



PRODUCT DATA & SPECIFICATIONS

Bulletin T40-TV-B-PDS-25

Part # 1073951-B



PRODUCT SUPPORT

web: www.t-rp.com/tv

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call: 1-844-893-3222 x522



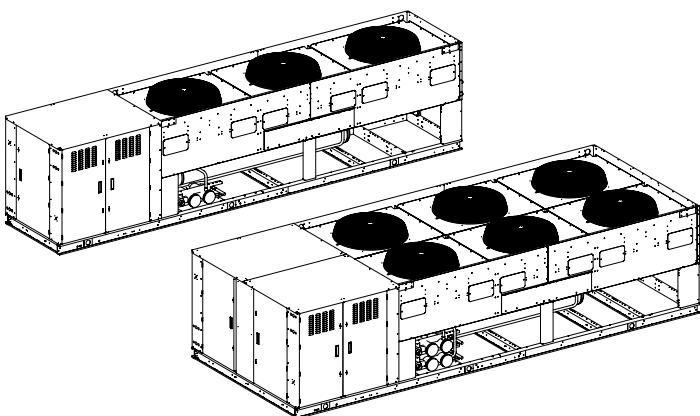
TV-Line Condensing Units

Bitzer
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 BITZER COMPRESSORS.
FOR UNITS WITH COPELAND COMPRESSORS, PLEASE SEE BULLETIN T40-TV-A-PDS-24**

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NOMENCLATURE

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

Trenton Vertical Air Flow Condensing Unit

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

Total HP

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

Application

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

Refrigerant

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

Enclosure

H = Outdoor

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

Compressor

B = Bitzer Semi-Hermetic
T = Bitzer 2 Stage Semi-Hermetic

For COPELAND models, please see:
Bulletin T40-TV-A-PDS-24

Series Generation

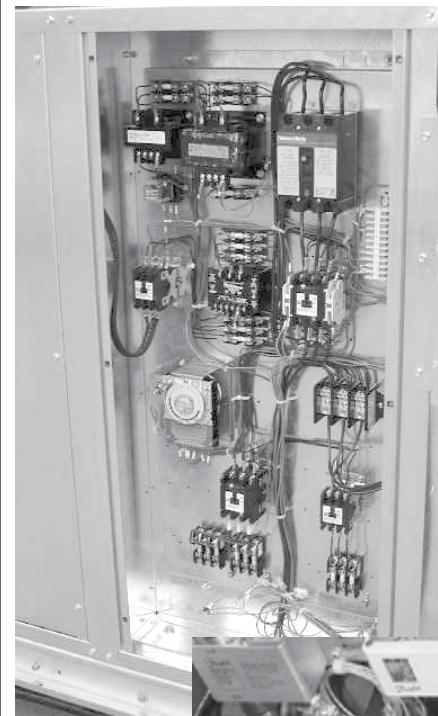
B = 2nd Generation
X = Special Custom Model
(Deviates from catalog)

Electrical Designation

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

* Subject to compressor availability

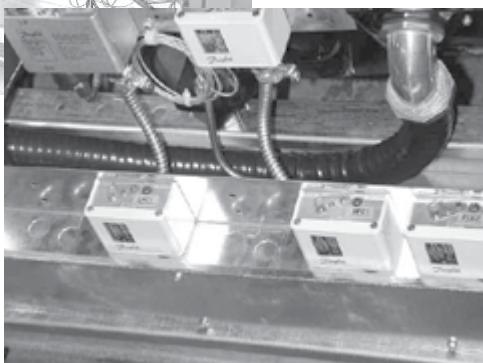
FEATURES



Electrical panel



Pre-formed internal piping



Raceway for pressure control connections



Sub cooler circuit on medium and low temperature models

Compatible with Low GWP Refrigerants

Units are **cUL_{us}** Listed.

Designed for use with various popular refrigerants.

Energy efficient compressors with POE oil. Several options to choose from: Copeland Discus, Bitzer reciprocating.

Single, dual and parallel-piped (optional) compressor configurations available.

Thermospan™ condenser core design eliminates tube sheet leaks and provides reliable operation.

3/8" condenser tubes reduces refrigerant charge.

Generously sized condenser allows unit to operate at higher than normal ambient conditions.

Optional coating and fin surfaces for condenser core protection available.

Specially designed, thermally protected and permanently lubricated ball bearing condenser fan motor(s).

Receivers (where used) are liberally sized and include inlet as well as outlet service valves.

- Subcooling circuit in condenser on all models (except H8 models) increases overall system efficiency and provides dependable compressor operation.
- Utilizes pre-formed internal piping, eliminates welded joints and reduces chances of a leak.
- Electrical components are housed in a spacious and conveniently located panel. In case of a compressor trip, (except on air conditioning models) a Lock-out relay de-energizes the liquid line solenoid valve. In addition, SPDT contact is provided for field wired alarm circuit.
- End compartment panels allow unrestricted access to service the compressor(s) and all other components.
- Raceway for pressure control wiring and connections provides neat appearance.
- Units are available with energy efficient Thermosaver™ hot gas defrost option.
- Units are environmentally friendly operating on less power and refrigerant charge.

STANDARD EFFICIENCY MODELS

FEATURES

Standard features include:

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

HIGH EFFICIENCY MODELS

FEATURES

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

Factory installed Options include:

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

TV

PRE-SELECTED FACTORY MOUNTED OPTION PACKAGES

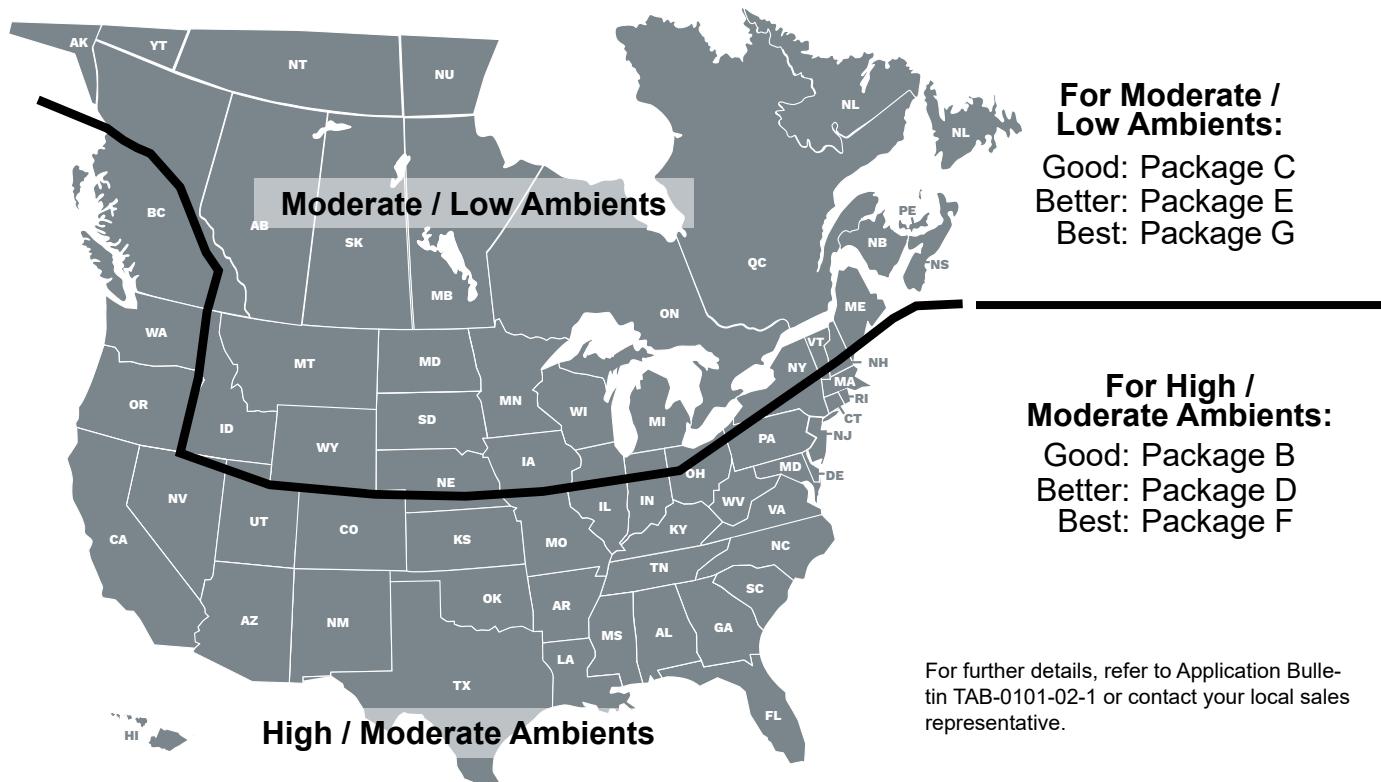
60Hz

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

¹ Phase Monitor - 6 Wire

For information on Evaporator Defrost Kits and Fuse Packages, visit www.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 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)		
TVS015H8-B Compressor 4PES-15	45 (7.2)	204.3 (59.9)	196.4 (57.5)	188.4 (55.2)	180.4 (52.9)	172.4 (50.5)	164.4 (48.2)		
	40 (4.4)	186.0 (54.5)	178.6 (52.3)	171.2 (50.2)	163.8 (48)	156.3 (45.8)	149.0 (43.7)		
	35 (1.7)	168.7 (49.5)	161.9 (47.5)	155.0 (45.4)	148.2 (43.4)	141.3 (41.4)	134.6 (39.5)		
TVS020H8-B Compressor 4NES-20	45 (7.2)	243.0 (71.2)	233.7 (68.5)	224.5 (65.8)	215.3 (63.1)	205.9 (60.3)	196.7 (57.6)		
	40 (4.4)	221.2 (64.8)	212.6 (62.3)	204.0 (59.8)	195.5 (57.3)	186.9 (54.8)	178.3 (52.3)		
	35 (1.7)	200.7 (58.8)	192.8 (56.5)	184.9 (54.2)	176.9 (51.9)	169.1 (49.5)	161.2 (47.2)		
TVS025H8-B Compressor 4HE-25	45 (7.2)	295.6 (86.6)	284.1 (83.3)	272.7 (79.9)	261.2 (76.6)	249.8 (73.2)	238.5 (69.9)		
	40 (4.4)	270.2 (79.2)	259.5 (76)	248.7 (72.9)	238.0 (69.8)	227.4 (66.7)	216.8 (63.5)		
	35 (1.7)	245.9 (72.1)	236.0 (69.2)	226.1 (66.3)	216.2 (63.4)	206.3 (60.5)	196.5 (57.6)		
TVS030H8-B Compressor 4GE-30	45 (7.2)	344.8 (101.1)	331.9 (97.3)	318.9 (93.5)	306.0 (89.7)	293.1 (85.9)	280.1 (82.1)		
	40 (4.4)	315.6 (92.5)	303.5 (88.9)	291.4 (85.4)	279.3 (81.9)	267.3 (78.3)	255.3 (74.8)		
	35 (1.7)	287.8 (84.3)	276.6 (81.1)	265.3 (77.8)	254.1 (74.5)	243.0 (71.2)	231.8 (67.9)		
TVS035H8-B Compressor 6HE-35	45 (7.2)	449.1 (131.6)	432.0 (126.6)	415.0 (121.6)	398.0 (116.6)	381.0 (111.7)	364.1 (106.7)		
	40 (4.4)	410.9 (120.4)	395.0 (115.8)	379.1 (111.1)	363.3 (106.5)	347.4 (101.8)	331.7 (97.2)		
	35 (1.7)	374.6 (109.8)	359.8 (105.5)	345.1 (101.1)	330.4 (96.8)	315.7 (92.5)	301.1 (88.3)		
TVS040H8-B Compressor 6GE-40	45 (7.2)	519.0 (152.1)	499.5 (146.4)	480.0 (140.7)	460.4 (134.9)	441.0 (129.2)	421.7 (123.6)		
	40 (4.4)	474.8 (139.2)	456.5 (133.8)	438.4 (128.5)	420.2 (123.2)	402.2 (117.9)	384.1 (112.6)		
	35 (1.7)	432.8 (126.8)	415.9 (121.9)	399.1 (117)	382.2 (112)	365.4 (107.1)	348.7 (102.2)		

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

CAPACITY DATA - R407A
MEDIUM TEMPERATURE

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

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

CAPACITY DATA - R407A
LOW TEMPERATURE

60Hz

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE	CAPACITY MBH (KW)				R407A	AMBIENT TEMPERATURE °F (°C)			
		85 °F (29.4)	90 (32.2)	95 (35)	100 (37.8)		105 (40.6)	110 (43.3)		
Compressor Model 4NES-14	0 (-17.8)	83.4 (24.4)	79.5 (23.3)	75.6 (22.2)	71.7 (21)	67.8 (19.9)	64.1 (18.8)			
	-5 (-20.6)	73.4 (21.5)	69.8 (20.5)	66.4 (19.4)	62.9 (18.4)	59.4 (17.4)	56.0 (16.4)			
	-10 (-23.3)	64.2 (18.8)	60.9 (17.8)	57.8 (16.9)	54.6 (16)	51.6 (15.1)	48.4 (14.2)			
	-15 (-26.1)	55.5 (16.3)	52.7 (15.4)	49.9 (14.6)	47.0 (13.8)	44.2 (13)	41.5 (12.2)			
	-20 (-28.9)	47.6 (13.9)	45.0 (13.2)	42.5 (12.5)	40.0 (11.7)	37.5 (11)	35.1 (10.3)			
	-25 (-31.7)	40.3 (11.8)	38.0 (11.1)	35.7 (10.5)	33.5 (9.8)	31.3 (9.2)	29.1 (8.5)			
	-30 (-34.4)	33.5 (9.8)	31.5 (9.2)	29.4 (8.6)	27.4 (8)	25.4 (7.4)	23.5 (6.9)			
	-35 (-37.2)	27.2 (8)	25.4 (7.4)	23.6 (6.9)	21.7 (6.4)	20.1 (5.9)	18.3 (5.4)			
Compressor Model 4HE-18	-40 (-40)	21.4 (6.3)	19.7 (5.8)	18.2 (5.3)	16.5 (4.8)	14.9 (4.4)	13.3 (3.9)			
	0 (-17.8)	109.4 (32.1)	104.4 (30.6)	99.4 (29.1)	94.6 (27.7)	89.8 (26.3)	85.1 (24.9)			
	-5 (-20.6)	96.6 (28.3)	92.1 (27)	87.7 (25.7)	83.3 (24.4)	78.9 (23.1)	74.6 (21.8)			
	-10 (-23.3)	84.6 (24.8)	80.5 (23.6)	76.5 (22.4)	72.6 (21.3)	68.7 (20.1)	64.8 (19)			
	-15 (-26.1)	73.4 (21.5)	69.7 (20.4)	66.2 (19.4)	62.6 (18.3)	59.1 (17.3)	55.7 (16.3)			
	-20 (-28.9)	62.9 (18.4)	59.6 (17.5)	56.4 (16.5)	53.2 (15.6)	50.1 (14.7)	47.0 (13.8)			
	-25 (-31.7)	53.0 (15.5)	50.2 (14.7)	47.3 (13.8)	44.4 (13)	41.7 (12.2)	39.0 (11.4)			
	-30 (-34.4)	43.8 (12.8)	41.3 (12.1)	38.6 (11.3)	36.2 (10.6)	33.7 (9.9)	31.4 (9.2)			
Compressor Model 4GE-23	-35 (-37.2)	35.1 (10.3)	32.9 (9.6)	30.6 (9)	28.4 (8.3)	26.3 (7.7)	24.2 (7.1)			
	-40 (-40)	26.9 (7.9)	24.9 (7.3)	22.9 (6.7)	20.9 (6.1)	19.0 (5.6)	17.1 (5)			
	0 (-17.8)	132.9 (39)	127.3 (37.3)	121.7 (35.7)	116.1 (34)	110.7 (32.4)	105.2 (30.8)			
	-5 (-20.6)	117.6 (34.5)	112.6 (33)	107.4 (31.5)	102.5 (30)	97.5 (28.6)	92.6 (27.1)			
	-10 (-23.3)	103.3 (30.3)	98.7 (28.9)	94.2 (27.6)	89.7 (26.3)	85.3 (25)	81.0 (23.7)			
	-15 (-26.1)	90.0 (26.4)	85.9 (25.2)	81.8 (24)	77.8 (22.8)	73.8 (21.6)	69.9 (20.5)			
	-20 (-28.9)	77.5 (22.7)	73.8 (21.6)	70.2 (20.6)	66.7 (19.5)	63.2 (18.5)	59.7 (17.5)			
	-25 (-31.7)	65.8 (19.3)	62.6 (18.3)	59.4 (17.4)	56.3 (16.5)	53.1 (15.6)	50.2 (14.7)			
Compressor Model 6HE-28	-30 (-34.4)	54.9 (16.1)	52.1 (15.3)	49.2 (14.4)	46.4 (13.6)	43.8 (12.8)	41.1 (12)			
	-35 (-37.2)	44.6 (13.1)	42.1 (12.3)	39.6 (11.6)	37.2 (10.9)	34.9 (10.2)	32.4 (9.5)			
	-40 (-40)	34.9 (10.2)	32.7 (9.6)	30.5 (8.9)	28.4 (8.3)	26.3 (7.7)	24.3 (7.1)			
	0 (-17.8)	167.9 (49.2)	160.2 (47)	152.8 (44.8)	145.3 (42.6)	138.0 (40.4)	130.7 (38.3)			
	-5 (-20.6)	148.1 (43.4)	141.1 (41.4)	134.4 (39.4)	127.7 (37.4)	121.1 (35.5)	114.5 (33.5)			
	-10 (-23.3)	129.5 (37.9)	123.3 (36.1)	117.2 (34.3)	111.1 (32.6)	105.2 (30.8)	99.3 (29.1)			
	-15 (-26.1)	112.1 (32.9)	106.6 (31.2)	101.1 (29.6)	95.8 (28.1)	90.4 (26.5)	85.2 (25)			
	-20 (-28.9)	96.0 (28.1)	91.0 (26.7)	86.2 (25.3)	81.4 (23.8)	76.7 (22.5)	71.9 (21.1)			
Compressor Model 6GE-34	-25 (-31.7)	81.0 (23.7)	76.5 (22.4)	72.1 (21.1)	67.9 (19.9)	63.7 (18.7)	59.5 (17.4)			
	-30 (-34.4)	66.8 (19.6)	62.9 (18.4)	59.0 (17.3)	55.2 (16.2)	51.6 (15.1)	47.9 (14)			
	-35 (-37.2)	53.4 (15.7)	50.1 (14.7)	46.6 (13.7)	43.3 (12.7)	40.0 (11.7)	36.9 (10.8)			
	-40 (-40)	41.0 (12)	37.9 (11.1)	34.9 (10.2)	31.9 (9.4)	29.1 (8.5)	26.3 (7.7)			
	0 (-17.8)	188.6 (55.3)	180.1 (52.8)	171.6 (50.3)	163.3 (47.9)	155.1 (45.5)	147.0 (43.1)			
	-5 (-20.6)	166.6 (48.8)	159.0 (46.6)	151.3 (44.3)	143.9 (42.2)	136.4 (40)	129.0 (37.8)			
	-10 (-23.3)	146.2 (42.8)	139.2 (40.8)	132.3 (38.8)	125.6 (36.8)	118.9 (34.8)	112.2 (32.9)			
	-15 (-26.1)	126.9 (37.2)	120.6 (35.4)	114.6 (33.6)	108.5 (31.8)	102.5 (30)	96.6 (28.3)			
Compressor Model 6FE-44	-20 (-28.9)	108.9 (31.9)	103.3 (30.3)	97.9 (28.7)	92.4 (27.1)	87.0 (25.5)	81.9 (24)			
	-25 (-31.7)	92.0 (27)	87.0 (25.5)	82.1 (24.1)	77.4 (22.7)	72.7 (21.3)	68.0 (19.9)			
	-30 (-34.4)	76.1 (22.3)	71.7 (21)	67.4 (19.8)	63.1 (18.5)	59.0 (17.3)	54.9 (16.1)			
	-35 (-37.2)	61.1 (17.9)	57.3 (16.8)	53.4 (15.7)	49.7 (14.6)	46.0 (13.5)	42.4 (12.4)			
	-40 (-40)	47.0 (13.8)	43.6 (12.8)	40.2 (11.8)	36.9 (10.8)	33.6 (9.8)	30.6 (9)			
	0 (-17.8)	225.6 (66.1)	215.7 (63.2)	205.8 (60.3)	195.9 (57.4)	186.3 (54.6)	176.8 (51.8)			
	-5 (-20.6)	199.8 (58.6)	190.8 (55.9)	181.8 (53.3)	172.9 (50.7)	164.2 (48.1)	155.6 (45.6)			
	-10 (-23.3)	175.6 (51.5)	167.4 (49.1)	159.3 (46.7)	151.3 (44.3)	143.4 (42)	135.8 (39.8)			
Compressor Model 6FE-44	-15 (-26.1)	152.8 (44.8)	145.4 (42.6)	138.2 (40.5)	131.0 (38.4)	124.0 (36.3)	117.1 (34.3)			
	-20 (-28.9)	131.4 (38.5)	124.8 (36.6)	118.3 (34.7)	112.0 (32.8)	105.7 (31)	99.6 (29.2)			
	-25 (-31.7)	111.3 (32.6)	105.5 (30.9)	99.8 (29.2)	94.1 (27.6)	88.6 (26)	83.2 (24.4)			
	-30 (-34.4)	92.4 (27.1)	87.3 (25.6)	82.2 (24.1)	77.3 (22.6)	72.3 (21.2)	67.6 (19.8)			
	-35 (-37.2)	74.7 (21.9)	70.1 (20.6)	65.6 (19.2)	61.2 (17.9)	56.9 (16.7)	52.8 (15.5)			
	-40 (-40)	57.8 (16.9)	53.8 (15.8)	49.8 (14.6)	46.0 (13.5)	42.2 (12.4)	38.5 (11.3)			

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

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

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE	CAPACITY MBH (KW) R407A						AMBIENT TEMPERATURE °F (°C)		
		85 (29.4)	90 (32.2)	95 (35)	100 (37.8)	105 (40.6)	110 (43.3)			
TVS012D8-B Compressor Model 4NES-14	0 (-17.8)	81.7 (23.9)	77.9 (22.8)	74.0 (21.7)	70.2 (20.6)	66.5 (19.5)	62.7 (18.4)			
	-5 (-20.6)	72.1 (21.1)	68.6 (20.1)	65.1 (19.1)	61.7 (18.1)	58.2 (17.1)	54.9 (16.1)			
	-10 (-23.3)	63.1 (18.5)	59.9 (17.6)	56.8 (16.6)	53.7 (15.7)	50.6 (14.8)	47.6 (14)			
	-15 (-26.1)	54.7 (16)	51.8 (15.2)	49.0 (14.4)	46.3 (13.6)	43.5 (12.7)	40.8 (12)			
	-20 (-28.9)	46.9 (13.7)	44.4 (13)	41.9 (12.3)	39.4 (11.5)	36.9 (10.8)	34.5 (10.1)			
	-25 (-31.7)	39.7 (11.6)	37.5 (11)	35.2 (10.3)	33.0 (9.7)	30.8 (9)	28.6 (8.4)			
	-30 (-34.4)	33.1 (9.7)	31.0 (9.1)	29.0 (8.5)	27.0 (7.9)	25.1 (7.4)	23.2 (6.8)			
	-35 (-37.2)	26.9 (7.9)	25.1 (7.4)	23.3 (6.8)	21.5 (6.3)	19.7 (5.8)	18.0 (5.3)			
	-40 (-40)	21.2 (6.2)	19.5 (5.7)	17.9 (5.2)	16.3 (4.8)	14.7 (4.3)	13.2 (3.9)			
	0 (-17.8)	106.4 (31.2)	101.6 (29.8)	96.8 (28.4)	92.0 (27)	87.3 (25.6)	82.7 (24.2)			
TVS015D8-B Compressor Model 4HE-18	-5 (-20.6)	94.2 (27.6)	89.8 (26.3)	85.4 (25)	81.1 (23.8)	76.8 (22.5)	72.7 (21.3)			
	-10 (-23.3)	82.7 (24.2)	78.7 (23.1)	74.7 (21.9)	70.8 (20.7)	67.0 (19.6)	63.2 (18.5)			
	-15 (-26.1)	71.8 (21)	68.3 (20)	64.7 (19)	61.2 (17.9)	57.8 (16.9)	54.4 (15.9)			
	-20 (-28.9)	61.6 (18.1)	58.4 (17.1)	55.3 (16.2)	52.1 (15.3)	49.1 (14.4)	46.1 (13.5)			
	-25 (-31.7)	52.1 (15.3)	49.2 (14.4)	46.4 (13.6)	43.6 (12.8)	40.9 (12)	38.2 (11.2)			
	-30 (-34.4)	43.0 (12.6)	40.5 (11.9)	38.0 (11.1)	35.5 (10.4)	33.1 (9.7)	30.8 (9)			
	-35 (-37.2)	34.5 (10.1)	32.2 (9.4)	30.0 (8.8)	27.8 (8.1)	25.7 (7.5)	23.7 (6.9)			
	-40 (-40)	26.4 (7.7)	24.4 (7.2)	22.4 (6.6)	20.5 (6)	18.6 (5.5)	16.8 (4.9)			
	0 (-17.8)	130.8 (38.3)	125.2 (36.7)	119.7 (35.1)	114.2 (33.5)	108.7 (31.9)	103.4 (30.3)			
	-5 (-20.6)	115.9 (34)	110.8 (32.5)	105.8 (31)	100.9 (29.6)	96.0 (28.1)	91.2 (26.7)			
TVS020D8-B Compressor Model 4GE-23	-10 (-23.3)	101.9 (29.9)	97.3 (28.5)	92.9 (27.2)	88.4 (25.9)	84.0 (24.6)	79.7 (23.4)			
	-15 (-26.1)	88.8 (26)	84.7 (24.8)	80.7 (23.7)	76.8 (22.5)	72.8 (21.3)	69.0 (20.2)			
	-20 (-28.9)	76.6 (22.4)	72.9 (21.4)	69.4 (20.3)	65.8 (19.3)	62.4 (18.3)	59.0 (17.3)			
	-25 (-31.7)	65.1 (19.1)	61.9 (18.1)	58.7 (17.2)	55.6 (16.3)	52.5 (15.4)	49.5 (14.5)			
	-30 (-34.4)	54.3 (15.9)	51.5 (15.1)	48.7 (14.3)	45.9 (13.5)	43.2 (12.7)	40.6 (11.9)			
	-35 (-37.2)	44.2 (13)	41.7 (12.2)	39.2 (11.5)	36.8 (10.8)	34.4 (10.1)	32.1 (9.4)			
	-40 (-40)	34.5 (10.1)	32.3 (9.5)	30.2 (8.9)	28.1 (8.2)	26.0 (7.6)	24.0 (7)			
	0 (-17.8)	164.7 (48.3)	157.2 (46.1)	149.8 (43.9)	142.5 (41.8)	135.3 (39.7)	128.2 (37.6)			
	-5 (-20.6)	145.4 (42.6)	138.7 (40.6)	132.0 (38.7)	125.3 (36.7)	118.8 (34.8)	112.4 (32.9)			
	-10 (-23.3)	127.4 (37.3)	121.3 (35.5)	115.2 (33.8)	109.3 (32)	103.4 (30.3)	97.6 (28.6)			
TVS025D8-B Compressor Model 6HE-28	-15 (-26.1)	110.5 (32.4)	105.0 (30.8)	99.6 (29.2)	94.2 (27.6)	88.9 (26.1)	83.8 (24.6)			
	-20 (-28.9)	94.6 (27.7)	89.7 (26.3)	84.9 (24.9)	80.1 (23.5)	75.5 (22.1)	70.9 (20.8)			
	-25 (-31.7)	79.8 (23.4)	75.5 (22.1)	71.2 (20.9)	66.9 (19.6)	62.8 (18.4)	58.7 (17.2)			
	-30 (-34.4)	65.9 (19.3)	62.1 (18.2)	58.3 (17.1)	54.5 (16)	50.8 (14.9)	47.2 (13.8)			
	-35 (-37.2)	52.8 (15.5)	49.4 (14.5)	46.1 (13.5)	42.7 (12.5)	39.5 (11.6)	36.4 (10.7)			
	-40 (-40)	40.5 (11.9)	37.4 (11)	34.5 (10.1)	31.5 (9.2)	28.7 (8.4)	25.9 (7.6)			
	0 (-17.8)	184.5 (54.1)	176.2 (51.6)	167.9 (49.2)	159.7 (46.8)	151.6 (44.4)	143.7 (42.1)			
	-5 (-20.6)	163.4 (47.9)	155.8 (45.7)	148.3 (43.5)	140.9 (41.3)	133.6 (39.2)	126.4 (37)			
	-10 (-23.3)	143.5 (42.1)	136.6 (40)	129.9 (38.1)	123.2 (36.1)	116.6 (34.2)	110.1 (32.3)			
	-15 (-26.1)	124.8 (36.6)	118.6 (34.8)	112.5 (33)	106.5 (31.2)	100.6 (29.5)	94.8 (27.8)			
TVS030D8-B Compressor Model 6GE-34	-20 (-28.9)	107.2 (31.4)	101.7 (29.8)	96.2 (28.2)	90.9 (26.6)	85.6 (25.1)	80.5 (23.6)			
	-25 (-31.7)	90.6 (26.6)	85.7 (25.1)	80.9 (23.7)	76.1 (22.3)	71.5 (21)	66.9 (19.6)			
	-30 (-34.4)	75.1 (22)	70.7 (20.7)	66.4 (19.5)	62.2 (18.2)	58.1 (17)	54.1 (15.9)			
	-35 (-37.2)	60.3 (17.7)	56.5 (16.6)	52.7 (15.4)	49.0 (14.4)	45.4 (13.3)	41.8 (12.3)			
	-40 (-40)	46.4 (13.6)	43.0 (12.6)	39.6 (11.6)	36.4 (10.7)	33.2 (9.7)	30.1 (8.8)			
	0 (-17.8)	184.5 (54.1)	176.2 (51.6)	167.9 (49.2)	159.7 (46.8)	151.6 (44.4)	143.7 (42.1)			
	-5 (-20.6)	163.4 (47.9)	155.8 (45.7)	148.3 (43.5)	140.9 (41.3)	133.6 (39.2)	126.4 (37)			

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)		
TVS015H8-B Compressor 4PES-15	45 (7.2)	210.0 (61.5)	201.6 (59.1)	193.3 (56.7)	185.0 (54.2)	176.8 (51.8)	168.5 (49.4)		
	40 (4.4)	191.0 (56)	183.3 (53.7)	175.6 (51.5)	167.9 (49.2)	160.2 (47)	152.6 (44.7)		
	35 (1.7)	173.1 (50.7)	166.0 (48.7)	158.9 (46.6)	151.8 (44.5)	144.7 (42.4)	137.7 (40.3)		
TVS020H8-B Compressor 4NES-20	45 (7.2)	251.6 (73.7)	242.0 (70.9)	232.5 (68.1)	222.9 (65.3)	213.4 (62.5)	---	---	
	40 (4.4)	229.1 (67.1)	220.2 (64.5)	211.3 (61.9)	202.4 (59.3)	193.6 (56.7)	184.8 (54.2)		
	35 (1.7)	207.9 (60.9)	199.6 (58.5)	191.4 (56.1)	183.3 (53.7)	175.1 (51.3)	167.1 (49)		
TVS025H8-B Compressor 4HE-25	45 (7.2)	308.7 (90.5)	296.9 (87)	285.2 (83.6)	273.3 (80.1)	---	---	---	---
	40 (4.4)	283.3 (83)	272.4 (79.8)	261.3 (76.6)	250.3 (73.4)	239.3 (70.1)	---	---	
	35 (1.7)	259.0 (75.9)	248.9 (72.9)	238.8 (70)	228.5 (67)	218.3 (64)	207.9 (60.9)		
TVS030H8-B Compressor 4GE-30	45 (7.2)	353.6 (103.6)	339.9 (99.6)	326.1 (95.6)	312.3 (91.5)	---	---	---	---
	40 (4.4)	324.8 (95.2)	312.0 (91.4)	299.1 (87.7)	286.2 (83.9)	273.3 (80.1)	---	---	
	35 (1.7)	297.2 (87.1)	285.4 (83.6)	273.5 (80.2)	261.6 (76.7)	249.6 (73.1)	237.5 (69.6)		
TVS035H8-B Compressor 6HE-35	45 (7.2)	455.1 (133.4)	438.1 (128.4)	420.9 (123.4)	361.8 (106)	---	---	---	---
	40 (4.4)	417.5 (122.4)	401.6 (117.7)	385.7 (113)	329.5 (96.6)	369.6 (354)	---	---	
	35 (1.7)	381.7 (111.9)	367.0 (107.5)	352.2 (103.2)	299.1 (87.7)	337.4 (322)	307.4 (90.1)		
TVS040H8-B Compressor 6GE-40	45 (7.2)	517.7 (151.7)	497.6 (145.8)	477.5 (140)	457.3 (134)	437.0 (128.1)	---	---	
	40 (4.4)	475.4 (139.3)	456.9 (133.9)	438.3 (128.4)	419.5 (122.9)	400.7 (117.4)	381.7 (111.9)		
	35 (1.7)	435.1 (127.5)	418.0 (122.5)	400.9 (117.5)	383.6 (112.4)	366.1 (107.3)	348.7 (102.2)		

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

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

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

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CAPACITY DATA - R448A R449A

LOW TEMPERATURE

60Hz

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °F °C	CAPACITY MBH (KW)								AMBIENT TEMPERATURE °F (°C)	
		85 (29.4)	90 (32.2)	95 (35)	100 (37.8)	105 (40.6)	110 (43.3)	R448A	R449A		
Compressor Model 4NES-14	0 (-17.8)	86.5 (25.4)	82.4 (24.2)	78.3 (23)	74.2 (21.8)	70.1 (20.6)	66.0 (19.4)				
	-5 (-20.6)	76.4 (22.4)	72.8 (21.3)	69.1 (20.2)	65.4 (19.2)	61.6 (18.1)	58.0 (17)				
	-10 (-23.3)	67.1 (19.7)	63.7 (18.7)	60.5 (17.7)	57.1 (16.7)	53.9 (15.8)	50.5 (14.8)				
	-15 (-26.1)	58.5 (17.1)	55.5 (16.3)	52.5 (15.4)	49.6 (14.5)	46.6 (13.7)	43.6 (12.8)				
	-20 (-28.9)	50.5 (14.8)	47.9 (14)	45.3 (13.3)	42.6 (12.5)	39.9 (11.7)	37.3 (10.9)				
	-25 (-31.7)	43.3 (12.7)	41.0 (12)	38.5 (11.3)	36.2 (10.6)	33.8 (9.9)	31.5 (9.2)				
	-30 (-34.4)	36.6 (10.7)	34.5 (10.1)	32.4 (9.5)	30.2 (8.9)	28.1 (8.2)	26.0 (7.6)				
	-35 (-37.2)	30.6 (9)	28.7 (8.4)	26.8 (7.8)	24.9 (7.3)	23.0 (6.7)	21.1 (6.2)				
	-40 (-40)	25.1 (7.4)	23.3 (6.8)	21.6 (6.3)	19.8 (5.8)	---	---				
Compressor Model 4HE-18	0 (-17.8)	117.2 (34.3)	112.1 (32.9)	107.1 (31.4)	102.1 (29.9)	97.0 (28.4)	92.0 (27)				
	-5 (-20.6)	104.4 (30.6)	99.9 (29.3)	95.2 (27.9)	90.6 (26.6)	86.1 (25.2)	81.5 (23.9)				
	-10 (-23.3)	92.4 (27.1)	88.2 (25.8)	84.1 (24.6)	80.0 (23.4)	75.9 (22.2)	71.8 (21)				
	-15 (-26.1)	81.2 (23.8)	77.5 (22.7)	73.8 (21.6)	70.0 (20.5)	66.4 (19.4)	62.7 (18.4)				
	-20 (-28.9)	70.8 (20.7)	67.4 (19.8)	64.2 (18.8)	60.8 (17.8)	57.5 (16.9)	54.2 (15.9)				
	-25 (-31.7)	61.1 (17.9)	58.1 (17)	55.1 (16.2)	52.2 (15.3)	49.2 (14.4)	46.3 (13.6)				
	-30 (-34.4)	52.1 (15.3)	49.5 (14.5)	46.7 (13.7)	44.1 (12.9)	41.5 (12.2)	38.9 (11.4)				
	-35 (-37.2)	43.8 (12.8)	41.4 (12.1)	39.0 (11.4)	36.6 (10.7)	34.2 (10)	31.9 (9.4)				
	-40 (-40)	36.0 (10.6)	33.9 (9.9)	31.7 (9.3)	29.6 (8.7)	---	---				
Compressor Model 4GE-23	0 (-17.8)	140.6 (41.2)	134.8 (39.5)	129.0 (37.8)	123.2 (36.1)	117.4 (34.4)	111.5 (32.7)				
	-5 (-20.6)	125.3 (36.7)	120.1 (35.2)	114.9 (33.7)	109.6 (32.1)	104.4 (30.6)	99.1 (29)				
	-10 (-23.3)	111.0 (32.5)	106.4 (31.2)	101.6 (29.8)	97.0 (28.4)	92.3 (27)	87.7 (25.7)				
	-15 (-26.1)	97.7 (28.6)	93.6 (27.4)	89.4 (26.2)	85.3 (25)	81.1 (23.8)	77.0 (22.6)				
	-20 (-28.9)	85.4 (25)	81.7 (23.9)	78.0 (22.9)	74.3 (21.8)	70.7 (20.7)	67.0 (19.6)				
	-25 (-31.7)	73.9 (21.7)	70.7 (20.7)	67.4 (19.8)	64.2 (18.8)	60.9 (17.8)	57.6 (16.9)				
	-30 (-34.4)	63.3 (18.6)	60.4 (17.7)	57.5 (16.9)	54.7 (16)	51.8 (15.2)	49.0 (14.4)				
	-35 (-37.2)	53.6 (15.7)	50.9 (14.9)	48.4 (14.2)	45.9 (13.4)	43.4 (12.7)	---				
	-40 (-40)	44.4 (13)	42.1 (12.3)	39.9 (11.7)	37.6 (11)	---	---				
Compressor Model 6HE-28	0 (-17.8)	176.8 (51.8)	169.4 (49.6)	161.9 (47.5)	154.4 (45.2)	146.8 (43)	139.2 (40.8)				
	-5 (-20.6)	157.2 (46.1)	150.5 (44.1)	143.6 (42.1)	136.8 (40.1)	130.0 (38.1)	123.2 (36.1)				
	-10 (-23.3)	138.9 (40.7)	132.8 (38.9)	126.7 (37.1)	120.5 (35.3)	114.3 (33.5)	108.2 (31.7)				
	-15 (-26.1)	122.0 (35.8)	116.4 (34.1)	111.0 (32.5)	105.4 (30.9)	99.9 (29.3)	94.3 (27.6)				
	-20 (-28.9)	106.3 (31.1)	101.3 (29.7)	96.3 (28.2)	91.4 (26.8)	86.3 (25.3)	81.3 (23.8)				
	-25 (-31.7)	91.7 (26.9)	87.3 (25.6)	82.7 (24.2)	78.3 (23)	73.8 (21.6)	69.3 (20.3)				
	-30 (-34.4)	78.3 (23)	74.2 (21.8)	70.2 (20.6)	66.2 (19.4)	62.2 (18.2)	58.1 (17)				
	-35 (-37.2)	65.8 (19.3)	62.3 (18.2)	58.6 (17.2)	54.9 (16.1)	51.2 (15)	47.6 (13.9)				
	-40 (-40)	54.4 (15.9)	51.1 (15)	47.8 (14)	44.4 (13)	---	---				
Compressor Model 6GE-34	0 (-17.8)	204.9 (60)	196.7 (57.6)	188.5 (55.2)	180.2 (52.8)	171.8 (50.3)	163.3 (47.9)				
	-5 (-20.6)	183.4 (53.8)	176.2 (51.6)	168.7 (49.5)	161.3 (47.3)	153.7 (45.1)	146.1 (42.8)				
	-10 (-23.3)	163.4 (47.9)	156.9 (46)	150.2 (44)	143.5 (42.1)	136.7 (40.1)	129.8 (38)				
	-15 (-26.1)	144.6 (42.4)	138.7 (40.7)	132.8 (38.9)	126.8 (37.2)	120.6 (35.4)	114.5 (33.5)				
	-20 (-28.9)	127.1 (37.2)	121.8 (35.7)	116.6 (34.2)	111.1 (32.6)	105.6 (31)	100.1 (29.3)				
	-25 (-31.7)	110.7 (32.4)	106.1 (31.1)	101.3 (29.7)	96.5 (28.3)	91.6 (26.8)	86.5 (25.4)				
	-30 (-34.4)	95.6 (28)	91.4 (26.8)	87.0 (25.5)	82.7 (24.2)	78.3 (23)	73.8 (21.6)				
	-35 (-37.2)	81.4 (23.8)	77.6 (22.7)	73.8 (21.6)	69.8 (20.5)	65.8 (19.3)	---				
	-40 (-40)	68.4 (20)	64.9 (19)	61.3 (18)	57.8 (16.9)	---	---				
Compressor Model 6FE-44	0 (-17.8)	242.9 (71.2)	232.9 (68.3)	222.8 (65.3)	212.7 (62.3)	202.5 (59.4)	192.3 (56.3)				
	-5 (-20.6)	217.2 (63.7)	208.2 (61)	199.2 (58.4)	190.1 (55.7)	180.8 (53)	171.6 (50.3)				
	-10 (-23.3)	193.2 (56.6)	185.0 (54.2)	176.8 (51.8)	168.6 (49.4)	160.3 (47)	151.9 (44.5)				
	-15 (-26.1)	170.5 (50)	163.2 (47.8)	155.8 (45.7)	148.4 (43.5)	140.9 (41.3)	133.4 (39.1)				
	-20 (-28.9)	149.3 (43.8)	142.8 (41.9)	136.1 (39.9)	129.4 (37.9)	122.6 (35.9)	115.7 (33.9)				
	-25 (-31.7)	129.6 (38)	123.6 (36.2)	117.6 (34.5)	111.5 (32.7)	105.3 (30.9)	99.1 (29)				
	-30 (-34.4)	111.1 (32.6)	105.7 (31)	100.3 (29.4)	94.7 (27.8)	89.0 (26.1)	83.4 (24.4)				
	-35 (-37.2)	94.0 (27.5)	89.0 (26.1)	84.0 (24.6)	78.9 (23.1)	73.6 (21.6)	---				
	-40 (-40)	78.0 (22.9)	73.4 (21.5)	68.7 (20.1)	63.8 (18.7)	---	---				

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

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

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

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

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW)				R448A R449A				AMBIENT TEMPERATURE °F (°C)	
			85 °F (29.4)	90 (32.2)	95 (35)	100 (37.8)	105 (40.6)	110 (43.3)				
TVS008V8-B Compressor Model S4N-8.2	-25 (-31.7)	33.3 (9.8)	32.6 (9.6)	32.0 (9.4)	31.4 (9.2)	30.9 (9.1)	30.4 (8.9)					
	-30 (-34.4)	29.4 (8.6)	28.7 (8.4)	28.1 (8.2)	27.5 (8.1)	27.0 (7.9)	26.5 (7.8)					
	-35 (-37.2)	25.8 (7.6)	25.2 (7.4)	24.6 (7.2)	24.0 (7)	23.4 (6.9)	22.9 (6.7)					
	-40 (-40)	22.5 (6.6)	21.9 (6.4)	21.3 (6.2)	20.7 (6.1)	20.2 (5.9)	19.7 (5.8)					
	-45 (-42.8)	19.4 (5.7)	18.9 (5.5)	18.3 (5.4)	17.8 (5.2)	17.2 (5)	16.7 (4.9)					
	-50 (-45.6)	16.7 (4.9)	16.2 (4.7)	15.6 (4.6)	15.1 (4.4)	14.6 (4.3)	14.1 (4.1)					
	-55 (-48.3)	14.2 (4.2)	13.7 (4)	13.2 (3.9)	12.7 (3.7)	12.2 (3.6)	11.7 (3.4)					
	-60 (-51.1)	11.9 (3.5)	11.5 (3.4)	11.0 (3.2)	10.5 (3.1)	10.0 (2.9)	9.5 (2.8)					
TVS012V8-B Compressor Model S4G-12.2	-25 (-31.7)	49.7 (14.6)	48.8 (14.3)	47.8 (14)	47.0 (13.8)	46.2 (13.5)	45.5 (13.3)					
	-30 (-34.4)	43.9 (12.9)	42.9 (12.6)	42.0 (12.3)	41.1 (12)	40.4 (11.8)	39.6 (11.6)					
	-35 (-37.2)	38.5 (11.3)	37.6 (11)	36.7 (10.8)	35.8 (10.5)	35.0 (10.3)	34.3 (10.1)					
	-40 (-40)	33.5 (9.8)	32.7 (9.6)	31.8 (9.3)	30.9 (9.1)	30.1 (8.8)	29.4 (8.6)					
	-45 (-42.8)	29.0 (8.5)	28.2 (8.3)	27.3 (8)	26.5 (7.8)	25.7 (7.5)	24.9 (7.3)					
	-50 (-45.6)	24.9 (7.3)	24.1 (7.1)	23.3 (6.8)	22.5 (6.6)	21.7 (6.4)	21.0 (6.2)					
	-55 (-48.3)	21.2 (6.2)	20.4 (6)	19.7 (5.8)	18.9 (5.5)	18.1 (5.3)	17.4 (5.1)					
	-60 (-51.1)	17.9 (5.2)	17.1 (5)	16.4 (4.8)	15.7 (4.6)	14.9 (4.4)	14.2 (4.2)					
TVS016V8-B Compressor Model S6J-16.2	-25 (-31.7)	73.0 (21.4)	71.6 (21)	70.3 (20.6)	69.1 (20.3)	68.1 (20)	-	#VALUE!				
	-30 (-34.4)	64.4 (18.9)	63.0 (18.5)	61.7 (18.1)	60.5 (17.7)	59.4 (17.4)	58.5 (17.1)					
	-35 (-37.2)	56.4 (16.5)	55.1 (16.1)	53.8 (15.8)	52.5 (15.4)	51.4 (15.1)	50.4 (14.8)					
	-40 (-40)	49.2 (14.4)	47.8 (14)	46.6 (13.7)	45.3 (13.3)	44.2 (13)	43.1 (12.6)					
	-45 (-42.8)	42.5 (12.5)	41.3 (12.1)	40.0 (11.7)	38.8 (11.4)	37.6 (11)	36.5 (10.7)					
	-50 (-45.6)	36.5 (10.7)	35.3 (10.3)	34.1 (10)	32.8 (9.6)	31.7 (9.3)	30.6 (9)					
	-55 (-48.3)	31.0 (9.1)	29.9 (8.8)	28.7 (8.4)	27.5 (8.1)	26.4 (7.7)	25.3 (7.4)					
	-60 (-51.1)	26.1 (7.6)	25.0 (7.3)	23.9 (7)	22.8 (6.7)	21.7 (6.4)	20.6 (6)					
TVS020V8-B Compressor Model S6H-20.2	-25 (-31.7)	86.5 (25.4)	84.8 (24.9)	83.2 (24.4)	81.7 (23.9)	80.3 (23.5)	79.2 (23.2)					
	-30 (-34.4)	76.3 (22.4)	74.7 (21.9)	73.0 (21.4)	71.5 (21)	70.2 (20.6)	68.9 (20.2)					
	-35 (-37.2)	66.9 (19.6)	65.3 (19.1)	63.8 (18.7)	62.3 (18.3)	60.9 (17.8)	59.6 (17.5)					
	-40 (-40)	58.3 (17.1)	56.8 (16.6)	55.3 (16.2)	53.8 (15.8)	52.4 (15.4)	51.1 (15)					
	-45 (-42.8)	50.5 (14.8)	49.0 (14.4)	47.5 (13.9)	46.1 (13.5)	44.7 (13.1)	43.4 (12.7)					
	-50 (-45.6)	43.3 (12.7)	41.9 (12.3)	40.5 (11.9)	39.1 (11.5)	37.7 (11)	36.4 (10.7)					
	-55 (-48.3)	36.8 (10.8)	35.5 (10.4)	34.2 (10)	32.8 (9.6)	31.5 (9.2)	30.2 (8.9)					
	-60 (-51.1)	31.0 (9.1)	29.8 (8.7)	28.5 (8.4)	27.2 (8)	25.9 (7.6)	24.7 (7.2)					
TVS025V8-B Compressor Model S6G-25.2	-25 (-31.7)	98.6 (28.9)	96.7 (28.3)	94.8 (27.8)	93.2 (27.3)	91.7 (26.9)	90.4 (26.5)					
	-30 (-34.4)	87.0 (25.5)	85.1 (24.9)	83.3 (24.4)	81.6 (23.9)	80.0 (23.4)	78.7 (23.1)					
	-35 (-37.2)	76.3 (22.4)	74.5 (21.8)	72.7 (21.3)	71.0 (20.8)	69.4 (20.3)	68.0 (19.9)					
	-40 (-40)	66.5 (19.5)	64.7 (19)	63.0 (18.5)	61.3 (18)	59.7 (17.5)	58.2 (17.1)					
	-45 (-42.8)	57.5 (16.9)	55.8 (16.4)	54.1 (15.9)	52.5 (15.4)	50.9 (14.9)	49.4 (14.5)					
	-50 (-45.6)	49.3 (14.4)	47.7 (14)	46.1 (13.5)	44.5 (13)	43.0 (12.6)	41.5 (12.2)					
	-55 (-48.3)	42.0 (12.3)	40.5 (11.9)	38.9 (11.4)	37.4 (11)	35.8 (10.5)	34.3 (10.1)					
	-60 (-51.1)	35.4 (10.4)	33.9 (9.9)	32.5 (9.5)	31.0 (9.1)	29.5 (8.6)	28.0 (8.2)					
TVS030V8-B Compressor Model S6F-30.2	-25 (-31.7)	117.7 (34.5)	115.4 (33.8)	113.3 (33.2)	111.3 (32.6)	109.5 (32.1)	108.1 (31.7)					
	-30 (-34.4)	103.9 (30.4)	101.6 (29.8)	99.4 (29.1)	97.4 (28.5)	95.6 (28)	94.0 (27.5)					
	-35 (-37.2)	91.1 (26.7)	88.9 (26.1)	86.8 (25.4)	84.7 (24.8)	82.9 (24.3)	81.2 (23.8)					
	-40 (-40)	79.4 (23.3)	77.3 (22.7)	75.2 (22)	73.2 (21.5)	71.3 (20.9)	69.5 (20.4)					
	-45 (-42.8)	68.6 (20.1)	66.6 (19.5)	64.6 (18.9)	62.7 (18.4)	60.8 (17.8)	59.0 (17.3)					
	-50 (-45.6)	58.9 (17.3)	57.0 (16.7)	55.1 (16.1)	53.1 (15.6)	51.3 (15)	49.5 (14.5)					
	-55 (-48.3)	50.1 (14.7)	48.3 (14.2)	46.4 (13.6)	44.6 (13.1)	42.7 (12.5)	41.0 (12)					
	-60 (-51.1)	42.2 (12.4)	40.5 (11.9)	38.7 (11.3)	36.9 (10.8)	35.1 (10.3)	33.4 (9.8)					

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

CAPACITY DATA - R407C
HIGH TEMPERATURE

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)		
TVS015H8-B Compressor Model 4PES-15	55 (12.8)	238.0 (69.8)	229.2 (67.2)	220.3 (64.6)	211.4 (61.9)	202.4 (59.3)	193.4 (56.7)		
	50 (10)	217.8 (63.8)	209.5 (61.4)	201.3 (59)	193.0 (56.6)	184.6 (54.1)	176.3 (51.7)		
	45 (7.2)	198.6 (58.2)	190.9 (55.9)	183.2 (53.7)	175.6 (51.5)	167.9 (49.2)	160.1 (46.9)		
	40 (4.4)	180.4 (52.9)	173.4 (50.8)	166.3 (48.7)	159.3 (46.7)	152.1 (44.6)	145.0 (42.5)		
	35 (1.7)	163.4 (47.9)	157.0 (46)	150.5 (44.1)	144.0 (42.2)	137.4 (40.3)	130.8 (38.3)		
TVS020H8-B Compressor Model 4NES-20	55 (12.8)	282.9 (82.9)	272.6 (79.9)	262.2 (76.8)	251.8 (73.8)	241.4 (70.7)	230.9 (67.7)		
	50 (10)	258.6 (75.8)	249.1 (73)	239.5 (70.2)	229.8 (67.4)	220.2 (64.5)	210.5 (61.7)		
	45 (7.2)	235.8 (69.1)	227.0 (66.5)	218.1 (63.9)	209.2 (61.3)	200.2 (58.7)	191.3 (56.1)		
	40 (4.4)	214.3 (62.8)	206.1 (60.4)	198.0 (58)	189.8 (55.6)	181.5 (53.2)	173.4 (50.8)		
	35 (1.7)	194.0 (56.9)	186.7 (54.7)	179.1 (52.5)	171.7 (50.3)	164.1 (48.1)	156.6 (45.9)		
TVS025H8-B Compressor Model 4HE-25	55 (12.8)	353.2 (103.5)	340.6 (99.8)	327.9 (96.1)	315.1 (92.3)	302.3 (88.6)	289.5 (84.8)		
	50 (10)	324.6 (95.1)	312.8 (91.7)	300.9 (88.2)	289.1 (84.7)	277.1 (81.2)	265.1 (77.7)		
	45 (7.2)	297.0 (87.1)	286.1 (83.9)	275.1 (80.6)	264.1 (77.4)	253.1 (74.2)	242.0 (70.9)		
	40 (4.4)	270.9 (79.4)	260.7 (76.4)	250.6 (73.5)	240.5 (70.5)	230.3 (67.5)	220.1 (64.5)		
	35 (1.7)	246.0 (72.1)	236.8 (69.4)	227.4 (66.7)	218.1 (63.9)	208.7 (61.2)	199.4 (58.4)		
TVS030H8-B Compressor Model 4GE-30	55 (12.8)	411.8 (120.7)	397.4 (116.5)	383.0 (112.3)	368.6 (108)	354.0 (103.7)	339.4 (99.5)		
	50 (10)	378.8 (111)	365.5 (107.1)	352.1 (103.2)	338.5 (99.2)	325.1 (95.3)	311.4 (91.3)		
	45 (7.2)	347.2 (101.8)	334.8 (98.1)	322.5 (94.5)	310.0 (90.8)	297.5 (87.2)	284.9 (83.5)		
	40 (4.4)	317.1 (92.9)	305.7 (89.6)	294.2 (86.2)	282.8 (82.9)	271.2 (79.5)	259.7 (76.1)		
	35 (1.7)	288.5 (84.6)	278.0 (81.5)	267.5 (78.4)	257.0 (75.3)	246.4 (72.2)	235.8 (69.1)		
TVS035H8-B Compressor Model 6HE-35	55 (12.8)	515.8 (151.2)	497.2 (145.7)	478.5 (140.2)	459.6 (134.7)	440.6 (129.1)	421.6 (123.6)		
	50 (10)	473.6 (138.8)	456.2 (133.7)	438.8 (128.6)	421.3 (123.5)	403.6 (118.3)	385.9 (113.1)		
	45 (7.2)	433.2 (127)	417.3 (122.3)	401.1 (117.6)	384.8 (112.8)	368.6 (108)	352.2 (103.2)		
	40 (4.4)	395.0 (115.8)	380.2 (111.4)	365.4 (107.1)	350.5 (102.7)	335.4 (98.3)	320.3 (93.9)		
	35 (1.7)	358.9 (105.2)	345.3 (101.2)	331.7 (97.2)	318.0 (93.2)	304.3 (89.2)	290.4 (85.1)		
TVS040H8-B Compressor Model 6GE-40	55 (12.8)	604.4 (177.1)	583.2 (170.9)	561.8 (164.6)	540.3 (158.4)	518.7 (152)	496.9 (145.6)		
	50 (10)	555.2 (162.7)	535.6 (157)	515.8 (151.2)	495.7 (145.3)	475.7 (139.4)	455.5 (133.5)		
	45 (7.2)	508.4 (149)	490.2 (143.7)	471.9 (138.3)	453.5 (132.9)	434.9 (127.5)	416.2 (122)		
	40 (4.4)	464.0 (136)	447.3 (131.1)	430.4 (126.1)	413.5 (121.2)	396.5 (116.2)	379.3 (111.1)		
	35 (1.7)	422.0 (123.7)	406.8 (119.2)	391.3 (114.7)	375.9 (110.2)	360.3 (105.6)	344.6 (101)		

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

CAPACITY DATA - R407C
MEDIUM TEMPERATURE

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)	
TVS015M8-B Compressor Model 4PES-15	30 (-1.1)	147.4 (43.2)	141.5 (41.5)	135.6 (39.7)	129.7 (38)	123.7 (36.2)	117.7 (34.5)	
	25 (-3.9)	132.5 (38.8)	127.2 (37.3)	121.8 (35.7)	116.3 (34.1)	110.9 (32.5)	105.4 (30.9)	
	20 (-6.7)	118.7 (34.8)	113.8 (33.4)	108.9 (31.9)	104.0 (30.5)	98.9 (29)	94.0 (27.5)	
	15 (-9.4)	105.7 (31)	101.3 (29.7)	96.9 (28.4)	92.4 (27.1)	87.9 (25.8)	83.4 (24.4)	
	10 (-12.2)	93.8 (27.5)	89.8 (26.3)	85.8 (25.1)	81.7 (23.9)	77.7 (22.8)	73.6 (21.6)	
TVS020M8-B Compressor Model 4NES-20	30 (-1.1)	175.2 (51.4)	168.4 (49.4)	161.6 (47.4)	154.7 (45.3)	147.8 (43.3)	140.9 (41.3)	
	25 (-3.9)	157.6 (46.2)	151.4 (44.4)	145.2 (42.6)	138.9 (40.7)	132.6 (38.9)	126.3 (37)	
	20 (-6.7)	141.2 (41.4)	135.6 (39.7)	130.0 (38.1)	124.3 (36.4)	118.5 (34.7)	112.9 (33.1)	
	15 (-9.4)	126.0 (36.9)	121.0 (35.4)	115.8 (33.9)	110.7 (32.4)	105.5 (30.9)	100.4 (29.4)	
	10 (-12.2)	111.9 (32.8)	107.3 (31.4)	102.7 (30.1)	98.1 (28.7)	93.5 (27.4)	88.8 (26)	
TVS025M8-B Compressor Model 4HE-25	30 (-1.1)	222.6 (65.2)	214.1 (62.7)	205.6 (60.3)	197.0 (57.7)	188.5 (55.2)	179.9 (52.7)	
	25 (-3.9)	200.7 (58.8)	192.8 (56.5)	185.0 (54.2)	177.2 (51.9)	169.5 (49.7)	161.6 (47.4)	
	20 (-6.7)	180.0 (52.7)	172.9 (50.7)	165.8 (48.6)	158.7 (46.5)	151.6 (44.4)	144.5 (42.3)	
	15 (-9.4)	160.7 (47.1)	154.2 (45.2)	147.8 (43.3)	141.3 (41.4)	134.9 (39.5)	128.5 (37.7)	
	10 (-12.2)	142.7 (41.8)	136.9 (40.1)	131.0 (38.4)	125.2 (36.7)	119.4 (35)	113.6 (33.3)	
TVS030M8-B Compressor Model 4GE-30	30 (-1.1)	261.6 (76.7)	252.0 (73.9)	242.3 (71)	232.8 (68.2)	223.1 (65.4)	213.5 (62.6)	
	25 (-3.9)	236.1 (69.2)	227.4 (66.7)	218.7 (64.1)	210.0 (61.5)	201.2 (59)	192.4 (56.4)	
	20 (-6.7)	212.3 (62.2)	204.4 (59.9)	196.6 (57.6)	188.6 (55.3)	180.6 (52.9)	172.6 (50.6)	
	15 (-9.4)	190.1 (55.7)	182.9 (53.6)	175.8 (51.5)	168.5 (49.4)	161.4 (47.3)	154.1 (45.2)	
	10 (-12.2)	169.4 (49.6)	162.9 (47.7)	156.3 (45.8)	149.8 (43.9)	143.3 (42)	136.8 (40.1)	
TVS035M8-B Compressor Model 6HE-35	30 (-1.1)	324.9 (95.2)	312.6 (91.6)	300.1 (87.9)	287.6 (84.3)	275.0 (80.6)	262.4 (76.9)	
	25 (-3.9)	293.0 (85.9)	281.8 (82.6)	270.5 (79.3)	259.1 (75.9)	247.7 (72.6)	236.3 (69.2)	
	20 (-6.7)	263.2 (77.1)	253.1 (74.2)	242.9 (71.2)	232.6 (68.2)	222.3 (65.1)	211.9 (62.1)	
	15 (-9.4)	235.4 (69)	226.4 (66.3)	217.1 (63.6)	207.9 (60.9)	198.6 (58.2)	189.2 (55.5)	
	10 (-12.2)	209.7 (61.5)	201.5 (59.1)	193.2 (56.6)	184.8 (54.2)	176.5 (51.7)	168.1 (49.3)	
TVS040M8-B Compressor Model 6GE-40	30 (-1.1)	382.6 (112.1)	368.7 (108)	354.7 (103.9)	340.5 (99.8)	326.3 (95.6)	312.1 (91.5)	
	25 (-3.9)	345.7 (101.3)	333.1 (97.6)	320.4 (93.9)	307.5 (90.1)	294.6 (86.3)	281.7 (82.6)	
	20 (-6.7)	311.1 (91.2)	299.7 (87.8)	288.2 (84.5)	276.7 (81.1)	265.1 (77.7)	253.5 (74.3)	
	15 (-9.4)	278.9 (81.7)	268.7 (78.7)	258.4 (75.7)	248.0 (72.7)	237.6 (69.6)	227.1 (66.6)	
	10 (-12.2)	249.0 (73)	239.8 (70.3)	230.6 (67.6)	221.3 (64.9)	212.0 (62.1)	202.7 (59.4)	
TVS050M8-B Compressor Model 6FE-50	30 (-1.1)	437.4 (128.2)	420.7 (123.3)	404.0 (118.4)	387.1 (113.5)	370.2 (108.5)	353.2 (103.5)	
	25 (-3.9)	395.5 (115.9)	380.4 (111.5)	365.2 (107)	349.8 (102.5)	334.4 (98)	318.9 (93.5)	
	20 (-6.7)	356.3 (104.4)	342.5 (100.4)	328.8 (96.3)	314.8 (92.3)	300.8 (88.2)	286.9 (84.1)	
	15 (-9.4)	319.4 (93.6)	307.0 (90)	294.6 (86.3)	282.1 (82.7)	269.5 (79)	256.9 (75.3)	
	10 (-12.2)	285.1 (83.5)	273.9 (80.3)	262.8 (77)	251.6 (73.7)	240.2 (70.4)	229.0 (67.1)	

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

CAPACITY DATA - R404A R507
HIGH TEMPERATURE

60Hz

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)		
TVS015H8-B Compressor Model 4PES-15	45 (7.2)	210.3 (61.6)	201.2 (59)	192.1 (56.3)	183.2 (53.7)	174.3 (51.1)	165.4 (48.5)		
	40 (4.4)	193.1 (56.6)	184.6 (54.1)	176.2 (51.6)	167.8 (49.2)	159.5 (46.7)	151.2 (44.3)		
	35 (1.7)	176.8 (51.8)	168.9 (49.5)	161.0 (47.2)	153.2 (44.9)	145.5 (42.6)	137.8 (40.4)		
TVS020H8-B Compressor Model 4NES-20	45 (7.2)	251.7 (73.8)	241.1 (70.7)	230.6 (67.6)	220.1 (64.5)	209.7 (61.5)	199.4 (58.4)		
	40 (4.4)	231.3 (67.8)	221.4 (64.9)	211.6 (62)	201.8 (59.1)	192.1 (56.3)	182.5 (53.5)		
	35 (1.7)	211.8 (62.1)	202.7 (59.4)	193.5 (56.7)	184.5 (54.1)	175.4 (51.4)	166.5 (48.8)		
TVS025H8-B Compressor Model 4HE-25	45 (7.2)	306.7 (89.9)	293.7 (86.1)	280.9 (82.3)	268.0 (78.5)	255.2 (74.8)	242.4 (71)		
	40 (4.4)	283.6 (83.1)	271.6 (79.6)	259.5 (76.1)	247.5 (72.5)	235.5 (69)	223.5 (65.5)		
	35 (1.7)	261.6 (76.7)	250.4 (73.4)	239.1 (70.1)	227.9 (66.8)	216.7 (63.5)	205.6 (60.3)		
TVS030H8-B Compressor Model 4GE-30	45 (7.2)	351.3 (103)	336.3 (98.6)	321.3 (94.2)	306.3 (89.8)	291.4 (85.4)	276.4 (81)		
	40 (4.4)	325.1 (95.3)	311.1 (91.2)	297.1 (87.1)	283.1 (83)	269.1 (78.9)	255.1 (74.8)		
	35 (1.7)	300.0 (87.9)	287.0 (84.1)	273.9 (80.3)	260.9 (76.5)	247.9 (72.7)	234.9 (68.8)		
TVS035H8-B Compressor Model 6HE-35	45 (7.2)	452.6 (132.6)	433.8 (127.1)	415.0 (121.6)	396.3 (116.1)	377.6 (110.7)	358.9 (105.2)		
	40 (4.4)	418.4 (122.6)	400.8 (117.5)	383.2 (112.3)	365.7 (107.2)	348.2 (102)	330.7 (96.9)		
	35 (1.7)	385.7 (113)	369.3 (108.2)	352.9 (103.4)	336.6 (98.6)	320.3 (93.9)	304.0 (89.1)		
TVS040H8-B Compressor Model 6GE-40	45 (7.2)	514.4 (150.8)	492.4 (144.3)	470.4 (137.9)	448.4 (131.4)	426.5 (125)	404.6 (118.6)		
	40 (4.4)	476.1 (139.5)	455.6 (133.5)	435.0 (127.5)	414.6 (121.5)	394.1 (115.5)	373.7 (109.5)		
	35 (1.7)	439.4 (128.8)	420.3 (123.2)	401.2 (117.6)	382.2 (112)	363.2 (106.4)	344.2 (100.9)		

