



KV-Line **Generation E - COPELAND** Condensing Units

PRODUCT DATA & SPECIFICATIONS

Part # 1112411-A



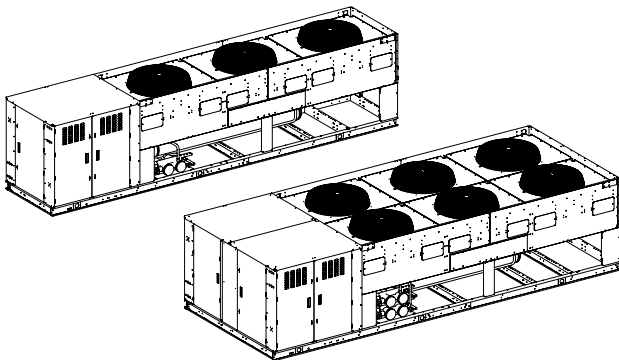
**Outdoor Air-Cooled
Condensing Units**

15 to 100 HP - High and Medium
Temperature Refrigeration

10 to 80 HP - Low Temperature
Refrigeration

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

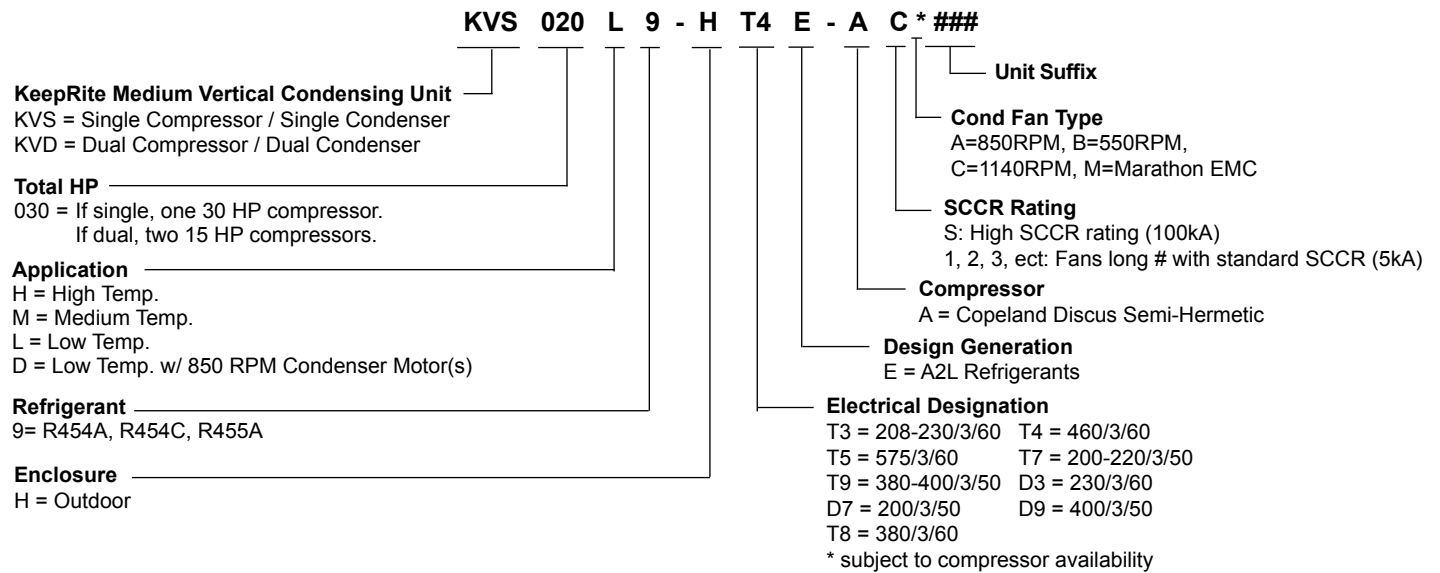
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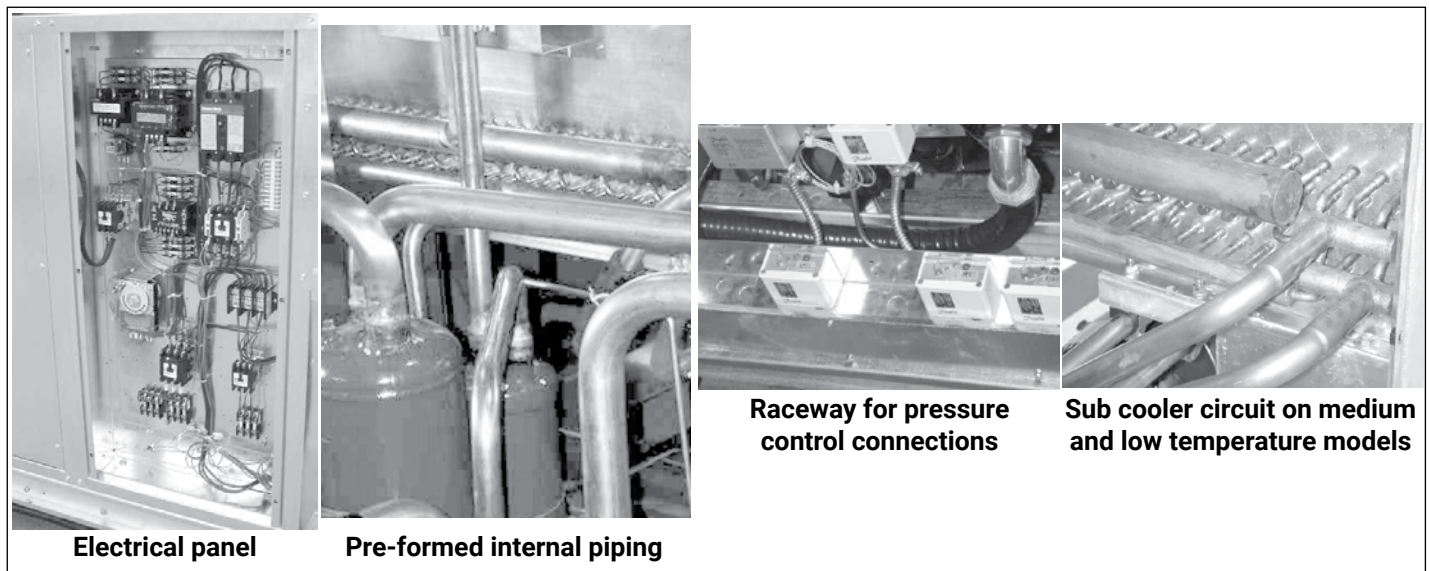
THIS DOCUMENT CONTAINS DATA FOR UNITS EQUIPPED WITH COPELAND COMPRESSORS.
 FOR UNITS WITH BITZER COMPRESSORS, PLEASE MANUAL 1112411-B

