.3)	
	50 (10)	<b>359.9</b> (105.5)	<b>341.5</b> (100.1)	<b>323.4</b> (94.8)	<b>305.8</b> (89.6)	<b>288.5</b> (84.6)	<b>271.8</b> (79.7)	<b>255.8</b> (75)	
	45 (7.2)	<b>327.1</b> (95.9)	<b>310.7</b> (91.1)	<b>294.7</b> (86.4)	<b>279.1</b> (81.8)	<b>264.0</b> (77.4)	<b>249.3</b> (73.1)	<b>235.3</b> (69)	
	40 (4.4)	<b>295.8</b> (86.7)	<b>281.5</b> (82.5)	<b>267.5</b> (78.4)	<b>253.8</b> (74.4)	<b>240.6</b> (70.5)	<b>227.9</b> (66.8)	<b>215.8</b> (63.2)	
	35 (1.7)	<b>266.4</b> (78.1)	<b>253.9</b> (74.4)	<b>241.8</b> (70.9)	<b>230.0</b> (67.4)	<b>218.5</b> (64)	<b>207.5</b> (60.8)	<b>197.1</b> (57.8)	
<b>TVS031H8-A</b> Compressor Model 4DJNR28ME	55 (12.8)	<b>467.8</b> (137.1)	<b>443.8</b> (130.1)	<b>420.4</b> (123.2)	<b>397.5</b> (116.5)	<b>375.1</b> (109.9)	<b>353.1</b> (103.5)	<b>331.8</b> (97.2)	
	50 (10)	<b>424.3</b> (124.4)	<b>402.9</b> (118.1)	<b>382.0</b> (111.9)	<b>361.6</b> (106)	<b>341.8</b> (100.2)	<b>322.5</b> (94.5)	<b>303.7</b> (89)	
	45 (7.2)	<b>383.5</b> (112.4)	<b>364.6</b> (106.8)	<b>346.2</b> (101.5)	<b>328.2</b> (96.2)	<b>310.9</b> (91.1)	<b>294.0</b> (86.2)	<b>277.7</b> (81.4)	
	40 (4.4)	<b>345.5</b> (101.2)	<b>329.0</b> (96.4)	<b>312.9</b> (91.7)	<b>297.4</b> (87.1)	<b>282.3</b> (82.7)	<b>267.8</b> (78.5)	<b>253.8</b> (74.4)	
	35 (1.7)	<b>310.2</b> (90.9)	<b>296.0</b> (86.7)	<b>282.1</b> (82.7)	<b>268.8</b> (78.8)	<b>256.0</b> (75)	<b>243.6</b> (71.4)	<b>231.7</b> (67.9)	
<b>TVS036H8-A</b> Compressor Model 6DHNR35ME	55 (12.8)	<b>576.7</b> (169)	<b>554.3</b> (162.4)	<b>531.8</b> (155.9)	<b>509.3</b> (149.2)	<b>486.7</b> (142.6)	<b>463.9</b> (136)	<b>441.1</b> (129.3)	
	50 (10)	<b>516.0</b> (151.2)	<b>496.2</b> (145.4)	<b>476.4</b> (139.6)	<b>456.4</b> (133.8)	<b>436.4</b> (127.9)	<b>416.2</b> (122)	<b>395.9</b> (116)	
	45 (7.2)	<b>461.3</b> (135.2)	<b>443.9</b> (130.1)	<b>426.5</b> (125)	<b>409.0</b> (119.9)	<b>391.3</b> (114.7)	<b>373.5</b> (109.5)	<b>355.4</b> (104.2)	
	40 (4.4)	<b>412.1</b> (120.8)	<b>397.1</b> (116.4)	<b>381.9</b> (111.9)	<b>366.6</b> (107.4)	<b>351.1</b> (102.9)	<b>335.5</b> (98.3)	<b>319.6</b> (93.7)	
	35 (1.7)	<b>368.2</b> (107.9)	<b>355.3</b> (104.1)	<b>342.2</b> (100.3)	<b>328.9</b> (96.4)	<b>315.4</b> (92.4)	<b>301.8</b> (88.4)	<b>287.8</b> (84.3)	
<b>TVS041H8-A</b> Compressor Model 6DJNR40ME	55 (12.8)	<b>803.6</b> (235.5)	<b>770.1</b> (225.7)	<b>734.1</b> (215.1)	<b>695.8</b> (203.9)	<b>655.5</b> (192.1)	<b>613.4</b> (179.8)	<b>569.8</b> (167)	
	50 (10)	<b>705.1</b> (206.6)	<b>675.4</b> (197.9)	<b>643.0</b> (188.4)	<b>608.5</b> (178.3)	<b>572.0</b> (167.6)	<b>533.9</b> (156.5)	<b>494.3</b> (144.9)	
	45 (7.2)	<b>617.7</b> (181)	<b>591.4</b> (173.3)	<b>562.6</b> (164.9)	<b>531.6</b> (155.8)	<b>498.9</b> (146.2)	<b>464.5</b> (136.1)	<b>428.8</b> (125.7)	
	40 (4.4)	<b>541.5</b> (158.7)	<b>518.1</b> (151.8)	<b>492.5</b> (144.3)	<b>464.7</b> (136.2)	<b>435.4</b> (127.6)	<b>404.8</b> (118.6)	<b>373.0</b> (109.3)	
	35 (1.7)	<b>475.5</b> (139.4)	<b>454.9</b> (133.3)	<b>432.1</b> (126.6)	<b>407.5</b> (119.4)	<b>381.5</b> (111.8)	<b>354.3</b> (103.8)	<b>326.1</b> (95.6)	

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

**CAPACITY DATA - R407C**  
**MEDIUM TEMP. HIGH EFFICIENCY MODELS**
**60Hz**

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °F      °C	CAPACITY MBH (KW)			R407C	AMBIENT TEMPERATURE °F (°C)			
		85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)	115 (46.1)	
TVS016M8-A Compressor Model 3DSR17ME	30 (-1.1)	162.8 (47.7)	157.4 (46.1)	152.3 (44.6)	147.2 (43.1)	142.1 (41.6)	137.0 (40.2)	131.9 (38.7)	
	25 (-3.9)	146.8 (43)	142.2 (41.7)	137.7 (40.3)	133.1 (39)	128.6 (37.7)	124.0 (36.3)	119.2 (34.9)	
	20 (-6.7)	132.1 (38.7)	128.0 (37.5)	124.0 (36.3)	119.9 (35.1)	115.8 (33.9)	111.5 (32.7)	107.0 (31.4)	
	15 (-9.4)	118.3 (34.7)	114.8 (33.6)	111.2 (32.6)	107.5 (31.5)	103.6 (30.4)	99.5 (29.2)	95.2 (27.9)	
	10 (-12.2)	105.6 (31)	102.5 (30)	99.2 (29.1)	95.8 (28.1)	92.1 (27)	88.2 (25.8)	83.9 (24.6)	
TVS021M8-A Compressor Model 4DANR18ME	30 (-1.1)	183.9 (53.9)	175.7 (51.5)	167.8 (49.2)	160.2 (47)	152.9 (44.8)	145.8 (42.7)	-	-
	25 (-3.9)	163.6 (47.9)	156.8 (46)	150.2 (44)	143.9 (42.2)	137.9 (40.4)	132.0 (38.7)	126.4 (37)	
	20 (-6.7)	145.4 (42.6)	139.8 (41)	134.4 (39.4)	129.3 (37.9)	124.3 (36.4)	119.5 (35)	114.8 (33.6)	
	15 (-9.4)	129.3 (37.9)	124.6 (36.5)	120.2 (35.2)	116.0 (34)	111.9 (32.8)	107.9 (31.6)	104.0 (30.5)	
	10 (-12.2)	114.9 (33.7)	111.0 (32.5)	107.3 (31.4)	103.7 (30.4)	100.3 (29.4)	96.9 (28.4)	93.5 (27.4)	
TVS023M8-A Compressor Model 4DBNR20ME	30 (-1.1)	205.2 (60.1)	196.9 (57.7)	188.7 (55.3)	180.5 (52.9)	172.6 (50.6)	164.7 (48.3)	157.2 (46.1)	
	25 (-3.9)	184.8 (54.2)	177.2 (51.9)	169.8 (49.8)	162.4 (47.6)	155.2 (45.5)	148.3 (43.5)	141.4 (41.5)	
	20 (-6.7)	165.5 (48.5)	158.7 (46.5)	151.9 (44.5)	145.3 (42.6)	138.9 (40.7)	132.7 (38.9)	126.7 (37.1)	
	15 (-9.4)	147.0 (43.1)	140.8 (41.3)	134.8 (39.5)	129.0 (37.8)	123.4 (36.2)	118.0 (34.6)	112.9 (33.1)	
	10 (-12.2)	128.9 (37.8)	123.6 (36.2)	118.3 (34.7)	113.3 (33.2)	108.5 (31.8)	103.8 (30.4)	99.5 (29.2)	
TVS026M8-A Compressor Model 4DHNR22ME	30 (-1.1)	238.8 (70)	228.1 (66.8)	217.7 (63.8)	207.5 (60.8)	197.6 (57.9)	188.3 (55.2)	179.4 (52.6)	
	25 (-3.9)	213.0 (62.4)	204.0 (59.8)	195.1 (57.2)	186.4 (54.6)	178.1 (52.2)	170.1 (49.9)	162.6 (47.7)	
	20 (-6.7)	189.4 (55.5)	181.8 (53.3)	174.2 (51.1)	166.8 (48.9)	159.7 (46.8)	153.0 (44.8)	146.7 (43)	
	15 (-9.4)	167.8 (49.2)	161.4 (47.3)	155.0 (45.4)	148.7 (43.6)	142.6 (41.8)	136.8 (40.1)	131.5 (38.5)	
	10 (-12.2)	148.4 (43.5)	142.9 (41.9)	137.4 (40.3)	132.0 (38.7)	126.7 (37.1)	121.7 (35.7)	117.0 (34.3)	
TVS031M8-A Compressor Model 4DJNR28ME	30 (-1.1)	277.8 (81.4)	265.7 (77.9)	254.0 (74.4)	242.7 (71.1)	231.7 (67.9)	221.3 (64.9)	211.4 (61.9)	
	25 (-3.9)	248.2 (72.7)	237.9 (69.7)	228.1 (66.8)	218.5 (64)	209.5 (61.4)	200.8 (58.8)	192.5 (56.4)	
	20 (-6.7)	221.3 (64.9)	212.7 (62.3)	204.4 (59.9)	196.5 (57.6)	188.9 (55.4)	181.7 (53.2)	174.7 (51.2)	
	15 (-9.4)	197.0 (57.7)	189.7 (55.6)	182.8 (53.6)	176.2 (51.6)	169.8 (49.8)	163.7 (48)	158.0 (46.3)	
	10 (-12.2)	174.9 (51.3)	168.8 (49.5)	163.0 (47.8)	157.3 (46.1)	151.9 (44.5)	146.8 (43)	142.0 (41.6)	
TVS036M8-A Compressor Model 6DHNR35ME	30 (-1.1)	329.3 (96.5)	318.2 (93.2)	306.9 (89.9)	295.4 (86.6)	283.7 (83.1)	271.7 (79.6)	259.5 (76)	
	25 (-3.9)	294.6 (86.3)	285.2 (83.6)	275.5 (80.7)	265.5 (77.8)	255.4 (74.8)	244.9 (71.8)	234.0 (68.6)	
	20 (-6.7)	263.9 (77.3)	255.8 (75)	247.4 (72.5)	238.8 (70)	229.7 (67.3)	220.5 (64.6)	210.8 (61.8)	
	15 (-9.4)	236.4 (69.3)	229.3 (67.2)	222.0 (65.1)	214.3 (62.8)	206.3 (60.5)	198.0 (58)	189.3 (55.5)	
	10 (-12.2)	211.5 (62)	205.2 (60.1)	198.7 (58.2)	191.7 (56.2)	184.4 (54)	176.7 (51.8)	168.6 (49.4)	
TVS041M8-A Compressor Model 6DJNR40ME	30 (-1.1)	419.2 (122.8)	400.8 (117.5)	380.6 (111.5)	358.8 (105.1)	335.9 (98.4)	312.1 (91.5)	287.6 (84.3)	
	25 (-3.9)	371.2 (108.8)	354.8 (104)	336.9 (98.7)	317.8 (93.1)	297.8 (87.3)	277.2 (81.2)	256.4 (75.1)	
	20 (-6.7)	330.2 (96.8)	315.6 (92.5)	299.8 (87.9)	283.2 (83)	266.0 (77.9)	248.6 (72.9)	231.3 (67.8)	
	15 (-9.4)	294.8 (86.4)	281.8 (82.6)	268.0 (78.5)	253.7 (74.3)	239.2 (70.1)	225.0 (65.9)	211.4 (61.9)	
	10 (-12.2)	263.4 (77.2)	251.8 (73.8)	239.7 (70.3)	227.7 (66.7)	216.0 (63.3)	205.0 (60.1)	195.0 (57.1)	
TVS051M8-A Compressor Model 6DUNR49ME	30 (-1.1)	489.6 (143.5)	466.8 (136.8)	442.9 (129.8)	418.1 (122.5)	392.7 (115.1)	367.0 (107.5)	341.3 (100)	
	25 (-3.9)	434.2 (127.2)	413.5 (121.2)	392.0 (114.9)	369.9 (108.4)	347.4 (101.8)	325.0 (95.2)	302.8 (88.7)	
	20 (-6.7)	384.0 (112.5)	365.4 (107.1)	346.3 (101.5)	326.9 (95.8)	307.4 (90.1)	288.3 (84.5)	269.9 (79.1)	
	15 (-9.4)	338.9 (99.3)	322.5 (94.5)	305.7 (89.6)	289.1 (84.7)	272.7 (79.9)	257.0 (75.3)	242.4 (71.1)	
	10 (-12.2)	298.7 (87.5)	284.3 (83.3)	270.1 (79.1)	256.2 (75.1)	243.2 (71.3)	231.2 (67.8)	220.7 (64.7)	

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

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °F      °C	CAPACITY MBH (KW)			R404A	R507	AMBIENT TEMPERATURE °F (°C)			
		85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)	115 (46.1)		
TVS016H8-A Compressor Model 3DSR17ME	45 (7.2)	231.5 (67.8)	221.6 (64.9)	211.7 (62)	202.0 (59.2)	192.4 (56.4)	182.9 (53.6)	173.5 (50.8)		
	40 (4.4)	212.9 (62.4)	203.8 (59.7)	194.8 (57.1)	185.9 (54.5)	177.2 (51.9)	168.5 (49.4)	159.9 (46.9)		
	35 (1.7)	195.3 (57.2)	187.0 (54.8)	178.8 (52.4)	170.7 (50)	162.7 (47.7)	154.8 (45.4)	147.0 (43.1)		
TVS021H8-A Compressor Model 4DANR18ME	45 (7.2)	250.7 (73.5)	239.3 (70.1)	227.8 (66.8)	216.4 (63.4)	205.0 (60.1)	193.8 (56.8)	182.8 (53.6)		
	40 (4.4)	231.8 (67.9)	221.1 (64.8)	210.4 (61.7)	199.6 (58.5)	189.0 (55.4)	178.6 (52.3)	168.3 (49.3)		
	35 (1.7)	213.3 (62.5)	203.4 (59.6)	193.4 (56.7)	183.4 (53.8)	173.5 (50.8)	163.8 (48)	154.3 (45.2)		
TVS023H8-A Compressor Model 4DBNR20ME	45 (7.2)	279.7 (82)	267.5 (78.4)	255.6 (74.9)	244.0 (71.5)	232.7 (68.2)	221.6 (64.9)	210.8 (61.8)		
	40 (4.4)	260.5 (76.3)	249.1 (73)	238.0 (69.8)	227.2 (66.6)	216.7 (63.5)	206.4 (60.5)	196.3 (57.5)		
	35 (1.7)	241.3 (70.7)	230.7 (67.6)	220.4 (64.6)	210.4 (61.7)	200.6 (58.8)	191.0 (56)	181.7 (53.3)		
TVS026H8-A Compressor Model 4DHNR22ME	45 (7.2)	310.7 (91.1)	297.1 (87.1)	283.9 (83.2)	271.1 (79.5)	258.7 (75.8)	246.6 (72.3)	234.7 (68.8)		
	40 (4.4)	288.9 (84.7)	276.3 (81)	264.0 (77.4)	252.1 (73.9)	240.5 (70.5)	229.2 (67.2)	218.2 (63.9)		
	35 (1.7)	267.2 (78.3)	255.5 (74.9)	244.1 (71.5)	233.0 (68.3)	222.3 (65.1)	211.8 (62.1)	201.6 (59.1)		
TVS031H8-A Compressor Model 4DJNR28ME	45 (7.2)	381.3 (111.7)	365.0 (107)	348.9 (102.3)	332.9 (97.6)	317.0 (92.9)	301.1 (88.2)	285.3 (83.6)		
	40 (4.4)	351.3 (103)	336.2 (98.5)	321.3 (94.2)	306.5 (89.8)	291.8 (85.5)	277.1 (81.2)	262.5 (76.9)		
	35 (1.7)	322.5 (94.5)	308.6 (90.4)	294.9 (86.4)	281.3 (82.4)	267.7 (78.5)	254.3 (74.5)	240.8 (70.6)		
TVS036H8-A Compressor Model 6DHNR35ME	45 (7.2)	487.6 (142.9)	467.3 (137)	447.0 (131)	426.7 (125.1)	406.2 (119)	385.7 (113)	365.1 (107)		
	40 (4.4)	447.0 (131)	428.5 (125.6)	409.9 (120.1)	391.3 (114.7)	372.6 (109.2)	353.8 (103.7)	335.0 (98.2)		
	35 (1.7)	408.7 (119.8)	391.8 (114.8)	374.9 (109.9)	357.9 (104.9)	340.9 (99.9)	323.7 (94.9)	306.6 (89.9)		
TVS041H8-A Compressor Model 6DJNR40ME	45 (7.2)	551.9 (161.7)	529.9 (155.3)	508.0 (148.9)	486.1 (142.5)	464.0 (136)	441.8 (129.5)	419.2 (122.9)		
	40 (4.4)	509.9 (149.4)	489.5 (143.5)	469.2 (137.5)	448.9 (131.6)	428.6 (125.6)	408.1 (119.6)	387.3 (113.5)		
	35 (1.7)	469.5 (137.6)	450.7 (132.1)	432.0 (126.6)	413.3 (121.1)	394.5 (115.6)	375.6 (110.1)	356.5 (104.5)		

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °F °C	CAPACITY MBH (KW)			R404A R507		AMBIENT TEMPERATURE °F (°C)		
		85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)	115 (46.1)	
TVS016M8-A  Compressor Model 3DS3R17ME	30 (-1.1)	178.5 (52.3)	171.0 (50.1)	163.6 (47.9)	156.3 (45.8)	149.1 (43.7)	141.9 (41.6)	134.9 (39.5)	
	25 (-3.9)	162.7 (47.7)	156.0 (45.7)	149.3 (43.8)	142.7 (41.8)	136.2 (39.9)	129.7 (38)	123.4 (36.2)	
	20 (-6.7)	147.8 (43.3)	141.8 (41.6)	135.8 (39.8)	129.9 (38.1)	124.0 (36.3)	118.3 (34.7)	112.6 (33)	
	15 (-9.4)	133.9 (39.2)	128.5 (37.7)	123.1 (36.1)	117.8 (34.5)	112.6 (33)	107.5 (31.5)	102.4 (30)	
	10 (-12.2)	120.9 (35.4)	116.0 (34)	111.3 (32.6)	106.6 (31.2)	101.9 (29.9)	97.3 (28.5)	92.8 (27.2)	
	5 (-15)	108.8 (31.9)	104.5 (30.6)	100.2 (29.4)	96.0 (28.1)	91.9 (26.9)	87.8 (25.7)	83.8 (24.6)	
	0 (-17.8)	97.5 (28.6)	93.7 (27.5)	89.9 (26.3)	86.2 (25.3)	82.5 (24.2)	78.9 (23.1)	75.3 (22.1)	
TVS021M8-A  Compressor Model 4DANR18ME	30 (-1.1)	195.5 (57.3)	186.3 (54.6)	177.0 (51.9)	167.7 (49.2)	158.5 (46.5)	149.5 (43.8)	140.7 (41.2)	
	25 (-3.9)	178.3 (52.3)	169.9 (49.8)	161.3 (47.3)	152.7 (44.8)	144.1 (42.2)	135.8 (39.8)	127.6 (37.4)	
	20 (-6.7)	161.9 (47.5)	154.1 (45.2)	146.2 (42.8)	138.2 (40.5)	130.4 (38.2)	122.6 (35.9)	115.2 (33.8)	
	15 (-9.4)	146.3 (42.9)	139.1 (40.8)	131.9 (38.7)	124.5 (36.5)	117.3 (34.4)	110.2 (32.3)	103.4 (30.3)	
	10 (-12.2)	131.5 (38.5)	125.0 (36.6)	118.3 (34.7)	111.6 (32.7)	105.0 (30.8)	98.5 (28.9)	92.3 (27.1)	
	5 (-15)	117.7 (34.5)	111.7 (32.7)	105.6 (30.9)	99.5 (29.2)	93.4 (27.4)	87.5 (25.6)	81.9 (24)	
	0 (-17.8)	104.8 (30.7)	99.4 (29.1)	93.9 (27.5)	88.3 (25.9)	82.8 (24.3)	77.4 (22.7)	72.3 (21.2)	
TVS023M8-A  Compressor Model 4DBNR20ME	30 (-1.1)	222.3 (65.1)	212.5 (62.3)	202.9 (59.5)	193.7 (56.8)	184.6 (54.1)	175.8 (51.5)	167.1 (49)	
	25 (-3.9)	203.5 (59.6)	194.5 (57)	185.8 (54.5)	177.2 (51.9)	168.9 (49.5)	160.7 (47.1)	152.7 (44.8)	
	20 (-6.7)	185.3 (54.3)	177.1 (51.9)	169.0 (49.5)	161.2 (47.2)	153.5 (45)	146.1 (42.8)	138.7 (40.6)	
	15 (-9.4)	167.8 (49.2)	160.3 (47)	152.9 (44.8)	145.8 (42.7)	138.8 (40.7)	132.0 (38.7)	125.3 (36.7)	
	10 (-12.2)	151.1 (44.3)	144.3 (42.3)	137.7 (40.4)	131.3 (38.5)	124.9 (36.6)	118.7 (34.8)	112.6 (33)	
	5 (-15)	135.5 (39.7)	129.4 (37.9)	123.5 (36.2)	117.7 (34.5)	112.0 (32.8)	106.4 (31.2)	100.9 (29.6)	
	0 (-17.8)	121.2 (35.5)	115.8 (33.9)	110.5 (32.4)	105.4 (30.9)	100.3 (29.4)	95.2 (27.9)	90.3 (26.5)	
TVS026M8-A  Compressor Model 4DHNR22ME	30 (-1.1)	245.7 (72)	234.9 (68.8)	224.4 (65.8)	214.2 (62.8)	204.2 (59.8)	194.6 (57)	185.1 (54.2)	
	25 (-3.9)	224.7 (65.9)	214.7 (62.9)	205.0 (60.1)	195.7 (57.4)	186.5 (54.7)	177.6 (52)	168.9 (49.5)	
	20 (-6.7)	204.2 (59.8)	195.1 (57.2)	186.3 (54.6)	177.7 (52.1)	169.4 (49.6)	161.2 (47.2)	153.2 (44.9)	
	15 (-9.4)	184.5 (54.1)	176.2 (51.6)	168.2 (49.3)	160.5 (47)	152.9 (44.8)	145.5 (42.6)	138.2 (40.5)	
	10 (-12.2)	165.8 (48.6)	158.4 (46.4)	151.2 (44.3)	144.2 (42.3)	137.4 (40.3)	130.7 (38.3)	124.1 (36.4)	
	5 (-15)	148.4 (43.5)	141.8 (41.6)	135.4 (39.7)	129.2 (37.9)	123.1 (36.1)	117.0 (34.3)	111.0 (32.5)	
	0 (-17.8)	132.3 (38.8)	126.5 (37.1)	120.9 (35.4)	115.4 (33.8)	110.1 (32.3)	104.7 (30.7)	99.3 (29.1)	
TVS031M8-A  Compressor Model 4DJNR28ME	30 (-1.1)	295.0 (86.5)	282.2 (82.7)	269.6 (79)	257.2 (75.4)	244.8 (71.7)	232.5 (68.1)	220.2 (64.5)	
	25 (-3.9)	268.7 (78.7)	257.1 (75.3)	245.6 (72)	234.2 (68.6)	223.0 (65.4)	211.8 (62.1)	200.6 (58.8)	
	20 (-6.7)	243.8 (71.5)	233.2 (68.3)	222.8 (65.3)	212.5 (62.3)	202.3 (59.3)	192.2 (56.3)	182.1 (53.4)	
	15 (-9.4)	220.2 (64.5)	210.7 (61.7)	201.3 (59)	192.0 (56.3)	182.8 (53.6)	173.7 (50.9)	164.7 (48.3)	
	10 (-12.2)	198.0 (58)	189.4 (55.5)	181.0 (53)	172.7 (50.6)	164.5 (48.2)	156.4 (45.8)	148.3 (43.5)	
	5 (-15)	177.2 (51.9)	169.6 (49.7)	162.1 (47.5)	154.7 (45.3)	147.4 (43.2)	140.3 (41.1)	133.1 (39)	
	0 (-17.8)	157.9 (46.3)	151.1 (44.3)	144.4 (42.3)	137.9 (40.4)	131.6 (38.6)	125.3 (36.7)	119.0 (34.9)	
TVS036M8-A  Compressor Model 6DHNR35ME	30 (-1.1)	372.6 (109.2)	357.3 (104.7)	341.9 (100.2)	326.4 (95.7)	311.0 (91.1)	295.4 (86.6)	279.8 (82)	
	25 (-3.9)	338.7 (99.3)	324.8 (95.2)	310.9 (91.1)	296.9 (87)	282.9 (82.9)	268.8 (78.8)	254.7 (74.6)	
	20 (-6.7)	307.1 (90)	294.5 (86.3)	281.9 (82.6)	269.2 (78.9)	256.5 (75.2)	243.8 (71.5)	231.1 (67.7)	
	15 (-9.4)	277.6 (81.4)	266.2 (78)	254.8 (74.7)	243.4 (71.3)	231.9 (68)	220.5 (64.6)	209.0 (61.3)	
	10 (-12.2)	250.2 (73.3)	239.9 (70.3)	229.6 (67.3)	219.3 (64.3)	208.9 (61.2)	198.6 (58.2)	188.3 (55.2)	
	5 (-15)	224.9 (65.9)	215.6 (63.2)	206.2 (60.4)	196.8 (57.7)	187.5 (55)	178.2 (52.2)	168.9 (49.5)	
	0 (-17.8)	201.7 (59.1)	193.1 (56.6)	184.5 (54.1)	176.0 (51.6)	167.6 (49.1)	159.1 (46.6)	150.7 (44.2)	
TVS041M8-A  Compressor Model 6DJNR40ME	30 (-1.1)	430.8 (126.3)	413.5 (121.2)	396.2 (116.1)	379.1 (111.1)	361.9 (106.1)	344.6 (101)	327.1 (95.9)	
	25 (-3.9)	393.9 (115.4)	377.9 (110.8)	362.2 (106.1)	346.5 (101.5)	330.8 (96.9)	315.0 (92.3)	299.0 (87.6)	
	20 (-6.7)	358.8 (105.2)	344.2 (100.9)	329.8 (96.7)	315.4 (92.4)	301.2 (88.3)	286.8 (84.1)	272.3 (79.8)	
	15 (-9.4)	325.7 (95.5)	312.3 (91.5)	299.1 (87.7)	286.1 (83.8)	273.2 (80.1)	260.2 (76.3)	247.0 (72.4)	
	10 (-12.2)	294.6 (86.3)	282.3 (82.7)	270.3 (79.2)	258.5 (75.8)	246.8 (72.3)	235.1 (68.9)	223.2 (65.4)	
	5 (-15)	265.4 (77.8)	254.2 (74.5)	243.3 (71.3)	232.6 (68.2)	222.1 (65.1)	211.6 (62)	201.0 (58.9)	
	0 (-17.8)	238.4 (69.9)	228.1 (66.8)	218.2 (63.9)	208.6 (61.1)	199.1 (58.4)	189.7 (55.6)	180.2 (52.8)	
TVS051M8-A  Compressor Model 6DUNR49ME	30 (-1.1)	506.6 (148.5)	487.3 (142.8)	467.7 (137.1)	447.9 (131.3)	427.9 (125.4)	407.8 (119.5)	387.5 (113.6)	
	25 (-3.9)	464.2 (136)	446.5 (130.9)	428.4 (125.6)	410.2 (120.2)	391.8 (114.8)	373.2 (109.4)	354.5 (103.9)	
	20 (-6.7)	423.2 (124)	406.9 (119.3)	390.3 (114.4)	373.6 (109.5)	356.6 (104.5)	339.5 (99.5)	322.3 (94.5)	
	15 (-9.4)	383.9 (112.5)	369.0 (108.1)	353.8 (103.7)	338.5 (99.2)	322.9 (94.6)	307.3 (90.1)	291.5 (85.4)	
	10 (-12.2)	346.8 (101.6)	333.3 (97.7)	319.4 (93.6)	305.4 (89.5)	291.2 (85.3)	276.9 (81.2)	262.5 (76.9)	
	5 (-15)	312.6 (91.6)	300.2 (88)	287.6 (84.3)	274.8 (80.5)	261.9 (76.8)	248.8 (72.9)	235.7 (69.1)	
	0 (-17.8)	281.6 (82.5)	270.3 (79.2)	258.9 (75.9)	247.2 (72.4)	235.5 (69)	223.6 (65.5)	211.7 (62)	