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

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)	75.3 (22.1)	70.8 (20.7)
TVS012L6-B	0 (-17.8)	93.5 (27.4)	89.0 (26.1)	84.4 (24.7)	79.9 (23.4)	75.3 (22.1)	70.8 (20.7)	63.1 (18.5)	63.1 (18.5)	63.1 (18.5)
	-5 (-20.6)	83.7 (24.5)	79.6 (23.3)	75.5 (22.1)	71.3 (20.9)	67.2 (19.7)	67.2 (19.7)	55.9 (16.4)	55.9 (16.4)	55.9 (16.4)
	-10 (-23.3)	74.5 (21.8)	70.8 (20.7)	67.0 (19.6)	63.3 (18.6)	59.6 (17.5)	59.6 (17.5)	49.2 (14.4)	49.2 (14.4)	49.2 (14.4)
	-15 (-26.1)	65.9 (19.3)	62.5 (18.3)	59.2 (17.3)	55.8 (16.4)	52.5 (15.4)	52.5 (15.4)	42.9 (12.6)	42.9 (12.6)	42.9 (12.6)
	-20 (-28.9)	57.9 (17)	54.9 (16.1)	51.9 (15.2)	48.9 (14.3)	45.9 (13.5)	45.9 (13.5)	31.6 (9.3)	31.6 (9.3)	31.6 (9.3)
	-25 (-31.7)	50.4 (14.8)	47.8 (14)	45.1 (13.2)	42.4 (12.4)	39.7 (11.6)	39.7 (11.6)	26.5 (7.8)	26.5 (7.8)	26.5 (7.8)
	-30 (-34.4)	43.6 (12.8)	41.2 (12.1)	38.8 (11.4)	36.4 (10.7)	34.0 (10)	34.0 (10)	21.8 (6.4)	21.8 (6.4)	21.8 (6.4)
	-35 (-37.2)	37.3 (10.9)	35.1 (10.3)	33.0 (9.7)	30.8 (9)	28.7 (8.4)	28.7 (8.4)	21.8 (6.4)	21.8 (6.4)	21.8 (6.4)
TVS015L6-B	0 (-17.8)	124.9 (36.6)	119.2 (34.9)	113.5 (33.3)	107.8 (31.6)	102.1 (29.9)	102.1 (29.9)	96.4 (28.3)	96.4 (28.3)	96.4 (28.3)
	-5 (-20.6)	112.7 (33)	107.5 (31.5)	102.3 (30)	97.1 (28.5)	92.0 (27)	92.0 (27)	86.8 (25.4)	86.8 (25.4)	86.8 (25.4)
	-10 (-23.3)	101.2 (29.7)	96.5 (28.3)	91.8 (26.9)	87.1 (25.5)	82.4 (24.1)	82.4 (24.1)	77.7 (22.8)	77.7 (22.8)	77.7 (22.8)
	-15 (-26.1)	90.2 (26.4)	86.0 (25.2)	81.8 (24)	77.6 (22.7)	73.3 (21.5)	73.3 (21.5)	69.2 (20.3)	69.2 (20.3)	69.2 (20.3)
	-20 (-28.9)	80.0 (23.4)	76.2 (22.3)	72.4 (21.2)	68.6 (20.1)	64.8 (19)	64.8 (19)	61.1 (17.9)	61.1 (17.9)	61.1 (17.9)
	-25 (-31.7)	70.3 (20.6)	66.9 (19.6)	63.5 (18.6)	60.1 (17.6)	56.8 (16.6)	56.8 (16.6)	53.4 (15.6)	53.4 (15.6)	53.4 (15.6)
	-30 (-34.4)	61.2 (17.9)	58.2 (17.1)	55.2 (16.2)	52.2 (15.3)	49.2 (14.4)	49.2 (14.4)	46.2 (13.5)	46.2 (13.5)	46.2 (13.5)
	-35 (-37.2)	52.8 (15.5)	50.1 (14.7)	47.4 (13.9)	44.7 (13.1)	42.0 (12.3)	42.0 (12.3)	39.4 (11.5)	39.4 (11.5)	39.4 (11.5)
TVS020L6-B	0 (-17.8)	150.1 (44)	143.4 (42)	136.7 (40.1)	130.0 (38.1)	123.3 (36.1)	123.3 (36.1)	116.7 (34.2)	116.7 (34.2)	116.7 (34.2)
	-5 (-20.6)	135.4 (39.7)	129.3 (37.9)	123.3 (36.1)	117.2 (34.3)	111.2 (32.6)	111.2 (32.6)	105.2 (30.8)	105.2 (30.8)	105.2 (30.8)
	-10 (-23.3)	121.5 (35.6)	116.0 (34)	110.6 (32.4)	105.2 (30.8)	99.7 (29.2)	99.7 (29.2)	94.3 (27.6)	94.3 (27.6)	94.3 (27.6)
	-15 (-26.1)	108.4 (31.8)	103.5 (30.3)	98.7 (28.9)	93.8 (27.5)	89.0 (26.1)	89.0 (26.1)	84.1 (24.6)	84.1 (24.6)	84.1 (24.6)
	-20 (-28.9)	96.1 (28.2)	91.8 (26.9)	87.4 (25.6)	83.1 (24.4)	78.8 (23.1)	78.8 (23.1)	74.5 (21.8)	74.5 (21.8)	74.5 (21.8)
	-25 (-31.7)	84.6 (24.8)	80.8 (23.7)	76.9 (22.5)	73.1 (21.4)	69.3 (20.3)	69.3 (20.3)	65.4 (19.2)	65.4 (19.2)	65.4 (19.2)
	-30 (-34.4)	73.9 (21.7)	70.5 (20.7)	67.1 (19.7)	63.7 (18.7)	60.3 (17.7)	60.3 (17.7)	56.9 (16.7)	56.9 (16.7)	56.9 (16.7)
	-35 (-37.2)	63.9 (18.7)	60.9 (17.8)	57.9 (17)	54.9 (16.1)	51.9 (15.2)	51.9 (15.2)	48.9 (14.3)	48.9 (14.3)	48.9 (14.3)
TVS025L6-B	0 (-17.8)	189.3 (55.5)	180.8 (53)	172.2 (50.5)	163.7 (48)	155.2 (45.5)	155.2 (45.5)	146.8 (43)	146.8 (43)	146.8 (43)
	-5 (-20.6)	170.4 (49.9)	162.7 (47.7)	154.9 (45.4)	147.2 (43.1)	139.5 (40.9)	139.5 (40.9)	131.8 (38.6)	131.8 (38.6)	131.8 (38.6)
	-10 (-23.3)	152.6 (44.7)	145.6 (42.7)	138.6 (40.6)	131.7 (38.6)	124.7 (36.5)	124.7 (36.5)	117.7 (34.5)	117.7 (34.5)	117.7 (34.5)
	-15 (-26.1)	135.9 (39.8)	129.6 (38)	123.3 (36.1)	117.0 (34.3)	110.7 (32.4)	110.7 (32.4)	104.5 (30.6)	104.5 (30.6)	104.5 (30.6)
	-20 (-28.9)	120.3 (35.3)	114.6 (33.6)	108.9 (31.9)	103.3 (30.3)	97.6 (28.6)	97.6 (28.6)	92.0 (27)	92.0 (27)	92.0 (27)
	-25 (-31.7)	105.6 (30.9)	100.6 (29.5)	95.5 (28)	90.4 (26.5)	85.4 (25)	85.4 (25)	80.3 (23.5)	80.3 (23.5)	80.3 (23.5)
	-30 (-34.4)	92.0 (27)	87.5 (25.6)	82.9 (24.3)	78.4 (23)	73.9 (21.7)	73.9 (21.7)	69.3 (20.3)	69.3 (20.3)	69.3 (20.3)
	-35 (-37.2)	79.3 (23.2)	75.3 (22.1)	71.2 (20.9)	67.1 (19.7)	63.1 (18.5)	63.1 (18.5)	59.0 (17.3)	59.0 (17.3)	59.0 (17.3)
TVS030L6-B	0 (-17.8)	215.9 (63.3)	206.4 (60.5)	197.0 (57.7)	187.5 (55)	178.0 (52.2)	178.0 (52.2)	168.4 (49.4)	168.4 (49.4)	168.4 (49.4)
	-5 (-20.6)	195.7 (57.4)	187.2 (54.9)	178.6 (52.3)	170.0 (49.8)	161.4 (47.3)	161.4 (47.3)	152.7 (44.8)	152.7 (44.8)	152.7 (44.8)
	-10 (-23.3)	176.5 (51.7)	168.8 (49.5)	161.1 (47.2)	153.4 (45)	145.6 (42.7)	145.6 (42.7)	137.8 (40.4)	137.8 (40.4)	137.8 (40.4)
	-15 (-26.1)	158.3 (46.4)	151.4 (44.4)	144.6 (42.4)	137.6 (40.3)	130.7 (38.3)	130.7 (38.3)	123.7 (36.3)	123.7 (36.3)	123.7 (36.3)
	-20 (-28.9)	141.1 (41.4)	135.0 (39.6)	128.9 (37.8)	122.7 (36)	116.5 (34.1)	116.5 (34.1)	110.2 (32.3)	110.2 (32.3)	110.2 (32.3)
	-25 (-31.7)	125.0 (36.6)	119.5 (35)	114.1 (33.4)	108.6 (31.8)	103.0 (30.2)	103.0 (30.2)	97.4 (28.5)	97.4 (28.5)	97.4 (28.5)
	-30 (-34.4)	109.8 (32.2)	105.0 (30.8)	100.2 (29.4)	95.3 (27.9)	90.3 (26.5)	90.3 (26.5)	85.3 (25)	85.3 (25)	85.3 (25)
	-35 (-37.2)	95.7 (28)	91.4 (26.8)	87.1 (25.5)	82.7 (24.2)	78.3 (22.9)	78.3 (22.9)	73.8 (21.6)	73.8 (21.6)	73.8 (21.6)
TVS040L6-B	0 (-17.8)	256.4 (75.1)	245.0 (71.8)	233.6 (68.5)	222.1 (65.1)	210.7 (61.7)	210.7 (61.7)	199.2 (58.4)	199.2 (58.4)	199.2 (58.4)
	-5 (-20.6)	232.4 (68.1)	222.0 (65.1)	211.7 (62)	201.3 (59)	190.9 (55.9)	190.9 (55.9)	180.5 (52.9)	180.5 (52.9)	180.5 (52.9)
	-10 (-23.3)	209.4 (61.4)	200.1 (58.6)	190.8 (55.9)	181.4 (53.2)	172.0 (50.4)	172.0 (50.4)	162.6 (47.7)	162.6 (47.7)	162.6 (47.7)
	-15 (-26.1)	187.6 (55)	179.3 (52.5)	170.9 (50.1)	162.4 (47.6)	154.0 (45.1)	154.0 (45.1)	145.5 (42.6)	145.5 (42.6)	145.5 (42.6)
	-20 (-28.9)	167.0 (48.9)	159.5 (46.7)	152.0 (44.5)	144.4 (42.3)	136.8 (40.1)	136.8 (40.1)	129.1 (37.8)	129.1 (37.8)	129.1 (37.8)
	-25 (-31.7)	147.6 (43.3)	140.9 (41.3)	134.1 (39.3)	127.3 (37.3)	120.4 (35.3)	120.4 (35.3)	113.5 (33.3)	113.5 (33.3)	113.5 (33.3)
	-30 (-34.4)	129.3 (37.9)	123.3 (36.1)	117.2 (34.3)	111.1 (32.6)	104.9 (30.7)	104.9 (30.7)	98.7 (28.9)	98.7 (28.9)	98.7 (28.9)
	-35 (-37.2)	112.2 (32.9)	106.8 (31.3)	101.3 (29.7)	95.7 (28)	90.1 (26.4)	90.1 (26.4)	84.5 (24.8)	84.5 (24.8)	84.5 (24.8)
	-40 (-40)	96.2 (28.2)	91.3 (26.8)	86.2 (25.3)	81.2 (23.8)	76.1 (22.3)	76.1 (22.3)	70.9 (20.8)	70.9 (20.8)	70.9 (20.8)

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)			
TVS012D6-B	0	(-17.8)	91.4 (26.8)	86.9 (25.5)	82.4 (24.1)	77.9 (22.8)	73.5 (21.5)	69.0 (20.2)			
	-5	(-20.6)	82.0 (24)	77.9 (22.8)	73.8 (21.6)	69.7 (20.4)	65.7 (19.3)	61.6 (18.1)			
	-10	(-23.3)	73.1 (21.4)	69.4 (20.3)	65.7 (19.3)	62.0 (18.2)	58.4 (17.1)	54.7 (16)			
	-15	(-26.1)	64.7 (19)	61.4 (18)	58.1 (17)	54.8 (16.1)	51.5 (15.1)	48.2 (14.1)			
	Compressor	-20	(-28.9)	56.9 (16.7)	54.0 (15.8)	51.0 (14.9)	48.0 (14.1)	45.1 (13.2)	42.1 (12.3)		
	Model	-25	(-31.7)	49.7 (14.6)	47.0 (13.8)	44.4 (13)	41.7 (12.2)	39.1 (11.5)	36.4 (10.7)		
	4NES-14	-30	(-34.4)	43.0 (12.6)	40.6 (11.9)	38.2 (11.2)	35.9 (10.5)	33.5 (9.8)	31.1 (9.1)		
	-35	(-37.2)	36.8 (10.8)	34.7 (10.2)	32.5 (9.5)	30.4 (8.9)	28.3 (8.3)	26.2 (7.7)			
TVS015D6-B	-40	(-40)	31.1 (9.1)	29.2 (8.6)	27.3 (8)	25.3 (7.4)	23.4 (6.9)	21.6 (6.3)			
	0	(-17.8)	121.0 (35.5)	115.4 (33.8)	109.8 (32.2)	104.2 (30.5)	98.7 (28.9)	93.1 (27.3)			
	-5	(-20.6)	109.5 (32.1)	104.4 (30.6)	99.3 (29.1)	94.2 (27.6)	89.1 (26.1)	84.1 (24.6)			
	-10	(-23.3)	98.5 (28.9)	93.9 (27.5)	89.3 (26.2)	84.7 (24.8)	80.1 (23.5)	75.5 (22.1)			
	-15	(-26.1)	88.1 (25.8)	83.9 (24.6)	79.7 (23.4)	75.6 (22.2)	71.4 (20.9)	67.3 (19.7)			
	Compressor	-20	(-28.9)	78.2 (22.9)	74.5 (21.8)	70.7 (20.7)	67.0 (19.6)	63.3 (18.6)	59.6 (17.5)		
	Model	-25	(-31.7)	68.9 (20.2)	65.5 (19.2)	62.2 (18.2)	58.9 (17.3)	55.5 (16.3)	52.2 (15.3)		
	4HE-18	-30	(-34.4)	60.1 (17.6)	57.1 (16.7)	54.1 (15.9)	51.2 (15)	48.2 (14.1)	45.3 (13.3)		
TVS020D6-B	-35	(-37.2)	51.9 (15.2)	49.3 (14.4)	46.6 (13.7)	43.9 (12.9)	41.3 (12.1)	38.7 (11.3)			
	-40	(-40)	44.3 (13)	41.9 (12.3)	39.5 (11.6)	37.1 (10.9)	34.7 (10.2)	32.4 (9.5)			
	0	(-17.8)	147.2 (43.1)	140.6 (41.2)	134.0 (39.3)	127.4 (37.3)	120.8 (35.4)	114.2 (33.5)			
	-5	(-20.6)	133.0 (39)	127.0 (37.2)	121.1 (35.5)	115.1 (33.7)	109.1 (32)	103.1 (30.2)			
	-10	(-23.3)	119.5 (35)	114.2 (33.5)	108.8 (31.9)	103.4 (30.3)	98.0 (28.7)	92.7 (27.2)			
	-15	(-26.1)	106.8 (31.3)	102.0 (29.9)	97.2 (28.5)	92.4 (27.1)	87.6 (25.7)	82.8 (24.3)			
	Compressor	-20	(-28.9)	94.8 (27.8)	90.6 (26.6)	86.3 (25.3)	82.0 (24)	77.7 (22.8)	73.4 (21.5)		
	Model	-25	(-31.7)	83.6 (24.5)	79.8 (23.4)	76.0 (22.3)	72.2 (21.2)	68.4 (20)	64.6 (18.9)		
TVS025D6-B	4GE-23	-30	(-34.4)	73.1 (21.4)	69.7 (20.4)	66.3 (19.4)	63.0 (18.5)	59.6 (17.5)	56.3 (16.5)		
	-35	(-37.2)	63.3 (18.6)	60.3 (17.7)	57.3 (16.8)	54.3 (15.9)	51.4 (15.1)	48.4 (14.2)			
	-40	(-40)	54.2 (15.9)	51.5 (15.1)	48.9 (14.3)	46.2 (13.5)	43.6 (12.8)	41.0 (12)			
	0	(-17.8)	185.2 (54.3)	176.8 (51.8)	168.4 (49.4)	160.0 (46.9)	151.7 (44.5)	143.3 (42)			
	-5	(-20.6)	167.1 (49)	159.4 (46.7)	151.8 (44.5)	144.2 (42.3)	136.5 (40)	128.9 (37.8)			
	-10	(-23.3)	149.9 (43.9)	143.0 (41.9)	136.1 (39.9)	129.1 (37.8)	122.2 (35.8)	115.4 (33.8)			
	-15	(-26.1)	133.7 (39.2)	127.5 (37.4)	121.2 (35.5)	115.0 (33.7)	108.8 (31.9)	102.5 (30)			
TVS030D6-B	6HE-28	-20	(-28.9)	118.5 (34.7)	112.8 (33.1)	107.2 (31.4)	101.6 (29.8)	96.1 (28.2)	90.5 (26.5)		
	-25	(-31.7)	104.2 (30.5)	99.2 (29.1)	94.1 (27.6)	89.1 (26.1)	84.1 (24.6)	79.1 (23.2)			
	-30	(-34.4)	90.8 (26.6)	86.3 (25.3)	81.8 (24)	77.3 (22.7)	72.9 (21.4)	68.4 (20)			
	-35	(-37.2)	78.4 (23)	74.4 (21.8)	70.3 (20.6)	66.3 (19.4)	62.3 (18.3)	58.3 (17.1)			
	-40	(-40)	66.9 (19.6)	63.2 (18.5)	59.6 (17.5)	56.0 (16.4)	52.4 (15.4)	48.7 (14.3)			
	0	(-17.8)	210.7 (61.7)	201.3 (59)	192.0 (56.3)	182.6 (53.5)	173.2 (50.8)	163.7 (48)			
	-5	(-20.6)	191.4 (56.1)	182.9 (53.6)	174.5 (51.1)	166.0 (48.6)	157.4 (46.1)	148.9 (43.6)			
	-10	(-23.3)	172.9 (50.7)	165.3 (48.4)	157.7 (46.2)	150.1 (44)	142.4 (41.7)	134.6 (39.4)			
TVS030D6-B	6GE-34	-15	(-26.1)	155.4 (45.5)	148.6 (43.6)	141.8 (41.6)	134.9 (39.5)	128.0 (37.5)	121.1 (35.5)		
	-20	(-28.9)	138.8 (40.7)	132.7 (38.9)	126.6 (37.1)	120.5 (35.3)	114.3 (33.5)	108.1 (31.7)			
	-25	(-31.7)	123.1 (36.1)	117.7 (34.5)	112.3 (32.9)	106.8 (31.3)	101.3 (29.7)	95.7 (28)			
	-30	(-34.4)	108.4 (31.8)	103.6 (30.4)	98.7 (28.9)	93.9 (27.5)	89.0 (26.1)	84.0 (24.6)			
	-35	(-37.2)	94.5 (27.7)	90.2 (26.4)	85.9 (25.2)	81.6 (23.9)	77.2 (22.6)	72.8 (21.3)			
	-40	(-40)	81.6 (23.9)	77.8 (22.8)	73.9 (21.7)	70.0 (20.5)	66.1 (19.4)	62.0 (18.2)			

CAPACITY DATA - R404A R507

EXTENDED LOW TEMPERATURE

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW)						R404A		R507		AMBIENT TEMPERATURE °F (°C)	
	°F	°C	85 (29.4)	90 (32.2)	95 (35)	100 (37.8)	105 (40.6)	110 (43.3)						
TVS008V6-B Compressor Model S4N-8.2	-25	(-31.7)	39.1 (11.5)	38.6 (11.3)	38.0 (11.1)	37.5 (11)	36.9 (10.8)	36.3 (10.6)						
	-30	(-34.4)	34.9 (10.2)	34.4 (10.1)	33.9 (9.9)	33.4 (8.7)	32.8 (8.5)	32.3 (9.5)						
	-35	(-37.2)	31.0 (9.1)	30.5 (8.9)	30.1 (8.8)	29.6 (7.8)	29.1 (7.6)	28.5 (8.4)						
	-40	(-40)	27.4 (8)	27.0 (7.9)	26.6 (7.8)	26.1 (7.6)	25.6 (7.5)	25.1 (7.4)						
	-45	(-42.8)	24.2 (7.1)	23.8 (7)	23.4 (6.9)	23.0 (6.7)	22.5 (6.6)	22.0 (6.4)						
	-50	(-45.6)	21.2 (6.2)	20.9 (6.1)	20.5 (6)	20.1 (5.9)	19.7 (5.8)	19.2 (5.6)						
	-55	(-48.3)	18.5 (5.4)	18.2 (5.3)	17.8 (5.2)	17.5 (5.1)	17.1 (5)	16.7 (4.9)						
	-60	(-51.1)	16.0 (4.7)	15.7 (4.6)	15.4 (4.5)	15.1 (4.4)	14.8 (4.3)	14.4 (4.2)						
TVS012V6-B Compressor Model S4G-12.2	-25	(-31.7)	60.7 (17.8)	59.8 (17.5)	58.9 (17.3)	57.9 (17)	56.9 (16.7)	55.9 (16.4)						
	-30	(-34.4)	54.9 (16.1)	54.0 (15.8)	53.1 (15.6)	52.2 (15.3)	51.2 (15)	50.1 (14.7)						
	-35	(-37.2)	49.3 (14.4)	48.5 (14.2)	47.6 (14)	46.7 (13.7)	45.8 (13.4)	44.8 (13.1)						
	-40	(-40)	44.1 (12.9)	43.3 (12.7)	42.5 (12.5)	41.6 (12.2)	40.7 (11.9)	39.8 (11.7)						
	-45	(-42.8)	39.1 (11.5)	38.4 (11.3)	37.6 (11)	36.8 (10.8)	36.0 (10.6)	35.1 (10.3)						
	-50	(-45.6)	34.5 (10.1)	33.9 (9.9)	33.1 (9.7)	32.4 (9.5)	31.6 (9.3)	30.9 (9.1)						
	-55	(-48.3)	30.2 (8.9)	29.6 (8.7)	29.0 (8.5)	28.3 (8.3)	27.6 (8.1)	27.0 (7.9)						
	-60	(-51.1)	26.2 (7.7)	25.7 (7.5)	25.1 (7.4)	24.5 (7.2)	24.0 (7)	23.4 (6.9)						
TVS016V6-B Compressor Model S6J-16.2	-25	(-31.7)	84.1 (24.6)	82.8 (24.3)	81.5 (23.9)	80.2 (23.5)	78.9 (23.1)	77.7 (22.8)						
	-30	(-34.4)	76.1 (22.3)	74.8 (21.9)	73.6 (21.6)	72.3 (21.2)	71.0 (20.8)	69.8 (20.5)						
	-35	(-37.2)	68.5 (20.1)	67.3 (19.7)	66.1 (19.4)	64.9 (19)	63.7 (18.7)	62.4 (18.3)						
	-40	(-40)	61.4 (18)	60.3 (17.7)	59.1 (17.3)	58.0 (17)	56.8 (16.6)	55.6 (16.3)						
	-45	(-42.8)	54.7 (16)	53.7 (15.7)	52.6 (15.4)	51.5 (15.1)	50.4 (14.8)	49.3 (14.4)						
	-50	(-45.6)	48.5 (14.2)	47.5 (13.9)	46.5 (13.6)	45.5 (13.3)	44.5 (13)	43.5 (12.7)						
	-55	(-48.3)	42.7 (12.5)	41.8 (12.3)	40.9 (12)	40.0 (11.7)	39.0 (11.4)	38.1 (11.2)						
	-60	(-51.1)	37.3 (10.9)	36.5 (10.7)	35.7 (10.5)	34.9 (10.2)	34.1 (10)	33.2 (9.7)						
TVS020V6-B Compressor Model S6H-20.2	-25	(-31.7)	98.8 (29)	97.4 (28.5)	95.9 (28.1)	94.4 (27.7)	92.8 (27.2)	91.2 (26.7)						
	-30	(-34.4)	89.5 (26.2)	88.1 (25.8)	86.6 (25.4)	85.1 (24.9)	83.6 (24.5)	82.0 (24)						
	-35	(-37.2)	80.6 (23.6)	79.3 (23.2)	77.8 (22.8)	76.4 (22.4)	74.9 (22)	73.4 (21.5)						
	-40	(-40)	72.2 (21.2)	70.9 (20.8)	69.6 (20.4)	68.2 (20)	66.8 (19.6)	65.4 (19.2)						
	-45	(-42.8)	64.3 (18.8)	63.1 (18.5)	61.9 (18.1)	60.6 (17.8)	59.3 (17.4)	57.9 (17)						
	-50	(-45.6)	56.9 (16.7)	55.8 (16.4)	54.7 (16)	53.5 (15.7)	52.3 (15.3)	51.1 (15)						
	-55	(-48.3)	50.0 (14.7)	49.0 (14.4)	48.0 (14.1)	46.9 (13.7)	45.8 (13.4)	44.7 (13.1)						
	-60	(-51.1)	43.7 (12.8)	42.8 (12.5)	41.8 (12.3)	40.9 (12)	39.9 (11.7)	39.0 (11.4)						
TVS025V6-B Compressor Model S6G-25.2	-25	(-31.7)	112.2 (32.9)	110.6 (32.4)	108.9 (31.9)	107.1 (31.4)	105.2 (30.8)	103.4 (30.3)						
	-30	(-34.4)	101.6 (29.8)	100.0 (29.3)	98.4 (28.8)	96.6 (28.3)	94.8 (27.8)	93.0 (27.3)						
	-35	(-37.2)	91.6 (26.8)	90.1 (26.4)	88.5 (25.9)	86.8 (25.4)	85.1 (24.9)	83.3 (24.4)						
	-40	(-40)	82.1 (24.1)	80.7 (23.7)	79.1 (23.2)	77.5 (22.7)	75.9 (22.2)	74.3 (21.8)						
	-45	(-42.8)	73.2 (21.5)	71.9 (21.1)	70.4 (20.6)	68.9 (20.2)	67.4 (19.8)	65.9 (19.3)						
	-50	(-45.6)	64.9 (19)	63.6 (18.6)	62.3 (18.3)	60.9 (17.8)	59.5 (17.4)	58.1 (17)						
	-55	(-48.3)	57.1 (16.7)	55.9 (16.4)	54.7 (16)	53.4 (15.6)	52.2 (15.3)	50.9 (14.9)						
	-60	(-51.1)	49.8 (14.6)	48.8 (14.3)	47.7 (14)	46.6 (13.7)	45.5 (13.3)	44.4 (13)						
TVS030V6-B Compressor Model S6F-30.2	-25	(-31.7)	133.3 (39.1)	131.1 (38.4)	128.9 (37.8)	126.6 (37.1)	124.3 (36.4)	122.0 (35.8)						
	-30	(-34.4)	120.7 (35.4)	118.7 (34.8)	116.5 (34.1)	114.3 (33.5)	112.1 (32.9)	109.8 (32.2)						
	-35	(-37.2)	108.8 (31.9)	106.9 (31.3)	104.8 (30.7)	102.7 (30.1)	100.6 (29.5)	98.5 (28.9)						
	-40	(-40)	97.6 (28.6)	95.7 (28)	93.8 (27.5)	91.8 (26.9)	89.8 (26.3)	87.8 (25.7)						
	-45	(-42.8)	87.0 (25.5)	85.3 (25)	83.5 (24.5)	81.7 (23.9)	79.8 (23.4)	78.0 (22.9)						
	-50	(-45.6)	77.1 (22.6)	75.5 (22.1)	73.9 (21.7)	72.2 (21.2)	70.5 (20.7)	68.9 (20.2)						
	-55	(-48.3)	67.9 (19.9)	66.5 (19.5)	65.0 (19)	63.5 (18.6)	62.0 (18.2)	60.5 (17.7)						
	-60	(-51.1)	59.3 (17.4)	58.1 (17)	56.8 (16.6)	55.4 (16.2)	54.1 (15.9)	52.8 (15.5)						

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)
TVD030H8-B Compressor 4PES-15	45 (7.2)	408.7 (119.8)	392.7 (115.1)	376.7 (110.4)	360.8 (105.7)	344.8 (101.1)	328.9 (96.4)	
	40 (4.4)	371.9 (109)	357.2 (104.7)	342.3 (100.3)	327.6 (96)	312.7 (91.6)	298.0 (87.3)	
	35 (1.7)	337.5 (98.9)	323.8 (94.9)	310.0 (90.8)	296.3 (86.8)	282.7 (82.8)	269.2 (78.9)	
TVD040H8-B Compressor 4NES-20	45 (7.2)	485.9 (142.4)	467.5 (137)	449.0 (131.6)	430.5 (126.2)	411.8 (120.7)	393.3 (115.3)	
	40 (4.4)	442.5 (129.7)	425.3 (124.6)	408.0 (119.6)	391.0 (114.6)	373.8 (109.5)	356.6 (104.5)	
	35 (1.7)	401.3 (117.6)	385.6 (113)	369.8 (108.4)	353.9 (103.7)	338.1 (99.1)	322.4 (94.5)	
TVD050H8-B Compressor 4HE-25	45 (7.2)	591.2 (173.2)	568.3 (166.5)	545.4 (159.8)	522.5 (153.1)	499.6 (146.4)	476.9 (139.8)	
	40 (4.4)	540.3 (158.4)	518.9 (152.1)	497.5 (145.8)	476.1 (139.5)	454.9 (133.3)	433.7 (127.1)	
	35 (1.7)	491.8 (144.1)	472.1 (138.4)	452.1 (132.5)	432.4 (126.7)	412.7 (120.9)	392.9 (115.2)	
TVD060H8-B Compressor 4GE-30	45 (7.2)	689.6 (202.1)	663.8 (194.5)	637.8 (186.9)	611.9 (179.3)	586.1 (171.8)	560.3 (164.2)	
	40 (4.4)	631.3 (185)	606.9 (177.9)	582.8 (170.8)	558.6 (163.7)	534.7 (156.7)	510.5 (149.6)	
	35 (1.7)	575.6 (168.7)	553.1 (162.1)	530.7 (155.5)	508.2 (148.9)	485.9 (142.4)	463.7 (135.9)	
TVD070H8-B Compressor 6HE-35	45 (7.2)	898.2 (263.2)	863.9 (253.2)	829.9 (243.2)	795.9 (233.3)	762.1 (223.3)	728.3 (213.4)	
	40 (4.4)	821.7 (240.8)	790.0 (231.5)	758.1 (222.2)	726.6 (212.9)	694.9 (203.7)	663.4 (194.4)	
	35 (1.7)	749.3 (219.6)	719.7 (210.9)	690.3 (202.3)	660.9 (193.7)	631.5 (185.1)	602.3 (176.5)	
TVD080H8-B Compressor 6GE-40	45 (7.2)	1038.0 (304.2)	999.0 (292.8)	959.9 (281.3)	920.9 (269.9)	882.0 (258.5)	843.4 (247.2)	
	40 (4.4)	949.6 (278.3)	913.1 (267.6)	876.8 (256.9)	840.4 (246.3)	804.3 (235.7)	768.2 (225.1)	
	35 (1.7)	865.6 (253.7)	831.8 (243.8)	798.2 (233.9)	764.4 (224)	730.8 (214.2)	697.4 (204.4)	

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

CAPACITY DATA - R407A
MEDIUM TEMPERATURE
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-B Compressor Model 4PES-15	30 (-1.1)	304.9 (89.4)	292.3 (85.7)	279.7 (82)	267.3 (78.3)	254.7 (74.7)	242.1 (71)		
	25 (-3.9)	274.7 (80.5)	263.1 (77.1)	251.6 (73.7)	240.0 (70.3)	228.5 (67)	217.1 (63.6)		
	20 (-6.7)	246.3 (72.2)	235.6 (69.1)	225.1 (66)	214.6 (62.9)	204.1 (59.8)	193.6 (56.7)		
	15 (-9.4)	219.9 (64.4)	210.2 (61.6)	200.8 (58.8)	191.1 (56)	181.7 (53.2)	172.0 (50.4)		
	10 (-12.2)	195.5 (57.3)	186.7 (54.7)	178.1 (52.2)	169.5 (49.7)	160.7 (47.1)	152.0 (44.6)		
	5 (-15)	172.8 (50.7)	164.9 (48.3)	157.1 (46)	149.3 (43.8)	141.3 (41.4)	133.6 (39.1)		
	0 (-17.8)	151.8 (44.5)	144.9 (42.5)	137.8 (40.4)	130.6 (38.3)	123.7 (36.2)	116.6 (34.2)		
TVD040M8-B Compressor Model 4NES-20	30 (-1.1)	362.9 (106.3)	348.4 (102.1)	333.9 (97.9)	319.4 (93.6)	304.7 (89.3)	290.2 (85.1)		
	25 (-3.9)	327.0 (95.8)	313.7 (91.9)	300.3 (88)	287.1 (84.1)	273.8 (80.3)	260.6 (76.4)		
	20 (-6.7)	293.4 (86)	281.4 (82.5)	269.2 (78.9)	257.0 (75.3)	244.9 (71.8)	232.9 (68.3)		
	15 (-9.4)	262.3 (76.9)	251.4 (73.7)	240.2 (70.4)	229.3 (67.2)	218.2 (63.9)	207.3 (60.7)		
	10 (-12.2)	233.5 (68.4)	223.4 (65.5)	213.6 (62.6)	203.5 (59.6)	193.6 (56.7)	183.5 (53.8)		
	5 (-15)	206.9 (60.6)	197.8 (58)	188.8 (55.3)	179.8 (52.7)	170.7 (50)	161.7 (47.4)		
	0 (-17.8)	182.1 (53.4)	174.1 (51)	165.9 (48.6)	157.9 (46.3)	149.7 (43.9)	141.8 (41.5)		
TVD050M8-B Compressor Model 4HE-25	30 (-1.1)	446.3 (130.8)	427.8 (125.4)	409.3 (120)	391.0 (114.6)	372.8 (109.2)	354.5 (103.9)		
	25 (-3.9)	403.0 (118.1)	386.2 (113.2)	369.2 (108.2)	352.2 (103.2)	335.4 (98.3)	318.8 (93.4)		
	20 (-6.7)	362.7 (106.3)	346.9 (101.7)	331.4 (97.1)	316.1 (92.6)	300.5 (88.1)	285.2 (83.6)		
	15 (-9.4)	324.7 (95.1)	310.4 (91)	296.3 (86.8)	282.0 (82.7)	268.0 (78.5)	253.9 (74.4)		
	10 (-12.2)	289.4 (84.8)	276.4 (81)	263.3 (77.2)	250.5 (73.4)	237.7 (69.7)	224.9 (65.9)		
	5 (-15)	256.4 (75.1)	244.7 (71.7)	232.9 (68.3)	221.1 (64.8)	209.4 (61.4)	197.8 (58)		
	0 (-17.8)	225.8 (66.2)	215.0 (63)	204.3 (59.9)	193.8 (56.8)	183.3 (53.7)	172.8 (50.7)		
TVD060M8-B Compressor Model 4GE-30	30 (-1.1)	522.9 (153.2)	502.1 (147.2)	481.3 (141.1)	460.7 (135)	440.2 (129)	419.6 (123)		
	25 (-3.9)	473.3 (138.7)	454.2 (133.1)	435.1 (127.5)	416.0 (121.9)	397.1 (116.4)	378.2 (110.8)		
	20 (-6.7)	426.7 (125.1)	409.3 (120)	391.7 (114.8)	374.2 (109.7)	357.0 (104.6)	339.6 (99.5)		
	15 (-9.4)	383.0 (112.3)	367.1 (107.6)	351.1 (102.9)	335.2 (98.2)	319.4 (93.6)	303.7 (89)		
	10 (-12.2)	342.3 (100.3)	327.8 (96.1)	313.3 (91.8)	298.8 (87.6)	284.3 (83.3)	270.1 (79.1)		
	5 (-15)	304.3 (89.2)	291.1 (85.3)	278.0 (81.5)	264.8 (77.6)	251.8 (73.8)	239.0 (70)		
	0 (-17.8)	269.0 (78.8)	257.0 (75.3)	245.1 (71.8)	233.3 (68.4)	221.6 (64.9)	209.8 (61.5)		
TVD070M8-B Compressor Model 6HE-35	30 (-1.1)	680.6 (199.5)	653.3 (191.5)	626.0 (183.5)	598.7 (175.5)	571.6 (167.5)	544.7 (159.6)		
	25 (-3.9)	615.9 (180.5)	590.7 (173.1)	565.5 (165.7)	540.5 (158.4)	515.8 (151.2)	490.8 (143.8)		
	20 (-6.7)	555.0 (162.7)	531.9 (155.9)	509.0 (149.2)	485.9 (142.4)	463.3 (135.8)	440.6 (129.1)		
	15 (-9.4)	498.1 (146)	476.9 (139.8)	455.9 (133.6)	435.1 (127.5)	414.3 (121.4)	393.5 (115.3)		
	10 (-12.2)	444.8 (130.4)	425.7 (124.8)	406.6 (119.2)	387.5 (113.5)	368.6 (108)	349.7 (102.5)		
	5 (-15)	395.2 (115.8)	377.8 (110.7)	360.6 (105.7)	343.4 (100.6)	326.1 (95.6)	309.1 (90.6)		
	0 (-17.8)	349.0 (102.3)	333.3 (97.7)	317.5 (93.1)	302.0 (88.5)	286.4 (83.9)	271.1 (79.5)		
TVD080M8-B Compressor Model 6GE-40	30 (-1.1)	786.5 (230.5)	755.2 (221.3)	723.9 (212.1)	692.8 (203)	661.9 (194)	631.1 (184.9)		
	25 (-3.9)	711.7 (208.6)	682.9 (200.1)	654.2 (191.7)	625.6 (183.3)	597.0 (175)	568.7 (166.7)		
	20 (-6.7)	641.6 (188)	615.1 (180.3)	588.8 (172.6)	562.6 (164.9)	536.6 (157.2)	510.5 (149.6)		
	15 (-9.4)	575.8 (168.8)	551.7 (161.7)	527.7 (154.7)	503.8 (147.6)	480.1 (140.7)	456.3 (133.7)		
	10 (-12.2)	514.5 (150.8)	492.5 (144.3)	470.8 (138)	449.0 (131.6)	427.4 (125.2)	405.9 (119)		
	5 (-15)	457.2 (134)	437.4 (128.2)	417.7 (122.4)	398.0 (116.6)	378.4 (110.9)	358.9 (105.2)		
	0 (-17.8)	404.0 (118.4)	386.2 (113.2)	368.3 (107.9)	350.5 (102.7)	332.9 (97.5)	315.2 (92.4)		
TVD100M8-B Compressor Model 6FE-50	30 (-1.1)	904.9 (265.2)	868.6 (254.5)	832.2 (243.9)	795.9 (233.3)	759.8 (222.7)	723.9 (212.1)		
	25 (-3.9)	820.9 (240.6)	787.3 (230.7)	753.7 (220.9)	720.3 (211.1)	687.1 (201.4)	653.9 (191.7)		
	20 (-6.7)	741.7 (217.4)	710.6 (208.3)	680.0 (199.3)	649.3 (190.3)	618.7 (181.3)	588.4 (172.4)		
	15 (-9.4)	667.0 (195.5)	638.8 (187.2)	610.7 (179)	582.5 (170.7)	554.6 (162.5)	526.9 (154.4)		
	10 (-12.2)	597.0 (175)	571.4 (167.5)	545.6 (159.9)	520.2 (152.4)	494.8 (145)	469.6 (137.6)		
	5 (-15)	531.5 (155.8)	508.2 (148.9)	484.9 (142.1)	461.8 (135.3)	438.9 (128.6)	416.0 (121.9)		
	0 (-17.8)	470.4 (137.9)	449.2 (131.6)	428.2 (125.5)	407.4 (119.4)	386.6 (113.3)	365.8 (107.2)		

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

CAPACITY DATA - R407A
LOW TEMPERATURE
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)			
TVD024L8-B Compressor Model 4NES-14	0 (-17.8)	166.7 (48.9)	159.0 (46.6)	151.2 (44.3)	143.4 (42)	135.7 (39.8)	128.1 (37.5)				
	-5 (-20.6)	146.8 (43)	139.7 (40.9)	132.7 (38.9)	125.8 (36.9)	118.9 (34.8)	111.9 (32.8)				
	-10 (-23.3)	128.3 (37.6)	121.8 (35.7)	115.5 (33.8)	109.2 (32)	103.1 (30.2)	96.8 (28.4)				
	-15 (-26.1)	111.1 (32.6)	105.4 (30.9)	99.8 (29.2)	94.1 (27.6)	88.4 (25.9)	83.0 (24.3)				
	-20 (-28.9)	95.1 (27.9)	90.1 (26.4)	85.1 (24.9)	80.0 (23.4)	75.0 (22)	70.1 (20.6)				
	-25 (-31.7)	80.6 (23.6)	76.0 (22.3)	71.4 (20.9)	67.0 (19.6)	62.6 (18.3)	58.2 (17)				
	-30 (-34.4)	67.0 (19.6)	63.0 (18.5)	58.8 (17.2)	54.8 (16.1)	50.8 (14.9)	47.0 (13.8)				
	-35 (-37.2)	54.4 (15.9)	50.8 (14.9)	47.3 (13.8)	43.5 (12.7)	40.1 (11.8)	36.5 (10.7)				
	-40 (-40)	42.8 (12.6)	39.5 (11.6)	36.3 (10.6)	33.0 (9.7)	29.8 (8.7)	26.7 (7.8)				
TVD030L8-B Compressor Model 4HE-18	0 (-17.8)	218.8 (64.1)	208.7 (61.2)	198.9 (58.3)	189.2 (55.5)	179.6 (52.6)	170.1 (49.9)				
	-5 (-20.6)	193.2 (56.6)	184.2 (54)	175.4 (51.4)	166.5 (48.8)	157.7 (46.2)	149.1 (43.7)				
	-10 (-23.3)	169.3 (49.6)	161.1 (47.2)	153.1 (44.9)	145.1 (42.5)	137.3 (40.3)	129.6 (38)				
	-15 (-26.1)	146.8 (43)	139.4 (40.9)	132.3 (38.8)	125.2 (36.7)	118.2 (34.6)	111.3 (32.6)				
	-20 (-28.9)	125.8 (36.9)	119.3 (35)	112.8 (33)	106.5 (31.2)	100.2 (29.4)	94.1 (27.6)				
	-25 (-31.7)	106.1 (31.1)	100.4 (29.4)	94.5 (27.7)	88.8 (26)	83.4 (24.4)	77.9 (22.8)				
	-30 (-34.4)	87.6 (25.7)	82.5 (24.2)	77.3 (22.6)	72.5 (21.2)	67.4 (19.8)	62.8 (18.4)				
	-35 (-37.2)	70.1 (20.6)	65.7 (19.3)	61.1 (17.9)	56.7 (16.6)	52.5 (15.4)	48.3 (14.2)				
	-40 (-40)	53.8 (15.8)	49.8 (14.6)	45.8 (13.4)	41.8 (12.2)	38.0 (11.1)	34.2 (10)				
TVD040L8-B Compressor Model 4GE-23	0 (-17.8)	265.9 (77.9)	254.5 (74.6)	243.4 (71.3)	232.3 (68.1)	221.3 (64.9)	210.4 (61.7)				
	-5 (-20.6)	235.2 (68.9)	225.1 (66)	214.8 (63)	205.0 (60.1)	195.1 (57.2)	185.2 (54.3)				
	-10 (-23.3)	206.6 (60.6)	197.4 (57.9)	188.4 (55.2)	179.3 (52.6)	170.5 (50)	161.9 (47.5)				
	-15 (-26.1)	180.0 (52.7)	171.8 (50.3)	163.6 (47.9)	155.6 (45.6)	147.6 (43.3)	139.9 (41)				
	-20 (-28.9)	155.0 (45.4)	147.6 (43.3)	140.5 (41.2)	133.4 (39.1)	126.4 (37)	119.5 (35)				
	-25 (-31.7)	131.7 (38.6)	125.2 (36.7)	118.9 (34.8)	112.6 (33)	106.3 (31.1)	100.4 (29.4)				
	-30 (-34.4)	109.8 (32.2)	104.2 (30.5)	98.5 (28.9)	92.8 (27.2)	87.6 (25.7)	82.1 (24.1)				
	-35 (-37.2)	89.3 (26.2)	84.2 (24.7)	79.2 (23.2)	74.3 (21.8)	69.7 (20.4)	64.9 (19)				
	-40 (-40)	69.7 (20.4)	65.3 (19.1)	60.9 (17.8)	56.7 (16.6)	52.5 (15.4)	48.5 (14.2)				
TVD050L8-B Compressor Model 6HE-28	0 (-17.8)	335.8 (98.4)	320.5 (93.9)	305.6 (89.5)	290.6 (85.2)	275.9 (80.9)	261.5 (76.6)				
	-5 (-20.6)	296.1 (86.8)	282.2 (82.7)	268.8 (78.8)	255.4 (74.8)	242.1 (71)	228.9 (67.1)				
	-10 (-23.3)	258.9 (75.9)	246.5 (72.3)	234.4 (68.7)	222.2 (65.1)	210.4 (61.7)	198.7 (58.2)				
	-15 (-26.1)	224.3 (65.7)	213.2 (62.5)	202.2 (59.3)	191.5 (56.1)	180.8 (53)	170.3 (49.9)				
	-20 (-28.9)	191.9 (56.3)	182.1 (53.4)	172.4 (50.5)	162.8 (47.7)	153.3 (44.9)	143.9 (42.2)				
	-25 (-31.7)	161.9 (47.5)	153.1 (44.9)	144.3 (42.3)	135.9 (39.8)	127.5 (37.4)	119.1 (34.9)				
	-30 (-34.4)	133.6 (39.1)	125.8 (36.9)	118.0 (34.6)	110.5 (32.4)	103.1 (30.2)	95.8 (28.1)				
	-35 (-37.2)	106.9 (31.3)	100.2 (29.4)	93.2 (27.3)	86.5 (25.4)	80.0 (23.4)	73.7 (21.6)				
	-40 (-40)	81.9 (24)	75.8 (22.2)	69.7 (20.4)	63.8 (18.7)	58.2 (17)	52.5 (15.4)				
TVD060L8-B Compressor Model 6GE-34	0 (-17.8)	377.2 (110.5)	360.2 (105.5)	343.1 (100.6)	326.6 (95.7)	310.2 (90.9)	294.0 (86.2)				
	-5 (-20.6)	333.3 (97.7)	317.9 (93.2)	302.6 (88.7)	287.7 (84.3)	272.8 (79.9)	258.1 (75.6)				
	-10 (-23.3)	292.3 (85.7)	278.5 (81.6)	264.6 (77.5)	251.2 (73.6)	237.7 (69.7)	224.5 (65.8)				
	-15 (-26.1)	253.9 (74.4)	241.3 (70.7)	229.1 (67.1)	216.9 (63.6)	205.0 (60.1)	193.2 (56.6)				
	-20 (-28.9)	217.8 (63.8)	206.6 (60.6)	195.7 (57.4)	184.8 (54.2)	174.1 (51)	163.8 (48)				
	-25 (-31.7)	184.0 (53.9)	174.1 (51)	164.2 (48.1)	154.8 (45.4)	145.3 (42.6)	136.1 (39.9)				
	-30 (-34.4)	152.3 (44.6)	143.4 (42)	134.8 (39.5)	126.2 (37)	118.0 (34.6)	109.8 (32.2)				
	-35 (-37.2)	122.2 (35.8)	114.7 (33.6)	106.9 (31.3)	99.3 (29.1)	92.0 (27)	84.8 (24.9)				
	-40 (-40)	94.1 (27.6)	87.2 (25.5)	80.4 (23.6)	73.7 (21.6)	67.2 (19.7)	61.1 (17.9)				
TVD080L8-B Compressor Model 6FE-44	0 (-17.8)	451.3 (132.3)	431.3 (126.4)	411.6 (120.6)	391.9 (114.8)	372.5 (109.2)	353.6 (103.6)				
	-5 (-20.6)	399.6 (117.1)	381.6 (111.8)	363.5 (106.5)	345.9 (101.4)	328.4 (96.3)	311.2 (91.2)				
	-10 (-23.3)	351.1 (102.9)	334.7 (98.1)	318.6 (93.4)	302.6 (88.7)	286.9 (84.1)	271.5 (79.6)				
	-15 (-26.1)	305.6 (89.5)	290.9 (85.2)	276.4 (81)	262.1 (76.8)	248.0 (72.7)	234.2 (68.6)				
	-20 (-28.9)	262.7 (77)	249.7 (73.2)	236.7 (69.4)	224.1 (65.7)	211.5 (62)	199.3 (58.4)				
	-25 (-31.7)	222.6 (65.2)	211.1 (61.9)	199.5 (58.5)	188.2 (55.1)	177.2 (51.9)	166.3 (48.7)				
	-30 (-34.4)	184.8 (54.2)	174.5 (51.1)	164.4 (48.2)	154.6 (45.3)	144.7 (42.4)	135.2 (39.6)				
	-35 (-37.2)	149.3 (43.8)	140.3 (41.1)	131.3 (38.5)	122.4 (35.9)	113.8 (33.4)	105.6 (31)				
	-40 (-40)	115.5 (33.8)	107.5 (31.5)	99.5 (29.2)	92.0 (27)	84.4 (24.7)	77.1 (22.6)				

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

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

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)			
TVD024D8-B Compressor Model 4NES-14	0 (-17.8)	163.4 (47.9)	155.8 (45.7)	148.0 (43.4)	140.4 (41.1)	133.0 (39)	125.4 (36.8)			
	-5 (-20.6)	144.2 (42.3)	137.2 (40.2)	130.2 (38.2)	123.4 (36.2)	116.4 (34.1)	109.8 (32.2)			
	-10 (-23.3)	126.2 (37)	119.8 (35.1)	113.6 (33.3)	107.4 (31.5)	101.2 (29.7)	95.2 (27.9)			
	-15 (-26.1)	109.4 (32.1)	103.6 (30.4)	98.0 (28.7)	92.6 (27.1)	87.0 (25.5)	81.6 (23.9)			
	-20 (-28.9)	93.8 (27.5)	88.8 (26)	83.8 (24.6)	78.8 (23.1)	73.8 (21.6)	69.0 (20.2)			
	-25 (-31.7)	79.4 (23.3)	75.0 (22)	70.4 (20.6)	66.0 (19.3)	61.6 (18.1)	57.2 (16.8)			
	-30 (-34.4)	66.2 (19.4)	62.0 (18.2)	58.0 (17)	54.0 (15.8)	50.2 (14.7)	46.4 (13.6)			
	-35 (-37.2)	53.8 (15.8)	50.2 (14.7)	46.6 (13.7)	43.0 (12.6)	39.4 (11.5)	36.0 (10.6)			
TVD030D8-B Compressor Model 4HE-18	-40 (-40)	42.4 (12.4)	39.0 (11.4)	35.8 (10.5)	32.6 (9.6)	29.4 (8.6)	26.4 (7.7)			
	0 (-17.8)	212.8 (62.4)	203.2 (59.6)	193.6 (56.7)	184.0 (53.9)	174.6 (51.2)	165.4 (48.5)			
	-5 (-20.6)	188.4 (55.2)	179.6 (52.6)	170.8 (50.1)	162.2 (47.5)	153.6 (45)	145.4 (42.6)			
	-10 (-23.3)	165.4 (48.5)	157.4 (46.1)	149.4 (43.8)	141.6 (41.5)	134.0 (39.3)	126.4 (37)			
	-15 (-26.1)	143.6 (42.1)	136.6 (40)	129.4 (37.9)	122.4 (35.9)	115.6 (33.9)	108.8 (31.9)			
	-20 (-28.9)	123.2 (36.1)	116.8 (34.2)	110.6 (32.4)	104.2 (30.5)	98.2 (28.8)	92.2 (27)			
	-25 (-31.7)	104.2 (30.5)	98.4 (28.8)	92.8 (27.2)	87.2 (25.6)	81.8 (24)	76.4 (22.4)			
	-30 (-34.4)	86.0 (25.2)	81.0 (23.7)	76.0 (22.3)	71.0 (20.8)	66.2 (19.4)	61.6 (18.1)			
TVD040D8-B Compressor Model 4GE-23	-35 (-37.2)	69.0 (20.2)	64.4 (18.9)	60.0 (17.6)	55.6 (16.3)	51.4 (15.1)	47.4 (13.9)			
	-40 (-40)	52.8 (15.5)	48.8 (14.3)	44.8 (13.1)	41.0 (12)	37.2 (10.9)	33.6 (9.8)			
	0 (-17.8)	261.6 (76.7)	250.4 (73.4)	239.4 (70.2)	228.4 (66.9)	217.4 (63.7)	206.8 (60.6)			
	-5 (-20.6)	231.8 (67.9)	221.6 (64.9)	211.6 (62)	201.8 (59.1)	192.0 (56.3)	182.4 (53.5)			
	-10 (-23.3)	203.8 (59.7)	194.6 (57)	185.8 (54.5)	176.8 (51.8)	168.0 (49.2)	159.4 (46.7)			
	-15 (-26.1)	177.6 (52)	169.4 (49.6)	161.4 (47.3)	153.6 (45)	145.6 (42.7)	138.0 (40.4)			
	-20 (-28.9)	153.2 (44.9)	145.8 (42.7)	138.8 (40.7)	131.6 (38.6)	124.8 (36.6)	118.0 (34.6)			
	-25 (-31.7)	130.2 (38.2)	123.8 (36.3)	117.4 (34.4)	111.2 (32.6)	105.0 (30.8)	99.0 (29)			
TVD050D8-B Compressor Model 6HE-28	-30 (-34.4)	108.6 (31.8)	103.0 (30.2)	97.4 (28.5)	91.8 (26.9)	86.4 (25.3)	81.2 (23.8)			
	-35 (-37.2)	88.4 (25.9)	83.4 (24.4)	78.4 (23)	73.6 (21.6)	68.8 (20.2)	64.2 (18.8)			
	-40 (-40)	69.0 (20.2)	64.6 (18.9)	60.4 (17.7)	56.2 (16.5)	52.0 (15.2)	48.0 (14.1)			
	0 (-17.8)	329.4 (96.5)	314.4 (92.1)	299.6 (87.8)	285.0 (83.5)	270.6 (79.3)	256.4 (75.1)			
	-5 (-20.6)	290.8 (85.2)	277.4 (81.3)	264.0 (77.4)	250.6 (73.4)	237.6 (69.6)	224.8 (65.9)			
	-10 (-23.3)	254.8 (74.7)	242.6 (71.1)	230.4 (67.5)	218.6 (64.1)	206.8 (60.6)	195.2 (57.2)			
	-15 (-26.1)	221.0 (64.8)	210.0 (61.5)	199.2 (58.4)	188.4 (55.2)	177.8 (52.1)	167.6 (49.1)			
	-20 (-28.9)	189.2 (55.4)	179.4 (52.6)	169.8 (49.8)	160.2 (46.9)	151.0 (44.3)	141.8 (41.6)			
TVD060D8-B Compressor Model 6GE-34	-25 (-31.7)	159.6 (46.8)	151.0 (44.3)	142.4 (41.7)	133.8 (39.2)	125.6 (36.8)	117.4 (34.4)			
	-30 (-34.4)	131.8 (38.6)	124.2 (36.4)	116.6 (34.2)	109.0 (31.9)	101.6 (29.8)	94.4 (27.7)			
	-35 (-37.2)	105.6 (30.9)	98.8 (29)	92.2 (27)	85.4 (25)	79.0 (23.2)	72.8 (21.3)			
	-40 (-40)	81.0 (23.7)	74.8 (21.9)	69.0 (20.2)	63.0 (18.5)	57.4 (16.8)	51.8 (15.2)			

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

CAPACITY DATA - R448A R449A
HIGH TEMPERATURE

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °F °C	CAPACITY MBH (KW)		R448A	R449A	AMBIENT TEMPERATURE °F (°C)		
		85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)	
TVD030H8-B Compressor 4PES-15	45 (7.2)	420.0 (123.1)	403.2 (118.2)	386.6 (113.3)	370.0 (108.4)	353.6 (103.6)	337.1 (98.8)	
	40 (4.4)	382.0 (111.9)	366.7 (107.5)	351.1 (102.9)	335.8 (98.4)	320.5 (93.9)	305.1 (89.4)	
	35 (1.7)	346.3 (101.5)	332.0 (97.3)	317.7 (93.1)	303.7 (89)	289.4 (84.8)	275.3 (80.7)	
TVD040H8-B Compressor 4NES-20	45 (7.2)	503.2 (147.5)	484.1 (141.9)	464.9 (136.3)	445.8 (130.7)	426.7 (125.1)	---	---
	40 (4.4)	458.2 (134.3)	440.4 (129.1)	422.5 (123.8)	404.9 (118.7)	387.2 (113.5)	369.6 (108.3)	
	35 (1.7)	415.8 (121.9)	399.2 (117)	382.8 (112.2)	366.7 (107.5)	350.3 (102.7)	334.1 (97.9)	
TVD050H8-B Compressor 4HE-25	45 (7.2)	617.4 (180.9)	593.9 (174)	570.4 (167.2)	546.6 (160.2)	---	---	---
	40 (4.4)	566.6 (166)	544.7 (159.6)	522.7 (153.2)	500.6 (146.7)	478.6 (140.3)	---	---
	35 (1.7)	518.1 (151.8)	497.7 (145.9)	477.5 (140)	457.0 (133.9)	436.6 (128)	415.8 (121.9)	
TVD060H8-B Compressor 4GE-30	45 (7.2)	707.3 (207.3)	679.8 (199.2)	652.3 (191.2)	624.5 (183)	---	---	---
	40 (4.4)	649.5 (190.4)	623.9 (182.8)	598.3 (175.3)	572.5 (167.8)	546.6 (160.2)	---	---
	35 (1.7)	594.3 (174.2)	570.8 (167.3)	547.1 (160.3)	523.1 (153.3)	499.2 (146.3)	475.0 (139.2)	
TVD070H8-B Compressor 6HE-35	45 (7.2)	910.1 (266.7)	876.1 (256.8)	841.9 (246.7)	723.7 (212.1)	---	---	---
	40 (4.4)	835.0 (244.7)	803.3 (235.4)	771.3 (226.1)	659.0 (193.1)	739.2 (216.6)	---	---
	35 (1.7)	763.4 (223.7)	734.0 (215.1)	704.3 (206.4)	598.3 (175.3)	674.7 (197.7)	614.9 (180.2)	
TVD080H8-B Compressor 6GE-40	45 (7.2)	1035.3 (303.4)	995.2 (291.7)	955.1 (279.9)	914.6 (268)	874.0 (256.1)	---	---
	40 (4.4)	950.9 (278.7)	913.7 (267.8)	876.5 (256.9)	839.0 (245.9)	801.4 (234.9)	763.4 (223.7)	
	35 (1.7)	870.2 (255)	836.0 (245)	801.8 (235)	767.1 (224.8)	732.3 (214.6)	697.4 (204.4)	

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

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CAPACITY DATA - R448A R449A

MEDIUM TEMPERATURE

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)		
TVD030M8-B	30 (-1.1)	312.9 (91.7)	299.7 (87.8)	286.4 (83.9)	273.4 (80.1)	260.4 (76.3)	247.4 (72.5)		
	25 (-3.9)	281.4 (82.5)	269.4 (79)	257.5 (75.5)	245.3 (71.9)	233.5 (68.4)	221.6 (64.9)		
	20 (-6.7)	252.2 (73.9)	241.3 (70.7)	230.2 (67.5)	219.2 (64.3)	208.3 (61.1)	197.6 (57.9)		
	15 (-9.4)	225.1 (66)	215.3 (63.1)	205.2 (60.1)	195.3 (57.2)	185.2 (54.3)	175.4 (51.4)		
	10 (-12.2)	200.1 (58.7)	191.1 (56)	181.9 (53.3)	172.8 (50.7)	164.0 (48.1)	155.0 (45.4)		
	5 (-15)	177.0 (51.9)	168.8 (49.5)	160.7 (47.1)	152.5 (44.7)	144.3 (42.3)	136.3 (39.9)		
	0 (-17.8)	155.8 (45.7)	148.3 (43.5)	140.9 (41.3)	133.6 (39.1)	126.4 (37)	119.1 (34.9)		
TVD040M8-B	30 (-1.1)	375.9 (110.2)	360.8 (105.7)	345.9 (101.4)	331.0 (97)	315.8 (92.6)	301.1 (88.3)		
	25 (-3.9)	338.7 (99.3)	325.1 (95.3)	311.2 (91.2)	297.6 (87.2)	283.9 (83.2)	270.3 (79.2)		
	20 (-6.7)	304.3 (89.2)	291.7 (85.5)	279.1 (81.8)	266.7 (78.2)	254.3 (74.5)	241.9 (70.9)		
	15 (-9.4)	272.2 (79.8)	260.8 (76.4)	249.5 (73.1)	238.1 (69.8)	226.8 (66.5)	215.7 (63.2)		
	10 (-12.2)	242.6 (71.1)	232.3 (68.1)	222.0 (65.1)	211.7 (62)	201.6 (59.1)	191.3 (56.1)		
	5 (-15)	215.0 (63)	205.8 (60.3)	196.6 (57.6)	187.5 (55)	178.3 (52.3)	169.3 (49.6)		
	0 (-17.8)	190.1 (55.7)	181.7 (53.2)	173.5 (50.8)	165.1 (48.4)	156.9 (46)	148.9 (43.6)		
TVD050M8-B	30 (-1.1)	472.1 (138.4)	453.4 (132.9)	434.5 (127.3)	415.8 (121.9)	396.9 (116.3)	377.8 (110.7)		
	25 (-3.9)	428.4 (125.6)	411.4 (120.6)	394.2 (115.5)	377.0 (110.5)	359.5 (105.4)	342.1 (100.3)		
	20 (-6.7)	387.5 (113.5)	371.9 (109)	356.2 (104.4)	340.4 (99.8)	324.5 (95.1)	308.5 (90.4)		
	15 (-9.4)	349.2 (102.3)	335.0 (98.2)	320.7 (94)	306.2 (89.7)	291.7 (85.5)	277.2 (81.2)		
	10 (-12.2)	313.3 (91.8)	300.3 (88)	287.5 (84.3)	274.3 (80.4)	261.2 (76.6)	248.0 (72.7)		
	5 (-15)	279.7 (82)	268.2 (78.6)	256.4 (75.1)	244.7 (71.7)	232.9 (68.3)	220.9 (64.7)		
	0 (-17.8)	248.6 (72.9)	238.1 (69.8)	227.6 (66.7)	217.1 (63.6)	206.4 (60.5)	195.7 (57.4)		
TVD060M8-B	30 (-1.1)	541.8 (158.8)	520.2 (152.4)	498.3 (146)	476.5 (139.6)	454.4 (133.2)	432.2 (126.7)		
	25 (-3.9)	492.2 (144.3)	472.5 (138.5)	452.6 (132.6)	432.4 (126.7)	412.2 (120.8)	391.9 (114.8)		
	20 (-6.7)	445.6 (130.6)	427.6 (125.3)	409.5 (120)	391.0 (114.6)	372.8 (109.2)	354.1 (103.8)		
	15 (-9.4)	401.7 (117.7)	385.6 (113)	369.0 (108.1)	352.4 (103.3)	335.6 (98.3)	318.8 (93.4)		
	10 (-12.2)	360.8 (105.7)	346.1 (101.4)	331.2 (97.1)	316.3 (92.7)	301.1 (88.3)	285.8 (83.8)		
	5 (-15)	322.6 (94.5)	309.3 (90.7)	296.1 (86.8)	282.5 (82.8)	268.8 (78.8)	255.2 (74.8)		
	0 (-17.8)	287.1 (84.1)	275.3 (80.7)	263.3 (77.2)	251.2 (73.6)	239.0 (70)	226.6 (66.4)		
TVD070M8-B	30 (-1.1)	695.3 (203.8)	668.2 (195.8)	640.9 (187.8)	613.6 (179.8)	586.1 (171.8)	558.4 (163.6)		
	25 (-3.9)	631.1 (184.9)	606.3 (177.7)	581.3 (170.4)	556.1 (163)	530.9 (155.6)	505.5 (148.1)		
	20 (-6.7)	570.8 (167.3)	547.9 (160.6)	525.2 (153.9)	502.1 (147.2)	479.0 (140.4)	455.7 (133.6)		
	15 (-9.4)	514.1 (150.7)	493.5 (144.6)	472.5 (138.5)	451.7 (132.4)	430.5 (126.2)	409.5 (120)		
	10 (-12.2)	461.4 (135.2)	442.5 (129.7)	423.6 (124.1)	404.7 (118.6)	385.4 (112.9)	366.2 (107.3)		
	5 (-15)	412.0 (120.8)	395.0 (115.8)	378.0 (110.8)	360.8 (105.7)	343.4 (100.6)	325.9 (95.5)		
	0 (-17.8)	366.2 (107.3)	350.9 (102.8)	335.6 (98.3)	320.0 (93.8)	304.3 (89.2)	288.5 (84.6)		
TVD080M8-B	30 (-1.1)	793.8 (232.6)	762.5 (223.5)	730.8 (214.2)	699.1 (204.9)	667.2 (195.5)	635.0 (186.1)		
	25 (-3.9)	721.6 (211.5)	692.8 (203)	664.0 (194.6)	635.0 (186.1)	605.9 (177.6)	576.2 (168.9)		
	20 (-6.7)	653.5 (191.5)	627.3 (183.8)	601.0 (176.1)	574.8 (168.4)	548.1 (160.6)	521.2 (152.8)		
	15 (-9.4)	589.5 (172.8)	566.0 (165.9)	542.2 (158.9)	518.1 (151.8)	493.9 (144.8)	469.6 (137.6)		
	10 (-12.2)	529.8 (155.3)	508.4 (149)	487.0 (142.7)	465.4 (136.4)	443.5 (130)	421.3 (123.5)		
	5 (-15)	474.0 (138.9)	454.9 (133.3)	435.5 (127.6)	416.0 (121.9)	396.3 (116.1)	376.3 (110.3)		
	0 (-17.8)	422.1 (123.7)	404.9 (118.7)	387.5 (113.5)	370.0 (108.4)	352.4 (103.3)	334.3 (98)		
TVD100M8-B	30 (-1.1)	931.4 (273)	893.8 (261.9)	856.0 (250.9)	818.0 (239.7)	779.7 (228.5)	741.3 (217.3)		
	25 (-3.9)	850.1 (249.1)	815.9 (239.1)	781.2 (228.9)	746.3 (218.7)	711.3 (208.5)	676.0 (198.1)		
	20 (-6.7)	772.8 (226.5)	741.5 (217.3)	710.2 (208.1)	678.3 (198.8)	646.4 (189.4)	614.3 (180)		
	15 (-9.4)	699.7 (205.1)	671.4 (196.8)	642.8 (188.4)	614.0 (180)	585.1 (171.5)	555.9 (162.9)		
	10 (-12.2)	630.8 (184.9)	605.2 (177.4)	579.6 (169.9)	553.6 (162.2)	527.3 (154.5)	500.9 (146.8)		
	5 (-15)	566.0 (165.9)	543.1 (159.2)	520.0 (152.4)	496.4 (145.5)	472.9 (138.6)	449.0 (131.6)		
	0 (-17.8)	505.3 (148.1)	484.7 (142)	463.9 (136)	442.9 (129.8)	421.7 (123.6)	400.1 (117.2)		

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

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °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)			
TVD024L8-B	0 (-17.8)	173.0 (50.7)	164.9 (48.3)	156.7 (45.9)	148.5 (43.5)	140.3 (41.1)	132.1 (38.7)			
	-5 (-20.6)	152.9 (44.8)	145.5 (42.7)	138.2 (40.5)	130.8 (38.3)	123.3 (36.1)	115.9 (34)			
	-10 (-23.3)	134.2 (39.3)	127.5 (37.4)	121.0 (35.4)	114.2 (33.5)	107.7 (31.6)	101.0 (29.6)			
	-15 (-26.1)	117.0 (34.3)	111.1 (32.6)	105.0 (30.8)	99.1 (29)	93.2 (27.3)	87.2 (25.5)			
	-20 (-28.9)	101.0 (29.6)	95.8 (28.1)	90.5 (26.5)	85.3 (25)	79.8 (23.4)	74.6 (21.8)			
	-25 (-31.7)	86.5 (25.4)	81.9 (24)	77.1 (22.6)	72.5 (21.2)	67.6 (19.8)	63.0 (18.5)			
	-30 (-34.4)	73.3 (21.5)	69.1 (20.2)	64.9 (19)	60.5 (17.7)	56.3 (16.5)	52.1 (15.3)			
	-35 (-37.2)	61.1 (17.9)	57.3 (16.8)	53.6 (15.7)	49.8 (14.6)	46.0 (13.5)	42.2 (12.4)			
Compressor Model 4NES-14	-40 (-40)	50.2 (14.7)	46.6 (13.7)	43.3 (12.7)	39.7 (11.6)	---	---	---	---	---
TVD030L8-B	0 (-17.8)	234.4 (68.7)	224.3 (65.7)	214.2 (62.8)	204.1 (59.8)	194.0 (56.9)	184.0 (53.9)			
	-5 (-20.6)	208.7 (61.2)	199.7 (58.5)	190.5 (55.8)	181.2 (53.1)	172.2 (50.5)	163.0 (47.8)			
	-10 (-23.3)	184.8 (54.2)	176.4 (51.7)	168.2 (49.3)	160.0 (46.9)	151.8 (44.5)	143.6 (42.1)			
	-15 (-26.1)	162.3 (47.6)	155.0 (45.4)	147.6 (43.3)	140.1 (41.1)	132.7 (38.9)	125.4 (36.7)			
	-20 (-28.9)	141.5 (41.5)	134.8 (39.5)	128.3 (37.6)	121.6 (35.6)	115.1 (33.7)	108.4 (31.8)			
	-25 (-31.7)	122.2 (35.8)	116.1 (34)	110.3 (32.3)	104.4 (30.6)	98.5 (28.9)	92.6 (27.1)			
	-30 (-34.4)	104.2 (30.5)	98.9 (29)	93.5 (27.4)	88.2 (25.8)	83.0 (24.3)	77.7 (22.8)			
Compressor Model 4HE-18	-35 (-37.2)	87.6 (25.7)	82.7 (24.2)	77.9 (22.8)	73.3 (21.5)	68.5 (20.1)	63.8 (18.7)			
TVD040L8-B	-40 (-40)	72.0 (21.1)	67.8 (19.9)	63.4 (18.6)	59.2 (17.4)	---	---	---	---	---
	0 (-17.8)	281.2 (82.4)	269.6 (79)	258.1 (75.6)	246.3 (72.2)	234.8 (68.8)	223.0 (65.4)			
	-5 (-20.6)	250.5 (73.4)	240.2 (70.4)	229.7 (67.3)	219.2 (64.3)	208.7 (61.2)	198.2 (58.1)			
	-10 (-23.3)	222.0 (65.1)	212.7 (62.3)	203.3 (59.6)	194.0 (56.9)	184.6 (54.1)	175.4 (51.4)			
	-15 (-26.1)	195.3 (57.2)	187.1 (54.8)	178.7 (52.4)	170.5 (50)	162.1 (47.5)	153.9 (45.1)			
	-20 (-28.9)	170.7 (50)	163.4 (47.9)	156.0 (45.7)	148.7 (43.6)	141.3 (41.4)	134.0 (39.3)			
	-25 (-31.7)	147.8 (43.3)	141.3 (41.4)	134.8 (39.5)	128.3 (37.6)	121.8 (35.7)	115.3 (33.8)			
Compressor Model 4GE-23	-30 (-34.4)	126.6 (37.1)	120.8 (35.4)	115.1 (33.7)	109.4 (32.1)	103.5 (30.3)	98.1 (28.7)			
TVD050L8-B	-35 (-37.2)	107.1 (31.4)	101.9 (29.8)	96.8 (28.4)	91.8 (26.9)	86.7 (25.4)	---	---	---	---
	-40 (-40)	88.8 (26)	84.2 (24.7)	79.8 (23.4)	75.2 (22)	---	---	---	---	---
	0 (-17.8)	353.6 (103.6)	338.7 (99.3)	323.8 (94.9)	308.7 (90.5)	293.6 (86)	278.5 (81.6)			
	-5 (-20.6)	314.4 (92.1)	300.9 (88.2)	287.3 (84.2)	273.6 (80.2)	260.0 (76.2)	246.3 (72.2)			
	-10 (-23.3)	277.8 (81.4)	265.7 (77.9)	253.5 (74.3)	241.1 (70.7)	228.7 (67)	216.3 (63.4)			
	-15 (-26.1)	244.0 (71.5)	232.9 (68.3)	222.0 (65.1)	210.8 (61.8)	199.7 (58.5)	188.6 (55.3)			
	-20 (-28.9)	212.5 (62.3)	202.7 (59.4)	192.6 (56.4)	182.7 (53.5)	172.6 (50.6)	162.5 (47.6)			
Compressor Model 6HE-28	-25 (-31.7)	183.3 (53.7)	174.5 (51.1)	165.5 (48.5)	156.7 (45.9)	147.6 (43.3)	138.6 (40.6)			
TVD060L8-B	-30 (-34.4)	156.7 (45.9)	148.5 (43.5)	140.5 (41.2)	132.3 (38.8)	124.3 (36.4)	116.1 (34)			
	-35 (-37.2)	131.7 (38.6)	124.5 (36.5)	117.2 (34.3)	109.8 (32.2)	102.5 (30)	95.1 (27.9)			
	-40 (-40)	108.8 (31.9)	102.3 (30)	95.6 (28)	88.8 (26)	---	---	---	---	---
	0 (-17.8)	409.7 (120.1)	393.3 (115.3)	377.0 (110.5)	360.4 (105.6)	343.6 (100.7)	326.6 (95.7)			
	-5 (-20.6)	366.9 (107.5)	352.4 (103.3)	337.5 (98.9)	322.6 (94.5)	307.4 (90.1)	292.1 (85.6)			
	-10 (-23.3)	326.8 (95.8)	313.7 (91.9)	300.3 (88)	287.1 (84.1)	273.4 (80.1)	259.6 (76.1)			
	-15 (-26.1)	289.2 (84.7)	277.4 (81.3)	265.7 (77.9)	253.7 (74.3)	241.3 (70.7)	228.9 (67.1)			
Compressor Model 6GE-34	-20 (-28.9)	254.1 (74.5)	243.6 (71.4)	233.1 (68.3)	222.2 (65.1)	211.3 (61.9)	200.1 (58.7)			
TVD080L8-B	-25 (-31.7)	221.3 (64.9)	212.1 (62.2)	202.7 (59.4)	193.0 (56.6)	183.1 (53.7)	173.0 (50.7)			
	-30 (-34.4)	191.1 (56)	182.7 (53.5)	174.1 (51)	165.5 (48.5)	156.7 (45.9)	147.6 (43.3)			
	-35 (-37.2)	162.8 (47.7)	155.2 (45.5)	147.6 (43.3)	139.7 (40.9)	131.7 (38.6)	---	---	---	---
	-40 (-40)	136.7 (40.1)	129.8 (38)	122.6 (35.9)	115.5 (33.8)	---	---	---	---	---
	0 (-17.8)	485.7 (142.4)	465.8 (136.5)	445.6 (130.6)	425.5 (124.7)	405.1 (118.7)	384.5 (112.7)			
	-5 (-20.6)	434.5 (127.3)	416.4 (122)	398.4 (116.8)	380.1 (111.4)	361.6 (106)	343.1 (100.6)			
	-10 (-23.3)	386.4 (113.2)	370.0 (108.4)	353.6 (103.6)	337.3 (98.8)	320.7 (94)	303.9 (89.1)			
	-15 (-26.1)	341.0 (99.9)	326.3 (95.6)	311.6 (91.3)	296.7 (87)	281.8 (82.6)	266.7 (78.2)			
Compressor Model 6FE-44	-20 (-28.9)	298.6 (87.5)	285.6 (83.7)	272.2 (79.8)	258.7 (75.8)	245.3 (71.9)	231.4 (67.8)			
TVD080L8-B	-25 (-31.7)	259.1 (75.9)	247.2 (72.4)	235.2 (68.9)	223.0 (65.4)	210.6 (61.7)	198.2 (58.1)			
	-30 (-34.4)	222.2 (65.1)	211.5 (62)	200.6 (58.8)	189.4 (55.5)	178.1 (52.2)	166.7 (48.9)			
	-35 (-37.2)	188.0 (55.1)	178.1 (52.2)	168.0 (49.2)	157.7 (46.2)	147.2 (43.1)	---	---	---	---
	-40 (-40)	156.0 (45.7)	146.8 (43)	137.3 (40.3)	127.7 (37.4)	---	---	---	---	---