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Features



Features - All Models

- Compatible with Low GWP Refrigerants
- Units are C_{UL}US Listed.
- Designed for use with various popular refrigerants.
- Energy efficient compressors with POE oil. Several options to choose from: Copeland Discus, Bitzer reciprocating.
- Single, dual and parallel-piped (optional) compressor configurations available.
- Thermospan™ condenser core design eliminates tube sheet leaks and provides reliable operation.
- 3/8" condenser tubes reduces refrigerant charge.
- Generously sized 12 FPI 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 H9 models) increases overall system efficiency and provides dependable compressor operation.

Features - All Models continued

- 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.
- Red Tags and Labeling to indicate A2L refrigerant use.

STANDARD EFFICIENCY MODELS

Features

- Spring mount compressor with discharge vibration eliminator
- Compressor head cooling fans on low temperature models (except L9 units)
- Compressor crankcase heater
- Flexible hose on all compressor pressure control connections
- Two valve adjustable (pre-set at factory) Low Ambient head pressure control
- Condenser fan cycling control (pressure) on two-fan models and up
- Receiver inlet/outlet valves and safety pressure relief valve
- Replaceable liquid line drier & sight glass
- Anti-short cycle time delay relay
- Fused condenser fan motors
- Oil failure control (non-electronic)
- Separate HP and LP compressor controls
- Part-winding start on all 30 HP and up, operating on 208/230V-3Ph
- Lock out relay
- Sub-cooling circuit on medium and low temperature units
- Electronic liquid injection on L9 units
- Suction line vibration eliminator

HIGH EFFICIENCY MODELS

Features

- All features in Stand Efficiency Models
- **Oversized condenser coils**

Available Options

Factory installed Options include:

- Suction line vibration eliminator
- Suction accumulator (with or without heat exchanger)
- Replaceable suction filter
- Insulated suction lines.
- Crankcase Pressure Regulating valve
- Compressor capacity control (cylinder unloading on 4Y 6Y compressors or Moduload™ on 3Y 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
- 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

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, R454A.

METHOD:

- Go to the R454A 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 KVS030L9 with capacity **118.0 MBH**.