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)	
TVS011L6-A  Compressor Model 3DS3F46KE	0 (-17.8)	91.1 (26.7)	87.5 (25.6)	84.0 (24.6)	80.4 (23.6)	76.9 (22.5)	73.5 (21.5)	70.1 (20.5)	
	-5 (-20.6)	82.2 (24.1)	79.0 (23.2)	75.8 (22.2)	72.6 (21.3)	69.4 (20.3)	66.3 (19.4)	63.3 (18.6)	
	-10 (-23.3)	73.8 (21.6)	71.0 (20.8)	68.1 (20)	65.2 (19.1)	62.4 (18.3)	59.5 (17.4)	56.8 (16.6)	
	-15 (-26.1)	65.9 (19.3)	63.4 (18.6)	60.8 (17.8)	58.2 (17.1)	55.6 (16.3)	53.1 (15.6)	50.5 (14.8)	
	-20 (-28.9)	58.5 (17.1)	56.3 (16.5)	54.0 (15.8)	51.6 (15.1)	49.3 (14.4)	46.9 (13.7)	44.6 (13.1)	
	-25 (-31.7)	51.6 (15.1)	49.6 (14.5)	47.6 (14)	45.4 (13.3)	43.3 (12.7)	41.1 (12)	39.1 (11.5)	
	-30 (-34.4)	45.3 (13.3)	43.5 (12.7)	41.6 (12.2)	39.6 (11.6)	37.7 (11)	35.7 (10.5)	33.8 (9.9)	
	-35 (-37.2)	39.4 (11.5)	37.8 (11.1)	36.0 (10.6)	34.2 (10)	32.4 (9.5)	30.6 (9)	28.8 (8.4)	
TVS016L6-A  Compressor Model 4DHNF63KE	-40 (-40)	34.1 (10)	32.6 (9.6)	30.9 (9.1)	29.3 (8.6)	27.6 (8.1)	25.8 (7.6)	24.1 (7.1)	
	0 (-17.8)	126.4 (37)	121.4 (35.6)	116.7 (34.2)	112.1 (32.9)	107.5 (31.5)	102.9 (30.2)	98.2 (28.8)	
	-5 (-20.6)	113.8 (33.4)	109.2 (32)	104.9 (30.7)	100.8 (29.5)	96.7 (28.3)	92.5 (27.1)	88.1 (25.8)	
	-10 (-23.3)	102.2 (30)	98.1 (28.8)	94.2 (27.6)	90.5 (26.5)	86.8 (25.4)	83.0 (24.3)	78.9 (23.1)	
	-15 (-26.1)	91.6 (26.8)	87.9 (25.8)	84.4 (24.7)	81.0 (23.7)	77.7 (22.8)	74.2 (21.7)	70.5 (20.7)	
	-20 (-28.9)	81.7 (23.9)	78.4 (23)	75.3 (22.1)	72.3 (21.2)	69.3 (20.3)	66.2 (19.4)	62.7 (18.4)	
	-25 (-31.7)	72.6 (21.3)	69.6 (20.4)	66.8 (19.6)	64.1 (18.8)	61.4 (18)	58.5 (17.1)	55.4 (16.2)	
	-30 (-34.4)	63.8 (18.7)	61.2 (17.9)	58.7 (17.2)	56.3 (16.5)	53.9 (15.8)	51.2 (15)	48.3 (14.2)	
TVS023L6-A  Compressor Model 4DJNF76KE	-35 (-37.2)	55.5 (16.3)	53.1 (15.6)	50.9 (14.9)	48.7 (14.3)	46.5 (13.6)	44.0 (12.9)	41.3 (12.1)	
	-40 (-40)	47.2 (13.8)	45.1 (13.2)	43.1 (12.6)	41.2 (12.1)	39.1 (11.5)	36.8 (10.8)	34.2 (10)	
	0 (-17.8)	149.5 (43.8)	142.7 (41.8)	136.3 (39.9)	130.2 (38.2)	124.3 (36.4)	118.8 (34.8)	113.6 (33.3)	
	-5 (-20.6)	135.5 (39.7)	129.4 (37.9)	123.6 (36.2)	118.0 (34.6)	112.6 (33)	107.5 (31.5)	102.7 (30.1)	
	-10 (-23.3)	122.3 (35.8)	116.8 (34.2)	111.5 (32.7)	106.4 (31.2)	101.5 (29.7)	96.8 (28.4)	92.3 (27.1)	
	-15 (-26.1)	109.9 (32.2)	104.9 (30.7)	100.1 (29.3)	95.5 (28)	91.0 (26.7)	86.6 (25.4)	82.3 (24.1)	
	-20 (-28.9)	98.1 (28.8)	93.7 (27.5)	89.3 (26.2)	85.1 (24.9)	80.9 (23.7)	76.8 (22.5)	72.7 (21.3)	
	-25 (-31.7)	86.9 (25.5)	82.9 (24.3)	79.0 (23.2)	75.1 (22)	71.3 (20.9)	67.4 (19.8)	63.5 (18.6)	
TVS028L6-A  Compressor Model 6DHNF93KE	-30 (-34.4)	76.2 (22.3)	72.7 (21.3)	69.2 (20.3)	65.6 (19.2)	61.9 (18.1)	58.2 (17.1)	54.4 (15.9)	
	-35 (-37.2)	66.1 (19.4)	62.9 (18.4)	59.7 (17.5)	56.3 (16.5)	52.8 (15.5)	49.2 (14.4)	45.5 (13.3)	
	-40 (-40)	56.3 (16.5)	53.5 (15.7)	50.5 (14.8)	47.3 (13.9)	43.9 (12.9)	40.4 (11.8)	36.6 (10.7)	
	0 (-17.8)	187.0 (54.8)	179.5 (52.6)	172.2 (50.5)	165.0 (48.4)	157.8 (46.2)	150.6 (44.1)	- -	
	-5 (-20.6)	169.2 (49.6)	162.4 (47.6)	155.8 (45.7)	149.3 (43.8)	142.8 (41.9)	136.2 (39.9)	129.4 (37.9)	
	-10 (-23.3)	152.0 (44.5)	145.9 (42.8)	140.0 (41)	134.1 (39.3)	128.1 (37.5)	122.1 (35.8)	115.8 (33.9)	
	-15 (-26.1)	135.6 (39.7)	130.1 (38.1)	124.8 (36.6)	119.4 (35)	114.0 (33.4)	108.5 (31.8)	102.7 (30.1)	
	-20 (-28.9)	120.1 (35.2)	115.1 (33.7)	110.3 (32.3)	105.5 (30.9)	100.5 (29.5)	95.4 (28)	90.1 (26.4)	
TVS031L6-A  Compressor Model 6DJNF11ME	-25 (-31.7)	105.5 (30.9)	101.0 (29.6)	96.7 (28.3)	92.3 (27.1)	87.7 (25.7)	83.0 (24.3)	78.0 (22.9)	
	-30 (-34.4)	92.0 (27)	88.0 (25.8)	84.0 (24.6)	79.9 (23.4)	75.7 (22.2)	71.3 (20.9)	66.5 (19.5)	
	-35 (-37.2)	79.7 (23.4)	76.0 (22.3)	72.3 (21.2)	68.5 (20.1)	64.6 (18.9)	60.4 (17.7)	55.8 (16.4)	
	-40 (-40)	68.6 (20.1)	65.2 (19.1)	61.7 (18.1)	58.2 (17.1)	54.4 (15.9)	50.3 (14.7)	45.8 (13.4)	
	0 (-17.8)	206.3 (60.5)	197.2 (57.8)	188.3 (55.2)	179.6 (52.6)	171.0 (50.1)	162.6 (47.7)	---	
	-5 (-20.6)	186.4 (54.6)	178.3 (52.3)	170.2 (49.9)	162.3 (47.6)	154.6 (45.3)	147.0 (43.1)	---	
	-10 (-23.3)	167.5 (49.1)	160.2 (46.9)	153.1 (44.9)	145.9 (42.8)	139.0 (40.7)	132.1 (38.7)	125.5 (36.8)	
	-15 (-26.1)	149.7 (43.9)	143.2 (42)	136.8 (40.1)	130.4 (38.2)	124.1 (36.4)	117.9 (34.6)	111.9 (32.8)	
TVS041L6-A  Compressor Model 6DUNF13ME	-20 (-28.9)	133.0 (39)	127.2 (37.3)	121.4 (35.6)	115.7 (33.9)	109.9 (32.2)	104.3 (30.6)	98.8 (29)	
	-25 (-31.7)	117.4 (34.4)	112.2 (32.9)	107.0 (31.4)	101.8 (29.8)	96.5 (28.3)	91.4 (26.8)	86.3 (25.3)	
	-30 (-34.4)	102.9 (30.2)	98.3 (28.8)	93.5 (27.4)	88.7 (26)	83.9 (24.6)	79.1 (23.2)	74.3 (21.8)	
	-35 (-37.2)	89.6 (26.3)	85.3 (25)	80.9 (23.7)	76.4 (22.4)	71.9 (21.1)	67.4 (19.8)	62.8 (18.4)	
	-40 (-40)	77.3 (22.7)	73.4 (21.5)	69.2 (20.3)	64.9 (19)	60.6 (17.8)	56.2 (16.5)	51.8 (15.2)	
	0 (-17.8)	259.0 (75.9)	247.8 (72.6)	236.9 (69.4)	226.3 (66.3)	216.2 (63.4)	206.7 (60.6)	- -	
	-5 (-20.6)	233.9 (68.5)	223.2 (65.4)	212.8 (62.4)	202.7 (59.4)	193.0 (56.6)	183.7 (53.8)	- -	
	-10 (-23.3)	211.3 (61.9)	201.3 (59)	191.5 (56.1)	181.9 (53.3)	172.6 (50.6)	163.7 (48)	155.2 (45.5)	
TVS041L6-A  Compressor Model 6DUNF13ME	-15 (-26.1)	190.7 (55.9)	181.4 (53.2)	172.2 (50.5)	163.2 (47.8)	154.4 (45.3)	145.9 (42.8)	137.9 (40.4)	
	-20 (-28.9)	171.5 (50.3)	163.0 (47.8)	154.5 (45.3)	146.1 (42.8)	137.9 (40.4)	129.9 (38.1)	122.3 (35.8)	
	-25 (-31.7)	153.2 (44.9)	145.5 (42.6)	137.8 (40.4)	130.0 (38.1)	122.4 (35.9)	115.0 (33.7)	107.8 (31.6)	
	-30 (-34.4)	135.1 (39.6)	128.3 (37.6)	121.4 (35.6)	114.4 (33.5)	107.4 (31.5)	100.6 (29.5)	93.9 (27.5)	
	-35 (-37.2)	116.7 (34.2)	110.8 (32.5)	104.7 (30.7)	98.5 (28.9)	92.2 (27)	86.0 (25.2)	79.9 (23.4)	
	-40 (-40)	97.2 (28.5)	92.3 (27.1)	87.1 (25.5)	81.7 (23.9)	76.2 (22.3)	70.7 (20.7)	65.2 (19.1)	

**CAPACITY DATA - R404A | R507**  
**LOW TEMP. HIGH EFFICIENCY MODELS**  
**w/ 850RPM CONDENSER MOTOR(S)**
**60Hz**

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW)					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)	
TVS025D6-A  Compressor Model 3DS3F46KE	0 (-17.8)	187.8 (55)	178.6 (52.3)	169.6 (49.7)	160.4 (47)	151.2 (44.3)	142.2 (41.7)	133.2 (39)		
	-5 (-20.6)	168.0 (49.2)	159.8 (46.8)	151.4 (44.4)	143.2 (42)	135.0 (39.6)	126.8 (37.2)	118.4 (34.7)		
	-10 (-23.3)	149.4 (43.8)	142.0 (41.6)	134.6 (39.4)	127.0 (37.2)	119.6 (35.1)	112.2 (32.9)	104.8 (30.7)		
	-15 (-26.1)	132.2 (38.7)	125.4 (36.8)	118.8 (34.8)	112.0 (32.8)	105.4 (30.9)	98.6 (28.9)	92.0 (27)		
	-20 (-28.9)	116.0 (34)	110.0 (32.2)	104.0 (30.5)	98.0 (28.7)	92.0 (27)	86.0 (25.2)	80.0 (23.4)		
	-25 (-31.7)	101.2 (29.7)	95.8 (28.1)	90.4 (26.5)	85.0 (24.9)	79.6 (23.3)	74.2 (21.7)	69.0 (20.2)		
	-30 (-34.4)	87.4 (25.6)	82.6 (24.2)	77.8 (22.8)	73.0 (21.4)	68.2 (20)	63.4 (18.6)	58.6 (17.2)		
	-35 (-37.2)	74.6 (21.9)	70.4 (20.6)	66.0 (19.3)	61.8 (18.1)	57.4 (16.8)	53.2 (15.6)	49.0 (14.4)		
	-40 (-40)	63.0 (18.5)	59.2 (17.3)	55.2 (16.2)	51.4 (15.1)	47.6 (14)	43.8 (12.8)	40.0 (11.7)		
TVS031D6-A  Compressor Model 4DHNF63KE	0 (-17.8)	269.4 (79)	257.6 (75.5)	245.6 (72)	233.6 (68.5)	221.6 (64.9)	209.6 (61.4)	197.8 (58)		
	-5 (-20.6)	241.6 (70.8)	230.8 (67.6)	220.0 (64.5)	209.2 (61.3)	198.2 (58.1)	187.4 (54.9)	176.8 (51.8)		
	-10 (-23.3)	215.6 (63.2)	205.8 (60.3)	196.0 (57.4)	186.2 (54.6)	176.6 (51.8)	166.8 (48.9)	157.2 (46.1)		
	-15 (-26.1)	191.2 (56)	182.4 (53.5)	173.8 (50.9)	165.0 (48.4)	156.2 (45.8)	147.4 (43.2)	138.8 (40.7)		
	-20 (-28.9)	168.6 (49.4)	160.8 (47.1)	152.8 (44.8)	145.0 (42.5)	137.2 (40.2)	129.4 (37.9)	121.6 (35.6)		
	-25 (-31.7)	147.4 (43.2)	140.6 (41.2)	133.6 (39.2)	126.6 (37.1)	119.6 (35.1)	112.6 (33)	105.8 (31)		
	-30 (-34.4)	128.0 (37.5)	121.8 (35.7)	115.6 (33.9)	109.2 (32)	103.0 (30.2)	97.0 (28.4)	90.8 (26.6)		
	-35 (-37.2)	109.8 (32.2)	104.4 (30.6)	98.8 (29)	93.2 (27.3)	87.8 (25.7)	82.2 (24.1)	76.8 (22.5)		
	-40 (-40)	93.2 (27.3)	88.2 (25.8)	83.4 (24.4)	78.4 (23)	73.4 (21.5)	68.6 (20.1)	63.8 (18.7)		
TVS041D6-A  Compressor Model 4DJNF76KE	0 (-17.8)	306.4 (89.8)	292.8 (85.8)	279.2 (81.8)	265.8 (77.9)	252.2 (73.9)	238.6 (69.9)	225.2 (66)		
	-5 (-20.6)	275.8 (80.8)	263.6 (77.3)	251.4 (73.7)	239.2 (70.1)	227.0 (66.5)	214.8 (63)	202.6 (59.4)		
	-10 (-23.3)	247.0 (72.4)	236.2 (69.2)	225.2 (66)	214.2 (62.8)	203.2 (59.6)	192.2 (56.3)	181.4 (53.2)		
	-15 (-26.1)	220.0 (64.5)	210.4 (61.7)	200.6 (58.8)	190.6 (55.9)	180.8 (53)	171.2 (50.2)	161.4 (47.3)		
	-20 (-28.9)	194.8 (57.1)	186.2 (54.6)	177.4 (52)	168.8 (49.5)	160.0 (46.9)	151.2 (44.3)	142.6 (41.8)		
	-25 (-31.7)	171.2 (50.2)	163.6 (47.9)	155.8 (45.7)	148.2 (43.4)	140.4 (41.1)	132.8 (38.9)	125.0 (36.6)		
	-30 (-34.4)	149.4 (43.8)	142.6 (41.8)	135.8 (39.8)	129.0 (37.8)	122.0 (35.8)	115.4 (33.8)	108.6 (31.8)		
	-35 (-37.2)	129.0 (37.8)	123.0 (36)	117.0 (34.3)	111.0 (32.5)	105.0 (30.8)	99.0 (29)	93.0 (27.3)		
	-40 (-40)	110.2 (32.3)	105.0 (30.8)	99.6 (29.2)	94.2 (27.6)	88.8 (26)	83.6 (24.5)	78.4 (23)		
TVS051D6-A  Compressor Model 6DHNF93KE	0 (-17.8)	379.0 (111.1)	361.8 (106)	344.8 (101.1)	327.8 (96.1)	310.8 (91.1)	293.8 (86.1)	277.0 (81.2)		
	-5 (-20.6)	341.2 (100)	325.6 (95.4)	310.2 (90.9)	294.8 (86.4)	279.4 (81.9)	263.8 (77.3)	248.4 (72.8)		
	-10 (-23.3)	305.6 (89.6)	291.6 (85.5)	277.6 (81.4)	263.6 (77.3)	249.6 (73.2)	235.6 (69)	221.8 (65)		
	-15 (-26.1)	272.0 (79.7)	259.4 (76)	246.8 (72.3)	234.2 (68.6)	221.6 (64.9)	209.0 (61.3)	196.6 (57.6)		
	-20 (-28.9)	240.6 (70.5)	229.4 (67.2)	218.0 (63.9)	206.8 (60.6)	195.4 (57.3)	184.2 (54)	172.8 (50.6)		
	-25 (-31.7)	211.4 (62)	201.2 (59)	191.2 (56)	181.0 (53)	170.8 (50.1)	160.8 (47.1)	150.6 (44.1)		
	-30 (-34.4)	184.0 (53.9)	175.0 (51.3)	166.0 (48.6)	156.8 (46)	147.8 (43.3)	138.8 (40.7)	129.6 (38)		
	-35 (-37.2)	158.8 (46.5)	150.6 (44.1)	142.4 (41.7)	134.4 (39.4)	126.2 (37)	118.2 (34.6)	110.0 (32.2)		
	-40 (-40)	135.2 (39.6)	127.8 (37.5)	120.6 (35.3)	113.2 (33.2)	106.0 (31.1)	98.8 (29)	91.4 (26.8)		
TVS061D6-A  Compressor Model 6DJNF11ME	0 (-17.8)	432.4 (126.7)	413.4 (121.2)	394.4 (115.6)	375.4 (110)	356.4 (104.5)	337.2 (98.8)	317.8 (93.1)		
	-5 (-20.6)	391.8 (114.8)	374.8 (109.8)	357.6 (104.8)	340.4 (99.8)	323.2 (94.7)	305.8 (89.6)	288.4 (84.5)		
	-10 (-23.3)	353.4 (103.6)	338.0 (99.1)	322.6 (94.5)	307.2 (90)	291.6 (85.5)	276.0 (80.9)	260.2 (76.3)		
	-15 (-26.1)	316.8 (92.8)	303.2 (88.9)	289.4 (84.8)	275.6 (80.8)	261.6 (76.7)	247.6 (72.6)	233.4 (68.4)		
	-20 (-28.9)	282.4 (82.8)	270.2 (79.2)	258.0 (75.6)	245.6 (72)	233.2 (68.3)	220.6 (64.7)	207.8 (60.9)		
	-25 (-31.7)	250.2 (73.3)	239.2 (70.1)	228.4 (66.9)	217.4 (63.7)	206.2 (60.4)	195.0 (57.1)	183.6 (53.8)		
	-30 (-34.4)	219.8 (64.4)	210.2 (61.6)	200.4 (58.7)	190.6 (55.9)	180.8 (53)	170.8 (50.1)	160.6 (47.1)		
	-35 (-37.2)	191.6 (56.2)	182.8 (53.6)	174.2 (51.1)	165.6 (48.5)	156.6 (45.9)	147.8 (43.3)	138.6 (40.6)		
	-40 (-40)	165.2 (48.4)	157.4 (46.1)	149.6 (43.8)	141.8 (41.6)	133.8 (39.2)	125.8 (36.9)	117.6 (34.5)		

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °F      °C	CAPACITY MBH (KW)			R407A		AMBIENT TEMPERATURE °F (°C)		
		85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)	115 (46.1)	
<b>TVD031H8-A</b> Compressor 3DS3R17ME	45 (7.2)	<b>449.4</b> (131.7)	<b>432.2</b> (126.7)	<b>415.2</b> (121.7)	<b>398.4</b> (116.8)	<b>381.6</b> (111.8)	<b>365.2</b> (107)	<b>349.2</b> (102.3)	
	40 (4.4)	<b>410.8</b> (120.4)	<b>395.2</b> (115.8)	<b>379.8</b> (111.3)	<b>364.8</b> (106.9)	<b>349.8</b> (102.5)	<b>335.2</b> (98.2)	<b>320.4</b> (93.9)	
	35 (1.7)	<b>374.0</b> (109.6)	<b>360.2</b> (105.6)	<b>346.6</b> (101.6)	<b>332.8</b> (97.5)	<b>319.4</b> (93.6)	<b>306.0</b> (89.7)	<b>293.0</b> (85.9)	
<b>TVD041H8-A</b> Compressor 4DANR18ME	45 (7.2)	<b>509.4</b> (149.3)	<b>490.4</b> (143.7)	<b>471.0</b> (138)	<b>451.2</b> (132.2)	<b>430.6</b> (126.2)	<b>409.4</b> (120)	<b>387.6</b> (113.6)	
	40 (4.4)	<b>462.8</b> (135.6)	<b>445.6</b> (130.6)	<b>428.0</b> (125.4)	<b>409.8</b> (120.1)	<b>391.2</b> (114.6)	<b>372.0</b> (109)	<b>352.2</b> (103.2)	
	35 (1.7)	<b>419.2</b> (122.9)	<b>403.6</b> (118.3)	<b>387.8</b> (113.7)	<b>371.4</b> (108.8)	<b>354.8</b> (104)	<b>337.4</b> (98.9)	<b>319.4</b> (93.6)	
<b>TVD045H8-A</b> Compressor 4DBNR20ME	45 (7.2)	<b>576.4</b> (168.9)	<b>555.4</b> (162.8)	<b>534.6</b> (156.7)	<b>513.8</b> (150.6)	<b>493.0</b> (144.5)	<b>472.2</b> (138.4)	<b>451.6</b> (132.4)	
	40 (4.4)	<b>524.4</b> (153.7)	<b>505.2</b> (148.1)	<b>486.0</b> (142.4)	<b>466.8</b> (136.8)	<b>448.0</b> (131.3)	<b>428.8</b> (125.7)	<b>409.8</b> (120.1)	
	35 (1.7)	<b>475.6</b> (139.4)	<b>458.2</b> (134.3)	<b>440.8</b> (129.2)	<b>423.2</b> (124)	<b>405.8</b> (118.9)	<b>388.2</b> (113.8)	<b>370.8</b> (108.7)	
<b>TVD051H8-A</b> Compressor 4DHNR22ME	45 (7.2)	<b>646.6</b> (189.5)	<b>623.0</b> (182.6)	<b>599.2</b> (175.6)	<b>574.4</b> (168.3)	<b>549.6</b> (161.1)	<b>524.4</b> (153.7)	<b>499.2</b> (146.3)	
	40 (4.4)	<b>593.8</b> (174)	<b>572.0</b> (167.6)	<b>549.6</b> (161.1)	<b>526.6</b> (154.3)	<b>503.6</b> (147.6)	<b>480.2</b> (140.7)	<b>457.0</b> (133.9)	
	35 (1.7)	<b>542.0</b> (158.8)	<b>521.8</b> (152.9)	<b>501.0</b> (146.8)	<b>480.0</b> (140.7)	<b>458.6</b> (134.4)	<b>437.2</b> (128.1)	<b>415.6</b> (121.8)	
<b>TVD061H8-A</b> Compressor 4DJNR28ME	45 (7.2)	<b>756.2</b> (221.6)	<b>729.6</b> (213.8)	<b>702.2</b> (205.8)	<b>674.2</b> (197.6)	<b>645.2</b> (189.1)	<b>615.8</b> (180.5)	<b>585.4</b> (171.6)	
	40 (4.4)	<b>692.4</b> (202.9)	<b>667.6</b> (195.7)	<b>642.4</b> (188.3)	<b>616.4</b> (180.6)	<b>589.6</b> (172.8)	<b>562.4</b> (164.8)	<b>534.6</b> (156.7)	
	35 (1.7)	<b>631.0</b> (184.9)	<b>608.4</b> (178.3)	<b>584.8</b> (171.4)	<b>561.2</b> (164.5)	<b>536.6</b> (157.3)	<b>511.8</b> (150)	<b>486.6</b> (142.6)	
<b>TVD071H8-A</b> Compressor 6DHNR35ME	45 (7.2)	<b>931.0</b> (272.8)	<b>903.6</b> (264.8)	<b>875.4</b> (256.6)	<b>846.8</b> (248.2)	<b>816.6</b> (239.3)	<b>785.4</b> (230.2)	<b>752.4</b> (220.5)	
	40 (4.4)	<b>845.2</b> (247.7)	<b>819.8</b> (240.3)	<b>793.8</b> (232.6)	<b>767.0</b> (224.8)	<b>739.2</b> (216.6)	<b>710.2</b> (208.1)	<b>679.6</b> (199.2)	
	35 (1.7)	<b>768.0</b> (225.1)	<b>744.4</b> (218.2)	<b>720.6</b> (211.2)	<b>695.8</b> (203.9)	<b>670.2</b> (196.4)	<b>643.4</b> (188.6)	<b>615.4</b> (180.4)	
<b>TVD081H8-A</b> Compressor 6DJNR40ME	45 (7.2)	<b>1128.6</b> (330.8)	<b>1085.2</b> (318)	<b>1041.6</b> (305.3)	<b>997.2</b> (292.2)	<b>952.6</b> (279.2)	<b>907.4</b> (265.9)	<b>862.2</b> (252.7)	
	40 (4.4)	<b>1021.4</b> (299.3)	<b>983.8</b> (288.3)	<b>945.8</b> (277.2)	<b>907.0</b> (265.8)	<b>868.0</b> (254.4)	<b>828.4</b> (242.8)	<b>788.8</b> (231.2)	
	35 (1.7)	<b>925.0</b> (271.1)	<b>892.6</b> (261.6)	<b>859.4</b> (251.9)	<b>825.8</b> (242)	<b>791.4</b> (231.9)	<b>757.0</b> (221.9)	<b>722.2</b> (211.7)	