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

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE	CAPACITY MBH (KW) R448A R449A AMBIENT TEMPERATURE °F (°C)							
		85 °F (29.4)	90 (32.2)	95 (35)	100 (37.8)	105 (40.6)	110 (43.3)		
TVD024D8-B	0 (-17.8)	169.6 (49.7)	161.6 (47.4)	153.4 (45)	145.4 (42.6)	137.2 (40.2)	129.0 (37.8)		
	-5 (-20.6)	150.0 (44)	142.8 (41.9)	135.4 (39.7)	128.2 (37.6)	120.8 (35.4)	113.4 (33.2)		
	-10 (-23.3)	131.8 (38.6)	125.4 (36.8)	118.8 (34.8)	112.2 (32.9)	105.6 (30.9)	99.0 (29)		
	-15 (-26.1)	115.0 (33.7)	109.2 (32)	103.2 (30.2)	97.4 (28.5)	91.6 (26.8)	85.6 (25.1)		
	Compressor Model 4NES-14								
	-20 (-28.9)	99.6 (29.2)	94.4 (27.7)	89.0 (26.1)	83.8 (24.6)	78.6 (23)	73.2 (21.5)		
	-25 (-31.7)	85.4 (25)	80.6 (23.6)	76.0 (22.3)	71.2 (20.9)	66.6 (19.5)	61.8 (18.1)		
	-30 (-34.4)	72.4 (21.2)	68.2 (20)	64.0 (18.8)	59.8 (17.5)	55.6 (16.3)	51.4 (15.1)		
TVD030D8-B	-35 (-37.2)	60.4 (17.7)	56.6 (16.6)	52.8 (15.5)	49.0 (14.4)	45.4 (13.3)	41.6 (12.2)		
	-40 (-40)	49.6 (14.5)	46.0 (13.5)	42.6 (12.5)	39.2 (11.5)	35.8 (10.5)	32.6 (9.6)		
	0 (-17.8)	228.0 (66.8)	218.0 (63.9)	208.2 (61)	198.2 (58.1)	188.2 (55.2)	178.4 (52.3)		
	-5 (-20.6)	203.6 (59.7)	194.6 (57)	185.6 (54.4)	176.6 (51.8)	167.6 (49.1)	158.6 (46.5)		
	-10 (-23.3)	180.6 (52.9)	172.4 (50.5)	164.2 (48.1)	156.2 (45.8)	148.0 (43.4)	140.0 (41)		
	Compressor Model 4HE-18								
	-15 (-26.1)	159.0 (46.6)	151.6 (44.4)	144.2 (42.3)	137.0 (40.2)	129.6 (38)	122.4 (35.9)		
	-20 (-28.9)	138.8 (40.7)	132.2 (38.7)	125.6 (36.8)	119.0 (34.9)	112.6 (33)	106.0 (31.1)		
TVD040D8-B	-25 (-31.7)	120.0 (35.2)	114.0 (33.4)	108.2 (31.7)	102.2 (30)	96.4 (28.3)	90.6 (26.6)		
	-30 (-34.4)	102.4 (30)	97.2 (28.5)	91.8 (26.9)	86.6 (25.4)	81.4 (23.9)	76.2 (22.3)		
	-35 (-37.2)	86.2 (25.3)	81.4 (23.9)	76.6 (22.4)	72.0 (21.1)	67.2 (19.7)	62.6 (18.3)		
	-40 (-40)	71.0 (20.8)	66.6 (19.5)	62.4 (18.3)	58.2 (17.1)	54.0 (15.8)	49.8 (14.6)		
	0 (-17.8)	276.8 (81.1)	265.2 (77.7)	253.6 (74.3)	242.0 (70.9)	230.4 (67.5)	218.8 (64.1)		
	-5 (-20.6)	246.8 (72.3)	236.6 (69.3)	226.2 (66.3)	215.8 (63.2)	205.4 (60.2)	195.0 (57.1)		
	-10 (-23.3)	219.0 (64.2)	209.8 (61.5)	200.4 (58.7)	191.2 (56)	181.8 (53.3)	172.6 (50.6)		
	Compressor Model 4GE-23								
	-15 (-26.1)	193.0 (56.6)	184.6 (54.1)	176.4 (51.7)	168.2 (49.3)	160.0 (46.9)	151.8 (44.5)		
TVD050D8-B	-20 (-28.9)	168.8 (49.5)	161.4 (47.3)	154.0 (45.1)	146.8 (43)	139.4 (40.9)	132.2 (38.7)		
	-25 (-31.7)	146.2 (42.8)	139.8 (41)	133.2 (39)	126.8 (37.2)	120.4 (35.3)	114.0 (33.4)		
	-30 (-34.4)	125.4 (36.8)	119.6 (35.1)	113.8 (33.4)	108.2 (31.7)	102.4 (30)	96.8 (28.4)		
	-35 (-37.2)	106.0 (31.1)	101.0 (29.6)	95.8 (28.1)	90.8 (26.6)	85.8 (25.1)	80.8 (23.7)		
	-40 (-40)	88.0 (25.8)	83.4 (24.4)	79.0 (23.2)	74.4 (21.8)	70.0 (20.5)	65.6 (19.2)		
	0 (-17.8)	347.2 (101.8)	332.4 (97.4)	317.4 (93)	302.6 (88.7)	287.6 (84.3)	272.6 (79.9)		
	-5 (-20.6)	309.0 (90.6)	295.6 (86.6)	282.2 (82.7)	268.6 (78.7)	255.0 (74.7)	241.4 (70.7)		
	-10 (-23.3)	273.6 (80.2)	261.4 (76.6)	249.2 (73)	237.0 (69.5)	224.6 (65.8)	212.4 (62.2)		
TVD060D8-B	Compressor Model 6HE-28								
	-15 (-26.1)	240.4 (70.5)	229.4 (67.2)	218.4 (64)	207.4 (60.8)	196.4 (57.6)	185.2 (54.3)		
	-20 (-28.9)	209.6 (61.4)	199.8 (58.6)	189.8 (55.6)	180.0 (52.8)	170.0 (49.8)	160.0 (46.9)		
	-25 (-31.7)	181.0 (53)	172.2 (50.5)	163.2 (47.8)	154.4 (45.3)	145.4 (42.6)	136.4 (40)		
	-30 (-34.4)	154.6 (45.3)	146.6 (43)	138.6 (40.6)	130.6 (38.3)	122.4 (35.9)	114.4 (33.5)		
	-35 (-37.2)	130.2 (38.2)	123.0 (36)	115.6 (33.9)	108.4 (31.8)	101.0 (29.6)	93.8 (27.5)		
	-40 (-40)	107.6 (31.5)	101.0 (29.6)	94.4 (27.7)	87.6 (25.7)	81.0 (23.7)	74.2 (21.7)		
	0 (-17.8)	401.4 (117.6)	385.2 (112.9)	368.8 (108.1)	352.4 (103.3)	335.6 (98.4)	318.8 (93.4)		
TVD060D8-B	-5 (-20.6)	360.2 (105.6)	345.6 (101.3)	331.0 (97)	316.0 (92.6)	301.0 (88.2)	285.6 (83.7)		
	-10 (-23.3)	321.4 (94.2)	308.2 (90.3)	295.0 (86.5)	281.6 (82.5)	268.2 (78.6)	254.4 (74.6)		
	-15 (-26.1)	284.8 (83.5)	273.0 (80)	261.2 (76.5)	249.2 (73)	237.2 (69.5)	224.8 (65.9)		
	Compressor Model 6GE-34								
	-20 (-28.9)	250.6 (73.4)	240.0 (70.3)	229.6 (67.3)	218.8 (64.1)	207.8 (60.9)	196.8 (57.7)		
	-25 (-31.7)	218.6 (64.1)	209.2 (61.3)	199.8 (58.6)	190.2 (55.7)	180.4 (52.9)	170.4 (49.9)		
	-30 (-34.4)	188.8 (55.3)	180.4 (52.9)	171.8 (50.3)	163.2 (47.8)	154.4 (45.3)	145.4 (42.6)		
	-35 (-37.2)	161.0 (47.2)	153.4 (45)	145.6 (42.7)	137.8 (40.4)	129.8 (38)	121.6 (35.6)		
	-40 (-40)	135.2 (39.6)	128.2 (37.6)	121.2 (35.5)	114.0 (33.4)	106.6 (31.2)	99.0 (29)		

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

CAPACITY DATA - R448A R449A
EXTENDED LOW TEMPERATURE
60Hz

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)	
TVD016V8-B	-25 (-31.7)	66.6 (19.5)	65.2 (19.1)	64.0 (18.8)	62.8 (18.4)	61.8 (18.1)	60.8 (17.8)		
	-30 (-34.4)	58.8 (17.2)	57.4 (16.8)	56.2 (16.5)	55.0 (16.1)	54.0 (15.8)	53.0 (15.5)		
	-35 (-37.2)	51.6 (15.1)	50.4 (14.8)	49.2 (14.4)	48.0 (14.1)	46.8 (13.7)	45.8 (13.4)		
	-40 (-40)	45.0 (13.2)	43.8 (12.8)	42.6 (12.5)	41.4 (12.1)	40.4 (11.8)	39.4 (11.5)		
	-45 (-42.8)	38.8 (11.4)	37.8 (11.1)	36.6 (10.7)	35.6 (10.4)	34.4 (10.1)	33.4 (9.8)		
	-50 (-45.6)	33.4 (9.8)	32.4 (9.5)	31.2 (9.1)	30.2 (8.9)	29.2 (8.6)	28.2 (8.3)		
	-55 (-48.3)	28.4 (8.3)	27.4 (8)	26.4 (7.7)	25.4 (7.4)	24.4 (7.2)	23.4 (6.9)		
	-60 (-51.1)	23.8 (7)	23.0 (6.7)	22.0 (6.4)	21.0 (6.2)	20.0 (5.9)	19.0 (5.6)		
TVD024V8-B	-25 (-31.7)	99.4 (29.1)	97.6 (28.6)	95.6 (28)	94.0 (27.5)	92.4 (27.1)	91.0 (26.7)		
	-30 (-34.4)	87.8 (25.7)	85.8 (25.1)	84.0 (24.6)	82.2 (24.1)	80.8 (23.7)	79.2 (23.2)		
	-35 (-37.2)	77.0 (22.6)	75.2 (22)	73.4 (21.5)	71.6 (21)	70.0 (20.5)	68.6 (20.1)		
	-40 (-40)	67.0 (19.6)	65.4 (19.2)	63.6 (18.6)	61.8 (18.1)	60.2 (17.6)	58.8 (17.2)		
	-45 (-42.8)	58.0 (17)	56.4 (16.5)	54.6 (16)	53.0 (15.5)	51.4 (15.1)	49.8 (14.6)		
	-50 (-45.6)	49.8 (14.6)	48.2 (14.1)	46.6 (13.7)	45.0 (13.2)	43.4 (12.7)	42.0 (12.3)		
	-55 (-48.3)	42.4 (12.4)	40.8 (12)	39.4 (11.5)	37.8 (11.1)	36.2 (10.6)	34.8 (10.2)		
	-60 (-51.1)	35.8 (10.5)	34.2 (10)	32.8 (9.6)	31.4 (9.2)	29.8 (8.7)	28.4 (8.3)		
TVD032V8-B	-25 (-31.7)	146.0 (42.8)	143.2 (42)	140.6 (41.2)	138.2 (40.5)	136.2 (39.9)	-	-	
	-30 (-34.4)	128.8 (37.7)	126.0 (36.9)	123.4 (36.2)	121.0 (35.5)	118.8 (34.8)	117.0 (34.3)		
	-35 (-37.2)	112.8 (33.1)	110.2 (32.3)	107.6 (31.5)	105.0 (30.8)	102.8 (30.1)	100.8 (29.5)		
	-40 (-40)	98.4 (28.8)	95.6 (28)	93.2 (27.3)	90.6 (26.6)	88.4 (25.9)	86.2 (25.3)		
	-45 (-42.8)	85.0 (24.9)	82.6 (24.2)	80.0 (23.4)	77.6 (22.7)	75.2 (22)	73.0 (21.4)		
	-50 (-45.6)	73.0 (21.4)	70.6 (20.7)	68.2 (20)	65.6 (19.2)	63.4 (18.6)	61.2 (17.9)		
	-55 (-48.3)	62.0 (18.2)	59.8 (17.5)	57.4 (16.8)	55.0 (16.1)	52.8 (15.5)	50.6 (14.8)		
	-60 (-51.1)	52.2 (15.3)	50.0 (14.7)	47.8 (14)	45.6 (13.4)	43.4 (12.7)	41.2 (12.1)		
TVD040V8-B	-25 (-31.7)	173.0 (50.7)	169.6 (49.7)	166.4 (48.8)	163.4 (47.9)	160.6 (47.1)	158.4 (46.4)		
	-30 (-34.4)	152.6 (44.7)	149.4 (43.8)	146.0 (42.8)	143.0 (41.9)	140.4 (41.1)	137.8 (40.4)		
	-35 (-37.2)	133.8 (39.2)	130.6 (38.3)	127.6 (37.4)	124.6 (36.5)	121.8 (35.7)	119.2 (34.9)		
	-40 (-40)	116.6 (34.2)	113.6 (33.3)	110.6 (32.4)	107.6 (31.5)	104.8 (30.7)	102.2 (30)		
	-45 (-42.8)	101.0 (29.6)	98.0 (28.7)	95.0 (27.8)	92.2 (27)	89.4 (26.2)	86.8 (25.4)		
	-50 (-45.6)	86.6 (25.4)	83.8 (24.6)	81.0 (23.7)	78.2 (22.9)	75.4 (22.1)	72.8 (21.3)		
	-55 (-48.3)	73.6 (21.6)	71.0 (20.8)	68.4 (20)	65.6 (19.2)	63.0 (18.5)	60.4 (17.7)		
	-60 (-51.1)	62.0 (18.2)	59.6 (17.5)	57.0 (16.7)	54.4 (15.9)	51.8 (15.2)	49.4 (14.5)		
TVD050V8-B	-25 (-31.7)	197.2 (57.8)	193.4 (56.7)	189.6 (55.6)	186.4 (54.6)	183.4 (53.7)	180.8 (53)		
	-30 (-34.4)	174.0 (51)	170.2 (49.9)	166.6 (48.8)	163.2 (47.8)	160.0 (46.9)	157.4 (46.1)		
	-35 (-37.2)	152.6 (44.7)	149.0 (43.7)	145.4 (42.6)	142.0 (41.6)	138.8 (40.7)	136.0 (39.9)		
	-40 (-40)	133.0 (39)	129.4 (37.9)	126.0 (36.9)	122.6 (35.9)	119.4 (35)	116.4 (34.1)		
	-45 (-42.8)	115.0 (33.7)	111.6 (32.7)	108.2 (31.7)	105.0 (30.8)	101.8 (29.8)	98.8 (29)		
	-50 (-45.6)	98.6 (28.9)	95.4 (28)	92.2 (27)	89.0 (26.1)	86.0 (25.2)	83.0 (24.3)		
	-55 (-48.3)	84.0 (24.6)	81.0 (23.7)	77.8 (22.8)	74.8 (21.9)	71.6 (21)	68.6 (20.1)		
	-60 (-51.1)	70.8 (20.7)	67.8 (19.9)	65.0 (19)	62.0 (18.2)	59.0 (17.3)	56.0 (16.4)		
TVD060V8-B	-25 (-31.7)	235.4 (69)	230.8 (67.6)	226.6 (66.4)	222.6 (65.2)	219.0 (64.2)	216.2 (63.4)		
	-30 (-34.4)	207.8 (60.9)	203.2 (59.6)	198.8 (58.3)	194.8 (57.1)	191.2 (56)	188.0 (55.1)		
	-35 (-37.2)	182.2 (53.4)	177.8 (52.1)	173.6 (50.9)	169.4 (49.6)	165.8 (48.6)	162.4 (47.6)		
	-40 (-40)	158.8 (46.5)	154.6 (45.3)	150.4 (44.1)	146.4 (42.9)	142.6 (41.8)	139.0 (40.7)		
	-45 (-42.8)	137.2 (40.2)	133.2 (39)	129.2 (37.9)	125.4 (36.8)	121.6 (35.6)	118.0 (34.6)		
	-50 (-45.6)	117.8 (34.5)	114.0 (33.4)	110.2 (32.3)	106.2 (31.1)	102.6 (30.1)	99.0 (29)		
	-55 (-48.3)	100.2 (29.4)	96.6 (28.3)	92.8 (27.2)	89.2 (26.1)	85.4 (25)	82.0 (24)		
	-60 (-51.1)	84.4 (24.7)	81.0 (23.7)	77.4 (22.7)	73.8 (21.6)	70.2 (20.6)	66.8 (19.6)		

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

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)		
TVD030H8-B Compressor Model 4PES-15	55 (12.8)	476.1 (139.5)	458.4 (134.4)	440.6 (129.1)	422.7 (123.9)	404.9 (118.7)	386.8 (113.4)		
	50 (10)	435.5 (127.6)	419.0 (122.8)	402.6 (118)	386.0 (113.1)	369.2 (108.2)	352.6 (103.3)		
	45 (7.2)	397.1 (116.4)	381.8 (111.9)	366.5 (107.4)	351.1 (102.9)	335.8 (98.4)	320.3 (93.9)		
	40 (4.4)	360.8 (105.7)	346.7 (101.6)	332.6 (97.5)	318.6 (93.4)	304.3 (89.2)	290.0 (85)		
	35 (1.7)	326.8 (95.8)	314.0 (92)	300.9 (88.2)	287.9 (84.4)	274.9 (80.6)	261.7 (76.7)		
TVD040H8-B Compressor Model 4NES-20	55 (12.8)	565.7 (165.8)	545.2 (159.8)	524.4 (153.7)	503.6 (147.6)	482.8 (141.5)	461.8 (135.3)		
	50 (10)	517.2 (151.6)	498.1 (146)	479.0 (140.4)	459.7 (134.7)	440.4 (129.1)	421.1 (123.4)		
	45 (7.2)	471.7 (138.2)	454.0 (133.1)	436.2 (127.8)	418.3 (122.6)	400.5 (117.4)	382.6 (112.1)		
	40 (4.4)	428.6 (125.6)	412.2 (120.8)	396.1 (116.1)	379.7 (111.3)	363.1 (106.4)	346.7 (101.6)		
	35 (1.7)	388.1 (113.7)	373.4 (109.4)	358.3 (105)	343.4 (100.6)	328.2 (96.2)	313.1 (91.8)		
TVD050H8-B Compressor Model 4HE-25	55 (12.8)	706.4 (207)	681.2 (199.7)	655.8 (192.2)	630.2 (184.7)	604.6 (177.2)	579.0 (169.7)		
	50 (10)	649.1 (190.2)	625.6 (183.3)	601.9 (176.4)	578.1 (169.4)	554.2 (162.4)	530.3 (155.4)		
	45 (7.2)	594.1 (174.1)	572.3 (167.7)	550.2 (161.2)	528.2 (154.8)	506.1 (148.3)	484.1 (141.9)		
	40 (4.4)	541.8 (158.8)	521.4 (152.8)	501.3 (146.9)	480.9 (140.9)	460.5 (135)	440.2 (129)		
	35 (1.7)	492.0 (144.2)	473.6 (138.8)	454.9 (133.3)	436.2 (127.8)	417.5 (122.4)	398.8 (116.9)		
TVD060H8-B Compressor Model 4GE-30	55 (12.8)	823.6 (241.4)	794.9 (232.9)	766.1 (224.5)	737.1 (216)	707.9 (207.5)	678.7 (198.9)		
	50 (10)	757.7 (222.1)	731.0 (214.2)	704.1 (206.4)	677.0 (198.4)	650.2 (190.5)	622.9 (182.5)		
	45 (7.2)	694.5 (203.5)	669.7 (196.3)	644.9 (189)	619.9 (181.7)	594.9 (174.4)	569.7 (167)		
	40 (4.4)	634.2 (185.9)	611.3 (179.2)	588.4 (172.4)	565.5 (165.7)	542.4 (159)	519.3 (152.2)		
	35 (1.7)	577.1 (169.1)	556.1 (163)	535.1 (156.8)	514.1 (150.7)	492.9 (144.4)	471.7 (138.2)		
TVD070H8-B Compressor Model 6HE-35	55 (12.8)	1031.5 (302.3)	994.4 (291.4)	957.0 (280.5)	919.2 (269.4)	881.2 (258.2)	843.2 (247.1)		
	50 (10)	947.1 (277.6)	912.5 (267.4)	877.6 (257.2)	842.5 (246.9)	807.2 (236.6)	771.8 (226.2)		
	45 (7.2)	866.5 (253.9)	834.5 (244.6)	802.2 (235.1)	769.7 (225.6)	737.1 (216)	704.3 (206.4)		
	40 (4.4)	790.0 (231.5)	760.4 (222.9)	730.8 (214.2)	701.0 (205.4)	670.7 (196.6)	640.5 (187.7)		
	35 (1.7)	717.8 (210.4)	690.7 (202.4)	663.4 (194.4)	636.1 (186.4)	608.6 (178.4)	580.9 (170.2)		
TVD080H8-B Compressor Model 6GE-40	55 (12.8)	1208.8 (354.3)	1166.3 (341.8)	1123.5 (329.3)	1080.7 (316.7)	1037.4 (304)	993.7 (291.2)		
	50 (10)	1110.5 (325.4)	1071.2 (313.9)	1031.5 (302.3)	991.4 (290.6)	951.3 (278.8)	911.0 (267)		
	45 (7.2)	1016.8 (298)	980.5 (287.4)	943.7 (276.6)	907.0 (265.8)	869.8 (254.9)	832.4 (244)		
	40 (4.4)	928.0 (272)	894.6 (262.2)	860.8 (252.3)	827.0 (242.4)	793.0 (232.4)	758.5 (222.3)		
	35 (1.7)	844.0 (247.3)	813.5 (238.4)	782.7 (229.4)	751.8 (220.3)	720.5 (211.2)	689.2 (202)		

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

TVD-B

BITZER

CAPACITY DATA - R407C

MEDIUM 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)
TVD030M8-B Compressor Model 4PES-15	30 (-1.1)	294.8 (86.4)	283.1 (83)	271.1 (79.5)	259.4 (76)	247.4 (72.5)	235.4 (69)
	25 (-3.9)	265.0 (77.7)	254.3 (74.5)	243.6 (71.4)	232.7 (68.2)	221.8 (65)	210.8 (61.8)
	20 (-6.7)	237.3 (69.5)	227.6 (66.7)	217.8 (63.8)	207.9 (60.9)	197.8 (58)	188.0 (55.1)
	15 (-9.4)	211.5 (62)	202.7 (59.4)	193.8 (56.8)	184.8 (54.2)	175.8 (51.5)	166.7 (48.9)
	10 (-12.2)	187.5 (55)	179.6 (52.6)	171.6 (50.3)	163.4 (47.9)	155.4 (45.5)	147.2 (43.1)
TVD040M8-B Compressor Model 4NES-20	30 (-1.1)	350.5 (102.7)	336.8 (98.7)	323.2 (94.7)	309.3 (90.7)	295.7 (86.7)	281.8 (82.6)
	25 (-3.9)	315.2 (92.4)	302.8 (88.7)	290.4 (85.1)	277.8 (81.4)	265.2 (77.7)	252.6 (74)
	20 (-6.7)	282.5 (82.8)	271.1 (79.5)	260.0 (76.2)	248.6 (72.9)	237.1 (69.5)	225.8 (66.2)
	15 (-9.4)	252.0 (73.9)	241.9 (70.9)	231.6 (67.9)	221.3 (64.9)	211.1 (61.9)	200.8 (58.8)
	10 (-12.2)	223.9 (65.6)	214.6 (62.9)	205.4 (60.2)	196.1 (57.5)	186.9 (54.8)	177.7 (52.1)
TVD050M8-B Compressor Model 4HE-25	30 (-1.1)	445.2 (130.5)	428.2 (125.5)	411.2 (120.5)	394.0 (115.5)	377.0 (110.5)	359.7 (105.4)
	25 (-3.9)	401.3 (117.6)	385.6 (113)	370.0 (108.4)	354.5 (103.9)	338.9 (99.3)	323.2 (94.7)
	20 (-6.7)	359.9 (105.5)	345.9 (101.4)	331.6 (97.2)	317.3 (93)	303.2 (88.9)	289.0 (84.7)
	15 (-9.4)	321.3 (94.2)	308.5 (90.4)	295.7 (86.7)	282.7 (82.8)	269.9 (79.1)	257.0 (75.3)
	10 (-12.2)	285.4 (83.6)	273.8 (80.3)	262.1 (76.8)	250.3 (73.4)	238.8 (70)	227.2 (66.6)
TVD060M8-B Compressor Model 4GE-30	30 (-1.1)	523.1 (153.3)	504.0 (147.7)	484.7 (142)	465.6 (136.4)	446.3 (130.8)	426.9 (125.1)
	25 (-3.9)	472.3 (138.4)	454.9 (133.3)	437.4 (128.2)	420.0 (123.1)	402.4 (117.9)	384.7 (112.7)
	20 (-6.7)	424.6 (124.4)	408.9 (119.8)	393.1 (115.2)	377.2 (110.5)	361.2 (105.9)	345.2 (101.2)
	15 (-9.4)	380.1 (111.4)	365.8 (107.2)	351.5 (103)	337.1 (98.8)	322.8 (94.6)	308.3 (90.3)
	10 (-12.2)	338.7 (99.3)	325.7 (95.5)	312.7 (91.6)	299.7 (87.8)	286.7 (84)	273.6 (80.2)
TVD070M8-B Compressor Model 6HE-35	30 (-1.1)	649.7 (190.4)	625.2 (183.2)	600.2 (175.9)	575.2 (168.6)	550.0 (161.2)	524.8 (153.8)
	25 (-3.9)	585.9 (171.7)	563.6 (165.2)	541.0 (158.5)	518.3 (151.9)	495.4 (145.2)	472.5 (138.5)
	20 (-6.7)	526.5 (154.3)	506.1 (148.3)	485.7 (142.4)	465.2 (136.3)	444.6 (130.3)	423.8 (124.2)
	15 (-9.4)	470.8 (138)	452.8 (132.7)	434.3 (127.3)	415.8 (121.9)	397.1 (116.4)	378.4 (110.9)
	10 (-12.2)	419.4 (122.9)	403.0 (118.1)	386.4 (113.2)	369.6 (108.3)	353.0 (103.5)	336.2 (98.5)
TVD080M8-B Compressor Model 6GE-40	30 (-1.1)	765.2 (224.3)	737.3 (216.1)	709.4 (207.9)	681.0 (199.6)	652.7 (191.3)	624.1 (182.9)
	25 (-3.9)	691.3 (202.6)	666.1 (195.2)	640.7 (187.8)	615.1 (180.3)	589.3 (172.7)	563.4 (165.1)
	20 (-6.7)	622.2 (182.4)	599.3 (175.6)	576.5 (168.9)	553.4 (162.2)	530.3 (155.4)	506.9 (148.6)
	15 (-9.4)	557.8 (163.5)	537.4 (157.5)	516.8 (151.5)	496.0 (145.4)	475.2 (139.3)	454.2 (133.1)
	10 (-12.2)	497.9 (145.9)	479.6 (140.6)	461.2 (135.2)	442.7 (129.7)	424.0 (124.3)	405.3 (118.8)
TVD100M8-B Compressor Model 6FE-50	30 (-1.1)	874.9 (256.4)	841.5 (246.6)	808.1 (236.8)	774.3 (226.9)	740.5 (217)	706.4 (207)
	25 (-3.9)	791.1 (231.8)	760.8 (223)	730.4 (214.1)	699.5 (205)	668.9 (196)	637.8 (186.9)
	20 (-6.7)	712.5 (208.8)	685.0 (200.8)	657.5 (192.7)	629.6 (184.5)	601.7 (176.3)	573.7 (168.1)
	15 (-9.4)	638.8 (187.2)	614.0 (180)	589.3 (172.7)	564.3 (165.4)	539.1 (158)	513.9 (150.6)
	10 (-12.2)	570.2 (167.1)	547.9 (160.6)	525.6 (154)	503.2 (147.5)	480.5 (140.8)	458.0 (134.2)

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

TVD-B

BITZER

CAPACITY DATA - R404A R507

HIGH TEMPERATURE

60Hz

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-B Compressor Model 4PES-15	45 (7.2)	420.6 (123.3)	402.4 (117.9)	384.2 (112.6)	366.4 (107.4)	348.6 (102.2)	330.8 (96.9)	
	40 (4.4)	386.2 (113.2)	369.2 (108.2)	352.4 (103.3)	335.6 (98.4)	319.0 (93.5)	302.4 (88.6)	
	35 (1.7)	353.6 (103.6)	337.8 (99)	322.0 (94.4)	306.4 (89.8)	291.0 (85.3)	275.6 (80.8)	
TVD040H8-B Compressor Model 4NES-20	45 (7.2)	503.4 (147.5)	482.2 (141.3)	461.2 (135.2)	440.2 (129)	419.4 (122.9)	398.8 (116.9)	
	40 (4.4)	462.6 (135.6)	442.8 (129.8)	423.2 (124)	403.6 (118.3)	384.2 (112.6)	365.0 (107)	
	35 (1.7)	423.6 (124.1)	405.4 (118.8)	387.0 (113.4)	369.0 (108.1)	350.8 (102.8)	333.0 (97.6)	
TVD050H8-B Compressor Model 4HE-25	45 (7.2)	613.4 (179.8)	587.4 (172.1)	561.8 (164.6)	536.0 (157.1)	510.4 (149.6)	484.8 (142.1)	
	40 (4.4)	567.2 (166.2)	543.2 (159.2)	519.0 (152.1)	495.0 (145.1)	471.0 (138)	447.0 (131)	
	35 (1.7)	523.2 (153.3)	500.8 (146.8)	478.2 (140.1)	455.8 (133.6)	433.4 (127)	411.2 (120.5)	
TVD060H8-B Compressor Model 4GE-30	45 (7.2)	702.6 (205.9)	672.6 (197.1)	642.6 (188.3)	612.6 (179.5)	582.8 (170.8)	552.8 (162)	
	40 (4.4)	650.2 (190.6)	622.2 (182.3)	594.2 (174.1)	566.2 (165.9)	538.2 (157.7)	510.2 (149.5)	
	35 (1.7)	600.0 (175.8)	574.0 (168.2)	547.8 (160.5)	521.8 (152.9)	495.8 (145.3)	469.8 (137.7)	
TVD070H8-B Compressor Model 6HE-35	45 (7.2)	905.2 (265.3)	867.6 (254.3)	830.0 (243.2)	792.6 (232.3)	755.2 (221.3)	717.8 (210.4)	
	40 (4.4)	836.8 (245.2)	801.6 (234.9)	766.4 (224.6)	731.4 (214.4)	696.4 (204.1)	661.4 (193.8)	
	35 (1.7)	771.4 (226.1)	738.6 (216.5)	705.8 (206.8)	673.2 (197.3)	640.6 (187.7)	608.0 (178.2)	
TVD080H8-B Compressor Model 6GE-40	45 (7.2)	1028.8 (301.5)	984.8 (288.6)	940.8 (275.7)	896.8 (262.8)	853.0 (250)	809.2 (237.2)	
	40 (4.4)	952.2 (279.1)	911.2 (267)	870.0 (255)	829.2 (243)	788.2 (231)	747.4 (219)	
	35 (1.7)	878.8 (257.5)	840.6 (246.4)	802.4 (235.2)	764.4 (224)	726.4 (212.9)	688.4 (201.7)	

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)		
TVD030M8-B	30 (-1.1)	322.6 (94.5)	308.0 (90.3)	293.4 (86)	278.8 (81.7)	264.6 (77.5)	250.2 (73.3)		
	25 (-3.9)	293.2 (85.9)	279.8 (82)	266.2 (78)	253.0 (74.1)	239.6 (70.2)	226.6 (66.4)		
	20 (-6.7)	265.6 (77.8)	253.2 (74.2)	240.8 (70.6)	228.6 (67)	216.4 (63.4)	204.2 (59.8)		
	15 (-9.4)	239.6 (70.2)	228.2 (66.9)	216.8 (63.5)	205.6 (60.3)	194.6 (57)	183.4 (53.7)		
	10 (-12.2)	215.2 (63.1)	204.8 (60)	194.4 (57)	184.2 (54)	174.2 (51.1)	164.0 (48.1)		
	5 (-15)	192.4 (56.4)	183.0 (53.6)	173.6 (50.9)	164.4 (48.2)	155.2 (45.5)	146.0 (42.8)		
	0 (-17.8)	171.0 (50.1)	162.6 (47.7)	154.2 (45.2)	145.8 (42.7)	137.4 (40.3)	129.2 (37.9)		
TVD040M8-B	30 (-1.1)	386.8 (113.4)	369.8 (108.4)	353.0 (103.5)	336.2 (98.5)	319.6 (93.7)	303.0 (88.8)		
	25 (-3.9)	352.0 (103.2)	336.4 (98.6)	320.8 (94)	305.4 (89.5)	290.0 (85)	274.8 (80.5)		
	20 (-6.7)	319.2 (93.5)	304.8 (89.3)	290.6 (85.2)	276.4 (81)	262.4 (76.9)	248.4 (72.8)		
	15 (-9.4)	288.4 (84.5)	275.2 (80.7)	262.2 (76.8)	249.4 (73.1)	236.4 (69.3)	223.6 (65.5)		
	10 (-12.2)	259.4 (76)	247.6 (72.6)	235.8 (69.1)	224.0 (65.6)	212.2 (62.2)	200.6 (58.8)		
	5 (-15)	232.4 (68.1)	221.8 (65)	211.0 (61.8)	200.4 (58.7)	189.8 (55.6)	179.2 (52.5)		
	0 (-17.8)	207.4 (60.8)	197.6 (57.9)	188.0 (55.1)	178.4 (52.3)	169.0 (49.5)	159.4 (46.7)		
TVD050M8-B	30 (-1.1)	481.0 (141)	460.2 (134.9)	439.4 (128.8)	418.6 (122.7)	397.8 (116.6)	377.0 (110.5)		
	25 (-3.9)	440.8 (129.2)	421.6 (123.6)	402.4 (117.9)	383.2 (112.3)	363.8 (106.6)	344.6 (101)		
	20 (-6.7)	402.6 (118)	385.0 (112.8)	367.2 (107.6)	349.6 (102.5)	331.8 (97.2)	314.2 (92.1)		
	15 (-9.4)	366.4 (107.4)	350.2 (102.6)	334.0 (97.9)	317.8 (93.1)	301.4 (88.3)	285.2 (83.6)		
	10 (-12.2)	332.0 (97.3)	317.2 (93)	302.4 (88.6)	287.6 (84.3)	272.8 (79.9)	258.0 (75.6)		
	5 (-15)	299.6 (87.8)	286.2 (83.9)	272.8 (79.9)	259.4 (76)	246.0 (72.1)	232.4 (68.1)		
	0 (-17.8)	269.2 (78.9)	257.2 (75.4)	245.0 (71.8)	232.8 (68.2)	220.6 (64.7)	208.4 (61.1)		
TVD060M8-B	30 (-1.1)	552.0 (161.8)	527.8 (154.7)	503.6 (147.6)	479.6 (140.6)	455.4 (133.5)	431.2 (126.4)		
	25 (-3.9)	506.2 (148.4)	484.0 (141.8)	461.6 (135.3)	439.4 (128.8)	417.0 (122.2)	394.8 (115.7)		
	20 (-6.7)	462.6 (135.6)	442.2 (129.6)	421.6 (123.6)	401.2 (117.6)	380.6 (111.5)	360.2 (105.6)		
	15 (-9.4)	421.2 (123.4)	402.6 (118)	383.8 (112.5)	365.0 (107)	346.4 (101.5)	327.6 (96)		
	10 (-12.2)	382.0 (112)	365.0 (107)	348.0 (102)	331.0 (97)	313.8 (92)	296.8 (87)		
	5 (-15)	345.0 (101.1)	329.8 (96.7)	314.4 (92.1)	298.8 (87.6)	283.4 (83.1)	267.8 (78.5)		
	0 (-17.8)	310.2 (90.9)	296.4 (86.9)	282.6 (82.8)	268.6 (78.7)	254.6 (74.6)	240.6 (70.5)		
TVD070M8-B	30 (-1.1)	709.0 (207.8)	678.6 (198.9)	648.2 (190)	617.8 (181.1)	587.4 (172.1)	557.2 (163.3)		
	25 (-3.9)	649.4 (190.3)	621.4 (182.1)	593.2 (173.8)	565.2 (165.6)	537.2 (157.4)	509.2 (149.2)		
	20 (-6.7)	593.0 (173.8)	567.2 (166.2)	541.2 (158.6)	515.4 (151)	489.6 (143.5)	463.8 (135.9)		
	15 (-9.4)	539.4 (158.1)	515.8 (151.2)	492.0 (144.2)	468.4 (137.3)	444.6 (130.3)	421.0 (123.4)		
	10 (-12.2)	488.8 (143.3)	467.2 (136.9)	445.6 (130.6)	424.0 (124.3)	402.4 (117.9)	380.6 (111.5)		
	5 (-15)	441.2 (129.3)	421.6 (123.6)	401.8 (117.8)	382.2 (112)	362.6 (106.3)	342.8 (100.5)		
	0 (-17.8)	396.4 (116.2)	378.6 (111)	360.8 (105.7)	343.0 (100.5)	325.2 (95.3)	307.4 (90.1)		
TVD080M8-B	30 (-1.1)	808.6 (237)	773.2 (226.6)	738.0 (216.3)	702.6 (205.9)	667.4 (195.6)	632.2 (185.3)		
	25 (-3.9)	741.6 (217.3)	709.0 (207.8)	676.4 (198.2)	644.0 (188.7)	611.6 (179.2)	579.0 (169.7)		
	20 (-6.7)	677.8 (198.6)	648.0 (189.9)	618.0 (181.1)	588.2 (172.4)	558.4 (163.7)	528.6 (154.9)		
	15 (-9.4)	617.2 (180.9)	590.0 (172.9)	562.8 (164.9)	535.6 (157)	508.2 (148.9)	481.0 (141)		
	10 (-12.2)	559.8 (164.1)	535.2 (156.9)	510.4 (149.6)	485.6 (142.3)	460.8 (135)	436.0 (127.8)		
	5 (-15)	505.8 (148.2)	483.4 (141.7)	461.0 (135.1)	438.6 (128.5)	416.2 (122)	393.6 (115.4)		
	0 (-17.8)	455.0 (133.3)	434.8 (127.4)	414.6 (121.5)	394.4 (115.6)	374.2 (109.7)	354.0 (103.7)		
TVD100M8-B	30 (-1.1)	941.8 (276)	900.0 (263.8)	858.0 (251.5)	816.0 (239.1)	774.2 (226.9)	- -		
	25 (-3.9)	867.2 (254.2)	828.6 (242.8)	790.0 (231.5)	751.2 (220.2)	712.6 (208.8)	- -		
	20 (-6.7)	795.8 (233.2)	760.2 (222.8)	724.8 (212.4)	689.2 (202)	653.8 (191.6)	618.2 (181.2)		
	15 (-9.4)	727.4 (213.2)	695.0 (203.7)	662.6 (194.2)	630.2 (184.7)	597.8 (175.2)	565.2 (165.6)		
	10 (-12.2)	662.4 (194.1)	633.0 (185.5)	603.4 (176.8)	574.0 (168.2)	544.4 (159.5)	514.8 (150.9)		
	5 (-15)	600.4 (176)	574.0 (168.2)	547.2 (160.4)	520.6 (152.6)	493.8 (144.7)	466.8 (136.8)		
	0 (-17.8)	542.0 (158.8)	518.0 (151.8)	494.0 (144.8)	470.0 (137.7)	445.6 (130.6)	421.4 (123.5)		

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)		
TVD024L6-B Compressor Model 4NES-14	0 (-17.8)	187.0 (54.8)	178.0 (52.2)	168.8 (49.5)	159.8 (46.8)	150.6 (44.1)	141.6 (41.5)		
	-5 (-20.6)	167.4 (49.1)	159.2 (46.7)	151.0 (44.3)	142.6 (41.8)	134.4 (39.4)	126.2 (37)		
	-10 (-23.3)	149.0 (43.7)	141.6 (41.5)	134.0 (39.3)	126.6 (37.1)	119.2 (34.9)	111.8 (32.8)		
	-15 (-26.1)	131.8 (38.6)	125.0 (36.6)	118.4 (34.7)	111.6 (32.7)	105.0 (30.8)	98.4 (28.8)		
	-20 (-28.9)	115.8 (33.9)	109.8 (32.2)	103.8 (30.4)	97.8 (28.7)	91.8 (26.9)	85.8 (25.1)		
	-25 (-31.7)	100.8 (29.5)	95.6 (28)	90.2 (26.4)	84.8 (24.9)	79.4 (23.3)	74.0 (21.7)		
	-30 (-34.4)	87.2 (25.6)	82.4 (24.1)	77.6 (22.7)	72.8 (21.3)	68.0 (19.9)	63.2 (18.5)		
	-35 (-37.2)	74.6 (21.9)	70.2 (20.6)	66.0 (19.3)	61.6 (18.1)	57.4 (16.8)	53.0 (15.5)		
TVD030L6-B Compressor Model 4HE-18	-40 (-40)	63.0 (18.5)	59.0 (17.3)	55.2 (16.2)	51.4 (15.1)	47.4 (13.9)	43.6 (12.8)		
	0 (-17.8)	249.8 (73.2)	238.4 (69.9)	227.0 (66.5)	215.6 (63.2)	204.2 (59.8)	192.8 (56.5)		
	-5 (-20.6)	225.4 (66.1)	215.0 (63)	204.6 (60)	194.2 (56.9)	184.0 (53.9)	173.6 (50.9)		
	-10 (-23.3)	202.4 (59.3)	193.0 (56.6)	183.6 (53.8)	174.2 (51.1)	164.8 (48.3)	155.4 (45.5)		
	-15 (-26.1)	180.4 (52.9)	172.0 (50.4)	163.6 (47.9)	155.2 (45.5)	146.6 (43)	138.4 (40.6)		
	-20 (-28.9)	160.0 (46.9)	152.4 (44.7)	144.8 (42.4)	137.2 (40.2)	129.6 (38)	122.2 (35.8)		
	-25 (-31.7)	140.6 (41.2)	133.8 (39.2)	127.0 (37.2)	120.2 (35.2)	113.6 (33.3)	106.8 (31.3)		
	-30 (-34.4)	122.4 (35.9)	116.4 (34.1)	110.4 (32.4)	104.4 (30.6)	98.4 (28.8)	92.4 (27.1)		
TVD040L6-B Compressor Model 4GE-23	-35 (-37.2)	105.6 (30.9)	100.2 (29.4)	94.8 (27.8)	89.4 (26.2)	84.0 (24.6)	78.8 (23.1)		
	-40 (-40)	89.8 (26.3)	85.0 (24.9)	80.2 (23.5)	75.4 (22.1)	70.6 (20.7)	65.8 (19.3)		
	0 (-17.8)	300.2 (88)	286.8 (84.1)	273.4 (80.1)	260.0 (76.2)	246.6 (72.3)	233.4 (68.4)		
	-5 (-20.6)	270.8 (79.4)	258.6 (75.8)	246.6 (72.3)	234.4 (68.7)	222.4 (65.2)	210.4 (61.7)		
	-10 (-23.3)	243.0 (71.2)	232.0 (68)	221.2 (64.8)	210.4 (61.7)	199.4 (58.4)	188.6 (55.3)		
	-15 (-26.1)	216.8 (63.5)	207.0 (60.7)	197.4 (57.9)	187.6 (55)	178.0 (52.2)	168.2 (49.3)		
	-20 (-28.9)	192.2 (56.3)	183.6 (53.8)	174.8 (51.2)	166.2 (48.7)	157.6 (46.2)	149.0 (43.7)		
	-25 (-31.7)	169.2 (49.6)	161.6 (47.4)	153.8 (45.1)	146.2 (42.8)	138.6 (40.6)	130.8 (38.3)		
TVD050L6-B Compressor Model 6HE-28	-30 (-34.4)	147.8 (43.3)	141.0 (41.3)	134.2 (39.3)	127.4 (37.3)	120.6 (35.3)	113.8 (33.4)		
	-35 (-37.2)	127.8 (37.5)	121.8 (35.7)	115.8 (33.9)	109.8 (32.2)	103.8 (30.4)	97.8 (28.7)		
	-40 (-40)	109.2 (32)	104.0 (30.5)	98.6 (28.9)	93.2 (27.3)	88.0 (25.8)	82.8 (24.3)		
	0 (-17.8)	378.6 (111)	361.6 (106)	344.4 (100.9)	327.4 (96)	310.4 (91)	293.6 (86)		
	-5 (-20.6)	340.8 (99.9)	325.4 (95.4)	309.8 (90.8)	294.4 (86.3)	279.0 (81.8)	263.6 (77.3)		
	-10 (-23.3)	305.2 (89.4)	291.2 (85.3)	277.2 (81.2)	263.4 (77.2)	249.4 (73.1)	235.4 (69)		
	-15 (-26.1)	271.8 (79.7)	259.2 (76)	246.6 (72.3)	234.0 (68.6)	221.4 (64.9)	209.0 (61.3)		
	-20 (-28.9)	240.6 (70.5)	229.2 (67.2)	217.8 (63.8)	206.6 (60.5)	195.2 (57.2)	184.0 (53.9)		
TVD060L6-B Compressor Model 6GE-34	-25 (-31.7)	211.2 (61.9)	201.2 (59)	191.0 (56)	180.8 (53)	170.8 (50.1)	160.6 (47.1)		
	-30 (-34.4)	184.0 (53.9)	175.0 (51.3)	165.8 (48.6)	156.8 (46)	147.8 (43.3)	138.6 (40.6)		
	-35 (-37.2)	158.6 (46.5)	150.6 (44.1)	142.4 (41.7)	134.2 (39.3)	126.2 (37)	118.0 (34.6)		
	-40 (-40)	135.2 (39.6)	127.8 (37.5)	120.6 (35.3)	113.2 (33.2)	106.0 (31.1)	98.6 (28.9)		
	0 (-17.8)	431.8 (126.5)	412.8 (121)	394.0 (115.5)	375.0 (109.9)	356.0 (104.3)	336.8 (98.7)		
	-5 (-20.6)	391.4 (114.7)	374.4 (109.7)	357.2 (104.7)	340.0 (99.6)	322.8 (94.6)	305.4 (89.5)		
	-10 (-23.3)	353.0 (103.5)	337.6 (98.9)	322.2 (94.4)	306.8 (89.9)	291.2 (85.3)	275.6 (80.8)		
	-15 (-26.1)	316.6 (92.8)	302.8 (88.7)	289.2 (84.8)	275.2 (80.7)	261.4 (76.6)	247.4 (72.5)		
TVD080L6-B Compressor Model 6FE-44	-20 (-28.9)	282.2 (82.7)	270.0 (79.1)	257.8 (75.6)	245.4 (71.9)	233.0 (68.3)	220.4 (64.6)		
	-25 (-31.7)	250.0 (73.3)	239.0 (70)	228.2 (66.9)	217.2 (63.7)	206.0 (60.4)	194.8 (57.1)		
	-30 (-34.4)	219.6 (64.4)	210.0 (61.5)	200.4 (58.7)	190.6 (55.9)	180.6 (52.9)	170.6 (50)		
	-35 (-37.2)	191.4 (56.1)	182.8 (53.6)	174.2 (51.1)	165.4 (48.5)	156.6 (45.9)	147.6 (43.3)		
	-40 (-40)	165.0 (48.4)	157.4 (46.1)	149.6 (43.8)	141.8 (41.6)	133.8 (39.2)	125.8 (36.9)		
	0 (-17.8)	512.8 (150.3)	490.0 (143.6)	467.2 (136.9)	444.2 (130.2)	421.4 (123.5)	398.4 (116.8)		
	-5 (-20.6)	464.8 (136.2)	444.0 (130.1)	423.4 (124.1)	402.6 (118)	381.8 (111.9)	361.0 (105.8)		
	-10 (-23.3)	418.8 (122.7)	400.2 (117.3)	381.6 (111.8)	362.8 (106.3)	344.0 (100.8)	325.2 (95.3)		

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 (29.4)	90 (32.2)	95 (35)	100 (37.8)	105 (40.6)	110 (43.3)			
TVD024D6-B Compressor Model 4NES-14	0 (-17.8)	182.8 (53.6)	173.8 (50.9)	164.8 (48.3)	155.8 (45.7)	147.0 (43.1)	147.0 (43.1)	138.0 (40.4)		
	-5 (-20.6)	164.0 (48.1)	155.8 (45.7)	147.6 (43.3)	139.4 (40.9)	131.4 (38.5)	131.4 (38.5)	123.2 (36.1)		
	-10 (-23.3)	146.2 (42.8)	138.8 (40.7)	131.4 (38.5)	124.0 (36.3)	116.8 (34.2)	116.8 (34.2)	109.4 (32.1)		
	-15 (-26.1)	129.4 (37.9)	122.8 (36)	116.2 (34.1)	109.6 (32.1)	103.0 (30.2)	103.0 (30.2)	96.4 (28.3)		
	-20 (-28.9)	113.8 (33.4)	108.0 (31.7)	102.0 (29.9)	96.0 (28.1)	90.2 (26.4)	90.2 (26.4)	84.2 (24.7)		
	-25 (-31.7)	99.4 (29.1)	94.0 (27.5)	88.8 (26)	83.4 (24.4)	78.2 (22.9)	78.2 (22.9)	72.8 (21.3)		
	-30 (-34.4)	86.0 (25.2)	81.2 (23.8)	76.4 (22.4)	71.8 (21)	67.0 (19.6)	67.0 (19.6)	62.2 (18.2)		
	-35 (-37.2)	73.6 (21.6)	69.4 (20.3)	65.0 (19)	60.8 (17.8)	56.6 (16.6)	56.6 (16.6)	52.4 (15.4)		
TVD030D6-B Compressor Model 4HE-18	-40 (-40)	62.2 (18.2)	58.4 (17.1)	54.6 (16)	50.6 (14.8)	46.8 (13.7)	46.8 (13.7)	43.2 (12.7)		
	0 (-17.8)	242.0 (70.9)	230.8 (67.6)	219.6 (64.4)	208.4 (61.1)	197.4 (57.9)	197.4 (57.9)	186.2 (54.6)		
	-5 (-20.6)	219.0 (64.2)	208.8 (61.2)	198.6 (58.2)	188.4 (55.2)	178.2 (52.2)	178.2 (52.2)	168.2 (49.3)		
	-10 (-23.3)	197.0 (57.7)	187.8 (55)	178.6 (52.3)	169.4 (49.6)	160.2 (46.9)	160.2 (46.9)	151.0 (44.3)		
	-15 (-26.1)	176.2 (51.6)	167.8 (49.2)	159.4 (46.7)	151.2 (44.3)	142.8 (41.9)	142.8 (41.9)	134.6 (39.4)		
	-20 (-28.9)	156.4 (45.8)	149.0 (43.7)	141.4 (41.4)	134.0 (39.3)	126.6 (37.1)	126.6 (37.1)	119.2 (34.9)		
	-25 (-31.7)	137.8 (40.4)	131.0 (38.4)	124.4 (36.5)	117.8 (34.5)	111.0 (32.5)	111.0 (32.5)	104.4 (30.6)		
	-30 (-34.4)	120.2 (35.2)	114.2 (33.5)	108.2 (31.7)	102.4 (30)	96.4 (28.3)	96.4 (28.3)	90.6 (26.6)		
TVD040D6-B Compressor Model 4GE-23	-35 (-37.2)	103.8 (30.4)	98.6 (28.9)	93.2 (27.3)	87.8 (25.7)	82.6 (24.2)	82.6 (24.2)	77.4 (22.7)		
	-40 (-40)	88.6 (26)	83.8 (24.6)	79.0 (23.2)	74.2 (21.7)	69.4 (20.3)	69.4 (20.3)	64.8 (19)		
	0 (-17.8)	294.4 (86.3)	281.2 (82.4)	268.0 (78.5)	254.8 (74.7)	241.6 (70.8)	241.6 (70.8)	228.4 (66.9)		
	-5 (-20.6)	266.0 (78)	254.0 (74.4)	242.2 (71)	230.2 (67.5)	218.2 (63.9)	218.2 (63.9)	206.2 (60.4)		
	-10 (-23.3)	239.0 (70)	228.4 (66.9)	217.6 (63.8)	206.8 (60.6)	196.0 (57.4)	196.0 (57.4)	185.4 (54.3)		
	-15 (-26.1)	213.6 (62.6)	204.0 (59.8)	194.4 (57)	184.8 (54.2)	175.2 (51.3)	175.2 (51.3)	165.6 (48.5)		
	-20 (-28.9)	189.6 (55.6)	181.2 (53.1)	172.6 (50.6)	164.0 (48.1)	155.4 (45.5)	155.4 (45.5)	146.8 (43)		
	-25 (-31.7)	167.2 (49)	159.6 (46.8)	152.0 (44.5)	144.4 (42.3)	136.8 (40.1)	136.8 (40.1)	129.2 (37.9)		
TVD050D6-B Compressor Model 6HE-28	-30 (-34.4)	146.2 (42.8)	139.4 (40.9)	132.6 (38.9)	126.0 (36.9)	119.2 (34.9)	119.2 (34.9)	112.6 (33)		
	-35 (-37.2)	126.6 (37.1)	120.6 (35.3)	114.6 (33.6)	108.6 (31.8)	102.8 (30.1)	102.8 (30.1)	96.8 (28.4)		
	-40 (-40)	108.4 (31.8)	103.0 (30.2)	97.8 (28.7)	92.4 (27.1)	87.2 (25.6)	87.2 (25.6)	82.0 (24)		
	0 (-17.8)	370.4 (108.6)	353.6 (103.6)	336.8 (98.7)	320.0 (93.8)	303.4 (88.9)	303.4 (88.9)	286.6 (84)		
	-5 (-20.6)	334.2 (97.9)	318.8 (93.4)	303.6 (89)	288.4 (84.5)	273.0 (80)	273.0 (80)	257.8 (75.6)		
	-10 (-23.3)	299.8 (87.9)	286.0 (83.8)	272.2 (79.8)	258.2 (75.7)	244.4 (71.6)	244.4 (71.6)	230.8 (67.6)		
	-15 (-26.1)	267.4 (78.4)	255.0 (74.7)	242.4 (71)	230.0 (67.4)	217.6 (63.8)	217.6 (63.8)	205.0 (60.1)		
	-20 (-28.9)	237.0 (69.5)	225.6 (66.1)	214.4 (62.8)	203.2 (59.6)	192.2 (56.3)	192.2 (56.3)	181.0 (53)		
TVD060D6-B Compressor Model 6GE-34	-25 (-31.7)	208.4 (61.1)	198.4 (58.1)	188.2 (55.2)	178.2 (52.2)	168.2 (49.3)	168.2 (49.3)	158.2 (46.4)		
	-30 (-34.4)	181.6 (53.2)	172.6 (50.6)	163.6 (47.9)	154.6 (45.3)	145.8 (42.7)	145.8 (42.7)	136.8 (40.1)		
	-35 (-37.2)	156.8 (46)	148.8 (43.6)	140.6 (41.2)	132.6 (38.9)	124.6 (36.5)	124.6 (36.5)	116.6 (34.2)		
	-40 (-40)	133.8 (39.2)	126.4 (37)	119.2 (34.9)	112.0 (32.8)	104.8 (30.7)	104.8 (30.7)	97.4 (28.5)		
	0 (-17.8)	421.4 (123.5)	402.6 (118)	384.0 (112.5)	365.2 (107)	346.4 (101.5)	346.4 (101.5)	327.4 (96)		
	-5 (-20.6)	382.8 (112.2)	365.8 (107.2)	349.0 (102.3)	332.0 (97.3)	314.8 (92.3)	314.8 (92.3)	297.8 (87.3)		
	-10 (-23.3)	345.8 (101.3)	330.6 (96.9)	315.4 (92.4)	300.2 (88)	284.8 (83.5)	284.8 (83.5)	269.2 (78.9)		
	-15 (-26.1)	310.8 (91.1)	297.2 (87.1)	283.6 (83.1)	269.8 (79.1)	256.0 (75)	256.0 (75)	242.2 (71)		
	-20 (-28.9)	277.6 (81.4)	265.4 (77.8)	253.2 (74.2)	241.0 (70.6)	228.6 (67)	228.6 (67)	216.2 (63.4)		
	-25 (-31.7)	246.2 (72.2)	235.4 (69)	224.6 (65.8)	213.6 (62.6)	202.6 (59.4)	202.6 (59.4)	191.4 (56.1)		
	-30 (-34.4)	216.8 (63.5)	207.2 (60.7)	197.4 (57.9)	187.8 (55)	178.0 (52.2)	178.0 (52.2)	168.0 (49.2)		
	-35 (-37.2)	189.0 (55.4)	180.4 (52.9)	171.8 (50.3)	163.2 (47.8)	154.4 (45.3)	154.4 (45.3)	145.6 (42.7)		
	-40 (-40)	163.2 (47.8)	155.6 (45.6)	147.8 (43.3)	140.0 (41)	132.2 (38.7)	132.2 (38.7)	124.0 (36.3)		

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW)		R404A	R507	AMBIENT TEMPERATURE °F (°C)	
	°F	°C	85 (29.4)	90 (32.2)	95 (35)	100 (37.8)	105 (40.6)	110 (43.3)
TVD016V6-B Compressor Model S4N-8.2Y	-25 (-31.7)	78.2 (22.9)	77.2 (22.6)	76.0 (22.3)	75.0 (22)	73.8 (21.6)	72.6 (21.3)	
	-30 (-34.4)	69.8 (20.5)	68.8 (20.2)	67.8 (19.9)	66.8 (19.6)	65.6 (19.2)	64.6 (18.9)	
	-35 (-37.2)	62.0 (18.2)	61.0 (17.9)	60.2 (17.6)	59.2 (17.3)	58.2 (17.1)	57.0 (16.7)	
	-40 (-40)	54.8 (16.1)	54.0 (15.8)	53.2 (15.6)	52.2 (15.3)	51.2 (15)	50.2 (14.7)	
	-45 (-42.8)	48.4 (14.2)	47.6 (14)	46.8 (13.7)	46.0 (13.5)	45.0 (13.2)	44.0 (12.9)	
	-50 (-45.6)	42.4 (12.4)	41.8 (12.3)	41.0 (12)	40.2 (11.8)	39.4 (11.5)	38.4 (11.3)	
	-55 (-48.3)	37.0 (10.8)	36.4 (10.7)	35.6 (10.4)	35.0 (10.3)	34.2 (10)	33.4 (9.8)	
	-60 (-51.1)	32.0 (9.4)	31.4 (9.2)	30.8 (9)	30.2 (8.9)	29.6 (8.7)	28.8 (8.4)	
TVD024V6-B Compressor Model S4G-12.2Y	-25 (-31.7)	121.4 (35.6)	119.6 (35.1)	117.8 (34.5)	115.8 (33.9)	113.8 (33.4)	111.8 (32.8)	
	-30 (-34.4)	109.8 (32.2)	108.0 (31.7)	106.2 (31.1)	104.4 (30.6)	102.4 (30)	100.2 (29.4)	
	-35 (-37.2)	98.6 (28.9)	97.0 (28.4)	95.2 (27.9)	93.4 (27.4)	91.6 (26.8)	89.6 (26.3)	
	-40 (-40)	88.2 (25.8)	86.6 (25.4)	85.0 (24.9)	83.2 (24.4)	81.4 (23.9)	79.6 (23.3)	
	-45 (-42.8)	78.2 (22.9)	76.8 (22.5)	75.2 (22)	73.6 (21.6)	72.0 (21.1)	70.2 (20.6)	
	-50 (-45.6)	69.0 (20.2)	67.8 (19.9)	66.2 (19.4)	64.8 (19)	63.2 (18.5)	61.8 (18.1)	
	-55 (-48.3)	60.4 (17.7)	59.2 (17.3)	58.0 (17)	56.6 (16.6)	55.2 (16.2)	54.0 (15.8)	
	-60 (-51.1)	52.4 (15.4)	51.4 (15.1)	50.2 (14.7)	49.0 (14.4)	48.0 (14.1)	46.8 (13.7)	
TVD032V6-B Compressor Model S6J-16.2Y	-25 (-31.7)	168.2 (49.3)	165.6 (48.5)	163.0 (47.8)	160.4 (47)	157.8 (46.2)	155.4 (45.5)	
	-30 (-34.4)	152.2 (44.6)	149.6 (43.8)	147.2 (43.1)	144.6 (42.4)	142.0 (41.6)	139.6 (40.9)	
	-35 (-37.2)	137.0 (40.2)	134.6 (39.4)	132.2 (38.7)	129.8 (38)	127.4 (37.3)	124.8 (36.6)	
	-40 (-40)	122.8 (36)	120.6 (35.3)	118.2 (34.6)	116.0 (34)	113.6 (33.3)	111.2 (32.6)	
	-45 (-42.8)	109.4 (32.1)	107.4 (31.5)	105.2 (30.8)	103.0 (30.2)	100.8 (29.5)	98.6 (28.9)	
	-50 (-45.6)	97.0 (28.4)	95.0 (27.8)	93.0 (27.3)	91.0 (26.7)	89.0 (26.1)	87.0 (25.5)	
	-55 (-48.3)	85.4 (25)	83.6 (24.5)	81.8 (24)	80.0 (23.4)	78.0 (22.9)	76.2 (22.3)	
	-60 (-51.1)	74.6 (21.9)	73.0 (21.4)	71.4 (20.9)	69.8 (20.5)	68.2 (20)	66.4 (19.5)	
TVD040V6-B Compressor Model S6H-20.2Y	-25 (-31.7)	197.6 (57.9)	194.8 (57.1)	191.8 (56.2)	188.8 (55.3)	185.6 (54.4)	182.4 (53.5)	
	-30 (-34.4)	179.0 (52.5)	176.2 (51.6)	173.2 (50.8)	170.2 (49.9)	167.2 (49)	164.0 (48.1)	
	-35 (-37.2)	161.2 (47.2)	158.6 (46.5)	155.6 (45.6)	152.8 (44.8)	149.8 (43.9)	146.8 (43)	
	-40 (-40)	144.4 (42.3)	141.8 (41.6)	139.2 (40.8)	136.4 (40)	133.6 (39.2)	130.8 (38.3)	
	-45 (-42.8)	128.6 (37.7)	126.2 (37)	123.8 (36.3)	121.2 (35.5)	118.6 (34.8)	115.8 (33.9)	
	-50 (-45.6)	113.8 (33.4)	111.6 (32.7)	109.4 (32.1)	107.0 (31.4)	104.6 (30.7)	102.2 (30)	
	-55 (-48.3)	100.0 (29.3)	98.0 (28.7)	96.0 (28.1)	93.8 (27.5)	91.6 (26.8)	89.4 (26.2)	
	-60 (-51.1)	87.4 (25.6)	85.6 (25.1)	83.6 (24.5)	81.8 (24)	79.8 (23.4)	78.0 (22.9)	
TVD050V6-B Compressor Model S6G-25.2Y	-25 (-31.7)	224.4 (65.8)	221.2 (64.8)	217.8 (63.8)	214.2 (62.8)	210.4 (61.7)	206.8 (60.6)	
	-30 (-34.4)	203.2 (59.6)	200.0 (58.6)	196.8 (57.7)	193.2 (56.6)	189.6 (55.6)	186.0 (54.5)	
	-35 (-37.2)	183.2 (53.7)	180.2 (52.8)	177.0 (51.9)	173.6 (50.9)	170.2 (49.9)	166.6 (48.8)	
	-40 (-40)	164.2 (48.1)	161.4 (47.3)	158.2 (46.4)	155.0 (45.4)	151.8 (44.5)	148.6 (43.6)	
	-45 (-42.8)	146.4 (42.9)	143.8 (42.1)	140.8 (41.3)	137.8 (40.4)	134.8 (39.5)	131.8 (38.6)	
	-50 (-45.6)	129.8 (38)	127.2 (37.3)	124.6 (36.5)	121.8 (35.7)	119.0 (34.9)	116.2 (34.1)	
	-55 (-48.3)	114.2 (33.5)	111.8 (32.8)	109.4 (32.1)	106.8 (31.3)	104.4 (30.6)	101.8 (29.8)	
	-60 (-51.1)	99.6 (29.2)	97.6 (28.6)	95.4 (28)	93.2 (27.3)	91.0 (26.7)	88.8 (26)	
TVD060V6-B Compressor Model S6F-30.2Y	-25 (-31.7)	266.6 (78.1)	262.2 (76.8)	257.8 (75.6)	253.2 (74.2)	248.6 (72.9)	244.0 (71.5)	
	-30 (-34.4)	241.4 (70.7)	237.4 (69.6)	233.0 (68.3)	228.6 (67)	224.2 (65.7)	219.6 (64.4)	
	-35 (-37.2)	217.6 (63.8)	213.8 (62.7)	209.6 (61.4)	205.4 (60.2)	201.2 (59)	197.0 (57.7)	
	-40 (-40)	195.2 (57.2)	191.4 (56.1)	187.6 (55)	183.6 (53.8)	179.6 (52.6)	175.6 (51.5)	
	-45 (-42.8)	174.0 (51)	170.6 (50)	167.0 (48.9)	163.4 (47.9)	159.6 (46.8)	156.0 (45.7)	
	-50 (-45.6)	154.2 (45.2)	151.0 (44.3)	147.8 (43.3)	144.4 (42.3)	141.0 (41.3)	137.8 (40.4)	
	-55 (-48.3)	135.8 (39.8)	133.0 (39)	130.0 (38.1)	127.0 (37.2)	124.0 (36.3)	121.0 (35.5)	
	-60 (-51.1)	118.6 (34.8)	116.2 (34.1)	113.6 (33.3)	110.8 (32.5)	108.2 (31.7)	105.6 (30.9)	