SELECTION OF TWO-COMPRESSOR UNITS:

KVD condensing units are dual compressor units.

The ratings shown are the total capacity of two compressors operating simultaneously.

Standard KVD models are designed with two independently operating systems, each with a separate refrigeration circuit.

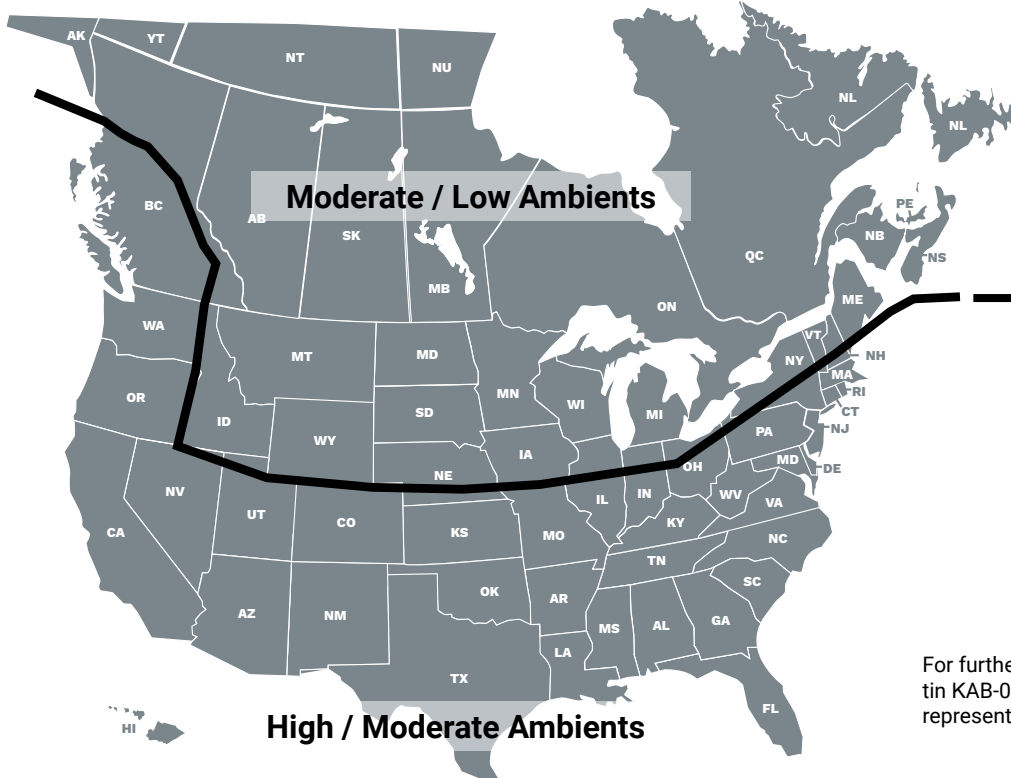
Optional parallel piped compressors (one total system) are available. Consult factory.

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

¹ Phase Monitor - 6 Wire

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

RECOMMENDATIONS FOR SELECTING FACTORY MOUNTED OPTION PACKAGES



Moderate / Low Ambients

High / Moderate Ambients

For Moderate / Low Ambients:
 Good: Package C
 Better: Package E
 Best: Package G

For High / Moderate Ambients:
 Good: Package B
 Better: Package D
 Best: Package F

For further details, refer to Application Bulletin KAB-0101-02-1 or contact your local sales representative.

LIMITROL+

FLOATING HEAD PRESSURE CONTROL SYSTEM

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

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

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

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

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

What are its applications?

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

How much can Limitrol+ save you?