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

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °F      °C	CAPACITY MBH (kW)			R407A	AMBIENT TEMPERATURE °F (°C)			
		85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)	115 (46.1)	
TVD031M8-A  Compressor Model 3DS3R17ME	30 (-1.1)	339.2 (99.4)	326.8 (95.8)	314.6 (92.2)	302.4 (88.6)	290.2 (85.1)	278.3 (81.5)	265.7 (77.9)	
	25 (-3.9)	306.2 (89.7)	295.3 (86.5)	284.3 (83.3)	273.4 (80.1)	262.5 (76.9)	251.6 (73.7)	241.1 (70.7)	
	20 (-6.7)	275.5 (80.7)	265.7 (77.9)	255.8 (75)	245.9 (72.1)	236.0 (69.2)	226.2 (66.3)	216.3 (63.4)	
	15 (-9.4)	246.5 (72.3)	237.7 (69.7)	228.9 (67.1)	219.9 (64.4)	210.8 (61.8)	201.8 (59.1)	192.6 (56.4)	
	10 (-12.2)	219.9 (64.4)	211.9 (62.1)	203.7 (59.7)	195.5 (57.3)	187.1 (54.8)	178.5 (52.3)	169.9 (49.8)	
	5 (-15)	195.1 (57.2)	187.7 (55)	180.2 (52.8)	172.4 (50.5)	164.4 (48.2)	156.5 (45.9)	148.1 (43.4)	
	0 (-17.8)	172.4 (50.5)	165.5 (48.5)	158.3 (46.4)	150.8 (44.2)	143.2 (42)	135.2 (39.6)	127.1 (37.2)	
TVD044M8-A  Compressor Model 4DANR18ME	30 (-1.1)	378.6 (111)	364.6 (106.9)	350.4 (102.7)	335.8 (98.4)	320.8 (94)	305.2 (89.4)	289.2 (84.8)	
	25 (-3.9)	341.0 (99.9)	328.4 (96.2)	315.6 (92.5)	302.6 (88.7)	289.2 (84.8)	275.4 (80.7)	261.2 (76.5)	
	20 (-6.7)	306.0 (89.7)	294.8 (86.4)	283.4 (83.1)	271.8 (79.7)	260.0 (76.2)	247.8 (72.6)	235.2 (68.9)	
	15 (-9.4)	273.4 (80.1)	263.4 (77.2)	253.4 (74.3)	243.2 (71.3)	232.8 (68.2)	222.2 (65.1)	211.2 (61.9)	
	10 (-12.2)	243.2 (71.3)	234.2 (68.6)	225.4 (66.1)	216.4 (63.4)	207.4 (60.8)	198.2 (58.1)	188.8 (55.3)	
	5 (-15)	215.0 (63)	207.0 (60.7)	199.2 (58.4)	191.4 (56.1)	183.8 (53.9)	175.8 (51.5)	167.8 (49.2)	
	0 (-17.8)	188.6 (55.3)	181.6 (53.2)	174.8 (51.2)	168.0 (49.2)	161.4 (47.3)	154.6 (45.3)	147.8 (43.3)	
TVD045M8-A  Compressor Model 4DBNR20ME	30 (-1.1)	430.5 (126.2)	414.5 (121.5)	398.6 (116.8)	382.6 (112.1)	366.9 (107.5)	350.9 (102.8)	334.5 (98)	
	25 (-3.9)	388.3 (113.8)	373.8 (109.5)	359.5 (105.4)	345.0 (101.1)	330.8 (96.9)	316.3 (92.7)	301.4 (88.3)	
	20 (-6.7)	349.2 (102.3)	336.4 (98.6)	323.4 (94.8)	310.4 (91)	297.4 (87.1)	284.1 (83.3)	271.1 (79.5)	
	15 (-9.4)	313.3 (91.8)	301.6 (88.4)	290.0 (85)	278.3 (81.5)	266.5 (78.1)	254.5 (74.6)	242.1 (71)	
	10 (-12.2)	279.9 (82)	269.4 (79)	259.1 (75.9)	248.6 (72.9)	237.9 (69.7)	227.2 (66.6)	216.5 (63.5)	
	5 (-15)	249.3 (73.1)	239.8 (70.3)	230.6 (67.6)	221.1 (64.8)	211.7 (62)	202.0 (59.2)	192.4 (56.4)	
	0 (-17.8)	220.7 (64.7)	212.5 (62.3)	204.3 (59.9)	195.7 (57.4)	187.3 (54.9)	178.5 (52.3)	169.7 (49.7)	
TVD051M8-A  Compressor Model 4DHNR22ME	30 (-1.1)	491.6 (144.1)	473.1 (138.7)	454.0 (133.1)	434.5 (127.3)	415.0 (121.6)	395.2 (115.8)	375.5 (110)	
	25 (-3.9)	442.9 (129.8)	425.9 (124.8)	408.5 (119.7)	390.8 (114.5)	372.8 (109.2)	354.9 (104)	336.8 (98.7)	
	20 (-6.7)	396.3 (116.1)	380.9 (111.6)	365.2 (107)	349.0 (102.3)	332.9 (97.5)	316.7 (92.8)	300.9 (88.2)	
	15 (-9.4)	352.2 (103.2)	338.5 (99.2)	324.2 (95)	309.8 (90.8)	295.3 (86.5)	281.0 (82.3)	266.9 (78.2)	
	10 (-12.2)	311.2 (91.2)	298.8 (87.6)	286.2 (83.9)	273.4 (80.1)	260.6 (76.4)	248.2 (72.7)	236.0 (69.2)	
	5 (-15)	273.4 (80.1)	262.5 (76.9)	251.6 (73.7)	240.5 (70.5)	229.3 (67.2)	218.6 (64.1)	208.3 (61.1)	
	0 (-17.8)	239.4 (70.2)	230.2 (67.5)	220.5 (64.6)	211.1 (61.9)	201.6 (59.1)	192.8 (56.5)	184.2 (54)	
TVD061M8-A  Compressor Model 4DJNR28ME	30 (-1.1)	572.5 (167.8)	551.7 (161.7)	530.3 (155.4)	508.4 (149)	486.2 (142.5)	463.7 (135.9)	441.2 (129.3)	
	25 (-3.9)	516.8 (151.5)	497.7 (145.9)	478.2 (140.1)	458.4 (134.4)	438.5 (128.5)	418.1 (122.5)	397.1 (116.4)	
	20 (-6.7)	463.9 (136)	446.5 (130.8)	429.0 (125.7)	411.4 (120.6)	393.5 (115.3)	375.5 (110)	357.2 (104.7)	
	15 (-9.4)	414.1 (121.4)	398.4 (116.8)	382.8 (112.2)	367.1 (107.6)	351.5 (103)	335.8 (98.4)	320.3 (93.9)	
	10 (-12.2)	367.3 (107.6)	353.4 (103.6)	339.6 (99.5)	325.9 (95.5)	312.5 (91.6)	299.3 (87.7)	286.0 (83.8)	
	5 (-15)	323.6 (94.8)	311.6 (91.3)	299.7 (87.8)	287.9 (84.4)	276.6 (81.1)	265.7 (77.9)	254.9 (74.7)	
	0 (-17.8)	283.5 (83.1)	273.0 (80)	262.9 (77.1)	253.3 (74.2)	244.0 (71.5)	235.4 (69)	227.2 (66.6)	
TVD071M8-A  Compressor Model 6DHNR35ME	30 (-1.1)	698.3 (204.6)	676.6 (198.3)	654.6 (191.8)	632.1 (185.2)	608.6 (178.4)	584.2 (171.2)	558.4 (163.6)	
	25 (-3.9)	634.8 (186)	615.1 (180.3)	595.1 (174.4)	574.8 (168.4)	553.4 (162.2)	531.3 (155.7)	507.8 (148.8)	
	20 (-6.7)	576.7 (169)	558.8 (163.8)	541.0 (158.5)	522.5 (153.1)	503.6 (147.6)	483.6 (141.7)	462.4 (135.5)	
	15 (-9.4)	522.5 (153.1)	506.5 (148.4)	490.8 (143.8)	474.4 (139)	457.6 (134.1)	440.0 (128.9)	421.3 (123.5)	
	10 (-12.2)	471.2 (138.1)	457.4 (134)	443.5 (130)	429.5 (125.9)	414.8 (121.6)	399.4 (117.1)	383.3 (112.3)	
	5 (-15)	421.5 (123.5)	409.7 (120.1)	398.0 (116.6)	386.0 (113.1)	373.8 (109.5)	360.8 (105.7)	346.9 (101.7)	
	0 (-17.8)	372.3 (109.1)	362.5 (106.2)	352.8 (103.4)	343.1 (100.6)	333.3 (97.7)	322.6 (94.5)	311.2 (91.2)	
TVD081M8-A  Compressor Model 6DJNR40ME	30 (-1.1)	838.3 (245.7)	810.2 (237.4)	781.4 (229)	752.0 (220.4)	722.2 (211.7)	691.7 (202.7)	661.1 (193.7)	
	25 (-3.9)	760.0 (222.7)	735.4 (215.5)	710.4 (208.2)	684.6 (200.6)	658.1 (192.9)	631.5 (185.1)	604.4 (177.1)	
	20 (-6.7)	688.8 (201.9)	667.2 (195.5)	644.9 (189)	621.8 (182.2)	598.3 (175.3)	574.1 (168.3)	549.8 (161.1)	
	15 (-9.4)	623.3 (182.7)	603.5 (176.9)	583.4 (171)	562.4 (164.8)	540.8 (158.5)	518.7 (152)	496.2 (145.4)	
	10 (-12.2)	561.5 (164.6)	543.3 (159.2)	524.0 (153.6)	504.2 (147.8)	483.8 (141.8)	462.8 (135.6)	441.6 (129.4)	
	5 (-15)	502.1 (147.2)	484.1 (141.9)	465.4 (136.4)	445.8 (130.7)	425.7 (124.8)	405.1 (118.7)	384.3 (112.6)	
	0 (-17.8)	443.1 (129.9)	424.6 (124.4)	405.5 (118.8)	385.6 (113)	365.0 (107)	344.0 (100.8)	322.6 (94.5)	
TVD101M8-A  Compressor Model 6DUNR49ME	30 (-1.1)	976.7 (286.2)	945.6 (277.1)	914.8 (268.1)	883.9 (259)	852.8 (249.9)	821.3 (240.7)	789.2 (231.3)	
	25 (-3.9)	888.9 (260.5)	861.2 (252.4)	833.3 (244.2)	805.4 (236)	776.8 (227.7)	747.6 (219.1)	717.8 (210.4)	
	20 (-6.7)	806.0 (236.2)	780.8 (228.8)	755.6 (221.4)	730.0 (213.9)	703.5 (206.2)	676.2 (198.2)	647.9 (189.9)	
	15 (-9.4)	727.4 (213.2)	704.8 (206.5)	681.5 (199.7)	657.5 (192.7)	632.7 (185.4)	606.7 (177.8)	579.6 (169.9)	
	10 (-12.2)	653.3 (191.5)	632.3 (185.3)	610.5 (178.9)	587.8 (172.3)	564.1 (165.3)	539.1 (158)	512.6 (150.2)	
	5 (-15)	583.4 (171)	563.4 (165.1)	542.6 (159)	520.8 (152.6)	497.5 (145.8)	472.9 (138.6)	446.5 (130.8)	
	0 (-17.8)	517.2 (151.6)	498.1 (146)	477.8 (140)	456.1 (133.7)	432.8 (126.8)	407.8 (119.5)	381.2 (111.7)	

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

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE	CAPACITY MBH (KW)					<b>R407A</b>	AMBIENT TEMPERATURE °F (°C)			
		85 °F (29.4)	90 (32.2)	95 (35)	100 (37.8)	105 (40.6)		110 (43.3)	115 (46.1)		
TVD021L8-A  Compressor Model 3DS3F46KE	0 (-17.8)	164.2 (48.1)	158.1 (46.3)	151.8 (44.5)	145.5 (42.7)	139.0 (40.7)	132.3 (38.8)	---	---		
	-5 (-20.6)	145.5 (42.7)	139.7 (40.9)	134.0 (39.3)	127.9 (37.5)	121.8 (35.7)	115.7 (33.9)	---	---		
	-10 (-23.3)	128.3 (37.6)	122.9 (36)	117.6 (34.5)	111.9 (32.8)	106.3 (31.1)	100.6 (29.5)	94.7 (27.8)			
	-15 (-26.1)	112.6 (33)	107.5 (31.5)	102.5 (30)	97.4 (28.6)	92.2 (27)	86.7 (25.4)	81.3 (23.8)			
	-20 (-28.9)	98.1 (28.7)	93.5 (27.4)	88.8 (26)	84.0 (24.6)	79.2 (23.2)	74.1 (21.7)	69.3 (20.3)			
	-25 (-31.7)	84.6 (24.8)	80.2 (23.5)	76.0 (22.3)	71.6 (21)	67.2 (19.7)	62.6 (18.3)	58.0 (17)			
	-30 (-34.4)	72.0 (21.1)	68.0 (19.9)	64.1 (18.8)	59.9 (17.5)	55.9 (16.4)	51.9 (15.2)	47.7 (14)			
	-35 (-37.2)	59.9 (17.5)	56.1 (16.4)	52.5 (15.4)	48.9 (14.3)	45.2 (13.2)	41.6 (12.2)	37.8 (11.1)			
TVD031L8-A  Compressor Model 4DHNF63KE	-40 (-40)	48.1 (14.1)	44.7 (13.1)	41.4 (12.1)	38.0 (11.1)	34.9 (10.2)	31.5 (9.2)	28.4 (8.3)			
	0 (-17.8)	230.4 (67.5)	221.1 (64.8)	211.7 (62)	202.2 (59.3)	193.0 (56.6)	183.5 (53.8)	174.1 (51)			
	-5 (-20.6)	205.4 (60.2)	197.2 (57.8)	188.8 (55.3)	180.2 (52.8)	171.8 (50.3)	163.2 (47.8)	154.6 (45.3)			
	-10 (-23.3)	182.1 (53.4)	174.7 (51.2)	167.2 (49)	159.4 (46.7)	151.8 (44.5)	144.1 (42.2)	136.3 (39.9)			
	-15 (-26.1)	160.2 (47)	153.5 (45)	146.8 (43)	139.9 (41)	132.9 (39)	125.8 (36.9)	118.7 (34.8)			
	-20 (-28.9)	139.9 (41)	133.8 (39.2)	127.7 (37.4)	121.4 (35.6)	115.1 (33.7)	108.8 (31.9)	102.3 (30)			
	-25 (-31.7)	120.8 (35.4)	115.5 (33.8)	110.0 (32.2)	104.4 (30.6)	98.5 (28.9)	92.8 (27.2)	86.7 (25.4)			
	-30 (-34.4)	103.3 (30.3)	98.5 (28.9)	93.7 (27.4)	88.4 (25.9)	83.2 (24.4)	77.7 (22.8)	72.5 (21.2)			
TVD045L8-A  Compressor Model 4DJNF76KE	-35 (-37.2)	87.4 (25.6)	83.2 (24.4)	78.5 (23)	73.7 (21.6)	68.9 (20.2)	64.1 (18.8)	58.8 (17.2)			
	-40 (-40)	73.1 (21.4)	69.1 (20.2)	64.9 (19)	60.5 (17.7)	55.9 (16.4)	51.2 (15)	46.4 (13.6)			
	0 (-17.8)	287.7 (84.3)	276.6 (81.1)	265.2 (77.7)	253.7 (74.3)	241.9 (70.9)	230.0 (67.4)	---	---		
	-5 (-20.6)	254.5 (74.6)	244.2 (71.6)	233.5 (68.4)	222.8 (65.3)	211.9 (62.1)	200.8 (58.8)	---	---		
	-10 (-23.3)	223.7 (65.5)	214.2 (62.8)	204.3 (59.9)	194.5 (57)	184.4 (54)	174.1 (51)	163.6 (47.9)			
	-15 (-26.1)	195.3 (57.2)	186.7 (54.7)	177.7 (52.1)	168.8 (49.5)	159.6 (46.8)	150.2 (44)	140.5 (41.2)			
	-20 (-28.9)	169.5 (49.7)	161.7 (47.4)	153.7 (45.1)	145.7 (42.7)	137.3 (40.3)	128.9 (37.8)	120.3 (35.3)			
	-25 (-31.7)	146.2 (42.8)	139.4 (40.9)	132.5 (38.8)	125.4 (36.7)	118.2 (34.6)	110.7 (32.4)	103.1 (30.2)			
TVD055L8-A  Compressor Model 6DHNF93KE	-30 (-34.4)	125.8 (36.9)	120.1 (35.2)	114.0 (33.4)	108.2 (31.7)	101.9 (29.8)	95.3 (27.9)	88.8 (26)			
	-35 (-37.2)	108.4 (31.8)	103.5 (30.3)	98.7 (28.9)	93.9 (27.5)	88.6 (26)	83.4 (24.4)	77.7 (22.8)			
	-40 (-40)	93.9 (27.5)	90.3 (26.5)	86.5 (25.4)	82.7 (24.2)	78.8 (23.1)	74.6 (21.8)	70.1 (20.6)			
	0 (-17.8)	344.8 (101.1)	332.0 (97.3)	318.2 (93.2)	303.9 (89.1)	288.5 (84.6)	272.6 (79.9)	---	---		
	-5 (-20.6)	300.1 (87.9)	288.5 (84.6)	276.4 (81)	263.6 (77.2)	249.9 (73.2)	235.4 (69)	---	---		
	-10 (-23.3)	261.9 (76.7)	251.6 (73.7)	240.7 (70.5)	229.1 (67.1)	216.7 (63.5)	203.7 (59.7)	190.1 (55.7)			
	-15 (-26.1)	229.1 (67.1)	219.9 (64.4)	210.0 (61.5)	199.3 (58.4)	188.2 (55.1)	176.2 (51.6)	163.8 (48)			
	-20 (-28.9)	200.8 (58.8)	192.2 (56.3)	182.9 (53.6)	173.3 (50.8)	162.8 (47.7)	151.8 (44.5)	140.3 (41.1)			
TVD061L8-A  Compressor Model 6DJNF11ME	-25 (-31.7)	175.1 (51.3)	167.0 (48.9)	158.3 (46.4)	149.1 (43.7)	139.4 (40.9)	129.4 (37.9)	118.7 (34.8)			
	-30 (-34.4)	151.2 (44.3)	143.2 (42)	134.8 (39.5)	126.2 (37)	117.0 (34.3)	107.1 (31.4)	97.0 (28.4)			
	-35 (-37.2)	127.5 (37.4)	119.5 (35)	111.3 (32.6)	102.7 (30.1)	93.7 (27.4)	84.2 (24.7)	74.3 (21.8)			
	-40 (-40)	102.7 (30.1)	94.5 (27.7)	86.1 (25.2)	77.5 (22.7)	68.5 (20.1)	59.0 (17.3)	49.6 (14.5)			
	0 (-17.8)	401.3 (117.6)	385.8 (113.1)	369.8 (108.4)	353.4 (103.6)	336.4 (98.6)	---	---	---		
	-5 (-20.6)	355.7 (104.3)	341.7 (100.1)	327.2 (95.9)	312.1 (91.5)	296.3 (86.8)	279.9 (82)	---	---		
	-10 (-23.3)	314.2 (92.1)	301.4 (88.3)	288.1 (84.4)	274.3 (80.4)	259.6 (76.1)	244.4 (71.6)	---	---		
	-15 (-26.1)	275.9 (80.9)	264.4 (77.5)	252.0 (73.9)	239.2 (70.1)	225.8 (66.2)	211.5 (62)	---	---		
TVD081L8-A  Compressor Model 6DUNF13ME	-20 (-28.9)	240.7 (70.5)	230.0 (67.4)	218.6 (64.1)	206.6 (60.6)	194.0 (56.9)	180.8 (53)	166.5 (48.8)			
	-25 (-31.7)	207.5 (60.8)	197.6 (57.9)	187.1 (54.8)	176.0 (51.6)	164.0 (48.1)	151.4 (44.4)	138.0 (40.4)			
	-30 (-34.4)	176.0 (51.6)	166.7 (48.9)	156.9 (46)	146.4 (42.9)	135.2 (39.6)	123.1 (36.1)	110.0 (32.2)			
	-35 (-37.2)	145.5 (42.7)	136.9 (40.1)	127.5 (37.4)	117.4 (34.4)	106.7 (31.3)	94.9 (27.8)	82.5 (24.2)			
	-40 (-40)	115.7 (33.9)	107.3 (31.4)	98.3 (28.8)	88.6 (26)	78.1 (22.9)	66.6 (19.5)	54.4 (15.9)			
	0 (-17.8)	461.4 (135.2)	445.6 (130.6)	429.9 (126)	413.7 (121.2)	397.5 (116.5)	381.2 (111.7)	---	---		
	-5 (-20.6)	414.3 (121.4)	399.8 (117.2)	385.4 (112.9)	370.7 (108.6)	355.5 (104.2)	340.0 (99.6)	---	---		
	-10 (-23.3)	368.6 (108)	355.3 (104.1)	341.9 (100.2)	328.0 (96.1)	313.7 (91.9)	299.0 (87.6)	---	---		
TVD081L8-A  Compressor Model 6DUNF13ME	-15 (-26.1)	324.2 (95)	312.1 (91.5)	299.5 (87.8)	286.7 (84)	273.2 (80.1)	258.9 (75.9)	244.2 (71.6)			
	-20 (-28.9)	282.2 (82.7)	270.9 (79.4)	259.1 (75.9)	247.0 (72.4)	233.9 (68.6)	220.3 (64.6)	205.8 (60.3)			
	-25 (-31.7)	243.0 (71.2)	232.3 (68.1)	221.1 (64.8)	209.4 (61.4)	197.0 (57.7)	183.5 (53.8)	169.3 (49.6)			
	-30 (-34.4)	207.1 (60.7)	197.0 (57.7)	186.3 (54.6)	174.7 (51.2)	162.3 (47.6)	149.1 (43.7)	135.0 (39.6)			
	-35 (-37.2)	175.1 (51.3)	165.3 (48.4)	154.8 (45.4)	143.2 (42)	131.0 (38.4)	117.8 (34.5)	103.3 (30.3)			
	-40 (-40)	147.4 (43.2)	137.8 (40.4)	127.1 (37.2)	115.7 (33.9)	103.3 (30.3)	89.7 (26.3)	75.2 (22)			

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

**CAPACITY DATA - R407A**  
**LOW TEMP. HIGH EFFICIENCY MODELS**  
**w/ 850RPM CONDENSER MOTOR(S)**
**60Hz**

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) R407A						AMBIENT TEMPERATURE °F (°C)		
	°F	°C	85 (29.4)	90 (32.2)	95 (35)	100 (37.8)	105 (40.6)	110 (43.3)	115 (46.1)		
TVS021D8-A  Compressor Model 3DS3F46KE	0 (-17.8)	161.6 (47.4)	155.4 (45.5)	149.2 (43.7)	142.8 (41.9)	136.2 (39.9)	129.6 (38)	- -	- -		
	-5 (-20.6)	143.2 (42)	137.4 (40.3)	131.6 (38.6)	125.6 (36.8)	119.6 (35.1)	113.4 (33.2)	- -	- -		
	-10 (-23.3)	126.4 (37)	121.0 (35.5)	115.6 (33.9)	110.0 (32.2)	104.4 (30.6)	98.6 (28.9)	- -	- -		
	-15 (-26.1)	111.0 (32.5)	106.0 (31.1)	100.8 (29.5)	95.6 (28)	90.4 (26.5)	85.2 (25)	79.6 (23.3)			
	-20 (-28.9)	96.6 (28.3)	92.0 (27)	87.4 (25.6)	82.6 (24.2)	77.8 (22.8)	72.8 (21.3)	67.8 (19.9)			
	-25 (-31.7)	83.4 (24.4)	79.2 (23.2)	74.8 (21.9)	70.4 (20.6)	66.0 (19.3)	61.4 (18)	57.0 (16.7)			
	-30 (-34.4)	71.0 (20.8)	67.0 (19.6)	63.0 (18.5)	59.0 (17.3)	55.0 (16.1)	50.8 (14.9)	46.8 (13.7)			
	-35 (-37.2)	59.0 (17.3)	55.4 (16.2)	51.8 (15.2)	48.0 (14.1)	44.4 (13)	40.8 (12)	37.0 (10.8)			
TVS031D8-A  Compressor Model 4DHNF63KE	-40 (-40)	47.4 (13.9)	44.0 (12.9)	40.8 (12)	37.6 (11)	34.2 (10)	31.0 (9.1)	27.6 (8.1)			
	0 (-17.8)	227.6 (66.7)	218.2 (63.9)	209.0 (61.3)	199.6 (58.5)	190.2 (55.7)	181.0 (53)	- -	- -		
	-5 (-20.6)	203.2 (59.6)	194.8 (57.1)	186.4 (54.6)	178.0 (52.2)	169.6 (49.7)	161.0 (47.2)	152.6 (44.7)			
	-10 (-23.3)	180.2 (52.8)	172.8 (50.6)	165.2 (48.4)	157.6 (46.2)	149.8 (43.9)	142.2 (41.7)	134.4 (39.4)			
	-15 (-26.1)	158.6 (46.5)	152.0 (44.5)	145.2 (42.6)	138.2 (40.5)	131.4 (38.5)	124.2 (36.4)	117.2 (34.3)			
	-20 (-28.9)	138.6 (40.6)	132.6 (38.9)	126.4 (37)	120.2 (35.2)	113.8 (33.4)	107.4 (31.5)	101.0 (29.6)			
	-25 (-31.7)	119.8 (35.1)	114.4 (33.5)	109.0 (31.9)	103.2 (30.2)	97.6 (28.6)	91.6 (26.8)	85.8 (25.1)			
	-30 (-34.4)	102.6 (30.1)	97.8 (28.7)	92.8 (27.2)	87.6 (25.7)	82.2 (24.1)	77.0 (22.6)	71.4 (20.9)			
TVS045D8-A  Compressor Model 4DJNF76KE	-35 (-37.2)	86.8 (25.4)	82.4 (24.1)	77.8 (22.8)	73.0 (21.4)	68.2 (20)	63.2 (18.5)	58.2 (17.1)			
	-40 (-40)	72.4 (21.2)	68.4 (20)	64.2 (18.8)	59.8 (17.5)	55.2 (16.2)	50.6 (14.8)	45.8 (13.4)			
	0 (-17.8)	283.8 (83.2)	272.6 (79.9)	261.2 (76.5)	249.6 (73.2)	237.8 (69.7)	226.0 (66.2)	- -	- -		
	-5 (-20.6)	251.2 (73.6)	240.8 (70.6)	230.2 (67.5)	219.4 (64.3)	208.6 (61.1)	197.4 (57.9)	- -	- -		
	-10 (-23.3)	220.8 (64.7)	211.2 (61.9)	201.6 (59.1)	191.6 (56.2)	181.6 (53.2)	171.4 (50.2)	- -	- -		
	-15 (-26.1)	193.0 (56.6)	184.2 (54)	175.4 (51.4)	166.4 (48.8)	157.2 (46.1)	147.8 (43.3)	138.2 (40.5)			
	-20 (-28.9)	167.6 (49.1)	159.8 (46.8)	151.8 (44.5)	143.8 (42.1)	135.6 (39.7)	127.0 (37.2)	118.4 (34.7)			
	-25 (-31.7)	144.8 (42.4)	138.0 (40.4)	131.0 (38.4)	123.8 (36.3)	116.6 (34.2)	109.2 (32)	101.6 (29.8)			
TVS055D8-A  Compressor Model 6DHNF93KE	-30 (-34.4)	124.6 (36.5)	118.8 (34.8)	113.0 (33.1)	106.8 (31.3)	100.6 (29.5)	94.2 (27.6)	87.6 (25.7)			
	-35 (-37.2)	107.4 (31.5)	102.8 (30.1)	97.8 (28.7)	93.0 (27.3)	87.8 (25.7)	82.4 (24.1)	76.8 (22.5)			
	-40 (-40)	93.2 (27.3)	89.6 (26.3)	86.0 (25.2)	82.0 (24)	78.0 (22.9)	73.8 (21.6)	69.4 (20.3)			
	0 (-17.8)	338.8 (99.3)	325.6 (95.4)	311.8 (91.4)	297.2 (87.1)	281.6 (82.5)	- -	- -	- -		
	-5 (-20.6)	295.2 (86.5)	283.6 (83.1)	271.2 (79.5)	258.0 (75.6)	244.2 (71.6)	229.6 (67.3)	- -	- -		
	-10 (-23.3)	258.0 (75.6)	247.6 (72.6)	236.4 (69.3)	224.6 (65.8)	212.2 (62.2)	199.0 (58.3)	- -	- -		
	-15 (-26.1)	226.0 (66.2)	216.6 (63.5)	206.4 (60.5)	195.8 (57.4)	184.4 (54)	172.4 (50.5)	159.8 (46.8)			
	-20 (-28.9)	198.0 (58)	189.2 (55.4)	180.0 (52.8)	170.2 (49.9)	159.6 (46.8)	148.6 (43.6)	137.0 (40.2)			
TVS061D8-A  Compressor Model 6DJNF11ME	-25 (-31.7)	172.8 (50.6)	164.6 (48.2)	155.8 (45.7)	146.6 (43)	136.8 (40.1)	126.6 (37.1)	115.8 (33.9)			
	-30 (-34.4)	149.2 (43.7)	141.2 (41.4)	132.8 (38.9)	123.8 (36.3)	114.6 (33.6)	104.8 (30.7)	94.6 (27.7)			
	-35 (-37.2)	125.6 (36.8)	117.6 (34.5)	109.4 (32.1)	100.6 (29.5)	91.6 (26.8)	82.2 (24.1)	72.4 (21.2)			
	-40 (-40)	101.0 (29.6)	92.8 (27.2)	84.4 (24.7)	75.8 (22.2)	66.8 (19.6)	57.6 (16.9)	48.0 (14.1)			
	0 (-17.8)	392.8 (115.1)	377.2 (110.5)	361.2 (105.9)	344.6 (101)	327.4 (96)	- -	- -	- -		
	-5 (-20.6)	348.8 (102.2)	334.6 (98.1)	320.0 (93.8)	304.8 (89.3)	289.0 (84.7)	- -	- -	- -		
	-10 (-23.3)	308.4 (90.4)	295.6 (86.6)	282.0 (82.6)	268.0 (78.5)	253.4 (74.3)	238.0 (69.8)	- -	- -		
	-15 (-26.1)	271.2 (79.5)	259.4 (76)	247.0 (72.4)	234.2 (68.6)	220.4 (64.6)	206.2 (60.4)	- -	- -		