**ELECTRICAL DATA -
SINGLE COMPRESSOR MODELS**

60Hz

CONDENSING UNIT MODEL	COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		CONDENSER FAN MTR.			UNIT	
			RLA	LRA	QTY	WATTS	FLA	MCA	MOP
TVS015H8-	HT3B -B	4PES-15-2NU-Y	208-230/3/60	60.0	294	2	3700	13.2	88.2
	HT4B -B	4PES-15-2NU-Y	460/3/60	27.1	147	2	3700	6.2	40.1
	HT5B -B	4PES-15-5PU-Y	575/3/60	21.8	117	2	3700	5.0	32.3
TVS020H8-	HT3B -B	4NES-20-2NU-Y	208-230/3/60	71.1	352	2	3700	13.2	102.1
	HT4B -B	4NES-20-2NU-Y	460/3/60	32.1	176	2	3700	6.2	46.3
	HT5B -B	4NES-20-5PU-Y	575/3/60	26.3	140	2	3700	5.0	37.9
TVS025H8-	HT3B -B	4HE-25-2NU-Y	208-230/3/60	93.2	436	2	3700	13.2	129.7
	HT4B -B	4HE-25-2NU-Y	460/3/60	42.1	218	2	3700	6.2	58.8
	HT5B -B	4HE-25-5PU-Y	575/3/60	33.6	174	2	3700	5.0	47.0
TVS030H8-	HT3B -B	4GE-30-2NU-Y	208-230/3/60	110.6	490	2	3700	13.2	151.5
	HT4B -B	4GE-30-2NU-Y	460/3/60	50.0	245	2	3700	6.2	68.7
	HT5B -B	4GE-30-5PU-Y	575/3/60	40.0	196	2	3700	5.0	55.0
TVS035H8-	HT3B -B	6HE-35-2NU-Y	208-230/3/60	129.5	550	3	5550	19.8	181.7
	HT4B -B	6HE-35-2NU-Y	460/3/60	58.6	275	3	5550	9.3	82.6
	HT5B -B	6HE-35-5PU-Y	575/3/60	46.4	220	3	5550	7.5	65.5
TVS040H8-	HT3B -B	6GE-40-2NU-Y	208-230/3/60	173.8	700	3	5550	19.8	237.1
	HT4B -B	6GE-40-2NU-Y	460/3/60	78.6	350	3	5550	9.3	107.6
	HT5B -B	6GE-40-5PU-Y	575/3/60	62.9	280	3	5550	7.5	86.1
TVS015M8-	HT3B -B	4PES-15-2NU-Y	208-230/3/60	60.0	294	2	3700	13.2	88.2
	HT4B -B	4PES-15-2NU-Y	460/3/60	27.1	147	2	3700	6.2	40.1
	HT5B -B	4PES-15-5PU-Y	575/3/60	21.8	117	2	3700	5.0	32.3
TVS020M8-	HT3B -B	4NES-20-2NU-Y	208-230/3/60	71.1	352	2	3700	13.2	102.1
	HT4B -B	4NES-20-2NU-Y	460/3/60	32.1	176	2	3700	6.2	46.3
	HT5B -B	4NES-20-5PU-Y	575/3/60	26.3	140	2	3700	5.0	37.9
TVS025M8-	HT3B -B	4HE-25-2NU-Y	208-230/3/60	93.2	436	2	3700	13.2	129.7
	HT4B -B	4HE-25-2NU-Y	460/3/60	42.1	218	2	3700	6.2	58.8
	HT5B -B	4HE-25-5PU-Y	575/3/60	33.6	174	2	3700	5.0	47.0
TVS030M8-	HT3B -B	4GE-30-2NU-Y	208-230/3/60	110.6	490	2	3700	13.2	151.5
	HT4B -B	4GE-30-2NU-Y	460/3/60	50.0	245	2	3700	6.2	68.7
	HT5B -B	4GE-30-5PU-Y	575/3/60	40.0	196	2	3700	5.0	55.0
TVS035M8-	HT3B -B	6HE-35-2NU-Y	208-230/3/60	129.5	550	3	5550	19.8	181.7
	HT4B -B	6HE-35-2NU-Y	460/3/60	58.6	275	3	5550	9.3	82.6
	HT5B -B	6HE-35-5PU-Y	575/3/60	46.4	220	3	5550	7.5	65.5
TVS040M8-	HT3B -B	6GE-40-2NU-Y	208-230/3/60	173.8	700	3	5550	19.8	237.1
	HT4B -B	6GE-40-2NU-Y	460/3/60	78.6	350	3	5550	9.3	107.6
	HT5B -B	6GE-40-5PU-Y	575/3/60	62.9	280	3	5550	7.5	86.1
TVS050M8-	HT3B -B	6FE-50-2NU-Y	208-230/3/60	176.9	950	3	5550	19.8	240.9
	HT4B -B	6FE-50-2NU-Y	460/3/60	80.0	425	3	5550	9.3	109.3
	HT5B -B	6FE-50-5PU-Y	575/3/60	63.6	340	3	5550	7.5	87.0
TVS012L 6/8 -	HT3B -B	4NES-14-2NU-Y	208-230/3/60	49.0	252	1	1850	6.6	67.9
	HT4B -B	4NES-14-2NU-Y	460/3/60	22.1	126	1	1850	3.1	30.7
	HT5B -B	4NES-14-5PU-Y	575/3/60	17.7	101	1	1850	2.5	24.6
TVS015L 6/8 -	HT3B -B	4HE-18-2NU-Y	208-230/3/60	66.7	352	1	1850	6.6	90.0
	HT4B -B	4HE-18-2NU-Y	460/3/60	30.1	176	1	1850	3.1	40.7
	HT5B -B	4HE-18-5PU-Y	575/3/60	24.1	140	1	1850	2.5	32.6
TVS020L 6/8 -	HT3B -B	4GE-23-2NU-Y	208-230/3/60	71.1	352	2	3700	13.2	102.1
	HT4B -B	4GE-23-2NU-Y	460/3/60	32.1	176	2	3700	6.2	46.3
	HT5B -B	4GE-23-5PU-Y	575/3/60	25.7	140	2	3700	5.0	37.1
TVS025L 6/8 -	HT3B -B	6HE-28-2NU-Y	208-230/3/60	95.6	490	2	3700	13.2	132.7
	HT4B -B	6HE-28-2NU-Y	460/3/60	43.2	245	2	3700	6.2	60.2
	HT5B -B	6HE-28-5PU-Y	575/3/60	34.6	196	2	3700	5.0	48.3
TVS030L 6/8 -	HT3B -B	6GE-34-2NU-Y	208-230/3/60	104.3	490	2	3700	13.2	143.6
	HT4B -B	6GE-34-2NU-Y	460/3/60	47.1	245	2	3700	6.2	65.1
	HT5B -B	6GE-34-5PU-Y	575/3/60	37.1	196	2	3700	5.0	51.4
TVS012D 6/8 -	HT3B -B	4NES-14-2NU-Y	208-230/3/60	49.0	252	1	900	4.9	66.2
	HT4B -B	4NES-14-2NU-Y	460/3/60	22.1	126	1	900	2.2	29.8
	HT5B -B	4NES-14-5PU-Y	575/3/60	17.7	101	1	900	2.1	24.2
TVS015D 6/8 -	HT3B -B	4HE-18-2NU-Y	208-230/3/60	66.7	352	1	900	4.9	88.3
	HT4B -B	4HE-18-2NU-Y	460/3/60	30.1	176	1	900	2.2	39.8
	HT5B -B	4HE-18-5PU-Y	575/3/60	24.1	140	1	900	2.1	32.2
TVS020D 6/8 -	HT3B -B	4GE-23-2NU-Y	208-230/3/60	71.1	352	2	1800	9.8	98.7
	HT4B -B	4GE-23-2NU-Y	460/3/60	32.1	176	2	1800	4.4	44.5
	HT5B -B	4GE-23-5PU-Y	575/3/60	25.7	140	2	1800	4.2	36.3
TVS025D 6/8 -	HT3B -B	6HE-28-2NU-Y	208-230/3/60	95.6	490	2	1800	9.8	129.3
	HT4B -B	6HE-28-2NU-Y	460/3/60	43.2	245	2	1800	4.4	58.4
	HT5B -B	6HE-28-5PU-Y	575/3/60	34.6	196	2	1800	4.2	47.5
TVS030D 6/8 -	HT3B -B	6GE-34-2NU-Y	208-230/3/60	104.3	490	2	1800	9.8	140.2
	HT4B -B	6GE-34-2NU-Y	460/3/60	47.1	245	2	1800	4.4	63.3
	HT5B -B	6GE-34-5PU-Y	575/3/60	37.1	196	2	1800	4.2	50.6

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**ELECTRICAL DATA -
SINGLE COMPRESSOR MODELS (cont'd)**
60Hz

CONDENSING UNIT MODEL	COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		CONDENSER FAN MTR.			UNIT	
			RLA	LRA	QTY	WATTS	FLA	MCA	MOP
TVS012V 6/8 -	HT3B -B	S4G-12.2-2NU-Y	208-230/3/60	44.2	252	1	1850	6.6	61.9
	HT4B -B	S4G-12.2-2NU-Y	460/3/60	21.0	126	1	1850	3.1	29.4
	HT5B -B	S4G-12.2-5PU-Y	575/3/60	16.0	101	1	1850	2.5	22.5
TVS016V 6/8 -	HT3B -B	S6J-16.2-2NU-Y	208-230/3/60	66.3	294	1	1850	6.6	89.5
	HT4B -B	S6J-16.2-2NU-Y	460/3/60	31.5	147	1	1850	3.1	42.5
	HT5B -B	S6J-16.2-5PU-Y	575/3/60	24.0	117	1	1850	2.5	32.5
TVS020V 6/8 -	HT3B -B	S6H-20.2-2NU-Y	208-230/3/60	75.2	352	2	3700	13.2	107.2
	HT4B -B	S6H-20.2-2NU-Y	460/3/60	35.7	176	2	3700	6.2	50.8
	HT5B -B	S6H-20.2-5PU-Y	575/3/60	27.1	140	2	3700	5.0	38.9
TVS025V 6/8 -	HT3B -B	S6G-25.2-2NU-Y	208-230/3/60	91.6	436	2	3700	13.2	127.7
	HT4B -B	S6G-25.2-2NU-Y	460/3/60	43.1	218	2	3700	6.2	60.1
	HT5B -B	S6G-25.2-5PU-Y	575/3/60	33.1	174	2	3700	5.0	46.4
TVS030V 6/8 -	HT3B -B	S6F-30.2-2NU-Y	208-230/3/60	106.2	490	2	3700	13.2	146.0
	HT4B -B	S6F-30.2-2NU-Y	460/3/60	50.4	245	2	3700	6.2	69.2
	HT5B -B	S6F-30.2-5PU-Y	575/3/60	38.2	196	2	3700	5.0	52.8

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

CONDENSING UNIT MODEL	COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		CONDENSER FAN MTR.			UNIT	
			RLA	LRA	QTY	WATTS	FLA	MCA	MOP
TVD030H8-	HT3B -B	4PES-15-2NU-Y	208-230/3/60	60.0	294	4	7400	26.4	161.4
	HT4B -B	4PES-15-2NU-Y	460/3/60	27.1	147	4	7400	12.4	73.4
	HT5B -B	4PES-15-5PU-Y	575/3/60	21.8	117	4	7400	10.0	59.1
TVD040H8-	HT3B -B	4NES-20-2NU-Y	208-230/3/60	71.1	352	4	7400	26.4	186.4
	HT4B -B	4NES-20-2NU-Y	460/3/60	32.1	176	4	7400	12.4	84.6
	HT5B -B	4NES-20-5PU-Y	575/3/60	26.3	140	4	7400	10.0	69.2
TVD050H8-	HT3B -B	4HE-25-2NU-Y	208-230/3/60	93.2	436	4	7400	26.4	236.1
	HT4B -B	4HE-25-2NU-Y	460/3/60	42.1	218	4	7400	12.4	107.1
	HT5B -B	4HE-25-5PU-Y	575/3/60	33.6	174	4	7400	10.0	85.6
TVD060H8-	HT3B -B	4GE-30-2NU-Y	208-230/3/60	110.6	490	4	7400	26.4	275.3
	HT4B -B	4GE-30-2NU-Y	460/3/60	50.0	245	4	7400	12.4	124.9
	HT5B -B	4GE-30-5PU-Y	575/3/60	40.0	196	4	7400	10.0	100.0
TVD070H8-	HT3B -B	6HE-35-2NU-Y	208-230/3/60	129.5	550	6	11100	39.6	331.0
	HT4B -B	6HE-35-2NU-Y	460/3/60	58.6	275	6	11100	18.6	150.5
	HT5B -B	6HE-35-5PU-Y	575/3/60	46.4	220	6	11100	15.0	119.4
TVD080H8-	HT3B -B	6GE-40-2NU-Y	208-230/3/60	173.8	700	6	11100	39.6	430.7
	HT4B -B	6GE-40-2NU-Y	460/3/60	78.6	350	6	11100	18.6	195.5
	HT5B -B	6GE-40-5PU-Y	575/3/60	62.9	280	6	11100	15.0	156.5
TVD030M8-	HT3B -B	4PES-15-2NU-Y	208-230/3/60	60.0	294	4	7400	26.4	161.4
	HT4B -B	4PES-15-2NU-Y	460/3/60	27.1	147	4	7400	12.4	73.4
	HT5B -B	4PES-15-5PU-Y	575/3/60	21.8	117	4	7400	10.0	59.1
TVD040M8-	HT3B -B	4NES-20-2NU-Y	208-230/3/60	71.1	352	4	7400	26.4	186.4
	HT4B -B	4NES-20-2NU-Y	460/3/60	32.1	176	4	7400	12.4	84.6
	HT5B -B	4NES-20-5PU-Y	575/3/60	26.3	140	4	7400	10.0	69.2
TVD050M8-	HT3B -B	4HE-25-2NU-Y	208-230/3/60	93.2	436	4	7400	26.4	236.1
	HT4B -B	4HE-25-2NU-Y	460/3/60	42.1	218	4	7400	12.4	107.1
	HT5B -B	4HE-25-5PU-Y	575/3/60	33.6	174	4	7400	10.0	85.6
TVD060M8-	HT3B -B	4GE-30-2NU-Y	208-230/3/60	110.6	490	4	7400	26.4	275.3
	HT4B -B	4GE-30-2NU-Y	460/3/60	50.0	245	4	7400	12.4	124.9
	HT5B -B	4GE-30-5PU-Y	575/3/60	40.0	196	4	7400	10.0	100.0
TVD070M8-	HT3B -B	6HE-35-2NU-Y	208-230/3/60	129.5	550	6	11100	39.6	331.0
	HT4B -B	6HE-35-2NU-Y	460/3/60	58.6	275	6	11100	18.6	150.5
	HT5B -B	6HE-35-5PU-Y	575/3/60	46.4	220	6	11100	15.0	119.4
TVD080M8-	HT3B -B	6GE-40-2NU-Y	208-230/3/60	173.8	700	6	11100	39.6	430.7
	HT4B -B	6GE-40-2NU-Y	460/3/60	78.6	350	6	11100	18.6	195.5
	HT5B -B	6GE-40-5PU-Y	575/3/60	62.9	280	6	11100	15.0	156.5
TVD100M8-	HT3B -B	6FE-50-2NU-Y	208-230/3/60	176.9	950	6	11100	39.6	437.6
	HT4B -B	6FE-50-2NU-Y	460/3/60	80.0	425	6	11100	18.6	198.6
	HT5B -B	6FE-50-5PU-Y	575/3/60	63.6	340	6	11100	15.0	158.1

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

60Hz

CONDENSING UNIT MODEL	COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		CONDENSER FAN MTR.			UNIT		
			RLA	LRA	QTY	WATTS	FLA	MCA	MOP	
TVD024L 6/8 -	HT3B -B	4NES-14-2NU-Y	208-230/3/60	49.0	252	2	3700	13.2	123.5	150
	HT4B -B	4NES-14-2NU-Y	460/3/60	22.1	126	2	3700	6.2	55.9	70
	HT5B -B	4NES-14-5PU-Y	575/3/60	17.7	101	2	3700	5.0	44.8	60
TVD030L 6/8 -	HT3B -B	4HE-18-2NU-Y	208-230/3/60	66.7	352	2	3700	13.2	163.3	225
	HT4B -B	4HE-18-2NU-Y	460/3/60	30.1	176	2	3700	6.2	73.9	100
	HT5B -B	4HE-18-5PU-Y	575/3/60	24.1	140	2	3700	5.0	59.2	80
TVD040L 6/8 -	HT3B -B	4GE-23-2NU-Y	208-230/3/60	71.1	352	4	7400	26.4	186.4	250
	HT4B -B	4GE-23-2NU-Y	460/3/60	32.1	176	4	7400	12.4	84.6	110
	HT5B -B	4GE-23-5PU-Y	575/3/60	25.7	140	4	7400	10.0	67.8	90
TVD050L 6/8 -	HT3B -B	6HE-28-2NU-Y	208-230/3/60	95.6	490	4	7400	26.4	241.5	300
	HT4B -B	6HE-28-2NU-Y	460/3/60	43.2	245	4	7400	12.4	109.6	150
	HT5B -B	6HE-28-5PU-Y	575/3/60	34.6	196	4	7400	10.0	87.9	110
TVD060L 6/8 -	HT3B -B	6GE-34-2NU-Y	208-230/3/60	104.3	490	4	7400	26.4	261.1	350
	HT4B -B	6GE-34-2NU-Y	460/3/60	47.1	245	4	7400	12.4	118.4	150
	HT5B -B	6GE-34-5PU-Y	575/3/60	37.1	196	4	7400	10.0	93.5	125
TVD080L 6/8 -	HT3B -B	6FE-44-2NU-Y	208-230/3/60	120.1	700	4	7400	26.4	296.6	400
	HT4B -B	6FE-44-2NU-Y	460/3/60	54.3	350	4	7400	12.4	134.6	175
	HT5B -B	6FE-44-5PU-Y	575/3/60	43.6	280	4	7400	10.0	108.1	150
TVD024D 6/8 -	HT3B -B	4NES-14-2NU-Y	208-230/3/60	49.0	252	2	1800	9.8	120.1	150
	HT4B -B	4NES-14-2NU-Y	460/3/60	22.1	126	2	1800	4.4	54.1	70
	HT5B -B	4NES-14-5PU-Y	575/3/60	17.7	101	2	1800	4.2	44.0	60
TVD030D 6/8 -	HT3B -B	4HE-18-2NU-Y	208-230/3/60	66.7	352	2	1800	9.8	159.9	225
	HT4B -B	4HE-18-2NU-Y	460/3/60	30.1	176	2	1800	4.4	72.1	100
	HT5B -B	4HE-18-5PU-Y	575/3/60	24.1	140	2	1800	4.2	58.4	80
TVD040D 6/8 -	HT3B -B	4GE-23-2NU-Y	208-230/3/60	71.1	352	4	3600	19.6	179.6	250
	HT4B -B	4GE-23-2NU-Y	460/3/60	32.1	176	4	3600	8.8	81.0	110
	HT5B -B	4GE-23-5PU-Y	575/3/60	25.7	140	4	3600	8.4	66.2	90
TVD050D 6/8 -	HT3B -B	6HE-28-2NU-Y	208-230/3/60	95.6	490	4	3600	19.6	234.7	300
	HT4B -B	6HE-28-2NU-Y	460/3/60	43.2	245	4	3600	8.8	106.0	125
	HT5B -B	6HE-28-5PU-Y	575/3/60	34.6	196	4	3600	8.4	86.3	110
TVD060D 6/8 -	HT3B -B	6GE-34-2NU-Y	208-230/3/60	104.3	490	4	3600	19.6	254.3	350
	HT4B -B	6GE-34-2NU-Y	460/3/60	47.1	245	4	3600	8.8	114.8	150
	HT5B -B	6GE-34-5PU-Y	575/3/60	37.1	196	4	3600	8.4	91.9	125
TVD016V 6/8 -	HT3B -B	S4N-8.2-2NU-Y	208-230/3/60	31.0	180	2	3700	13.2	83.0	110
	HT4B -B	S4N-8.2-2NU-Y	460/3/60	14.7	90	2	3700	6.2	39.3	50
	HT5B -B	S4N-8.2-5PU-Y	575/3/60	11.2	72	2	3700	5.0	30.2	40
TVD024V 6/8 -	HT3B -B	S4G-12.2-2NU-Y	208-230/3/60	44.2	252	2	3700	13.2	112.7	150
	HT4B -B	S4G-12.2-2NU-Y	460/3/60	21.0	126	2	3700	6.2	53.5	70
	HT5B -B	S4G-12.2-5PU-Y	575/3/60	16.0	101	2	3700	5.0	41.0	50
TVD032V 6/8 -	HT3B -B	S6J-16.2-2NU-Y	208-230/3/60	66.3	294	2	3700	13.2	162.4	225
	HT4B -B	S6J-16.2-2NU-Y	460/3/60	31.5	147	2	3700	6.2	77.1	100
	HT5B -B	S6J-16.2-5PU-Y	575/3/60	24.0	117	2	3700	5.0	59.0	80
TVD040V 6/8 -	HT3B -B	S6H-20.2-2NU-Y	208-230/3/60	75.2	352	4	7400	26.4	195.6	250
	HT4B -B	S6H-20.2-2NU-Y	460/3/60	35.7	176	4	7400	12.4	92.7	125
	HT5B -B	S6H-20.2-5PU-Y	575/3/60	27.1	140	4	7400	10.0	71.0	90
TVD050V 6/8 -	HT3B -B	S6G-25.2-2NU-Y	208-230/3/60	91.6	436	4	7400	26.4	232.5	300
	HT4B -B	S6G-25.2-2NU-Y	460/3/60	43.1	218	4	7400	12.4	109.4	150
	HT5B -B	S6G-25.2-5PU-Y	575/3/60	33.1	174	4	7400	10.0	84.5	110
TVD060V 6/8 -	HT3B -B	S6F-30.2-2NU-Y	208-230/3/60	106.2	490	4	7400	26.4	265.4	350
	HT4B -B	S6F-30.2-2NU-Y	460/3/60	50.4	245	4	7400	12.4	125.8	175
	HT5B -B	S6F-30.2-5PU-Y	575/3/60	38.2	196	4	7400	10.0	96.0	125

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

CONDENSING UNIT MODEL	COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		CONDENSER FAN MTR. **			UNIT	
			RLA	LRA	QTY	WATTS	FLA	MCA	MOP
TVS015H-8-	HT3B -B	4PES-15-2NU-Y	208-230/3/60	60.0	294	2	3500	12.4	87.4
	HT4B -B	4PES-15-2NU-Y	460/3/60	27.1	147	2	3500	4.6	38.5
	HT5B -B	4PES-15-5PU-Y	575/3/60	21.8	117	2	3500	5.0	32.3
TVS020H-8-	HT3B -B	4NES-20-2NU-Y	208-230/3/60	71.1	352	2	3500	12.4	101.3
	HT4B -B	4NES-20-2NU-Y	460/3/60	32.1	176	2	3500	4.6	44.7
	HT5B -B	4NES-20-5PU-Y	575/3/60	26.3	140	2	3500	5.0	37.9
TVS025H-8-	HT3B -B	4HE-25-2NU-Y	208-230/3/60	93.2	436	2	3500	12.4	128.9
	HT4B -B	4HE-25-2NU-Y	460/3/60	42.1	218	2	3500	4.6	57.2
	HT5B -B	4HE-25-5PU-Y	575/3/60	33.6	174	2	3500	5.0	47.0
TVS030H-8-	HT3B -B	4GE-30-2NU-Y	208-230/3/60	110.6	490	2	3500	12.4	150.7
	HT4B -B	4GE-30-2NU-Y	460/3/60	50.0	245	2	3500	4.6	67.1
	HT5B -B	4GE-30-5PU-Y	575/3/60	40.0	196	2	3500	5.0	55.0
TVS035H-8-	HT3B -B	6HE-35-2NU-Y	208-230/3/60	129.5	550	3	5250	18.6	180.5
	HT4B -B	6HE-35-2NU-Y	460/3/60	58.6	275	3	5250	6.9	80.2
	HT5B -B	6HE-35-5PU-Y	575/3/60	46.4	220	3	5250	7.5	65.5
TVS040H-8-	HT3B -B	6GE-40-2NU-Y	208-230/3/60	173.8	700	3	5250	18.6	235.9
	HT4B -B	6GE-40-2NU-Y	460/3/60	78.6	350	3	5250	6.9	105.2
	HT5B -B	6GE-40-5PU-Y	575/3/60	62.9	280	3	5250	7.5	86.1
TVS015M-8-	HT3B -B	4PES-15-2NU-Y	208-230/3/60	60.0	294	2	3500	12.4	87.4
	HT4B -B	4PES-15-2NU-Y	460/3/60	27.1	147	2	3500	4.6	38.5
	HT5B -B	4PES-15-5PU-Y	575/3/60	21.8	117	2	3500	5.0	32.3
TVS020M-8-	HT3B -B	4NES-20-2NU-Y	208-230/3/60	71.1	352	2	3500	12.4	101.3
	HT4B -B	4NES-20-2NU-Y	460/3/60	32.1	176	2	3500	4.6	44.7
	HT5B -B	4NES-20-5PU-Y	575/3/60	26.3	140	2	3500	5.0	37.9
TVS025M-8-	HT3B -B	4HE-25-2NU-Y	208-230/3/60	93.2	436	2	3500	12.4	128.9
	HT4B -B	4HE-25-2NU-Y	460/3/60	42.1	218	2	3500	4.6	57.2
	HT5B -B	4HE-25-5PU-Y	575/3/60	33.6	174	2	3500	5.0	47.0
TVS030M-8-	HT3B -B	4GE-30-2NU-Y	208-230/3/60	110.6	490	2	3500	12.4	150.7
	HT4B -B	4GE-30-2NU-Y	460/3/60	50.0	245	2	3500	4.6	67.1
	HT5B -B	4GE-30-5PU-Y	575/3/60	40.0	196	2	3500	5.0	55.0
TVS035M-8-	HT3B -B	6HE-35-2NU-Y	208-230/3/60	129.5	550	3	5250	18.6	180.5
	HT4B -B	6HE-35-2NU-Y	460/3/60	58.6	275	3	5250	6.9	80.2
	HT5B -B	6HE-35-5PU-Y	575/3/60	46.4	220	3	5250	7.5	65.5
TVS040M-8-	HT3B -B	6GE-40-2NU-Y	208-230/3/60	173.8	700	3	5250	18.6	235.9
	HT4B -B	6GE-40-2NU-Y	460/3/60	78.6	350	3	5250	6.9	105.2
	HT5B -B	6GE-40-5PU-Y	575/3/60	62.9	280	3	5250	7.5	86.1
TVS050M-8-	HT3B -B	6FE-50-2NU-Y	208-230/3/60	176.9	950	3	5250	18.6	239.7
	HT4B -B	6FE-50-2NU-Y	460/3/60	80.0	425	3	5250	6.9	106.9
	HT5B -B	6FE-50-5PU-Y	575/3/60	63.6	340	3	5250	7.5	87.0
TVS012L 6/8 -	HT3B -B	4NES-14-2NU-Y	208-230/3/60	49.0	252	1	1750	6.2	67.5
	HT4B -B	4NES-14-2NU-Y	460/3/60	22.1	126	1	1750	2.3	29.9
	HT5B -B	4NES-14-5PU-Y	575/3/60	17.7	101	1	1750	2.5	24.6
TVS015L 6/8 -	HT3B -B	4HE-18-2NU-Y	208-230/3/60	66.7	352	1	1750	6.2	89.6
	HT4B -B	4HE-18-2NU-Y	460/3/60	30.1	176	1	1750	2.3	39.9
	HT5B -B	4HE-18-5PU-Y	575/3/60	24.1	140	1	1750	2.5	32.6
TVS020L 6/8 -	HT3B -B	4GE-23-2NU-Y	208-230/3/60	71.1	352	2	3500	12.4	101.3
	HT4B -B	4GE-23-2NU-Y	460/3/60	32.1	176	2	3500	4.6	44.7
	HT5B -B	4GE-23-5PU-Y	575/3/60	25.7	140	2	3500	5.0	37.1
TVS025L 6/8 -	HT3B -B	6HE-28-2NU-Y	208-230/3/60	95.6	490	2	3500	12.4	131.9
	HT4B -B	6HE-28-2NU-Y	460/3/60	43.2	245	2	3500	4.6	58.6
	HT5B -B	6HE-28-5PU-Y	575/3/60	34.6	196	2	3500	5.0	48.3
TVS030L 6/8 -	HT3B -B	6GE-34-2NU-Y	208-230/3/60	104.3	490	2	3500	12.4	142.8
	HT4B -B	6GE-34-2NU-Y	460/3/60	47.1	245	2	3500	4.6	63.5
	HT5B -B	6GE-34-5PU-Y	575/3/60	37.1	196	2	3500	5.0	51.4
TVS040L6 6/8 -	HT3B -B	6FE-44-2NU-Y	208-230/3/60	120.1	700	2	3500	12.4	162.5
	HT4B -B	6FE-44-2NU-Y	460/3/60	54.3	350	2	3500	4.6	72.5
	HT5B -B	6FE-44-5PU-Y	575/3/60	43.6	280	2	3500	5.0	59.5
TVS008V 6/8 -	HT3B -B	S4N-8.2-2NU-Y	208-230/3/60	31.0	180	1	1750	6.2	45.0
	HT4B -B	S4N-8.2-2NU-Y	460/3/60	14.7	90	1	1750	2.3	20.7
	HT5B -B	S4N-8.2-5PU-Y	575/3/60	11.2	72	1	1750	2.5	16.5
TVS012V 6/8 -	HT3B -B	S4G-12.2-2NU-Y	208-230/3/60	44.2	252	1	1750	6.2	61.5
	HT4B -B	S4G-12.2-2NU-Y	460/3/60	21.0	126	1	1750	2.3	28.6
	HT5B -B	S4G-12.2-5PU-Y	575/3/60	16.0	101	1	1750	2.5	22.5
TVS016V 6/8 -	HT3B -B	S6J-16.2-2NU-Y	208-230/3/60	66.3	294	1	1750	6.2	89.1
	HT4B -B	S6J-16.2-2NU-Y	460/3/60	31.5	147	1	1750	2.3	41.7
	HT5B -B	S6J-16.2-5PU-Y	575/3/60	24.0	117	1	1750	2.5	32.5
TVS020V 6/8 -	HT3B -B	S6H-20.2-2NU-Y	208-230/3/60	75.2	352	2	3500	12.4	106.4
	HT4B -B	S6H-20.2-2NU-Y	460/3/60	35.7	176	2	3500	4.6	49.2
	HT5B -B	S6H-20.2-5PU-Y	575/3/60	27.1	140	2	3500	5.0	38.9
TVS025V 6/8 -	HT3B -B	S6G-25.2-2NU-Y	208-230/3/60	91.6	436	2	3500	12.4	126.9
	HT4B -B	S6G-25.2-2NU-Y	460/3/60	43.1	218	2	3500	4.6	58.5
	HT5B -B	S6G-25.2-5PU-Y	575/3/60	33.1	174	2	3500	5.0	46.4
TVS030V 6/8 -	HT3B -B	S6F-30.2-2NU-Y	208-230/3/60	106.2	490	2	3500	12.4	145.2
	HT4B -B	S6F-30.2-2NU-Y	460/3/60	50.4	245	2	3500	4.6	67.6
	HT5B -B	S6F-30.2-5PU-Y	575/3/60	38.2	196	2	3500	5.0	52.8

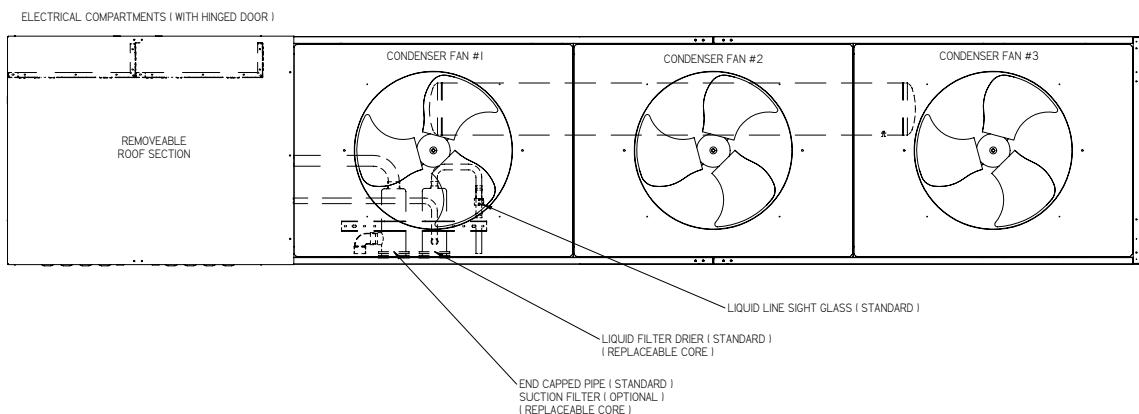
** = 575V units use a 230V motor with a transformer

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

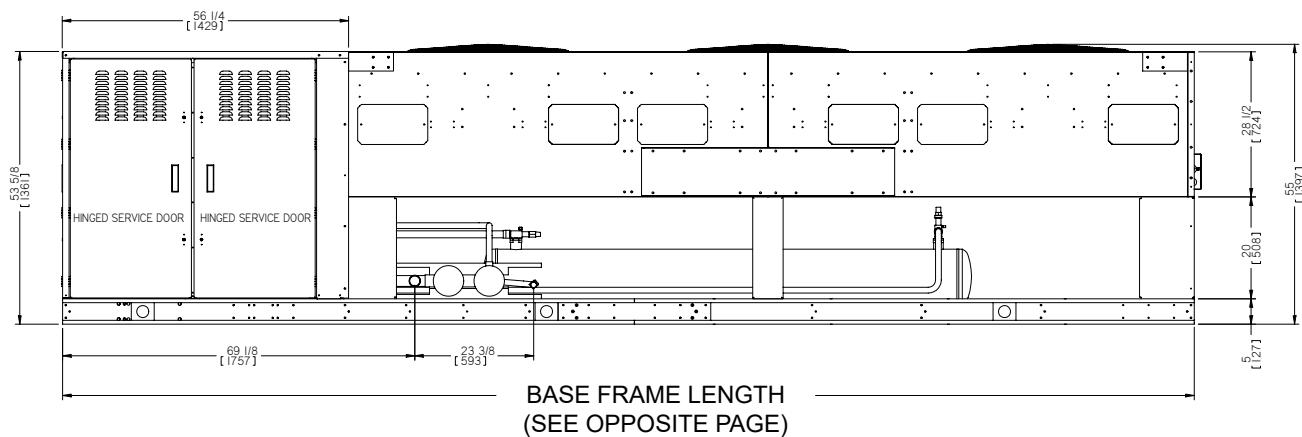
CONDENSING UNIT MODEL	COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		CONDENSER FAN MTR. **			UNIT	
			RLA	LRA	QTY	WATTS	FLA	MCA	MOP
TVD030H8-	HT3B -B	4PES-15-2NU-Y	208-230/3/60	60.0	294	4	7000	24.8	159.8
	HT4B -B	4PES-15-2NU-Y	460/3/60	27.1	147	4	7000	9.2	70.2
	HT5B -B	4PES-15-5PU-Y	575/3/60	21.8	117	4	7000	10.0	59.1
TVD040H8-	HT3B -B	4NES-20-2NU-Y	208-230/3/60	71.1	352	4	7000	24.8	184.8
	HT4B -B	4NES-20-2NU-Y	460/3/60	32.1	176	4	7000	9.2	81.4
	HT5B -B	4NES-20-5PU-Y	575/3/60	26.3	140	4	7000	10.0	69.2
TVD050H8-	HT3B -B	4HE-25-2NU-Y	208-230/3/60	93.2	436	4	7000	24.8	234.5
	HT4B -B	4HE-25-2NU-Y	460/3/60	42.1	218	4	7000	9.2	103.9
	HT5B -B	4HE-25-5PU-Y	575/3/60	33.6	174	4	7000	10.0	85.6
TVD060H8-	HT3B -B	4GE-30-2NU-Y	208-230/3/60	110.6	490	4	7000	24.8	273.7
	HT4B -B	4GE-30-2NU-Y	460/3/60	50.0	245	4	7000	9.2	121.7
	HT5B -B	4GE-30-5PU-Y	575/3/60	40.0	196	4	7000	10.0	100.0
TVD070H8-	HT3B -B	6HE-35-2NU-Y	208-230/3/60	129.5	550	6	10500	37.2	328.6
	HT4B -B	6HE-35-2NU-Y	460/3/60	58.6	275	6	10500	13.8	145.7
	HT5B -B	6HE-35-5PU-Y	575/3/60	46.4	220	6	10500	15.0	119.4
TVD080H8-	HT3B -B	6GE-40-2NU-Y	208-230/3/60	173.8	700	6	10500	37.2	428.3
	HT4B -B	6GE-40-2NU-Y	460/3/60	78.6	350	6	10500	13.8	190.7
	HT5B -B	6GE-40-5PU-Y	575/3/60	62.9	280	6	10500	15.0	156.5
TVD030M8-	HT3B -B	4PES-15-2NU-Y	208-230/3/60	60.0	294	4	7000	24.8	159.8
	HT4B -B	4PES-15-2NU-Y	460/3/60	27.1	147	4	7000	9.2	70.2
	HT5B -B	4PES-15-5PU-Y	575/3/60	21.8	117	4	7000	10.0	59.1
TVD040M8-	HT3B -B	4NES-20-2NU-Y	208-230/3/60	71.1	352	4	7000	24.8	184.8
	HT4B -B	4NES-20-2NU-Y	460/3/60	32.1	176	4	7000	9.2	81.4
	HT5B -B	4NES-20-5PU-Y	575/3/60	26.3	140	4	7000	10.0	69.2
TVD050M8-	HT3B -B	4HE-25-2NU-Y	208-230/3/60	93.2	436	4	7000	24.8	234.5
	HT4B -B	4HE-25-2NU-Y	460/3/60	42.1	218	4	7000	9.2	103.9
	HT5B -B	4HE-25-5PU-Y	575/3/60	33.6	174	4	7000	10.0	85.6
TVD060M8-	HT3B -B	4GE-30-2NU-Y	208-230/3/60	110.6	490	4	7000	24.8	273.7
	HT4B -B	4GE-30-2NU-Y	460/3/60	50.0	245	4	7000	9.2	121.7
	HT5B -B	4GE-30-5PU-Y	575/3/60	40.0	196	4	7000	10.0	100.0
TVD070M8-	HT3B -B	6HE-35-2NU-Y	208-230/3/60	129.5	550	6	10500	37.2	328.6
	HT4B -B	6HE-35-2NU-Y	460/3/60	58.6	275	6	10500	13.8	145.7
	HT5B -B	6HE-35-5PU-Y	575/3/60	46.4	220	6	10500	15.0	119.4
TVD080M8-	HT3B -B	6GE-40-2NU-Y	208-230/3/60	173.8	700	6	10500	37.2	428.3
	HT4B -B	6GE-40-2NU-Y	460/3/60	78.6	350	6	10500	13.8	190.7
	HT5B -B	6GE-40-5PU-Y	575/3/60	62.9	280	6	10500	15.0	156.5
TVD100M8-	HT3B -B	6FE-50-2NU-Y	208-230/3/60	176.9	950	6	10500	37.2	435.2
	HT4B -B	6FE-50-2NU-Y	460/3/60	80.0	425	6	10500	13.8	193.8
	HT5B -B	6FE-50-5PU-Y	575/3/60	63.6	340	6	10500	15.0	158.1
TVD024L 6/8 -	HT3B -B	4NES-14-2NU-Y	208-230/3/60	49.0	252	2	3500	12.4	122.7
	HT4B -B	4NES-14-2NU-Y	460/3/60	22.1	126	2	3500	4.6	54.3
	HT5B -B	4NES-14-5PU-Y	575/3/60	17.7	101	2	3500	5.0	44.8
TVD030L 6/8 -	HT3B -B	4HE-18-2NU-Y	208-230/3/60	66.7	352	2	3500	12.4	162.5
	HT4B -B	4HE-18-2NU-Y	460/3/60	30.1	176	2	3500	4.6	72.3
	HT5B -B	4HE-18-5PU-Y	575/3/60	24.1	140	2	3500	5.0	59.2
TVD040L 6/8 -	HT3B -B	4GE-23-2NU-Y	208-230/3/60	71.1	352	4	7000	24.8	184.8
	HT4B -B	4GE-23-2NU-Y	460/3/60	32.1	176	4	7000	9.2	81.4
	HT5B -B	4GE-23-5PU-Y	575/3/60	25.7	140	4	7000	10.0	67.8
TVD050L 6/8 -	HT3B -B	6HE-28-2NU-Y	208-230/3/60	95.6	490	4	7000	24.8	239.9
	HT4B -B	6HE-28-2NU-Y	460/3/60	43.2	245	4	7000	9.2	106.4
	HT5B -B	6HE-28-5PU-Y	575/3/60	34.6	196	4	7000	10.0	87.9
TVD060L 6/8 -	HT3B -B	6GE-34-2NU-Y	208-230/3/60	104.3	490	4	7000	24.8	259.5
	HT4B -B	6GE-34-2NU-Y	460/3/60	47.1	245	4	7000	9.2	115.2
	HT5B -B	6GE-34-5PU-Y	575/3/60	37.1	196	4	7000	10.0	93.5
TVD080L 6/8 -	HT3B -B	6FE-44-2NU-Y	208-230/3/60	120.1	700	4	7000	24.8	295.0
	HT4B -B	6FE-44-2NU-Y	460/3/60	54.3	350	4	7000	9.2	131.4
	HT5B -B	6FE-44-5PU-Y	575/3/60	43.6	280	4	7000	10.0	108.1
TVD016V 6/8 -	HT3B -B	S4N-8.2-2NU-Y	208-230/3/60	31.0	180	2	3500	12.4	82.2
	HT4B -B	S4N-8.2-2NU-Y	460/3/60	14.7	90	2	3500	4.6	37.7
	HT5B -B	S4N-8.2-5PU-Y	575/3/60	11.2	72	2	3500	5.0	30.2
TVD024V 6/8 -	HT3B -B	S4G-12.2-2NU-Y	208-230/3/60	44.2	252	2	3500	12.4	111.9
	HT4B -B	S4G-12.2-2NU-Y	460/3/60	21.0	126	2	3500	4.6	51.9
	HT5B -B	S4G-12.2-5PU-Y	575/3/60	16.0	101	2	3500	5.0	41.0
TVD032V 6/8 -	HT3B -B	S6J-16.2-2NU-Y	208-230/3/60	66.3	294	2	3500	12.4	161.6
	HT4B -B	S6J-16.2-2NU-Y	460/3/60	31.5	147	2	3500	4.6	75.5
	HT5B -B	S6J-16.2-5PU-Y	575/3/60	24.0	117	2	3500	5.0	59.0
TVD040V 6/8 -	HT3B -B	S6H-20.2-2NU-Y	208-230/3/60	75.2	352	4	7000	24.8	194.0
	HT4B -B	S6H-20.2-2NU-Y	460/3/60	35.7	176	4	7000	9.2	89.5
	HT5B -B	S6H-20.2-5PU-Y	575/3/60	27.1	140	4	7000	10.0	71.0
TVD050V 6/8 -	HT3B -B	S6G-25.2-2NU-Y	208-230/3/60	91.6	436	4	7000	24.8	230.9
	HT4B -B	S6G-25.2-2NU-Y	460/3/60	43.1	218	4	7000	9.2	106.2
	HT5B -B	S6G-25.2-5PU-Y	575/3/60	33.1	174	4	7000	10.0	84.5
TVD060V 6/8 -	HT3B -B	S6F-30.2-2NU-Y	208-230/3/60	106.2	490	4	7000	24.8	263.8
	HT4B -B	S6F-30.2-2NU-Y	460/3/60	50.4	245	4	7000	9.2	122.6
	HT5B -B	S6F-30.2-5PU-Y	575/3/60	38.2	196	4	7000	10.0	96.0

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

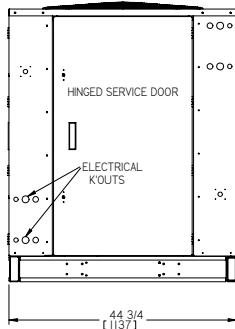
TOP VIEW



SIDE VIEW



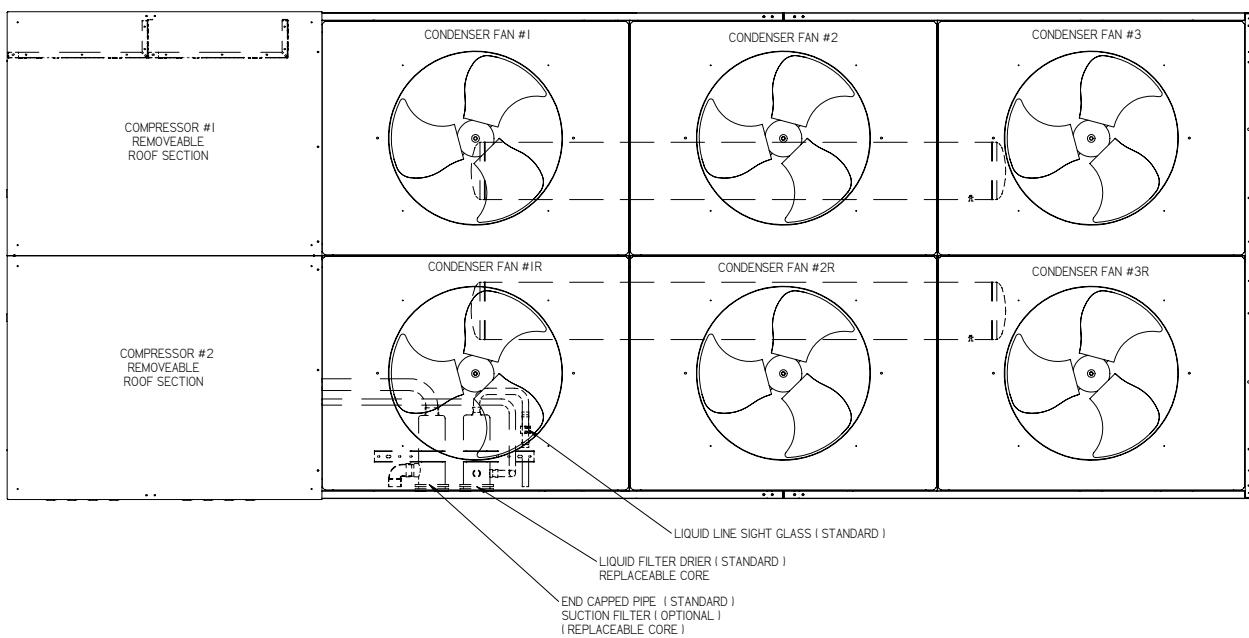
COMPRESSOR-END VIEW

**TVS-B**
BITZER

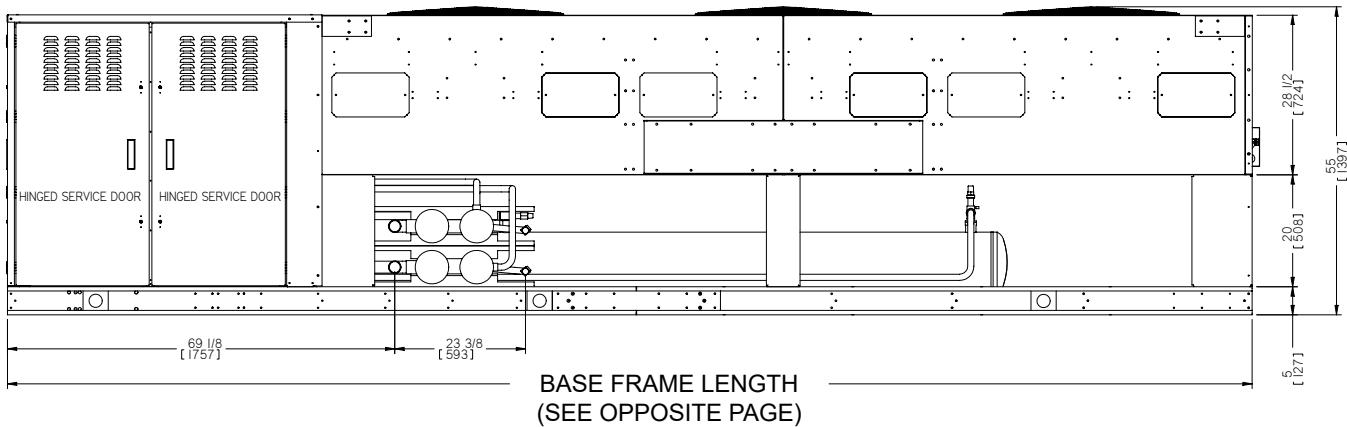
CONDENSING UNIT MODEL	BASE FRAME LENGTH	
	inches	mm
TVS015H8-H**B-B	167 3/8	4251
TVS020H8-H**B-B	167 3/8	4251
TVS025H8-H**B-B	167 3/8	4251
TVS030H8-H**B-B	167 3/8	4251
TVS035H8-H**B-B	222 3/8	5648
TVS040H8-H**B-B	222 3/8	5648
TVS015M8-H**B-B	167 3/8	4251
TVS020M8-H**B-B	167 3/8	4251
TVS025M8-H**B-B	167 3/8	4251
TVS030M8-H**B-B	167 3/8	4251
TVS035M8-H**B-B	222 3/8	5648
TVS040M8-H**B-B	222 3/8	5648
TVS050M8-H**B-B	222 3/8	5648
TVS012L 6/8 -H**B-B	112 3/8	2854
TVS015L 6/8 -H**B-B	112 3/8	2854
TVS020L 6/8 -H**B-B	167 3/8	4251
TVS025L 6/8 -H**B-B	167 3/8	4251
TVS030L 6/8 -H**B-B	167 3/8	4251
TVS040L 6/8 -H**B-B	167 3/8	4251
TVS012D 6/8 -H**B-B	112 3/8	2854
TVS015D 6/8 -H**B-B	112 3/8	2854
TVS020D 6/8 -H**B-B	167 3/8	4251
TVS025D 6/8 -H**B-B	167 3/8	4251
TVS030D 6/8 -H**B-B	167 3/8	4251
TVS008V 6/8 -H**B-B	112 3/8	2854
TVS012V 6/8 -H**B-B	112 3/8	2854
TVS016V 6/8 -H**B-B	112 3/8	2854
TVS020V 6/8 -H**B-B	167 3/8	4251
TVS025V 6/8 -H**B-B	167 3/8	4251
TVS030V 6/8 -H**B-B	167 3/8	4251

TOP VIEW

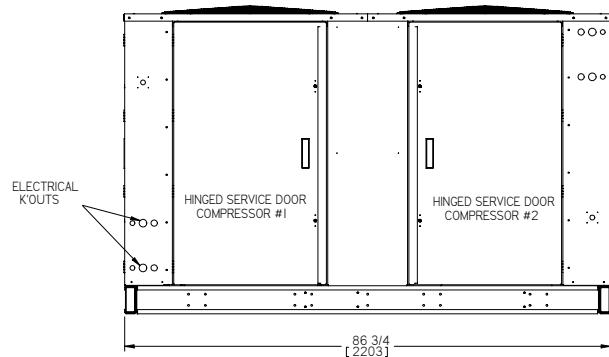
ELECTRICAL COMPARTMENTS (WITH HINGED DOOR)



SIDE VIEW



COMPRESSOR-END VIEW



TVD-B
BITZER

CONDENSING UNIT MODEL	BASE FRAME LENGTH	
	inches	mm
TVD030H8-H**B-B	167 3/8	4251
TVD040H8-H**B-B	167 3/8	4251
TVD050H8-H**B-B	167 3/8	4251
TVD060H8-H**B-B	167 3/8	4251
TVD070H8-H**B-B	222 3/8	5648
TVD080H8-H**B-B	222 3/8	5648
TVD030M8-H**B-B	167 3/8	4251
TVD040M8-H**B-B	167 3/8	4251
TVD050M8-H**B-B	167 3/8	4251
TVD060M8-H**B-B	167 3/8	4251
TVD070M8-H**B-B	222 3/8	5648
TVD080M8-H**B-B	222 3/8	5648
TVD100M8-H**B-B	222 3/8	5648
TVD024L 6/8 -H**B-B	112 3/8	2854
TVD030L 6/8 -H**B-B	112 3/8	2854
TVD040L 6/8 -H**B-B	167 3/8	4251
TVD050L 6/8 -H**B-B	167 3/8	4251
TVD060L 6/8 -H**B-B	167 3/8	4251
TVD080L 6/8 -H**B-B	167 3/8	4251
TVD024D 6/8 -H**B-B	112 3/8	2854
TVD030D 6/8 -H**B-B	112 3/8	2854
TVD040D 6/8 -H**B-B	167 3/8	4251
TVD050D 6/8 -H**B-B	167 3/8	4251
TVD060D 6/8 -H**B-B	167 3/8	4251
TVD016V 6/8 -H**B-B	112 3/8	2854
TVD024V 6/8 -H**B-B	112 3/8	2854
TVD032V 6/8 -H**B-B	112 3/8	2854
TVD040V 6/8 -H**B-B	167 3/8	4251
TVD050V 6/8 -H**B-B	167 3/8	4251
TVD060V 6/8 -H**B-B	167 3/8	4251

TVS-B
BITZER

SPECIFICATIONS - SINGLE COMPRESSOR MODELS

60Hz

CONDENSING UNIT MODEL	CONDENSER FANS	UNIT CONNECTIONS				R404A RECEIVER CAPACITY 90% FULL *		APPROX. SHIPPING WEIGHT	
		SUCTION (OD)		LIQUID (OD)					
		Inches	mm	Inches	mm	Lbs.	Kgs	Lbs.	Kgs
TVS015H8-H**B-B	2	1 5/8	41	7/8	22	103	46.7	2085	948
TVS020H8-H**B-B	2	1 5/8	41	7/8	22	103	46.7	2175	989
TVS025H8-H**B-B	2	2 1/8	54	1 1/8	29	124	56.3	2400	1091
TVS030H8-H**B-B	2	2 1/8	54	1 1/8	29	157	71.2	2505	1138
TVS035H8-H**B-B	3	2 1/8	54	1 1/8	29	189	85.8	2990	1359
TVS040H8-H**B-B	3	2 1/8	54	1 3/8	35	189	85.8	3120	1418
TVS015M8-H**B-B	2	1 5/8	41	7/8	22	103	46.7	2090	950
TVS020M8-H**B-B	2	1 5/8	41	7/8	22	103	46.7	2170	986
TVS025M8-H**B-B	2	2 1/8	54	1 1/8	29	124	56.3	2400	1091
TVS030M8-H**B-B	2	2 1/8	54	1 1/8	29	157	71.2	2515	1143
TVS035M8-H**B-B	3	2 1/8	54	1 1/8	29	189	85.8	2995	1361
TVS040M8-H**B-B	3	2 1/8	54	1 1/8	29	189	85.8	3115	1416
TVS050M8-H**B-B	3	2 1/8	54	1 1/8	29	254	115.3	3230	1468
TVS012L 6/8 -H**B-B	1	1 3/8	35	5/8	16	70	31.8	1580	718
TVS015L 6/8 -H**B-B	1	1 5/8	41	7/8	22	82	37.2	1750	795
TVS020L 6/8 -H**B-B	2	2 1/8	54	7/8	22	103	46.7	2250	1023
TVS025L 6/8 -H**B-B	2	2 1/8	54	1 1/8	29	124	56.3	2445	1111
TVS030L 6/8 -H**B-B	2	2 1/8	54	1 1/8	29	124	56.3	2470	1123
TVS040L 6/8 -H**B-B	2	2 1/8	54	1 1/8	29	157	71.2	2600	1182
TVS008V 6/8 -H**B-B	1	1 1/8	29	1/2	13	70	31.8	1585	720
TVS012V 6/8 -H**B-B	1	1 3/8	35	5/8	16	82	37.2	1705	775
TVS016V 6/8 -H**B-B	1	1 5/8	41	5/8	16	82	37.2	1860	845
TVS020V 6/8 -H**B-B	2	2 1/8	54	5/8	16	124	56.3	2435	1107
TVS025V 6/8 -H**B-B	2	2 1/8	54	7/8	22	124	56.3	2470	1123
TVS030V 6/8 -H**B-B	2	2 1/8	54	7/8	22	124	56.3	2545	1157
TVS012D 6/8 -H**B-B	1	1 3/8	35	5/8	16	70	31.8	1580	718
TVS015D 6/8 -H**B-B	1	1 5/8	41	7/8	22	82	37.2	1750	795
TVS020D 6/8 -H**B-B	2	2 1/8	54	7/8	22	103	46.7	2250	1023
TVS025D 6/8 -H**B-B	2	2 1/8	54	1 1/8	29	124	56.3	2445	1111
TVS030D 6/8 -H**B-B	2	2 1/8	54	1 1/8	29	124	56.3	2470	1123

TVD-B
BITZER

SPECIFICATIONS - DUAL COMPRESSOR MODELS

60Hz

CONDENSING UNIT MODEL	CONDENSER FANS	UNIT CONNECTIONS				R404A RECEIVER CAPACITY 90% FULL *		APPROX. SHIPPING WEIGHT	
		SUCTION (OD)		LIQUID (OD)					
		Inches	mm	Inches	mm	Lbs.	Kgs	Lbs.	Kgs
TVD030H8-H**B-B	2	1 5/8	41	7/8	22	103	46.7	3725	1693
TVD040H8-H**B-B	2	1 5/8	41	7/8	22	103	46.7	3895	1770
TVD050H8-H**B-B	2	2 1/8	54	1 1/8	29	124	56.3	4340	1972
TVD060H8-H**B-B	2	2 1/8	54	1 1/8	29	157	71.2	4550	2068
TVD070H8-H**B-B	3	2 1/8	54	1 1/8	29	189	85.8	5425	2466
TVD080H8-H**B-B	3	2 1/8	54	1 3/8	35	189	85.8	5670	2577
TVD030M8-H**B-B	2	1 5/8	41	7/8	22	103	46.7	3735	1698
TVD040M8-H**B-B	2	1 5/8	41	7/8	22	103	46.7	3880	1763
TVD050M8-H**B-B	2	2 1/8	54	1 1/8	29	124	56.3	4350	1977
TVD060M8-H**B-B	2	2 1/8	54	1 1/8	29	157	71.2	4565	2075
TVD070M8-H**B-B	3	2 1/8	54	1 1/8	29	189	85.8	5430	2468
TVD080M8-H**B-B	3	2 1/8	54	1 1/8	29	189	85.8	5665	2575
TVD100M8-H**B-B	3	2 1/8	54	1 1/8	29	254	115.3	5895	2679
TVD024L 6/8 -H**B-B	1	1 3/8	35	5/8	16	70	31.8	2790	1268
TVD030L 6/8 -H**B-B	1	1 5/8	41	7/8	22	82	37.2	3120	1418
TVD040L 6/8 -H**B-B	2	2 1/8	54	7/8	22	103	46.7	4055	1843
TVD050L 6/8 -H**B-B	2	2 1/8	54	1 1/8	29	124	56.3	4440	2018
TVD060L 6/8 -H**B-B	2	2 1/8	54	1 1/8	29	124	56.3	4480	2036
TVD080L 6/8 -H**B-B	2	2 1/8	54	1 1/8	29	157	71.2	4745	2157
TVD016V 6/8 -H**B-B	1	1 1/8	29	1/2	13	70	31.8	2795	1270
TVD024V 6/8 -H**B-B	1	1 3/8	35	5/8	16	82	37.2	3030	1377
TVD032V 6/8 -H**B-B	1	1 5/8	41	5/8	16	82	37.2	3345	1520
TVD040V 6/8 -H**B-B	2	2 1/8	54	5/8	16	124	56.3	4415	2007
TVD050V 6/8 -H**B-B	2	2 1/8	54	7/8	22	124	56.3	4485	2038
TVD060V 6/8 -H**B-B	2	2 1/8	54	7/8	22	124	56.3	4630	2104
TVS024D 6/8 -H**B-B	1	1 3/8	35	5/8	16	70	31.8	2790	1268
TVS030D 6/8 -H**B-B	1	1 5/8	41	7/8	22	82	37.2	3120	1418
TVS040D 6/8 -H**B-B	2	2 1/8	54	7/8	22	103	46.7	4055	1843
TVS050D 6/8 -H**B-B	2	2 1/8	54	1 1/8	29	124	56.3	4440	2018
TVS060D 6/8 -H**B-B	2	2 1/8	54	1 1/8	29	124	56.3	4480	2036

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

R407A	R407C	R448A R449A	R507	R22
1.10	1.10	1.05	1.00	1.15

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

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

Base Unit Model	Outdoor Models			
	R404A	R407A	R448A	R407C
	R507	R449A		
TVS015H8-B	7.6	7.6	7.6	-
TVS020H8-B	7.6	7.6	7.6	7.6
TVS025H8-B	7.6	7.6	7.6	7.6
TVS030H8-B	7.6	7.6	7.6	7.6
TVS035H8-B	7.6	7.6	7.6	7.6
TVS040H8-B	7.6	7.6	7.6	7.6
TVD030H8-B	7.6	7.6	7.6	-
TVD040H8-B	7.6	7.6	7.6	7.6
TVD050H8-B	7.6	7.6	7.6	7.6
TVD060H8-B	7.6	7.6	7.6	7.6
TVD070H8-B	7.6	7.6	7.6	7.6
TVD080H8-B	7.6	7.6	7.6	7.6
TVS015M8-B	7.6	7.6	7.6	-
TVS020M8-B	7.6	7.6	7.6	7.6
TVS025M8-B	7.6	7.6	7.6	7.6
TVS030M8-B	7.6	7.6	7.6	7.6
TVS035M8-B	7.6	7.6	7.6	7.6
TVS040M8-B	7.6	7.6	7.6	7.6
TVS050M8-B	7.6	7.6	7.6	7.6
TVD030M8-B	7.6	7.6	7.6	-
TVD040M8-B	7.6	7.6	7.6	7.6
TVD050M8-B	7.6	7.6	7.6	7.6
TVD060M8-B	7.6	7.6	7.6	7.6
TVD070M8-B	7.6	7.6	7.6	7.6
TVD080M8-B	7.6	7.6	7.6	7.6
TVD100M8-B	7.6	7.6	7.6	7.6

-- = Non-compliant model

Annual Walk-In Energy Factor Ratings - Low Temperature

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

Base Unit Model	Outdoor Models			
	R404A	R407A	R448A	R407C
	R507	R449A		
TVS012L*-B	-	-	-	-
TVS015L*-B	-	-	-	-
TVS020L*-B	-	-	-	-
TVS025L*-B	-	-	-	-
TVS030L*-B	-	-	-	-
TVS040L*-B	-	-	-	-
TVD024L*-B	-	-	-	-
TVD030L*-B	-	-	-	-
TVD040L*-B	-	-	-	-
TVD050L*-B	-	-	-	-
TVD060L*-B	-	-	-	-
TVD080L*-B	-	-	-	-
TVS012D*-B	3.15	3.15	3.15	-
TVS015D*-B	3.15	3.15	3.15	-
TVS020D*-B	3.15	3.15	3.15	-
TVS025D*-B	3.15	3.15	3.15	-
TVS030D*-B	3.15	3.15	3.15	-
TVS040D*-B	-	-	-	-
TVD024D*-B	3.15	3.15	3.15	-
TVD030D*-B	3.15	3.15	3.15	-
TVD040D*-B	3.15	3.15	3.15	-
TVD050D*-B	3.15	3.15	3.15	-
TVD060D*-B	3.15	3.15	3.15	-
TVD080D*-B	-	-	-	-

-- = Non-compliant model

Annual Walk-In Energy Factor Ratings - Low Temperature

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

Base Unit Model	Outdoor Models			
	R404A R507	R407A	R448A R449A	R407C
TVS012L*-B	-	-	-	-
TVS015L*-B	-	-	-	-
TVS020L*-B	-	-	-	-
TVS025L*-B	-	-	-	-
TVS030L*-B	-	-	-	-
TVS040L*-B	-	-	-	-
TVD024L*-B	-	-	-	-
TVD030L*-B	-	-	-	-
TVD040L*-B	-	-	-	-
TVD050L*-B	-	-	-	-
TVD060L*-B	-	-	-	-
TVD080L*-B	-	-	-	-
TVS012D*-B	3.15	3.15	3.15	-
TVS015D*-B	3.15	3.15	3.15	-
TVS020D*-B	3.15	3.15	3.15	-
TVS025D*-B	3.15	3.15	3.15	-
TVS030D*-B	3.15	3.15	3.15	-
TVS040D*-B	-	-	-	-
TVD024D*-B	3.15	3.15	3.15	-
TVD030D*-B	3.15	3.15	3.15	-
TVD040D*-B	3.15	3.15	3.15	-
TVD050D*-B	3.15	3.15	3.15	-
TVD060D*-B	3.15	3.15	3.15	-
TVD080D*-B	-	-	-	-

— = Non-compliant model

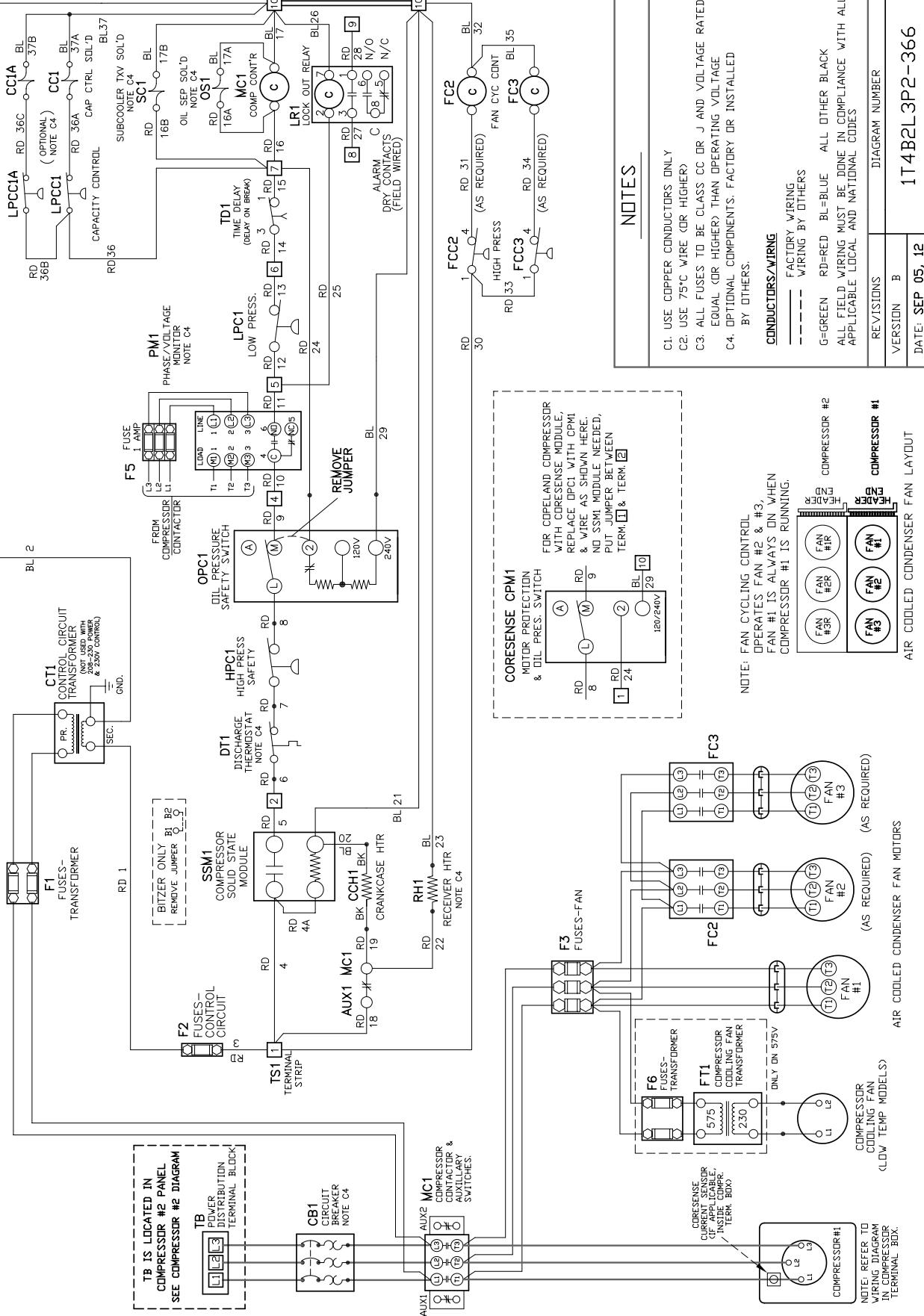
TVS/D

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

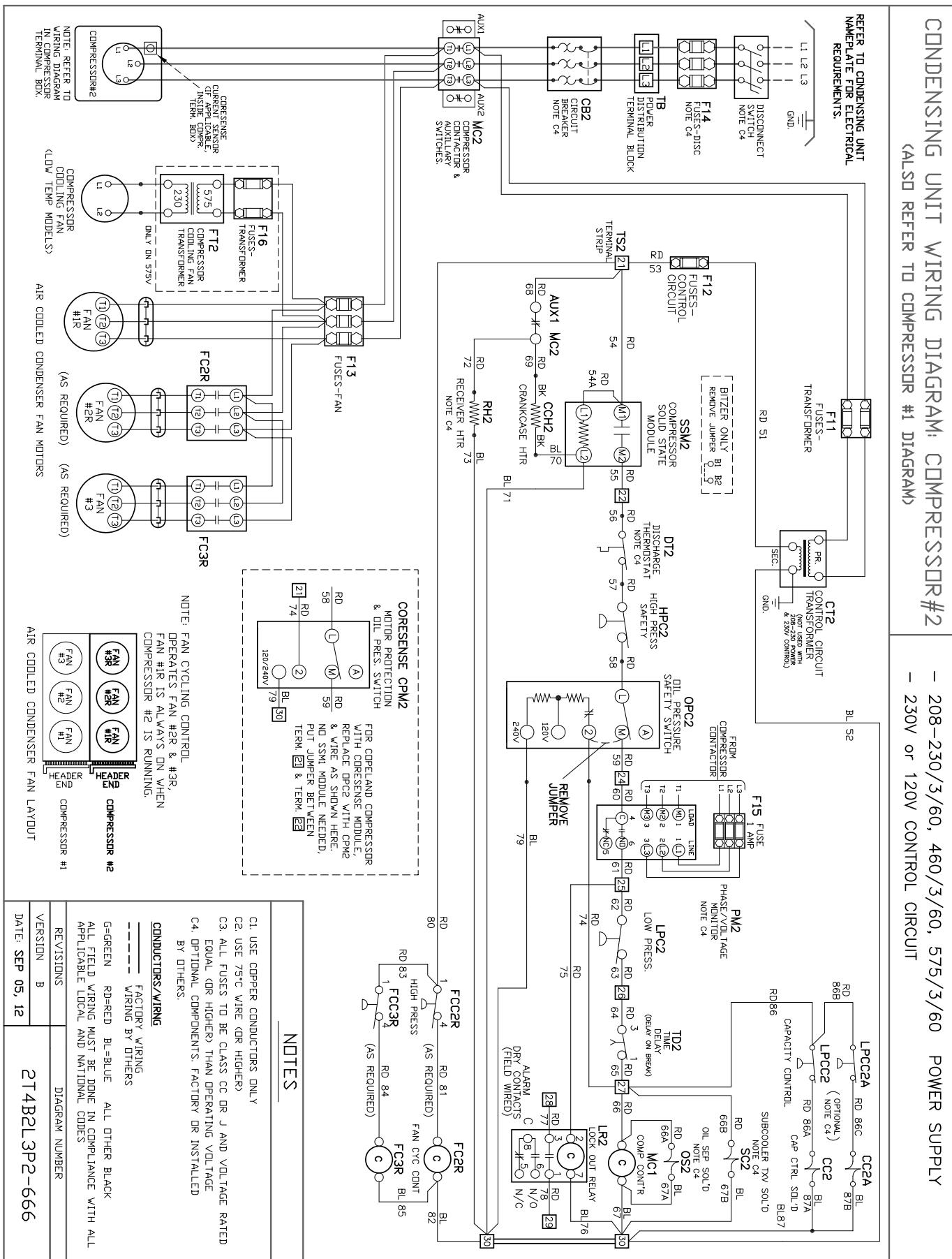


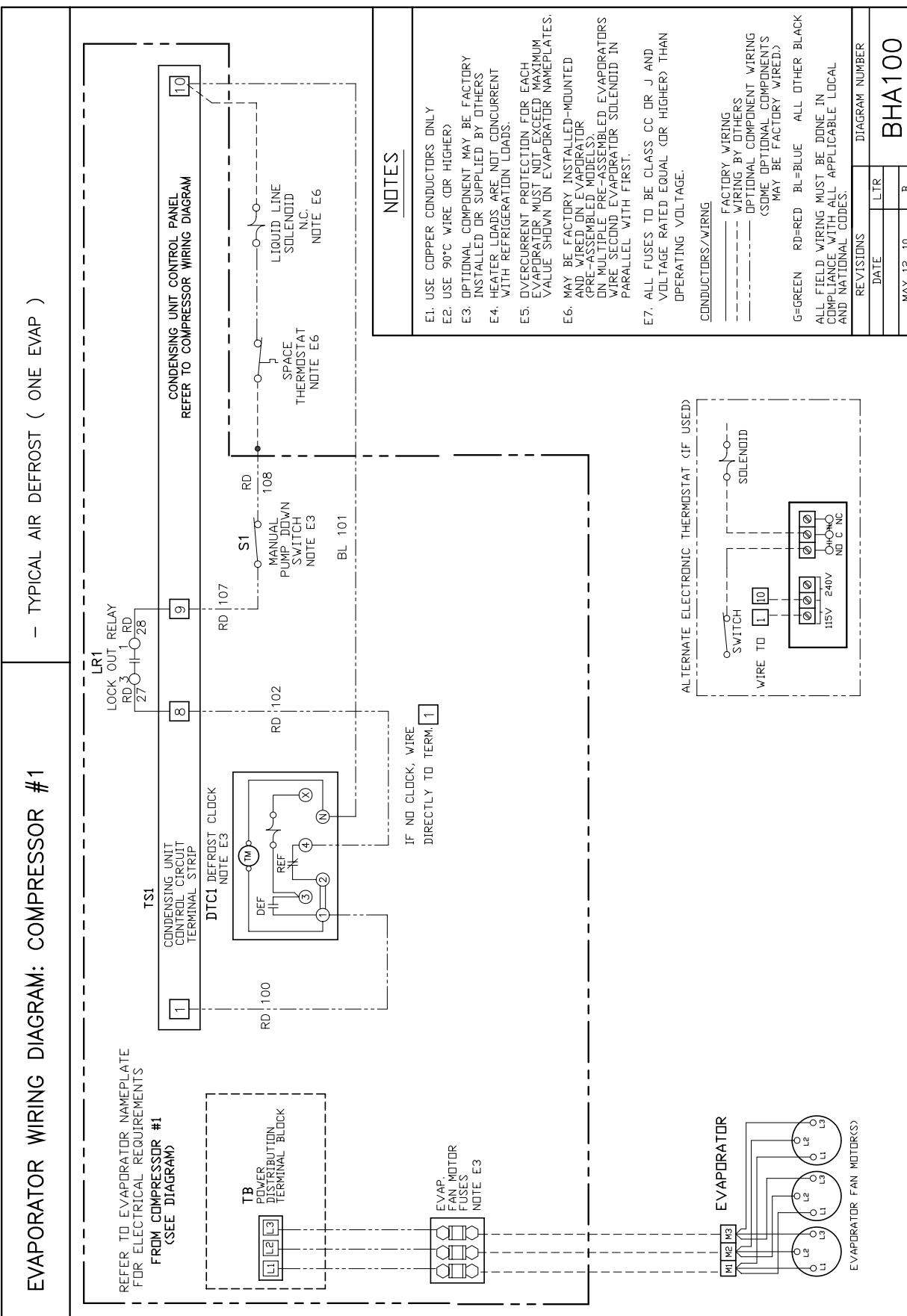
CONDENSING UNIT WIRING DIAGRAM - COMPRESSOR #2

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





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 E3

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

REF.
THERMISTOR
NOTES
E1
E2
E3
E4
E5
E6

CONDENSING UNIT
CONTROL CIRCUIT
TERMINAL STRIP

CONDENSING UNIT
CONTROL CIRCUIT
TERMINAL STRIP

CONDENSING UNIT CONTROL PANEL
NOTE E3

S2 RD
208

MANUAL
PUMP DOWN
SWITCH
NOTE E3

SPACE
THERMOSTAT
NOTES
E6

LIQUID LINE
SOLENOID
NC

NOTES
E1
E2
E3
E4
E5
E6

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).
ON MULTIPLE PRE-ASSEMBLED EVAPORATORS
WIRE SECOND EVAPORATOR SOLENOID IN
PARALLEL WITH FIRST.