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

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

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

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

HIGH TEMPERATURE - R454A

“H9” R454A - SINGLE WIDE

CONDENSING UNIT MODEL KVS	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
	KVS015H9-A Compressor 3YS3R16ME	45	(7.2)	226.4	(66.4)	218.2	(64)	209.8	(61.5)	201.2	(59)	192.4	(56.4)	183.5
	40	(4.4)	207.2	(60.7)	199.6	(58.5)	191.8	(56.2)	183.9	(53.9)	175.8	(51.5)	167.6	(49.1)
	35	(1.7)	189.1	(55.4)	182.1	(53.4)	175.0	(51.3)	167.7	(49.2)	160.3	(47)	152.7	(44.8)
KVS020H9-A Compressor 4YANR15ME	45	(7.2)	242.2	(71)	229.9	(67.4)	217.7	(63.8)	205.5	(60.2)	193.5	(56.7)	181.7	(53.3)
	40	(4.4)	224.0	(65.7)	212.6	(62.3)	201.1	(58.9)	189.8	(55.6)	178.6	(52.3)	167.6	(49.1)
	35	(1.7)	206.3	(60.5)	195.6	(57.3)	185.0	(54.2)	174.5	(51.1)	164.0	(48.1)	153.9	(45.1)
KVS022H9-A Compressor 4YBNR19ME	45	(7.2)	279.6	(81.9)	269.4	(79)	259.0	(75.9)	248.5	(72.8)	237.7	(69.7)	226.7	(66.4)
	40	(4.4)	255.9	(75)	246.5	(72.2)	236.9	(69.4)	227.2	(66.6)	217.2	(63.7)	207.1	(60.7)
	35	(1.7)	233.5	(68.4)	224.9	(65.9)	216.1	(63.3)	207.2	(60.7)	198.0	(58)	188.7	(55.3)
KVS025H9-A Compressor 4YHNR22ME	45	(7.2)	314.7	(92.2)	302.9	(88.8)	290.9	(85.3)	278.6	(81.7)	266.1	(78)	253.3	(74.2)
	40	(4.4)	288.7	(84.6)	277.8	(81.4)	266.7	(78.2)	255.4	(74.9)	243.8	(71.5)	232.1	(68)
	35	(1.7)	264.0	(77.4)	254.0	(74.4)	243.8	(71.5)	233.4	(68.4)	222.8	(65.3)	212.0	(62.1)
KVS030H9-A Compressor 4YJNR27ME	45	(7.2)	382.0	(112)	367.5	(107.7)	352.7	(103.4)	337.6	(98.9)	322.2	(94.4)	-	-
	40	(4.4)	350.6	(102.8)	337.2	(98.8)	323.5	(94.8)	309.6	(90.7)	295.4	(86.6)	281.0	(82.4)
	35	(1.7)	320.8	(94)	308.5	(90.4)	295.9	(86.7)	283.2	(83)	270.1	(79.2)	256.9	(75.3)
KVS035H9-A Compressor 6YHNR32ME	45	(7.2)	463.5	(135.8)	446.2	(130.8)	428.4	(125.6)	410.3	(120.3)	391.9	(114.9)	373.1	(109.3)
	40	(4.4)	424.5	(124.4)	408.5	(119.7)	392.1	(114.9)	375.4	(110)	358.4	(105)	341.1	(100)
	35	(1.7)	387.7	(113.6)	373.0	(109.3)	357.9	(104.9)	342.6	(100.4)	326.9	(95.8)	311.0	(91.1)
KVS040H9-A Compressor 6YJNR39ME	45	(7.2)	565.3	(165.7)	544.0	(159.4)	522.3	(153.1)	500.2	(146.6)	477.7	(140)	454.9	(133.3)
	40	(4.4)	517.9	(151.8)	498.2	(146)	478.2	(140.2)	457.9	(134.2)	437.2	(128.1)	416.2	(122)
	35	(1.7)	473.1	(138.7)	455.1	(133.4)	436.8	(128)	418.1	(122.5)	399.1	(117)	379.9	(111.3)