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**

**60Hz**

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °F °C	CAPACITY MBH (KW)						R448A	R449A	AMBIENT TEMPERATURE °F (°C)
		85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)			
<b>TVD031H8-A</b> Compressor 3DS3R17ME	45 (7.2)	<b>461.2</b> (135.2)	<b>444.0</b> (130.1)	<b>426.6</b> (125)	<b>409.6</b> (120)	<b>392.4</b> (115)	<b>375.4</b> (110)	<b>358.8</b> (105.2)	<b>331.0</b> (97)	<b>303.8</b> (89)
	40 (4.4)	<b>423.2</b> (124)	<b>407.6</b> (119.5)	<b>392.0</b> (114.9)	<b>376.6</b> (110.4)	<b>361.2</b> (105.9)	<b>346.0</b> (101.4)	<b>321.4</b> (93)	<b>303.8</b> (89)	
	35 (1.7)	<b>386.4</b> (113.2)	<b>372.6</b> (109.2)	<b>358.6</b> (105.1)	<b>344.8</b> (101.1)	<b>331.0</b> (97)				
<b>TVD041H8-A</b> Compressor 4DANR18ME	45 (7.2)	<b>512.8</b> (150.3)	<b>494.2</b> (144.8)	<b>475.2</b> (139.3)	<b>455.2</b> (133.4)	<b>434.6</b> (127.4)	<b>413.2</b> (121.1)	---	---	
	40 (4.4)	<b>467.6</b> (137)	<b>450.8</b> (132.1)	<b>433.4</b> (127)	<b>415.4</b> (121.7)	<b>396.8</b> (116.3)	<b>377.4</b> (110.6)	---	---	
	35 (1.7)	<b>425.2</b> (124.6)	<b>410.0</b> (120.2)	<b>394.2</b> (115.5)	<b>378.0</b> (110.8)	<b>361.2</b> (105.9)	<b>343.8</b> (100.8)	<b>325.6</b> (95.4)		
<b>TVD045H8-A</b> Compressor 4DBNR20ME	45 (7.2)	<b>581.0</b> (170.3)	<b>560.4</b> (164.2)	<b>540.0</b> (158.3)	<b>519.2</b> (152.2)	<b>498.2</b> (146)	<b>477.4</b> (139.9)	---	---	
	40 (4.4)	<b>530.4</b> (155.4)	<b>511.8</b> (150)	<b>492.8</b> (144.4)	<b>473.8</b> (138.9)	<b>454.6</b> (133.2)	<b>435.4</b> (127.6)	---	---	
	35 (1.7)	<b>483.0</b> (141.6)	<b>465.8</b> (136.5)	<b>448.6</b> (131.5)	<b>431.2</b> (126.4)	<b>413.8</b> (121.3)	<b>396.0</b> (116.1)	<b>378.4</b> (110.9)		
<b>TVD051H8-A</b> Compressor 4DHNR22ME	45 (7.2)	<b>655.0</b> (192)	<b>632.2</b> (185.3)	<b>609.2</b> (178.5)	<b>586.2</b> (171.8)	<b>562.8</b> (164.9)	<b>539.4</b> (158.1)	<b>516.0</b> (151.2)		
	40 (4.4)	<b>597.0</b> (175)	<b>576.0</b> (168.8)	<b>555.0</b> (162.7)	<b>533.8</b> (156.4)	<b>512.6</b> (150.2)	<b>491.2</b> (144)	<b>469.8</b> (137.7)		
	35 (1.7)	<b>542.6</b> (159)	<b>523.6</b> (153.5)	<b>504.4</b> (147.8)	<b>485.2</b> (142.2)	<b>465.8</b> (136.5)	<b>446.2</b> (130.8)	<b>426.6</b> (125)		
<b>TVD061H8-A</b> Compressor 4DJNR28ME	45 (7.2)	<b>758.6</b> (222.3)	<b>733.2</b> (214.9)	<b>706.8</b> (207.1)	<b>679.8</b> (199.2)	<b>651.6</b> (191)	<b>622.6</b> (182.5)	<b>592.8</b> (173.7)		
	40 (4.4)	<b>697.2</b> (204.3)	<b>673.6</b> (197.4)	<b>649.6</b> (190.4)	<b>624.6</b> (183.1)	<b>598.6</b> (175.4)	<b>571.8</b> (167.6)	<b>544.4</b> (159.5)		
	35 (1.7)	<b>638.4</b> (187.1)	<b>616.8</b> (180.8)	<b>594.8</b> (174.3)	<b>571.6</b> (167.5)	<b>547.6</b> (160.5)	<b>523.2</b> (153.3)	<b>498.0</b> (145.9)		
<b>TVD071H8-A</b> Compressor 6DHNR35ME	45 (7.2)	<b>930.4</b> (272.7)	<b>898.8</b> (263.4)	<b>867.6</b> (254.3)	<b>836.2</b> (245.1)	<b>805.2</b> (236)	<b>774.0</b> (226.8)	<b>743.0</b> (217.8)		
	40 (4.4)	<b>856.6</b> (251)	<b>828.4</b> (242.8)	<b>800.4</b> (234.6)	<b>772.2</b> (226.3)	<b>744.0</b> (218)	<b>716.2</b> (209.9)	<b>688.0</b> (201.6)		
	35 (1.7)	<b>784.8</b> (230)	<b>759.6</b> (222.6)	<b>734.4</b> (215.2)	<b>709.2</b> (207.8)	<b>684.0</b> (200.5)	<b>658.8</b> (193.1)	<b>633.6</b> (185.7)		
<b>TVD081H8-A</b> Compressor 6DJNR40ME	45 (7.2)	<b>1102.2</b> (323)	<b>1065.0</b> (312.1)	<b>1027.6</b> (301.2)	<b>990.4</b> (290.3)	<b>953.4</b> (279.4)	<b>916.2</b> (268.5)	<b>879.2</b> (257.7)		
	40 (4.4)	<b>1015.6</b> (297.6)	<b>982.0</b> (287.8)	<b>948.4</b> (277.9)	<b>914.8</b> (268.1)	<b>881.4</b> (258.3)	<b>848.0</b> (248.5)	<b>814.6</b> (238.7)		
	35 (1.7)	<b>930.8</b> (272.8)	<b>900.4</b> (263.9)	<b>870.4</b> (255.1)	<b>840.4</b> (246.3)	<b>810.4</b> (237.5)	<b>780.4</b> (228.7)	<b>750.2</b> (219.9)		

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

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °F °C	CAPACITY MBH (KW)			R448A	R449A	AMBIENT TEMPERATURE °F (°C)		
		85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)	115 (46.1)	
TVD031M8-A  Compressor Model 3DSR17ME	30 (-1.1)	351.5 (103)	339.2 (99.4)	326.8 (95.8)	314.4 (92.1)	302.0 (88.5)	289.8 (84.9)	277.6 (81.4)	
	25 (-3.9)	318.2 (93.2)	307.2 (90)	296.1 (86.8)	285.0 (83.5)	274.1 (80.3)	262.9 (77.1)	252.2 (73.9)	
	20 (-6.7)	286.9 (84.1)	277.0 (81.2)	267.1 (78.3)	257.0 (75.3)	247.2 (72.4)	237.3 (69.5)	227.4 (66.7)	
	15 (-9.4)	257.3 (75.4)	248.4 (72.8)	239.6 (70.2)	230.6 (67.6)	221.6 (64.9)	212.7 (62.3)	203.7 (59.7)	
	10 (-12.2)	229.5 (67.3)	221.8 (65)	213.8 (62.7)	205.6 (60.3)	197.4 (57.9)	189.2 (55.5)	180.8 (53)	
	5 (-15)	204.1 (59.8)	196.8 (57.7)	189.4 (55.5)	182.1 (53.4)	174.3 (51.1)	166.7 (48.9)	159.0 (46.6)	
	0 (-17.8)	180.6 (52.9)	173.9 (51)	167.0 (48.9)	160.0 (46.9)	152.9 (44.8)	145.5 (42.7)	138.2 (40.5)	
TVD041M8-A  Compressor Model 4DANR18ME	30 (-1.1)	378.6 (111)	364.6 (106.9)	350.4 (102.7)	335.8 (98.4)	320.8 (94)	305.2 (89.4)	289.2 (84.8)	
	25 (-3.9)	341.0 (99.9)	328.4 (96.2)	315.6 (92.5)	302.6 (88.7)	289.2 (84.8)	275.4 (80.7)	261.2 (76.5)	
	20 (-6.7)	306.0 (89.7)	294.8 (86.4)	283.4 (83.1)	271.8 (79.7)	260.0 (76.2)	247.8 (72.6)	235.2 (68.9)	
	15 (-9.4)	273.4 (80.1)	263.4 (77.2)	253.4 (74.3)	243.2 (71.3)	232.8 (68.2)	222.2 (65.1)	211.2 (61.9)	
	10 (-12.2)	243.2 (71.3)	234.2 (68.6)	225.4 (66.1)	216.4 (63.4)	207.4 (60.8)	198.2 (58.1)	188.8 (55.3)	
	5 (-15)	215.0 (63)	207.0 (60.7)	199.2 (58.4)	191.4 (56.1)	183.8 (53.9)	175.8 (51.5)	167.8 (49.2)	
	0 (-17.8)	188.6 (55.3)	181.6 (53.2)	174.8 (51.2)	168.0 (49.2)	161.4 (47.3)	154.6 (45.3)	147.8 (43.3)	
TVD045M8-A  Compressor Model 4DBNR20ME	30 (-1.1)	438.5 (128.5)	422.9 (124)	407.2 (119.3)	391.2 (114.7)	375.5 (110)	359.3 (105.3)	343.1 (100.6)	
	25 (-3.9)	396.7 (116.3)	382.6 (112.1)	368.3 (107.9)	354.1 (103.8)	339.6 (99.5)	325.1 (95.3)	310.2 (90.9)	
	20 (-6.7)	357.8 (104.9)	345.2 (101.2)	332.4 (97.4)	319.4 (93.6)	306.2 (89.7)	293.0 (85.9)	279.5 (81.9)	
	15 (-9.4)	321.5 (94.2)	310.2 (90.9)	298.6 (87.5)	287.1 (84.1)	275.1 (80.6)	263.1 (77.1)	251.0 (73.5)	
	10 (-12.2)	287.9 (84.4)	277.8 (81.4)	267.3 (78.3)	256.8 (75.3)	246.3 (72.2)	235.4 (69)	224.5 (65.8)	
	5 (-15)	256.6 (75.2)	247.6 (72.6)	238.4 (69.9)	228.9 (67.1)	219.2 (64.3)	209.6 (61.4)	199.5 (58.5)	
	0 (-17.8)	227.6 (66.7)	219.5 (64.3)	211.3 (61.9)	202.9 (59.5)	194.0 (56.9)	185.2 (54.3)	176.2 (51.6)	
TVD051M8-A  Compressor Model 4DHNR22ME	30 (-1.1)	491.6 (144.1)	474.4 (139)	457.2 (134)	439.5 (128.8)	421.9 (123.6)	404.0 (118.4)	386.2 (113.2)	
	25 (-3.9)	444.2 (130.2)	428.6 (125.6)	413.1 (121.1)	397.1 (116.4)	381.2 (111.7)	365.0 (107)	348.8 (102.2)	
	20 (-6.7)	400.1 (117.2)	386.2 (113.2)	372.1 (109.1)	357.6 (104.8)	343.4 (100.6)	328.7 (96.3)	314.0 (92)	
	15 (-9.4)	359.1 (105.2)	346.7 (101.6)	333.9 (97.9)	321.1 (94.1)	308.1 (90.3)	294.8 (86.4)	281.4 (82.5)	
	10 (-12.2)	321.1 (94.1)	310.0 (90.8)	298.6 (87.5)	287.1 (84.1)	275.3 (80.7)	263.3 (77.2)	251.4 (73.7)	
	5 (-15)	286.0 (83.8)	275.9 (80.9)	265.9 (77.9)	255.6 (74.9)	244.9 (71.8)	234.2 (68.6)	223.2 (65.4)	
	0 (-17.8)	253.5 (74.3)	244.4 (71.6)	235.4 (69)	226.2 (66.3)	216.7 (63.5)	206.9 (60.6)	197.0 (57.7)	
TVD061M8-A  Compressor Model 4DJNR28ME	30 (-1.1)	582.1 (170.6)	562.6 (164.9)	542.2 (158.9)	521.0 (152.7)	499.2 (146.3)	476.7 (139.7)	453.4 (132.9)	
	25 (-3.9)	528.6 (154.9)	510.7 (149.7)	492.0 (144.2)	472.7 (138.5)	452.8 (132.7)	432.4 (126.7)	411.2 (120.5)	
	20 (-6.7)	477.5 (140)	461.2 (135.2)	444.2 (130.2)	426.7 (125.1)	408.7 (119.8)	390.0 (114.3)	370.7 (108.6)	
	15 (-9.4)	429.0 (125.7)	414.1 (121.4)	398.8 (116.9)	382.8 (112.2)	366.5 (107.4)	349.4 (102.4)	332.0 (97.3)	
	10 (-12.2)	382.8 (112.2)	369.4 (108.3)	355.3 (104.1)	341.0 (99.9)	326.1 (95.6)	311.0 (91.1)	295.3 (86.5)	
	5 (-15)	338.9 (99.3)	326.8 (95.8)	314.2 (92.1)	301.1 (88.3)	287.9 (84.4)	274.3 (80.4)	260.2 (76.3)	
	0 (-17.8)	297.4 (87.1)	286.2 (83.9)	274.9 (80.6)	263.3 (77.2)	251.4 (73.7)	239.2 (70.1)	226.8 (66.5)	
TVD071M8-A  Compressor Model 6DHNR35ME	30 (-1.1)	715.3 (209.6)	692.6 (203)	670.1 (196.4)	647.6 (189.8)	625.2 (183.2)	602.5 (176.6)	579.8 (169.9)	
	25 (-3.9)	648.3 (190)	628.3 (184.1)	608.2 (178.2)	588.0 (172.3)	567.8 (166.4)	547.5 (160.4)	527.1 (154.5)	
	20 (-6.7)	584.4 (171.3)	566.6 (166)	548.7 (160.8)	530.7 (155.5)	512.6 (150.2)	494.3 (144.9)	476.1 (139.5)	
	15 (-9.4)	524.0 (153.6)	508.0 (148.9)	492.0 (144.2)	476.1 (139.5)	459.9 (134.8)	443.5 (130)	426.7 (125.1)	
	10 (-12.2)	467.5 (137)	453.2 (132.8)	438.9 (128.6)	424.4 (124.4)	409.9 (120.1)	395.0 (115.8)	379.9 (111.3)	
	5 (-15)	415.2 (121.7)	402.4 (117.9)	389.3 (114.1)	376.3 (110.3)	362.9 (106.3)	349.4 (102.4)	335.4 (98.3)	
	0 (-17.8)	367.7 (107.8)	356.0 (104.3)	344.0 (100.8)	332.0 (97.3)	319.6 (93.7)	307.0 (90)	294.0 (86.2)	
TVD081M8-A  Compressor Model 6DJNR40ME	30 (-1.1)	848.4 (248.6)	821.3 (240.7)	794.4 (232.8)	767.6 (224.9)	740.7 (217.1)	713.8 (209.2)	686.7 (201.3)	
	25 (-3.9)	768.8 (225.3)	744.9 (218.3)	720.9 (211.3)	696.8 (204.2)	672.8 (197.2)	648.7 (190.1)	624.5 (183)	
	20 (-6.7)	693.0 (203.1)	671.6 (196.8)	650.2 (190.5)	629.0 (184.3)	607.3 (178)	585.7 (171.6)	564.1 (165.3)	
	15 (-9.4)	621.2 (182)	602.1 (176.4)	583.2 (170.9)	564.1 (165.3)	544.7 (159.6)	525.4 (154)	505.7 (148.2)	
	10 (-12.2)	554.0 (162.4)	537.0 (157.4)	520.0 (152.4)	502.7 (147.3)	485.5 (142.3)	468.1 (137.2)	450.2 (132)	
	5 (-15)	491.8 (144.1)	476.7 (139.7)	461.4 (135.2)	445.8 (130.7)	430.1 (126)	414.1 (121.4)	398.0 (116.6)	
	0 (-17.8)	435.5 (127.6)	421.7 (123.6)	407.6 (119.5)	393.5 (115.3)	379.1 (111.1)	364.4 (106.8)	349.4 (102.4)	
TVD101M8-A  Compressor Model 6DUNR49ME	30 (-1.1)	997.7 (292.4)	966.0 (283.1)	934.3 (273.8)	902.6 (264.5)	870.7 (255.2)	838.5 (245.7)	806.2 (236.3)	
	25 (-3.9)	906.6 (265.7)	878.2 (257.4)	849.9 (249.1)	821.5 (240.8)	792.8 (232.3)	764.0 (223.9)	734.6 (215.3)	
	20 (-6.7)	819.2 (240.1)	794.0 (232.7)	768.6 (225.3)	743.0 (217.7)	717.2 (210.2)	691.1 (202.5)	664.7 (194.8)	
	15 (-9.4)	736.1 (215.7)	713.6 (209.1)	690.9 (202.5)	667.8 (195.7)	644.5 (188.9)	620.8 (181.9)	596.6 (174.8)	
	10 (-12.2)	657.9 (192.8)	637.8 (186.9)	617.2 (180.9)	596.4 (174.8)	575.2 (168.6)	553.6 (162.2)	531.3 (155.7)	
	5 (-15)	585.3 (171.5)	567.0 (166.2)	548.3 (160.7)	529.2 (155.1)	509.7 (149.4)	489.7 (143.5)	468.9 (137.4)	
	0 (-17.8)	518.7 (152)	501.9 (147.1)	484.5 (142)	466.8 (136.8)	448.6 (131.5)	429.9 (126)	410.3 (120.3)	

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

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW)		R448A	R449A	AMBIENT TEMPERATURE °F (°C)			
	°F	°C	85 (29.4)	90 (32.2)	95 (35)	100 (37.8)	105 (40.6)	110 (43.3)	115 (46.1)	
TVD021L8-A Compressor Model 3DS3F46KE	-5 (-20.6)	154.1 (45.2)	147.8 (43.3)	141.3 (41.4)	134.8 (39.5)	128.3 (37.6)	121.6 (35.6)	114.9 (33.7)		
	-10 (-23.3)	135.0 (39.6)	129.4 (37.9)	123.5 (36.2)	117.6 (34.5)	111.5 (32.7)	105.4 (30.9)	99.1 (29)		
	-15 (-26.1)	118.0 (34.6)	112.8 (33)	107.3 (31.4)	101.9 (29.8)	96.2 (28.2)	90.5 (26.5)	84.6 (24.8)		
	-20 (-28.9)	102.5 (30)	97.7 (28.6)	92.6 (27.1)	87.6 (25.7)	82.1 (24.1)	76.9 (22.5)	71.4 (20.9)		
	-25 (-31.7)	88.6 (26)	84.0 (24.6)	79.4 (23.3)	74.3 (21.8)	69.5 (20.4)	64.5 (18.9)	59.2 (17.4)		
	-30 (-34.4)	76.0 (22.3)	71.6 (21)	67.2 (19.7)	62.6 (18.3)	57.8 (16.9)	52.9 (15.5)	48.1 (14.1)		
	-35 (-37.2)	64.5 (18.9)	60.3 (17.7)	55.9 (16.4)	51.5 (15.1)	46.8 (13.7)	42.2 (12.4)	37.4 (11)		
	-40 (-40)	53.8 (15.8)	49.8 (14.6)	45.6 (13.4)	41.2 (12.1)	36.8 (10.8)	32.1 (9.4)	27.3 (8)		
TVD031L8-A Compressor Model 4DHNF63KE	-5 (-20.6)	211.3 (61.9)	202.9 (59.5)	194.5 (57)	186.1 (54.5)	177.5 (52)	168.8 (49.5)	160.2 (47)		
	-10 (-23.3)	187.7 (55)	180.2 (52.8)	172.6 (50.6)	164.9 (48.3)	156.9 (46)	149.1 (43.7)	141.3 (41.4)		
	-15 (-26.1)	165.9 (48.6)	159.0 (46.6)	152.0 (44.6)	144.9 (42.5)	137.8 (40.4)	130.4 (38.2)	123.3 (36.1)		
	-20 (-28.9)	145.5 (42.7)	139.2 (40.8)	132.9 (39)	126.2 (37)	119.5 (35)	112.8 (33)	106.1 (31.1)		
	-25 (-31.7)	126.4 (37)	120.8 (35.4)	114.7 (33.6)	108.6 (31.8)	102.3 (30)	95.8 (28.1)	89.5 (26.2)		
	-30 (-34.4)	108.8 (31.9)	103.3 (30.3)	97.4 (28.6)	91.6 (26.8)	85.7 (25.1)	79.4 (23.3)	73.3 (21.5)		
	-35 (-37.2)	92.0 (27)	86.5 (25.4)	81.1 (23.8)	75.4 (22.1)	69.5 (20.4)	63.4 (18.6)	57.3 (16.8)		
	-40 (-40)	75.8 (22.2)	70.8 (20.7)	65.3 (19.1)	59.6 (17.5)	53.8 (15.8)	47.7 (14)	41.6 (12.2)		
TVD045L8-A Compressor Model 4DJNF76KE	-5 (-20.6)	260.4 (76.3)	250.1 (73.3)	239.4 (70.2)	228.9 (67.1)	218.0 (63.9)	207.1 (60.7)	196.1 (57.5)		
	-10 (-23.3)	230.0 (67.4)	220.3 (64.6)	210.4 (61.7)	200.6 (58.8)	190.5 (55.8)	180.2 (52.8)	169.9 (49.8)		
	-15 (-26.1)	202.2 (59.3)	193.4 (56.7)	184.2 (54)	174.9 (51.3)	165.5 (48.5)	156.0 (45.7)	146.4 (42.9)		
	-20 (-28.9)	177.2 (51.9)	168.8 (49.5)	160.4 (47)	151.6 (44.4)	142.8 (41.9)	133.8 (39.2)	124.7 (36.6)		
	-25 (-31.7)	153.9 (45.1)	146.2 (42.8)	138.2 (40.5)	130.0 (38.1)	121.8 (35.7)	113.2 (33.2)	104.6 (30.6)		
	-30 (-34.4)	132.3 (38.8)	125.0 (36.6)	117.4 (34.4)	109.6 (32.1)	101.6 (29.8)	93.7 (27.4)	85.3 (25)		
	-35 (-37.2)	111.3 (32.6)	104.6 (30.6)	97.4 (28.6)	89.9 (26.3)	82.3 (24.1)	74.6 (21.8)	66.6 (19.5)		
	-40 (-40)	90.7 (26.6)	84.2 (24.7)	77.5 (22.7)	70.4 (20.6)	63.0 (18.5)	55.7 (16.3)	47.9 (14)		
TVD055L8-A Compressor Model 6DHNF93KE	-5 (-20.6)	311.6 (91.3)	300.1 (87.9)	287.9 (84.4)	275.1 (80.6)	261.9 (76.7)	248.0 (72.7)	233.3 (68.4)		
	-10 (-23.3)	274.9 (80.6)	264.2 (77.4)	253.1 (74.2)	241.3 (70.7)	229.1 (67.1)	216.1 (63.3)	202.4 (59.3)		
	-15 (-26.1)	241.3 (70.7)	231.4 (67.8)	221.1 (64.8)	210.4 (61.7)	198.9 (58.3)	186.7 (54.7)	174.1 (51)		
	-20 (-28.9)	210.2 (61.6)	201.4 (59)	191.7 (56.2)	181.7 (53.2)	170.9 (50.1)	159.6 (46.8)	147.4 (43.2)		
	-25 (-31.7)	181.9 (53.3)	173.5 (50.8)	164.6 (48.3)	155.0 (45.4)	144.9 (42.5)	134.2 (39.3)	122.6 (35.9)		
	-30 (-34.4)	155.4 (45.5)	147.4 (43.2)	139.0 (40.7)	130.0 (38.1)	120.3 (35.3)	110.0 (32.2)	99.1 (29)		
	-35 (-37.2)	130.6 (38.3)	123.1 (36.1)	115.1 (33.7)	106.3 (31.1)	97.0 (28.4)	86.9 (25.5)	76.2 (22.3)		
	-40 (-40)	107.1 (31.4)	99.8 (29.2)	92.0 (27)	83.6 (24.5)	74.3 (21.8)	64.5 (18.9)	54.0 (15.8)		
TVD061L8-A Compressor Model 6DJNF11ME	-5 (-20.6)	367.7 (107.8)	353.4 (103.6)	338.5 (99.2)	323.2 (94.7)	306.8 (89.9)	290.0 (85)	272.4 (79.8)		
	-10 (-23.3)	324.9 (95.2)	311.9 (91.4)	298.2 (87.4)	283.9 (83.2)	268.8 (78.8)	253.1 (74.2)	236.5 (69.3)		
	-15 (-26.1)	285.6 (83.7)	273.4 (80.1)	260.8 (76.4)	247.6 (72.6)	233.5 (68.4)	218.8 (64.1)	203.3 (59.6)		
	-20 (-28.9)	249.3 (73.1)	238.1 (69.8)	226.4 (66.3)	214.0 (62.7)	200.8 (58.8)	186.9 (54.8)	172.2 (50.5)		
	-25 (-31.7)	215.7 (63.2)	205.4 (60.2)	194.3 (56.9)	182.5 (53.5)	170.1 (49.9)	156.9 (46)	142.8 (41.9)		
	-30 (-34.4)	184.2 (54)	174.5 (51.1)	164.0 (48.1)	152.9 (44.8)	140.9 (41.3)	128.1 (37.5)	114.7 (33.6)		
	-35 (-37.2)	154.4 (45.2)	145.1 (42.5)	135.0 (39.6)	124.3 (36.4)	112.8 (33)	100.4 (29.4)	87.2 (25.5)		
	-40 (-40)	125.8 (36.9)	116.8 (34.2)	106.9 (31.3)	96.4 (28.2)	85.1 (24.9)	72.9 (21.4)	59.9 (17.5)		
TVD081L8-A Compressor Model 6DUNF13ME	-5 (-20.6)	428.6 (125.6)	414.1 (121.4)	399.2 (117)	384.3 (112.6)	368.8 (108.1)	352.6 (103.3)	336.0 (98.5)		
	-10 (-23.3)	381.2 (111.7)	367.7 (107.8)	354.1 (103.8)	340.0 (99.6)	325.3 (95.3)	310.0 (90.8)	294.0 (86.2)		
	-15 (-26.1)	335.6 (98.3)	323.2 (94.7)	310.2 (90.9)	296.9 (87)	282.9 (82.9)	268.2 (78.6)	252.8 (74.1)		
	-20 (-28.9)	292.5 (85.7)	280.8 (82.3)	268.6 (78.7)	255.8 (75)	242.3 (71)	228.1 (66.8)	213.2 (62.5)		
	-25 (-31.7)	252.8 (74.1)	241.7 (70.8)	230.0 (67.4)	217.6 (63.8)	204.3 (59.9)	190.5 (55.8)	175.6 (51.5)		
	-30 (-34.4)	217.1 (63.6)	206.4 (60.5)	194.9 (57.1)	182.7 (53.5)	169.7 (49.7)	155.6 (45.6)	140.9 (41.3)		
	-35 (-37.2)	186.1 (54.5)	175.6 (51.5)	164.2 (48.1)	152.0 (44.6)	138.8 (40.7)	124.7 (36.6)	109.8 (32.2)		
	-40 (-40)	160.7 (47.1)	149.9 (43.9)	138.4 (40.6)	126.0 (36.9)	112.6 (33)	98.3 (28.8)	82.7 (24.2)		