E7 ALL FUSES TO BE CLASS CC OR J AND
VOLTAGE RATED EQUAL (OR HIGHER) THAN
OPERATING VOLTAGE.

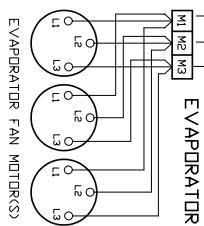
NOTES

- 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).
ON MULTIPLE PRE-ASSEMBLED EVAPORATORS
WIRE SECOND EVAPORATOR SOLENOID IN
PARALLEL WITH FIRST.
- E7 ALL FUSES TO BE CLASS CC OR J AND
VOLTAGE RATED EQUAL (OR HIGHER) THAN
OPERATING VOLTAGE.

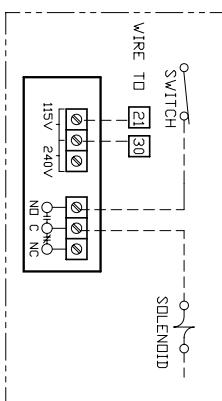
CONDUCTORS/WIRING

- FACTORY WIRING
- OPTIONAL WIRING BY OTHERS
- (SOME OPTIONAL COMPONENTS
MAY BE FACTORY WIRED)

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



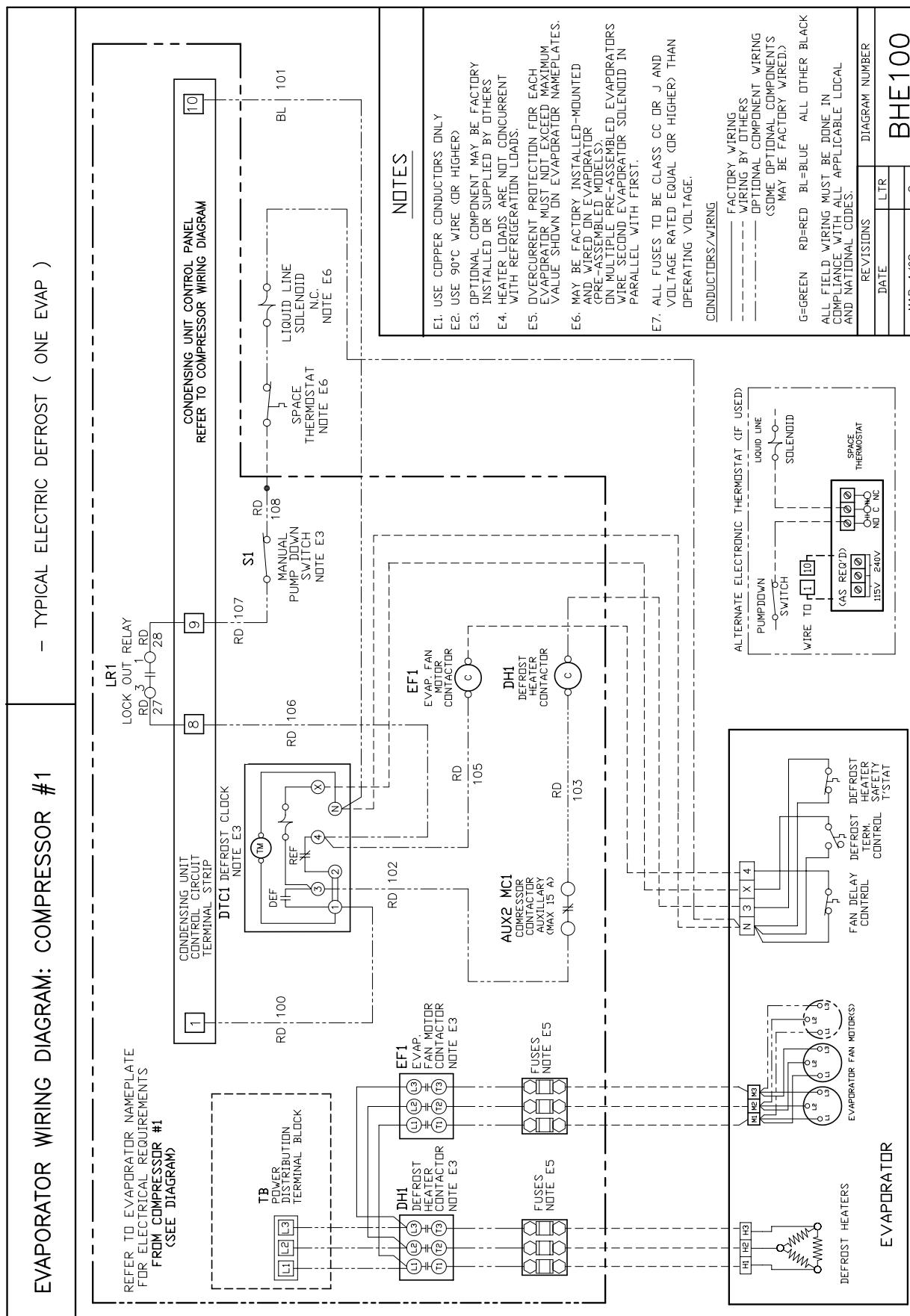
NOTE E3



ALTERNATE ELECTRONIC THERMOSTAT (IF USED)

REVISIONS	DIAGRAM NUMBER
DATE MAY 12, 10	LTR B

REV. BHA200



EVAPORATOR WIRING DIAGRAM: COMPRESSOR #2

- TYPICAL ELECTRIC DEFROST (ONE EVAP)

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

1

TERMINAL STRIP

LOCK 301 RELAY

ה'ת

35

8

5

10

3

卷六

2

14

2

1

1

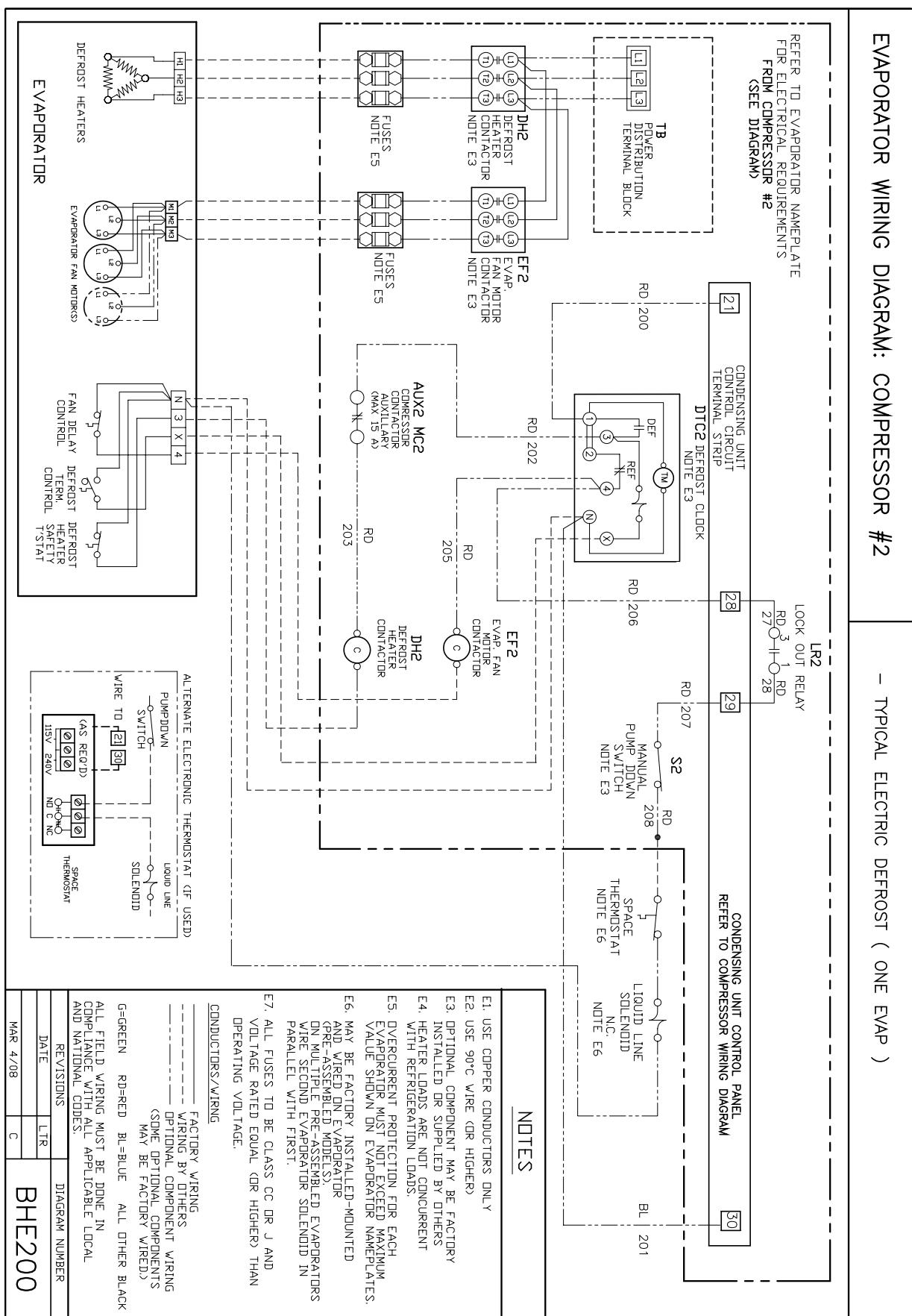
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1

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1



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)		
TVS016H8-B Compressor 4PES-15	45 (7.2)	212.1 (62.2)	203.9 (59.8)	195.7 (57.4)	187.5 (55)	179.4 (52.6)	171.3 (50.2)	163.1 (47.8)		
	40 (4.4)	192.6 (56.4)	185.0 (54.2)	177.5 (52)	169.9 (49.8)	162.3 (47.6)	154.9 (45.4)	147.3 (43.2)		
	35 (1.7)	174.3 (51.1)	167.4 (49.1)	160.4 (47)	153.4 (45)	146.5 (42.9)	139.5 (40.9)	132.6 (38.9)		
TVS021H8-B Compressor 4NES-20	45 (7.2)	248.5 (72.8)	239.2 (70.1)	229.7 (67.3)	220.4 (64.6)	210.9 (61.8)	201.6 (59.1)	192.2 (56.3)		
	40 (4.4)	226.0 (66.2)	217.2 (63.7)	208.5 (61.1)	199.9 (58.6)	191.2 (56)	182.5 (53.5)	173.9 (51)		
	35 (1.7)	204.8 (60)	196.7 (57.6)	188.7 (55.3)	180.7 (53)	172.7 (50.6)	164.7 (48.3)	156.8 (45.9)		
TVS026H8-B Compressor 4HE-25	45 (7.2)	318.3 (93.3)	306.1 (89.7)	294.0 (86.2)	281.9 (82.6)	269.9 (79.1)	257.8 (75.5)	245.8 (72)		
	40 (4.4)	289.4 (84.8)	278.1 (81.5)	266.9 (78.2)	255.7 (74.9)	244.5 (71.7)	233.4 (68.4)	222.3 (65.1)		
	35 (1.7)	262.3 (76.9)	251.9 (73.8)	241.5 (70.8)	231.2 (67.8)	220.8 (64.7)	210.5 (61.7)	200.3 (58.7)		
TVS031H8-B Compressor 4GE-30	45 (7.2)	371.7 (108.9)	357.9 (104.9)	344.2 (100.9)	330.5 (96.9)	316.9 (92.9)	303.2 (88.9)	289.7 (84.9)		
	40 (4.4)	338.4 (99.2)	325.7 (95.5)	313.0 (91.7)	300.3 (88)	287.6 (84.3)	275.0 (80.6)	262.5 (76.9)		
	35 (1.7)	307.1 (90)	295.4 (86.6)	283.7 (83.1)	272.0 (79.7)	260.3 (76.3)	248.6 (72.9)	237.1 (69.5)		
TVS036H8-B Compressor 6HE-35	45 (7.2)	484.5 (142)	466.4 (136.7)	448.5 (131.4)	430.4 (126.1)	412.4 (120.9)	394.6 (115.6)	376.7 (110.4)		
	40 (4.4)	441.0 (129.2)	424.3 (124.4)	407.6 (119.5)	390.9 (114.6)	374.3 (109.7)	357.7 (104.8)	341.3 (100)		
	35 (1.7)	400.2 (117.3)	384.7 (112.7)	369.3 (108.2)	354.0 (103.7)	338.6 (99.2)	323.3 (94.7)	308.1 (90.3)		
TVS041H8-B Compressor 6GE-40	45 (7.2)	557.0 (163.2)	536.4 (157.2)	515.9 (151.2)	495.4 (145.2)	474.8 (139.2)	454.4 (133.2)	434.1 (127.2)		
	40 (4.4)	507.2 (148.6)	488.0 (143)	469.0 (137.5)	450.0 (131.9)	431.0 (126.3)	412.1 (120.8)	393.3 (115.3)		
	35 (1.7)	460.3 (134.9)	442.8 (129.8)	425.1 (124.6)	407.6 (119.5)	390.1 (114.3)	372.6 (109.2)	355.3 (104.1)		
TVS051H8-B Compressor 6FE-50	45 (7.2)	645.0 (189)	620.9 (182)	596.8 (174.9)	572.8 (167.9)	548.8 (160.8)	524.9 (153.8)	501.1 (146.8)		
	40 (4.4)	588.3 (172.4)	565.8 (165.8)	543.5 (159.3)	521.2 (152.8)	499.0 (146.2)	476.8 (139.7)	454.8 (133.3)		
	35 (1.7)	534.8 (156.7)	514.1 (150.7)	493.4 (144.6)	472.8 (138.6)	452.2 (132.5)	431.8 (126.5)	411.4 (120.6)		

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

CAPACITY DATA - R407A
MEDIUM TEMP. HIGH EFFICIENCY MODELS

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-B	30 (-1.1)	157.3 (46.1)	150.9 (44.2)	144.5 (42.3)	138.1 (40.5)	131.7 (38.6)	125.3 (36.7)	119.0 (34.9)	
	25 (-3.9)	141.3 (41.4)	135.5 (39.7)	129.6 (38)	123.8 (36.3)	117.9 (34.6)	112.0 (32.8)	106.3 (31.1)	
	20 (-6.7)	126.5 (37.1)	121.2 (35.5)	115.8 (33.9)	110.5 (32.4)	105.2 (30.8)	99.9 (29.3)	94.5 (27.7)	
	15 (-9.4)	112.8 (33)	107.9 (31.6)	103.1 (30.2)	98.3 (28.8)	93.3 (27.4)	88.5 (25.9)	83.7 (24.5)	
	10 (-12.2)	100.1 (29.3)	95.7 (28)	91.2 (26.7)	86.9 (25.5)	82.5 (24.2)	78.1 (22.9)	73.7 (21.6)	
	5 (-15)	88.4 (25.9)	84.4 (24.7)	80.4 (23.6)	76.4 (22.4)	72.5 (21.2)	68.6 (20.1)	64.6 (18.9)	
	0 (-17.8)	77.6 (22.7)	74.0 (21.7)	70.5 (20.6)	66.9 (19.6)	63.2 (18.5)	59.7 (17.5)	56.2 (16.5)	
TVS021M8-B	30 (-1.1)	184.9 (54.2)	177.6 (52)	170.2 (49.9)	162.9 (47.7)	155.5 (45.6)	148.2 (43.4)	140.8 (41.3)	
	25 (-3.9)	166.3 (48.7)	159.6 (46.8)	152.9 (44.8)	146.3 (42.9)	139.5 (40.9)	132.8 (38.9)	126.1 (37)	
	20 (-6.7)	149.1 (43.7)	143.0 (41.9)	136.9 (40.1)	130.8 (38.3)	124.7 (36.6)	118.5 (34.7)	112.5 (33)	
	15 (-9.4)	133.1 (39)	127.6 (37.4)	122.1 (35.8)	116.6 (34.2)	111.0 (32.5)	105.4 (30.9)	100.0 (29.3)	
	10 (-12.2)	118.4 (34.7)	113.4 (33.2)	108.4 (31.8)	103.3 (30.3)	98.3 (28.8)	93.3 (27.4)	88.3 (25.9)	
	5 (-15)	104.8 (30.7)	100.3 (29.4)	95.8 (28.1)	91.1 (26.7)	86.6 (25.4)	82.1 (24.1)	77.6 (22.7)	
	0 (-17.8)	92.2 (27)	88.2 (25.8)	84.1 (24.6)	80.0 (23.4)	75.9 (22.2)	71.8 (21)	67.8 (19.9)	
TVS026M8-B	30 (-1.1)	237.0 (69.5)	227.4 (66.7)	217.8 (63.8)	208.3 (61.1)	198.8 (58.3)	189.3 (55.5)	179.9 (52.7)	
	25 (-3.9)	213.3 (62.5)	204.5 (59.9)	195.7 (57.4)	186.9 (54.8)	178.2 (52.2)	169.6 (49.7)	160.9 (47.1)	
	20 (-6.7)	191.2 (56)	183.1 (53.7)	175.1 (51.3)	167.2 (49)	159.2 (46.7)	151.2 (44.3)	143.3 (42)	
	15 (-9.4)	170.7 (50)	163.4 (47.9)	156.0 (45.7)	148.7 (43.6)	141.4 (41.5)	134.2 (39.3)	127.1 (37.2)	
	10 (-12.2)	151.6 (44.4)	145.0 (42.5)	138.3 (40.5)	131.7 (38.6)	125.1 (36.6)	118.5 (34.7)	111.9 (32.8)	
	5 (-15)	134.0 (39.3)	128.0 (37.5)	121.9 (35.7)	115.9 (34)	109.9 (32.2)	104.0 (30.5)	98.1 (28.7)	
	0 (-17.8)	117.7 (34.5)	112.2 (32.9)	106.8 (31.3)	101.3 (29.7)	95.9 (28.1)	90.5 (26.5)	85.2 (25)	
TVS031M8-B	30 (-1.1)	237.0 (69.5)	227.4 (66.7)	217.8 (63.8)	208.3 (61.1)	198.8 (58.3)	189.3 (55.5)	179.9 (52.7)	
	25 (-3.9)	213.3 (62.5)	204.5 (59.9)	195.7 (57.4)	186.9 (54.8)	178.2 (52.2)	169.6 (49.7)	160.9 (47.1)	
	20 (-6.7)	191.2 (56)	183.1 (53.7)	175.1 (51.3)	167.2 (49)	159.2 (46.7)	151.2 (44.3)	143.3 (42)	
	15 (-9.4)	170.7 (50)	163.4 (47.9)	156.0 (45.7)	148.7 (43.6)	141.4 (41.5)	134.2 (39.3)	127.1 (37.2)	
	10 (-12.2)	151.6 (44.4)	145.0 (42.5)	138.3 (40.5)	131.7 (38.6)	125.1 (36.6)	118.5 (34.7)	111.9 (32.8)	
	5 (-15)	134.0 (39.3)	128.0 (37.5)	121.9 (35.7)	115.9 (34)	109.9 (32.2)	104.0 (30.5)	98.1 (28.7)	
	0 (-17.8)	117.7 (34.5)	112.2 (32.9)	106.8 (31.3)	101.3 (29.7)	95.9 (28.1)	90.5 (26.5)	85.2 (25)	
TVS036M8-B	30 (-1.1)	361.9 (106.1)	347.8 (101.9)	333.6 (97.8)	319.4 (93.6)	305.3 (89.5)	291.3 (85.4)	277.3 (81.3)	
	25 (-3.9)	326.2 (95.6)	313.2 (91.8)	300.2 (88)	287.3 (84.2)	274.4 (80.4)	261.5 (76.6)	248.6 (72.9)	
	20 (-6.7)	293.0 (85.9)	281.1 (82.4)	269.2 (78.9)	257.4 (75.4)	245.5 (71.9)	233.7 (68.5)	222.1 (65.1)	
	15 (-9.4)	262.0 (76.8)	251.2 (73.6)	240.3 (70.4)	229.5 (67.3)	218.8 (64.1)	208.1 (61)	197.5 (57.9)	
	10 (-12.2)	233.2 (68.3)	223.4 (65.5)	213.6 (62.6)	203.8 (59.7)	194.0 (56.9)	184.4 (54)	174.7 (51.2)	
	5 (-15)	206.6 (60.6)	197.7 (57.9)	188.8 (55.3)	180.0 (52.7)	171.2 (50.2)	162.4 (47.6)	153.7 (45.1)	
	0 (-17.8)	182.0 (53.3)	173.9 (51)	165.9 (48.6)	157.9 (46.3)	150.0 (44)	142.1 (41.6)	134.3 (39.4)	
TVS041M8-B	30 (-1.1)	416.5 (122.1)	400.3 (117.3)	384.1 (112.6)	368.0 (107.9)	351.9 (103.1)	335.9 (98.4)	319.9 (93.8)	
	25 (-3.9)	375.6 (110.1)	360.7 (105.7)	345.9 (101.4)	331.1 (97)	316.4 (92.7)	301.7 (88.4)	287.1 (84.1)	
	20 (-6.7)	337.4 (98.9)	323.8 (94.9)	310.3 (90.9)	296.7 (87)	283.3 (83)	270.0 (79.1)	256.5 (75.2)	
	15 (-9.4)	301.9 (88.5)	289.5 (84.8)	277.2 (81.2)	264.9 (77.6)	252.6 (74)	240.5 (70.5)	228.4 (66.9)	
	10 (-12.2)	268.9 (78.8)	257.7 (75.5)	246.5 (72.3)	235.4 (69)	224.3 (65.7)	213.3 (62.5)	202.2 (59.3)	
	5 (-15)	238.4 (69.9)	228.2 (66.9)	218.1 (63.9)	208.0 (61)	198.0 (58)	188.1 (55.1)	178.1 (52.2)	
	0 (-17.8)	210.1 (61.6)	201.0 (58.9)	191.8 (56.2)	182.7 (53.5)	173.7 (50.9)	164.7 (48.3)	155.8 (45.7)	
TVS051M8-B	30 (-1.1)	484.6 (142)	465.5 (136.4)	446.5 (130.8)	427.5 (125.3)	408.6 (119.7)	389.7 (114.2)	371.0 (108.7)	
	25 (-3.9)	437.5 (128.2)	420.0 (123.1)	402.6 (118)	385.1 (112.9)	367.7 (107.8)	350.5 (102.7)	333.3 (97.7)	
	20 (-6.7)	393.5 (115.3)	377.5 (110.6)	361.5 (105.9)	345.7 (101.3)	329.8 (96.7)	314.0 (92)	298.3 (87.4)	
	15 (-9.4)	352.5 (103.3)	338.0 (99.1)	323.4 (94.8)	308.9 (90.5)	294.5 (86.3)	280.1 (82.1)	265.8 (77.9)	
	10 (-12.2)	314.4 (92.1)	301.1 (88.3)	287.9 (84.4)	274.8 (80.5)	261.7 (76.7)	248.6 (72.9)	235.7 (69.1)	
	5 (-15)	279.0 (81.8)	267.0 (78.3)	255.0 (74.7)	243.2 (71.3)	231.3 (67.8)	219.6 (64.3)	207.8 (60.9)	
	0 (-17.8)	246.1 (72.1)	235.3 (69)	224.6 (65.8)	213.8 (62.7)	203.2 (59.5)	192.6 (56.4)	182.0 (53.3)	

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

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)			
TVS013L8-B Compressor Model 4NES-14	0 (-17.8)	85.5 (25)	81.5 (23.9)	77.5 (22.7)	73.6 (21.6)	69.7 (20.4)	65.8 (19.3)	62.1 (18.2)				
	-5 (-20.6)	75.1 (22)	71.5 (21)	67.9 (19.9)	64.4 (18.9)	60.9 (17.8)	57.4 (16.8)	54.0 (15.8)				
	-10 (-23.3)	65.5 (19.2)	62.3 (18.2)	59.1 (17.3)	55.9 (16.4)	52.7 (15.4)	49.7 (14.6)	46.5 (13.6)				
	-15 (-26.1)	56.7 (16.6)	53.8 (15.8)	50.9 (14.9)	48.1 (14.1)	45.3 (13.3)	42.4 (12.4)	39.7 (11.6)				
	-20 (-28.9)	48.5 (14.2)	45.9 (13.4)	43.4 (12.7)	40.8 (12)	38.3 (11.2)	35.8 (10.5)	33.4 (9.8)				
	-25 (-31.7)	41.1 (12)	38.6 (11.3)	36.4 (10.7)	34.1 (10)	31.8 (9.3)	29.6 (8.7)	27.5 (8.1)				
	-30 (-34.4)	34.1 (10)	32.0 (9.4)	29.9 (8.8)	27.9 (8.2)	25.9 (7.6)	23.9 (7)	22.1 (6.5)				
	-35 (-37.2)	27.7 (8.1)	25.8 (7.6)	23.9 (7)	22.2 (6.5)	20.4 (6)	18.6 (5.4)	16.9 (5)				
	-40 (-40)	21.7 (6.4)	20.1 (5.9)	18.5 (5.4)	16.8 (4.9)	15.2 (4.5)	13.7 (4)	12.1 (3.5)				
TVS016L8-B Compressor Model 4HE-18	0 (-17.8)	118.3 (34.7)	113.1 (33.1)	107.9 (31.6)	102.8 (30.1)	97.7 (28.6)	92.6 (27.1)	87.7 (25.7)				
	-5 (-20.6)	104.0 (30.5)	99.2 (29.1)	94.5 (27.7)	89.9 (26.3)	85.3 (25)	80.7 (23.7)	76.3 (22.4)				
	-10 (-23.3)	90.6 (26.6)	86.4 (25.3)	82.1 (24.1)	78.0 (22.9)	73.8 (21.6)	69.8 (20.5)	65.8 (19.3)				
	-15 (-26.1)	78.2 (22.9)	74.4 (21.8)	70.7 (20.7)	67.0 (19.6)	63.3 (18.6)	59.6 (17.5)	56.1 (16.4)				
	-20 (-28.9)	66.8 (19.6)	63.4 (18.6)	60.1 (17.6)	56.7 (16.6)	53.4 (15.7)	50.2 (14.7)	47.1 (13.8)				
	-25 (-31.7)	56.2 (16.5)	53.1 (15.6)	50.2 (14.7)	47.3 (13.8)	44.3 (13)	41.5 (12.2)	38.7 (11.4)				
	-30 (-34.4)	46.2 (13.5)	43.6 (12.8)	41.0 (12)	38.3 (11.2)	35.8 (10.5)	33.3 (9.8)	30.9 (9)				
	-35 (-37.2)	37.0 (10.8)	34.7 (10.2)	32.3 (9.5)	30.0 (8.8)	27.7 (8.1)	25.5 (7.5)	23.4 (6.9)				
	-40 (-40)	28.2 (8.3)	26.3 (7.7)	24.2 (7.1)	22.2 (6.5)	20.2 (5.9)	18.3 (5.4)	16.4 (4.8)				
TVS021L8-B Compressor Model 4GE-23	0 (-17.8)	137.2 (40.2)	131.5 (38.5)	125.7 (36.8)	120.0 (35.2)	114.5 (33.5)	108.9 (31.9)	103.4 (30.3)				
	-5 (-20.6)	121.2 (35.5)	115.9 (34)	110.8 (32.5)	105.6 (31)	100.6 (29.5)	95.7 (28)	90.7 (26.6)				
	-10 (-23.3)	106.2 (31.1)	101.5 (29.8)	96.9 (28.4)	92.3 (27)	87.8 (25.7)	83.4 (24.4)	79.0 (23.1)				
	-15 (-26.1)	92.3 (27)	88.1 (25.8)	84.0 (24.6)	79.9 (23.4)	75.9 (22.2)	71.9 (21.1)	68.0 (19.9)				
	-20 (-28.9)	79.4 (23.3)	75.6 (22.2)	72.0 (21.1)	68.4 (20)	64.8 (19)	61.3 (18)	57.9 (17)				
	-25 (-31.7)	67.3 (19.7)	64.1 (18.8)	60.8 (17.8)	57.6 (16.9)	54.5 (16)	51.3 (15)	48.4 (14.2)				
	-30 (-34.4)	56.1 (16.4)	53.1 (15.6)	50.3 (14.7)	47.5 (13.9)	44.7 (13.1)	42.0 (12.3)	39.4 (11.5)				
	-35 (-37.2)	45.5 (13.3)	42.9 (12.6)	40.4 (11.8)	38.0 (11.1)	35.6 (10.4)	33.2 (9.7)	31.0 (9.1)				
	-40 (-40)	35.6 (10.4)	33.3 (9.8)	31.2 (9.1)	29.0 (8.5)	26.9 (7.9)	24.8 (7.3)	22.8 (6.7)				
TVS026L8-B Compressor Model 6HE-28	0 (-17.8)	171.6 (50.3)	163.9 (48)	156.2 (45.8)	148.7 (43.6)	141.2 (41.4)	133.9 (39.2)	126.6 (37.1)				
	-5 (-20.6)	151.1 (44.3)	144.1 (42.2)	137.2 (40.2)	130.4 (38.2)	123.7 (36.2)	117.1 (34.3)	110.6 (32.4)				
	-10 (-23.3)	132.0 (38.7)	125.7 (36.8)	119.5 (35)	113.4 (33.2)	107.3 (31.4)	101.4 (29.7)	95.6 (28)				
	-15 (-26.1)	114.1 (33.4)	108.6 (31.8)	103.0 (30.2)	97.5 (28.6)	92.1 (27)	86.8 (25.4)	81.6 (23.9)				
	-20 (-28.9)	97.7 (28.6)	92.6 (27.1)	87.7 (25.7)	82.7 (24.2)	78.0 (22.9)	73.3 (21.5)	68.7 (20.1)				
	-25 (-31.7)	82.2 (24.1)	77.7 (22.8)	73.4 (21.5)	69.0 (20.2)	64.8 (19)	60.6 (17.8)	56.5 (16.6)				
	-30 (-34.4)	67.8 (19.9)	63.8 (18.7)	60.0 (17.6)	56.2 (16.5)	52.4 (15.4)	48.7 (14.3)	45.2 (13.2)				
	-35 (-37.2)	54.3 (15.9)	50.8 (14.9)	47.4 (13.9)	44.0 (12.9)	40.6 (11.9)	37.5 (11)	34.3 (10.1)				
	-40 (-40)	41.6 (12.2)	38.4 (11.3)	35.5 (10.4)	32.4 (9.5)	29.5 (8.6)	26.7 (7.8)	23.9 (7)				
TVS031L8-B Compressor Model 6GE-34	0 (-17.8)	193.3 (56.7)	184.6 (54.1)	176.1 (51.6)	167.6 (49.1)	159.2 (46.7)	150.9 (44.2)	142.8 (41.9)				
	-5 (-20.6)	170.5 (50)	162.8 (47.7)	155.0 (45.4)	147.3 (43.2)	139.8 (41)	132.3 (38.8)	125.0 (36.6)				
	-10 (-23.3)	149.3 (43.8)	142.3 (41.7)	135.2 (39.6)	128.3 (37.6)	121.6 (35.6)	114.9 (33.7)	108.4 (31.8)				
	-15 (-26.1)	129.5 (37.9)	123.2 (36.1)	116.9 (34.2)	110.7 (32.4)	104.6 (30.6)	98.7 (28.9)	92.8 (27.2)				
	-20 (-28.9)	110.9 (32.5)	105.3 (30.9)	99.8 (29.2)	94.2 (27.6)	88.8 (26)	83.5 (24.5)	78.3 (23)				
	-25 (-31.7)	93.6 (27.4)	88.6 (26)	83.7 (24.5)	78.8 (23.1)	74.0 (21.7)	69.3 (20.3)	64.8 (19)				
	-30 (-34.4)	77.4 (22.7)	73.0 (21.4)	68.6 (20.1)	64.3 (18.8)	60.1 (17.6)	56.0 (16.4)	51.9 (15.2)				
	-35 (-37.2)	62.2 (18.2)	58.2 (17)	54.4 (15.9)	50.5 (14.8)	46.8 (13.7)	43.3 (12.7)	39.7 (11.6)				
	-40 (-40)	47.8 (14)	44.3 (13)	40.8 (12)	37.5 (11)	34.2 (10)	31.1 (9.1)	28.0 (8.2)				
TVS041L8-B Compressor Model 6FE-44	0 (-17.8)	235.9 (69.1)	225.5 (66.1)	215.4 (63.1)	205.3 (60.2)	195.2 (57.2)	185.3 (54.3)	175.7 (51.5)				
	-5 (-20.6)	208.2 (61)	198.9 (58.3)	189.6 (55.6)	180.5 (52.9)	171.5 (50.3)	162.5 (47.6)	153.8 (45.1)				
	-10 (-23.3)	182.3 (53.4)	174.0 (51)	165.7 (48.6)	157.5 (46.2)	149.3 (43.8)	141.4 (41.5)	133.6 (39.1)				
	-15 (-26.1)	158.2 (46.4)	150.8 (44.2)	143.3 (42)	136.0 (39.9)	128.7 (37.7)	121.7 (35.7)	114.8 (33.6)				
	-20 (-28.9)	135.8 (39.8)	129.0 (37.8)	122.5 (35.9)	116.0 (34)	109.5 (32.1)	103.3 (30.3)	97.1 (28.5)				
	-25 (-31.7)	114.8 (33.6)	108.9 (31.9)	103.0 (30.2)	97.2 (28.5)	91.6 (26.8)	86.0 (25.2)	80.6 (23.6)				
	-30 (-34.4)	95.2 (27.9)	90.0 (26.4)	84.7 (24.8)	79.7 (23.4)	74.8 (21.9)	69.8 (20.5)	65.1 (19.1)				
	-35 (-37.2)	76.8 (22.5)	72.1 (21.1)	67.6 (19.8)	63.1 (18.5)	58.7 (17.2)	54.5 (16)	50.3 (14.7)				
	-40 (-40)	59.4 (17.4)	55.3 (16.2)	51.3 (15)	47.4 (13.9)	43.5 (12.7)	39.8 (11.7)	36.1 (10.6)				

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

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

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW)				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)		
TVS013D8-B	0 (-17.8)	83.6 (24.5)	79.7 (23.4)	75.8 (22.2)	71.9 (21.1)	68.1 (20)	64.3 (18.8)	60.5 (17.7)			
	-5 (-20.6)	73.6 (21.6)	70.1 (20.5)	66.5 (19.5)	63.1 (18.5)	59.6 (17.5)	56.2 (16.5)	52.8 (15.5)			
	-10 (-23.3)	64.3 (18.8)	61.1 (17.9)	57.9 (17)	54.8 (16.1)	51.7 (15.2)	48.6 (14.2)	45.6 (13.4)			
	-15 (-26.1)	55.7 (16.3)	52.8 (15.5)	50.0 (14.7)	47.2 (13.8)	44.4 (13)	41.6 (12.2)	38.9 (11.4)			
	Compressor Model	-20 (-28.9)	47.7 (14)	45.2 (13.2)	42.6 (12.5)	40.1 (11.8)	37.6 (11)	35.1 (10.3)	32.7 (9.6)		
	4NES-14	-25 (-31.7)	40.4 (11.8)	38.1 (11.2)	35.8 (10.5)	33.5 (9.8)	31.3 (9.2)	29.1 (8.5)	27.0 (7.9)		
	-30 (-34.4)	33.6 (9.8)	31.5 (9.2)	29.5 (8.6)	27.5 (8.1)	25.5 (7.5)	23.6 (6.9)	21.7 (6.4)			
	-35 (-37.2)	27.3 (8)	25.5 (7.5)	23.6 (6.9)	21.8 (6.4)	20.1 (5.9)	18.3 (5.4)	16.6 (4.9)			
TVS016D8-B	-40 (-40)	21.5 (6.3)	19.8 (5.8)	18.2 (5.3)	16.5 (4.8)	15.0 (4.4)	13.4 (3.9)	11.9 (3.5)			
	0 (-17.8)	116.8 (34.2)	111.6 (32.7)	106.4 (31.2)	101.3 (29.7)	96.3 (28.2)	91.3 (26.8)	86.4 (25.3)			
	-5 (-20.6)	102.7 (30.1)	98.0 (28.7)	93.3 (27.3)	88.7 (26)	84.2 (24.7)	79.7 (23.4)	75.2 (22)			
	-10 (-23.3)	89.6 (26.3)	85.3 (25)	81.2 (23.8)	77.0 (22.6)	72.9 (21.4)	68.9 (20.2)	65.0 (19)			
	-15 (-26.1)	77.4 (22.7)	73.6 (21.6)	69.9 (20.5)	66.2 (19.4)	62.5 (18.3)	58.9 (17.3)	55.4 (16.2)			
	Compressor Model	-20 (-28.9)	66.1 (19.4)	62.7 (18.4)	59.4 (17.4)	56.1 (16.4)	52.9 (15.5)	49.7 (14.6)	46.5 (13.6)		
	4HE-18	-25 (-31.7)	55.6 (16.3)	52.6 (15.4)	49.6 (14.5)	46.7 (13.7)	43.8 (12.8)	41.0 (12)	38.3 (11.2)		
	-30 (-34.4)	45.8 (13.4)	43.1 (12.6)	40.5 (11.9)	37.9 (11.1)	35.4 (10.4)	32.9 (9.6)	30.5 (8.9)			
TVS021D8-B	-35 (-37.2)	36.6 (10.7)	34.3 (10.1)	32.0 (9.4)	29.7 (8.7)	27.5 (8.1)	25.3 (7.4)	23.2 (6.8)			
	-40 (-40)	28.0 (8.2)	26.0 (7.6)	23.9 (7)	21.9 (6.4)	19.9 (5.8)	18.0 (5.3)	16.2 (4.7)			
	0 (-17.8)	135.2 (39.6)	129.5 (38)	123.8 (36.3)	118.2 (34.6)	112.6 (33)	107.2 (31.4)	101.8 (29.8)			
	-5 (-20.6)	119.5 (35)	114.3 (33.5)	109.2 (32)	104.2 (30.5)	99.2 (29.1)	94.2 (27.6)	89.4 (26.2)			
	-10 (-23.3)	104.8 (30.7)	100.2 (29.4)	95.6 (28)	91.1 (26.7)	86.6 (25.4)	82.2 (24.1)	77.9 (22.8)			
	-15 (-26.1)	91.2 (26.7)	87.1 (25.5)	83.0 (24.3)	78.9 (23.1)	74.9 (22)	71.0 (20.8)	67.2 (19.7)			
	Compressor Model	-20 (-28.9)	78.5 (23)	74.8 (21.9)	71.2 (20.9)	67.6 (19.8)	64.0 (18.8)	60.6 (17.8)	57.2 (16.8)		
	4GE-23	-25 (-31.7)	66.6 (19.5)	63.4 (18.6)	60.1 (17.6)	57.0 (16.7)	53.9 (15.8)	50.8 (14.9)	47.8 (14)		
TVS026D8-B	-30 (-34.4)	55.5 (16.3)	52.6 (15.4)	49.8 (14.6)	47.0 (13.8)	44.3 (13)	41.6 (12.2)	39.0 (11.4)			
	-35 (-37.2)	45.1 (13.2)	42.6 (12.5)	40.1 (11.8)	37.6 (11)	35.2 (10.3)	32.9 (9.6)	30.6 (9)			
	-40 (-40)	35.2 (10.3)	33.0 (9.7)	30.8 (9)	28.7 (8.4)	26.6 (7.8)	24.5 (7.2)	22.6 (6.6)			
	0 (-17.8)	168.0 (49.2)	160.4 (47)	152.9 (44.8)	145.5 (42.6)	138.1 (40.5)	130.9 (38.4)	123.8 (36.3)			
	-5 (-20.6)	148.1 (43.4)	141.3 (41.4)	134.5 (39.4)	127.7 (37.4)	121.1 (35.5)	114.6 (33.6)	108.2 (31.7)			
	-10 (-23.3)	129.6 (38)	123.4 (36.2)	117.3 (34.4)	111.2 (32.6)	105.3 (30.9)	99.4 (29.1)	93.6 (27.4)			
	-15 (-26.1)	112.2 (32.9)	106.7 (31.3)	101.2 (29.7)	95.8 (28.1)	90.5 (26.5)	85.2 (25)	80.1 (23.5)			
	Compressor Model	-20 (-28.9)	96.1 (28.2)	91.1 (26.7)	86.2 (25.3)	81.4 (23.9)	76.7 (22.5)	72.0 (21.1)	67.5 (19.8)		
TVS031D8-B	6HE-28	-25 (-31.7)	81.0 (23.7)	76.6 (22.4)	72.2 (21.2)	67.9 (19.9)	63.7 (18.7)	59.6 (17.5)	55.6 (16.3)		
	-30 (-34.4)	66.8 (19.6)	62.9 (18.4)	59.1 (17.3)	55.3 (16.2)	51.6 (15.1)	47.9 (14)	44.4 (13)			
	-35 (-37.2)	53.5 (15.7)	50.1 (14.7)	46.7 (13.7)	43.3 (12.7)	40.1 (11.8)	36.9 (10.8)	33.8 (9.9)			
	-40 (-40)	41.0 (12)	37.9 (11.1)	34.9 (10.2)	32.0 (9.4)	29.1 (8.5)	26.3 (7.7)	23.6 (6.9)			
	0 (-17.8)	188.7 (55.3)	180.2 (52.8)	171.8 (50.3)	163.5 (47.9)	155.2 (45.5)	147.1 (43.1)	139.2 (40.8)			
	-5 (-20.6)	166.8 (48.9)	159.1 (46.6)	151.5 (44.4)	143.9 (42.2)	136.5 (40)	129.2 (37.9)	122.0 (35.8)			
	-10 (-23.3)	146.3 (42.9)	139.3 (40.8)	132.4 (38.8)	125.6 (36.8)	119.0 (34.9)	112.4 (32.9)	105.9 (31)			
	-15 (-26.1)	127.0 (37.2)	120.8 (35.4)	114.6 (33.6)	108.5 (31.8)	102.5 (30)	96.7 (28.3)	90.9 (26.6)			
TVS031D8-B	Compressor Model	-20 (-28.9)	109.0 (31.9)	103.4 (30.3)	97.9 (28.7)	92.5 (27.1)	87.1 (25.5)	81.9 (24)	76.8 (22.5)		
	6GE-34	-25 (-31.7)	92.1 (27)	87.1 (25.5)	82.2 (24.1)	77.4 (22.7)	72.7 (21.3)	68.1 (20)	63.6 (18.6)		
	-30 (-34.4)	76.2 (22.3)	71.8 (21)	67.4 (19.8)	63.2 (18.5)	59.0 (17.3)	55.0 (16.1)	51.0 (14.9)			
	-35 (-37.2)	61.2 (17.9)	57.3 (16.8)	53.5 (15.7)	49.7 (14.6)	46.1 (13.5)	42.5 (12.5)	39.0 (11.4)			
	-40 (-40)	47.0 (13.8)	43.6 (12.8)	40.2 (11.8)	36.9 (10.8)	33.7 (9.9)	30.5 (8.9)	27.5 (8.1)			

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

CAPACITY DATA - R448A R449A
HIGH TEMP. HIGH EFFICIENCY MODELS

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °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)	
TVS016H8-B Compressor 4PES-15	45 (7.2)	218.3 (64)	209.8 (61.5)	201.2 (59)	192.7 (56.5)	184.2 (54)	175.8 (51.5)	---	---
	40 (4.4)	198.1 (58.1)	190.2 (55.7)	182.3 (53.4)	174.4 (51.1)	166.5 (48.8)	158.8 (46.5)	150.9 (44.2)	(44.2)
	35 (1.7)	179.2 (52.5)	171.9 (50.4)	164.6 (48.3)	157.3 (46.1)	150.0 (44)	142.9 (41.9)	135.7 (39.8)	(39.8)
TVS021H8-B Compressor 4NES-20	45 (7.2)	257.6 (75.5)	247.8 (72.6)	238.0 (69.8)	228.3 (66.9)	218.6 (64.1)	---	---	---
	40 (4.4)	234.2 (68.6)	225.1 (66)	216.1 (63.3)	207.1 (60.7)	198.1 (58.1)	189.2 (55.5)	180.3 (52.8)	(52.8)
	35 (1.7)	212.1 (62.2)	203.8 (59.7)	195.5 (57.3)	187.3 (54.9)	179.0 (52.5)	170.8 (50.1)	162.6 (47.7)	(47.7)
TVS026H8-B Compressor 4HE-25	45 (7.2)	332.7 (97.5)	320.5 (93.9)	308.2 (90.3)	295.8 (86.7)	283.3 (83)	---	---	---
	40 (4.4)	303.7 (89)	292.3 (85.7)	281.0 (82.3)	269.4 (79)	258.0 (75.6)	246.3 (72.2)	234.8 (68.8)	(68.8)
	35 (1.7)	276.4 (81)	265.9 (77.9)	255.4 (74.8)	244.9 (71.8)	234.2 (68.6)	223.5 (65.5)	212.8 (62.4)	(62.4)
TVS031H8-B Compressor 4GE-30	45 (7.2)	382.5 (112.1)	368.1 (107.9)	353.7 (103.7)	339.3 (99.4)	324.6 (95.1)	309.9 (90.8)	---	---
	40 (4.4)	349.1 (102.3)	336.0 (98.5)	322.7 (94.6)	309.2 (90.6)	295.8 (86.7)	282.2 (82.7)	268.6 (78.7)	(78.7)
	35 (1.7)	317.8 (93.1)	305.7 (89.6)	293.5 (86)	281.2 (82.4)	268.8 (78.8)	256.3 (75.1)	243.7 (71.4)	(71.4)
TVS036H8-B Compressor 6HE-35	45 (7.2)	490.9 (143.9)	472.9 (138.6)	455.0 (133.3)	437.0 (128.1)	419.0 (122.8)	400.8 (117.5)	---	---
	40 (4.4)	447.8 (131.2)	431.3 (126.4)	414.8 (121.6)	398.1 (116.7)	381.4 (111.8)	364.6 (106.8)	347.8 (101.9)	(101.9)
	35 (1.7)	407.4 (119.4)	392.2 (114.9)	376.8 (110.4)	361.5 (105.9)	346.2 (101.5)	330.6 (96.9)	315.1 (92.3)	(92.3)
TVS041H8-B Compressor 6GE-40	45 (7.2)	556.4 (163.1)	535.4 (156.9)	514.4 (150.8)	493.3 (144.6)	472.2 (138.4)	450.9 (132.1)	---	---
	40 (4.4)	508.3 (149)	489.0 (143.3)	469.7 (137.6)	450.2 (132)	430.7 (126.2)	411.2 (120.5)	391.4 (114.7)	(114.7)
	35 (1.7)	462.9 (135.7)	445.3 (130.5)	427.6 (125.3)	409.7 (120.1)	391.9 (114.8)	373.9 (109.6)	355.7 (104.3)	(104.3)
TVS051H8-B Compressor 6FE-50	45 (7.2)	654.9 (191.9)	629.7 (184.5)	604.3 (177.1)	578.8 (169.6)	553.1 (162.1)	527.4 (154.6)	---	---
	40 (4.4)	600.2 (175.9)	577.0 (169.1)	553.6 (162.2)	530.0 (155.3)	506.4 (148.4)	482.7 (141.5)	458.9 (134.5)	(134.5)
	35 (1.7)	548.3 (160.7)	527.0 (154.4)	505.6 (148.2)	484.1 (141.9)	462.3 (135.5)	440.6 (129.1)	418.6 (122.7)	(122.7)

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

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

CAPACITY DATA - R448A R449A
LOW TEMP. HIGH EFFICIENCY MODELS

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

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

TVS-B
BITZER

CAPACITY DATA - R448A R449A

60Hz

LOW TEMPERATURE MODELS

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

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE	CAPACITY MBH (KW)				R448A		R449A		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)	115 (46.1)	115 (46.1)	115 (46.1)	115 (46.1)
TVS013D8-B	0 (-17.8)	86.8 (25.4)	82.8 (24.3)	78.7 (23.1)	74.6 (21.9)	70.4 (20.6)	66.3 (19.4)	62.2 (18.2)	62.2 (18.2)	62.2 (18.2)	62.2 (18.2)	62.2 (18.2)
	-5 (-20.6)	76.7 (22.5)	73.0 (21.4)	69.3 (20.3)	65.6 (19.2)	61.9 (18.1)	58.2 (17.1)	54.5 (16)	54.5 (16)	54.5 (16)	54.5 (16)	54.5 (16)
	-10 (-23.3)	67.3 (19.7)	64.0 (18.8)	60.6 (17.8)	57.3 (16.8)	54.0 (15.8)	50.7 (14.9)	47.3 (13.9)	47.3 (13.9)	47.3 (13.9)	47.3 (13.9)	47.3 (13.9)
	-15 (-26.1)	58.6 (17.2)	55.7 (16.3)	52.7 (15.4)	49.7 (14.6)	46.7 (13.7)	43.8 (12.8)	40.8 (12)	40.8 (12)	40.8 (12)	40.8 (12)	40.8 (12)
	Compressor Model	-20 (-28.9)	50.7 (14.9)	48.0 (14.1)	45.4 (13.3)	42.7 (12.5)	40.0 (11.7)	37.4 (11)	34.7 (10.2)	34.7 (10.2)	34.7 (10.2)	34.7 (10.2)
	4NES-14	-25 (-31.7)	43.4 (12.7)	41.0 (12)	38.6 (11.3)	36.3 (10.6)	33.9 (9.9)	31.5 (9.2)	29.2 (8.6)	29.2 (8.6)	29.2 (8.6)	29.2 (8.6)
	-30 (-34.4)	36.7 (10.8)	34.6 (10.1)	32.5 (9.5)	30.4 (8.9)	28.2 (8.3)	26.1 (7.6)	24.0 (7)	24.0 (7)	24.0 (7)	24.0 (7)	24.0 (7)
	-35 (-37.2)	30.7 (9)	28.7 (8.4)	26.8 (7.9)	24.9 (7.3)	23.0 (6.7)	21.2 (6.2)	19.3 (5.7)	19.3 (5.7)	19.3 (5.7)	19.3 (5.7)	19.3 (5.7)
TVS016D8-B	-40 (-40)	25.1 (7.4)	23.4 (6.9)	21.7 (6.4)	19.9 (5.8)	18.2 (5.3)	16.5 (4.8)	14.9 (4.4)	14.9 (4.4)	14.9 (4.4)	14.9 (4.4)	14.9 (4.4)
	0 (-17.8)	125.1 (36.7)	119.9 (35.1)	114.7 (33.6)	109.4 (32.1)	104.2 (30.5)	99.0 (29)	93.7 (27.5)	93.7 (27.5)	93.7 (27.5)	93.7 (27.5)	93.7 (27.5)
	-5 (-20.6)	110.9 (32.5)	106.2 (31.1)	101.5 (29.7)	96.7 (28.3)	92.0 (27)	87.3 (25.6)	82.6 (24.2)	82.6 (24.2)	82.6 (24.2)	82.6 (24.2)	82.6 (24.2)
	-10 (-23.3)	97.7 (28.6)	93.5 (27.4)	89.2 (26.1)	85.0 (24.9)	80.8 (23.7)	76.5 (22.4)	72.3 (21.2)	72.3 (21.2)	72.3 (21.2)	72.3 (21.2)	72.3 (21.2)
	Compressor Model	-15 (-26.1)	85.5 (25.1)	81.7 (23.9)	77.9 (22.8)	74.1 (21.7)	70.3 (20.6)	66.5 (19.5)	62.8 (18.4)	62.8 (18.4)	62.8 (18.4)	62.8 (18.4)
	4HE-18	-20 (-28.9)	74.2 (21.7)	70.9 (20.8)	67.5 (19.8)	64.1 (18.8)	60.7 (17.8)	57.3 (16.8)	53.9 (15.8)	53.9 (15.8)	53.9 (15.8)	53.9 (15.8)
	-30 (-34.4)	54.4 (15.9)	51.7 (15.2)	49.0 (14.4)	46.2 (13.5)	43.5 (12.7)	40.9 (12)	38.2 (11.2)	38.2 (11.2)	38.2 (11.2)	38.2 (11.2)	38.2 (11.2)
	-35 (-37.2)	45.6 (13.4)	43.2 (12.7)	40.7 (11.9)	38.3 (11.2)	35.9 (10.5)	33.5 (9.8)	31.1 (9.1)	31.1 (9.1)	31.1 (9.1)	31.1 (9.1)	31.1 (9.1)
TVS021D8-B	-40 (-40)	37.5 (11)	35.3 (10.3)	33.1 (9.7)	30.9 (9.1)	28.7 (8.4)	26.6 (7.8)	24.5 (7.2)	24.5 (7.2)	24.5 (7.2)	24.5 (7.2)	24.5 (7.2)
	0 (-17.8)	143.1 (41.9)	137.2 (40.2)	131.4 (38.5)	125.5 (36.8)	119.6 (35.1)	113.7 (33.3)	107.8 (31.6)	107.8 (31.6)	107.8 (31.6)	107.8 (31.6)	107.8 (31.6)
	-5 (-20.6)	127.3 (37.3)	122.1 (35.8)	116.8 (34.2)	111.5 (32.7)	106.2 (31.1)	101.0 (29.6)	95.7 (28)	95.7 (28)	95.7 (28)	95.7 (28)	95.7 (28)
	-10 (-23.3)	112.6 (33)	107.9 (31.6)	103.2 (30.2)	98.5 (28.9)	93.8 (27.5)	89.1 (26.1)	84.5 (24.8)	84.5 (24.8)	84.5 (24.8)	84.5 (24.8)	84.5 (24.8)
	Compressor Model	-15 (-26.1)	99.0 (29)	94.8 (27.8)	90.7 (26.6)	86.5 (25.4)	82.3 (24.1)	78.1 (22.9)	74.0 (21.7)	74.0 (21.7)	74.0 (21.7)	74.0 (21.7)
	4GE-23	-20 (-28.9)	86.4 (25.3)	82.7 (24.2)	79.0 (23.2)	75.3 (22.1)	71.6 (21)	67.9 (19.9)	64.3 (18.8)	64.3 (18.8)	64.3 (18.8)	64.3 (18.8)
	-30 (-34.4)	74.7 (21.9)	71.5 (21)	68.2 (20)	64.9 (19)	61.7 (18.1)	58.4 (17.1)	55.2 (16.2)	55.2 (16.2)	55.2 (16.2)	55.2 (16.2)	55.2 (16.2)
	-35 (-37.2)	54.1 (15.9)	51.5 (15.1)	48.9 (14.3)	46.3 (13.6)	43.8 (12.8)	41.3 (12.1)	38.9 (11.4)	38.9 (11.4)	38.9 (11.4)	38.9 (11.4)	38.9 (11.4)
TVS026D8-B	-40 (-40)	44.9 (13.2)	42.6 (12.5)	40.3 (11.8)	38.0 (11.1)	35.7 (10.5)	33.5 (9.8)	31.4 (9.2)	31.4 (9.2)	31.4 (9.2)	31.4 (9.2)	31.4 (9.2)
	0 (-17.8)	177.0 (51.9)	169.5 (49.7)	162.0 (47.5)	154.5 (45.3)	146.9 (43.1)	139.4 (40.9)	131.8 (38.6)	131.8 (38.6)	131.8 (38.6)	131.8 (38.6)	131.8 (38.6)
	-5 (-20.6)	157.3 (46.1)	150.6 (44.1)	143.8 (42.1)	137.0 (40.2)	130.1 (38.1)	123.3 (36.1)	116.4 (34.1)	116.4 (34.1)	116.4 (34.1)	116.4 (34.1)	116.4 (34.1)
	-10 (-23.3)	139.1 (40.8)	132.9 (38.9)	126.8 (37.2)	120.6 (35.3)	114.5 (33.6)	108.3 (31.7)	102.0 (29.9)	102.0 (29.9)	102.0 (29.9)	102.0 (29.9)	102.0 (29.9)
	Compressor Model	-15 (-26.1)	122.1 (35.8)	116.6 (34.2)	111.0 (32.5)	105.5 (30.9)	99.9 (29.3)	94.3 (27.6)	88.7 (26)	88.7 (26)	88.7 (26)	88.7 (26)
	6HE-28	-20 (-28.9)	106.3 (31.2)	101.4 (29.7)	96.4 (28.3)	91.4 (26.8)	86.4 (25.3)	81.4 (23.9)	76.3 (22.4)	76.3 (22.4)	76.3 (22.4)	76.3 (22.4)
	-30 (-34.4)	91.8 (26.9)	87.3 (25.6)	82.8 (24.3)	78.3 (22.9)	73.8 (21.6)	69.3 (20.3)	64.7 (19)	64.7 (19)	64.7 (19)	64.7 (19)	64.7 (19)
	-35 (-37.2)	65.9 (19.3)	62.3 (18.3)	58.6 (17.2)	55.0 (16.1)	51.3 (15)	47.6 (14)	43.8 (12.8)	43.8 (12.8)	43.8 (12.8)	43.8 (12.8)	43.8 (12.8)
TVS031D8-B	-40 (-40)	54.4 (15.9)	51.1 (15)	47.8 (14)	44.4 (13)	41.1 (12)	37.7 (11)	34.3 (10.1)	34.3 (10.1)	34.3 (10.1)	34.3 (10.1)	34.3 (10.1)
	0 (-17.8)	205.1 (60.1)	196.9 (57.7)	188.7 (55.3)	180.4 (52.9)	171.9 (50.4)	163.4 (47.9)	154.8 (45.4)	154.8 (45.4)	154.8 (45.4)	154.8 (45.4)	154.8 (45.4)
	-5 (-20.6)	183.6 (53.8)	176.3 (51.7)	168.9 (49.5)	161.4 (47.3)	153.8 (45.1)	146.1 (42.8)	138.3 (40.5)	138.3 (40.5)	138.3 (40.5)	138.3 (40.5)	138.3 (40.5)
	-10 (-23.3)	163.5 (47.9)	157.0 (46)	150.3 (44)	143.6 (42.1)	136.8 (40.1)	129.9 (38.1)	122.8 (36)	122.8 (36)	122.8 (36)	122.8 (36)	122.8 (36)
	Compressor Model	-15 (-26.1)	144.7 (42.4)	138.8 (40.7)	132.9 (38.9)	126.9 (37.2)	120.8 (35.4)	114.6 (33.6)	108.2 (31.7)	108.2 (31.7)	108.2 (31.7)	108.2 (31.7)
	6GE-34	-20 (-28.9)	127.1 (37.2)	121.9 (35.7)	116.6 (34.2)	111.2 (32.6)	105.8 (31)	100.2 (29.4)	94.5 (27.7)	94.5 (27.7)	94.5 (27.7)	94.5 (27.7)
	-30 (-34.4)	95.6 (28)	91.4 (26.8)	87.1 (25.5)	82.8 (24.3)	78.4 (23)	73.9 (21.7)	69.2 (20.3)	69.2 (20.3)	69.2 (20.3)	69.2 (20.3)	69.2 (20.3)
	-35 (-37.2)	81.5 (23.9)	77.7 (22.8)	73.8 (21.6)	69.9 (20.5)	65.9 (19.3)	61.8 (18.1)	57.6 (16.9)	57.6 (16.9)	57.6 (16.9)	57.6 (16.9)	57.6 (16.9)
	-40 (-40)	68.4 (20)	64.9 (19)	61.4 (18)	57.8 (16.9)	54.1 (15.9)	50.3 (14.7)	46.4 (13.6)	46.4 (13.6)	46.4 (13.6)	46.4 (13.6)	46.4 (13.6)