HIGH TEMPERATURE - R454C

“H9” R454C - SINGLE WIDE

CONDENSING UNIT MODEL KVS	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454C-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVS015H9-A Compressor 3YS3R16ME	45	(7.2)	195.9	(57.4)	188.9	(55.4)	181.7	(53.3)	174.4	(51.1)	166.9	(48.9)	159.2	(46.7)
	40	(4.4)	179.0	(52.5)	172.5	(50.6)	165.9	(48.6)	159.1	(46.6)	152.2	(44.6)	145.1	(42.5)
	35	(1.7)	163.1	(47.8)	157.1	(46)	151.0	(44.3)	144.8	(42.4)	138.4	(40.6)	131.9	(38.7)
KVS020H9-A Compressor 4YANR15ME	45	(7.2)	221.7	(65)	213.8	(62.7)	205.8	(60.3)	197.5	(57.9)	189.2	(55.5)	180.7	(53)
	40	(4.4)	202.4	(59.3)	195.2	(57.2)	187.7	(55)	180.1	(52.8)	172.4	(50.5)	164.6	(48.2)
	35	(1.7)	184.4	(54)	177.7	(52.1)	170.8	(50.1)	163.8	(48)	156.7	(45.9)	149.5	(43.8)
KVS022H9-A Compressor 4YBNR19ME	45	(7.2)	241.6	(70.8)	232.9	(68.3)	224.1	(65.7)	215.1	(63)	205.9	(60.3)	196.6	(57.6)
	40	(4.4)	220.7	(64.7)	212.7	(62.3)	204.6	(60)	196.2	(57.5)	187.7	(55)	179.1	(52.5)
	35	(1.7)	201.1	(58.9)	193.8	(56.8)	186.2	(54.6)	178.6	(52.3)	170.8	(50.1)	162.8	(47.7)
KVS025H9-A Compressor 4YHNR22ME	45	(7.2)	273.1	(80)	263.1	(77.1)	252.9	(74.1)	242.5	(71.1)	231.9	(68)	221.1	(64.8)
	40	(4.4)	249.9	(73.2)	240.6	(70.5)	231.2	(67.8)	221.6	(64.9)	211.8	(62.1)	201.9	(59.2)
	35	(1.7)	228.0	(66.8)	219.5	(64.3)	210.8	(61.8)	202.0	(59.2)	193.0	(56.6)	183.8	(53.9)
KVS030H9-A Compressor 4YJNR27ME	45	(7.2)	332.2	(97.4)	319.9	(93.8)	307.2	(90)	294.3	(86.3)	281.1	(82.4)	267.7	(78.5)
	40	(4.4)	304.3	(89.2)	292.8	(85.8)	281.2	(82.4)	269.2	(78.9)	257.1	(75.4)	244.7	(71.7)
	35	(1.7)	277.9	(81.4)	267.4	(78.4)	256.6	(75.2)	245.7	(72)	234.5	(68.7)	223.1	(65.4)
KVS035H9-A Compressor 6YHNR32ME	45	(7.2)	402.9	(118.1)	388.0	(113.7)	372.8	(109.3)	357.3	(104.7)	341.4	(100.1)	325.2	(95.3)
	40	(4.4)	368.2	(107.9)	354.5	(103.9)	340.4	(99.8)	326.0	(95.5)	311.3	(91.2)	296.3	(86.8)
	35	(1.7)	335.6	(98.4)	322.9	(94.6)	309.9	(90.8)	296.6	(86.9)	283.1	(83)	269.3	(78.9)
KVS040H9-A Compressor 6YJNR39ME	45	(7.2)	490.8	(143.8)	472.7	(138.5)	454.1	(133.1)	435.1	(127.5)	415.7	(121.8)	395.9	(116)
	40	(4.4)	448.8	(131.5)	432.0	(126.6)	414.9	(121.6)	397.4	(116.5)	379.5	(111.2)	361.2	(105.9)
	35	(1.7)	409.3	(120)	393.9	(115.4)	378.2	(110.8)	362.1	(106.1)	345.7	(101.3)	328.9	(96.4)