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

**CAPACITY DATA - R448A R449A**  
**LOW TEMP. HIGH EFFICIENCY MODELS**  
**w/ 850RPM CONDENSER MOTOR(S)**
**60Hz**

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE	CAPACITY MBH (KW)						R448A			R449A			AMBIENT TEMPERATURE °F (°C)	
		85 (29.4)	90 (32.2)	95 (35)	100 (37.8)	105 (40.6)	110 (43.3)	115 (46.1)							
TVS021D8-A  Compressor Model 3DS3F46KE	-5 (-20.6)	151.4 (44.4)	145.2 (42.6)	138.8 (40.7)	132.2 (38.7)	125.8 (36.9)	119.2 (34.9)	112.4 (32.9)							
	-10 (-23.3)	133.0 (39)	127.2 (37.3)	121.4 (35.6)	115.4 (33.8)	109.2 (32)	103.2 (30.2)	97.0 (28.4)							
	-15 (-26.1)	116.2 (34.1)	110.8 (32.5)	105.4 (30.9)	100.0 (29.3)	94.4 (27.7)	88.6 (26)	82.8 (24.3)							
	-20 (-28.9)	101.0 (29.6)	96.0 (28.1)	91.0 (26.7)	85.8 (25.1)	80.6 (23.6)	75.4 (22.1)	70.0 (20.5)							
	-25 (-31.7)	87.2 (25.6)	82.6 (24.2)	78.0 (22.9)	73.0 (21.4)	68.2 (20)	63.0 (18.5)	58.0 (17)							
	-30 (-34.4)	74.8 (21.9)	70.4 (20.6)	66.0 (19.3)	61.4 (18)	56.6 (16.6)	51.8 (15.2)	46.8 (13.7)							
	-35 (-37.2)	63.4 (18.6)	59.2 (17.3)	55.0 (16.1)	50.4 (14.8)	45.8 (13.4)	41.2 (12.1)	36.4 (10.7)							
	-40 (-40)	53.0 (15.5)	48.8 (14.3)	44.6 (13.1)	40.2 (11.8)	35.8 (10.5)	31.2 (9.1)	26.6 (7.8)							
TVS031D8-A  Compressor Model 4DHNF63KE	-5 (-20.6)	209.0 (61.3)	200.6 (58.8)	192.2 (56.3)	183.6 (53.8)	175.2 (51.3)	166.6 (48.8)	158.2 (46.4)							
	-10 (-23.3)	185.8 (54.5)	178.2 (52.2)	170.6 (50)	162.8 (47.7)	155.0 (45.4)	147.2 (43.1)	139.4 (40.9)							
	-15 (-26.1)	164.2 (48.1)	157.4 (46.1)	150.4 (44.1)	143.4 (42)	136.2 (39.9)	128.8 (37.7)	121.8 (35.7)							
	-20 (-28.9)	144.2 (42.3)	137.8 (40.4)	131.4 (38.5)	124.8 (36.6)	118.2 (34.6)	111.4 (32.6)	104.8 (30.7)							
	-25 (-31.7)	125.4 (36.8)	119.6 (35.1)	113.6 (33.3)	107.4 (31.5)	101.0 (29.6)	94.6 (27.7)	88.4 (25.9)							
	-30 (-34.4)	107.8 (31.6)	102.2 (30)	96.4 (28.3)	90.6 (26.6)	84.6 (24.8)	78.4 (23)	72.4 (21.2)							
	-35 (-37.2)	91.0 (26.7)	85.8 (25.1)	80.2 (23.5)	74.4 (21.8)	68.6 (20.1)	62.6 (18.3)	56.6 (16.6)							
	-40 (-40)	75.2 (22)	70.0 (20.5)	64.4 (18.9)	58.8 (17.2)	53.0 (15.5)	47.0 (13.8)	41.0 (12)							
TVS045D8-A  Compressor Model 4DJNF76KE	-5 (-20.6)	257.0 (75.3)	246.6 (72.3)	236.0 (69.2)	225.4 (66.1)	214.6 (62.9)	203.8 (59.7)	193.0 (56.6)							
	-10 (-23.3)	227.0 (66.5)	217.4 (63.7)	207.6 (60.8)	197.6 (57.9)	187.6 (55)	177.4 (52)	167.2 (49)							
	-15 (-26.1)	199.8 (58.6)	190.8 (55.9)	181.8 (53.3)	172.4 (50.5)	163.0 (47.8)	153.6 (45)	144.0 (42.2)							
	-20 (-28.9)	175.0 (51.3)	166.8 (48.9)	158.2 (46.4)	149.6 (43.8)	140.6 (41.2)	131.6 (38.6)	122.6 (35.9)							
	-25 (-31.7)	152.2 (44.6)	144.4 (42.3)	136.4 (40)	128.2 (37.6)	119.8 (35.1)	111.4 (32.6)	102.8 (30.1)							
	-30 (-34.4)	130.8 (38.3)	123.4 (36.2)	115.8 (33.9)	108.2 (31.7)	100.2 (29.4)	92.0 (27)	83.8 (24.6)							
	-35 (-37.2)	110.0 (32.2)	103.2 (30.2)	96.0 (28.1)	88.6 (26)	81.0 (23.7)	73.4 (21.5)	65.4 (19.2)							
	-40 (-40)	89.8 (26.3)	83.2 (24.4)	76.4 (22.4)	69.2 (20.3)	62.0 (18.2)	54.6 (16)	46.8 (13.7)							
TVS055D8-A  Compressor Model 6DHNF93KE	-5 (-20.6)	306.6 (89.9)	294.8 (86.4)	282.6 (82.8)	269.8 (79.1)	256.2 (75.1)	242.2 (71)	227.6 (66.7)							
	-10 (-23.3)	270.6 (79.3)	260.0 (76.2)	248.6 (72.9)	236.8 (69.4)	224.4 (65.8)	211.2 (61.9)	197.6 (57.9)							
	-15 (-26.1)	237.6 (69.6)	227.8 (66.8)	217.4 (63.7)	206.4 (60.5)	194.8 (57.1)	182.6 (53.5)	169.8 (49.8)							
	-20 (-28.9)	207.4 (60.8)	198.2 (58.1)	188.6 (55.3)	178.4 (52.3)	167.6 (49.1)	156.0 (45.7)	143.8 (42.1)							
	-25 (-31.7)	179.4 (52.6)	170.8 (50.1)	161.8 (47.4)	152.2 (44.6)	142.0 (41.6)	131.0 (38.4)	119.6 (35.1)							
	-30 (-34.4)	153.2 (44.9)	145.2 (42.6)	136.8 (40.1)	127.6 (37.4)	117.8 (34.5)	107.4 (31.5)	96.4 (28.3)							
	-35 (-37.2)	128.8 (37.7)	121.2 (35.5)	113.0 (33.1)	104.2 (30.5)	94.8 (27.8)	84.6 (24.8)	73.8 (21.6)							
	-40 (-40)	105.4 (30.9)	98.0 (28.7)	90.2 (26.4)	81.6 (23.9)	72.4 (21.2)	62.4 (18.3)	51.8 (15.2)							
TVS061D8-A  Compressor Model 6DJNF11ME	-5 (-20.6)	360.6 (105.7)	346.2 (101.5)	331.0 (97)	315.4 (92.4)	299.0 (87.6)	282.0 (82.6)	264.2 (77.4)							
	-10 (-23.3)	318.8 (93.4)	305.6 (89.6)	291.8 (85.5)	277.4 (81.3)	262.2 (76.8)	246.2 (72.2)	229.6 (67.3)							
	-15 (-26.1)	280.6 (82.2)	268.4 (78.7)	255.6 (74.9)	242.2 (71)	228.0 (66.8)	213.0 (62.4)	197.4 (57.9)							
	-20 (-28.9)	245.0 (71.8)	233.8 (68.5)	222.0 (65.1)	209.4 (61.4)	196.0 (57.4)	182.0 (53.3)	167.2 (49)							
	-25 (-31.7)	212.2 (62.2)	201.6 (59.1)	190.4 (55.8)	178.6 (52.3)	166.0 (48.6)	152.6 (44.7)	138.4 (40.6)							
	-30 (-34.4)	181.2 (53.1)	171.2 (50.2)	160.6 (47.1)	149.4 (43.8)	137.4 (40.3)	124.6 (36.5)	110.8 (32.5)							
	-35 (-37.2)	151.8 (44.5)	142.4 (41.7)	132.2 (38.7)	121.2 (35.5)	109.6 (32.1)	97.2 (28.5)	83.8 (24.6)							
	-40 (-40)	123.6 (36.2)	114.4 (33.5)	104.4 (30.6)	93.8 (27.5)	82.2 (24.1)	70.0 (20.5)	57.0 (16.7)							

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

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °F      °C	CAPACITY MBH (KW)			R407C	AMBIENT TEMPERATURE °F (°C)			
		85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)	115 (46.1)	
TVD031H8-A Compressor Model 3DS3R17ME	55 (12.8)	516.4 (151.3)	496.9 (145.6)	477.8 (140)	459.5 (134.7)	441.6 (129.4)	424.2 (124.3)	407.4 (119.4)	
	50 (10)	474.0 (138.9)	456.5 (133.8)	439.5 (128.8)	422.9 (124)	407.0 (119.3)	391.4 (114.7)	376.1 (110.2)	
	45 (7.2)	433.7 (127.1)	418.1 (122.5)	403.0 (118.1)	388.3 (113.8)	374.0 (109.6)	360.2 (105.5)	346.3 (101.5)	
	40 (4.4)	395.4 (115.9)	381.6 (111.8)	368.3 (107.9)	355.3 (104.1)	342.5 (100.4)	330.1 (96.7)	317.7 (93.1)	
	35 (1.7)	359.3 (105.3)	347.1 (101.7)	335.4 (98.3)	324.0 (95)	312.7 (91.6)	301.4 (88.3)	290.2 (85.1)	
TVD041H8-A Compressor Model 4DANR18ME	55 (12.8)	643.2 (188.5)	609.4 (178.6)	576.2 (168.9)	543.6 (159.3)	511.8 (150)	480.4 (140.8)	- -	
	50 (10)	578.4 (169.5)	548.4 (160.7)	519.0 (152.1)	490.2 (143.7)	462.2 (135.5)	434.8 (127.4)	407.8 (119.5)	
	45 (7.2)	518.4 (151.9)	492.0 (144.2)	466.4 (136.7)	441.4 (129.4)	417.0 (122.2)	393.2 (115.2)	370.0 (108.4)	
	40 (4.4)	463.4 (135.8)	440.6 (129.1)	418.4 (122.6)	397.0 (116.3)	376.0 (110.2)	355.8 (104.3)	335.8 (98.4)	
	35 (1.7)	413.2 (121.1)	393.8 (115.4)	374.8 (109.8)	356.8 (104.6)	339.0 (99.4)	322.0 (94.4)	305.2 (89.4)	
TVD045H8-A Compressor Model 4DBNR20ME	55 (12.8)	662.3 (194.1)	638.6 (187.2)	614.9 (180.2)	591.2 (173.2)	567.6 (166.4)	544.3 (159.5)	- -	
	50 (10)	604.0 (177)	581.5 (170.4)	559.2 (163.9)	537.0 (157.4)	514.9 (150.9)	493.1 (144.5)	471.5 (138.2)	
	45 (7.2)	550.0 (161.2)	529.0 (155)	508.2 (148.9)	487.4 (142.8)	466.8 (136.8)	446.5 (130.8)	426.5 (125)	
	40 (4.4)	500.0 (146.5)	480.5 (140.8)	461.2 (135.2)	441.8 (129.5)	422.9 (124)	404.0 (118.4)	385.6 (113)	
	35 (1.7)	453.6 (132.9)	435.5 (127.6)	417.7 (122.4)	399.8 (117.2)	382.4 (112.1)	365.2 (107)	348.4 (102.1)	
TVD051H8-A Compressor Model 4DHNR22ME	55 (12.8)	788.3 (231)	747.2 (219)	706.9 (207.2)	667.2 (195.5)	628.5 (184.2)	590.9 (173.2)	554.6 (162.5)	
	50 (10)	719.9 (211)	682.9 (200.1)	646.8 (189.6)	611.5 (179.2)	577.1 (169.1)	543.7 (159.3)	511.6 (149.9)	
	45 (7.2)	654.2 (191.7)	621.4 (182.1)	589.5 (172.8)	558.2 (163.6)	527.9 (154.7)	498.5 (146.1)	470.6 (137.9)	
	40 (4.4)	591.6 (173.4)	563.0 (165)	535.1 (156.8)	507.6 (148.8)	481.1 (141)	455.7 (133.6)	431.6 (126.5)	
	35 (1.7)	532.8 (156.1)	507.8 (148.8)	483.6 (141.7)	459.9 (134.8)	437.0 (128.1)	415.0 (121.6)	394.2 (115.5)	
TVD061H8-A Compressor Model 4DJNR28ME	55 (12.8)	935.6 (274.2)	887.7 (260.1)	840.8 (246.4)	795.1 (233)	750.1 (219.8)	706.2 (207)	663.6 (194.5)	
	50 (10)	848.6 (248.7)	805.8 (236.1)	764.0 (223.9)	723.2 (212)	683.6 (200.3)	644.9 (189)	607.3 (178)	
	45 (7.2)	766.9 (224.8)	729.1 (213.7)	692.4 (202.9)	656.5 (192.4)	621.8 (182.2)	588.0 (172.3)	555.5 (162.8)	
	40 (4.4)	690.9 (202.5)	657.9 (192.8)	625.8 (183.4)	594.7 (174.3)	564.7 (165.5)	535.5 (156.9)	507.6 (148.8)	
	35 (1.7)	620.3 (181.8)	592.0 (173.5)	564.3 (165.4)	537.6 (157.6)	512.0 (150)	487.2 (142.8)	463.5 (135.8)	
TVD071H8-A Compressor Model 6DHNR35ME	55 (12.8)	1153.3 (338)	1108.6 (324.9)	1063.7 (311.7)	1018.5 (298.5)	973.4 (285.3)	927.8 (271.9)	882.2 (258.5)	
	50 (10)	1031.9 (302.4)	992.5 (290.9)	952.8 (279.2)	912.9 (267.5)	872.8 (255.8)	832.4 (244)	791.7 (232)	
	45 (7.2)	922.5 (270.4)	887.9 (260.2)	853.0 (250)	818.0 (239.7)	782.7 (229.4)	747.0 (218.9)	710.9 (208.3)	
	40 (4.4)	824.3 (241.6)	794.2 (232.8)	763.8 (223.8)	733.1 (214.9)	702.2 (205.8)	671.0 (196.6)	639.2 (187.3)	
	35 (1.7)	736.5 (215.8)	710.6 (208.3)	684.4 (200.6)	657.7 (192.8)	630.8 (184.9)	603.5 (176.9)	575.6 (168.7)	
TVD081H8-A Compressor Model 6DJNR40ME	55 (12.8)	1607.1 (471)	1540.1 (451.4)	1468.1 (430.3)	1391.7 (407.9)	1311.0 (384.2)	1226.8 (359.5)	1139.7 (334)	
	50 (10)	1410.2 (413.3)	1350.7 (395.9)	1286.0 (376.9)	1217.0 (356.7)	1144.1 (335.3)	1067.9 (313)	988.7 (289.8)	
	45 (7.2)	1235.4 (362.1)	1182.7 (346.6)	1125.2 (329.8)	1063.2 (311.6)	997.7 (292.4)	929.0 (272.3)	857.6 (251.3)	
	40 (4.4)	1083.0 (317.4)	1036.1 (303.7)	984.9 (288.6)	929.5 (272.4)	870.9 (255.2)	809.6 (237.3)	745.9 (218.6)	
	35 (1.7)	951.1 (278.7)	909.7 (266.6)	864.2 (253.3)	815.0 (238.9)	762.9 (223.6)	708.5 (207.7)	652.3 (191.2)	

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

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °F °C	CAPACITY MBH (KW)			R407C	AMBIENT TEMPERATURE °F (°C)			
		85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)	115 (46.1)	
TVD031M8-A Compressor Model 3DSR17ME	30 (-1.1)	325.5 (95.4)	314.8 (92.3)	304.5 (89.2)	294.4 (86.3)	284.1 (83.3)	274.1 (80.3)	263.8 (77.3)	
	25 (-3.9)	293.6 (86)	284.3 (83.3)	275.3 (80.7)	266.3 (78)	257.3 (75.4)	248.0 (72.7)	238.4 (69.9)	
	20 (-6.7)	264.2 (77.4)	256.0 (75)	248.0 (72.7)	239.8 (70.3)	231.6 (67.9)	223.0 (65.4)	214.0 (62.7)	
	15 (-9.4)	236.7 (69.4)	229.5 (67.3)	222.4 (65.2)	215.0 (63)	207.3 (60.7)	199.1 (58.3)	190.5 (55.8)	
	10 (-12.2)	211.3 (61.9)	205.0 (60.1)	198.5 (58.2)	191.5 (56.1)	184.2 (54)	176.4 (51.7)	167.8 (49.2)	
TVD041M8-A Compressor Model 4DANR18ME	30 (-1.1)	367.8 (107.8)	351.4 (103)	335.6 (98.4)	320.4 (93.9)	305.8 (89.6)	291.6 (85.5)	- -	
	25 (-3.9)	327.2 (95.9)	313.6 (91.9)	300.4 (88)	287.8 (84.3)	275.8 (80.8)	264.0 (77.4)	252.8 (74.1)	
	20 (-6.7)	290.8 (85.2)	279.6 (81.9)	268.8 (78.8)	258.6 (75.8)	248.6 (72.9)	239.0 (70)	229.6 (67.3)	
	15 (-9.4)	258.6 (75.8)	249.2 (73)	240.4 (70.5)	232.0 (68)	223.8 (65.6)	215.8 (63.2)	208.0 (61)	
	10 (-12.2)	229.8 (67.3)	222.0 (65.1)	214.6 (62.9)	207.4 (60.8)	200.6 (58.8)	193.8 (56.8)	187.0 (54.8)	
TVD045M8-A Compressor Model 4DBNR20ME	30 (-1.1)	410.3 (120.3)	393.8 (115.4)	377.4 (110.6)	361.0 (105.8)	345.2 (101.2)	329.5 (96.6)	314.4 (92.1)	
	25 (-3.9)	369.6 (108.3)	354.5 (103.9)	339.6 (99.5)	324.9 (95.2)	310.4 (91)	296.5 (86.9)	282.9 (82.9)	
	20 (-6.7)	331.0 (97)	317.3 (93)	303.9 (89.1)	290.6 (85.2)	277.8 (81.4)	265.4 (77.8)	253.5 (74.3)	
	15 (-9.4)	294.0 (86.2)	281.6 (82.5)	269.6 (79)	258.1 (75.6)	246.8 (72.3)	236.0 (69.2)	225.8 (66.2)	
	10 (-12.2)	257.9 (75.6)	247.2 (72.4)	236.7 (69.4)	226.6 (66.4)	216.9 (63.6)	207.7 (60.9)	199.1 (58.3)	
TVD051M8-A Compressor Model 4DHNR22ME	30 (-1.1)	477.5 (140)	456.1 (133.7)	435.3 (127.6)	415.0 (121.6)	395.2 (115.8)	376.5 (110.3)	358.9 (105.2)	
	25 (-3.9)	426.1 (124.9)	408.0 (119.6)	390.2 (114.4)	372.8 (109.2)	356.2 (104.4)	340.2 (99.7)	325.3 (95.3)	
	20 (-6.7)	378.8 (111)	363.5 (106.5)	348.4 (102.1)	333.7 (97.8)	319.4 (93.6)	306.0 (89.7)	293.4 (86)	
	15 (-9.4)	335.6 (98.3)	322.8 (94.6)	310.0 (90.8)	297.4 (87.1)	285.2 (83.6)	273.6 (80.2)	262.9 (77.1)	
	10 (-12.2)	296.7 (87)	285.8 (83.8)	274.9 (80.6)	264.0 (77.4)	253.5 (74.3)	243.4 (71.3)	233.9 (68.6)	
TVD061M8-A Compressor Model 4DJNR28ME	30 (-1.1)	555.7 (162.8)	531.3 (155.7)	508.0 (148.9)	485.3 (142.2)	463.5 (135.8)	442.7 (129.7)	422.7 (123.9)	
	25 (-3.9)	496.4 (145.5)	475.9 (139.5)	456.1 (133.7)	437.0 (128.1)	419.0 (122.8)	401.5 (117.7)	384.9 (112.8)	
	20 (-6.7)	442.7 (129.7)	425.5 (124.7)	408.9 (119.8)	392.9 (115.2)	377.8 (110.7)	363.3 (106.5)	349.4 (102.4)	
	15 (-9.4)	394.0 (115.5)	379.5 (111.2)	365.6 (107.1)	352.4 (103.3)	339.6 (99.5)	327.4 (95.9)	316.1 (92.6)	
	10 (-12.2)	349.9 (102.5)	337.7 (99)	325.9 (95.5)	314.6 (92.2)	303.9 (89.1)	293.6 (86)	283.9 (83.2)	
TVD071M8-A Compressor Model 6DHNR35ME	30 (-1.1)	658.6 (193)	636.3 (186.5)	613.8 (179.9)	590.7 (173.1)	567.4 (166.3)	543.5 (159.3)	518.9 (152.1)	
	25 (-3.9)	589.3 (172.7)	570.4 (167.2)	551.0 (161.5)	531.1 (155.6)	510.7 (149.7)	489.7 (143.5)	468.1 (137.2)	
	20 (-6.7)	527.7 (154.7)	511.6 (149.9)	494.8 (145)	477.5 (140)	459.5 (134.7)	441.0 (129.2)	421.7 (123.6)	
	15 (-9.4)	472.7 (138.5)	458.6 (134.4)	443.9 (130.1)	428.6 (125.6)	412.7 (120.9)	396.1 (116.1)	378.6 (111)	
	10 (-12.2)	422.9 (124)	410.3 (120.3)	397.3 (116.4)	383.5 (112.4)	368.8 (108.1)	353.4 (103.6)	337.3 (98.8)	
TVD081M8-A Compressor Model 6DJNR40ME	30 (-1.1)	838.3 (245.7)	801.6 (234.9)	761.3 (223.1)	717.6 (210.3)	671.8 (196.9)	624.1 (182.9)	575.2 (168.6)	
	25 (-3.9)	742.4 (217.6)	709.6 (208)	673.9 (197.5)	635.7 (186.3)	595.6 (174.5)	554.4 (162.5)	512.8 (150.3)	
	20 (-6.7)	660.5 (193.6)	631.3 (185)	599.6 (175.7)	566.4 (166)	531.9 (155.9)	497.3 (145.7)	462.6 (135.6)	
	15 (-9.4)	589.7 (172.8)	563.6 (165.2)	535.9 (157.1)	507.4 (148.7)	478.4 (140.2)	450.0 (131.9)	422.7 (123.9)	
	10 (-12.2)	526.9 (154.4)	503.6 (147.6)	479.4 (140.5)	455.5 (133.5)	432.0 (126.6)	409.9 (120.1)	390.0 (114.3)	
TVD101M8-A Compressor Model 6DUNR49ME	30 (-1.1)	979.2 (287)	933.7 (273.6)	885.8 (259.6)	836.2 (245.1)	785.4 (230.2)	734.0 (215.1)	682.5 (200)	
	25 (-3.9)	868.4 (254.5)	827.0 (242.4)	783.9 (229.7)	739.8 (216.8)	694.9 (203.7)	650.0 (190.5)	605.6 (177.5)	
	20 (-6.7)	768.0 (225.1)	730.8 (214.2)	692.6 (203)	653.7 (191.6)	614.9 (180.2)	576.7 (169)	539.7 (158.2)	
	15 (-9.4)	677.9 (198.7)	644.9 (189)	611.3 (179.2)	578.1 (169.4)	545.4 (159.8)	514.1 (150.7)	484.9 (142.1)	
	10 (-12.2)	597.5 (175.1)	568.7 (166.7)	540.1 (158.3)	512.4 (150.2)	486.4 (142.5)	462.4 (135.5)	441.4 (129.4)	

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

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °F °C	CAPACITY MBH (KW)			R404A	R507	AMBIENT TEMPERATURE °F (°C)		
		85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)	115 (46.1)	
TVD031H8-A Compressor Model 3DSR17ME	45 (7.2)	463.0 (135.7)	443.2 (129.9)	423.4 (124.1)	404.0 (118.4)	384.8 (112.8)	365.8 (107.2)	347.0 (101.7)	
	40 (4.4)	425.8 (124.8)	407.6 (119.5)	389.6 (114.2)	371.8 (109)	354.4 (103.9)	337.0 (98.8)	319.8 (93.7)	
	35 (1.7)	390.6 (114.5)	374.0 (109.6)	357.6 (104.8)	341.4 (100.1)	325.4 (95.4)	309.6 (90.7)	294.0 (86.2)	
TVD041H8-A Compressor Model 4DANR18ME	45 (7.2)	501.4 (146.9)	478.6 (140.3)	455.6 (133.5)	432.8 (126.8)	410.0 (120.2)	387.6 (113.6)	- -	
	40 (4.4)	463.6 (135.9)	442.2 (129.6)	420.8 (123.3)	399.2 (117)	378.0 (110.8)	357.2 (104.7)	- -	
	35 (1.7)	426.6 (125)	406.8 (119.2)	386.8 (113.4)	366.8 (107.5)	347.0 (101.7)	327.6 (96)	308.6 (90.4)	
TVD045H8-A Compressor Model 4DBNR20ME	45 (7.2)	559.4 (163.9)	535.0 (156.8)	511.2 (149.8)	488.0 (143)	465.4 (136.4)	443.2 (129.9)	421.6 (123.6)	
	40 (4.4)	521.0 (152.7)	498.2 (146)	476.0 (139.5)	454.4 (133.2)	433.4 (127)	412.8 (121)	392.6 (115.1)	
	35 (1.7)	482.6 (141.4)	461.4 (135.2)	440.8 (129.2)	420.8 (123.3)	401.2 (117.6)	382.0 (112)	363.4 (106.5)	
TVD051H8-A Compressor Model 4DHNR22ME	45 (7.2)	621.4 (182.1)	594.2 (174.1)	567.8 (166.4)	542.2 (158.9)	517.4 (151.6)	493.2 (144.5)	469.4 (137.6)	
	40 (4.4)	577.8 (169.3)	552.6 (162)	528.0 (154.7)	504.2 (147.8)	481.0 (141)	458.4 (134.3)	436.4 (127.9)	
	35 (1.7)	534.4 (156.6)	511.0 (149.8)	488.2 (143.1)	466.0 (136.6)	444.6 (130.3)	423.6 (124.1)	403.2 (118.2)	
TVD061H8-A Compressor Model 4DJNR28ME	45 (7.2)	762.6 (223.5)	730.0 (213.9)	697.8 (204.5)	665.8 (195.1)	634.0 (185.8)	602.2 (176.5)	570.6 (167.2)	
	40 (4.4)	702.6 (205.9)	672.4 (197.1)	642.6 (188.3)	613.0 (179.7)	583.6 (171)	554.2 (162.4)	525.0 (153.9)	
	35 (1.7)	645.0 (189)	617.2 (180.9)	589.8 (172.9)	562.6 (164.9)	535.4 (156.9)	508.6 (149.1)	481.6 (141.1)	
TVD071H8-A Compressor Model 6DHNR35ME	45 (7.2)	975.2 (285.8)	934.6 (273.9)	894.0 (262)	853.4 (250.1)	812.4 (238.1)	771.4 (226.1)	730.2 (214)	
	40 (4.4)	894.0 (262)	857.0 (251.2)	819.8 (240.3)	782.6 (229.4)	745.2 (218.4)	707.6 (207.4)	670.0 (196.4)	
	35 (1.7)	817.4 (239.6)	783.6 (229.6)	749.8 (219.7)	715.8 (209.8)	681.8 (199.8)	647.4 (189.7)	613.2 (179.7)	
TVD081H8-A Compressor Model 6DJNR40ME	45 (7.2)	1103.8 (323.5)	1059.8 (310.6)	1016.0 (297.8)	972.2 (284.9)	928.0 (272)	883.6 (259)	838.4 (245.7)	
	40 (4.4)	1019.8 (298.9)	979.0 (286.9)	938.4 (275)	897.8 (263.1)	857.2 (251.2)	816.2 (239.2)	774.6 (227)	
	35 (1.7)	939.0 (275.2)	901.4 (264.2)	864.0 (253.2)	826.6 (242.3)	789.0 (231.2)	751.2 (220.2)	713.0 (209)	