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

CAPACITY DATA - R407C
HIGH TEMP. HIGH EFFICIENCY MODELS

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)
TVS016H8-B Compressor Model 4PES-15	55 (12.8)	247.5 (72.5)	238.5 (69.9)	229.3 (67.2)	220.2 (64.5)	211.1 (61.9)	201.8 (59.1)	192.6 (56.4)
	50 (10)	225.9 (66.2)	217.5 (63.7)	209.0 (61.2)	200.4 (58.7)	191.9 (56.3)	183.4 (53.8)	174.8 (51.2)
	45 (7.2)	205.4 (60.2)	197.6 (57.9)	189.8 (55.6)	182.1 (53.4)	174.2 (51.1)	166.3 (48.7)	158.3 (46.4)
	40 (4.4)	186.3 (54.6)	179.1 (52.5)	171.9 (50.4)	164.7 (48.3)	157.5 (46.2)	150.3 (44)	142.9 (41.9)
	35 (1.7)	168.3 (49.3)	161.8 (47.4)	155.2 (45.5)	148.6 (43.5)	142.0 (41.6)	135.3 (39.7)	128.6 (37.7)
TVS021H8-B Compressor Model 4NES-20	55 (12.8)	289.6 (84.9)	279.1 (81.8)	268.7 (78.7)	258.1 (75.6)	247.6 (72.6)	237.0 (69.5)	226.3 (66.3)
	50 (10)	264.4 (77.5)	254.7 (74.7)	245.0 (71.8)	235.3 (69)	225.4 (66.1)	215.7 (63.2)	205.8 (60.3)
	45 (7.2)	240.7 (70.5)	231.7 (67.9)	222.8 (65.3)	213.8 (62.7)	204.8 (60)	195.7 (57.4)	186.6 (54.7)
	40 (4.4)	218.4 (64)	210.2 (61.6)	202.0 (59.2)	193.7 (56.8)	185.4 (54.3)	177.0 (51.9)	168.7 (49.5)
	35 (1.7)	197.6 (57.9)	190.1 (55.7)	182.6 (53.5)	174.9 (51.3)	167.4 (49.1)	159.7 (46.8)	152.0 (44.6)
TVS026H8-B Compressor Model 4HE-25	55 (12.8)	381.8 (111.9)	368.4 (108)	355.0 (104)	341.6 (100.1)	328.1 (96.2)	314.6 (92.2)	301.0 (88.2)
	50 (10)	348.6 (102.2)	336.2 (98.5)	323.9 (94.9)	311.4 (91.3)	298.9 (87.6)	286.4 (83.9)	273.9 (80.3)
	45 (7.2)	317.3 (93)	306.0 (89.7)	294.5 (86.3)	283.1 (83)	271.6 (79.6)	260.1 (76.2)	248.5 (72.8)
	40 (4.4)	287.9 (84.4)	277.5 (81.3)	267.0 (78.3)	256.5 (75.2)	246.0 (72.1)	235.4 (69)	224.8 (65.9)
	35 (1.7)	260.4 (76.3)	250.8 (73.5)	241.3 (70.7)	231.6 (67.9)	222.0 (65.1)	212.3 (62.2)	202.7 (59.4)
TVS031H8-B Compressor Model 4GE-30	55 (12.8)	445.7 (130.6)	430.6 (126.2)	415.4 (121.7)	400.2 (117.3)	384.8 (112.8)	369.5 (108.3)	354.1 (103.8)
	50 (10)	407.4 (119.4)	393.4 (115.3)	379.5 (111.2)	365.4 (107.1)	351.2 (102.9)	337.1 (98.8)	322.8 (94.6)
	45 (7.2)	371.3 (108.8)	358.5 (105.1)	345.6 (101.3)	332.6 (97.5)	319.6 (93.7)	306.6 (89.9)	293.5 (86)
	40 (4.4)	337.4 (98.9)	325.6 (95.4)	313.7 (91.9)	302.0 (88.5)	290.0 (85)	278.0 (81.5)	266.1 (78)
	35 (1.7)	305.6 (89.5)	294.8 (86.4)	284.0 (83.2)	273.2 (80.1)	262.3 (76.9)	251.4 (73.7)	240.5 (70.5)
TVS036H8-B Compressor Model 6HE-35	55 (12.8)	557.3 (163.3)	538.1 (157.7)	518.6 (152)	499.0 (146.2)	479.1 (140.4)	459.2 (134.6)	439.1 (128.7)
	50 (10)	508.6 (149.1)	490.8 (143.8)	472.8 (138.6)	454.7 (133.2)	436.4 (127.9)	417.9 (122.5)	399.3 (117)
	45 (7.2)	462.8 (135.6)	446.5 (130.8)	429.9 (126)	413.2 (121.1)	396.4 (116.2)	379.4 (111.2)	362.3 (106.2)
	40 (4.4)	419.9 (123.1)	404.9 (118.7)	389.7 (114.2)	374.4 (109.7)	359.0 (105.2)	343.4 (100.6)	327.7 (96)
	35 (1.7)	379.8 (111.3)	366.0 (107.3)	352.3 (103.2)	338.2 (99.1)	324.1 (95)	310.0 (90.8)	295.6 (86.6)
TVS041H8-B Compressor Model 6GE-40	55 (12.8)	649.5 (190.4)	627.6 (183.9)	605.4 (177.4)	583.2 (170.9)	560.6 (164.3)	537.9 (157.6)	515.1 (151)
	50 (10)	593.4 (173.9)	573.1 (168)	552.7 (162)	532.1 (156)	511.4 (149.9)	490.5 (143.7)	469.4 (137.6)
	45 (7.2)	540.5 (158.4)	522.0 (153)	503.2 (147.5)	484.3 (141.9)	465.2 (136.3)	445.9 (130.7)	426.6 (125)
	40 (4.4)	491.0 (143.9)	474.0 (138.9)	456.9 (133.9)	439.5 (128.8)	422.1 (123.7)	404.5 (118.5)	386.8 (113.4)
	35 (1.7)	444.7 (130.3)	429.2 (125.8)	413.6 (121.2)	397.8 (116.6)	381.9 (111.9)	365.9 (107.2)	349.8 (102.5)
TVS051H8-B Compressor Model 6FE-50	55 (12.8)	747.3 (219)	721.1 (211.3)	694.8 (203.6)	668.2 (195.8)	641.6 (188)	614.7 (180.1)	587.6 (172.2)
	50 (10)	683.4 (200.3)	659.3 (193.2)	634.9 (186.1)	610.4 (178.9)	585.7 (171.6)	560.8 (164.4)	535.7 (157)
	45 (7.2)	623.2 (182.6)	600.9 (176.1)	578.6 (169.6)	555.9 (162.9)	533.1 (156.2)	510.2 (149.5)	487.1 (142.8)
	40 (4.4)	566.5 (166)	546.1 (160)	525.5 (154)	504.8 (148)	483.8 (141.8)	462.8 (135.6)	441.7 (129.5)
	35 (1.7)	513.3 (150.4)	494.8 (145)	476.0 (139.5)	457.0 (133.9)	437.9 (128.3)	418.6 (122.7)	399.3 (117)

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

CAPACITY DATA - R407C
MEDIUM TEMP. HIGH EFFICIENCY MODELS

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-B Compressor Model 4PES-15	30 (-1.1)	151.6 (44.4)	145.6 (42.7)	139.7 (40.9)	133.6 (39.1)	127.6 (37.4)	121.5 (35.6)	115.3 (33.8)		
	25 (-3.9)	136.0 (39.9)	130.6 (38.3)	125.2 (36.7)	119.6 (35)	114.1 (33.4)	108.6 (31.8)	103.0 (30.2)		
	20 (-6.7)	121.6 (35.6)	116.7 (34.2)	111.7 (32.7)	106.7 (31.3)	101.7 (29.8)	96.7 (28.3)	91.6 (26.8)		
	15 (-9.4)	108.2 (31.7)	103.7 (30.4)	99.2 (29.1)	94.7 (27.8)	90.2 (26.4)	85.7 (25.1)	81.1 (23.8)		
	10 (-12.2)	95.9 (28.1)	91.8 (26.9)	87.8 (25.7)	83.7 (24.5)	79.6 (23.3)	75.5 (22.1)	71.3 (20.9)		
TVS021M8-B Compressor Model 4NES-20	30 (-1.1)	178.2 (52.2)	171.4 (50.2)	164.4 (48.2)	157.5 (46.2)	150.6 (44.1)	143.6 (42.1)	136.6 (40)		
	25 (-3.9)	160.0 (46.9)	153.8 (45.1)	147.6 (43.3)	141.3 (41.4)	135.0 (39.6)	128.6 (37.7)	122.2 (35.8)		
	20 (-6.7)	143.3 (42)	137.7 (40.3)	132.0 (38.7)	126.3 (37)	120.5 (35.3)	114.8 (33.6)	109.0 (31.9)		
	15 (-9.4)	127.7 (37.4)	122.6 (35.9)	117.5 (34.4)	112.4 (32.9)	107.2 (31.4)	102.0 (29.9)	96.7 (28.3)		
	10 (-12.2)	113.3 (33.2)	108.8 (31.9)	104.2 (30.5)	99.4 (29.1)	94.8 (27.8)	90.1 (26.4)	85.4 (25)		
TVS026M8-B Compressor Model 4HE-25	30 (-1.1)	234.7 (68.8)	226.0 (66.2)	217.2 (63.7)	208.4 (61.1)	199.6 (58.5)	190.8 (55.9)	182.0 (53.3)		
	25 (-3.9)	210.7 (61.8)	202.8 (59.4)	194.9 (57.1)	186.8 (54.7)	178.8 (52.4)	170.8 (50.1)	162.8 (47.7)		
	20 (-6.7)	188.5 (55.2)	181.2 (53.1)	174.0 (51)	166.7 (48.9)	159.5 (46.7)	152.1 (44.6)	144.9 (42.5)		
	15 (-9.4)	167.8 (49.2)	161.3 (47.3)	154.7 (45.3)	148.1 (43.4)	141.4 (41.5)	134.9 (39.5)	128.3 (37.6)		
	10 (-12.2)	148.7 (43.6)	142.7 (41.8)	136.7 (40.1)	130.7 (38.3)	124.8 (36.6)	118.9 (34.8)	113.0 (33.1)		
TVS031M8-B Compressor Model 4GE-30	30 (-1.1)	275.8 (80.8)	266.1 (78)	256.2 (75.1)	246.3 (72.2)	236.5 (69.3)	226.6 (66.4)	216.6 (63.5)		
	25 (-3.9)	248.1 (72.7)	239.2 (70.1)	230.4 (67.5)	221.3 (64.9)	212.4 (62.3)	203.4 (59.6)	194.4 (57)		
	20 (-6.7)	222.4 (65.2)	214.3 (62.8)	206.2 (60.4)	198.1 (58.1)	189.9 (55.7)	181.9 (53.3)	173.7 (50.9)		
	15 (-9.4)	198.5 (58.2)	191.1 (56)	183.9 (53.9)	176.5 (51.7)	169.2 (49.6)	161.8 (47.4)	154.5 (45.3)		
	10 (-12.2)	176.3 (51.7)	169.7 (49.7)	163.1 (47.8)	156.5 (45.9)	149.8 (43.9)	143.2 (42)	136.5 (40)		
TVS036M8-B Compressor Model 6HE-35	30 (-1.1)	342.4 (100.3)	329.9 (96.7)	317.3 (93)	304.6 (89.3)	291.8 (85.5)	278.8 (81.7)	265.9 (77.9)		
	25 (-3.9)	307.7 (90.2)	296.3 (86.8)	285.0 (83.5)	273.4 (80.1)	261.8 (76.7)	250.0 (73.3)	238.2 (69.8)		
	20 (-6.7)	275.4 (80.7)	265.2 (77.7)	254.9 (74.7)	244.4 (71.6)	233.9 (68.6)	223.3 (65.5)	212.7 (62.3)		
	15 (-9.4)	245.6 (72)	236.4 (69.3)	227.1 (66.6)	217.7 (63.8)	208.2 (61)	198.8 (58.3)	189.2 (55.5)		
	10 (-12.2)	218.0 (63.9)	209.8 (61.5)	201.4 (59)	193.0 (56.6)	184.5 (54.1)	176.0 (51.6)	167.4 (49.1)		
TVS041M8-B Compressor Model 6GE-40	30 (-1.1)	401.5 (117.7)	387.6 (113.6)	373.4 (109.4)	359.0 (105.2)	344.6 (101)	330.0 (96.7)	315.4 (92.4)		
	25 (-3.9)	361.4 (105.9)	348.8 (102.2)	336.0 (98.5)	323.0 (94.7)	310.0 (90.8)	296.7 (87)	283.5 (83.1)		
	20 (-6.7)	324.2 (95)	312.8 (91.7)	301.2 (88.3)	289.6 (84.9)	277.8 (81.4)	266.0 (77.9)	254.1 (74.5)		
	15 (-9.4)	289.8 (84.9)	279.6 (81.9)	269.2 (78.9)	258.7 (75.8)	248.1 (72.7)	237.5 (69.6)	226.9 (66.5)		
	10 (-12.2)	258.0 (75.6)	248.9 (72.9)	239.5 (70.2)	230.2 (67.5)	220.7 (64.7)	211.3 (61.9)	201.7 (59.1)		
TVS051M8-B Compressor Model 6FE-50	30 (-1.1)	463.8 (135.9)	446.8 (130.9)	429.7 (125.9)	412.4 (120.9)	395.0 (115.8)	377.5 (110.6)	359.9 (105.5)		
	25 (-3.9)	417.5 (122.4)	402.2 (117.9)	386.6 (113.3)	371.0 (108.7)	355.1 (104.1)	339.3 (99.4)	323.4 (94.8)		
	20 (-6.7)	374.4 (109.7)	360.6 (105.7)	346.5 (101.5)	332.4 (97.4)	318.2 (93.2)	303.9 (89.1)	289.5 (84.8)		
	15 (-9.4)	334.5 (98)	322.0 (94.4)	309.4 (90.7)	296.6 (86.9)	283.8 (83.2)	271.0 (79.4)	258.1 (75.6)		
	10 (-12.2)	297.5 (87.2)	286.3 (83.9)	275.0 (80.6)	263.6 (77.2)	252.1 (73.9)	240.6 (70.5)	229.0 (67.1)		

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

CAPACITY DATA - R404A R507
HIGH TEMP. HIGH EFFICIENCY MODELS

60Hz

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-B Compressor Model 4PES-15	45 (7.2)	219.7 (64.4)	210.3 (61.6)	200.9 (58.9)	191.6 (56.2)	182.4 (53.5)	173.2 (50.8)	164.1 (48.1)			
	40 (4.4)	201.3 (59)	192.5 (56.4)	183.8 (53.9)	175.1 (51.3)	166.5 (48.8)	157.9 (46.3)	149.5 (43.8)			
	35 (1.7)	183.8 (53.9)	175.6 (51.5)	167.5 (49.1)	159.5 (46.7)	151.5 (44.4)	143.6 (42.1)	135.7 (39.8)			
TVS021H8-B Compressor Model 4NES-20	45 (7.2)	258.5 (75.8)	247.7 (72.6)	236.9 (69.4)	226.2 (66.3)	215.6 (63.2)	205.0 (60.1)	194.5 (57)			
	40 (4.4)	237.1 (69.5)	227.0 (66.5)	217.0 (63.6)	207.1 (60.7)	197.2 (57.8)	187.3 (54.9)	177.5 (52)			
	35 (1.7)	216.8 (63.5)	207.5 (60.8)	198.2 (58.1)	189.0 (55.4)	179.8 (52.7)	170.7 (50)	161.6 (47.4)			
TVS026H8-B Compressor Model 4HE-25	45 (7.2)	333.3 (97.7)	319.7 (93.7)	306.0 (89.7)	292.4 (85.7)	278.7 (81.7)	265.1 (77.7)	251.5 (73.7)			
	40 (4.4)	306.8 (89.9)	294.1 (86.2)	281.4 (82.5)	268.7 (78.7)	256.0 (75)	243.3 (71.3)	230.6 (67.6)			
	35 (1.7)	281.6 (82.5)	269.8 (79.1)	258.0 (75.6)	246.2 (72.2)	234.4 (68.7)	222.7 (65.3)	210.9 (61.8)			
TVS031H8-B Compressor Model 4GE-30	45 (7.2)	383.2 (112.3)	367.4 (107.7)	351.5 (103)	335.5 (98.3)	319.6 (93.7)	303.7 (89)	287.8 (84.3)			
	40 (4.4)	352.8 (103.4)	338.1 (99.1)	323.3 (94.7)	308.5 (90.4)	293.7 (86.1)	278.9 (81.7)	264.1 (77.4)			
	35 (1.7)	323.9 (94.9)	310.2 (90.9)	296.6 (86.9)	282.9 (82.9)	269.1 (78.9)	255.4 (74.9)	241.7 (70.8)			
TVS036H8-B Compressor Model 6HE-35	45 (7.2)	492.3 (144.3)	472.3 (138.4)	452.3 (132.6)	432.4 (126.7)	412.5 (120.9)	392.6 (115.1)	372.8 (109.3)			
	40 (4.4)	452.9 (132.7)	434.3 (127.3)	415.7 (121.8)	397.1 (116.4)	378.6 (111)	360.1 (105.5)	341.7 (100.1)			
	35 (1.7)	415.4 (121.7)	398.2 (116.7)	381.0 (111.7)	363.8 (106.6)	346.6 (101.6)	329.4 (96.5)	312.3 (91.5)			
TVS041H8-B Compressor Model 6GE-40	45 (7.2)	557.7 (163.4)	534.3 (156.6)	511.0 (149.8)	487.7 (142.9)	464.5 (136.1)	441.3 (129.3)	418.1 (122.5)			
	40 (4.4)	513.6 (150.5)	491.9 (144.2)	470.3 (137.8)	448.7 (131.5)	427.1 (125.2)	405.5 (118.8)	384.0 (112.5)			
	35 (1.7)	471.7 (138.2)	451.7 (132.4)	431.7 (126.5)	411.7 (120.7)	391.7 (114.8)	371.7 (108.9)	351.8 (103.1)			
TVS051H8-B Compressor 											

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-B Compressor Model 4PES-15	30 (-1.1)	167.2 (49)	159.7 (46.8)	152.2 (44.6)	144.8 (42.4)	137.4 (40.3)	130.1 (38.1)	122.8 (36)			
	25 (-3.9)	151.7 (44.5)	144.7 (42.4)	137.8 (40.4)	131.0 (38.4)	124.2 (36.4)	117.4 (34.4)	110.7 (32.4)			
	20 (-6.7)	137.0 (40.2)	130.7 (38.3)	124.4 (36.5)	118.1 (34.6)	111.8 (32.8)	105.6 (30.9)	99.5 (29.2)			
	15 (-9.4)	123.3 (36.1)	117.5 (34.4)	111.7 (32.7)	106.0 (31.1)	100.3 (29.4)	94.6 (27.7)	89.0 (26.1)			
	10 (-12.2)	110.5 (32.4)	105.2 (30.8)	100.0 (29.3)	94.8 (27.8)	89.6 (26.3)	84.4 (24.7)	79.3 (23.2)			
	5 (-15)	98.6 (28.9)	93.8 (27.5)	89.0 (26.1)	84.3 (24.7)	79.6 (23.3)	75.0 (22)	70.3 (20.6)			
	0 (-17.8)	87.5 (25.6)	83.2 (24.4)	78.9 (23.1)	74.6 (21.9)	70.4 (20.6)	66.2 (19.4)	62.1 (18.2)			
TVS021M8-B Compressor Model 4NES-20	30 (-1.1)	197.7 (57.9)	189.1 (55.4)	180.5 (52.9)	171.9 (50.4)	163.5 (47.9)	155.0 (45.4)	146.7 (43)			
	25 (-3.9)	179.6 (52.6)	171.7 (50.3)	163.8 (48)	155.9 (45.7)	148.1 (43.4)	140.4 (41.1)	132.7 (38.9)			
	20 (-6.7)	162.6 (47.7)	155.4 (45.5)	148.1 (43.4)	141.0 (41.3)	133.8 (39.2)	126.7 (37.1)	119.6 (35.1)			
	15 (-9.4)	146.7 (43)	140.1 (41.1)	133.5 (39.1)	126.9 (37.2)	120.4 (35.3)	113.9 (33.4)	107.5 (31.5)			
	10 (-12.2)	131.8 (38.6)	125.8 (36.9)	119.8 (35.1)	113.9 (33.4)	108.0 (31.7)	102.1 (29.9)	96.2 (28.2)			
	5 (-15)	117.9 (34.6)	112.5 (33)	107.1 (31.4)	101.8 (29.8)	96.4 (28.3)	91.1 (26.7)	85.8 (25.1)			
	0 (-17.8)	105.1 (30.8)	100.2 (29.4)	95.3 (27.9)	90.5 (26.5)	85.7 (25.1)	80.9 (23.7)	76.2 (22.3)			
TVS026M8-B Compressor Model 4HE-25	30 (-1.1)	257.6 (75.5)	246.8 (72.3)	235.9 (69.1)	225.0 (65.9)	214.1 (62.7)	203.2 (59.6)	192.3 (56.4)			
	25 (-3.9)	235.0 (68.9)	225.0 (65.9)	215.0 (63)	205.0 (60.1)	194.9 (57.1)	184.9 (54.2)	174.9 (51.3)			
	20 (-6.7)	213.6 (62.6)	204.5 (59.9)	195.3 (57.2)	186.1 (54.5)	176.9 (51.8)	167.7 (49.1)	158.5 (46.5)			
	15 (-9.4)	193.5 (56.7)	185.2 (54.3)	176.8 (51.8)	168.4 (49.4)	160.0 (46.9)	151.6 (44.4)	143.2 (42)			
	10 (-12.2)	174.6 (51.2)	167.1 (49)	159.5 (46.7)	151.8 (44.5)	144.2 (42.3)	136.5 (40)	128.9 (37.8)			
	5 (-15)	157.0 (46)	150.1 (44)	143.2 (42)	136.3 (39.9)	129.4 (37.9)	122.4 (35.9)	115.5 (33.8)			
	0 (-17.8)	140.5 (41.2)	134.3 (39.4)	128.1 (37.5)	121.9 (35.7)	115.6 (33.9)	109.3 (32)	103.1 (30.2)			
TVS031M8-B Compressor Model 4GE-30	30 (-1.1)	296.4 (86.9)	283.9 (83.2)	271.3 (79.5)	258.6 (75.8)	245.9 (72.1)	233.3 (68.4)	220.6 (64.7)			
	25 (-3.9)	270.5 (79.3)	258.9 (75.9)	247.4 (72.5)	235.7 (69.1)	224.1 (65.7)	212.4 (62.2)	200.7 (58.8)			
	20 (-6.7)	245.9 (72.1)	235.4 (69)	224.8 (65.9)	214.2 (62.8)	203.5 (59.6)	192.8 (56.5)	182.1 (53.4)			
	15 (-9.4)	222.9 (65.3)	213.3 (62.5)	203.7 (59.7)	194.0 (56.9)	184.3 (54)	174.5 (51.1)	164.7 (48.3)			
	10 (-12.2)	201.2 (59)	192.6 (56.4)	183.8 (53.9)	175.0 (51.3)	166.2 (48.7)	157.3 (46.1)	148.5 (43.5)			
	5 (-15)	181.0 (53)	173.2 (50.8)	165.3 (48.4)	157.3 (46.1)	149.3 (43.8)	141.3 (41.4)	133.3 (39.1)			
	0 (-17.8)	162.0 (47.5)	155.0 (45.4)	147.9 (43.3)	140.8 (41.3)	133.6 (39.2)	126.4 (37)	119.2 (34.9)			
TVS036M8-B Compressor Model 6HE-35	30 (-1.1)	380.0 (111.4)	364.1 (106.7)	348.2 (102)	332.3 (97.4)	316.4 (92.7)	300.5 (88.1)	284.6 (83.4)			
	25 (-3.9)	346.5 (101.5)	331.9 (97.3)	317.2 (93)	302.6 (88.7)	287.9 (84.4)	273.3 (80.1)	258.7 (75.8)			
	20 (-6.7)	314.9 (92.3)	301.5 (88.4)	288.1 (84.4)	274.6 (80.5)	261.2 (76.5)	247.8 (72.6)	234.3 (68.7)			
	15 (-9.4)	285.2 (83.6)	272.9 (80)	260.7 (76.4)	248.4 (72.8)	236.1 (69.2)	223.9 (65.6)	211.6 (62)			
	10 (-12.2)	257.3 (75.4)	246.2 (72.2)	235.1 (68.9)	223.9 (65.6)	212.7 (62.3)	201.5 (59.1)	190.3 (55.8)			
	5 (-15)	231.2 (67.8)	221.2 (64.8)	211.1 (61.9)	201.0 (58.9)	190.8 (55.9)	180.7 (53)	170.5 (50)			
	0 (-17.8)	206.9 (60.6)	197.9 (58)	188.8 (55.3)	179.6 (52.6)	170.5 (50)	161.3 (47.3)	152.1 (44.6)			
TVS041M8-B Compressor Model 6GE-40	30 (-1.1)	431.9 (126.6)	413.5 (121.2)	395.1 (115.8)	376.6 (110.4)	358.2 (105)	339.8 (99.6)	321.4 (94.2)			
	25 (-3.9)	394.3 (115.6)	377.4 (110.6)	360.5 (105.7)	343.6 (100.7)	326.7 (95.7)	309.7 (90.8)	292.8 (85.8)			
	20 (-6.7)	358.7 (105.1)	343.3 (100.6)	327.9 (96.1)	312.4 (91.6)	296.9 (87)	281.5 (82.5)	266.0 (78)			
	15 (-9.4)	325.2 (95.3)	311.2 (91.2)	297.2 (87.1)	283.1 (83)	269.0 (78.8)	254.9 (74.7)	240.8 (70.6)			
	10 (-12.2)	293.8 (86.1)	281.1 (82.4)	268.4 (78.7)	255.6 (74.9)	242.9 (71.2)	230.1 (67.4)	217.3 (63.7)			
	5 (-15)	264.3 (77.5)	252.9 (74.1)	241.4 (70.7)	229.9 (67.4)	218.4 (64)	206.9 (60.6)	195.3 (57.2)			
	0 (-17.8)	236.8 (69.4)	226.6 (66.4)	216.3 (63.4)	205.9 (60.3)	195.6 (57.3)	185.2 (54.3)	174.7 (51.2)			
TVS051M8-B Compressor Model 6FE-50	30 (-1.1)	510.3 (149.6)	488.3 (143.1)	466.2 (136.6)	444.1 (130.2)	422.0 (123.7)	399.9 (117.2)	377.8 (110.7)			
	25 (-3.9)	467.2 (136.9)	447.0 (131)	426.8 (125.1)	406.5 (119.1)	386.2 (113.2)	365.9 (107.2)	345.5 (101.3)			
	20 (-6.7)	426.2 (124.9)	407.9 (119.5)	389.4 (114.1)	370.8 (108.7)	352.3 (103.2)	333.7 (97.8)	315.1 (92.3)			
	15 (-9.4)	387.5 (113.6)	370.8 (108.7)	354.0 (103.7)	337.2 (98.8)	320.3 (93.9)	303.3 (88.9)	286.4 (83.9)			
	10 (-12.2)	351.0 (102.9)	335.9 (98.4)	320.7 (94)	305.4 (89.5)	290.1 (85)	274.8 (80.5)	259.3 (76)			
	5 (-15)	316.7 (92.8)	303.1 (88.8)	289.4 (84.8)	275.6 (80.8)	261.8 (76.7)	247.9 (72.7)	233.9 (68.5)			
	0 (-17.8)	284.4 (83.3)	272.2 (79.8)	259.9 (76.2)	247.6 (72.6)	235.1 (68.9)	222.6 (65.2)	210.1 (61.6)			

T

CAPACITY DATA - R404A R507
LOW TEMP. HIGH EFFICIENCY MODELS

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)		
TVS013L6-B Compressor Model 4NES-14	0 (-17.8)	96.3 (28.2)	91.6 (26.8)	87.0 (25.5)	82.4 (24.1)	77.7 (22.8)	73.1 (21.4)	68.5 (20.1)		
	-5 (-20.6)	86.0 (25.2)	81.8 (24)	77.6 (22.7)	73.4 (21.5)	69.2 (20.3)	65.0 (19)	60.8 (17.8)		
	-10 (-23.3)	76.3 (22.4)	72.6 (21.3)	68.8 (20.2)	65.0 (19)	61.2 (17.9)	57.4 (16.8)	53.7 (15.7)		
	-15 (-26.1)	67.4 (19.8)	64.0 (18.8)	60.6 (17.8)	57.2 (16.8)	53.8 (15.8)	50.4 (14.8)	47.0 (13.8)		
	-20 (-28.9)	59.0 (17.3)	56.0 (16.4)	53.0 (15.5)	49.9 (14.6)	46.9 (13.7)	43.9 (12.9)	40.8 (12)		
	-25 (-31.7)	51.4 (15.1)	48.7 (14.3)	45.9 (13.5)	43.2 (12.7)	40.5 (11.9)	37.8 (11.1)	35.1 (10.3)		
	-30 (-34.4)	44.3 (13)	41.9 (12.3)	39.5 (11.6)	37.0 (10.8)	34.6 (10.1)	32.2 (9.4)	29.8 (8.7)		
	-35 (-37.2)	37.8 (11.1)	35.7 (10.5)	33.5 (9.8)	31.3 (9.2)	29.2 (8.6)	27.0 (7.9)	24.9 (7.3)		
TVS016L6-B Compressor Model 4HE-18	-40 (-40)	31.9 (9.3)	30.0 (8.8)	28.0 (8.2)	26.0 (7.6)	24.1 (7.1)	22.2 (6.5)	20.3 (5.9)		
	0 (-17.8)	136.8 (40.1)	130.7 (38.3)	124.7 (36.5)	118.6 (34.8)	112.6 (33)	106.5 (31.2)	100.5 (29.5)		
	-5 (-20.6)	122.5 (35.9)	117.0 (34.3)	111.6 (32.7)	106.1 (31.1)	100.6 (29.5)	95.2 (27.9)	89.7 (26.3)		
	-10 (-23.3)	109.1 (32)	104.2 (30.5)	99.3 (29.1)	94.4 (27.7)	89.5 (26.2)	84.6 (24.8)	79.7 (23.4)		
	-15 (-26.1)	96.7 (28.3)	92.3 (27.1)	87.9 (25.8)	83.5 (24.5)	79.1 (23.2)	74.7 (21.9)	70.3 (20.6)		
	-20 (-28.9)	85.1 (24.9)	81.2 (23.8)	77.3 (22.7)	73.3 (21.5)	69.4 (20.3)	65.5 (19.2)	61.6 (18.1)		
	-25 (-31.7)	74.4 (21.8)	70.9 (20.8)	67.4 (19.8)	63.9 (18.7)	60.4 (17.7)	56.9 (16.7)	53.4 (15.6)		
	-30 (-34.4)	64.5 (18.9)	61.4 (18)	58.3 (17.1)	55.1 (16.1)	52.0 (15.2)	48.9 (14.3)	45.8 (13.4)		
TVS021L6-B Compressor Model 4GE-23	-35 (-37.2)	55.4 (16.2)	52.6 (15.4)	49.8 (14.6)	47.0 (13.8)	44.3 (13)	41.5 (12.2)	38.8 (11.4)		
	-40 (-40)	46.9 (13.7)	44.5 (13)	42.0 (12.3)	39.5 (11.6)	37.0 (10.8)	34.6 (10.1)	32.1 (9.4)		
	0 (-17.8)	155.8 (45.7)	149.0 (43.7)	142.2 (41.7)	135.3 (39.7)	128.5 (37.7)	121.6 (35.6)	114.8 (33.6)		
	-5 (-20.6)	140.1 (41.1)	133.9 (39.2)	127.8 (37.5)	121.6 (35.6)	115.4 (33.8)	109.3 (32)	103.1 (30.2)		
	-10 (-23.3)	125.3 (36.7)	119.8 (35.1)	114.3 (33.5)	108.7 (31.9)	103.2 (30.2)	97.7 (28.6)	92.1 (27)		
	-15 (-26.1)	111.4 (32.6)	106.5 (31.2)	101.6 (29.8)	96.7 (28.3)	91.7 (26.9)	86.8 (25.4)	81.9 (24)		
	-20 (-28.9)	98.5 (28.9)	94.2 (27.6)	89.8 (26.3)	85.4 (25)	81.0 (23.7)	76.6 (22.4)	72.3 (21.2)		
	-25 (-31.7)	86.5 (25.4)	82.7 (24.2)	78.8 (23.1)	74.9 (22)	71.0 (20.8)	67.1 (19.7)	63.3 (18.6)		
TVS026L6-B Compressor Model 6HE-28	-30 (-34.4)	75.4 (22.1)	72.0 (21.1)	68.5 (20.1)	65.1 (19.1)	61.7 (18.1)	58.3 (17.1)	54.9 (16.1)		
	-35 (-37.2)	65.1 (19.1)	62.1 (18.2)	59.0 (17.3)	56.0 (16.4)	53.0 (15.5)	50.0 (14.7)	47.0 (13.8)		
	-40 (-40)	55.6 (16.3)	52.9 (15.5)	50.2 (14.7)	47.5 (13.9)	44.8 (13.1)	42.2 (12.4)	39.6 (11.6)		
	0 (-17.8)	194.1 (56.9)	185.4 (54.3)	176.7 (51.8)	168.1 (49.3)	159.5 (46.7)	150.9 (44.2)	142.3 (41.7)		
	-5 (-20.6)	174.4 (51.1)	166.5 (48.8)	158.7 (46.5)	150.8 (44.2)	143.0 (41.9)	135.2 (39.6)	127.4 (37.3)		
	-10 (-23.3)	155.9 (45.7)	148.8 (43.6)	141.7 (41.5)	134.6 (39.4)	127.5 (37.4)	120.5 (35.3)	113.4 (33.2)		
	-15 (-26.1)	138.5 (40.6)	132.2 (38.7)	125.8 (36.9)	119.4 (35)	113.1 (33.1)	106.7 (31.3)	100.3 (29.4)		
	-20 (-28.9)	122.4 (35.9)	116.6 (34.2)	110.9 (32.5)	105.2 (30.8)	99.5 (29.2)	93.8 (27.5)	88.1 (25.8)		
TVS031L6-B Compressor Model 6GE-34	-25 (-31.7)	107.3 (31.4)	102.2 (30)	97.1 (28.5)	92.0 (27)	86.8 (25.4)	81.7 (23.9)	76.6 (22.4)		
	-30 (-34.4)	93.3 (27.3)	88.7 (26)	84.2 (24.7)	79.6 (23.3)	75.0 (22)	70.5 (20.7)	65.9 (19.3)		
	-35 (-37.2)	80.4 (23.6)	76.3 (22.4)	72.2 (21.2)	68.1 (20)	64.0 (18.8)	59.9 (17.6)	55.8 (16.4)		
	-40 (-40)	68.4 (20)	64.7 (19)	61.0 (17.9)	57.4 (16.8)	53.7 (15.7)	50.0 (14.7)	46.3 (13.6)		
	0 (-17.8)	222.1 (65.1)	212.5 (62.3)	202.9 (59.5)	193.2 (56.6)	183.6 (53.8)	173.9 (51)	164.1 (48.1)		
	-5 (-20.6)	200.8 (58.8)	192.1 (56.3)	183.5 (53.8)	174.8 (51.2)	166.0 (48.6)	157.3 (46.1)	148.4 (43.5)		
	-10 (-23.3)	180.6 (52.9)	172.9 (50.7)	165.1 (48.4)	157.3 (46.1)	149.5 (43.8)	141.6 (41.5)	133.6 (39.2)		
	-15 (-26.1)	161.7 (47.4)	154.7 (45.3)	147.8 (43.3)	140.8 (41.3)	133.8 (39.2)	126.7 (37.1)	119.5 (35)		
TVS041L6-B Compressor Model 6FE-44	-20 (-28.9)	143.8 (42.1)	137.7 (40.4)	131.5 (38.5)	125.3 (36.7)	119.0 (34.9)	112.7 (33)	106.3 (31.2)		
	-25 (-31.7)	127.1 (37.2)	121.7 (35.7)	116.2 (34.1)	110.6 (32.4)	105.0 (30.8)	99.4 (29.1)	93.7 (27.5)		
	-30 (-34.4)	111.6 (32.7)	106.7 (31.3)	101.8 (29.8)	96.9 (28.4)	91.9 (26.9)	86.9 (25.5)	81.8 (24)		
	-35 (-37.2)	97.0 (28.4)	92.7 (27.2)	88.4 (25.9)	84.0 (24.6)	79.6 (23.3)	75.1 (22)	70.5 (20.7)		
	-40 (-40)	83.6 (24.5)	79.7 (23.4)	75.8 (22.2)	71.9 (21.1)	67.9 (19.9)	63.9 (18.7)	59.7 (17.5)		
	0 (-17.8)	270.0 (79.1)	258.3 (75.7)	246.5 (72.2)	234.7 (68.8)	222.9 (65.3)	211.0 (61.8)	199.2 (58.4)		
	-5 (-20.6)	243.6 (71.4)	233.0 (68.3)	222.4 (65.2)	211.7 (62)	201.0 (58.9)	190.3 (55.8)	179.6 (52.6)		
	-10 (-23.3)	218.6 (64.1)	209.1 (61.3)	199.5 (58.5)	190.0 (55.7)	180.3 (52.8)	170.7 (50)	161.0 (47.2)		
TVS041L6-B Compressor Model 6FE-44	-15 (-26.1)	195.1 (57.2)	186.6 (54.7)	178.0 (52.2)	169.4 (49.6)	160.8 (47.1)	152.1 (44.6)	143.3 (42)		
	-20 (-28.9)	173.0 (50.7)	165.4 (48.5)	157.8 (46.2)	150.1 (44)	142.3 (41.7)	134.5 (39.4)	126.6 (37.1)		
	-25 (-31.7)	152.4 (44.7)	145.6 (42.7)	138.8 (40.7)	131.8 (38.6)	124.9 (36.6)	117.9 (34.6)	110.8 (32.5)		
	-30 (-34.4)	133.2 (39)	127.1 (37.2)	120.9 (35.4)	114.7 (33.6)	108.4 (31.8)	102.1 (29.9)	95.8 (28.1)		
	-35 (-37.2)	115.3 (33.8)	109.8 (32.2)	104.2 (30.5)	98.6 (28.9)	92.9 (27.2)	87.2 (25.6)	81.4 (23.9)		
	-40 (-40)	98.7 (28.9)	93.7 (27.5)	88.6 (26)	83.5 (24.5)	78.3 (22.9)	73.1 (21.4)	67.8 (19.9)		

LOW TEMPERATURE MODELS

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

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE		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)		
TVS013D6-B Compressor Model 4NES-14	0	(-17.8)	93.9 (27.5)	89.3 (26.2)	84.8 (24.9)	80.2 (23.5)	75.6 (22.2)	71.1 (20.8)	66.6 (19.5)		
	-5	(-20.6)	84.0 (24.6)	79.9 (23.4)	75.7 (22.2)	71.6 (21)	67.5 (19.8)	63.4 (18.6)	59.2 (17.3)		
	-10	(-23.3)	74.7 (21.9)	71.0 (20.8)	67.3 (19.7)	63.5 (18.6)	59.8 (17.5)	56.1 (16.4)	52.4 (15.4)		
	-15	(-26.1)	66.1 (19.4)	62.7 (18.4)	59.4 (17.4)	56.0 (16.4)	52.7 (15.4)	49.3 (14.4)	46.0 (13.5)		
	-20	(-28.9)	58.0 (17)	55.0 (16.1)	52.0 (15.2)	49.0 (14.4)	46.0 (13.5)	43.0 (12.6)	40.0 (11.7)		
	-25	(-31.7)	50.6 (14.8)	47.9 (14)	45.2 (13.2)	42.5 (12.5)	39.8 (11.7)	37.1 (10.9)	34.5 (10.1)		
	-30	(-34.4)	43.7 (12.8)	41.3 (12.1)	38.9 (11.4)	36.5 (10.7)	34.1 (10)	31.7 (9.3)	29.3 (8.6)		
	-35	(-37.2)	37.3 (10.9)	35.2 (10.3)	33.0 (9.7)	30.9 (9.1)	28.7 (8.4)	26.6 (7.8)	24.5 (7.2)		
	-40	(-40)	31.5 (9.2)	29.6 (8.7)	27.6 (8.1)	25.7 (7.5)	23.8 (7)	21.9 (6.4)	20.0 (5.9)		
TVS016D6-B Compressor Model 4HE-18	0	(-17.8)	134.7 (39.5)	128.8 (37.7)	122.8 (36)	116.8 (34.2)	110.8 (32.5)	104.8 (30.7)	98.9 (29)		
	-5	(-20.6)	120.8 (35.4)	115.4 (33.8)	110.0 (30.2)	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)		
TVS021D6-B Compressor Model 4GE-23	0	(-17.8)	153.2 (44.9)	146.4 (42.9)	139.6 (40.9)	132.9 (38.9)	126.1 (37)	119.3 (35)	112.6 (33)		
	-5	(-20.6)	137.9 (40.4)	131.8 (38.6)	125.7 (36.8)	119.6 (35.1)	113.5 (33.3)	107.4 (31.5)	101.3 (29.7)		
	-10	(-23.3)	123.5 (36.2)	118.1 (34.6)	112.6 (33)	107.1 (31.4)	101.6 (29.8)	96.1 (28.2)	90.7 (26.6)		
	-15	(-26.1)	110.0 (32.2)	105.2 (30.8)	100.3 (29.4)	95.3 (27.9)	90.4 (26.5)	85.6 (25.1)	80.7 (23.7)		
	-20	(-28.9)	97.4 (28.5)	93.1 (27.3)	88.7 (26)	84.4 (24.7)	80.0 (23.4)	75.6 (22.2)	71.3 (20.9)		
	-25	(-31.7)	85.6 (25.1)	81.8 (24)	77.9 (22.8)	74.1 (21.7)	70.2 (20.6)	66.4 (19.5)	62.5 (18.3)		
	-30	(-34.4)	74.7 (21.9)	71.3 (20.9)	67.9 (19.9)	64.5 (18.9)	61.0 (17.9)	57.7 (16.9)	54.3 (15.9)		
	-35	(-37.2)	64.5 (18.9)	61.5 (18)	58.5 (17.1)	55.5 (16.3)	52.5 (15.4)	49.5 (14.5)	46.5 (13.6)		
	-40	(-40)	55.1 (16.1)	52.5 (15.4)	49.8 (14.6)	47.1 (13.8)	44.4 (13)	41.8 (12.3)	39.2 (11.5)		
TVS026D6-B Compressor Model 6HE-28	0	(-17.8)	189.5 (55.5)	180.9 (53)	172.4 (50.5)	163.9 (48)	155.4 (45.5)	146.9 (43.1)	138.5 (40.6)		
	-5	(-20.6)	170.6 (50)	162.8 (47.7)	155.1 (45.5)	147.4 (43.2)	139.7 (40.9)	131.9 (38.7)	124.2 (36.4)		
	-10	(-23.3)	152.8 (44.8)	145.8 (42.7)	138.8 (40.7)	131.8 (38.6)	124.8 (36.6)	117.8 (34.5)	110.9 (32.5)		
	-15	(-26.1)	136.0 (39.9)	129.7 (38)	123.4 (36.2)	117.1 (34.3)	110.8 (32.5)	104.5 (30.6)	98.3 (28.8)		
	-20	(-28.9)	120.3 (35.3)	114.7 (33.6)	109.0 (31.9)	103.4 (30.3)	97.7 (28.6)	92.1 (27)	86.4 (25.3)		
	-25	(-31.7)	105.7 (31)	100.6 (29.5)	95.6 (28)	90.5 (26.5)	85.4 (25)	80.4 (23.6)	75.3 (22.1)		
	-30	(-34.4)	92.0 (27)	87.5 (25.6)	83.0 (24.3)	78.4 (23)	73.9 (21.7)	69.4 (20.3)	64.8 (19)		
	-35	(-37.2)	79.4 (23.3)	75.3 (22.1)	71.2 (20.9)	67.2 (19.7)	63.1 (18.5)	59.1 (17.3)	55.0 (16.1)		
	-40	(-40)	67.6 (19.8)	63.9 (18.7)	60.3 (17.7)	56.6 (16.6)	53.0 (15.5)	49.4 (14.5)	45.7 (13.4)		
TVS031D6-B Compressor Model 6GE-34	0	(-17.8)	216.2 (63.4)	206.7 (60.6)	197.2 (57.8)	187.7 (55)	178.2 (52.2)	168.6 (49.4)	158.9 (46.6)		
	-5	(-20.6)	195.9 (57.4)	187.4 (54.9)	178.8 (52.4)	170.2 (49.9)	161.6 (47.4)	152.9 (44.8)	144.2 (42.3)		
	-10	(-23.3)	176.7 (51.8)	169.0 (49.5)	161.3 (47.3)	153.6 (45)	145.8 (42.7)	138.0 (40.4)	130.1 (38.1)		
	-15	(-26.1)	158.4 (46.4)	151.6 (44.4)	144.7 (42.4)	137.8 (40.4)	130.8 (38.3)	123.8 (36.3)	116.7 (34.2)		
	-20	(-28.9)	141.2 (41.4)	135.1 (39.6)	129.0 (37.8)	122.8 (36)	116.6 (34.2)	110.3 (32.3)	103.9 (30.4)		
	-25	(-31.7)	125.1 (36.7)	119.6 (35.1)	114.2 (33.5)	108.7 (31.9)	103.1 (30.2)	97.5 (28.6)	91.8 (26.9)		
	-30	(-34.4)	109.9 (32.2)	105.1 (30.8)	100.2 (29.4)	95.3 (27.9)	90.4 (26.5)	85.4 (25)	80.3 (23.5)		
	-35	(-37.2)	95.8 (28.1)	91.4 (26.8)	87.1 (25.5)	82.8 (24.3)	78.3 (22.9)	73.9 (21.7)	69.3 (20.3)		
	-40	(-40)	82.6 (24.2)	78.7 (23.1)	74.8 (21.9)	70.9 (20.8)	66.9 (19.6)	62.9 (18.4)	58.8 (17.2)		

CAPACITY DATA - R407A
HIGH TEMP. HIGH EFFICIENCY MODELS

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)	
TVD031H8-B Compressor 4PES-15	45 (7.2)	424.2 (124.3)	407.8 (119.5)	391.4 (114.7)	375.1 (109.9)	358.9 (105.2)	342.5 (100.4)	326.1 (95.6)	
	40 (4.4)	385.1 (112.9)	370.0 (108.4)	354.9 (104)	339.8 (99.6)	324.7 (95.1)	309.8 (90.8)	294.6 (86.3)	
	35 (1.7)	348.6 (102.2)	334.7 (98.1)	320.9 (94)	306.8 (89.9)	293.0 (85.9)	279.1 (81.8)	265.2 (77.7)	
TVD041H8-B Compressor 4NES-20	45 (7.2)	497.1 (145.7)	478.4 (140.2)	459.5 (134.7)	440.8 (129.2)	421.9 (123.6)	403.2 (118.2)	384.3 (112.6)	
	40 (4.4)	451.9 (132.4)	434.5 (127.3)	417.1 (122.2)	399.8 (117.2)	382.4 (112.1)	365.0 (107)	347.8 (101.9)	
	35 (1.7)	409.5 (120)	393.3 (115.3)	377.4 (110.6)	361.4 (105.9)	345.5 (101.2)	329.5 (96.6)	313.5 (91.9)	
TVD051H8-B Compressor 4HE-25	45 (7.2)	636.5 (186.5)	612.2 (179.4)	588.0 (172.3)	563.9 (165.2)	539.7 (158.2)	515.6 (151.1)	491.6 (144.1)	
	40 (4.4)	578.8 (169.6)	556.3 (163)	533.8 (156.4)	511.4 (149.9)	489.1 (143.3)	466.8 (136.8)	444.6 (130.3)	
	35 (1.7)	524.6 (153.7)	503.8 (147.6)	483.0 (141.6)	462.4 (135.5)	441.6 (129.4)	421.1 (123.4)	400.7 (117.4)	
TVD061H8-B Compressor 4GE-30	45 (7.2)	743.4 (217.9)	715.9 (209.8)	688.4 (201.7)	661.1 (193.7)	633.8 (185.7)	606.5 (177.7)	579.4 (169.8)	
	40 (4.4)	676.8 (198.4)	651.4 (190.9)	626.0 (183.5)	600.6 (176)	575.2 (168.6)	550.0 (161.2)	525.0 (153.9)	
	35 (1.7)	614.3 (180)	590.7 (173.1)	567.4 (166.3)	543.9 (159.4)	520.6 (152.6)	497.3 (145.7)	474.2 (139)	
TVD071H8-B Compressor 6HE-35	45 (7.2)	968.9 (284)	932.8 (273.4)	896.9 (262.9)	860.8 (252.3)	824.9 (241.7)	789.2 (231.3)	753.5 (220.8)	
	40 (4.4)	882.0 (258.5)	848.6 (248.7)	815.2 (238.9)	781.8 (229.1)	748.7 (219.4)	715.5 (209.7)	682.5 (200)	
	35 (1.7)	800.3 (234.5)	769.4 (225.5)	738.6 (216.5)	707.9 (207.5)	677.3 (198.5)	646.6 (189.5)	616.1 (180.6)	
TVD081H8-B Compressor 6GE-40	45 (7.2)	1114.1 (326.5)	1072.9 (314.4)	1031.7 (302.4)	990.8 (290.4)	949.6 (278.3)	908.9 (266.4)	868.1 (254.4)	
	40 (4.4)	1014.3 (297.3)	976.1 (286.1)	938.1 (274.9)	900.1 (263.8)	862.1 (252.6)	824.3 (241.6)	786.7 (230.5)	
	35 (1.7)	920.6 (269.8)	885.6 (259.5)	850.3 (249.2)	815.2 (238.9)	780.2 (228.6)	745.3 (218.4)	710.6 (208.3)	
TVD101H8-B Compressor 6FE-50	45 (7.2)	1290.0 (378.1)	1241.7 (363.9)	1193.6 (349.8)	1145.6 (335.7)	1097.7 (321.7)	1049.8 (307.7)	1002.1 (293.7)	
	40 (4.4)	1176.6 (344.8)	1131.7 (331.7)	1087.0 (318.6)	1042.4 (305.5)	997.9 (292.5)	953.6 (279.5)	909.5 (266.6)	
	35 (1.7)	1069.5 (313.4)	1028.2 (301.3)	986.8 (289.2)	945.6 (277.1)	904.5 (265.1)	863.5 (253.1)	822.8 (241.1)	

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

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)		
TVD031M8-B Compressor Model 4PES-15	30 (-1.1)	314.6 (92.2)	301.8 (88.4)	289.0 (84.7)	276.2 (80.9)	263.3 (77.2)	250.5 (73.4)	237.9 (69.7)		
	25 (-3.9)	282.7 (82.8)	270.9 (79.4)	259.1 (75.9)	247.6 (72.6)	235.8 (69.1)	224.1 (65.7)	212.5 (62.3)		
	20 (-6.7)	253.1 (74.2)	242.3 (71)	231.6 (67.9)	220.9 (64.7)	210.4 (61.7)	199.7 (58.5)	189.0 (55.4)		
	15 (-9.4)	225.5 (66.1)	215.9 (63.3)	206.2 (60.4)	196.6 (57.6)	186.7 (54.7)	177.0 (51.9)	167.4 (49.1)		
	10 (-12.2)	200.1 (58.7)	191.3 (56.1)	182.5 (53.5)	173.9 (51)	165.1 (48.4)	156.2 (45.8)	147.4 (43.2)		
	5 (-15)	176.8 (51.8)	168.8 (49.5)	160.9 (47.1)	152.9 (44.8)	144.9 (42.5)	137.1 (40.2)	129.2 (37.8)		
	0 (-17.8)	155.2 (45.5)	148.1 (43.4)	140.9 (41.3)	133.8 (39.2)	126.4 (37)	119.5 (35)	112.4 (32.9)		
TVD041M8-B Compressor Model 4NES-20	30 (-1.1)	369.8 (108.4)	355.1 (104.1)	340.4 (99.8)	325.7 (95.5)	311.0 (91.1)	296.3 (86.8)	281.6 (82.5)		
	25 (-3.9)	332.6 (97.5)	319.2 (93.5)	305.8 (89.6)	292.5 (85.7)	279.1 (81.8)	265.7 (77.9)	252.2 (73.9)		
	20 (-6.7)	298.2 (87.4)	286.0 (83.8)	273.8 (80.3)	261.7 (76.7)	249.5 (73.1)	237.1 (69.5)	224.9 (65.9)		
	15 (-9.4)	266.3 (78)	255.2 (74.8)	244.2 (71.6)	233.1 (68.3)	222.0 (65.1)	210.8 (61.8)	199.9 (58.6)		
	10 (-12.2)	236.9 (69.4)	226.8 (66.5)	216.7 (63.5)	206.6 (60.6)	196.6 (57.6)	186.7 (54.7)	176.6 (51.8)		
	5 (-15)	209.6 (61.4)	200.6 (58.8)	191.5 (56.1)	182.3 (53.4)	173.3 (50.8)	164.2 (48.1)	155.2 (45.5)		
	0 (-17.8)	184.4 (54)	176.4 (51.7)	168.2 (49.3)	160.0 (46.9)	151.8 (44.5)	143.6 (42.1)	135.7 (39.8)		
TVD051M8-B Compressor Model 4HE-25	30 (-1.1)	474.0 (138.9)	454.9 (133.3)	435.5 (127.6)	416.6 (122.1)	397.5 (116.5)	378.6 (111)	359.7 (105.4)		
	25 (-3.9)	426.5 (125)	409.1 (119.9)	391.4 (114.7)	373.8 (109.5)	356.4 (104.4)	339.2 (99.4)	321.7 (94.3)		
	20 (-6.7)	382.4 (112.1)	366.2 (107.3)	350.3 (102.7)	334.3 (98)	318.4 (93.3)	302.4 (88.6)	286.7 (84)		
	15 (-9.4)	341.5 (100.1)	326.8 (95.8)	312.1 (91.5)	297.4 (87.1)	282.9 (82.9)	268.4 (78.7)	254.1 (74.5)		
	10 (-12.2)	303.2 (88.9)	290.0 (85)	276.6 (81.1)	263.3 (77.2)	250.1 (73.3)	237.1 (69.5)	223.9 (65.6)		
	5 (-15)	268.0 (78.5)	256.0 (75)	243.8 (71.5)	231.8 (67.9)	219.9 (64.4)	207.9 (60.9)	196.1 (57.5)		
	0 (-17.8)	235.4 (69)	224.5 (65.8)	213.6 (62.6)	202.7 (59.4)	191.7 (56.2)	181.0 (53.1)	170.3 (49.9)		
TVD061M8-B Compressor Model 4GE-30	30 (-1.1)	555.9 (162.9)	534.2 (156.6)	512.6 (150.2)	491.0 (143.9)	469.6 (137.6)	448.4 (131.4)	426.9 (125.1)		
	25 (-3.9)	501.1 (146.8)	481.3 (141.1)	461.6 (135.3)	441.8 (129.5)	422.1 (123.7)	402.6 (118)	383.0 (112.3)		
	20 (-6.7)	450.2 (132)	432.0 (126.6)	413.9 (121.3)	396.1 (116.1)	378.0 (110.8)	360.2 (105.5)	342.3 (100.3)		
	15 (-9.4)	402.8 (118)	386.4 (113.2)	369.8 (108.4)	353.4 (103.6)	337.3 (98.8)	320.9 (94)	304.7 (89.3)		
	10 (-12.2)	358.7 (105.1)	343.8 (100.7)	328.9 (96.4)	314.2 (92.1)	299.3 (87.7)	284.6 (83.4)	269.9 (79.1)		
	5 (-15)	317.9 (93.2)	304.5 (89.2)	291.1 (85.3)	277.6 (81.4)	264.2 (77.4)	251.0 (73.5)	237.7 (69.7)		
	0 (-17.8)	280.4 (82.2)	268.2 (78.6)	256.0 (75)	243.8 (71.5)	231.8 (67.9)	219.9 (64.4)	207.9 (60.9)		
TVD071M8-B Compressor Model 6HE-35	30 (-1.1)	723.9 (212.1)	695.5 (203.8)	667.2 (195.5)	638.8 (187.2)	610.7 (179)	582.5 (170.7)	554.6 (162.5)		
	25 (-3.9)	652.5 (191.2)	626.4 (183.6)	600.4 (176)	574.6 (168.4)	548.7 (160.8)	522.9 (153.2)	497.3 (145.7)		
	20 (-6.7)	585.9 (171.7)	562.2 (164.8)	538.4 (157.8)	514.7 (150.8)	491.0 (143.9)	467.5 (137)	444.2 (130.2)		
	15 (-9.4)	524.0 (153.6)	502.3 (147.2)	480.7 (140.9)	459.1 (134.5)	437.6 (128.3)	416.2 (122)	395.0 (115.8)		
	10 (-12.2)	466.4 (136.7)	446.9 (131)	427.1 (125.2)	407.6 (119.5)	388.1 (113.7)	368.8 (108.1)	349.4 (102.4)		
	5 (-15)	413.3 (121.1)	395.4 (115.9)	377.6 (110.7)	359.9 (105.5)	342.3 (100.3)	324.9 (95.2)	307.4 (90.1)		
	0 (-17.8)	363.9 (106.7)	347.8 (101.9)	331.8 (97.2)	315.8 (92.6)	300.1 (87.9)	284.1 (83.3)	268.6 (78.7)		
TVD081M8-B Compressor Model 6GE-40	30 (-1.1)	833.1 (244.1)	800.5 (234.6)	768.2 (225.1)	736.1 (215.7)	703.7 (206.2)	671.8 (196.9)	639.9 (187.5)		
	25 (-3.9)	751.2 (220.1)	721.4 (211.4)	691.7 (202.7)	662.1 (194.1)	632.7 (185.4)	603.3 (176.8)	574.1 (168.3)		
	20 (-6.7)	674.7 (197.7)	647.6 (189.8)	620.6 (181.9)	593.5 (173.9)	566.6 (166)	539.9 (158.2)	513.0 (150.4)		
	15 (-9.4)	603.8 (176.9)	579.0 (169.7)	554.4 (162.5)	529.8 (155.3)	505.3 (148.1)	480.9 (140.9)	456.8 (133.9)		
	10 (-12.2)	537.8 (157.6)	515.3 (151)	493.1 (144.5)	470.8 (138)	448.6 (131.5)	426.5 (125)	404.5 (118.5)		
	5 (-15)	476.7 (139.7)	456.3 (133.7)	436.2 (127.8)	416.0 (121.9)	396.1 (116.1)	376.1 (110.2)	356.2 (104.4)		
	0 (-17.8)	420.2 (123.2)	401.9 (117.8)	383.7 (112.4)	365.4 (107.1)	347.3 (101.8)	329.5 (96.6)	311.6 (91.3)		
TVD101M8-B Compressor Model 6FE-50	30 (-1.1)	969.2 (284)	930.9 (272.8)	892.9 (261.7)	854.9 (250.5)	817.1 (239.5)	779.3 (228.4)	- -		
	25 (-3.9)	875.1 (256.5)	840.0 (246.2)	805.1 (236)	770.3 (225.7)	735.4 (215.5)	701.0 (205.4)	666.5 (195.3)		
	20 (-6.7)	787.1 (230.7)	755.0 (221.3)	723.0 (211.9)	691.3 (202.6)	659.6 (193.3)	627.9 (184)	596.6 (174.8)		
	15 (-9.4)	705.0 (206.6)	676.0 (198.1)	646.8 (189.6)	617.8 (181.1)	589.1 (172.6)	560.3 (164.2)	531.5 (155.8)		
	10 (-12.2)	628.7 (184.3)	602.3 (176.5)	575.8 (168.8)	549.6 (161.1)	523.3 (153.4)	497.3 (145.7)	471.5 (138.2)		
	5 (-15)	558.0 (163.5)	534.0 (156.5)	510.1 (149.5)	486.4 (142.5)	462.6 (135.6)	439.1 (128.7)	415.6 (121.8)		
	0 (-17.8)	492.2 (144.3)	470.6 (137.9)	449.2 (131.6)	427.6 (125.3)	406.4 (119.1)	385.1 (112.9)	363.9 (106.7)		

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

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)	115 (46.1)		
TVD025L8-B	0 (-17.8)	170.9 (50.1)	163.0 (47.8)	155.0 (45.4)	147.2 (43.1)	139.4 (40.9)	131.7 (38.6)	124.1 (36.4)		
	-5 (-20.6)	150.2 (44)	143.0 (41.9)	135.9 (39.8)	128.7 (37.7)	121.8 (35.7)	114.9 (33.7)	107.9 (31.6)		
	-10 (-23.3)	131.0 (38.4)	124.5 (36.5)	118.2 (34.6)	111.7 (32.7)	105.4 (30.9)	99.3 (29.1)	93.0 (27.3)		
	-15 (-26.1)	113.4 (33.2)	107.5 (31.5)	101.9 (29.8)	96.2 (28.2)	90.5 (26.5)	84.8 (24.9)	79.4 (23.3)		
	-20 (-28.9)	97.0 (28.4)	91.8 (26.9)	86.7 (25.4)	81.7 (23.9)	76.7 (22.5)	71.6 (21)	66.8 (19.6)		
	-25 (-31.7)	82.1 (24.1)	77.3 (22.6)	72.9 (21.4)	68.3 (20)	63.6 (18.6)	59.2 (17.4)	55.0 (16.1)		
	-30 (-34.4)	68.3 (20)	64.1 (18.8)	59.9 (17.5)	55.9 (16.4)	51.9 (15.2)	47.9 (14)	44.1 (12.9)		
	-35 (-37.2)	55.4 (16.2)	51.7 (15.1)	47.9 (14)	44.3 (13)	40.7 (11.9)	37.2 (10.9)	33.8 (9.9)		
Compressor Model 4NES-14	-40 (-40)	43.5 (12.7)	40.1 (11.8)	37.0 (10.8)	33.6 (9.8)	30.5 (8.9)	27.3 (8)	24.2 (7.1)		
TVD031L8-B	0 (-17.8)	236.7 (69.4)	226.2 (66.3)	215.9 (63.3)	205.6 (60.3)	195.3 (57.2)	185.2 (54.3)	175.4 (51.4)		
	-5 (-20.6)	207.9 (60.9)	198.5 (58.2)	189.0 (55.4)	179.8 (52.7)	170.5 (50)	161.5 (47.3)	152.7 (44.7)		
	-10 (-23.3)	181.2 (53.1)	172.8 (50.7)	164.2 (48.1)	156.0 (45.7)	147.6 (43.3)	139.7 (40.9)	131.7 (38.6)		
	-15 (-26.1)	156.5 (45.9)	148.9 (43.6)	141.3 (41.4)	134.0 (39.3)	126.6 (37.1)	119.3 (35)	112.1 (32.9)		
	-20 (-28.9)	133.6 (39.1)	126.8 (37.2)	120.1 (35.2)	113.4 (33.2)	106.9 (31.3)	100.4 (29.4)	94.3 (27.6)		
	-25 (-31.7)	112.4 (32.9)	106.3 (31.1)	100.4 (29.4)	94.5 (27.7)	88.6 (26)	83.0 (24.3)	77.5 (22.7)		
	-30 (-34.4)	92.4 (27.1)	87.2 (25.5)	81.9 (24)	76.7 (22.5)	71.6 (21)	66.6 (19.5)	61.7 (18.1)		
	-35 (-37.2)	73.9 (21.7)	69.3 (20.3)	64.7 (19)	60.1 (17.6)	55.4 (16.2)	51.0 (15)	46.8 (13.7)		
Compressor Model 4HE-18	-40 (-40)	56.5 (16.6)	52.5 (15.4)	48.3 (14.2)	44.3 (13)	40.3 (11.8)	36.5 (10.7)	32.8 (9.6)		
TVD041L8-B	0 (-17.8)	274.5 (80.4)	262.9 (77.1)	251.4 (73.7)	240.0 (70.3)	228.9 (67.1)	217.8 (63.8)	206.9 (60.6)		
	-5 (-20.6)	242.3 (71)	231.8 (67.9)	221.6 (64.9)	211.3 (61.9)	201.2 (59)	191.3 (56.1)	181.4 (53.2)		
	-10 (-23.3)	212.3 (62.2)	203.1 (59.5)	193.8 (56.8)	184.6 (54.1)	175.6 (51.5)	166.7 (48.9)	157.9 (46.3)		
	-15 (-26.1)	184.6 (54.1)	176.2 (51.6)	168.0 (49.2)	159.8 (46.8)	151.8 (44.5)	143.9 (42.2)	136.1 (39.9)		
	-20 (-28.9)	158.8 (46.5)	151.2 (44.3)	144.1 (42.2)	136.7 (40.1)	129.6 (38)	122.6 (35.9)	115.7 (33.9)		
	-25 (-31.7)	134.6 (39.5)	128.1 (37.5)	121.6 (35.6)	115.3 (33.8)	109.0 (31.9)	102.7 (30.1)	96.8 (28.4)		
	-30 (-34.4)	112.1 (32.9)	106.3 (31.1)	100.6 (29.5)	94.9 (27.8)	89.5 (26.2)	84.0 (24.6)	78.8 (23.1)		
	-35 (-37.2)	90.9 (26.6)	85.9 (25.2)	80.9 (23.7)	76.0 (22.3)	71.2 (20.9)	66.4 (19.4)	62.0 (18.2)		
Compressor Model 4GE-23	-40 (-40)	71.2 (20.9)	66.6 (19.5)	62.4 (18.3)	58.0 (17)	53.8 (15.8)	49.6 (14.5)	45.6 (13.4)		
TVD051L8-B	0 (-17.8)	343.1 (100.6)	327.8 (96.1)	312.5 (91.6)	297.4 (87.1)	282.5 (82.8)	267.8 (78.5)	253.3 (74.2)		
	-5 (-20.6)	302.2 (88.6)	288.1 (84.4)	274.5 (80.4)	260.8 (76.4)	247.4 (72.5)	234.2 (68.6)	221.1 (64.8)		
	-10 (-23.3)	264.0 (77.4)	251.4 (73.7)	239.0 (70)	226.8 (66.5)	214.6 (62.9)	202.9 (59.5)	191.1 (56)		
	-15 (-26.1)	228.3 (66.9)	217.1 (63.6)	206.0 (60.4)	195.1 (57.2)	184.2 (54)	173.7 (50.9)	163.2 (47.8)		
	-20 (-28.9)	195.3 (57.2)	185.2 (54.3)	175.4 (51.4)	165.5 (48.5)	156.0 (45.7)	146.6 (43)	137.3 (40.3)		
	-25 (-31.7)	164.4 (48.2)	155.4 (45.5)	146.8 (43)	138.0 (40.4)	129.6 (38)	121.2 (35.5)	113.0 (33.1)		
	-30 (-34.4)	135.7 (39.8)	127.7 (37.4)	119.9 (35.1)	112.4 (32.9)	104.8 (30.7)	97.4 (28.6)	90.3 (26.5)		
	-35 (-37.2)	108.6 (31.8)	101.6 (29.8)	94.7 (27.8)	88.0 (25.8)	81.3 (23.8)	75.0 (22)	68.7 (20.1)		
Compressor Model 6HE-28	-40 (-40)	83.2 (24.4)	76.9 (22.5)	71.0 (20.8)	64.9 (19)	59.0 (17.3)	53.3 (15.6)	47.9 (14)		
TVD061L8-B	0 (-17.8)	386.6 (113.3)	369.2 (108.2)	352.2 (103.2)	335.2 (98.2)	318.4 (93.3)	301.8 (88.4)	- -		
	-5 (-20.6)	341.0 (99.9)	325.5 (95.4)	310.0 (90.8)	294.6 (86.3)	279.5 (81.9)	264.6 (77.5)	249.9 (73.2)		
	-10 (-23.3)	298.6 (87.5)	284.6 (83.4)	270.5 (79.3)	256.6 (75.2)	243.2 (71.3)	229.7 (67.3)	216.7 (63.5)		
	-15 (-26.1)	258.9 (75.9)	246.3 (72.2)	233.7 (68.5)	221.3 (64.9)	209.2 (61.3)	197.4 (57.9)	185.6 (54.4)		
	-20 (-28.9)	221.8 (65)	210.6 (61.7)	199.5 (58.5)	188.4 (55.2)	177.7 (52.1)	167.0 (48.9)	156.7 (45.9)		
	-25 (-31.7)	187.1 (54.8)	177.2 (51.9)	167.4 (49.1)	157.5 (46.2)	148.1 (43.4)	138.6 (40.6)	129.6 (38)		
	-30 (-34.4)	154.8 (45.4)	146.0 (42.8)	137.1 (40.2)	128.5 (37.7)	120.1 (35.2)	111.9 (32.8)	103.7 (30.4)		
	-35 (-37.2)	124.3 (36.4)	116.3 (34.1)	108.8 (31.9)	101.0 (29.6)	93.7 (27.4)	86.5 (25.4)	79.4 (23.3)		
Compressor Model 6GE-34	-40 (-40)	95.6 (28)	88.6 (26)	81.7 (23.9)	75.0 (22)	68.5 (20.1)	62.2 (18.2)	56.1 (16.4)		
TVD081L8-B	0 (-17.8)	471.9 (138.3)	451.1 (132.2)	430.7 (126.2)	410.6 (120.3)	390.4 (114.4)	370.7 (108.6)	351.3 (103)		
	-5 (-20.6)	416.4 (122)	397.7 (116.6)	379.3 (111.1)	361.0 (105.8)	342.9 (100.5)	325.1 (95.3)	307.7 (90.2)		
	-10 (-23.3)	364.6 (106.8)	348.0 (102)	331.4 (97.1)	315.0 (92.3)	298.6 (87.5)	282.9 (82.9)	267.1 (78.3)		
	-15 (-26.1)	316.5 (92.7)	301.6 (88.4)	286.7 (84)	272.0 (79.7)	257.5 (75.5)	243.4 (71.3)	229.5 (67.3)		
	-20 (-28.9)	271.5 (79.6)	258.1 (75.6)	245.1 (71.8)	232.1 (68)	219.0 (64.2)	206.6 (60.6)	194.3 (56.9)		
	-25 (-31.7)	229.5 (67.3)	217.8 (63.8)	206.0 (60.4)	194.5 (57)	183.1 (53.7)	172.0 (50.4)	161.3 (47.3)		
	-30 (-34.4)	190.5 (55.8)	180.0 (52.7)	169.5 (49.7)	159.4 (46.7)	149.5 (43.8)	139.7 (40.9)	130.2 (38.2)		
	-35 (-37.2)	153.5 (45)	144.3 (42.3)	135.2 (39.6)	126.2 (37)	117.4 (34.4)	109.0 (31.9)	100.6 (29.5)		
Compressor Model 6FE-44	-40 (-40)	118.9 (34.8)	110.7 (32.4)	102.7 (30.1)	94.7 (27.8)	86.9 (25.5)	79.6 (23.3)	72.2 (21.2)		