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °F °C	CAPACITY MBH (KW)			R404A		R507		AMBIENT TEMPERATURE °F (°C)		
		85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)	115 (46.1)			
TVD031M8-A  Compressor Model 3DS3R17ME	30 (-1.1)	357.0 (104.6)	342.0 (100.2)	327.2 (95.9)	312.6 (91.6)	298.2 (87.4)	283.8 (83.2)	269.8 (79.1)			
	25 (-3.9)	325.4 (95.4)	312.0 (91.4)	298.6 (87.5)	285.4 (83.6)	272.4 (79.8)	259.4 (76)	246.8 (72.3)			
	20 (-6.7)	295.6 (86.6)	283.6 (83.1)	271.6 (79.6)	259.8 (76.1)	248.0 (72.7)	236.6 (69.3)	225.2 (66)			
	15 (-9.4)	267.8 (78.5)	257.0 (75.3)	246.2 (72.2)	235.6 (69)	225.2 (66)	215.0 (63)	204.8 (60)			
	10 (-12.2)	241.8 (70.9)	232.0 (68)	222.6 (65.2)	213.2 (62.5)	203.8 (59.7)	194.6 (57)	185.6 (54.4)			
	5 (-15)	217.6 (63.8)	209.0 (61.3)	200.4 (58.7)	192.0 (56.3)	183.8 (53.9)	175.6 (51.5)	167.6 (49.1)			
	0 (-17.8)	195.0 (57.1)	187.4 (54.9)	179.8 (52.7)	172.4 (50.5)	165.0 (48.4)	157.8 (46.2)	150.6 (44.1)			
TVD041M8-A  Compressor Model 4DANR18ME	30 (-1.1)	391.0 (114.6)	372.6 (109.2)	354.0 (103.7)	335.4 (98.3)	317.0 (92.9)	299.0 (87.6)	281.4 (82.5)			
	25 (-3.9)	356.6 (104.5)	339.8 (99.6)	322.6 (94.5)	305.4 (89.5)	288.2 (84.5)	271.6 (79.6)	255.2 (74.8)			
	20 (-6.7)	323.8 (94.9)	308.2 (90.3)	292.4 (85.7)	276.4 (81)	260.8 (76.4)	245.2 (71.9)	230.4 (67.5)			
	15 (-9.4)	292.6 (85.8)	278.2 (81.5)	263.8 (77.3)	249.0 (73)	234.6 (68.8)	220.4 (64.6)	206.8 (60.6)			
	10 (-12.2)	263.0 (77.1)	250.0 (73.3)	236.6 (69.3)	223.2 (65.4)	210.0 (61.5)	197.0 (57.7)	184.6 (54.1)			
	5 (-15)	235.4 (69)	223.4 (65.5)	211.2 (61.9)	199.0 (58.3)	186.8 (54.7)	175.0 (51.3)	163.8 (48)			
	0 (-17.8)	209.6 (61.4)	198.8 (58.3)	187.8 (55)	176.6 (51.8)	165.6 (48.5)	154.8 (45.4)	144.6 (42.4)			
TVD045M8-A  Compressor Model 4DBNR20ME	30 (-1.1)	444.6 (130.3)	425.0 (124.6)	405.8 (118.9)	387.4 (113.5)	369.2 (108.2)	351.6 (103)	334.2 (97.9)			
	25 (-3.9)	407.0 (119.3)	389.0 (114)	371.6 (108.9)	354.4 (103.9)	337.8 (99)	321.4 (94.2)	305.4 (89.5)			
	20 (-6.7)	370.6 (108.6)	354.2 (103.8)	338.0 (99.1)	322.4 (94.5)	307.0 (90)	292.2 (85.6)	277.4 (81.3)			
	15 (-9.4)	335.6 (98.4)	320.6 (94)	305.8 (89.6)	291.6 (85.5)	277.6 (81.4)	264.0 (77.4)	250.6 (73.4)			
	10 (-12.2)	302.2 (88.6)	288.6 (84.6)	275.4 (80.7)	262.6 (77)	249.8 (73.2)	237.4 (69.6)	225.2 (66)			
	5 (-15)	271.0 (79.4)	258.8 (75.8)	247.0 (72.4)	235.4 (69)	224.0 (65.6)	212.8 (62.4)	201.8 (59.1)			
	0 (-17.8)	242.4 (71)	231.6 (67.9)	221.0 (64.8)	210.8 (61.8)	200.6 (58.8)	190.4 (55.8)	180.6 (52.9)			
TVD051M8-A  Compressor Model 4DHNR22ME	30 (-1.1)	491.4 (144)	469.8 (137.7)	448.8 (131.5)	428.4 (125.6)	408.4 (119.7)	389.2 (114.1)	370.2 (108.5)			
	25 (-3.9)	449.4 (131.7)	429.4 (125.8)	410.0 (120.2)	391.4 (114.7)	373.0 (109.3)	355.2 (104.1)	337.8 (99)			
	20 (-6.7)	408.4 (119.7)	390.2 (114.4)	372.6 (109.2)	355.4 (104.2)	338.8 (99.3)	322.4 (94.5)	306.4 (89.8)			
	15 (-9.4)	369.0 (108.1)	352.4 (103.3)	336.4 (98.6)	321.0 (94.1)	305.8 (89.6)	291.0 (85.3)	276.4 (81)			
	10 (-12.2)	331.6 (97.2)	316.8 (92.8)	302.4 (88.6)	288.4 (84.5)	274.8 (80.5)	261.4 (76.6)	248.2 (72.7)			
	5 (-15)	296.8 (87)	283.6 (83.1)	270.8 (79.4)	258.4 (75.7)	246.2 (72.2)	234.0 (68.6)	222.0 (65.1)			
	0 (-17.8)	264.6 (77.5)	253.0 (74.1)	241.8 (70.9)	230.8 (67.6)	220.2 (64.5)	209.4 (61.4)	198.6 (58.2)			
TVD061M8-A  Compressor Model 4DJNR28ME	30 (-1.1)	590.0 (172.9)	564.4 (165.4)	539.2 (158)	514.4 (150.8)	489.6 (143.5)	465.0 (136.3)	440.4 (129.1)			
	25 (-3.9)	537.4 (157.5)	514.2 (150.7)	491.2 (144)	468.4 (137.3)	446.0 (130.7)	423.6 (124.1)	401.2 (117.6)			
	20 (-6.7)	487.6 (142.9)	466.4 (136.7)	445.6 (130.6)	425.0 (124.6)	404.6 (118.6)	384.4 (112.7)	364.2 (106.7)			
	15 (-9.4)	440.4 (129.1)	421.4 (123.5)	402.6 (118)	384.0 (112.5)	365.6 (107.1)	347.4 (101.8)	329.4 (96.5)			
	10 (-12.2)	396.0 (116.1)	378.8 (111)	362.0 (106.1)	345.4 (101.2)	329.0 (96.4)	312.8 (91.7)	296.6 (86.9)			
	5 (-15)	354.4 (103.9)	339.2 (99.4)	324.2 (95)	309.4 (90.7)	294.8 (86.4)	280.6 (82.2)	266.2 (78)			
	0 (-17.8)	315.8 (92.6)	302.2 (88.6)	288.8 (84.6)	275.8 (80.8)	263.2 (77.1)	250.6 (73.4)	238.0 (69.8)			
TVD071M8-A  Compressor Model 6DHNR35ME	30 (-1.1)	745.2 (218.4)	714.6 (209.4)	683.8 (200.4)	652.8 (191.3)	622.0 (182.3)	590.8 (173.1)	559.6 (164)			
	25 (-3.9)	677.4 (198.5)	649.6 (190.4)	621.8 (182.2)	593.8 (174)	565.8 (165.8)	537.6 (157.6)	509.4 (149.3)			
	20 (-6.7)	614.2 (180)	589.0 (172.6)	563.8 (165.2)	538.4 (157.8)	513.0 (150.3)	487.6 (142.9)	462.2 (135.5)			
	15 (-9.4)	555.2 (162.7)	532.4 (156)	509.6 (149.3)	486.8 (142.7)	463.8 (135.9)	441.0 (129.2)	418.0 (122.5)			
	10 (-12.2)	500.4 (146.7)	479.8 (140.6)	459.2 (134.6)	438.6 (128.5)	417.8 (122.4)	397.2 (116.4)	376.6 (110.4)			
	5 (-15)	449.8 (131.8)	431.2 (126.4)	412.4 (120.9)	393.6 (115.4)	375.0 (109.9)	356.4 (104.5)	337.8 (99)			
	0 (-17.8)	403.4 (118.2)	386.2 (113.2)	369.0 (108.1)	352.0 (103.2)	335.2 (98.2)	318.2 (93.3)	301.4 (88.3)			
TVD081M8-A  Compressor Model 6DJNR40ME	30 (-1.1)	861.6 (252.5)	827.0 (242.4)	792.4 (232.2)	758.2 (222.2)	723.8 (212.1)	689.2 (202)	654.2 (191.7)			
	25 (-3.9)	787.8 (230.9)	755.8 (221.5)	724.4 (212.3)	693.0 (203.1)	661.6 (193.9)	630.0 (184.6)	598.0 (175.3)			
	20 (-6.7)	717.6 (210.3)	688.4 (201.7)	659.6 (193.3)	630.8 (184.9)	602.4 (176.5)	573.6 (168.1)	544.6 (159.6)			
	15 (-9.4)	651.4 (190.9)	624.6 (183.1)	598.2 (175.3)	572.2 (167.7)	546.4 (160.1)	520.4 (152.5)	494.0 (144.8)			
	10 (-12.2)	589.2 (172.7)	564.6 (165.5)	540.6 (158.4)	517.0 (151.5)	493.6 (144.7)	470.2 (137.8)	446.4 (130.8)			
	5 (-15)	530.8 (155.6)	508.4 (149)	486.6 (142.6)	465.2 (136.3)	444.2 (130.2)	423.2 (124)	402.0 (117.8)			
	0 (-17.8)	476.8 (139.7)	456.2 (133.7)	436.4 (127.9)	417.2 (122.3)	398.2 (116.7)	379.4 (111.2)	360.4 (105.6)			
TVD101M8-A  Compressor Model 6DUNR49ME	30 (-1.1)	1013.2 (296.9)	974.6 (285.6)	935.4 (274.1)	895.8 (262.5)	855.8 (250.8)	815.6 (239)	775.0 (227.1)			
	25 (-3.9)	928.4 (272.1)	893.0 (261.7)	856.8 (251.1)	820.4 (240.4)	783.6 (229.6)	746.4 (218.7)	709.0 (207.8)			
	20 (-6.7)	846.4 (248.1)	813.8 (238.5)	780.6 (228.8)	747.2 (219)	713.2 (209)	679.0 (199)	644.6 (188.9)			
	15 (-9.4)	767.8 (225)	738.0 (216.3)	707.6 (207.4)	677.0 (198.4)	645.8 (189.3)	614.6 (180.1)	583.0 (170.9)			
	10 (-12.2)	693.6 (203.3)	666.6 (195.4)	638.8 (187.2)	610.8 (179)	582.4 (170.7)	553.8 (162.3)	525.0 (153.9)			
	5 (-15)	625.2 (183.2)	600.4 (176)	575.2 (168.6)	549.6 (161.1)	523.8 (153.5)	497.6 (145.8)	471.4 (138.2)			
	0 (-17.8)	563.2 (165.1)	540.6 (158.4)	517.8 (151.8)	494.4 (144.9)	471.0 (138)	447.2 (131.1)	423.4 (124.1)			

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)	
TVD021L6-A  Compressor Model 3DS3F46KE	0 (-17.8)	182.2 (53.4)	175.0 (51.3)	168.0 (49.2)	160.8 (47.1)	153.8 (45.1)	147.0 (43.1)	140.2 (41.1)		
	-5 (-20.6)	164.4 (48.2)	158.0 (46.3)	151.6 (44.4)	145.2 (42.6)	138.8 (40.7)	132.6 (38.9)	126.6 (37.1)		
	-10 (-23.3)	147.6 (43.3)	142.0 (41.6)	136.2 (39.9)	130.4 (38.2)	124.8 (36.6)	119.0 (34.9)	113.6 (33.3)		
	-15 (-26.1)	131.8 (38.6)	126.8 (37.2)	121.6 (35.6)	116.4 (34.1)	111.2 (32.6)	106.2 (31.1)	101.0 (29.6)		
	-20 (-28.9)	117.0 (34.3)	112.6 (33)	108.0 (31.7)	103.2 (30.2)	98.6 (28.9)	93.8 (27.5)	89.2 (26.1)		
	-25 (-31.7)	103.2 (30.2)	99.2 (29.1)	95.2 (27.9)	90.8 (26.6)	86.6 (25.4)	82.2 (24.1)	78.2 (22.9)		
	-30 (-34.4)	90.6 (26.6)	87.0 (25.5)	83.2 (24.4)	79.2 (23.2)	75.4 (22.1)	71.4 (20.9)	67.6 (19.8)		
	-35 (-37.2)	78.8 (23.1)	75.6 (22.2)	72.0 (21.1)	68.4 (20)	64.8 (19)	61.2 (17.9)	57.6 (16.9)		
TVD031L6-A  Compressor Model 4DHNF63KE	-40 (-40)	68.2 (20)	65.2 (19.1)	61.8 (18.1)	58.6 (17.2)	55.2 (16.2)	51.6 (15.1)	48.2 (14.1)		
	0 (-17.8)	252.8 (74.1)	242.8 (71.2)	233.4 (68.4)	224.2 (65.7)	215.0 (63)	205.8 (60.3)	196.4 (57.6)		
	-5 (-20.6)	227.6 (66.7)	218.4 (64)	209.8 (61.5)	201.6 (59.1)	193.4 (56.7)	185.0 (54.2)	176.2 (51.6)		
	-10 (-23.3)	204.4 (59.9)	196.2 (57.5)	188.4 (55.2)	181.0 (53)	173.6 (50.9)	166.0 (48.6)	157.8 (46.2)		
	-15 (-26.1)	183.2 (53.7)	175.8 (51.5)	168.8 (49.5)	162.0 (47.5)	155.4 (45.5)	148.4 (43.5)	141.0 (41.3)		
	-20 (-28.9)	163.4 (47.9)	156.8 (46)	150.6 (44.1)	144.6 (42.4)	138.6 (40.6)	132.4 (38.8)	125.4 (36.8)		
	-25 (-31.7)	145.2 (42.6)	139.2 (40.8)	133.6 (39.2)	128.2 (37.6)	122.8 (36)	117.0 (34.3)	110.8 (32.5)		
	-30 (-34.4)	127.6 (37.4)	122.4 (35.9)	117.4 (34.4)	112.6 (33)	107.8 (31.6)	102.4 (30)	96.6 (28.3)		
TVD045L6-A  Compressor Model 4DJNF76KE	-35 (-37.2)	111.0 (32.5)	106.2 (31.1)	101.8 (29.8)	97.4 (28.5)	93.0 (27.3)	88.0 (25.8)	82.6 (24.2)		
	-40 (-40)	94.4 (27.7)	90.2 (26.4)	86.2 (25.3)	82.4 (24.1)	78.2 (22.9)	73.6 (21.6)	68.4 (20)		
	0 (-17.8)	299.0 (87.6)	285.4 (83.6)	272.6 (79.9)	260.4 (76.3)	248.6 (72.9)	237.6 (69.6)	227.2 (66.6)		
	-5 (-20.6)	271.0 (79.4)	258.8 (75.8)	247.2 (72.4)	236.0 (69.2)	225.2 (66)	215.0 (63)	205.4 (60.2)		
	-10 (-23.3)	244.6 (71.7)	233.6 (68.5)	223.0 (65.4)	212.8 (62.4)	203.0 (59.5)	193.6 (56.7)	184.6 (54.1)		
	-15 (-26.1)	219.8 (64.4)	209.8 (61.5)	200.2 (58.7)	191.0 (56)	182.0 (53.3)	173.2 (50.8)	164.6 (48.2)		
	-20 (-28.9)	196.2 (57.5)	187.4 (54.9)	178.6 (52.3)	170.2 (49.9)	161.8 (47.4)	153.6 (45)	145.4 (42.6)		
	-25 (-31.7)	173.8 (50.9)	165.8 (48.6)	158.0 (46.3)	150.2 (44)	142.6 (41.8)	134.8 (39.5)	127.0 (37.2)		
TVD055L6-A  Compressor Model 6DHNF93KE	-30 (-34.4)	152.4 (44.7)	145.4 (42.6)	138.4 (40.6)	131.2 (38.5)	123.8 (36.3)	116.4 (34.1)	108.8 (31.9)		
	-35 (-37.2)	132.2 (38.7)	125.8 (36.9)	119.4 (35)	112.6 (33)	105.6 (30.9)	98.4 (28.8)	91.0 (26.7)		
	-40 (-40)	112.6 (33)	107.0 (31.4)	101.0 (29.6)	94.6 (27.7)	87.8 (25.7)	80.8 (23.7)	73.2 (21.5)		
	0 (-17.8)	374.0 (109.6)	359.0 (105.2)	344.4 (100.9)	330.0 (96.7)	315.6 (92.5)	301.2 (88.3)	---	---	
	-5 (-20.6)	338.4 (99.2)	324.8 (95.2)	311.6 (91.3)	298.6 (87.5)	285.6 (83.7)	272.4 (79.8)	258.8 (75.8)		
	-10 (-23.3)	304.0 (89.1)	291.8 (85.5)	280.0 (82.1)	268.2 (78.6)	256.2 (75.1)	244.2 (71.6)	231.6 (67.9)		
	-15 (-26.1)	271.2 (79.5)	260.2 (76.3)	249.6 (73.2)	238.8 (70)	228.0 (66.8)	217.0 (63.6)	205.4 (60.2)		
	-20 (-28.9)	240.2 (70.4)	230.2 (67.5)	220.6 (64.7)	211.0 (61.8)	201.0 (58.9)	190.8 (55.9)	180.2 (52.8)		
TVD061L6-A  Compressor Model 6DJNF11ME	-25 (-31.7)	211.0 (61.8)	202.0 (59.2)	193.4 (56.7)	184.6 (54.1)	175.4 (51.4)	166.0 (48.6)	156.0 (45.7)		
	-30 (-34.4)	184.0 (53.9)	176.0 (51.6)	168.0 (49.2)	159.8 (46.8)	151.4 (44.4)	142.6 (41.8)	133.0 (39)		
	-35 (-37.2)	159.4 (46.7)	152.0 (44.5)	144.6 (42.4)	137.0 (40.2)	129.2 (37.9)	120.8 (35.4)	111.6 (32.7)		
	-40 (-40)	137.2 (40.2)	130.4 (38.2)	123.4 (36.2)	116.4 (34.1)	108.8 (31.9)	100.6 (29.5)	91.6 (26.8)		
	0 (-17.8)	412.6 (120.9)	394.4 (115.6)	376.6 (110.4)	359.2 (105.3)	342.0 (100.2)	325.2 (95.3)	---	---	
	-5 (-20.6)	372.8 (109.3)	356.6 (104.5)	340.4 (99.8)	324.6 (95.1)	309.2 (90.6)	294.0 (86.2)	---	---	
	-10 (-23.3)	335.0 (98.2)	320.4 (93.9)	306.2 (89.7)	291.8 (85.5)	278.0 (81.5)	264.2 (77.4)	251.0 (73.6)		
	-15 (-26.1)	299.4 (87.7)	286.4 (83.9)	273.6 (80.2)	260.8 (76.4)	248.2 (72.7)	235.8 (69.1)	223.8 (65.6)		
TVD081L6-A  Compressor Model 6DUNF13ME	-20 (-28.9)	266.0 (78)	254.4 (74.6)	242.8 (71.2)	231.4 (67.8)	219.8 (64.4)	208.6 (61.1)	197.6 (57.9)		
	-25 (-31.7)	234.8 (68.8)	224.4 (65.8)	214.0 (62.7)	203.6 (59.7)	193.0 (56.6)	182.8 (53.6)	172.6 (50.6)		
	-30 (-34.4)	205.8 (60.3)	196.6 (57.6)	187.0 (54.8)	177.4 (52)	167.8 (49.2)	158.2 (46.4)	148.6 (43.6)		
	-35 (-37.2)	179.2 (52.5)	170.6 (50)	161.8 (47.4)	152.8 (44.8)	143.8 (42.1)	134.8 (39.5)	125.6 (36.8)		
	-40 (-40)	154.6 (45.3)	146.8 (43)	138.4 (40.6)	129.8 (38)	121.2 (35.5)	112.4 (32.9)	103.6 (30.4)		
	0 (-17.8)	518.0 (151.8)	495.6 (145.2)	473.8 (138.9)	452.6 (132.6)	432.4 (126.7)	413.4 (121.2)	---	---	
	-5 (-20.6)	467.8 (137.1)	446.4 (130.8)	425.6 (124.7)	405.4 (118.8)	386.0 (113.1)	367.4 (107.7)	---	---	
	-10 (-23.3)	422.6 (123.9)	402.6 (118)	383.0 (112.2)	363.8 (106.6)	345.2 (101.2)	327.4 (96)	310.4 (91)		
TVD081L6-A  Compressor Model 6DUNF13ME	-15 (-26.1)	381.4 (111.8)	362.8 (106.3)	344.4 (100.9)	326.4 (95.7)	308.8 (90.5)	291.8 (85.5)	275.8 (80.8)		
	-20 (-28.9)	343.0 (100.5)	326.0 (95.5)	309.0 (90.6)	292.2 (85.6)	275.8 (80.8)	259.8 (76.1)	244.6 (71.7)		
	-25 (-31.7)	306.4 (89.8)	291.0 (85.3)	275.6 (80.8)	260.0 (76.2)	244.8 (71.7)	230.0 (67.4)	215.6 (63.2)		
	-30 (-34.4)	270.2 (79.2)	256.6 (75.2)	242.8 (71.2)	228.8 (67.1)	214.8 (63)	201.2 (59)	187.8 (55)		
	-35 (-37.2)	233.4 (68.4)	221.6 (64.9)	209.4 (61.4)	197.0 (57.7)	184.4 (54)	172.0 (50.4)	159.8 (46.8)		
	-40 (-40)	194.4 (57)	184.6 (54.1)	174.2 (51.1)	163.4 (47.9)	152.4 (44.7)	141.4 (41.4)	130.4 (38.2)		

--- Outside Operating Range

**CAPACITY DATA - R404A R507**  
**LOW TEMP. HIGH EFFICIENCY MODELS**  
**w/ 850RPM CONDENSER MOTOR(S)**
**60Hz**

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE	CAPACITY MBH (KW)						AMBIENT TEMPERATURE °F (°C)		
		85 °F (29.4)	90 (32.2)	95 (35)	100 (37.8)	105 (40.6)	110 (43.3)	115 (46.1)		
<b>TVS013D6-A</b>  Compressor Model 3DS3F46KE	0 (-17.8)	93.9 (27.5)	89.3 (26.2)	84.8 (24.9)	80.2 (23.5)	75.6 (22.2)	71.1 (20.8)	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)		
<b>TVS016D6-A</b>  Compressor Model 4DHNF63KE	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)		
<b>TVS021D6-A</b>  Compressor Model 4DJNF76KE	0 (-17.8)	153.2 (44.9)	146.4 (42.9)	139.6 (40.9)	132.9 (38.9)	126.1 (37)	119.3 (35)	112.6 (33)		
	-5 (-20.6)	137.9 (40.4)	131.8 (38.6)	125.7 (36.8)	119.6 (35.1)	113.5 (33.3)	107.4 (31.5)	101.3 (29.7)		
	-10 (-23.3)	123.5 (36.2)	118.1 (34.6)	112.6 (33)	107.1 (31.4)	101.6 (29.8)	96.1 (28.2)	90.7 (26.6)		
	-15 (-26.1)	110.0 (32.2)	105.2 (30.8)	100.3 (29.4)	95.3 (27.9)	90.4 (26.5)	85.6 (25.1)	80.7 (23.7)		
	-20 (-28.9)	97.4 (28.5)	93.1 (27.3)	88.7 (26)	84.4 (24.7)	80.0 (23.4)	75.6 (22.2)	71.3 (20.9)		
	-25 (-31.7)	85.6 (25.1)	81.8 (24)	77.9 (22.8)	74.1 (21.7)	70.2 (20.6)	66.4 (19.5)	62.5 (18.3)		
	-30 (-34.4)	74.7 (21.9)	71.3 (20.9)	67.9 (19.9)	64.5 (18.9)	61.0 (17.9)	57.7 (16.9)	54.3 (15.9)		
	-35 (-37.2)	64.5 (18.9)	61.5 (18)	58.5 (17.1)	55.5 (16.3)	52.5 (15.4)	49.5 (14.5)	46.5 (13.6)		
	-40 (-40)	55.1 (16.1)	52.5 (15.4)	49.8 (14.6)	47.1 (13.8)	44.4 (13)	41.8 (12.3)	39.2 (11.5)		
<b>TVS026D6-A</b>  Compressor Model 6DHNF93KE	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)		
<b>TVS031D6-A</b>  Compressor Model 6DJNF11ME	0 (-17.8)	216.2 (63.4)	206.7 (60.6)	197.2 (57.8)	187.7 (55)	178.2 (52.2)	168.6 (49.4)	158.9 (46.6)		
	-5 (-20.6)	195.9 (57.4)	187.4 (54.9)	178.8 (52.4)	170.2 (49.9)	161.6 (47.4)	152.9 (44.8)	144.2 (42.3)		
	-10 (-23.3)	176.7 (51.8)	169.0 (49.5)	161.3 (47.3)	153.6 (45)	145.8 (42.7)	138.0 (40.4)	130.1 (38.1)		
	-15 (-26.1)	158.4 (46.4)	151.6 (44.4)	144.7 (42.4)	137.8 (40.4)	130.8 (38.3)	123.8 (36.3)	116.7 (34.2)		
	-20 (-28.9)	141.2 (41.4)	135.1 (39.6)	129.0 (37.8)	122.8 (36)	116.6 (34.2)	110.3 (32.3)	103.9 (30.4)		
	-25 (-31.7)	125.1 (36.7)	119.6 (35.1)	114.2 (33.5)	108.7 (31.9)	103.1 (30.2)	97.5 (28.6)	91.8 (26.9)		
	-30 (-34.4)	109.9 (32.2)	105.1 (30.8)	100.2 (29.4)	95.3 (27.9)	90.4 (26.5)	85.4 (25)	80.3 (23.5)		
	-35 (-37.2)	95.8 (28.1)	91.4 (26.8)	87.1 (25.5)	82.8 (24.3)	78.3 (22.9)	73.9 (21.7)	69.3 (20.3)		
	-40 (-40)	82.6 (24.2)	78.7 (23.1)	74.8 (21.9)	70.9 (20.8)	66.9 (19.6)	62.9 (18.4)	58.8 (17.2)		