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

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

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW)				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)		
TVD025D8-B Compressor Model 4NES-14	0	(-17.8)	167.2 (49)	159.4 (46.7)	151.6 (44.4)	143.8 (42.1)	136.2 (39.9)	128.6 (37.7)	121.0 (35.5)		
	-5	(-20.6)	147.2 (43.1)	140.2 (41.1)	133.0 (39)	126.2 (37)	119.2 (34.9)	112.4 (32.9)	105.6 (30.9)		
	-10	(-23.3)	128.6 (37.7)	122.2 (35.8)	115.8 (33.9)	109.6 (29.3)	103.4 (30.3)	97.2 (28.5)	91.2 (26.7)		
	-15	(-26.1)	111.4 (32.6)	105.6 (30.9)	100.0 (29.3)	94.4 (27.7)	88.8 (26)	83.2 (24.4)	77.8 (22.8)		
	-20	(-28.9)	95.4 (28)	90.4 (26.5)	85.2 (25)	80.2 (23.5)	75.2 (22)	70.2 (20.6)	65.4 (19.2)		
	-25	(-31.7)	80.8 (23.7)	76.2 (22.3)	71.6 (21)	67.0 (19.6)	62.6 (18.3)	58.2 (17.1)	54.0 (15.8)		
	-30	(-34.4)	67.2 (19.7)	63.0 (18.5)	59.0 (17.3)	55.0 (16.1)	51.0 (14.9)	47.2 (13.8)	43.4 (12.7)		
	-35	(-37.2)	54.6 (16)	51.0 (14.9)	47.2 (13.8)	43.6 (12.8)	40.2 (11.8)	36.6 (10.7)	33.2 (9.7)		
	-40	(-40)	43.0 (12.6)	39.6 (11.6)	36.4 (10.7)	33.0 (9.7)	30.0 (8.8)	26.8 (7.9)	23.8 (7)		
TVD031D8-B Compressor Model 4HE-18	0	(-17.8)	233.6 (68.5)	223.2 (65.4)	212.8 (62.4)	202.6 (59.4)	192.6 (56.4)	182.6 (53.5)	172.8 (50.6)		
	-5	(-20.6)	205.4 (60.2)	196.0 (57.4)	186.6 (54.7)	177.4 (52)	168.4 (49.4)	159.4 (46.7)	150.4 (44.1)		
	-10	(-23.3)	179.2 (52.5)	170.6 (50)	162.4 (47.6)	154.0 (45.1)	145.8 (42.7)	137.8 (40.4)	130.0 (38.1)		
	-15	(-26.1)	154.8 (45.4)	147.2 (43.1)	139.8 (41)	132.4 (38.8)	125.0 (36.6)	117.8 (34.5)	110.8 (32.5)		
	-20	(-28.9)	132.2 (38.7)	125.4 (36.8)	118.8 (34.8)	112.2 (32.9)	105.8 (31)	99.4 (29.1)	93.0 (27.3)		
	-25	(-31.7)	111.2 (32.6)	105.2 (30.8)	99.2 (29.1)	93.4 (27.4)	87.6 (25.7)	82.0 (24)	76.6 (22.4)		
	-30	(-34.4)	91.6 (26.8)	86.2 (25.3)	81.0 (23.7)	75.8 (22.2)	70.8 (20.7)	65.8 (19.3)	61.0 (17.9)		
	-35	(-37.2)	73.2 (21.5)	68.6 (20.1)	64.0 (18.8)	59.4 (17.4)	55.0 (16.1)	50.6 (14.8)	46.4 (13.6)		
	-40	(-40)	56.0 (16.4)	52.0 (15.2)	47.8 (14)	43.8 (12.8)	39.8 (11.7)	36.0 (10.6)	32.4 (9.5)		
TVD041D8-B Compressor Model 4GE-23	0	(-17.8)	270.4 (79.2)	259.0 (75.9)	247.6 (72.6)	236.4 (69.3)	225.2 (66)	214.4 (62.8)	203.6 (59.7)		
	-5	(-20.6)	239.0 (70)	228.6 (67)	218.4 (64)	208.4 (61.1)	198.4 (58.1)	188.4 (55.2)	178.8 (52.4)		
	-10	(-23.3)	209.6 (61.4)	200.4 (58.7)	191.2 (56)	182.2 (53.4)	173.2 (50.8)	164.4 (48.2)	155.8 (45.7)		
	-15	(-26.1)	182.4 (53.5)	174.2 (51.1)	166.0 (48.6)	157.8 (46.2)	149.8 (43.9)	142.0 (41.6)	134.4 (39.4)		
	-20	(-28.9)	157.0 (46)	149.6 (43.8)	142.4 (41.7)	135.2 (39.6)	128.0 (37.5)	121.2 (35.5)	114.4 (33.5)		
	-25	(-31.7)	133.2 (39)	126.8 (37.2)	120.2 (35.2)	114.0 (33.4)	107.8 (31.6)	101.6 (29.8)	95.6 (28)		
	-30	(-34.4)	111.0 (32.5)	105.2 (30.8)	99.6 (29.2)	94.0 (27.5)	88.6 (26)	83.2 (24.4)	78.0 (22.9)		
	-35	(-37.2)	90.2 (26.4)	85.2 (25)	80.2 (23.5)	75.2 (22)	70.4 (20.6)	65.8 (19.3)	61.2 (17.9)		
	-40	(-40)	70.4 (20.6)	66.0 (19.3)	61.6 (18.1)	57.4 (16.8)	53.2 (15.6)	49.0 (14.4)	45.2 (13.2)		
TVD051D8-B Compressor Model 6HE-28	0	(-17.8)	336.0 (98.5)	320.8 (94)	305.8 (89.6)	291.0 (85.3)	276.2 (80.9)	261.8 (76.7)	247.6 (72.6)		
	-5	(-20.6)	296.2 (86.8)	282.6 (82.8)	269.0 (78.8)	255.4 (74.9)	242.2 (71)	229.2 (67.2)	216.4 (63.4)		
	-10	(-23.3)	259.2 (76)	246.8 (72.3)	234.6 (68.8)	222.4 (65.2)	210.6 (61.7)	198.8 (58.3)	187.2 (54.9)		
	-15	(-26.1)	224.4 (65.8)	213.4 (62.5)	202.4 (59.3)	191.6 (56.2)	181.0 (53)	170.4 (49.9)	160.2 (46.9)		
	-20	(-28.9)	192.2 (56.3)	182.2 (53.4)	172.4 (50.5)	162.8 (47.7)	153.4 (45)	144.0 (42.2)	135.0 (39.6)		
	-25	(-31.7)	162.0 (47.5)	153.2 (44.9)	144.4 (42.3)	135.8 (39.8)	127.4 (37.3)	119.2 (34.9)	111.2 (32.6)		
	-30	(-34.4)	133.6 (39.2)	125.8 (36.9)	118.2 (34.6)	110.6 (32.4)	103.2 (30.2)	95.8 (28.1)	88.8 (26)		
	-35	(-37.2)	107.0 (31.4)	100.2 (29.4)	93.4 (27.4)	86.6 (25.4)	80.2 (23.5)	73.8 (21.6)	67.6 (19.8)		
	-40	(-40)	82.0 (24)	75.8 (22.2)	69.8 (20.5)	64.0 (18.8)	58.2 (17.1)	52.6 (15.4)	47.2 (13.8)		
TVD061D8-B Compressor Model 6GE-34	0	(-17.8)	377.4 (110.6)	360.4 (105.6)	343.6 (100.7)	327.0 (95.8)	310.4 (91)	294.2 (86.2)	278.4 (81.6)		
	-5	(-20.6)	333.6 (97.8)	318.2 (93.3)	303.0 (88.8)	287.8 (84.3)	273.0 (80)	258.4 (75.7)	244.0 (71.5)		
	-10	(-23.3)	292.6 (85.8)	278.6 (81.6)	264.8 (77.6)	251.2 (73.6)	238.0 (69.8)	224.8 (65.9)	211.8 (62.1)		
	-15	(-26.1)	254.0 (74.4)	241.6 (70.8)	229.2 (67.2)	217.0 (63.6)	205.0 (60.1)	193.4 (56.7)	181.8 (53.3)		
	-20	(-28.9)	218.0 (63.9)	206.8 (60.6)	195.8 (57.4)	185.0 (54.2)	174.2 (51.1)	163.8 (48)	153.6 (45)		
	-25	(-31.7)	184.2 (54)	174.2 (51.1)	164.4 (48.2)	154.8 (45.4)	145.4 (42.6)	136.2 (39.9)	127.2 (37.3)		
	-30	(-34.4)	152.4 (44.7)	143.6 (42.1)	134.8 (39.5)	126.4 (37)	118.0 (34.6)	110.0 (32.2)	102.0 (29.9)		
	-35	(-37.2)	122.4 (35.9)	114.6 (33.6)	107.0 (31.4)	99.4 (29.1)	92.2 (27)	85.0 (24.9)	78.0 (22.9)		
	-40	(-40)	94.0 (27.5)	87.2 (25.6)	80.4 (23.6)	73.8 (21.6)	67.4 (19.8)	61.0 (17.9)	55.0 (16.1)		

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

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)	
TVD031H8-B	45 (7.2)	436.6 (128)	419.6 (123)	402.4 (117.9)	385.4 (112.9)	368.3 (107.9)	351.5 (103)	---	---
Compressor	40 (4.4)	396.3 (116.1)	380.3 (111.5)	364.6 (106.8)	348.8 (102.2)	333.1 (97.6)	317.5 (93.1)	301.8 (88.4)	
4PES-15	35 (1.7)	358.5 (105.1)	343.8 (100.7)	329.3 (96.5)	314.6 (92.2)	300.1 (87.9)	285.8 (83.8)	271.3 (79.5)	
TVD041H8-B	45 (7.2)	515.1 (151)	495.6 (145.2)	476.1 (139.5)	456.5 (133.8)	437.2 (128.1)	---	---	---
Compressor	40 (4.4)	468.3 (137.2)	450.2 (132)	432.2 (126.7)	414.1 (121.4)	396.3 (116.1)	378.4 (110.9)	360.6 (105.7)	
4NES-20	35 (1.7)	424.2 (124.3)	407.6 (119.5)	391.0 (114.6)	374.6 (109.8)	358.1 (104.9)	341.7 (100.1)	325.3 (95.3)	
TVD051H8-B	45 (7.2)	665.5 (195)	640.9 (187.8)	616.4 (180.6)	591.6 (173.4)	566.6 (166)	---	---	---
Compressor	40 (4.4)	607.3 (178)	584.6 (171.3)	562.0 (164.7)	538.9 (157.9)	516.0 (151.2)	492.7 (144.4)	469.6 (137.6)	
4HE-25	35 (1.7)	552.7 (162)	531.7 (155.8)	510.7 (149.7)	489.7 (143.5)	468.3 (137.2)	447.1 (131)	425.7 (124.8)	
TVD061H8-B	45 (7.2)	765.0 (224.2)	736.3 (215.8)	707.5 (207.3)	678.5 (198.9)	649.1 (190.2)	619.7 (181.6)	---	---
Compressor	40 (4.4)	698.3 (204.6)	672.0 (196.9)	645.3 (189.1)	618.5 (181.2)	591.6 (173.4)	564.5 (165.4)	537.2 (157.4)	
4GE-30	35 (1.7)	635.7 (186.3)	611.3 (179.2)	587.0 (172)	562.4 (164.8)	537.6 (157.6)	512.6 (150.2)	487.4 (142.8)	
TVD071H8-B	45 (7.2)	981.8 (287.7)	945.8 (277.2)	909.9 (266.7)	874.0 (256.1)	837.9 (245.6)	801.6 (234.9)	---	---
Compressor	40 (4.4)	895.7 (262.5)	862.7 (252.8)	829.5 (243.1)	796.1 (233.3)	762.7 (223.5)	729.1 (213.7)	695.5 (203.8)	
6HE-35	35 (1.7)	814.8 (238.8)	784.4 (229.9)	753.7 (220.9)	723.0 (211.9)	692.4 (202.9)	661.3 (193.8)	630.2 (184.7)	
TVD081H8-B	45 (7.2)	1112.8 (326.1)	1070.8 (313.8)	1028.8 (301.5)	986.6 (289.1)	944.4 (276.8)	901.7 (264.3)	---	---
Compressor	40 (4.4)	1016.6 (297.9)	978.0 (286.6)	939.3 (275.3)	900.5 (263.9)	861.4 (252.5)	822.4 (241)	782.9 (229.4)	
6GE-40	35 (1.7)	925.9 (271.4)	890.6 (261)	855.1 (250.6)	819.4 (240.1)	783.7 (229.7)	747.8 (219.2)	711.5 (208.5)	
TVD101H8-B	45 (7.2)	1309.8 (383.9)	1259.4 (369.1)	1208.6 (354.2)	1157.5 (339.2)	1106.3 (324.2)	1054.8 (309.1)	---	---
Compressor	40 (4.4)	1200.4 (351.8)	1154.0 (338.2)	1107.1 (324.5)	1060.1 (310.7)	1012.8 (296.8)	965.4 (282.9)	917.7 (269)	
6FE-50	35 (1.7)	1096.6 (321.4)	1054.0 (308.9)	1011.2 (296.3)	968.1 (283.7)	924.6 (271)	881.2 (258.2)	837.3 (245.4)	

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

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-B	30 (-1.1)	323.2 (94.7)	309.5 (90.7)	296.3 (86.8)	282.9 (82.9)	269.6 (79)	256.4 (75.1)	243.2 (71.3)			
	25 (-3.9)	290.2 (85.1)	277.8 (81.4)	265.7 (77.9)	253.3 (74.2)	241.1 (70.7)	229.1 (67.1)	216.9 (63.6)			
	20 (-6.7)	259.6 (76.1)	248.4 (72.8)	237.1 (69.5)	226.0 (66.2)	215.0 (63)	203.9 (59.8)	193.0 (56.6)			
	15 (-9.4)	231.2 (67.8)	221.1 (64.8)	210.8 (61.8)	200.8 (58.8)	190.7 (55.9)	180.8 (53)	170.7 (50)			
	10 (-12.2)	205.2 (60.1)	195.9 (57.4)	186.7 (54.7)	177.7 (52.1)	168.4 (49.4)	159.4 (46.7)	150.4 (44.1)			
	5 (-15)	181.2 (53.1)	172.8 (50.7)	164.6 (48.3)	156.2 (45.8)	148.1 (43.4)	139.9 (41)	131.9 (38.7)			
	0 (-17.8)	159.2 (46.7)	151.6 (44.4)	144.3 (42.3)	136.9 (40.1)	129.4 (37.9)	122.2 (35.8)	114.9 (33.7)			
TVD041M8-B	30 (-1.1)	383.3 (112.3)	367.9 (107.8)	352.8 (103.4)	337.7 (99)	322.6 (94.5)	307.4 (90.1)	292.3 (85.7)			
	25 (-3.9)	345.0 (101.1)	331.0 (97)	317.1 (92.9)	303.2 (88.9)	289.4 (84.8)	275.7 (80.8)	262.1 (76.8)			
	20 (-6.7)	309.3 (90.7)	296.7 (87)	284.1 (83.3)	271.5 (79.6)	258.9 (75.9)	246.3 (72.2)	233.9 (68.6)			
	15 (-9.4)	276.4 (81)	265.0 (77.7)	253.5 (74.3)	242.1 (71)	230.8 (67.6)	219.5 (64.3)	208.1 (61)			
	10 (-12.2)	246.1 (72.1)	235.6 (69.1)	225.3 (66)	215.0 (63)	204.8 (60)	194.7 (57.1)	184.4 (54)			
	5 (-15)	218.2 (63.9)	208.7 (61.2)	199.5 (58.5)	190.3 (55.8)	181.0 (53.1)	171.8 (50.3)	162.8 (47.7)			
	0 (-17.8)	192.4 (56.4)	184.0 (53.9)	175.8 (51.5)	167.4 (49.1)	159.2 (46.7)	151.0 (44.3)	142.8 (41.9)			
TVD051M8-B	30 (-1.1)	501.3 (146.9)	482.2 (141.3)	462.8 (135.6)	443.5 (130)	424.0 (124.3)	404.5 (118.5)	384.7 (112.7)			
	25 (-3.9)	453.2 (132.8)	435.8 (127.7)	418.1 (122.5)	400.3 (117.3)	382.6 (112.1)	364.6 (106.8)	346.5 (101.5)			
	20 (-6.7)	408.2 (119.6)	392.3 (115)	376.3 (110.3)	360.2 (105.5)	344.0 (100.8)	327.6 (96)	311.2 (91.2)			
	15 (-9.4)	366.5 (107.4)	352.2 (103.2)	337.5 (98.9)	323.0 (94.7)	308.1 (90.3)	293.4 (86)	278.5 (81.6)			
	10 (-12.2)	327.8 (96.1)	314.8 (92.3)	301.6 (88.4)	288.3 (84.5)	274.9 (80.6)	261.5 (76.6)	248.0 (72.7)			
	5 (-15)	291.9 (85.5)	280.1 (82.1)	268.2 (78.6)	256.2 (75.1)	244.2 (71.6)	232.1 (68)	219.9 (64.4)			
	0 (-17.8)	258.7 (75.8)	248.2 (72.7)	237.5 (69.6)	226.8 (66.5)	215.9 (63.3)	205.0 (60.1)	194.0 (56.9)			
TVD061M8-B	30 (-1.1)	576.9 (169.1)	554.6 (162.5)	532.1 (156)	509.7 (149.4)	487.0 (142.7)	464.1 (136)	441.2 (129.3)			
	25 (-3.9)	521.6 (152.9)	501.5 (147)	481.1 (141)	460.5 (135)	440.0 (128.9)	419.0 (122.8)	398.0 (116.6)			
	20 (-6.7)	470.4 (137.9)	451.9 (132.4)	433.4 (127)	414.8 (121.6)	396.1 (116.1)	377.0 (110.5)	358.1 (104.9)			
	15 (-9.4)	422.5 (123.8)	405.9 (119)	389.1 (114)	372.3 (109.1)	355.3 (104.1)	338.1 (99.1)	320.9 (94)			
	10 (-12.2)	378.0 (110.8)	363.1 (106.4)	348.0 (102)	332.9 (97.5)	317.5 (93.1)	302.0 (88.5)	286.4 (83.9)			
	5 (-15)	336.8 (98.7)	323.4 (94.8)	310.0 (90.8)	296.3 (86.8)	282.5 (82.8)	268.6 (78.7)	254.5 (74.6)			
	0 (-17.8)	298.8 (87.6)	286.9 (84.1)	274.7 (80.5)	262.5 (76.9)	250.1 (73.3)	237.7 (69.7)	225.1 (66)			
TVD071M8-B	30 (-1.1)	738.8 (216.5)	710.9 (208.3)	682.9 (200.1)	654.8 (191.9)	626.4 (183.6)	598.1 (175.3)	569.5 (166.9)			
	25 (-3.9)	667.8 (195.7)	642.4 (188.3)	616.8 (180.8)	590.9 (173.2)	565.1 (165.6)	539.1 (158)	513.0 (150.4)			
	20 (-6.7)	601.7 (176.3)	578.3 (169.5)	555.0 (162.7)	531.7 (155.8)	508.0 (148.9)	484.3 (141.9)	460.3 (134.9)			
	15 (-9.4)	540.1 (158.3)	519.1 (152.1)	497.9 (145.9)	476.5 (139.6)	455.1 (133.4)	433.4 (127)	411.8 (120.7)			
	10 (-12.2)	483.0 (141.6)	463.9 (136)	444.8 (130.4)	425.5 (124.7)	405.9 (119)	386.4 (113.2)	366.7 (107.5)			
	5 (-15)	430.1 (126)	412.9 (121)	395.6 (116)	378.2 (110.8)	360.6 (105.7)	342.9 (100.5)	325.1 (95.3)			
	0 (-17.8)	381.4 (111.8)	365.8 (107.2)	350.3 (102.7)	334.5 (98)	318.6 (93.4)	302.6 (88.7)	286.4 (83.9)			
TVD081M8-B	30 (-1.1)	840.8 (246.4)	808.5 (236.9)	776.2 (227.5)	743.6 (217.9)	710.9 (208.3)	677.9 (198.7)	644.7 (188.9)			
	25 (-3.9)	761.3 (223.1)	731.9 (214.5)	702.2 (205.8)	672.6 (197.1)	642.8 (188.4)	612.8 (179.6)	582.5 (170.7)			
	20 (-6.7)	686.7 (201.3)	660.0 (193.4)	633.4 (185.6)	606.5 (177.7)	579.4 (169.8)	552.1 (161.8)	524.6 (153.7)			
	15 (-9.4)	617.4 (180.9)	593.3 (173.9)	569.1 (166.8)	545.0 (159.7)	520.4 (152.5)	495.6 (145.2)	470.6 (137.9)			
	10 (-12.2)	552.9 (162)	531.3 (155.7)	509.5 (149.3)	487.6 (142.9)	465.6 (136.4)	443.1 (129.9)	420.6 (123.3)			
	5 (-15)	493.1 (144.5)	473.8 (138.8)	454.2 (133.1)	434.5 (127.3)	414.8 (121.6)	394.6 (115.6)	374.2 (109.7)			
	0 (-17.8)	437.9 (128.3)	420.6 (123.3)	403.0 (118.1)	385.4 (112.9)	367.5 (107.7)	349.4 (102.4)	331.2 (97.1)			
TVD101M8-B	30 (-1.1)	998.6 (292.6)	959.7 (281.3)	920.6 (269.8)	881.2 (258.2)	841.7 (246.7)	801.8 (235)	- -			
	25 (-3.9)	906.4 (265.6)	871.1 (255.3)	835.4 (244.8)	799.7 (234.4)	763.6 (223.8)	727.2 (213.1)	690.7 (202.4)			
	20 (-6.7)	819.8 (240.3)	787.7 (230.9)	755.6 (221.4)	723.2 (212)	690.5 (202.4)	657.5 (192.7)	624.1 (182.9)			
	15 (-9.4)	738.8 (216.5)	710.0 (208.1)	680.8 (199.5)	651.6 (191)	622.0 (182.3)	592.2 (173.6)	562.0 (164.7)			
	10 (-12.2)	663.2 (194.4)	637.1 (186.7)	611.1 (179.1)	584.6 (171.3)	558.2 (163.6)	531.1 (155.6)	504.0 (147.7)			
	5 (-15)	592.6 (173.7)	569.5 (166.9)	546.0 (160)	522.5 (153.1)	498.5 (146.1)	474.4 (139)	449.8 (131.8)			
	0 (-17.8)	527.3 (154.5)	506.5 (148.4)	485.7 (142.4)	464.5 (136.1)	442.9 (129.8)	421.3 (123.5)	399.2 (117)			

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

CAPACITY DATA - R448A R449A
LOW TEMP. HIGH EFFICIENCY MODELS

60Hz

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)
TVD025L8-B Compressor Model 4NES-14	0 (-17.8)	177.5 (52)	169.3 (49.6)	161.1 (47.2)	152.7 (44.7)	144.5 (42.3)	136.1 (39.9)	127.7 (37.4)	
	-5 (-20.6)	156.5 (45.9)	149.1 (43.7)	141.5 (41.5)	134.2 (39.3)	126.6 (37.1)	119.1 (34.9)	111.7 (32.7)	
	-10 (-23.3)	137.1 (40.2)	130.4 (38.2)	123.7 (36.2)	117.0 (34.3)	110.3 (32.3)	103.5 (30.3)	96.8 (28.4)	
	-15 (-26.1)	119.3 (35)	113.4 (33.2)	107.3 (31.4)	101.4 (29.7)	95.3 (27.9)	89.3 (26.2)	83.4 (24.4)	
	-20 (-28.9)	102.9 (30.2)	97.7 (28.6)	92.4 (27.1)	86.9 (25.5)	81.7 (23.9)	76.2 (22.3)	71.0 (20.8)	
	-25 (-31.7)	88.2 (25.8)	83.4 (24.4)	78.5 (23)	73.7 (21.6)	69.1 (20.2)	64.3 (18.8)	59.4 (17.4)	
	-30 (-34.4)	74.6 (21.8)	70.4 (20.6)	65.9 (19.3)	61.7 (18.1)	57.3 (16.8)	53.1 (15.6)	48.9 (14.3)	
	-35 (-37.2)	62.2 (18.2)	58.4 (17.1)	54.4 (15.9)	50.6 (14.8)	46.8 (13.7)	43.1 (12.6)	39.3 (11.5)	
TVD031L8-B Compressor Model 4HE-18	-40 (-40)	51.0 (15)	47.5 (13.9)	43.9 (12.9)	40.5 (11.9)	37.0 (10.8)	33.6 (9.8)	30.2 (8.9)	
	0 (-17.8)	253.5 (74.3)	243.0 (71.2)	232.5 (68.1)	222.0 (65.1)	211.5 (62)	201.0 (58.9)	190.5 (55.8)	
	-5 (-20.6)	224.5 (65.8)	215.0 (63)	205.6 (60.3)	196.1 (57.5)	186.7 (54.7)	177.0 (51.9)	167.6 (49.1)	
	-10 (-23.3)	197.6 (57.9)	189.2 (55.5)	180.6 (52.9)	172.2 (50.5)	163.6 (47.9)	155.0 (45.4)	146.6 (43)	
	-15 (-26.1)	172.8 (50.7)	165.3 (48.4)	157.7 (46.2)	149.9 (43.9)	142.4 (41.7)	134.8 (39.5)	127.3 (37.3)	
	-20 (-28.9)	149.9 (43.9)	143.2 (42)	136.3 (39.9)	129.6 (38)	122.9 (36)	115.9 (34)	109.2 (32)	
	-25 (-31.7)	128.9 (37.8)	122.9 (36)	116.8 (34.2)	110.7 (32.4)	104.8 (30.7)	98.7 (28.9)	92.6 (27.1)	
	-30 (-34.4)	109.8 (32.2)	104.4 (30.6)	98.9 (29)	93.5 (27.4)	88.0 (25.8)	82.5 (24.2)	77.3 (22.6)	
TVD041L8-B Compressor Model 4GE-23	-35 (-37.2)	92.0 (27)	87.2 (25.5)	82.1 (24.1)	77.3 (22.6)	72.5 (21.2)	67.6 (19.8)	62.8 (18.4)	
	-40 (-40)	75.6 (22.2)	71.2 (20.9)	66.8 (19.6)	62.4 (18.3)	58.0 (17)	53.8 (15.8)	49.6 (14.5)	
	0 (-17.8)	290.4 (85.1)	278.7 (81.7)	266.9 (78.2)	254.9 (74.7)	243.2 (71.3)	231.2 (67.8)	219.5 (64.3)	
	-5 (-20.6)	258.1 (75.6)	247.6 (72.6)	236.9 (69.4)	226.4 (66.3)	215.7 (63.2)	205.2 (60.1)	194.5 (57)	
	-10 (-23.3)	228.1 (66.8)	218.6 (64.1)	209.2 (61.3)	199.7 (58.5)	190.3 (55.8)	180.8 (53)	171.4 (50.2)	
	-15 (-26.1)	200.3 (58.7)	191.9 (56.3)	183.5 (53.8)	175.1 (51.3)	166.7 (48.9)	158.3 (46.4)	149.9 (43.9)	
	-20 (-28.9)	174.7 (51.2)	167.2 (49)	159.8 (46.8)	152.5 (44.7)	144.9 (42.5)	137.6 (40.3)	130.2 (38.2)	
	-25 (-31.7)	151.0 (44.3)	144.5 (42.3)	137.8 (40.4)	131.3 (38.5)	124.7 (36.6)	118.2 (34.6)	111.7 (32.7)	
TVD051L8-B Compressor Model 6HE-28	-30 (-34.4)	129.2 (37.8)	123.3 (36.1)	117.6 (34.5)	111.7 (32.7)	106.1 (31.1)	100.2 (29.4)	94.5 (27.7)	
	-35 (-37.2)	109.0 (31.9)	104.0 (30.5)	98.7 (28.9)	93.7 (27.4)	88.4 (25.9)	83.4 (24.4)	78.5 (23)	
	-40 (-40)	90.5 (26.5)	85.9 (25.2)	81.3 (23.8)	76.7 (22.5)	72.2 (21.2)	67.8 (19.9)	63.4 (18.6)	
	0 (-17.8)	361.4 (105.9)	346.3 (101.5)	331.2 (97.1)	315.8 (92.6)	300.7 (88.1)	285.4 (83.6)	270.1 (79.1)	
	-5 (-20.6)	320.7 (94)	307.0 (90)	293.4 (86)	279.7 (82)	265.9 (77.9)	252.0 (73.9)	238.1 (69.8)	
	-10 (-23.3)	283.1 (83)	270.7 (79.3)	258.3 (75.7)	245.9 (72.1)	233.5 (68.4)	221.1 (64.8)	208.5 (61.1)	
	-15 (-26.1)	248.2 (72.7)	237.1 (69.5)	226.0 (66.2)	214.8 (63)	203.7 (59.7)	192.4 (56.4)	181.0 (53.1)	
	-20 (-28.9)	215.9 (63.3)	206.0 (60.4)	195.9 (57.4)	185.9 (54.5)	175.8 (51.5)	165.7 (48.6)	155.6 (45.6)	
TVD061L8-B Compressor Model 6GE-34	-25 (-31.7)	186.3 (54.6)	177.2 (51.9)	168.2 (49.3)	159.2 (46.7)	150.2 (44)	141.1 (41.4)	131.9 (38.7)	
	-30 (-34.4)	158.8 (46.5)	150.8 (44.2)	142.6 (41.8)	134.6 (39.5)	126.4 (37)	118.0 (34.6)	109.8 (32.2)	
	-35 (-37.2)	133.6 (39.1)	126.2 (37)	118.9 (34.8)	111.5 (32.7)	104.2 (30.5)	96.8 (28.4)	89.3 (26.2)	
	-40 (-40)	110.3 (32.3)	103.7 (30.4)	97.0 (28.4)	90.3 (26.5)	83.6 (24.5)	76.7 (22.5)	69.9 (20.5)	
	0 (-17.8)	419.4 (122.9)	403.0 (118.1)	386.4 (113.2)	369.6 (108.3)	352.8 (103.4)	335.6 (98.3)	- -	
	-5 (-20.6)	374.9 (109.9)	360.2 (105.5)	345.2 (101.2)	330.1 (96.7)	315.0 (92.3)	299.5 (87.8)	283.7 (83.1)	
	-10 (-23.3)	333.3 (97.7)	320.0 (93.8)	306.6 (89.9)	293.2 (85.9)	279.5 (81.9)	265.7 (77.9)	251.6 (73.7)	
	-15 (-26.1)	294.4 (86.3)	282.7 (82.8)	270.7 (79.3)	258.7 (75.8)	246.3 (72.2)	233.9 (68.6)	221.3 (64.9)	
TVD081L8-B Compressor Model 6FE-44	-20 (-28.9)	258.3 (75.7)	247.8 (72.6)	237.1 (69.5)	226.4 (66.3)	215.5 (63.1)	204.3 (59.9)	192.8 (56.5)	
	-25 (-31.7)	224.7 (65.9)	215.5 (63.1)	205.8 (60.3)	196.4 (57.5)	186.5 (54.7)	176.4 (51.7)	166.1 (48.7)	
	-30 (-34.4)	193.8 (56.8)	185.4 (54.3)	176.8 (51.8)	168.2 (49.3)	159.4 (46.7)	150.4 (44.1)	140.9 (41.3)	
	-35 (-37.2)	165.1 (48.4)	157.5 (46.2)	149.7 (43.9)	142.0 (41.6)	133.8 (39.2)	125.6 (36.8)	117.2 (34.3)	
	-40 (-40)	138.4 (40.6)	131.5 (38.5)	124.5 (36.5)	117.2 (34.3)	109.8 (32.2)	102.3 (30)	94.5 (27.7)	
	0 (-17.8)	507.4 (148.7)	487.0 (142.7)	466.6 (136.8)	446.0 (130.7)	425.3 (124.6)	404.5 (118.5)	383.5 (112.4)	
	-5 (-20.6)	452.1 (132.5)	433.9 (127.2)	415.6 (121.8)	396.9 (116.3)	378.2 (110.8)	359.5 (105.4)	340.4 (99.8)	
	-10 (-23.3)	400.7 (117.4)	384.3 (112.6)	367.7 (107.8)	351.1 (102.9)	334.3 (98)	317.3 (93)	300.1 (87.9)	

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

TVD-B
BITZER

CAPACITY DATA - R448A R449A

60Hz

LOW TEMPERATURE MODELS

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

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)	124.4 (36.5)	124.4 (38.9)	124.4 (39.9)	109.0 (31.9)	109.0 (34.1)
TVD025D8-B	0 (-17.8)	173.6 (50.9)	165.6 (48.5)	157.4 (46.1)	149.2 (43.7)	140.8 (41.3)	132.6 (38.9)	124.4 (36.5)	116.4 (34.1)	116.4 (34.1)	116.4 (34.1)	94.6 (27.7)	94.6 (29.7)
	-5 (-20.6)	153.4 (45)	146.0 (42.8)	138.6 (40.6)	131.2 (38.5)	123.8 (36.3)	116.4 (34.1)	109.0 (31.9)	101.4 (29.7)	101.4 (29.7)	101.4 (29.7)	81.6 (23.9)	81.6 (23.9)
	-10 (-23.3)	134.6 (39.4)	128.0 (37.5)	121.2 (35.5)	114.6 (33.6)	108.0 (31.7)	101.4 (29.7)	94.6 (27.7)	90.8 (25.7)	90.8 (25.7)	90.8 (25.7)	69.4 (20.3)	69.4 (21.9)
	-15 (-26.1)	117.2 (34.3)	111.4 (32.6)	105.4 (30.9)	99.4 (29.1)	93.4 (27.4)	87.6 (25.7)	81.6 (23.9)	85.4 (25)	85.4 (25)	85.4 (25)	69.4 (20.3)	69.4 (21.9)
	Compressor Model 4NES-14	-20 (-28.9)	101.4 (29.7)	96.0 (28.1)	90.8 (26.6)	85.4 (25)	80.0 (23.4)	74.8 (21.9)	72.6 (21.3)	67.8 (19.9)	67.8 (19.9)	63.0 (18.5)	63.0 (18.5)
	-25 (-31.7)	86.8 (25.4)	82.0 (24)	77.2 (22.6)	72.6 (21.3)	67.8 (19.9)	63.0 (18.5)	58.4 (17.1)	60.8 (17.8)	56.4 (16.5)	56.4 (16.5)	52.2 (15.3)	52.2 (15.3)
	-30 (-34.4)	73.4 (21.5)	69.2 (20.3)	65.0 (19)	60.8 (17.8)	56.4 (16.5)	52.2 (15.3)	48.0 (14.1)	49.8 (14.6)	46.0 (13.5)	46.0 (13.5)	42.4 (12.4)	42.4 (12.4)
	-35 (-37.2)	61.4 (18)	57.4 (16.8)	53.6 (15.7)	49.8 (14.6)	46.0 (13.5)	42.4 (12.4)	38.6 (11.3)	39.8 (11.7)	36.4 (10.7)	36.4 (10.7)	33.0 (9.7)	33.0 (9.7)
TVD031D8-B	-40 (-40)	50.2 (14.7)	46.8 (13.7)	43.4 (12.7)	39.8 (11.7)	36.4 (10.7)	33.0 (9.7)	29.8 (8.7)	36.4 (10.7)	33.0 (9.7)	33.0 (9.7)	29.8 (8.7)	29.8 (8.7)
	0 (-17.8)	250.2 (73.3)	239.8 (70.3)	229.4 (67.2)	218.8 (64.1)	208.4 (61.1)	198.0 (58)	187.4 (54.9)	184.0 (53.9)	174.6 (51.2)	174.6 (51.2)	165.2 (48.4)	165.2 (48.4)
	-5 (-20.6)	221.8 (65)	212.4 (62.2)	203.0 (59.5)	193.4 (56.7)	184.0 (53.9)	174.6 (51.2)	165.2 (48.4)	170.0 (49.8)	161.6 (47.4)	153.0 (44.8)	144.6 (42.4)	144.6 (42.4)
	-10 (-23.3)	195.4 (57.3)	187.0 (54.8)	178.4 (52.3)	170.0 (49.8)	161.6 (47.4)	153.0 (44.8)	144.6 (42.4)	163.4 (45.7)	148.2 (43.4)	140.6 (41.2)	133.0 (39)	133.0 (39)
	-15 (-26.1)	171.0 (50.1)	163.4 (47.9)	155.8 (45.7)	148.2 (43.4)	140.6 (41.2)	133.0 (39)	125.6 (36.8)	155.8 (45.7)	140.6 (41.2)	133.0 (39)	125.6 (36.8)	125.6 (36.8)
	Compressor Model 4HE-18	-20 (-28.9)	148.4 (43.5)	141.8 (41.6)	135.0 (39.6)	128.2 (37.6)	121.4 (35.6)	114.6 (33.6)	109.6 (32.1)	103.6 (30.4)	97.6 (28.6)	107.8 (31.6)	107.8 (31.6)
	-25 (-31.7)	127.8 (37.5)	121.8 (35.7)	115.6 (33.9)	109.6 (32.1)	103.6 (30.4)	97.6 (28.6)	91.6 (26.8)	92.4 (27.1)	87.0 (25.5)	81.8 (24)	91.6 (26.8)	91.6 (26.8)
	-30 (-34.4)	108.8 (31.9)	103.4 (30.3)	98.0 (28.7)	92.4 (27.1)	87.0 (25.5)	81.8 (24)	76.4 (22.4)	76.6 (22.4)	71.8 (21)	67.0 (19.6)	62.2 (18.2)	62.2 (18.2)
TVD041D8-B	-35 (-37.2)	91.2 (26.7)	86.4 (25.3)	81.4 (23.9)	76.6 (22.4)	71.8 (21)	67.0 (19.6)	62.8 (18.4)	75.0 (22)	70.6 (20.7)	66.2 (19.4)	53.2 (15.6)	53.2 (15.6)
	-40 (-40)	75.0 (22)	70.6 (20.7)	66.2 (19.4)	61.8 (18.1)	57.4 (16.8)	53.2 (15.6)	49.0 (14.4)	61.8 (18.1)	57.4 (16.8)	53.2 (15.6)	49.0 (14.4)	49.0 (14.4)
	0 (-17.8)	286.2 (83.9)	274.4 (80.4)	262.8 (77)	251.0 (73.6)	239.2 (70.1)	227.4 (66.6)	215.6 (63.2)	223.0 (65.4)	212.4 (62.2)	202.0 (59.2)	191.4 (56.1)	191.4 (56.1)
	-5 (-20.6)	254.6 (74.6)	244.2 (71.6)	233.6 (68.5)	220.4 (65.5)	197.0 (57.7)	187.6 (55)	178.2 (52.2)	170.0 (57.7)	161.6 (47.4)	153.0 (44.8)	169.0 (49.5)	169.0 (49.5)
	-10 (-23.3)	225.2 (66)	215.8 (63.2)	206.4 (60.5)	197.0 (57.7)	187.6 (55)	178.2 (52.2)	169.0 (49.5)	215.2 (50.7)	164.6 (48.2)	156.2 (45.8)	148.0 (43.4)	148.0 (43.4)
	-15 (-26.1)	198.0 (58)	189.6 (55.6)	181.4 (53.2)	173.0 (50.7)	164.6 (48.2)	156.2 (45.8)	148.0 (43.4)	198.0 (58.6)	143.2 (42)	135.8 (39.8)	128.6 (37.7)	128.6 (37.7)
	Compressor Model 4GE-23	-20 (-28.9)	172.8 (50.6)	165.4 (48.5)	158.0 (46.3)	150.6 (44.1)	129.8 (38)	123.4 (36.2)	129.8 (38)	143.2 (42)	136.8 (34.2)	116.8 (34.2)	116.8 (34.2)
	-25 (-31.7)	149.4 (43.8)	143.0 (41.9)	136.4 (40)	129.8 (38)	123.4 (36.2)	124.4 (36.5)	116.2 (34.1)	104.8 (30.7)	104.8 (30.7)	99.2 (29.1)	93.6 (27.4)	93.6 (27.4)
	-30 (-34.4)	128.0 (37.5)	122.2 (35.8)	116.4 (34.1)	110.6 (32.4)	110.6 (32.4)	116.2 (34.1)	108.0 (31.7)	102.6 (30.1)	102.6 (30.1)	95.2 (27.9)	82.6 (24.2)	77.8 (22.8)
	-35 (-37.2)	108.2 (31.7)	103.0 (30.2)	97.8 (28.7)	92.6 (27.1)	87.6 (25.7)	82.6 (24.2)	77.8 (22.8)	76.0 (22.3)	71.4 (20.9)	67.0 (19.6)	62.8 (18.4)	62.8 (18.4)
TVD051D8-B	-40 (-40)	89.8 (26.3)	85.2 (25)	80.6 (23.6)	76.0 (22.3)	71.4 (20.9)	67.0 (19.6)	62.8 (18.4)	76.0 (22.3)	71.4 (20.9)	71.4 (20.9)	68.6 (20.1)	68.6 (20.1)
	0 (-17.8)	354.0 (103.7)	339.0 (99.4)	324.0 (95)	309.0 (90.6)	293.8 (86.1)	278.8 (81.7)	263.6 (77.3)	307.6 (80.3)	260.2 (76.3)	246.6 (72.3)	232.8 (68.2)	232.8 (68.2)
	-5 (-20.6)	314.6 (92.2)	301.2 (88.3)	287.6 (84.3)	274.0 (80.3)	260.2 (76.3)	246.6 (72.3)	232.8 (68.2)	274.0 (80.3)	229.0 (67.1)	216.6 (63.5)	204.0 (59.8)	204.0 (59.8)
	-10 (-23.3)	278.2 (81.5)	265.8 (77.9)	253.6 (74.3)	241.2 (70.7)	229.0 (67.1)	216.6 (63.5)	204.0 (59.8)	253.6 (74.3)	211.0 (61.8)	199.8 (58.6)	188.6 (55.3)	177.4 (52)
	-15 (-26.1)	244.2 (71.6)	233.2 (68.3)	222.0 (65.1)	211.0 (61.8)	199.8 (58.6)	188.6 (55.3)	177.4 (52)	222.0 (65.1)	182.8 (53.6)	172.8 (50.6)	162.8 (47.7)	152.6 (44.7)
	Compressor Model 6HE-28	-20 (-28.9)	212.6 (62.3)	202.8 (59.4)	192.8 (56.5)	182.8 (53.6)	172.8 (50.6)	162.8 (47.7)	156.6 (45.9)	147.6 (43.3)	138.6 (40.6)	129.4 (37.9)	129.4 (37.9)
	-25 (-31.7)	183.6 (53.8)	174.6 (51.2)	165.6 (48.5)	156.6 (45.9)	147.6 (43.3)	138.6 (40.6)	129.4 (37.9)	132.4 (38.8)	124.4 (36.5)	116.2 (34.1)	108.0 (31.7)	108.0 (31.7)
	-30 (-34.4)	156.6 (45.9)	148.6 (43.6)	140.6 (41.2)	132.4 (38.8)	110.0 (32.2)	102.6 (30.1)	95.2 (27.9)	102.6 (30.1)	95.2 (27.9)	87.6 (25.7)	87.6 (25.7)	87.6 (25.7)
	-35 (-37.2)	131.8 (38.6)	124.6 (36.5)	117.2 (34.3)	110.0 (32.2)	102.6 (30.1)	95.2 (27.9)	87.6 (25.7)	88.8 (26)	82.2 (24.1)	75.4 (22.1)	68.6 (20.1)	68.6 (20.1)
TVD061D8-B	-40 (-40)	108.8 (31.9)	102.2 (30)	95.6 (28)	88.8 (26)	82.2 (24.1)	75.4 (22.1)	68.6 (20.1)	88.8 (26)	82.2 (24.1)	75.4 (22.1)	68.6 (20.1)	68.6 (20.1)
	0 (-17.8)	410.2 (120.2)	393.8 (115.4)	377.4 (110.6)	360.8 (105.7)	343.8 (100.8)	326.8 (95.8)	309.6 (90.7)	307.6 (90.1)	292.2 (85.6)	276.6 (81.1)	276.6 (81.1)	276.6 (81.1)
	-5 (-20.6)	367.2 (107.6)	352.6 (103.3)	337.8 (99)	322.8 (94.6)	307.6 (90.1)	292.2 (85.6)	276.6 (81.1)	322.8 (94.6)	287.2 (84.2)	273.6 (80.2)	259.8 (76.1)	245.6 (72)
	-10 (-23.3)	327.0 (95.8)	314.0 (92)	300.6 (88.1)	287.2 (84.2)	273.6 (80.2)	259.8 (76.1)	245.6 (72)	300.6 (88.1)	265.8 (77.9)	241.6 (70.8)	229.2 (67.2)	216.4 (63.4)
	-15 (-26.1)	289.4 (84.8)	277.6 (81.4)	265.8 (77.9)	253.8 (74.4)	241.6 (70.8)	229.2 (67.2)	216.4 (63.4)	277.6 (81.4)	222.4 (65.2)	211.6 (62)	200.4 (58.7)	189.0 (55.4)
	Compressor Model 6GE-34	-20 (-28.9)	254.2 (74.5)	243.8 (71.5)	233.2 (68.3)	222.4 (65.2)	211.6 (62)	200.4 (58.7)	211.6 (62)	193.0 (56.6)	183.2 (53.7)	173.2 (50.8)	163.0 (47.8)
	-25 (-31.7)	221.6 (64.9)	212.2 (62.2)	202.8 (59.4)	192.8 (56.5)	183.2 (53.7)	173.2 (50.8)	163.0 (47.8)	192.8 (56.5)	165.6 (48.5)	156.8 (46)	147.8 (43.3)	138.4 (40.6)
	-30 (-34.4)	191.2 (56)	182.8 (53.6)	174.2 (51.1)	165.6 (48.5)	156.8 (46)	147.8 (43.3)	138.4 (40.6)	139.8 (41)	131.8 (38.6)	123.6 (36.2)	115.2 (33.8)	115.2 (33.8)
	-35 (-37.2)	163.0 (47.8)	155.4 (45.5)	147.6 (43.3)	139.8 (41)	131.8 (38.6)	123.6 (36.2)	115.2 (33.8)	139.8 (41)	108.2 (31.7)	100.6 (29.5)	92.8 (27.2)	92.8 (27.2)

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

CAPACITY DATA - R407C
HIGH TEMP. HIGH EFFICIENCY MODELS

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)		110 (43.3)	115 (46.1)	120 (49.4)
TVD031H8-B Compressor Model 4PES-15	55 (12.8)	495.0 (145.1)	476.9 (139.8)	458.6 (134.4)	440.4 (129.1)	422.1 (123.7)	403.6 (118.3)	385.1 (112.9)	R407C	349.7 (102.5)	349.7 (102.5)	349.7 (102.5)
	50 (10)	451.7 (132.4)	434.9 (127.5)	417.9 (122.5)	400.9 (117.5)	383.9 (112.5)	366.9 (107.5)	347.6 (102.5)		316.7 (92.8)	316.7 (92.8)	316.7 (92.8)
	45 (7.2)	410.8 (120.4)	395.2 (115.8)	379.7 (111.3)	364.1 (106.7)	348.4 (102.1)	332.6 (97.5)	316.7 (92.8)		285.8 (83.8)	285.8 (83.8)	285.8 (83.8)
	40 (4.4)	372.5 (109.2)	358.3 (105)	343.8 (100.7)	329.5 (96.6)	315.0 (92.3)	300.5 (88.1)	285.8 (83.8)		257.3 (75.4)	257.3 (75.4)	257.3 (75.4)
	35 (1.7)	336.6 (98.7)	323.6 (94.8)	310.4 (91)	297.2 (87.1)	283.9 (83.2)	270.7 (79.3)	257.3 (75.4)				
TVD041H8-B Compressor Model 4NES-20	55 (12.8)	579.2 (169.7)	558.2 (163.6)	537.4 (157.5)	516.2 (151.3)	495.2 (145.1)	474.0 (138.9)	452.6 (132.6)	R407C	411.6 (120.6)	411.6 (120.6)	411.6 (120.6)
	50 (10)	528.8 (155)	509.5 (149.3)	489.9 (143.6)	470.6 (137.9)	450.9 (132.1)	431.3 (126.4)	411.6 (120.6)		373.2 (109.4)	373.2 (109.4)	373.2 (109.4)
	45 (7.2)	481.3 (141.1)	463.5 (135.8)	445.6 (130.6)	427.6 (125.3)	409.5 (120)	391.4 (114.7)	373.2 (109.4)		337.5 (98.9)	337.5 (98.9)	337.5 (98.9)
	40 (4.4)	436.8 (128)	420.4 (123.2)	404.0 (118.4)	387.5 (113.5)	370.9 (108.7)	354.1 (103.8)	337.5 (98.9)		304.1 (89.1)	304.1 (89.1)	304.1 (89.1)
	35 (1.7)	395.2 (115.8)	380.1 (111.4)	365.2 (107)	349.9 (102.5)	334.7 (98.1)	319.4 (93.6)	304.1 (89.1)				
TVD051H8-B Compressor Model 4HE-25	55 (12.8)	763.6 (223.8)	736.9 (216)	710.0 (208.1)	683.1 (200.2)	656.3 (192.3)	629.2 (184.4)	602.1 (176.4)	R407C	547.9 (160.6)	547.9 (160.6)	547.9 (160.6)
	50 (10)	697.2 (204.3)	672.4 (197.1)	647.9 (189.9)	622.9 (182.5)	597.9 (175.2)	572.9 (167.9)	547.9 (160.6)		497.1 (145.7)	497.1 (145.7)	497.1 (145.7)
	45 (7.2)	634.6 (186)	611.9 (179.3)	589.1 (172.6)	566.2 (165.9)	543.3 (159.2)	520.2 (152.4)	497.1 (145.7)		449.6 (131.8)	449.6 (131.8)	449.6 (131.8)
	40 (4.4)	575.8 (168.8)	555.0 (162.7)	534.0 (156.5)	513.0 (150.4)	492.0 (144.2)	470.8 (138)	449.6 (131.8)		405.3 (118.8)	405.3 (118.8)	405.3 (118.8)
	35 (1.7)	520.8 (152.6)	501.7 (147)	482.6 (141.4)	463.3 (135.8)	443.9 (130.1)	424.6 (124.4)	405.3 (118.8)				
TVD061H8-B Compressor Model 4GE-30	55 (12.8)	891.5 (261.3)	861.2 (252.4)	830.8 (243.5)	800.3 (234.5)	769.7 (225.6)	739.0 (216.6)	708.1 (207.5)	R407C	645.5 (189.2)	645.5 (189.2)	645.5 (189.2)
	50 (10)	814.8 (238.8)	786.9 (230.6)	758.9 (222.4)	730.8 (214.2)	702.5 (205.9)	674.1 (197.6)	645.5 (189.2)		587.0 (172)	587.0 (172)	587.0 (172)
	45 (7.2)	742.6 (217.6)	716.9 (210.1)	691.1 (202.5)	665.3 (195)	639.2 (187.3)	613.2 (179.7)	587.0 (172)		532.1 (156)	532.1 (156)	532.1 (156)
	40 (4.4)	674.7 (197.7)	651.2 (190.9)	627.5 (183.9)	604.0 (177)	580.0 (170)	556.1 (163)	532.1 (156)		480.9 (140.9)	480.9 (140.9)	480.9 (140.9)
	35 (1.7)	611.1 (179.1)	589.7 (172.8)	568.1 (166.5)	546.4 (160.1)	524.6 (153.7)	502.7 (147.3)	480.9 (140.9)				
TVD071H8-B Compressor Model 6HE-35	55 (12.8)	1114.7 (326.7)	1076.3 (315.4)	1037.2 (304)	997.9 (292.5)	958.2 (280.8)	918.3 (269.1)	878.2 (257.4)	R407C	798.6 (234.1)	798.6 (234.1)	798.6 (234.1)
	50 (10)	1017.2 (298.1)	981.5 (287.7)	945.6 (277.1)	909.3 (266.5)	872.8 (255.8)	835.8 (244.9)	798.6 (234.1)		724.5 (212.3)	724.5 (212.3)	724.5 (212.3)
	45 (7.2)	925.7 (271.3)	892.9 (261.7)	859.7 (252)	826.4 (242.2)	792.8 (232.3)	758.7 (222.4)	724.5 (212.3)		655.4 (192.1)	655.4 (192.1)	655.4 (192.1)
	40 (4.4)	839.8 (246.1)	809.8 (237.3)	779.3 (228.4)	748.9 (219.5)	718.0 (210.4)	686.7 (201.3)	655.4 (192.1)		591.2 (173.2)	591.2 (173.2)	591.2 (173.2)
	35 (1.7)	759.6 (222.6)	732.1 (214.5)	704.6 (206.5)	676.4 (198.2)	648.3 (190)	619.9 (181.7)	591.2 (173.2)				
TVD081H8-B Compressor Model 6GE-40	55 (12.8)	1299.1 (380.7)	1255.2 (367.9)	1210.9 (354.9)	1166.3 (341.8)	1121.2 (328.6)	1075.8 (315.3)	1030.3 (301.9)	R407C	938.7 (275.1)	938.7 (275.1)	938.7 (275.1)
	50 (10)	1186.7 (347.8)	1146.2 (335.9)	1105.4 (324)	1064.3 (311.9)	1022.7 (299.7)	980.9 (287.5)	938.7 (275.1)		853.2 (250.1)	853.2 (250.1)	853.2 (250.1)
	45 (7.2)	1081.1 (316.8)	1043.9 (305.9)	1006.3 (294.9)	968.5 (283.8)	930.3 (272.6)	891.9 (261.4)	853.2 (250.1)		773.6 (226.7)	773.6 (226.7)	773.6 (226.7)
	40 (4.4)	982.0 (287.8)	947.9 (277.8)	913.7 (267.8)	879.1 (257.6)	844.2 (247.4)	808.9 (237.1)	773.6 (226.7)		699.5 (205)	699.5 (205)	699.5 (205)
	35 (1.7)	889.4 (260.6)	858.5 (251.6)	827.2 (242.4)	795.7 (233.2)	763.8 (223.8)	731.9 (214.5)	699.5 (205)				
TVD101H8-B Compressor Model 6FE-50	55 (12.8)	1494.6 (438)	1442.3 (422.7)	1389.6 (407.2)	1336.4 (391.7)	1283.1 (376)	1229.3 (360.3)	1175.2 (344.4)	R407C	1071.4 (314)	1071.4 (314)	1071.4 (314)
	50 (10)	1366.9 (400.6)	1318.6 (386.4)	1269.9 (372.2)	1220.7 (357.8)	1171.4 (343.3)	1121.6 (328.7)	1071.4 (314)		974.2 (285.5)	974.2 (285.5)	974.2 (285.5)
	45 (7.2)	1246.4 (365.3)	1201.8 (352.2)	1157.1 (339.1)	1111.7 (325.8)	1066.2 (312.5)	1020.4 (299)	974.2 (285.5)		883.5 (258.9)	883.5 (258.9)	883.5 (258.9)
	40 (4.4)	1133.0 (332)	1092.2 (320.1)	1051.1 (308)	1009.7 (295.9)	967.7 (283.6)	925.7 (271.3)	883.5 (258.9)		798.6 (234.1)	798.6 (234.1)	798.6 (234.1)
	35 (1.7)	1026.7 (300.9)	989.5 (290)	951.9 (279)	913.9 (267.8)	875.7 (256.6)	837.3 (245.4)	798.6 (234.1)				

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

CAPACITY DATA - R407C
MEDIUM TEMP. HIGH EFFICIENCY MODELS

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)
TVD031M8-B Compressor Model 4PES-15	30 (-1.1)	303.2 (88.9)	291.3 (85.4)	279.3 (81.9)	267.1 (78.3)	255.2 (74.8)	243.0 (71.2)	230.6 (67.6)
	25 (-3.9)	272.0 (79.7)	261.2 (76.6)	250.3 (73.4)	239.2 (70.1)	228.3 (66.9)	217.1 (63.6)	206.0 (60.4)
	20 (-6.7)	243.2 (71.3)	233.3 (68.4)	223.4 (65.5)	213.4 (62.5)	203.5 (59.6)	193.4 (56.7)	183.1 (53.7)
	15 (-9.4)	216.3 (63.4)	207.5 (60.8)	198.5 (58.2)	189.4 (55.5)	180.4 (52.9)	171.4 (50.2)	162.1 (47.5)
	10 (-12.2)	191.7 (56.2)	183.5 (53.8)	175.6 (51.5)	167.4 (49.1)	159.2 (46.7)	151.0 (44.3)	142.6 (41.8)
TVD041M8-B Compressor Model 4NES-20	30 (-1.1)	356.4 (104.4)	342.7 (100.4)	328.9 (96.4)	315.0 (92.3)	301.1 (88.3)	287.3 (84.2)	273.2 (80.1)
	25 (-3.9)	320.0 (93.8)	307.7 (90.2)	295.3 (86.5)	282.7 (82.8)	270.1 (79.1)	257.3 (75.4)	244.4 (71.6)
	20 (-6.7)	286.7 (84)	275.3 (80.7)	264.0 (77.4)	252.6 (74)	241.1 (70.7)	229.5 (67.3)	218.0 (63.9)
	15 (-9.4)	255.4 (74.8)	245.3 (71.9)	235.0 (68.9)	224.7 (65.9)	214.4 (62.8)	203.9 (59.8)	193.4 (56.7)
	10 (-12.2)	226.6 (66.4)	217.6 (63.8)	208.3 (61.1)	198.9 (58.3)	189.6 (55.6)	180.2 (52.8)	170.7 (50)
TVD051M8-B Compressor Model 4HE-25	30 (-1.1)	469.4 (137.6)	451.9 (132.4)	434.5 (127.3)	416.9 (122.2)	399.2 (117)	381.6 (111.8)	363.9 (106.7)
	25 (-3.9)	421.5 (123.5)	405.5 (118.8)	389.8 (114.2)	373.6 (109.5)	357.6 (104.8)	341.7 (100.1)	325.5 (95.4)
	20 (-6.7)	377.0 (110.5)	362.5 (106.2)	348.0 (102)	333.5 (97.7)	319.0 (93.5)	304.3 (89.2)	289.8 (84.9)
	15 (-9.4)	335.6 (98.3)	322.6 (94.5)	309.3 (90.7)	296.1 (86.8)	282.9 (82.9)	269.9 (79.1)	256.6 (75.2)
	10 (-12.2)	297.4 (87.1)	285.4 (83.6)	273.4 (80.1)	261.5 (76.6)	249.7 (73.2)	237.7 (69.7)	226.0 (66.2)
TVD061M8-B Compressor Model 4GE-30	30 (-1.1)	551.7 (161.7)	532.1 (156)	512.4 (150.2)	492.7 (144.4)	472.9 (138.6)	453.2 (132.8)	433.2 (127)
	25 (-3.9)	496.2 (145.4)	478.4 (140.2)	460.7 (135)	442.7 (129.7)	424.8 (124.5)	406.8 (119.2)	388.7 (113.9)
	20 (-6.7)	444.8 (130.4)	428.6 (125.6)	412.4 (120.9)	396.3 (116.1)	379.9 (111.3)	363.7 (106.6)	347.3 (101.8)
	15 (-9.4)	396.9 (116.3)	382.2 (112)	367.7 (107.8)	353.0 (103.5)	338.3 (99.1)	323.6 (94.8)	308.9 (90.5)
	10 (-12.2)	352.6 (103.3)	339.4 (99.5)	326.1 (95.6)	312.9 (91.7)	299.7 (87.8)	286.4 (83.9)	273.0 (80)
TVD071M8-B Compressor Model 6HE-35	30 (-1.1)	684.8 (200.7)	659.8 (193.4)	634.6 (186)	609.2 (178.5)	583.6 (171)	557.6 (163.4)	531.7 (155.8)
	25 (-3.9)	615.3 (180.3)	592.6 (173.7)	569.9 (167)	546.8 (160.3)	523.5 (153.4)	500.0 (146.5)	476.5 (139.6)
	20 (-6.7)	550.8 (161.4)	530.5 (155.5)	509.9 (149.4)	488.9 (143.3)	467.9 (137.1)	446.7 (130.9)	425.5 (124.7)
	15 (-9.4)	491.2 (144)	472.7 (138.5)	454.2 (133.1)	435.3 (127.6)	416.4 (122)	397.5 (116.5)	378.4 (110.9)
	10 (-12.2)	436.0 (127.8)	419.6 (123)	402.8 (118)	386.0 (113.1)	369.0 (108.1)	352.0 (103.1)	334.7 (98.1)
TVD081M8-B Compressor Model 6GE-40	30 (-1.1)	803.0 (235.3)	775.1 (227.2)	746.8 (218.9)	718.0 (210.4)	689.2 (202)	660.0 (193.4)	630.8 (184.9)
	25 (-3.9)	722.8 (211.8)	697.6 (204.5)	672.0 (196.9)	646.0 (189.3)	619.9 (181.7)	593.5 (173.9)	567.0 (166.2)
	20 (-6.7)	648.5 (190.1)	625.6 (183.3)	602.5 (176.6)	579.2 (169.7)	555.7 (162.8)	531.9 (155.9)	508.2 (148.9)
	15 (-9.4)	579.6 (169.9)	559.2 (163.9)	538.4 (157.8)	517.4 (151.6)	496.2 (145.4)	475.0 (139.2)	453.8 (133)
	10 (-12.2)	516.0 (151.2)	497.7 (145.9)	479.0 (140.4)	460.3 (134.9)	441.4 (129.4)	422.5 (123.8)	403.4 (118.2)
TVD101M8-B Compressor Model 6FE-50	30 (-1.1)	927.6 (271.8)	893.6 (261.9)	859.3 (251.8)	824.9 (241.7)	790.0 (231.5)	755.0 (221.3)	719.9 (211)
	25 (-3.9)	835.0 (244.7)	804.3 (235.7)	773.2 (226.6)	741.9 (217.4)	710.2 (208.1)	678.5 (198.9)	646.8 (189.6)
	20 (-6.7)	748.9 (219.5)	721.1 (211.3)	693.0 (203.1)	664.9 (194.9)	636.3 (186.5)	607.7 (178.1)	579.0 (169.7)
	15 (-9.4)	669.1 (196.1)	644.1 (188.8)	618.9 (181.4)	593.3 (173.9)	567.6 (166.4)	542.0 (158.8)	516.2 (151.3)
	10 (-12.2)	594.9 (174.4)	572.7 (167.8)	550.0 (161.2)	527.1 (154.5)	504.2 (147.8)	481.1 (141)	458.0 (134.2)

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

CAPACITY DATA - R404A R507
HIGH TEMP. HIGH EFFICIENCY MODELS

60Hz

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-B Compressor Model 4PES-15	45 (7.2)	439.4 (128.8)	420.6 (123.3)	401.8 (117.8)	383.2 (112.3)	364.8 (106.9)	346.4 (101.5)	328.2 (96.2)	
	40 (4.4)	402.6 (118)	385.0 (112.8)	367.6 (107.7)	350.2 (102.6)	333.0 (97.6)	315.8 (92.6)	299.0 (87.6)	
	35 (1.7)	367.6 (107.7)	351.2 (102.9)	335.0 (98.2)	319.0 (93.5)	303.0 (88.8)	287.2 (84.2)	271.4 (79.5)	
TVD041H8-B Compressor Model 4NES-20	45 (7.2)	517.0 (151.5)	495.4 (145.2)	473.8 (138.9)	452.4 (132.6)	431.2 (126.4)	410.0 (120.2)	389.0 (114)	
	40 (4.4)	474.2 (139)	454.0 (133.1)	434.0 (127.2)	414.2 (121.4)	394.4 (115.6)	374.6 (109.8)	355.0 (104)	
	35 (1.7)	433.6 (127.1)	415.0 (121.6)	396.4 (116.2)	378.0 (110.8)	359.6 (105.4)	341.4 (100.1)	323.2 (94.7)	
TVD051H8-B Compressor Model 4HE-25	45 (7.2)	666.6 (195.4)	639.4 (187.4)	612.0 (179.4)	584.8 (171.4)	557.4 (163.4)	530.2 (155.4)	503.0 (147.4)	
	40 (4.4)	613.6 (179.8)	588.2 (172.4)	562.8 (164.9)	537.4 (157.5)	512.0 (150.1)	486.6 (142.6)	461.2 (135.2)	
	35 (1.7)	563.2 (165.1)	539.6 (158.1)	516.0 (151.2)	492.4 (144.3)	468.8 (137.4)	445.4 (130.5)	421.8 (123.6)	
TVD061H8-B Compressor Model 4GE-30	45 (7.2)	766.4 (224.6)	734.8 (215.3)	703.0 (206)	671.0 (196.6)	639.2 (187.3)	607.4 (178)	575.6 (168.7)	
	40 (4.4)	705.6 (206.8)	676.2 (198.2)	646.6 (189.5)	617.0 (180.8)	587.4 (172.1)	557.8 (163.5)	528.2 (154.8)	
	35 (1.7)	647.8 (189.9)	620.4 (181.8)	593.2 (173.8)	565.8 (165.8)	538.2 (157.7)	510.8 (149.7)	483.4 (141.7)	
TVD071H8-B Compressor Model 6HE-35	45 (7.2)	984.6 (288.6)	944.6 (276.8)	904.6 (265.1)	864.8 (253.4)	825.0 (241.8)	785.2 (230.1)	745.6 (218.5)	
	40 (4.4)	905.8 (265.5)	868.6 (254.6)	831.4 (243.7)	794.2 (232.8)	757.2 (221.9)	720.2 (211.1)	683.4 (200.3)	
	35 (1.7)	830.8 (243.5)	796.4 (233.4)	762.0 (223.3)	727.6 (213.2)	693.2 (203.2)	658.8 (193.1)	624.6 (183.1)	
TVD081H8-B Compressor Model 6GE-40	45 (7.2)	1115.4 (326.9)	1068.6 (313.2)	1022.0 (299.5)	975.4 (285.9)	929.0 (272.3)	882.6 (258.7)	836.2 (245.1)	
	40 (4.4)	1027.2 (301)	983.8 (288.3)	940.6 (275.7)	897.4 (263)	854.2 (250.3)	811.0 (237.7)	768.0 (225.1)	
	35 (1.7)	943.4 (276.5)	903.4 (264.8)	863.4 (253)	823.4 (241.3)	783.4 (229.6)	743.4 (217.9)	703.6 (206.2)	
TVD101H8-B Compressor Model 6FE-50	45 (7.2)	1306.0 (382.7)	1250.2 (366.4)	1194.4 (350)	1138.6 (333.7)	1082.8 (317.3)	1027.2 (301)	971.4 (284.7)	
	40 (4.4)	1206.4 (353.6)	1154.6 (338.4)	1102.8 (323.2)	1051.0 (308)	999.2 (292.8)	947.4 (277.7)	895.6 (262.5)	
	35 (1.7)	1111.4 (325.7)	1063.4 (311.7)	1015.6 (297.6)	967.6 (283.6)	919.6 (269.5)	871.6 (255.4)	823.6 (241.4)	

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-B Compressor Model 4PES-15	30 (-1.1)	334.4 (98)	319.4 (93.6)	304.4 (89.2)	289.6 (84.9)	274.8 (80.5)	260.2 (76.3)	245.6 (72)	
	25 (-3.9)	303.4 (88.9)	289.4 (84.8)	275.6 (80.8)	262.0 (76.8)	248.4 (72.8)	234.8 (68.8)	221.4 (64.9)	
	20 (-6.7)	274.0 (80.3)	261.4 (76.6)	248.8 (72.9)	236.2 (69.2)	223.6 (65.5)	211.2 (61.9)	199.0 (58.3)	
	15 (-9.4)	246.6 (72.3)	235.0 (68.9)	223.4 (65.5)	212.0 (62.1)	200.6 (58.8)	189.2 (55.4)	178.0 (52.2)	
	10 (-12.2)	221.0 (64.8)	210.4 (61.7)	200.0 (58.6)	189.6 (55.6)	179.2 (52.5)	168.8 (49.5)	158.6 (46.5)	
	5 (-15)	197.2 (57.8)	187.6 (55)	178.0 (52.2)	168.6 (49.4)	159.2 (46.7)	150.0 (44)	140.6 (41.2)	
	0 (-17.8)	175.0 (51.3)	166.4 (48.8)	157.8 (46.2)	149.2 (43.7)	140.8 (41.3)	132.4 (38.8)	124.2 (36.4)	
TVD041M8-B Compressor Model 4NES-20	30 (-1.1)	395.4 (115.9)	378.2 (110.8)	361.0 (105.8)	343.8 (100.8)	327.0 (95.8)	310.0 (90.9)	293.4 (86)	
	25 (-3.9)	359.2 (105.3)	343.4 (100.6)	327.6 (96)	311.8 (91.4)	296.2 (86.8)	280.8 (82.3)	265.4 (77.8)	
	20 (-6.7)	325.2 (95.3)	310.8 (91.1)	296.2 (86.8)	282.0 (82.6)	267.6 (78.4)	253.4 (74.3)	239.2 (70.1)	
	15 (-9.4)	293.4 (86)	280.2 (82.1)	267.0 (78.2)	253.8 (74.4)	240.8 (70.6)	227.8 (66.8)	215.0 (63)	
	10 (-12.2)	263.6 (77.3)	251.6 (73.7)	239.6 (70.2)	227.8 (66.8)	216.0 (63.3)	204.2 (59.8)	192.4 (56.4)	
	5 (-15)	235.8 (69.1)	225.0 (65.9)	214.2 (62.8)	203.6 (59.7)	192.8 (56.5)	182.2 (53.4)	171.6 (50.3)	
	0 (-17.8)	210.2 (61.6)	200.4 (58.7)	190.6 (55.9)	181.0 (53)	171.4 (50.2)	161.8 (47.4)	152.4 (44.7)	
TVD051M8-B Compressor Model 4HE-25	30 (-1.1)	515.2 (151)	493.6 (144.7)	471.8 (138.3)	450.0 (131.9)	428.2 (125.5)	406.4 (119.1)	384.6 (112.7)	
	25 (-3.9)	470.0 (137.7)	450.0 (131.9)	430.0 (126)	410.0 (120.2)	389.8 (114.2)	369.8 (108.4)	349.8 (102.5)	
	20 (-6.7)	427.2 (125.2)	409.0 (119.9)	390.6 (114.5)	372.2 (109.1)	353.8 (103.7)	335.4 (98.3)	317.0 (92.9)	
	15 (-9.4)	387.0 (113.4)	370.4 (108.6)	353.6 (103.6)	336.8 (98.7)	320.0 (93.8)	303.2 (88.9)	286.4 (83.9)	
	10 (-12.2)	349.2 (102.3)	334.2 (97.9)	319.0 (93.5)	303.6 (89)	288.4 (84.5)	273.0 (80)	257.8 (75.6)	
	5 (-15)	314.0 (92)	300.2 (88)	286.4 (83.9)	272.6 (79.9)	258.8 (75.8)	244.8 (71.7)	231.0 (67.7)	
	0 (-17.8)	281.0 (82.4)	268.6 (78.7)	256.2 (75.1)	243.8 (71.5)	231.2 (67.8)	218.6 (64.1)	206.2 (60.4)	
TVD061M8-B Compressor Model 4GE-30	30 (-1.1)	592.8 (173.7)	568.8 (166.7)	545.0 (159.7)	521.2 (152.7)	497.4 (145.8)	473.6 (138.8)	450.0 (131.9)	
	25 (-3.9)	540.0 (158.3)	518.2 (151.9)	496.4 (145.5)	474.6 (139.1)	452.8 (132.7)	431.0 (126.3)	409.4 (120)	
	20 (-6.7)	490.2 (143.7)	470.2 (137.8)	450.4 (132)	430.6 (126.2)	410.8 (120.4)	391.0 (114.6)	371.2 (108.8)	
	15 (-9.4)	443.2 (129.9)	425.0 (124.6)	407.0 (119.3)	389.0 (114)	371.0 (108.7)	353.2 (103.5)	335.2 (98.2)	
	10 (-12.2)	399.0 (116.9)	382.6 (112.1)	366.4 (107.4)	350.0 (102.6)	333.8 (97.8)	317.6 (93.1)	301.4 (88.3)	
	5 (-15)	357.6 (104.8)	343.0 (100.5)	328.2 (96.2)	313.6 (91.9)	299.0 (87.6)	284.4 (83.3)	269.8 (79.1)	
	0 (-17.8)	319.0 (93.5)	305.8 (89.6)	292.6 (85.8)	279.6 (81.9)	266.4 (78.1)	253.4 (74.3)	240.2 (70.4)	
TVD071M8-B Compressor Model 6HE-35	30 (-1.1)	760.0 (222.7)	728.2 (213.4)	696.4 (204.1)	664.6 (194.8)	632.8 (185.5)	601.0 (176.1)	569.2 (166.8)	
	25 (-3.9)	693.0 (203.1)	663.8 (194.5)	634.4 (185.9)	605.2 (177.4)	575.8 (168.7)	546.6 (160.2)	517.4 (151.6)	
	20 (-6.7)	629.8 (184.6)	603.0 (176.7)	576.2 (168.9)	549.2 (161)	522.4 (153.1)	495.6 (145.2)	468.6 (137.3)	
	15 (-9.4)	570.4 (167.2)	545.8 (160)	521.4 (152.8)	496.8 (145.6)	472.2 (138.4)	447.8 (131.2)	423.2 (124)	
	10 (-12.2)	514.6 (150.8)	492.4 (144.3)	470.2 (137.8)	447.8 (131.2)	425.4 (124.7)	403.0 (118.1)	380.6 (111.5)	
	5 (-15)	462.4 (135.5)	442.4 (129.7)	422.2 (123.7)	402.0 (117.8)	381.6 (111.8)	361.4 (105.9)	341.0 (99.9)	
	0 (-17.8)	413.8 (121.3)	395.8 (116)	377.6 (110.7)	359.2 (105.3)	341.0 (99.9)	322.6 (94.5)	304.2 (89.2)	
TVD081M8-B Compressor Model 6GE-40	30 (-1.1)	863.8 (253.2)	827.0 (242.4)	790.2 (231.6)	753.2 (220.7)	716.4 (210)	679.6 (199.2)	642.8 (188.4)	
	25 (-3.9)	788.6 (231.1)	754.8 (221.2)	721.0 (211.3)	687.2 (201.4)	653.4 (191.5)	619.4 (181.5)	585.6 (171.6)	
	20 (-6.7)	717.4 (210.2)	686.6 (201.2)	655.8 (192.2)	624.8 (183.1)	593.8 (174)	563.0 (165)	532.0 (155.9)	
	15 (-9.4)	650.4 (190.6)	622.4 (182.4)	594.4 (174.2)	566.2 (165.9)	538.0 (157.7)	509.8 (149.4)	481.6 (141.1)	
	10 (-12.2)	587.6 (172.2)	562.2 (164.8)	536.8 (157.3)	511.2 (149.8)	485.8 (142.4)	460.2 (134.9)	434.6 (127.4)	
	5 (-15)	528.6 (154.9)	505.8 (148.2)	482.8 (141.5)	459.8 (134.8)	436.8 (128)	413.8 (121.3)	390.6 (114.5)	
	0 (-17.8)	473.6 (138.8)	453.2 (132.8)	432.6 (126.8)	411.8 (120.7)	391.2 (114.6)	370.4 (108.6)	349.4 (102.4)	
TVD101M8-B Compressor Model 6FE-50	30 (-1.1)	1020.6 (299.1)	976.6 (286.2)	932.4 (273.3)	888.2 (260.3)	844.0 (247.4)	799.8 (234.4)	- -	
	25 (-3.9)	934.4 (273.8)	894.0 (262)	853.6 (250.2)	813.0 (238.3)	772.4 (226.4)	731.8 (214.5)	691.0 (202.5)	
	20 (-6.7)	852.4 (249.8)	815.8 (239.1)	778.8 (228.2)	741.6 (217.3)	704.6 (206.5)	667.4 (195.6)	630.2 (184.7)	
	15 (-9.4)	775.0 (227.1)	741.6 (217.3)	708.0 (207.5)	674.4 (197.6)	640.6 (187.7)	606.6 (177.8)	572.8 (167.9)	
	10 (-12.2)	702.0 (205.7)	671.8 (196.9)	641.4 (188)	610.8 (179)	580.2 (170)	549.6 (161.1)	518.6 (152)	
	5 (-15)	633.4 (185.6)	606.2 (177.7)	578.8 (169.6)	551.2 (161.5)	523.6 (153.5)	495.8 (145.3)	467.8 (137.1)	
	0 (-17.8)	568.8 (166.7)	544.4 (159.5)	519.8 (152.3)	495.2 (145.1)	470.2 (137.8)	445.2 (130.5)	420.2 (123.1)	