CONDENSING UNIT MODEL	COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		CONDENSER FAN MOTOR			UNIT	
			RLA	LRA	QTY	WATTS	FLA	MCA	MOP
TVS016H8-	HT3B -A	3DS3R17ME-TFC	208-230/3/60	59.6	275	2	3700	13.2	87.7
	HT4B -A	3DS3R17ME-TFD	460/3/60	29.0	138	2	3700	6.2	42.5
	HT5B -A	3DS3R17ME-TFE	575/3/60	23.6	110	2	3700	5.0	34.5
TVS021H8-	HT3B -A	4DANR18ME-TSK	208-230/3/60	72.1	308	2	3700	13.2	103.3
	HT4B -A	4DANR18ME-TSK	460/3/60	36.1	154	2	3700	6.2	51.3
	HT5B -A	4DANR18ME-TSE	575/3/60	30.7	135	2	3700	5.0	43.4
TVS023H8-	HT3B -A	4DBNR20ME-TSK	208-230/3/60	85.7	374	2	3700	13.2	120.3
	HT4B -A	4DBNR20ME-TSK	460/3/60	42.9	187	2	3700	6.2	59.8
	HT5B -A	4DBNR20ME-TSE	575/3/60	33.6	135	2	3700	5.0	47.0
TVS026H8-	HT3B -A	4DHNR22ME-TSK	208-230/3/60	107.1	428	3	5550	19.8	153.7
	HT4B -A	4DHNR22ME-TSK	460/3/60	53.6	214	3	5550	9.3	76.3
	HT5B -A	4DHNR22ME-TSE	575/3/60	38.8	172	3	5550	7.5	56.0
TVS031H8-	HT3B -A	4DJNR28ME-TSK	208-230/3/60	114.3	470	3	5550	19.8	162.7
	HT4B -A	4DJNR28ME-TSK	460/3/60	57.1	235	3	5550	9.3	80.7
	HT5B -A	4DJNR28ME-TSE	575/3/60	49.3	200	3	5550	7.5	69.1
TVS036H8-	HT3B -A	6DHNR35ME-TSK	208-230/3/60	141.4	565	4	7400	26.4	203.2
	HT4B -A	6DHNR35ME-TSK	460/3/60	70.7	283	4	7400	12.4	100.8
	HT5B -A	6DHNR35ME-TSE	575/3/60	53.6	230	4	7400	10.0	77.0
TVS041H8-	HD3B -A	6DJNR40ME-TSN*	230/3/60	158.6	594	4	7400	26.4	224.7
	HT4B -A	6DJNR40ME-TSN	460/3/60	79.3	297	4	7400	12.4	111.5
	HT5B -A	6DJNR40ME-TSE	575/3/60	65.0	245	4	7400	10.0	91.3
TVS016M8-	HT3B -A	3DS3R17ME-TFC	208-230/3/60	59.6	275	2	3700	13.2	87.7
	HT4B -A	3DS3R17ME-TFD	460/3/60	29.0	138	2	3700	6.2	42.5
	HT5B -A	3DS3R17ME-TFE	575/3/60	23.6	110	2	3700	5.0	34.5
TVS021M8-	HT3B -A	4DANR18ME-TSK	208-230/3/60	66.6	308	2	3700	13.2	96.5
	HT4B -A	4DANR18ME-TSK	460/3/60	33.3	154	2	3700	6.2	47.8
	HT5B -A	4DANR18ME-TSE	575/3/60	24.7	135	2	3700	5.0	35.9
TVS023M8-	HT3B -A	4DBNR20ME-TSK	208-230/3/60	72.1	374	2	3700	13.2	103.3
	HT4B -A	4DBNR20ME-TSK	460/3/60	36.1	187	2	3700	6.2	51.3
	HT5B -A	4DBNR20ME-TSE	575/3/60	31.4	135	2	3700	5.0	44.3
TVS026M8-	HT3B -A	4DHNR22ME-TSK	208-230/3/60	82.1	428	3	5550	19.8	122.4
	HT4B -A	4DHNR22ME-TSK	460/3/60	41.1	214	3	5550	9.3	60.7
	HT5B -A	4DHNR22ME-TSE	575/3/60	34.4	172	3	5550	7.5	50.5
TVS031M8-	HT3B -A	4DJNR28ME-TSK	208-230/3/60	105.4	470	3	5550	19.8	151.6
	HT4B -A	4DJNR28ME-TSK	460/3/60	52.7	235	3	5550	9.3	75.2
	HT5B -A	4DJNR28ME-TSE	575/3/60	44.1	200	3	5550	7.5	62.6
TVS036M8-	HT3B -A	6DHNR35ME-TSK	208-230/3/60	125.1	565	4	7400	26.4	182.8
	HT4B -A	6DHNR35ME-TSK	460/3/60	62.6	283	4	7400	12.4	90.7
	HT5B -A	6DHNR35ME-TSE	575/3/60	43.1	230	4	7400	10.0	63.9
TVS041M8-	HD3B -A	6DJNR40ME-TSN*	230/3/60	142.9	594	4	7400	26.4	205.0
	HT4B -A	6DJNR40ME-TSN	460/3/60	71.4	297	4	7400	12.4	101.7
	HT5B -A	6DJNR40ME-TSE	575/3/60	52.1	245	4	7400	10.0	75.1
TVS051M8-	HT4B -A	6DUNR49ME-AWD	460/3/60	83.6	482	4	7400	12.4	116.9
	HT5B -A	6DUNR49ME-TSE	575/3/60	62.6	336	4	7400	10.0	88.3
TVS011L 6/8 -	HT3B -A	3DS3F46KE-TFC	208-230/3/60	41.4	215	1	1850	6.6	58.4
	HT4B -A	3DS3F46KE-TFD	460/3/60	18.6	106	1	1850	3.1	26.4
	HT5B -A	3DS3F46KE-TFE	575/3/60	16.2	84	1	1850	2.5	22.8
TVS016L 6/8 -	HT3B -A	4DHNF63KE-TSK	208-230/3/60	52.6	278	2	3700	13.2	79.0
	HT4B -A	4DHNF63KE-TSK	460/3/60	26.3	139	2	3700	6.2	39.1
	HT5B -A	4DHNF63KE-TSE	575/3/60	20.9	113	2	3700	5.0	31.1
TVS023L 6/8 -	HT3B -A	4DJNF76KE-TSK	208-230/3/60	64.3	374	2	3700	13.2	93.6
	HT4B -A	4DJNF76KE-TSK	460/3/60	32.1	187	2	3700	6.2	46.3
	HT5B -A	4DJNF76KE-TSE	575/3/60	29.1	135	2	3700	5.0	41.4
TVS028L 6/8 -	HT3B -A	6DHNF93KE-TSK	208-230/3/60	80.7	450	2	3700	13.2	114.1
	HT4B -A	6DHNF93KE-TSK	460/3/60	40.4	225	2	3700	6.2	56.7
	HT5B -A	6DHNF93KE-TSE	575/3/60	32.5	172	2	3700	5.0	45.6
TVS031L 6/8 -	HT3B -A	6DJNF11ME-TSK	208-230/3/60	95.6	470	2	3700	13.2	132.7
	HT4B -A	6DJNF11ME-TSK	460/3/60	47.8	235	2	3700	6.2	66.0
	HT5B -A	6DJNF11ME-TSE	575/3/60	39.6	200	2	3700	5.0	54.5
TVS041L 6/8 -	HT4B -A	6DUNF13ME-AWD	460/3/60	63.9	367	3	5550	9.3	89.2
	HT5B -A	6DUNF13ME-TSE	575/3/60	53.5	336	3	5550	7.5	74.4
	HT3B -A	3DS3F46KE-TFC	208-230/3/60	41.4	215	1	900	4.9	56.7
TVS011D 6/8 -	HT4B -A	3DS3F46KE-TFD	460/3/60	18.6	106	1	900	2.2	25.5
	HT5B -A	3DS3F46KE-TFE	575/3/60	16.2	84	1	900	2.1	22.4
	HT3B -A	4DHNF63KE-TSK	208-230/3/60	52.6	278	2	1800	9.8	75.6
TVS016D 6/8 -	HT4B -A	4DHNF63KE-TSK	460/3/60	26.3	139	2	1800	4.4	37.3
	HT5B -A	4DHNF63KE-TSE	575/3/60	20.9	113	2	1800	4.2	30.3
	HT3B -A	4DJNF76KE-TSK	208-230/3/60	64.3	374	2	1800	9.8	90.2
TVS023D 6/8 -	HT4B -A	4DJNF76KE-TSK	460/3/60	32.1	187	2	1800	4.4	44.5
	HT5B -A	4DJNF76KE-TSE	575/3/60	29.1	135	2	1800	4.2	40.6
	HT3B -A	6DHNF93KE-TSK	208-230/3/60	80.7	450	2	1800	9.8	110.7
TVS028D 6/8 -	HT4B -A	6DHNF93KE-TSK	460/3/60	40.4	225	2	1800	4.4	54.9
	HT5B -A	6DHNF93KE-TSE	575/3/60	33.8	172	2	1800	4.2	46.5
	HT3B -A	6DJNF11ME-TSK	208-230/3/60	95.7	470	2	1800	9.8	129.4
TVS031D 6/8 -	HT4B -A	6DJNF11ME-TSK	460/3/60	47.8	235	2	1800	4.4	64.2
	HT5B -A	6DJNF11ME-TSE	575/3/60	39.6	200	2	1800	4.2	53.7

\* 6DJ only available in 230V

CONDENSING UNIT MODEL	COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		CONDENSER FAN MOTOR		UNIT			
			RLA	LRA	QTY	WATTS	FLA	MCA	MOP	
TVD031H-8	HT3B -A	3DS3R17ME-TFC	208-230/3/60	59.6	275	4	7400	26.4	160.5	200
	HT4B -A	3DS3R17ME-TFD	460/3/60	29.0	138	4	7400	12.4	77.7	100
	HT5B -A	3DS3R17ME-TFE	575/3/60	23.6	110	4	7400	10.0	63.1	80
TVD041H-8	HT3B -A	4DANR18ME-TSK	208-230/3/60	72.1	308	4	7400	26.4	188.6	250
	HT4B -A	4DANR18ME-TSK	460/3/60	36.1	154	4	7400	12.4	93.6	125
	HT5B -A	4DANR18ME-TSE	575/3/60	30.7	135	4	7400	10.0	79.1	100
TVD045H-8	HT3B -A	4DBNR20ME-TSK	208-230/3/60	85.7	374	4	7400	26.4	219.2	300
	HT4B -A	4DBNR20ME-TSK	460/3/60	42.9	187	4	7400	12.4	108.9	150
	HT5B -A	4DBNR20ME-TSE	575/3/60	33.6	135	4	7400	10.0	85.6	110
TVD051H-8	HT3B -A	4DHNR22ME-TSK	208-230/3/60	107.1	428	6	11100	39.6	280.6	350
	HT4B -A	4DHNR22ME-TSK	460/3/60	53.6	214	6	11100	18.6	139.2	175
	HT5B -A	4DHNR22ME-TSE	575/3/60	38.8	172	6	11100	15.0	102.3	125
TVD061H-8	HT3B -A	4DJNR28ME-TSK	208-230/3/60	114.3	470	6	11100	39.6	296.8	400
	HT4B -A	4DJNR28ME-TSK	460/3/60	57.1	235	6	11100	18.6	147.1	200
	HT5B -A	4DJNR28ME-TSE	575/3/60	49.3	200	6	11100	15.0	125.9	175
TVD071H-8	HT3B -A	6DHNR35ME-TSK	208-230/3/60	141.4	565	8	14800	52.8	371.0	500
	HT4B -A	6DHNR35ME-TSK	460/3/60	70.7	283	8	14800	24.8	183.9	250
	HT5B -A	6DHNR35ME-TSE	575/3/60	53.6	230	8	14800	20.0	140.6	175
TVD081H-8	HT3B -A	6DJNR40ME-TSN*	230/3/60	158.6	594	8	14800	52.8	409.7	500
	HT4B -A	6DJNR40ME-TSN	460/3/60	79.3	297	8	14800	24.8	203.2	250
	HT5B -A	6DJNR40ME-TSE	575/3/60	65.0	245	8	14800	20.0	166.3	225
TVD031M-8	HT3B -A	3DS3R17ME-TFC	208-230/3/60	59.6	275	4	7400	26.4	160.5	200
	HT4B -A	3DS3R17ME-TFD	460/3/60	29.0	138	4	7400	12.4	77.7	100
	HT5B -A	3DS3R17ME-TFE	575/3/60	23.6	110	4	7400	10.0	63.1	80
TVD041M-8	HT3B -A	4DANR18ME-TSK	208-230/3/60	66.6	308	4	7400	26.4	176.3	225
	HT4B -A	4DANR18ME-TSK	460/3/60	33.3	154	4	7400	12.4	87.3	110
	HT5B -A	4DANR18ME-TSE	575/3/60	24.7	135	4	7400	10.0	65.6	90
TVD045M-8	HT3B -A	4DBNR20ME-TSK	208-230/3/60	72.1	374	4	7400	26.4	188.6	250
	HT4B -A	4DBNR20ME-TSK	460/3/60	36.1	187	4	7400	12.4	93.6	125
	HT5B -A	4DBNR20ME-TSE	575/3/60	31.4	135	4	7400	10.0	80.7	110
TVD051M-8	HT3B -A	4DHNR22ME-TSK	208-230/3/60	82.1	428	6	11100	39.6	224.3	300
	HT4B -A	4DHNR22ME-TSK	460/3/60	41.1	214	6	11100	18.6	111.1	150
	HT5B -A	4DHNR22ME-TSE	575/3/60	34.4	172	6	11100	15.0	92.4	125
TVD061M-8	HT3B -A	4DJNR28ME-TSK	208-230/3/60	105.4	470	6	11100	39.6	276.8	350
	HT4B -A	4DJNR28ME-TSK	460/3/60	52.7	235	6	11100	18.6	137.2	175
	HT5B -A	4DJNR28ME-TSE	575/3/60	44.1	200	6	11100	15.0	114.2	150
TVD071M-8	HT3B -A	6DHNR35ME-TSK	208-230/3/60	125.1	565	8	14800	52.8	334.3	450
	HT4B -A	6DHNR35ME-TSK	460/3/60	62.6	283	8	14800	24.8	165.7	225
	HT5B -A	6DHNR35ME-TSE	575/3/60	43.1	230	8	14800	20.0	117.0	150
TVD081M-8	HT3B -A	6DJNR40ME-TSN*	230/3/60	142.9	594	8	14800	52.8	374.3	500
	HT4B -A	6DJNR40ME-TSN	460/3/60	71.4	297	8	14800	24.8	185.5	250
	HT5B -A	6DJNR40ME-TSE	575/3/60	52.1	245	8	14800	20.0	137.2	175
TVD101M-8	HT4B -A	6DUNR49ME-AWD	460/3/60	83.6	482	8	14800	24.8	212.9	250
	HT4B -A	6DUNR49ME-TSE	575/3/60	62.6	336	8	14800	20.0	160.9	200
TVD021L 6/8	HT3B -A	3DS3F46KE-TFC	208-230/3/60	41.4	215	2	3700	13.2	106.4	125
	HT4B -A	3DS3F46KE-TFD	460/3/60	18.6	106	2	3700	6.2	48.1	60
	HT5B -A	3DS3F46KE-TFE	575/3/60	16.2	84	2	3700	5.0	41.5	50
TVD031L 6/8	HT3B -A	4DHNF63KE-TSK	208-230/3/60	52.6	278	4	7400	26.4	144.8	175
	HT4B -A	4DHNF63KE-TSK	460/3/60	26.3	139	4	7400	12.4	71.6	90
	HT5B -A	4DHNF63KE-TSE	575/3/60	20.9	113	4	7400	10.0	57.0	70
TVD045L 6/8	HT3B -A	4DJNF76KE-TSK	208-230/3/60	64.3	374	4	7400	26.4	171.1	225
	HT4B -A	4DJNF76KE-TSK	460/3/60	32.1	187	4	7400	12.4	84.6	110
	HT5B -A	4DJNF76KE-TSE	575/3/60	29.1	135	4	7400	10.0	75.5	100
TVD055L 6/8	HT3B -A	6DHNF93KE-TSK	208-230/3/60	80.7	450	4	7400	26.4	208.0	250
	HT4B -A	6DHNF93KE-TSK	460/3/60	40.4	225	4	7400	12.4	103.3	125
	HT5B -A	6DHNF93KE-TSE	575/3/60	32.5	172	4	7400	10.0	83.1	110
TVD061L 6/8	HT3B -A	6DJNF11ME-TSK	208-230/3/60	95.6	470	4	7400	26.4	241.5	300
	HT4B -A	6DJNF11ME-TSK	460/3/60	47.8	235	4	7400	12.4	120.0	150
	HT5B -A	6DJNF11ME-TSE	575/3/60	39.6	200	4	7400	10.0	99.1	125
TVD081L 6/8	HT4B -A	6DUNF13ME-AWD	460/3/60	63.9	367	6	11100	18.6	162.4	225
	HT5B -A	6DUNF13ME-TSE	575/3/60	53.5	336	6	11100	15.0	135.4	175
	HT3B -A	3DS3F46KE-TFC	208-230/3/60	41.4	215	2	1800	9.8	103.0	125
TVS021D 6/8	HT4B -A	3DS3F46KE-TFD	460/3/60	18.6	106	2	1800	4.4	46.3	60
	HT5B -A	3DS3F46KE-TFE	575/3/60	16.2	84	2	1800	4.2	40.7	50
	HT3B -A	4DHNF63KE-TSK	208-230/3/60	52.6	278	4	3600	19.6	138.0	175
TVS031D 6/8	HT4B -A	4DHNF63KE-TSK	460/3/60	26.3	139	4	3600	8.8	68.0	90
	HT5B -A	4DHNF63KE-TSE	575/3/60	20.9	113	4	3600	8.4	55.4	70
	HT3B -A	4DJNF76KE-TSK	208-230/3/60	64.3	374	4	3600	19.6	164.3	225
TVS045D 6/8	HT4B -A	4DJNF76KE-TSK	460/3/60	32.1	187	4	3600	8.8	81.0	110
	HT5B -A	4DJNF76KE-TSE	575/3/60	29.1	135	4	3600	8.4	73.9	100
	HT3B -A	6DHNF93KE-TSK	208-230/3/60	80.7	450	4	3600	19.6	201.2	250
TVS055D 6/8	HT4B -A	6DHNF93KE-TSK	460/3/60	40.4	225	4	3600	8.8	99.7	125
	HT5B -A	6DHNF93KE-TSE	575/3/60	33.8	172	4	3600	8.4	84.5	110
	HT3B -A	6DJNF11ME-TSK	208-230/3/60	95.7	470	4	3600	19.6	234.9	300
TVS061D 6/8	HT4B -A	6DJNF11ME-TSK	460/3/60	47.8	235	4	3600	8.8	116.4	150
	HT5B -A	6DJNF11ME-TSE	575/3/60	39.6	200	4	3600	8.4	97.5	125

\* 6DJ only available in 230V

CONDENSING UNIT MODEL	COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		CONDENSER FAN MTR. **			UNIT	
			RLA	LRA	QTY	WATTS	FLA	MCA	MOP
TVS016H8-	HT3B -A	3DS3R17ME-TFC	208-230/3/60	59.6	275	2	3700	13.2	87.7
	HT4B -A	3DS3R17ME-TFD	460/3/60	29.0	138	2	3700	6.2	42.5
	HT5B -A	3DS3R17ME-TFE	575/3/60	23.6	110	2	3700	5.0	34.5
TVS021H8-	HT3B -A	4DANR18ME-TSK	208-230/3/60	72.1	308	2	3500	12.4	102.5
	HT4B -A	4DANR18ME-TSK	460/3/60	36.1	154	2	3500	6.2	51.3
	HT5B -A	4DANR18ME-TSE	575/3/60	30.7	135	2	3500	5.0	43.4
TVS023H8-	HT3B -A	4DBNR20ME-TSK	208-230/3/60	85.7	374	2	3700	13.2	120.3
	HT4B -A	4DBNR20ME-TSK	460/3/60	42.9	187	2	3700	6.2	59.8
	HT5B -A	4DBNR20ME-TSE	575/3/60	33.6	135	2	3700	5.0	47.0
TVS026H8-	HT3B -A	4DHNR22ME-TSK	208-230/3/60	107.1	428	3	5550	19.8	153.7
	HT4B -A	4DHNR22ME-TSK	460/3/60	53.6	214	3	5550	9.3	76.3
	HT5B -A	4DHNR22ME-TSE	575/3/60	38.8	172	3	5550	7.5	56.0
TVS031H8-	HT3B -A	4DJNR28ME-TSK	208-230/3/60	114.3	470	3	5550	19.8	162.7
	HT4B -A	4DJNR28ME-TSK	460/3/60	57.1	235	3	5550	9.3	80.7
	HT5B -A	4DJNR28ME-TSE	575/3/60	49.3	200	3	5550	7.5	69.1
TVS036H8-	HT3B -A	6DHNR35ME-TSK	208-230/3/60	141.4	565	4	7400	26.4	203.2
	HT4B -A	6DHNR35ME-TSK	460/3/60	70.7	283	4	7400	12.4	100.8
	HT5B -A	6DHNR35ME-TSE	575/3/60	53.6	230	4	7400	10.0	77.0
TVS041H8-	HD3B -A	6DJNR40ME-TSN*	230/3/60	158.6	594	4	7400	26.4	224.7
	HT4B -A	6DJNR40ME-TSN	460/3/60	79.3	297	4	7400	12.4	111.5
	HT5B -A	6DJNR40ME-TSE	575/3/60	65.0	245	4	7400	10.0	91.3
TVS016M8-	HT3B -A	3DS3R17ME-TFC	208-230/3/60	59.6	275	2	3500	12.4	86.9
	HT4B -A	3DS3R17ME-TFD	460/3/60	29.0	138	2	3500	6.2	42.5
	HT5B -A	3DS3R17ME-TFE	575/3/60	23.6	110	2	3500	5.0	34.5
TVS021M8-	HT3B -A	4DANR18ME-TSK	208-230/3/60	66.6	308	2	3500	12.4	95.7
	HT4B -A	4DANR18ME-TSK	460/3/60	33.3	154	2	3500	6.2	47.8
	HT5B -A	4DANR18ME-TSE	575/3/60	24.7	135	2	3500	5.0	35.9
TVS023M8-	HT3B -A	4DBNR20ME-TSK	208-230/3/60	72.1	374	2	3500	12.4	102.5
	HT4B -A	4DBNR20ME-TSK	460/3/60	36.1	187	2	3500	6.2	51.3
	HT5B -A	4DBNR20ME-TSE	575/3/60	31.4	135	2	3500	5.0	44.3
TVS026M8-	HT3B -A	4DHNR22ME-TSK	208-230/3/60	82.1	428	3	5250	18.6	121.2
	HT4B -A	4DHNR22ME-TSK	460/3/60	41.1	214	3	5250	9.3	60.7
	HT5B -A	4DHNR22ME-TSE	575/3/60	34.4	172	3	5250	7.5	50.5
TVS031M8-	HT3B -A	4DJNR28ME-TSK	208-230/3/60	105.4	470	3	5250	18.6	150.4
	HT4B -A	4DJNR28ME-TSK	460/3/60	52.7	235	3	5250	9.3	75.2
	HT5B -A	4DJNR28ME-TSE	575/3/60	44.1	200	3	5250	7.5	62.6
TVS036M8-	HT3B -A	6DHNR35ME-TSK	208-230/3/60	125.1	565	4	7000	24.8	181.2
	HT4B -A	6DHNR35ME-TSK	460/3/60	62.6	283	4	7000	12.4	90.7
	HT5B -A	6DHNR35ME-TSE	575/3/60	43.1	230	4	7000	10.0	63.9
TVS041M8-	HD3B -A	6DJNR40ME-TSN*	230/3/60	142.9	594	4	7000	24.8	203.4
	HT4B -A	6DJNR40ME-TSN	460/3/60	71.4	297	4	7000	12.4	101.7
	HT5B -A	6DJNR40ME-TSE	575/3/60	52.1	245	4	7000	10.0	75.1
TVS051M8-	HT4B -A	6DUNR49ME-AWD	460/3/60	83.6	482	4	7000	12.4	116.9
	HT5B -A	6DUNR49ME-TSE	575/3/60	62.6	336	4	7000	10.0	88.3
	HT3B -A	3DS3F46KE-TFC	208-230/3/60	41.4	215	1	1850	6.6	58.4
TVS011L 6/8 -	HT4B -A	3DS3F46KE-TFD	460/3/60	18.6	106	1	1850	3.1	26.4
	HT5B -A	3DS3F46KE-TFE	575/3/60	16.2	84	1	1850	2.5	22.8
	HT3B -A	4DHNF63KE-TSK	208-230/3/60	52.6	278	2	3700	13.2	79.0
TVS016L 6/8 -	HT4B -A	4DHNF63KE-TSK	460/3/60	26.3	139	2	3700	6.2	39.1
	HT5B -A	4DHNF63KE-TSE	575/3/60	20.9	113	2	3700	5.0	31.1
	HT3B -A	4DJNF76KE-TSK	208-230/3/60	64.3	374	2	3700	13.2	93.6
TVS023L 6/8 -	HT4B -A	4DJNF76KE-TSK	460/3/60	32.1	187	2	3700	6.2	46.3
	HT5B -A	4DJNF76KE-TSE	575/3/60	29.1	135	2	3700	5.0	41.4
	HT3B -A	6DHNF93KE-TSK	208-230/3/60	80.7	450	2	3700	13.2	114.1
TVS028L 6/8 -	HT4B -A	6DHNF93KE-TSK	460/3/60	40.4	225	2	3700	6.2	56.7
	HT5B -A	6DHNF93KE-TSE	575/3/60	32.5	172	2	3700	5.0	45.6
	HT3B -A	6DJNF11ME-TSK	208-230/3/60	95.6	470	2	3700	13.2	132.7
TVS031L 6/8 -	HT4B -A	6DJNF11ME-TSK	460/3/60	47.8	235	2	3700	6.2	66.0
	HT5B -A	6DJNF11ME-TSE	575/3/60	39.6	200	2	3700	5.0	54.5
	HT4B -A	6DUNF13ME-AWD	460/3/60	63.9	367	3	5550	9.3	89.2
TVS041L 6/8 -	HT5B -A	6DUNF13ME-TSE	575/3/60	53.5	336	3	5250	7.5	74.4

\* 6DJ only available in 230V

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

CONDENSING UNIT MODEL	COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		CONDENSER FAN MTR. **			UNIT	
			RLA	LRA	QTY	WATTS	FLA	MCA	MOP
TVD031H8-	HT3B -A	3DS3R17ME-TFC	208-230/3/60	59.6	275	4	7400	26.4	160.5
	HT4B -A	3DS3R17ME-TFD	460/3/60	29.0	138	4	7400	12.4	77.7
	HT5B -A	3DS3R17ME-TFE	575/3/60	23.6	110	4	7400	10.0	63.1
TVD041H8-	HT3B -A	4DANR18ME-TSK	208-230/3/60	72.1	308	4	7000	24.8	187.0
	HT4B -A	4DANR18ME-TSK	460/3/60	36.1	154	4	7000	12.4	93.6
	HT5B -A	4DANR18ME-TSE	575/3/60	30.7	135	4	7000	10.0	79.1
TVD045H8-	HT3B -A	4DBNR20ME-TSK	208-230/3/60	85.7	374	4	7400	26.4	219.2
	HT4B -A	4DBNR20ME-TSK	460/3/60	42.9	187	4	7400	12.4	108.9
	HT5B -A	4DBNR20ME-TSE	575/3/60	33.6	135	4	7400	10.0	85.6
TVD051H8-	HT3B -A	4DHNR22ME-TSK	208-230/3/60	107.1	428	6	11100	39.6	280.6
	HT4B -A	4DHNR22ME-TSK	460/3/60	53.6	214	6	11100	18.6	139.2
	HT5B -A	4DHNR22ME-TSE	575/3/60	38.8	172	6	11100	15.0	102.3
TVD061H8-	HT3B -A	4DJNR28ME-TSK	208-230/3/60	114.3	470	6	11100	39.6	296.8
	HT4B -A	4DJNR28ME-TSK	460/3/60	57.1	235	6	11100	18.6	147.1
	HT5B -A	4DJNR28ME-TSE	575/3/60	49.3	200	6	11100	15.0	125.9
TVD071H8-	HT3B -A	6DHNR35ME-TSK	208-230/3/60	141.4	565	8	14800	52.8	371.0
	HT4B -A	6DHNR35ME-TSK	460/3/60	70.7	283	8	14800	24.8	183.9
	HT5B -A	6DHNR35ME-TSE	575/3/60	53.6	230	8	14800	20.0	140.6
TVD081H8-	HD3B -A	6DJNR40ME-TSN*	230/3/60	158.6	594	8	14800	52.8	409.7
	HT4B -A	6DJNR40ME-TSN	460/3/60	79.3	297	8	14800	24.8	203.2
	HT5B -A	6DJNR40ME-TSE	575/3/60	65.0	245	8	14800	20.0	166.3
TVD031M8-	HT3B -A	3DS3R17ME-TFC	208-230/3/60	59.6	275	4	7000	24.8	158.9
	HT4B -A	3DS3R17ME-TFD	460/3/60	29.0	138	4	7000	12.4	77.7
	HT5B -A	3DS3R17ME-TFE	575/3/60	23.6	110	4	7000	10.0	63.1
TVD041M8-	HT3B -A	4DANR18ME-TSK	208-230/3/60	66.6	308	4	7000	24.8	174.7
	HT4B -A	4DANR18ME-TSK	460/3/60	33.3	154	4	7000	12.4	87.3
	HT5B -A	4DANR18ME-TSE	575/3/60	24.7	135	4	7000	10.0	65.6
TVD045M8-	HT3B -A	4DBNR20ME-TSK	208-230/3/60	72.1	374	4	7000	24.8	187.0
	HT4B -A	4DBNR20ME-TSK	460/3/60	36.1	187	4	7000	12.4	93.6
	HT5B -A	4DBNR20ME-TSE	575/3/60	31.4	135	4	7000	10.0	80.7
TVD051M8-	HT3B -A	4DHNR22ME-TSK	208-230/3/60	82.1	428	6	10500	37.2	221.9
	HT4B -A	4DHNR22ME-TSK	460/3/60	41.1	214	6	10500	18.6	111.1
	HT5B -A	4DHNR22ME-TSE	575/3/60	34.4	172	6	10500	15.0	92.4
TVD061M8-	HT3B -A	4DJNR28ME-TSK	208-230/3/60	105.4	470	6	10500	37.2	274.4
	HT4B -A	4DJNR28ME-TSK	460/3/60	52.7	235	6	10500	18.6	137.2
	HT5B -A	4DJNR28ME-TSE	575/3/60	44.1	200	6	10500	15.0	114.2
TVD071M8-	HT3B -A	6DHNR35ME-TSK	208-230/3/60	125.1	565	8	14000	49.6	331.1
	HT4B -A	6DHNR35ME-TSK	460/3/60	62.6	283	8	14000	24.8	165.7
	HT5B -A	6DHNR35ME-TSE	575/3/60	43.1	230	8	14000	20.0	117.0
TVD081M8-	HD3B -A	6DJNR40ME-TSN*	230/3/60	142.9	594	8	14000	49.6	371.1
	HT4B -A	6DJNR40ME-TSN	460/3/60	71.4	297	8	14000	24.8	185.5
	HT5B -A	6DJNR40ME-TSE	575/3/60	52.1	245	8	14000	20.0	137.2
TVD101M8-	HT4B -A	6DUNR49ME-AWD	460/3/60	83.6	482	8	14000	24.8	212.9
	HT5B -A	6DUNR49ME-TSE	575/3/60	62.6	336	8	14000	20.0	160.9
	HT3B -A	3DS3F46KE-TFC	208-230/3/60	41.4	215	2	3700	13.2	106.4
TVD021L 6/8 -	HT4B -A	3DS3F46KE-TFD	460/3/60	18.6	106	2	3700	6.2	48.1
	HT5B -A	3DS3F46KE-TFE	575/3/60	16.2	84	2	3700	5.0	41.5
	HT3B -A	4DHNF63KE-TSK	208-230/3/60	52.6	278	4	7400	26.4	144.8
TVD031L 6/8 -	HT4B -A	4DHNF63KE-TSK	460/3/60	26.3	139	4	7400	12.4	71.6
	HT5B -A	4DHNF63KE-TSE	575/3/60	20.9	113	4	7400	10.0	57.0
	HT3B -A	4DJNF76KE-TSK	208-230/3/60	64.3	374	4	7400	26.4	171.1
TVD045L 6/8 -	HT4B -A	4DJNF76KE-TSK	460/3/60	32.1	187	4	7400	12.4	84.6
	HT5B -A	4DJNF76KE-TSE	575/3/60	29.1	135	4	7400	10.0	75.5
	HT3B -A	6DHNF93KE-TSK	208-230/3/60	80.7	450	4	7400	26.4	208.0
TVD055L 6/8 -	HT4B -A	6DHNF93KE-TSK	460/3/60	40.4	225	4	7400	12.4	103.3
	HT5B -A	6DHNF93KE-TSE	575/3/60	32.5	172	4	7400	10.0	83.1
	HT3B -A	6DJNF11ME-TSK	208-230/3/60	95.6	470	4	7400	26.4	241.5
TVD061L 6/8 -	HT4B -A	6DJNF11ME-TSK	460/3/60	47.8	235	4	7400	12.4	120.0
	HT5B -A	6DJNF11ME-TSE	575/3/60	39.6	200	4	7400	10.0	99.1
	HT4B -A	6DUNF13ME-AWD	460/3/60	63.9	367	6	11100	18.6	162.4
TVD081L 6/8 -	HT5B -A	6DUNF13ME-TSE	575/3/60	53.5	336	6	10500	15.0	135.4
	HT4B -A	6DUNF13ME-TSE	575/3/60	53.5	336	6	10500	15.0	175

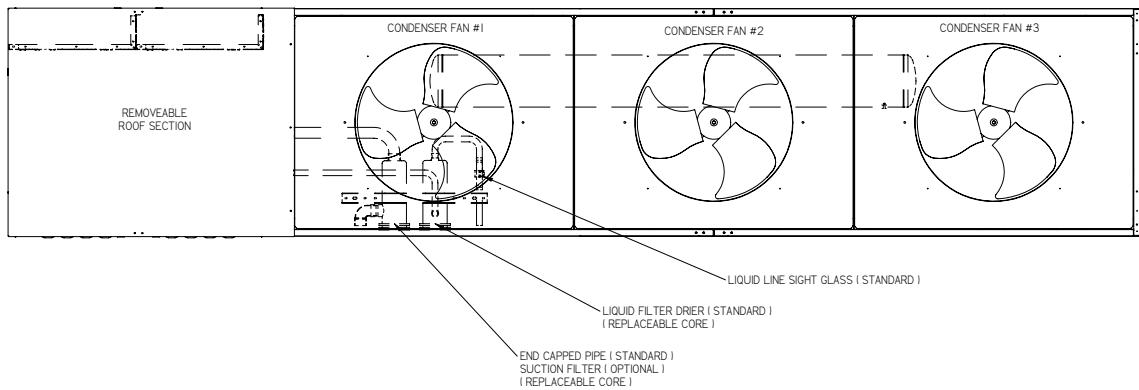
\* 6DJ only available in 230V

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

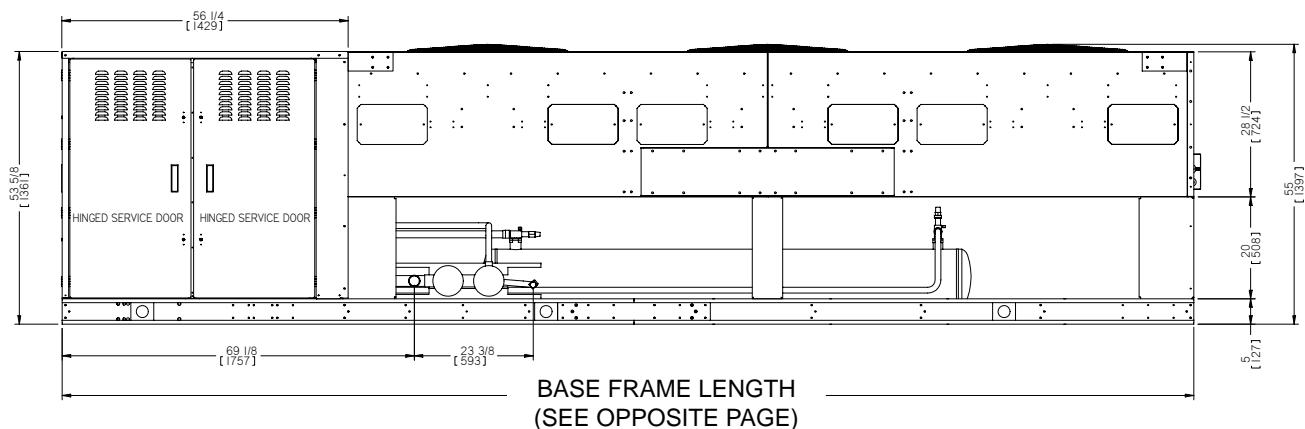
**TVS****DIMENSIONAL DATA - SINGLE COMPRESSOR  
HIGH EFFICIENCY MODELS****60Hz**

TOP VIEW

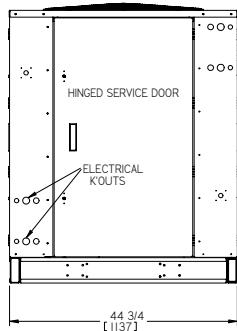
ELECTRICAL COMPARTMENTS ( WITH HINGED DOOR )



SIDE VIEW



COMPRESSOR-END VIEW



**TVS-A**  
COPELAND

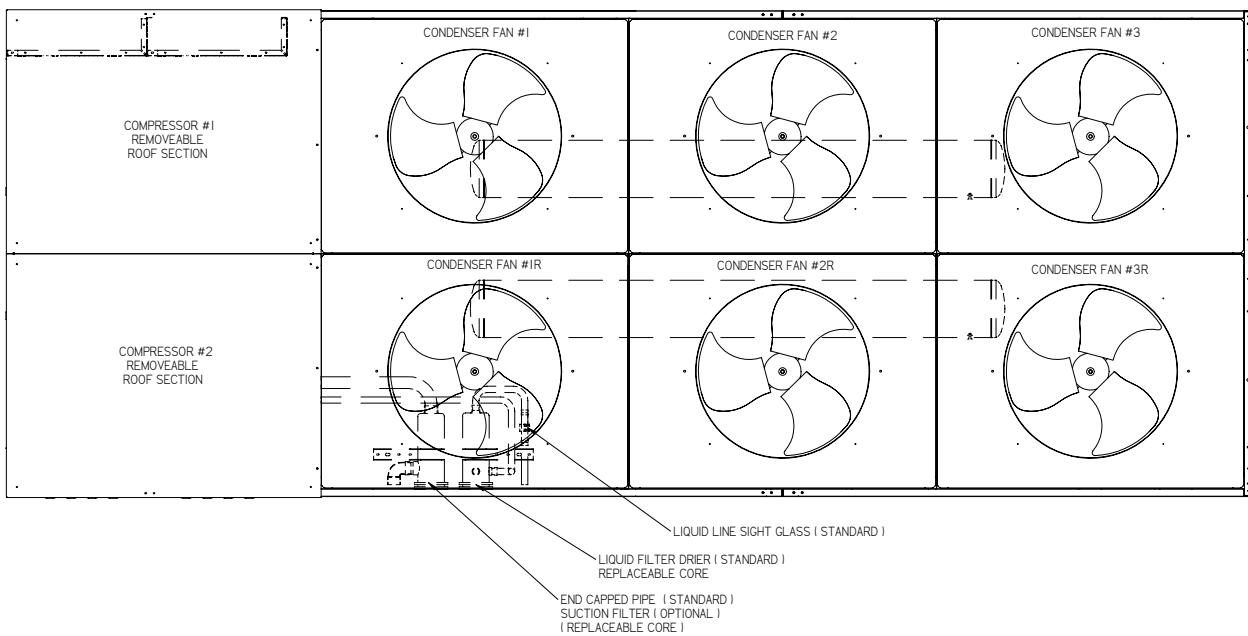
**HIGH EFFICIENCY MODELS**

CONDENSING UNIT MODEL	BASE FRAME LENGTH	
	inches	mm
TVS016H8-H**B-A	167 3/8	4251
TVS021H8-H**B-A	167 3/8	4251
TVS023H8-H**B-A	167 3/8	4251
TVS026H8-H**B-A	222 3/8	5648
TVS031H8-H**B-A	222 3/8	5648
TVS036H8-H**B-A	277 3/8	7045
TVS041H8-H**B-A	277 3/8	7045
TVS016M8-H**B-A	167 3/8	4251
TVS021M8-H**B-A	167 3/8	4251
TVS023M8-H**B-A	167 3/8	4251
TVS026M8-H**B-A	222 3/8	5648
TVS031M8-H**B-A	222 3/8	5648
TVS036M8-H**B-A	277 3/8	7045
TVS041M8-H**B-A	277 3/8	7045
TVS051M8-H**B-A	277 3/8	7045
TVS011L 6/8 -H**B-A	112 3/8	2854
TVS016L 6/8 -H**B-A	167 3/8	4251
TVS023L 6/8 -H**B-A	167 3/8	4251
TVS028L 6/8 -H**B-A	167 3/8	4251
TVS031L 6/8 -H**B-A	167 3/8	4251
TVS041L 6/8 -H**B-A	222 3/8	5648
TVD011D 6/8 -H**B-A	112 3/8	2854
TVD016D 6/8 -H**B-A	167 3/8	4251
TVD023D 6/8 -H**B-A	167 3/8	4251
TVD028D 6/8 -H**B-A	167 3/8	4251
TVD031D8-H**B-A	167 3/8	4251

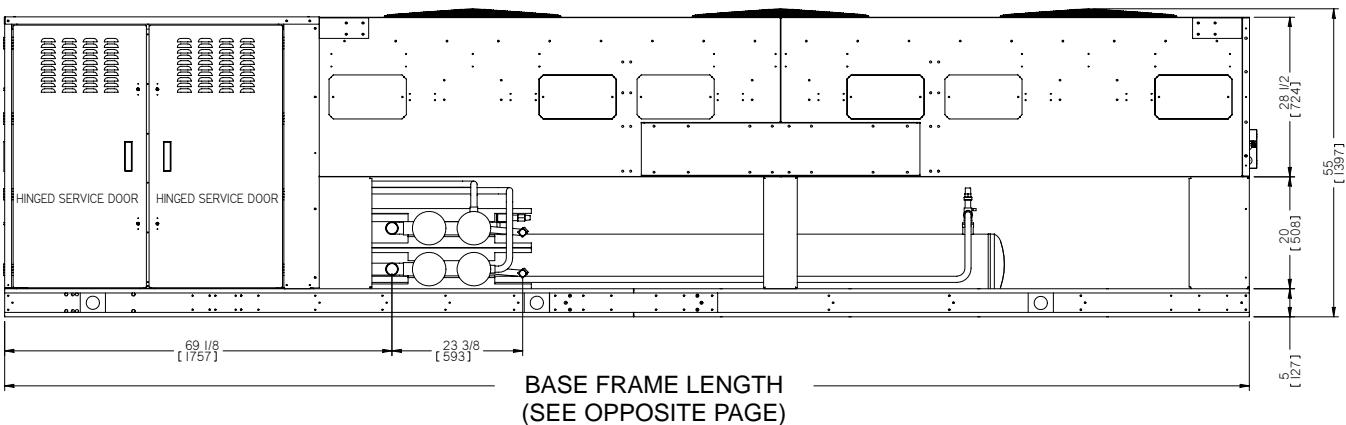
**TVD****DIMENSIONAL DATA - DOUBLE COMPRESSOR  
HIGH EFFICIENCY MODELS****60Hz**

TOP VIEW

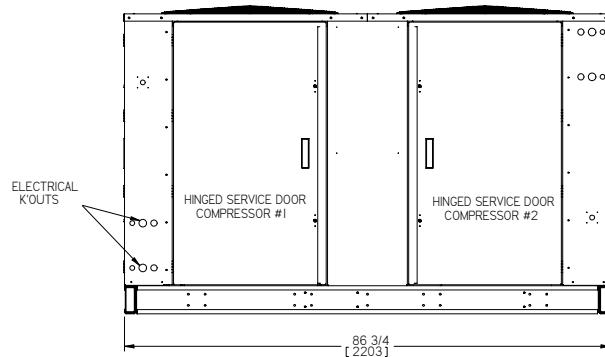
ELECTRICAL COMPARTMENTS ( WITH HINGED DOOR )



SIDE VIEW



COMPRESSOR-END VIEW



**TVD-A**  
**COPELAND**

**HIGH EFFICIENCY MODELS**

CONDENSING UNIT MODEL	BASE FRAME LENGTH	
	inches	mm
TVD031H8-H**B-A	167 3/8	4251
TVD041H8-H**B-A	167 3/8	4251
TVD045H8-H**B-A	167 3/8	4251
TVD051H8-H**B-A	222 3/8	5648
TVD061H8-H**B-A	222 3/8	5648
TVD071H8-H**B-A	277 3/8	7045
TVD081H8-H**B-A	277 3/8	7045
TVD031M8-H**B-A	167 3/8	4251
TVD041M8-H**B-A	167 3/8	4251
TVD045M8-H**B-A	167 3/8	4251
TVD051M8-H**B-A	222 3/8	5648
TVD061M8-H**B-A	222 3/8	5648
TVD071M8-H**B-A	277 3/8	7045
TVD081M8-H**B-A	277 3/8	7045
TVD101M8-H**B-A	277 3/8	7045
TVD021L 6/8 -H**B-A	112 3/8	2854
TVD031L 6/8 -H**B-A	167 3/8	4251
TVD045L 6/8 -H**B-A	167 3/8	4251
TVD055L 6/8 -H**B-A	167 3/8	4251
TVD061L 6/8 -H**B-A	167 3/8	4251
TVD081L 6/8 -H**B-A	222 3/8	5648
TVD021D 6/8 -H**B-A	112 3/8	2854
TVD031D 6/8 -H**B-A	167 3/8	4251
TVD045D 6/8 -H**B-A	167 3/8	4251
TVD055D 6/8 -H**B-A	167 3/8	4251
TVD061D8-H**B-A	167 3/8	4251

CONDENSING UNIT MODEL	CONDENSER FANS	UNIT CONNECTIONS				<b>R404A</b> RECEIVER CAPACITY 90% FULL *		APPROX. SHIPPING WEIGHT	
		SUCTION (OD)		LIQUID (OD)					
		Inches	mm	Inches	mm	Lbs.	Kgs	Lbs.	Kgs
TVS016H8-H**B-A	2	1 5/8	41	7/8	22	124	56.3	2260	1027
TVS021H8-H**B-A	2	1 5/8	41	7/8	22	124	56.3	2340	1075
TVS023H8-H**B-A	2	2 1/8	54	1 1/8	29	157	71.2	2500	1136
TVS026H8-H**B-A	3	2 1/8	54	1 1/8	29	157	71.2	2870	1304
TVS031H8-H**B-A	3	2 1/8	54	1 1/8	29	189	85.8	3020	1373
TVS036H8-H**B-A	4	2 1/8	54	1 1/8	29	254	115.3	3660	1663
TVS041H8-H**B-A	4	2 1/8	54	1 3/8	35	254	115.3	3820	1736
TVS016M8-H**B-A	2	1 5/8	41	7/8	22	124	56.3	2265	1029
TVS021M8-H**B-A	2	1 5/8	41	7/8	22	124	56.3	2345	1077
TVS023M8-H**B-A	2	2 1/8	54	1 1/8	29	157	71.2	2505	1138
TVS026M8-H**B-A	3	2 1/8	54	1 1/8	29	157	71.2	2875	1307
TVS031M8-H**B-A	3	2 1/8	54	1 1/8	29	189	85.8	3030	1377
TVS036M8-H**B-A	4	2 1/8	54	1 1/8	29	254	115.3	3660	1663
TVS041M8-H**B-A	4	2 1/8	54	1 1/8	29	254	115.3	3815	1734
TVS051M8-H**B-A	4	2 1/8	54	1 1/8	29	254	115.3	3835	1743
TVS011L 6/8 -H**B-A	1	1 3/8	35	5/8	16	124	56.3	1785	811
TVS016L 6/8 -H**B-A	2	1 5/8	41	7/8	22	124	56.3	2335	1061
TVS023L 6/8 -H**B-A	2	2 1/8	54	7/8	22	124	56.3	2385	1084
TVS028L 6/8 -H**B-A	2	2 1/8	54	1 1/8	29	157	71.2	2610	1186
TVS031L 6/8 -H**B-A	2	2 1/8	54	1 1/8	29	157	71.2	2625	1193
TVS041L 6/8 -H**B-A	3	2 1/8	54	1 1/8	29	189	85.8	3045	1384
TVS011D 6/8 -H**B-A	1	1 3/8	35	5/8	16	124	56.3	1785	811
TVS016D 6/8 -H**B-A	2	1 5/8	41	7/8	22	124	56.3	2335	1061
TVS023D 6/8 -H**B-A	2	2 1/8	54	7/8	22	124	56.3	2385	1084
TVS028D 6/8 -H**B-A	2	2 1/8	54	1 1/8	29	157	71.2	2610	1186
TVS031D8-H**B-A	2	2 1/8	54	1 1/8	29	157	71.2	2625	1193

CONDENSING UNIT MODEL	CONDENSER FANS	UNIT CONNECTIONS				<b>R404A</b> RECEIVER CAPACITY 90% FULL *		APPROX. SHIPPING WEIGHT	
		SUCTION (OD)		LIQUID (OD)					
		Inches	mm	Inches	mm	Lbs.	Kgs	Lbs.	Kgs
TVD031H8-H**B-A	2	1 5/8	41	7/8	22	124	56.3	4065	1847
TVD041H8-H**B-A	2	1 5/8	41	7/8	22	124	56.3	4220	1941
TVD045H8-H**B-A	2	2 1/8	54	1 1/8	29	157	71.2	4445	2020
TVD051H8-H**B-A	3	2 1/8	54	1 1/8	29	157	71.2	5185	2357
TVD061H8-H**B-A	3	2 1/8	54	1 1/8	29	189	85.8	5475	2488
TVD071H8-H**B-A	4	2 1/8	54	1 1/8	29	254	115.3	6615	3006
TVD081H8-H**B-A	4	2 1/8	54	1 3/8	35	254	115.3	6920	3145
TVD031M8-H**B-A	2	1 5/8	41	7/8	22	124	56.3	4075	1852
TVD041M8-H**B-A	2	1 5/8	41	7/8	22	124	56.3	4230	1943
TVD045M8-H**B-A	2	2 1/8	54	1 1/8	29	157	71.2	4550	2068
TVD051M8-H**B-A	3	2 1/8	54	1 1/8	29	157	71.2	5195	2361
TVD061M8-H**B-A	3	2 1/8	54	1 1/8	29	189	85.8	5490	2495
TVD071M8-H**B-A	4	2 1/8	54	1 1/8	29	254	115.3	6620	3009
TVD081M8-H**B-A	4	2 1/8	54	1 1/8	29	254	115.3	6915	3143
TVD101M8-H**B-A	4	2 1/8	54	1 1/8	29	254	115.3	6960	3163
TVD021L 6/8 -H**B-A	1	1 3/8	35	5/8	16	124	56.3	3195	1452
TVD031L 6/8 -H**B-A	2	1 5/8	41	7/8	22	124	56.3	4220	1918
TVD045L 6/8 -H**B-A	2	2 1/8	54	7/8	22	124	56.3	4315	1961
TVD055L 6/8 -H**B-A	2	2 1/8	54	1 1/8	29	157	71.2	4760	2163
TVD061L 6/8 -H**B-A	2	2 1/8	54	1 1/8	29	157	71.2	4795	2179
TVD081L 6/8 -H**B-A	3	2 1/8	54	1 1/8	29	189	85.8	5535	2516
TVS021D 6/8 -H**B-A	1	1 3/8	35	5/8	16	124	56.3	3195	1452
TVS031D 6/8 -H**B-A	2	1 5/8	41	7/8	22	124	56.3	4220	1918
TVS045D 6/8 -H**B-A	2	2 1/8	54	7/8	22	124	56.3	4315	1961
TVS055D 6/8 -H**B-A	2	2 1/8	54	1 1/8	29	157	71.2	4760	2163
TVS061D8-H**B-A	2	2 1/8	54	1 1/8	29	157	71.2	4795	2179

\* NOTE ON ALTERNATE REFRIGERANTS: PUBLISHED RECEIVER CAPACITY IS  
BASED ON **R404A** ON MODELS USING "8" AS REFRIGERANT CODE.  
FOR ALERNATE 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 (AWEF) RATINGS - *HIGH EFFICIENCY COPELAND MODELS*

60Hz

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

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

Base Unit Model	Outdoor Models				
	R404A	R507	R407A	R448A	R449A
TVS016H8-A	7.6		7.6	7.6	-
TVS021H8-A	7.6		7.6	7.6	7.6
TVS023H8-A	7.6		7.6	7.6	7.6
TVS026H8-A	7.6		7.6	7.6	7.6
TVS031H8-A	7.6		7.6	7.6	7.6
TVS036H8-A	7.6		7.6	7.6	-
TVS041H8-A	7.6		7.6	7.6	7.6
TVD031H8-A	7.6		7.6	7.6	-
TVD041H8-A	7.6		7.6	7.6	7.6
TVD045H8-A	7.6		7.6	7.6	7.6
TVD051H8-A	7.6		7.6	7.6	7.6
TVD061H8-A	7.6		7.6	7.6	7.6
TVD071H8-A	7.6		7.6	7.6	-
TVD081H8-A	7.6		7.6	7.6	7.6
TVS016M8-A	7.6		7.6	7.6	-
TVS021M8-A	7.6		7.6	7.6	7.6
TVS023M8-A	7.6		7.6	7.6	7.6
TVS026M8-A	7.6		7.6	7.6	7.6
TVS031M8-A	7.6		7.6	7.6	7.6
TVS036M8-A	7.6		7.6	7.6	-
TVS041M8-A	7.6		7.6	7.6	7.6
TVS051M8-A	7.6		7.6	7.6	7.6
TVD031M8-A	7.6		7.6	7.6	-
TVD041M8-A	7.6		7.6	7.6	7.6
TVD045M8-A	7.6		7.6	7.6	7.6
TVD051M8-A	7.6		7.6	7.6	7.6
TVD061M8-A	7.6		7.6	7.6	7.6
TVD071M8-A	7.6		7.6	7.6	-
TVD081M8-A	7.6		7.6	7.6	7.6
TVD101M8-A	7.6		7.6	7.6	7.6
TVS011L 6/8 -A	-		-	-	-
TVS016L 6/8 -A	-		-	-	-
TVS023L 6/8 -A	-		-	-	-
TVS028L 6/8 -A	-		-	-	-
TVS031L 6/8 -A	-		-	-	-
TVS041L 6/8 -A	-		-	-	-
TVD021L 6/8 -A	-		-	-	-
TVD031L 6/8 -A	-		-	-	-
TVD045L 6/8 -A	-		-	-	-
TVD055L 6/8 -A	-		-	-	-
TVD061L 6/8 -A	-		-	-	-
TVD081L 6/8 -A	-		-	-	-
TVS011D 6/8 -A	3.15		3.15	3.15	-
TVS016D 6/8 -A	3.15		3.15	3.15	-
TVS023D 6/8 -A	3.15		3.15	3.15	-
TVS028D 6/8 -A	3.15		3.15	3.15	-
TVS031D 6/8 -A	-		3.15	3.15	-
TVS041D 6/8 -A	-		-	-	-
TVD021D 6/8 -A	3.15		3.15	3.15	-
TVD031D 6/8 -A	3.15		3.15	3.15	-
TVD045D 6/8 -A	3.15		3.15	3.15	-
TVD055D 6/8 -A	3.15		3.15	3.15	-
TVD061D 6/8 -A	-		3.15	3.15	-
TVD081D 6/8 -A	-		-	-	-

— = Non-compliant model

**TVS/D**

**WIRING DIAGRAMS**

**60Hz**

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

**TVS/D**

**NOTES**

**60Hz**

**TVS/D****PROJECT INFORMATION****60Hz**

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

# PRODUCT SUPPORT RESOURCES



PRODUCT SUPPORT

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



TROUBLESHOOTING

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



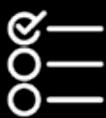
SERVICE PARTS

**web:** [www.t-rp.com/parts](http://www.t-rp.com/parts)  
**email:** [parts@t-rp.com](mailto:parts@t-rp.com)  
**call:** 1-844-893-3222 x522



WARRANTY

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



ORDERS

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



SHIPPING

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



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