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)		
TVD025L6-B Compressor Model 4NES-14	0 (-17.8)	192.6 (56.4)	183.2 (53.7)	174.0 (51)	164.8 (48.3)	155.4 (45.5)	146.2 (42.8)	137.0 (40.2)			
	-5 (-20.6)	172.0 (50.4)	163.6 (47.9)	155.2 (45.5)	146.8 (43)	138.4 (40.6)	130.0 (38.1)	121.6 (35.6)			
	-10 (-23.3)	152.6 (44.7)	145.2 (42.6)	137.6 (40.3)	130.0 (38.1)	122.4 (35.9)	114.8 (33.6)	107.4 (31.5)			
	-15 (-26.1)	134.8 (39.5)	128.0 (37.5)	121.2 (35.5)	114.4 (33.5)	107.6 (31.5)	100.8 (29.5)	94.0 (27.5)			
	-20 (-28.9)	118.0 (34.6)	112.0 (32.8)	106.0 (31.1)	99.8 (29.2)	93.8 (27.5)	87.8 (25.7)	81.6 (23.9)			
	-25 (-31.7)	102.8 (30.1)	97.4 (28.5)	91.8 (26.9)	86.4 (25.3)	81.0 (23.7)	75.6 (22.2)	70.2 (20.6)			
	-30 (-34.4)	88.6 (26)	83.8 (24.6)	79.0 (23.2)	74.0 (21.7)	69.2 (20.3)	64.4 (18.9)	59.6 (17.5)			
	-35 (-37.2)	75.6 (22.2)	71.4 (20.9)	67.0 (19.6)	62.6 (18.3)	58.4 (17.1)	54.0 (15.8)	49.8 (14.6)			
TVD031L6-B Compressor Model 4HE-18	-40 (-40)	63.8 (18.7)	60.0 (17.6)	56.0 (16.4)	52.0 (15.2)	48.2 (14.1)	44.4 (13)	40.6 (11.9)			
	0 (-17.8)	273.6 (80.2)	261.4 (76.6)	249.4 (73.1)	237.2 (69.5)	225.2 (66)	213.0 (62.4)	201.0 (58.9)			
	-5 (-20.6)	245.0 (71.8)	234.0 (68.6)	223.2 (65.4)	212.2 (62.2)	201.2 (59)	190.4 (55.8)	179.4 (52.6)			
	-10 (-23.3)	218.2 (63.9)	208.4 (61.1)	198.6 (58.2)	188.8 (55.3)	179.0 (52.5)	169.2 (49.6)	159.4 (46.7)			
	-15 (-26.1)	193.4 (56.7)	184.6 (54.1)	175.8 (51.5)	167.0 (48.9)	158.2 (46.4)	149.4 (43.8)	140.6 (41.2)			
	-20 (-28.9)	170.2 (49.9)	162.4 (47.6)	154.6 (45.3)	146.6 (43)	138.8 (40.7)	131.0 (38.4)	123.2 (36.1)			
	-25 (-31.7)	148.8 (43.6)	141.8 (41.6)	134.8 (39.5)	127.8 (37.5)	120.8 (35.4)	113.8 (33.4)	106.8 (31.3)			
	-30 (-34.4)	129.0 (37.8)	122.8 (36)	116.6 (34.2)	110.2 (32.3)	104.0 (30.5)	97.8 (28.7)	91.6 (26.8)			
TVD041L6-B Compressor Model 4GE-23	-35 (-37.2)	110.8 (32.5)	105.2 (30.8)	99.6 (29.2)	94.0 (27.5)	88.6 (26)	83.0 (24.3)	77.6 (22.7)			
	-40 (-40)	93.8 (27.5)	89.0 (26.1)	84.0 (24.6)	79.0 (23.2)	74.0 (21.7)	69.2 (20.3)	64.2 (18.8)			
	0 (-17.8)	311.6 (91.3)	298.0 (87.3)	284.4 (83.3)	270.6 (79.3)	257.0 (75.3)	243.2 (71.3)	229.6 (67.3)			
	-5 (-20.6)	280.2 (82.1)	267.8 (78.5)	255.6 (74.9)	243.2 (71.3)	230.8 (67.6)	218.6 (64.1)	206.2 (60.4)			
	-10 (-23.3)	250.6 (73.4)	239.6 (70.2)	228.6 (67)	217.4 (63.7)	206.4 (60.5)	195.4 (57.3)	184.2 (54)			
	-15 (-26.1)	222.8 (65.3)	213.0 (62.4)	203.2 (59.6)	193.4 (56.7)	183.4 (53.7)	173.6 (50.9)	163.8 (48)			
	-20 (-28.9)	197.0 (57.7)	188.4 (55.2)	179.6 (52.6)	170.8 (50.1)	162.0 (47.5)	153.2 (44.9)	144.6 (42.4)			
	-25 (-31.7)	173.0 (50.7)	165.4 (48.5)	157.6 (46.2)	149.8 (43.9)	142.0 (41.6)	134.2 (39.3)	126.6 (37.1)			
TVD051L6-B Compressor Model 6HE-28	-30 (-34.4)	150.8 (44.2)	144.0 (42.2)	137.0 (40.2)	130.2 (38.2)	123.4 (36.2)	116.6 (34.2)	109.8 (32.2)			
	-35 (-37.2)	130.2 (38.2)	124.2 (36.4)	118.0 (34.6)	112.0 (32.8)	106.0 (31.1)	100.0 (29.3)	94.0 (27.5)			
	-40 (-40)	111.2 (32.6)	105.8 (31)	100.4 (29.4)	95.0 (27.8)	89.6 (26.3)	84.4 (24.7)	79.2 (23.2)			
	0 (-17.8)	388.2 (113.8)	370.8 (108.7)	353.4 (103.6)	336.2 (98.5)	319.0 (93.5)	301.8 (88.4)	284.6 (83.4)			
	-5 (-20.6)	348.8 (102.2)	333.0 (97.6)	317.4 (93)	301.6 (88.4)	286.0 (83.8)	270.4 (79.2)	254.8 (74.7)			
	-10 (-23.3)	311.8 (91.4)	297.6 (87.2)	283.4 (83.1)	269.2 (78.9)	255.0 (74.7)	241.0 (70.6)	226.8 (66.5)			
	-15 (-26.1)	277.0 (81.2)	264.4 (77.5)	251.6 (73.7)	238.8 (70)	226.2 (66.3)	213.4 (62.5)	200.6 (58.8)			
	-20 (-28.9)	244.8 (71.7)	233.2 (68.3)	221.8 (65)	210.4 (61.7)	199.0 (58.3)	187.6 (55)	176.2 (51.6)			
TVD061L6-B Compressor Model 6GE-34	-25 (-31.7)	214.6 (62.9)	204.4 (59.9)	194.2 (56.9)	184.0 (53.9)	173.6 (50.9)	163.4 (47.9)	153.2 (44.9)			
	-30 (-34.4)	186.6 (54.7)	177.4 (52)	168.4 (49.4)	159.2 (46.7)	150.0 (44)	141.0 (41.3)	131.8 (38.6)			
	-35 (-37.2)	160.8 (47.1)	152.6 (44.7)	144.4 (42.3)	136.2 (39.9)	128.0 (37.5)	119.8 (35.1)	111.6 (32.7)			
	-40 (-40)	136.8 (40.1)	129.4 (37.9)	122.0 (35.8)	114.8 (33.6)	107.4 (31.5)	100.0 (29.3)	92.6 (27.1)			
	0 (-17.8)	444.2 (130.2)	425.0 (124.6)	405.8 (118.9)	386.4 (113.2)	367.2 (107.6)	347.8 (101.9)	- -			
	-5 (-20.6)	401.6 (117.7)	384.2 (112.6)	367.0 (107.6)	349.6 (102.5)	332.0 (97.3)	314.6 (92.2)	296.8 (87)			
	-10 (-23.3)	361.2 (105.9)	345.8 (101.3)	330.2 (96.8)	314.6 (92.2)	299.0 (87.6)	283.2 (83)	267.2 (78.3)			
	-15 (-26.1)	323.4 (94.8)	309.4 (90.7)	295.6 (86.6)	281.6 (82.5)	267.6 (78.4)	253.4 (74.3)	239.0 (70)			
TVD081L6-B Compressor Model 6FE-44	-20 (-28.9)	287.6 (84.3)	275.4 (80.7)	263.0 (77.1)	250.6 (73.4)	238.0 (69.8)	225.4 (66.1)	212.6 (62.3)			
	-25 (-31.7)	254.2 (74.5)	243.4 (71.3)	232.4 (68.1)	221.2 (64.8)	210.0 (61.5)	198.8 (58.3)	187.4 (54.9)			
	-30 (-34.4)	223.2 (65.4)	213.4 (62.5)	203.6 (59.7)	193.8 (56.8)	183.8 (53.9)	173.8 (50.9)	163.6 (47.9)			
	-35 (-37.2)	194.0 (56.9)	185.4 (54.3)	176.8 (51.8)	168.0 (49.2)	159.2 (46.7)	150.2 (44)	141.0 (41.3)			
	-40 (-40)	167.2 (49)	159.4 (46.7)	151.6 (44.4)	143.8 (42.1)	135.8 (39.8)	127.8 (37.5)	119.4 (35)			

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

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE	CAPACITY MBH (KW)								AMBIENT TEMPERATURE °F (°C)	
		85 (29.4)	90 (32.2)	95 (35)	100 (37.8)	105 (40.6)	110 (43.3)	115 (46.1)			
TVD025D6-B	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)			
	Compressor Model 4NES-14	-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)			
TVD031D6-B	-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)			
	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)			
	Compressor Model 4HE-18	-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)			
TVD041D6-B	-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)			
	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)			
	Compressor Model 4GE-23	-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)			
TVD051D6-B	-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)			
	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)			
	Compressor Model 6HE-28	-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)			
TVD061D6-B	-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)			
	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)			
	Compressor Model 6GE-34	-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)			

ELECTRICAL DATA - SINGLE COMPRESSOR
HIGH EFFICIENCY MODELS

60Hz

CONDENSING UNIT MODEL	COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		CONDENSER FAN MTR.			UNIT	
			RLA	LRA	QTY	WATTS	FLA	MCA	MOP
TVS016H8-	HT3B -B	4PES-15-2NU-Y	208-230/3/60	60.0	294	2	3700	13.2	88.2
	HT4B -B	4PES-15-2NU-Y	460/3/60	27.1	147	2	3700	6.2	40.1
	HT5B -B	4PES-15-5PU-Y	575/3/60	21.8	117	2	3700	5.0	32.3
TVS021H8-	HT3B -B	4NES-20-2NU-Y	208-230/3/60	71.1	352	2	3700	13.2	102.1
	HT4B -B	4NES-20-2NU-Y	460/3/60	32.1	176	2	3700	6.2	46.3
	HT5B -B	4NES-20-5PU-Y	575/3/60	26.3	140	2	3700	5.0	37.9
TVS026H8-	HT3B -B	4HE-25-2NU-Y	208-230/3/60	93.2	436	3	5550	19.8	136.3
	HT4B -B	4HE-25-2NU-Y	460/3/60	42.1	218	3	5550	9.3	61.9
	HT5B -B	4HE-25-5PU-Y	575/3/60	33.6	174	3	5550	7.5	49.5
TVS031H8-	HT3B -B	4GE-30-2NU-Y	208-230/3/60	110.6	490	3	5550	19.8	158.1
	HT4B -B	4GE-30-2NU-Y	460/3/60	50.0	245	3	5550	9.3	71.8
	HT5B -B	4GE-30-5PU-Y	575/3/60	40.0	196	3	5550	7.5	57.5
TVS036H8-	HT3B -B	6HE-35-2NU-Y	208-230/3/60	129.5	550	4	7400	26.4	188.3
	HT4B -B	6HE-35-2NU-Y	460/3/60	58.6	275	4	7400	12.4	85.7
	HT5B -B	6HE-35-5PU-Y	575/3/60	46.4	220	4	7400	10.0	68.0
TVS041H8-	HT3B -B	6GE-40-2NU-Y	208-230/3/60	173.8	700	4	7400	26.4	243.7
	HT4B -B	6GE-40-2NU-Y	460/3/60	78.6	350	4	7400	12.4	110.7
	HT5B -B	6GE-40-5PU-Y	575/3/60	62.9	280	4	7400	10.0	88.6
TVS051H8-	HT3B -B	6FE-50-2NU-Y	208-230/3/60	176.9	950	4	7400	26.4	247.5
	HT4B -B	6FE-50-2NU-Y	460/3/60	80.0	425	4	7400	12.4	112.4
	HT5B -B	6FE-50-5PU-Y	575/3/60	63.6	340	4	7400	10.0	89.5
TVS016M8-	HT3B -B	4PES-15-2NU-Y	208-230/3/60	60.0	294	2	3700	13.2	88.2
	HT4B -B	4PES-15-2NU-Y	460/3/60	27.1	147	2	3700	6.2	40.1
	HT5B -B	4PES-15-5PU-Y	575/3/60	21.8	117	2	3700	5.0	32.3
TVS021M8-	HT3B -B	4NES-20-2NU-Y	208-230/3/60	71.1	352	2	3700	13.2	102.1
	HT4B -B	4NES-20-2NU-Y	460/3/60	32.1	176	2	3700	6.2	46.3
	HT5B -B	4NES-20-5PU-Y	575/3/60	26.3	140	2	3700	5.0	37.9
TVS026M8-	HT3B -B	4HE-25-2NU-Y	208-230/3/60	93.2	436	3	5550	19.8	136.3
	HT4B -B	4HE-25-2NU-Y	460/3/60	42.1	218	3	5550	9.3	61.9
	HT5B -B	4HE-25-5PU-Y	575/3/60	33.6	174	3	5550	7.5	49.5
TVS031M8-	HT3B -B	4GE-30-2NU-Y	208-230/3/60	110.6	490	3	5550	19.8	158.1
	HT4B -B	4GE-30-2NU-Y	460/3/60	50.0	245	3	5550	9.3	71.8
	HT5B -B	4GE-30-5PU-Y	575/3/60	40.0	196	3	5550	7.5	57.5
TVS036M8-	HT3B -B	6HE-35-2NU-Y	208-230/3/60	129.5	550	4	7400	26.4	188.3
	HT4B -B	6HE-35-2NU-Y	460/3/60	58.6	275	4	7400	12.4	85.7
	HT5B -B	6HE-35-5PU-Y	575/3/60	46.4	220	4	7400	10.0	68.0
TVS041M8-	HT3B -B	6GE-40-2NU-Y	208-230/3/60	173.8	700	4	7400	26.4	243.7
	HT4B -B	6GE-40-2NU-Y	460/3/60	78.6	350	4	7400	12.4	110.7
	HT5B -B	6GE-40-5PU-Y	575/3/60	62.9	280	4	7400	10.0	88.6
TVS051M8-	HT3B -B	6FE-50-2NU-Y	208-230/3/60	176.9	950	4	7400	26.4	247.5
	HT4B -B	6FE-50-2NU-Y	460/3/60	80.0	425	4	7400	12.4	112.4
	HT5B -B	6FE-50-5PU-Y	575/3/60	63.6	340	4	7400	10.0	89.5
TVS013L 6/8 -	HT3B -B	4NES-14-2NU-Y	208-230/3/60	49.0	252	1	1850	6.6	67.9
	HT4B -B	4NES-14-2NU-Y	460/3/60	22.1	126	1	1850	3.1	30.7
	HT5B -B	4NES-14-5PU-Y	575/3/60	17.7	101	1	1850	2.5	24.6
TVS016L 6/8 -	HT3B -B	4HE-18-2NU-Y	208-230/3/60	66.7	352	2	3700	13.2	96.6
	HT4B -B	4HE-18-2NU-Y	460/3/60	30.1	176	2	3700	6.2	43.8
	HT5B -B	4HE-18-5PU-Y	575/3/60	24.1	140	2	3700	5.0	35.1
TVS021L 6/8 -	HT3B -B	4GE-23-2NU-Y	208-230/3/60	71.1	352	2	3700	13.2	102.1
	HT4B -B	4GE-23-2NU-Y	460/3/60	32.1	176	2	3700	6.2	46.3
	HT5B -B	4GE-23-5PU-Y	575/3/60	25.7	140	2	3700	5.0	37.1
TVS026L 6/8 -	HT3B -B	6HE-28-2NU-Y	208-230/3/60	95.6	490	2	3700	13.2	132.7
	HT4B -B	6HE-28-2NU-Y	460/3/60	43.2	245	2	3700	6.2	60.2
	HT5B -B	6HE-28-5PU-Y	575/3/60	34.6	196	2	3700	5.0	48.3
TVS031L 6/8 -	HT3B -B	6GE-34-2NU-Y	208-230/3/60	104.3	490	2	3700	13.2	143.6
	HT4B -B	6GE-34-2NU-Y	460/3/60	47.1	245	2	3700	6.2	65.1
	HT5B -B	6GE-34-5PU-Y	575/3/60	37.1	196	2	3700	5.0	51.4
TVS041L 6/8 -	HT3B -B	6FE-44-2NU-Y	208-230/3/60	120.1	700	3	5550	19.8	169.9
	HT4B -B	6FE-44-2NU-Y	460/3/60	54.3	350	3	5550	9.3	77.2
	HT5B -B	6FE-44-5PU-Y	575/3/60	43.6	280	3	5550	7.5	62.0
TVS013D 6/8 -	HT3B -B	4NES-14-2NU-Y	208-230/3/60	49.0	252	1	900	4.9	66.2
	HT4B -B	4NES-14-2NU-Y	460/3/60	22.1	126	1	900	2.2	29.8
	HT5B -B	4NES-14-5PU-Y	575/3/60	17.7	101	1	900	2.1	24.2
TVS016D 6/8 -	HT3B -B	4HE-18-2NU-Y	208-230/3/60	66.7	352	2	1800	9.8	93.2
	HT4B -B	4HE-18-2NU-Y	460/3/60	30.1	176	2	1800	4.4	42.0
	HT5B -B	4HE-18-5PU-Y	575/3/60	24.1	140	2	1800	4.2	34.3
TVS021D 6/8 -	HT3B -B	4GE-23-2NU-Y	208-230/3/60	71.1	352	2	1800	9.8	98.7
	HT4B -B	4GE-23-2NU-Y	460/3/60	32.1	176	2	1800	4.4	44.5
	HT5B -B	4GE-23-5PU-Y	575/3/60	25.7	140	2	1800	4.2	36.3
TVS026D 6/8 -	HT3B -B	6HE-28-2NU-Y	208-230/3/60	95.6	490	2	1800	9.8	129.3
	HT4B -B	6HE-28-2NU-Y	460/3/60	43.2	245	2	1800	4.4	58.4
	HT5B -B	6HE-28-5PU-Y	575/3/60	34.6	196	2	1800	4.2	47.5
TVS031D 6/8 -	HT3B -B	6GE-34-2NU-Y	208-230/3/60	104.3	490	2	1800	9.8	140.2
	HT4B -B	6GE-34-2NU-Y	460/3/60	47.1	245	2	1800	4.4	63.3
	HT5B -B	6GE-34-5PU-Y	575/3/60	37.1	196	2	1800	4.2	50.6

**ELECTRICAL DATA - DUAL COMPRESSOR
HIGH EFFICIENCY MODELS**

60Hz

CONDENSING UNIT MODEL	COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		CONDENSER FAN MTR.			UNIT	
			RLA	LRA	QTY	WATTS	FLA	MCA	MOP
TVD031H-8-	HT3B -B	4PES-15-2NU-Y	208-230/3/60	60.0	294	4	7400	26.4	161.4
	HT4B -B	4PES-15-2NU-Y	460/3/60	27.1	147	4	7400	12.4	73.4
	HT5B -B	4PES-15-5PU-Y	575/3/60	21.8	117	4	7400	10.0	59.1
TVD041H-8-	HT3B -B	4NES-20-2NU-Y	208-230/3/60	71.1	352	4	7400	26.4	186.4
	HT4B -B	4NES-20-2NU-Y	460/3/60	32.1	176	4	7400	12.4	84.6
	HT5B -B	4NES-20-5PU-Y	575/3/60	26.3	140	4	7400	10.0	69.2
TVD051H-8-	HT3B -B	4HE-25-2NU-Y	208-230/3/60	93.2	436	6	11100	39.6	249.3
	HT4B -B	4HE-25-2NU-Y	460/3/60	42.1	218	6	11100	18.6	113.3
	HT5B -B	4HE-25-5PU-Y	575/3/60	33.6	174	6	11100	15.0	90.6
TVD061H-8-	HT3B -B	4GE-30-2NU-Y	208-230/3/60	110.6	490	6	11100	39.6	288.5
	HT4B -B	4GE-30-2NU-Y	460/3/60	50.0	245	6	11100	18.6	131.1
	HT5B -B	4GE-30-5PU-Y	575/3/60	40.0	196	6	11100	15.0	105.0
TVD071H-8-	HT3B -B	6HE-35-2NU-Y	208-230/3/60	129.5	550	8	14800	52.8	344.2
	HT4B -B	6HE-35-2NU-Y	460/3/60	58.6	275	8	14800	24.8	156.7
	HT5B -B	6HE-35-5PU-Y	575/3/60	46.4	220	8	14800	20.0	124.4
TVD081H-8-	HT3B -B	6GE-40-2NU-Y	208-230/3/60	173.8	700	8	14800	52.8	443.9
	HT4B -B	6GE-40-2NU-Y	460/3/60	78.6	350	8	14800	24.8	201.7
	HT5B -B	6GE-40-5PU-Y	575/3/60	62.9	280	8	14800	20.0	161.5
TVD101H-8-	HT3B -B	6FE-50-2NU-Y	208-230/3/60	176.9	950	8	14800	52.8	450.8
	HT4B -B	6FE-50-2NU-Y	460/3/60	80.0	425	8	14800	24.8	204.8
	HT5B -B	6FE-50-5PU-Y	575/3/60	63.6	340	8	14800	20.0	163.1
TVD031M-8-	HT3B -B	4PES-15-2NU-Y	208-230/3/60	60.0	294	4	7400	26.4	161.4
	HT4B -B	4PES-15-2NU-Y	460/3/60	27.1	147	4	7400	12.4	73.4
	HT5B -B	4PES-15-5PU-Y	575/3/60	21.8	117	4	7400	10.0	59.1
TVD041M-8-	HT3B -B	4NES-20-2NU-Y	208-230/3/60	71.1	352	4	7400	26.4	186.4
	HT4B -B	4NES-20-2NU-Y	460/3/60	32.1	176	4	7400	12.4	84.6
	HT5B -B	4NES-20-5PU-Y	575/3/60	26.3	140	4	7400	10.0	69.2
TVD051M-8-	HT3B -B	4HE-25-2NU-Y	208-230/3/60	93.2	436	6	11100	39.6	249.3
	HT4B -B	4HE-25-2NU-Y	460/3/60	42.1	218	6	11100	18.6	113.3
	HT5B -B	4HE-25-5PU-Y	575/3/60	33.6	174	6	11100	15.0	90.6
TVD061M-8-	HT3B -B	4GE-30-2NU-Y	208-230/3/60	110.6	490	6	11100	39.6	288.5
	HT4B -B	4GE-30-2NU-Y	460/3/60	50.0	245	6	11100	18.6	131.1
	HT5B -B	4GE-30-5PU-Y	575/3/60	40.0	196	6	11100	15.0	105.0
TVD071M-8-	HT3B -B	6HE-35-2NU-Y	208-230/3/60	129.5	550	8	14800	52.8	344.2
	HT4B -B	6HE-35-2NU-Y	460/3/60	58.6	275	8	14800	24.8	156.7
	HT5B -B	6HE-35-5PU-Y	575/3/60	46.4	220	8	14800	20.0	124.4
TVD081M-8-	HT3B -B	6GE-40-2NU-Y	208-230/3/60	173.8	700	8	14800	52.8	443.9
	HT4B -B	6GE-40-2NU-Y	460/3/60	78.6	350	8	14800	24.8	201.7
	HT5B -B	6GE-40-5PU-Y	575/3/60	62.9	280	8	14800	20.0	161.5
TVD101M-8-	HT3B -B	6FE-50-2NU-Y	208-230/3/60	176.9	950	8	14800	52.8	450.8
	HT4B -B	6FE-50-2NU-Y	460/3/60	80.0	425	8	14800	24.8	204.8
	HT5B -B	6FE-50-5PU-Y	575/3/60	63.6	340	8	14800	20.0	163.1
TVD025L 6/8 -	HT3B -B	4NES-14-2NU-Y	208-230/3/60	49.0	252	2	3700	13.2	123.5
	HT4B -B	4NES-14-2NU-Y	460/3/60	22.1	126	2	3700	6.2	55.9
	HT5B -B	4NES-14-5PU-Y	575/3/60	17.7	101	2	3700	5.0	44.8
TVD031L 6/8 -	HT3B -B	4HE-18-2NU-Y	208-230/3/60	66.7	352	4	7400	26.4	176.5
	HT4B -B	4HE-18-2NU-Y	460/3/60	30.1	176	4	7400	12.4	80.1
	HT5B -B	4HE-18-5PU-Y	575/3/60	24.1	140	4	7400	10.0	64.2
TVD041L 6/8 -	HT3B -B	4GE-23-2NU-Y	208-230/3/60	71.1	352	4	7400	26.4	186.4
	HT4B -B	4GE-23-2NU-Y	460/3/60	32.1	176	4	7400	12.4	84.6
	HT5B -B	4GE-23-5PU-Y	575/3/60	25.7	140	4	7400	10.0	67.8
TVD051L 6/8 -	HT3B -B	6HE-28-2NU-Y	208-230/3/60	95.6	490	4	7400	26.4	241.5
	HT4B -B	6HE-28-2NU-Y	460/3/60	43.2	245	4	7400	12.4	109.6
	HT5B -B	6HE-28-5PU-Y	575/3/60	34.6	196	4	7400	10.0	87.9
TVD061L 6/8 -	HT3B -B	6GE-34-2NU-Y	208-230/3/60	104.3	490	4	7400	26.4	261.1
	HT4B -B	6GE-34-2NU-Y	460/3/60	47.1	245	4	7400	12.4	118.4
	HT5B -B	6GE-34-5PU-Y	575/3/60	37.1	196	4	7400	10.0	93.5
TVD081L 6/8 -	HT3B -B	6FE-44-2NU-Y	208-230/3/60	120.1	700	6	11100	39.6	309.8
	HT4B -B	6FE-44-2NU-Y	460/3/60	54.3	350	6	11100	18.6	140.8
	HT5B -B	6FE-44-5PU-Y	575/3/60	43.6	280	6	11100	15.0	113.1
TVD025D 6/8 -	HT3B -B	4NES-14-2NU-Y	208-230/3/60	49.0	252	2	3700	13.2	123.5
	HT4B -B	4NES-14-2NU-Y	460/3/60	22.1	126	2	3700	6.2	55.9
	HT5B -B	4NES-14-5PU-Y	575/3/60	17.7	101	2	3700	5.0	44.8
TVD031D 6/8 -	HT3B -B	4HE-18-2NU-Y	208-230/3/60	66.7	352	4	7400	26.4	176.5
	HT4B -B	4HE-18-2NU-Y	460/3/60	30.1	176	4	7400	12.4	80.1
	HT5B -B	4HE-18-5PU-Y	575/3/60	24.1	140	4	7400	10.0	64.2
TVD041D 6/8 -	HT3B -B	4GE-23-2NU-Y	208-230/3/60	71.1	352	4	7400	26.4	186.4
	HT4B -B	4GE-23-2NU-Y	460/3/60	32.1	176	4	7400	12.4	84.6
	HT5B -B	4GE-23-5PU-Y	575/3/60	25.7	140	4	7400	10.0	67.8
TVD051D 6/8 -	HT3B -B	6HE-28-2NU-Y	208-230/3/60	95.6	490	4	7400	26.4	241.5
	HT4B -B	6HE-28-2NU-Y	460/3/60	43.2	245	4	7400	12.4	109.6
	HT5B -B	6HE-28-5PU-Y	575/3/60	34.6	196	4	7400	10.0	87.9
TVD061D 6/8 -	HT3B -B	6GE-34-2NU-Y	208-230/3/60	104.3	490	4	7400	26.4	261.1
	HT4B -B	6GE-34-2NU-Y	460/3/60	47.1	245	4	7400	12.4	118.4
	HT5B -B	6GE-34-5PU-Y	575/3/60	37.1	196	4	7400	10.0	93.5

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

CONDENSING UNIT MODEL	COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		CONDENSER FAN MTR. **			UNIT	
			RLA	LRA	QTY	WATTS	FLA	MCA	MOP
TVS016H8-	HT3B -B	4PES-15-2NU-Y	208-230/3/60	60.0	294	2	3700	12.4	87.4
	HT4B -B	4PES-15-2NU-Y	460/3/60	27.1	147	2	3700	6.2	40.1
	HT5B -B	4PES-15-5PU-Y	575/3/60	21.8	117	2	3700	5.0	32.3
TVS021H8-	HT3B -B	4NES-20-2NU-Y	208-230/3/60	71.1	352	2	3700	12.4	101.3
	HT4B -B	4NES-20-2NU-Y	460/3/60	32.1	176	2	3700	6.2	46.3
	HT5B -B	4NES-20-5PU-Y	575/3/60	26.3	140	2	3700	5.0	37.9
TVS026H8-	HT3B -B	4HE-25-2NU-Y	208-230/3/60	93.2	436	3	5550	18.6	135.1
	HT4B -B	4HE-25-2NU-Y	460/3/60	42.1	218	3	5550	9.3	61.9
	HT5B -B	4HE-25-5PU-Y	575/3/60	33.6	174	3	5550	7.5	49.5
TVS031H8-	HT3B -B	4GE-30-2NU-Y	208-230/3/60	110.6	490	3	5550	18.6	156.9
	HT4B -B	4GE-30-2NU-Y	460/3/60	50.0	245	3	5550	9.3	71.8
	HT5B -B	4GE-30-5PU-Y	575/3/60	40.0	196	3	5550	7.5	57.5
TVS036H8-	HT3B -B	6HE-35-2NU-Y	208-230/3/60	129.5	550	4	7400	24.8	186.7
	HT4B -B	6HE-35-2NU-Y	460/3/60	58.6	275	4	7400	12.4	85.7
	HT5B -B	6HE-35-5PU-Y	575/3/60	46.4	220	4	7400	10.0	68.0
TVS041H8-	HT3B -B	6GE-40-2NU-Y	208-230/3/60	173.8	700	4	7400	24.8	242.1
	HT4B -B	6GE-40-2NU-Y	460/3/60	78.6	350	4	7400	12.4	110.7
	HT5B -B	6GE-40-5PU-Y	575/3/60	62.9	280	4	7400	10.0	88.6
TVS051H8-	HT3B -B	6FE-50-2NU-Y	208-230/3/60	176.9	950	4	7400	24.8	245.9
	HT4B -B	6FE-50-2NU-Y	460/3/60	80.0	425	4	7400	12.4	112.4
	HT5B -B	6FE-50-5PU-Y	575/3/60	63.6	340	4	7400	10.0	89.5
TVS016M8-	HT3B -B	4PES-15-2NU-Y	208-230/3/60	60.0	294	2	3700	12.4	87.4
	HT4B -B	4PES-15-2NU-Y	460/3/60	27.1	147	2	3700	6.2	40.1
	HT5B -B	4PES-15-5PU-Y	575/3/60	21.8	117	2	3700	5.0	32.3
TVS021M8-	HT3B -B	4NES-20-2NU-Y	208-230/3/60	71.1	352	2	3700	12.4	101.3
	HT4B -B	4NES-20-2NU-Y	460/3/60	32.1	176	2	3700	6.2	46.3
	HT5B -B	4NES-20-5PU-Y	575/3/60	26.3	140	2	3700	5.0	37.9
TVS026M8-	HT3B -B	4HE-25-2NU-Y	208-230/3/60	93.2	436	3	5550	18.6	135.1
	HT4B -B	4HE-25-2NU-Y	460/3/60	42.1	218	3	5550	9.3	61.9
	HT5B -B	4HE-25-5PU-Y	575/3/60	33.6	174	3	5550	7.5	49.5
TVS031M8-	HT3B -B	4GE-30-2NU-Y	208-230/3/60	110.6	490	3	5550	18.6	156.9
	HT4B -B	4GE-30-2NU-Y	460/3/60	50.0	245	3	5550	9.3	71.8
	HT5B -B	4GE-30-5PU-Y	575/3/60	40.0	196	3	5550	7.5	57.5
TVS036M8-	HT3B -B	6HE-35-2NU-Y	208-230/3/60	129.5	550	4	7400	24.8	186.7
	HT4B -B	6HE-35-2NU-Y	460/3/60	58.6	275	4	7400	12.4	85.7
	HT5B -B	6HE-35-5PU-Y	575/3/60	46.4	220	4	7400	10.0	68.0
TVS041M8-	HT3B -B	6GE-40-2NU-Y	208-230/3/60	173.8	700	4	7400	24.8	242.1
	HT4B -B	6GE-40-2NU-Y	460/3/60	78.6	350	4	7400	12.4	110.7
	HT5B -B	6GE-40-5PU-Y	575/3/60	62.9	280	4	7400	10.0	88.6
TVS051M8-	HT3B -B	6FE-50-2NU-Y	208-230/3/60	176.9	950	4	7400	24.8	245.9
	HT4B -B	6FE-50-2NU-Y	460/3/60	80.0	425	4	7400	12.4	112.4
	HT5B -B	6FE-50-5PU-Y	575/3/60	63.6	340	4	7400	10.0	89.5
TVS013L 6/8 -	HT3B -B	4NES-14-2NU-Y	208-230/3/60	49.0	252	1	1850	6.2	67.5
	HT4B -B	4NES-14-2NU-Y	460/3/60	22.1	126	1	1850	3.1	30.7
	HT5B -B	4NES-14-5PU-Y	575/3/60	17.7	101	1	1850	2.5	24.6
TVS016L 6/8 -	HT3B -B	4HE-18-2NU-Y	208-230/3/60	66.7	352	2	3700	12.4	95.8
	HT4B -B	4HE-18-2NU-Y	460/3/60	30.1	176	2	3700	6.2	43.8
	HT5B -B	4HE-18-5PU-Y	575/3/60	24.1	140	2	3700	5.0	35.1
TVS021L 6/8 -	HT3B -B	4GE-23-2NU-Y	208-230/3/60	71.1	352	2	3700	12.4	101.3
	HT4B -B	4GE-23-2NU-Y	460/3/60	32.1	176	2	3700	6.2	46.3
	HT5B -B	4GE-23-5PU-Y	575/3/60	25.7	140	2	3700	5.0	37.1
TVS026L 6/8 -	HT3B -B	6HE-28-2NU-Y	208-230/3/60	95.6	490	2	3700	12.4	131.9
	HT4B -B	6HE-28-2NU-Y	460/3/60	43.2	245	2	3700	6.2	60.2
	HT5B -B	6HE-28-5PU-Y	575/3/60	34.6	196	2	3700	5.0	48.3
TVS031L 6/8 -	HT3B -B	6GE-34-2NU-Y	208-230/3/60	104.3	490	2	3700	12.4	142.8
	HT4B -B	6GE-34-2NU-Y	460/3/60	47.1	245	2	3700	6.2	65.1
	HT5B -B	6GE-34-5PU-Y	575/3/60	37.1	196	2	3700	5.0	51.4
TVS041L 6/8 -	HT3B -B	6FE-44-2NU-Y	208-230/3/60	120.1	700	3	5550	18.6	168.7
	HT4B -B	6FE-44-2NU-Y	460/3/60	54.3	350	3	5550	9.3	77.2
	HT5B -B	6FE-44-5PU-Y	575/3/60	43.6	280	3	5550	7.5	62.0

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

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

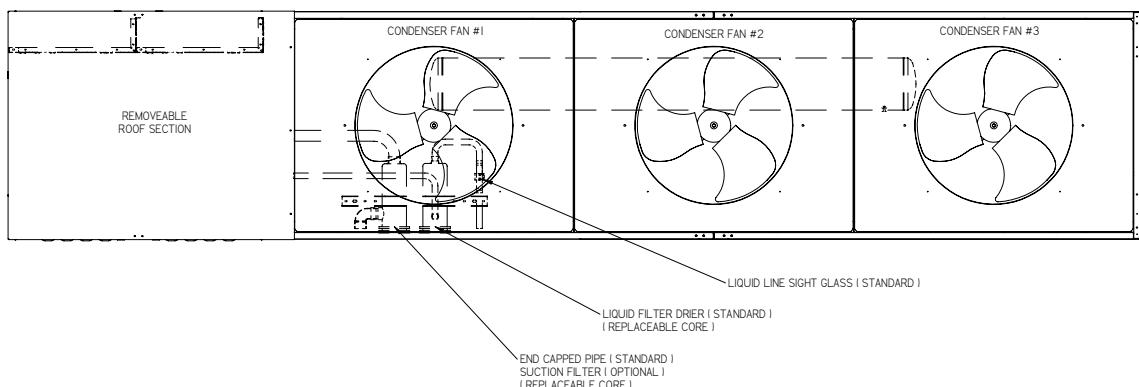
CONDENSING UNIT MODEL	COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		CONDENSER FAN MTR. **			UNIT	
			RLA	LRA	QTY	WATTS	FLA	MCA	MOP
TVD031H8-	HT3B -B	4PES-15-2NU-Y	208-230/3/60	60.0	294	4	7400	24.8	159.8
	HT4B -B	4PES-15-2NU-Y	460/3/60	27.1	147	4	7400	12.4	73.4
	HT5B -B	4PES-15-5PU-Y	575/3/60	21.8	117	4	7400	10.0	59.1
TVD041H8-	HT3B -B	4NES-20-2NU-Y	208-230/3/60	71.1	352	4	7400	24.8	184.8
	HT4B -B	4NES-20-2NU-Y	460/3/60	32.1	176	4	7400	12.4	84.6
	HT5B -B	4NES-20-5PU-Y	575/3/60	26.3	140	4	7400	10.0	69.2
TVD051H8-	HT3B -B	4HE-25-2NU-Y	208-230/3/60	93.2	436	6	11100	37.2	246.9
	HT4B -B	4HE-25-2NU-Y	460/3/60	42.1	218	6	11100	18.6	113.3
	HT5B -B	4HE-25-5PU-Y	575/3/60	33.6	174	6	11100	15.0	90.6
TVD061H8-	HT3B -B	4GE-30-2NU-Y	208-230/3/60	110.6	490	6	11100	37.2	286.1
	HT4B -B	4GE-30-2NU-Y	460/3/60	50.0	245	6	11100	18.6	131.1
	HT5B -B	4GE-30-5PU-Y	575/3/60	40.0	196	6	11100	15.0	105.0
TVD071H8-	HT3B -B	6HE-35-2NU-Y	208-230/3/60	129.5	550	8	14800	49.6	341.0
	HT4B -B	6HE-35-2NU-Y	460/3/60	58.6	275	8	14800	24.8	156.7
	HT5B -B	6HE-35-5PU-Y	575/3/60	46.4	220	8	14800	20.0	124.4
TVD081H8-	HT3B -B	6GE-40-2NU-Y	208-230/3/60	173.8	700	8	14800	49.6	440.7
	HT4B -B	6GE-40-2NU-Y	460/3/60	78.6	350	8	14800	24.8	201.7
	HT5B -B	6GE-40-5PU-Y	575/3/60	62.9	280	8	14800	20.0	161.5
TVD101H8-	HT3B -B	6FE-50-2NU-Y	208-230/3/60	176.9	950	8	14800	49.6	447.6
	HT4B -B	6FE-50-2NU-Y	460/3/60	80.0	425	8	14800	24.8	204.8
	HT5B -B	6FE-50-5PU-Y	575/3/60	63.6	340	8	14800	20.0	163.1
TVD031M8-	HT3B -B	4PES-15-2NU-Y	208-230/3/60	60.0	294	4	7400	24.8	159.8
	HT4B -B	4PES-15-2NU-Y	460/3/60	27.1	147	4	7400	12.4	73.4
	HT5B -B	4PES-15-5PU-Y	575/3/60	21.8	117	4	7400	10.0	59.1
TVD041M8-	HT3B -B	4NES-20-2NU-Y	208-230/3/60	71.1	352	4	7400	24.8	184.8
	HT4B -B	4NES-20-2NU-Y	460/3/60	32.1	176	4	7400	12.4	84.6
	HT5B -B	4NES-20-5PU-Y	575/3/60	26.3	140	4	7400	10.0	69.2
TVD051M8-	HT3B -B	4HE-25-2NU-Y	208-230/3/60	93.2	436	6	11100	37.2	246.9
	HT4B -B	4HE-25-2NU-Y	460/3/60	42.1	218	6	11100	18.6	113.3
	HT5B -B	4HE-25-5PU-Y	575/3/60	33.6	174	6	11100	15.0	90.6
TVD061M8-	HT3B -B	4GE-30-2NU-Y	208-230/3/60	110.6	490	6	11100	37.2	286.1
	HT4B -B	4GE-30-2NU-Y	460/3/60	50.0	245	6	11100	18.6	131.1
	HT5B -B	4GE-30-5PU-Y	575/3/60	40.0	196	6	11100	15.0	105.0
TVD071M8-	HT3B -B	6HE-35-2NU-Y	208-230/3/60	129.5	550	8	14800	49.6	341.0
	HT4B -B	6HE-35-2NU-Y	460/3/60	58.6	275	8	14800	24.8	156.7
	HT5B -B	6HE-35-5PU-Y	575/3/60	46.4	220	8	14800	20.0	124.4
TVD081M8-	HT3B -B	6GE-40-2NU-Y	208-230/3/60	173.8	700	8	14800	49.6	440.7
	HT4B -B	6GE-40-2NU-Y	460/3/60	78.6	350	8	14800	24.8	201.7
	HT5B -B	6GE-40-5PU-Y	575/3/60	62.9	280	8	14800	20.0	161.5
TVD101M8-	HT3B -B	6FE-50-2NU-Y	208-230/3/60	176.9	950	8	14800	49.6	447.6
	HT4B -B	6FE-50-2NU-Y	460/3/60	80.0	425	8	14800	24.8	204.8
	HT5B -B	6FE-50-5PU-Y	575/3/60	63.6	340	8	14800	20.0	163.1
TVD025L 6/8 -	HT3B -B	4NES-14-2NU-Y	208-230/3/60	49.0	252	2	3700	12.4	122.7
	HT4B -B	4NES-14-2NU-Y	460/3/60	22.1	126	2	3700	6.2	55.9
	HT5B -B	4NES-14-5PU-Y	575/3/60	17.7	101	2	3700	5.0	44.8
TVD031L 6/8 -	HT3B -B	4HE-18-2NU-Y	208-230/3/60	66.7	352	4	7400	24.8	174.9
	HT4B -B	4HE-18-2NU-Y	460/3/60	30.1	176	4	7400	12.4	80.1
	HT5B -B	4HE-18-5PU-Y	575/3/60	24.1	140	4	7400	10.0	64.2
TVD041L 6/8 -	HT3B -B	4GE-23-2NU-Y	208-230/3/60	71.1	352	4	7400	24.8	184.8
	HT4B -B	4GE-23-2NU-Y	460/3/60	32.1	176	4	7400	12.4	84.6
	HT5B -B	4GE-23-5PU-Y	575/3/60	25.7	140	4	7400	10.0	67.8
TVD051L 6/8 -	HT3B -B	6HE-28-2NU-Y	208-230/3/60	95.6	490	4	7400	24.8	239.9
	HT4B -B	6HE-28-2NU-Y	460/3/60	43.2	245	4	7400	12.4	109.6
	HT5B -B	6HE-28-5PU-Y	575/3/60	34.6	196	4	7400	10.0	87.9
TVD061L 6/8 -	HT3B -B	6GE-34-2NU-Y	208-230/3/60	104.3	490	4	7400	24.8	259.5
	HT4B -B	6GE-34-2NU-Y	460/3/60	47.1	245	4	7400	12.4	118.4
	HT5B -B	6GE-34-5PU-Y	575/3/60	37.1	196	4	7400	10.0	93.5
TVD081L 6/8 -	HT3B -B	6FE-44-2NU-Y	208-230/3/60	120.1	700	6	11100	37.2	307.4
	HT4B -B	6FE-44-2NU-Y	460/3/60	54.3	350	6	11100	18.6	140.8
	HT5B -B	6FE-44-5PU-Y	575/3/60	43.6	280	6	11100	15.0	113.1

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

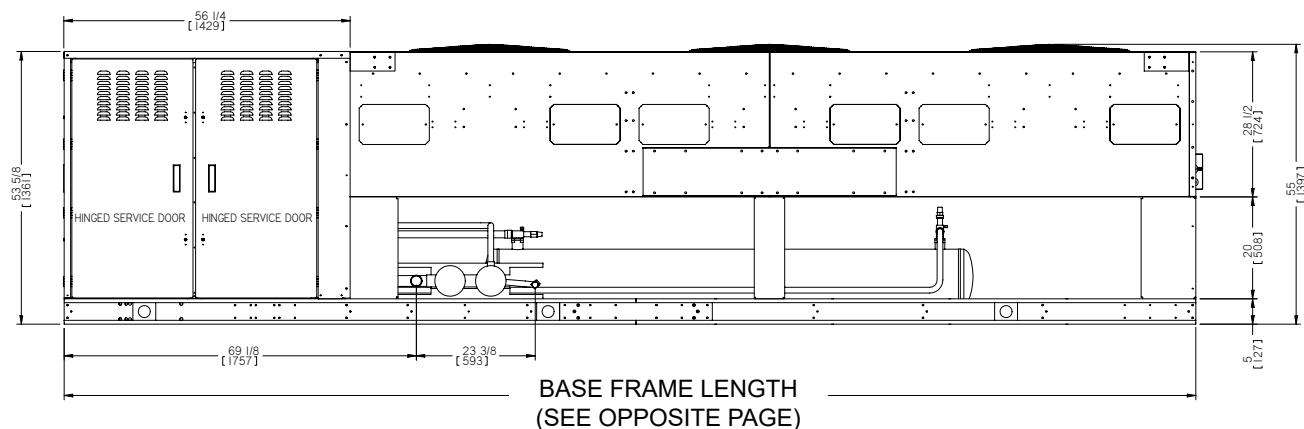
TVS**DIMENSIONAL DATA - SINGLE COMPRESSOR
HIGH EFFICIENCY MODELS****60Hz**

TOP VIEW

ELECTRICAL COMPARTMENTS (WITH HINGED DOOR)

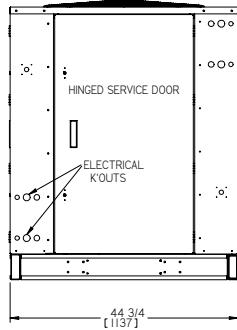


SIDE VIEW



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

COMPRESSOR-END VIEW

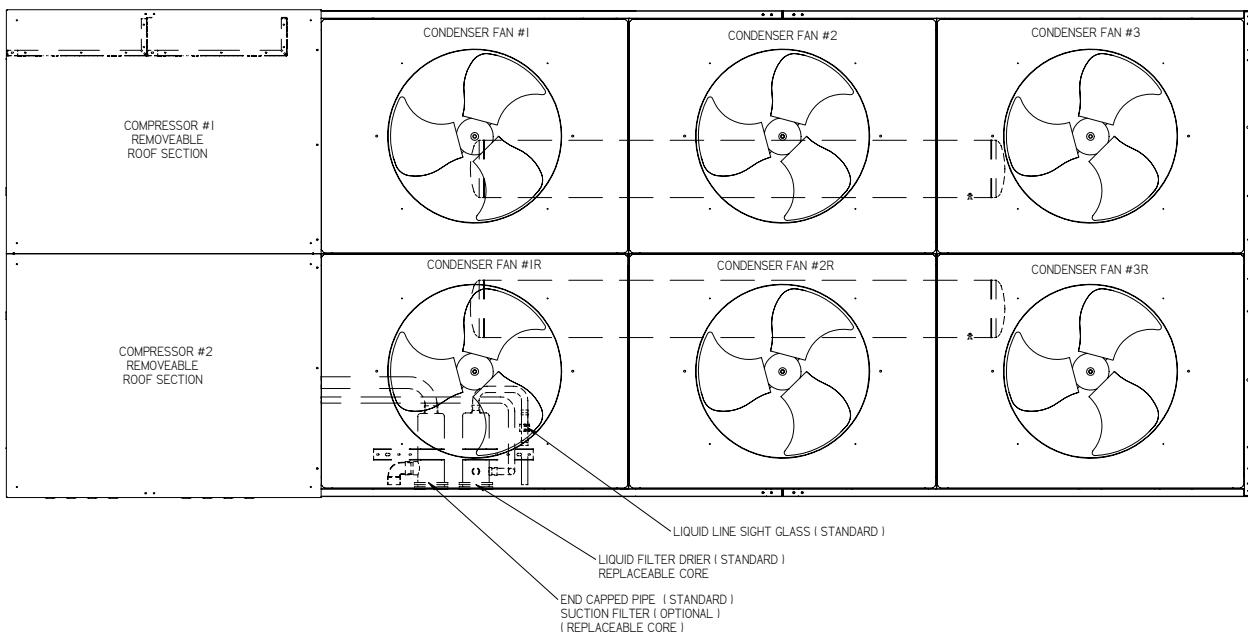
**TVS-B**
BITZER**HIGH EFFICIENCY MODELS**

CONDENSING UNIT MODEL	BASE FRAME LENGTH	
	inches	mm
TVS016H8-H**B-B	167 3/8	4251
TVS021H8-H**B-B	167 3/8	4251
TVS026H8-H**B-B	222 3/8	5648
TVS031H8-H**B-B	222 3/8	5648
TVS036H8-H**B-B	277 3/8	7045
TVS041H8-H**B-B	277 3/8	7045
TVS051H8-H**B-B	277 3/8	7045
TVS041L6-H**B-B	222 3/8	5648
TVS016M8-H**B-B	167 3/8	4251
TVS021M8-H**B-B	167 3/8	4251
TVS026M8-H**B-B	222 3/8	5648
TVS031M8-H**B-B	222 3/8	5648
TVS036M8-H**B-B	277 3/8	7045
TVS041M8-H**B-B	277 3/8	7045
TVS051M8-H**B-B	277 3/8	7045
TVS013L 6/8 -H**B-B	112 3/8	2854
TVS016L 6/8 -H**B-B	167 3/8	4251
TVS021L 6/8 -H**B-B	167 3/8	4251
TVS026L 6/8 -H**B-B	167 3/8	4251
TVS031L 6/8 -H**B-B	167 3/8	4251
TVS013D 6/8 -H**B-B	112 3/8	2854
TVS016D 6/8 -H**B-B	167 3/8	4251
TVS021D 6/8 -H**B-B	167 3/8	4251
TVS026D 6/8 -H**B-B	167 3/8	4251
TVS031D 6/8 -H**B-B	167 3/8	4251

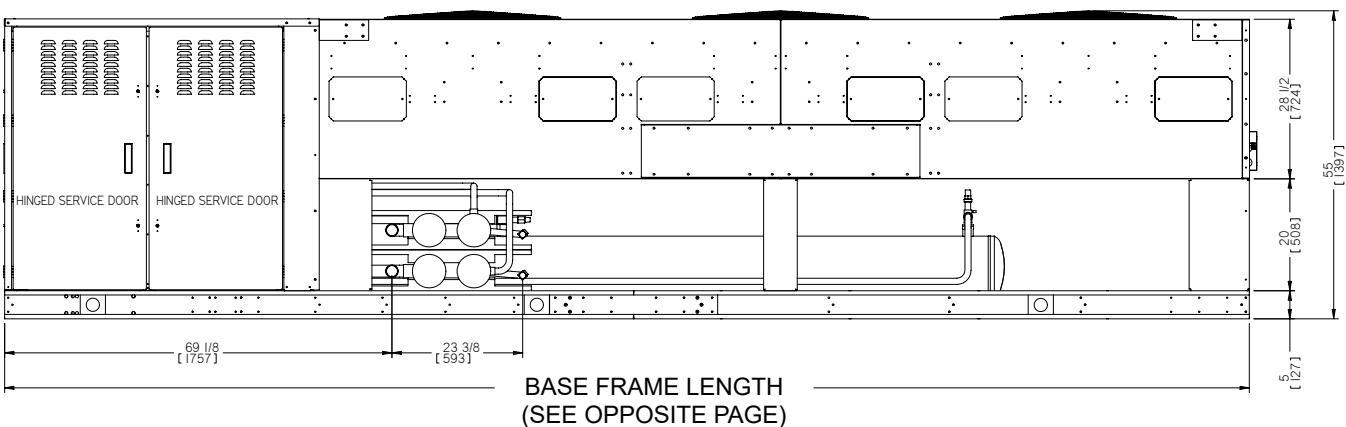
TVD**DIMENSIONAL DATA - DUAL COMPRESSOR
HIGH EFFICIENCY MODELS****60Hz**

TOP VIEW

ELECTRICAL COMPARTMENTS (WITH HINGED DOOR)

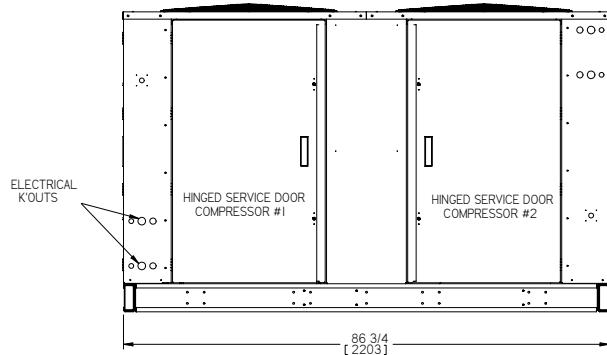


SIDE VIEW



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

COMPRESSOR-END VIEW

**TVS-B
BITZER
HIGH EFFICIENCY MODELS**

CONDENSING UNIT MODEL	BASE FRAME LENGTH	
	inches	mm
TVD031H8-H**B-B	167 3/8	4251
TVD041H8-H**B-B	167 3/8	4251
TVD051H8-H**B-B	222 3/8	5648
TVD061H8-H**B-B	222 3/8	5648
TVD071H8-H**B-B	277 3/8	7045
TVD081H8-H**B-B	277 3/8	7045
TVD101H8-H**B-B	277 3/8	7045
TVD031M8-H**B-B	167 3/8	4251
TVD041M8-H**B-B	167 3/8	4251
TVD051M8-H**B-B	222 3/8	5648
TVD061M8-H**B-B	222 3/8	5648
TVD071M8-H**B-B	277 3/8	7045
TVD081M8-H**B-B	277 3/8	7045
TVD101M8-H**B-B	277 3/8	7045
TVD025L 6/8 -H**B-B	112 3/8	2854
TVD031L 6/8 -H**B-B	167 3/8	4251
TVD041L 6/8 -H**B-B	167 3/8	4251
TVD051L 6/8 -H**B-B	167 3/8	4251
TVD061L 6/8 -H**B-B	167 3/8	4251
TVD081L 6/8 -H**B-B	222 3/8	5648
TVD025D 6/8 -H**B-B	112 3/8	2854
TVD031D 6/8 -H**B-B	167 3/8	4251
TVD041D 6/8 -H**B-B	167 3/8	4251
TVD051D 6/8 -H**B-B	167 3/8	4251
TVD061D 6/8 -H**B-B	167 3/8	4251

TVS-B
BITZER

SPECIFICATIONS - SINGLE COMPRESSOR HIGH EFFICIENCY MODELS

60Hz

CONDENSING UNIT MODEL	CONDENSER FANS	UNIT CONNECTIONS				R404A RECEIVER CAPACITY 90% FULL *		APPROX. SHIPPING WEIGHT	
		SUCTION (OD)		LIQUID (OD)					
		Inches	mm	Inches	mm	Lbs.	Kgs	Lbs.	Kgs
TVS016H8-H**B-B	2	1 5/8	41	7/8	22	124	56.3	2190	995
TVS021H8-H**B-B	2	1 5/8	41	7/8	22	124	56.3	2275	1034
TVS026H8-H**B-B	3	2 1/8	54	1 1/8	29	157	71.2	2870	1304
TVS031H8-H**B-B	3	2 1/8	54	1 1/8	29	189	85.8	3025	1375
TVS036H8-H**B-B	4	2 1/8	54	1 1/8	29	254	115.3	3615	1643
TVS041H8-H**B-B	4	2 1/8	54	1 3/8	35	254	115.3	3810	1732
TVS051H8-H**B-B	4	2 1/8	54	1 3/8	35	254	115.3	3815	1734
TVS016M8-H**B-B	2	1 5/8	41	7/8	22	124	56.3	2195	998
TVS021M8-H**B-B	2	1 5/8	41	7/8	22	124	56.3	2270	1032
TVS026M8-H**B-B	3	2 1/8	54	1 1/8	29	157	71.2	2875	1307
TVS031M8-H**B-B	3	2 1/8	54	1 1/8	29	189	85.8	3035	1379
TVS036M8-H**B-B	4	2 1/8	54	1 1/8	29	254	115.3	3615	1643
TVS041M8-H**B-B	4	2 1/8	54	1 1/8	29	254	115.3	3770	1713
TVS051M8-H**B-B	4	2 1/8	54	1 1/8	29	254	115.3	3780	1718
TVS013L 6/8 -H**B-B	1	1 3/8	35	5/8	16	124	56.3	1695	770
TVS016L 6/8 -H**B-B	2	1 5/8	41	7/8	22	124	56.3	2285	1039
TVS021L 6/8 -H**B-B	2	2 1/8	54	7/8	22	124	56.3	2355	1070
TVS026L 6/8 -H**B-B	2	2 1/8	54	1 1/8	29	157	71.2	2545	1157
TVS031L 6/8 -H**B-B	2	2 1/8	54	1 1/8	29	157	71.2	2565	1166
TVS041L 6/8 -H**B-B	3	2 1/8	54	1 1/8	29	189	85.8	3000	1363
TVS013D 6/8 -H**B-B	1	1 3/8	35	5/8	16	124	56.3	1695	770
TVS016D 6/8 -H**B-B	2	1 5/8	41	7/8	22	124	56.3	2285	1039
TVS021D 6/8 -H**B-B	2	2 1/8	54	7/8	22	124	56.3	2355	1070
TVS026D 6/8 -H**B-B	2	2 1/8	54	1 1/8	29	157	71.2	2545	1157
TVS031D 6/8 -H**B-B	2	2 1/8	54	1 1/8	29	157	71.2	2565	1166

TVD-B
BITZER

SPECIFICATIONS - DUAL COMPRESSOR HIGH EFFICIENCY MODELS

60Hz

CONDENSING UNIT MODEL	CONDENSER FANS	UNIT CONNECTIONS				R404A RECEIVER CAPACITY 90% FULL *		APPROX. SHIPPING WEIGHT	
		SUCTION (OD)		LIQUID (OD)					
		Inches	mm	Inches	mm	Lbs.	Kgs	Lbs.	Kgs
TVD031H8-H**B-B	2	1 5/8	41	7/8	22	124	56.3	3925	1784
TVD041H8-H**B-B	2	1 5/8	41	7/8	22	124	56.3	4095	1861
TVD051H8-H**B-B	3	2 1/8	54	1 1/8	29	157	71.2	5185	2357
TVD061H8-H**B-B	3	2 1/8	54	1 1/8	29	189	85.8	5485	2493
TVD071H8-H**B-B	4	2 1/8	54	1 1/8	29	254	115.3	6530	2968
TVD081H8-H**B-B	4	2 1/8	54	1 3/8	35	254	115.3	6900	3136
TVD101H8-H**B-B	4	2 1/8	54	1 3/8	35	254	115.3	6920	3145
TVD031M8-H**B-B	2	1 5/8	41	7/8	22	124	56.3	3935	1788
TVD041M8-H**B-B	2	1 5/8	41	7/8	22	124	56.3	4080	1854
TVD051M8-H**B-B	3	2 1/8	54	1 1/8	29	157	71.2	5190	2359
TVD061M8-H**B-B	3	2 1/8	54	1 1/8	29	189	85.8	5500	2500
TVD071M8-H**B-B	4	2 1/8	54	1 1/8	29	254	115.3	6535	2970
TVD081M8-H**B-B	4	2 1/8	54	1 1/8	29	254	115.3	6825	3102
TVD101M8-H**B-B	4	2 1/8	54	1 1/8	29	254	115.3	6845	3111
TVD025L 6/8 -H**B-B	1	1 3/8	35	5/8	16	124	56.3	3010	1368
TVD031L 6/8 -H**B-B	2	1 5/8	41	7/8	22	124	56.3	4115	1870
TVD041L 6/8 -H**B-B	2	2 1/8	54	7/8	22	124	56.3	4255	1934
TVD051L 6/8 -H**B-B	2	2 1/8	54	1 1/8	29	157	71.2	4635	2107
TVD061L 6/8 -H**B-B	2	2 1/8	54	1 1/8	29	157	71.2	4675	2125
TVD081L 6/8 -H**B-B	3	2 1/8	54	1 1/8	29	189	85.8	5445	2475
TVD025D 6/8 -H**B-B	1	1 3/8	35	5/8	16	124	56.3	3010	1368
TVD031D 6/8 -H**B-B	2	1 5/8	41	7/8	22	124	56.3	4115	1870
TVD041D 6/8 -H**B-B	2	2 1/8	54	7/8	22	124	56.3	4255	1934
TVD051D 6/8 -H**B-B	2	2 1/8	54	1 1/8	29	157	71.2	4635	2107
TVD061D 6/8 -H**B-B	2	2 1/8	54	1 1/8	29	157	71.2	4675	2125

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

R407A	R407C	R448A R449A	R507	R22
1.10	1.10	1.05	1.00	1.15

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

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	R407C
TVS016H8-B	7.6	7.6	7.6	-
TVS021H8-B	7.6	7.6	7.6	7.6
TVS026H8-B	7.6	7.6	7.6	-
TVS031H8-B	7.6	7.6	7.6	7.6
TVS036H8-B	7.6	7.6	7.6	-
TVS041H8-B	7.6	7.6	7.6	7.6
TVD031H8-B	7.6	7.6	7.6	-
TVD041H8-B	7.6	7.6	7.6	7.6
TVD051H8-B	7.6	7.6	7.6	-
TVD061H8-B	7.6	7.6	7.6	7.6
TVD071H8-B	7.6	7.6	7.6	-
TVD081H8-B	7.6	7.6	7.6	7.6
TVS016M8-B	7.6	7.6	7.6	-
TVS021M8-B	7.6	7.6	7.6	7.6
TVS026M8-B	7.6	7.6	7.6	7.6
TVS031M8-B	7.6	7.6	7.6	7.6
TVS036M8-B	7.6	7.6	7.6	7.6
TVS041M8-B	7.6	7.6	7.6	7.6
TVS051M8-B	7.6	7.6	7.6	7.6
TVD031M8-B	7.6	7.6	7.6	-
TVD041M8-B	7.6	7.6	7.6	7.6
TVD051M8-B	7.6	7.6	7.6	7.6
TVD061M8-B	7.6	7.6	7.6	7.6
TVD071M8-B	7.6	7.6	7.6	7.6
TVD081M8-B	7.6	7.6	7.6	7.6
TVD101M8-B	7.6	7.6	7.6	7.6

— = Non-compliant model

Annual Walk-In Energy Factor Ratings - Low Temperature

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

Base Unit Model	Outdoor Models			
	R404A R507	R407A	R448A R449A	R407C
TVS013L*-B	-	-	-	-
TVS016L*-B	-	-	-	-
TVS021L*-B	-	-	-	-
TVS026L*-B	-	-	-	-
TVS031L*-B	-	-	-	-
TVS041L*-B	-	-	-	-
TVD025L*-B	-	-	-	-
TVD031L*-B	-	-	-	-
TVD041L*-B	-	-	-	-
TVD051L*-B	-	-	-	-
TVD061L*-B	-	-	-	-
TVD081L*-B	-	-	-	-
TVS013D*-B	3.15	3.15	3.15	-
TVS016D*-B	3.15	3.15	3.15	-
TVS021D*-B	3.15	3.15	3.15	-
TVS026D*-B	3.15	3.15	3.15	-
TVS031D*-B	3.15	3.15	3.15	-
TVS041D*-B	-	-	-	-
TVD025D*-B	3.15	3.15	3.15	-
TVD031D*-B	3.15	3.15	3.15	-
TVD041D*-B	3.15	3.15	3.15	-
TVD051D*-B	3.15	3.15	3.15	-
TVD061D*-B	3.15	3.15	3.15	-
TVD081D*-B	-	-	-	-

— = Non-compliant model

TVS/D**WIRING DIAGRAMS****60Hz**

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

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
email: mdcu-lgcu@t-rp.com
call: 1-844-893-3222 x522



TROUBLESHOOTING

email: troubleshooting@t-rp.com
call: 1-844-893-3222 x529



SERVICE PARTS

web: www.t-rp.com/parts
email: parts@t-rp.com
call: 1-844-893-3222 x504



WARRANTY

web: www.t-rp.com/warranty
email: warranty@t-rp.com
call: 1-844-893-3222 x507



ORDERS

email: orders@t-rp.com
call: 1-844-893-3222 x501



SHIPPING

email: shipping@t-rp.com
call: 1-844-893-3222 x503



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