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

HIGH TEMPERATURE - R455A

“H9” R455A - SINGLE WIDE

CONDENSING UNIT MODEL KVS	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 455A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVS015H9-A Compressor 3YS3R16ME	45	(7.2)	204.7	(60)	197.0	(57.7)	189.1	(55.4)	181.1	(53.1)	172.9	(50.7)	164.5	(48.2)
	40	(4.4)	187.0	(54.8)	179.9	(52.7)	172.7	(50.6)	165.2	(48.4)	157.7	(46.2)	150.0	(44)
	35	(1.7)	170.4	(49.9)	163.9	(48)	157.2	(46.1)	150.4	(44.1)	143.4	(42)	136.4	(40)
KVS020H9-A Compressor 4YANR15ME	45	(7.2)	232.5	(68.1)	223.9	(65.6)	215.1	(63)	206.1	(60.4)	196.9	(57.7)	187.6	(55)
	40	(4.4)	212.1	(62.2)	204.2	(59.8)	196.1	(57.5)	187.8	(55)	179.3	(52.5)	170.7	(50)
	35	(1.7)	193.1	(56.6)	185.8	(54.5)	178.3	(52.3)	170.7	(50)	162.9	(47.7)	155.0	(45.4)
KVS022H9-A Compressor 4YBNR19ME	45	(7.2)	252.9	(74.1)	243.4	(71.3)	233.7	(68.5)	223.8	(65.6)	213.7	(62.6)	203.5	(59.6)
	40	(4.4)	231.0	(67.7)	222.3	(65.2)	213.3	(62.5)	204.2	(59.8)	194.9	(57.1)	185.4	(54.3)
	35	(1.7)	210.5	(61.7)	202.4	(59.3)	194.2	(56.9)	185.8	(54.5)	177.2	(51.9)	168.5	(49.4)
KVS025H9-A Compressor 4YHNR22ME	45	(7.2)	285.3	(83.6)	274.3	(80.4)	263.1	(77.1)	251.6	(73.7)	239.9	(70.3)	-	-
	40	(4.4)	261.1	(76.5)	250.9	(73.5)	240.6	(70.5)	230.0	(67.4)	219.2	(64.2)	208.3	(61)
	35	(1.7)	238.3	(69.8)	228.9	(67.1)	219.4	(64.3)	209.7	(61.5)	199.8	(58.6)	189.7	(55.6)
KVS030H9-A Compressor 4YJNR27ME	45	(7.2)	346.5	(101.6)	332.9	(97.6)	319.0	(93.5)	304.8	(89.3)	290.3	(85.1)	-	-
	40	(4.4)	317.4	(93)	304.8	(89.3)	292.0	(85.6)	278.9	(81.7)	265.5	(77.8)	-	-
	35	(1.7)	289.9	(85)	278.3	(81.6)	266.5	(78.1)	254.5	(74.6)	242.3	(71)	229.8	(67.4)
KVS035H9-A Compressor 6YHNR32ME	45	(7.2)	419.8	(123)	403.3	(118.2)	386.6	(113.3)	369.4	(108.3)	352.0	(103.2)	-	-
	40	(4.4)	383.7	(112.5)	368.6	(108)	353.1	(103.5)	337.3	(98.9)	321.2	(94.1)	304.8	(89.3)
	35	(1.7)	349.9	(102.5)	335.9	(98.4)	321.7	(94.3)	307.2	(90)	292.4	(85.7)	277.3	(81.3)
KVS040H9-A Compressor 6YJNR39ME	45	(7.2)	512.6	(150.2)	492.6	(144.4)	472.3	(138.4)	451.7	(132.4)	430.6	(126.2)	-	-
	40	(4.4)	468.6	(137.3)	450.2	(131.9)	431.5	(126.5)	412.4	(120.9)	393.0	(115.2)	-	-
	35	(1.7)	427.3	(125.2)	410.4	(120.3)	393.2	(115.2)	375.7	(110.1)	357.9	(104.9)	339.8	(99.6)

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

MEDIUM TEMPERATURE - R454A

“M9” R454A- SINGLE WIDE

CONDENSING UNIT MODEL KVS	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
	KVS015M9-A Compressor 3YS3R16ME	30	(-1.1)	172.1	(50.4)	165.7	(48.6)	159.2	(46.7)	152.5	(44.7)	145.7	(42.7)	138.8
25		(-3.9)	156.1	(45.8)	150.3	(44.1)	144.4	(42.3)	138.3	(40.5)	132.1	(38.7)	125.8	(36.9)
20		(-6.7)	141.2	(41.4)	135.9	(39.8)	130.5	(38.2)	125.0	(36.6)	119.4	(35)	113.7	(33.3)
15		(-9.4)	127.2	(37.3)	122.5	(35.9)	117.6	(34.5)	112.6	(33)	107.6	(31.5)	102.4	(30)
10		(-12.2)	114.2	(33.5)	109.9	(32.2)	105.5	(30.9)	101.1	(29.6)	96.5	(28.3)	91.9	(26.9)
5		(-15)	102.0	(29.9)	98.1	(28.8)	94.2	(27.6)	90.2	(26.4)	86.2	(25.3)	82.1	(24.1)
0		(-17.8)	90.6	(26.6)	87.1	(25.5)	83.7	(24.5)	80.1	(23.5)	76.6	(22.5)	73.0	(21.4)
KVS020M9-A Compressor 4YANR15ME	30	(-1.1)	189.1	(55.4)	179.3	(52.5)	169.4	(49.6)	159.6	(46.8)	150.0	(44)	140.6	(41.2)
	25	(-3.9)	172.6	(50.6)	163.5	(47.9)	154.4	(45.3)	145.4	(42.6)	136.5	(40)	127.9	(37.5)
	20	(-6.7)	156.8	(46)	148.4	(43.5)	140.0	(41)	131.7	(38.6)	123.6	(36.2)	115.7	(33.9)
	15	(-9.4)	141.8	(41.6)	134.1	(39.3)	126.4	(37)	118.7	(34.8)	111.3	(32.6)	104.1	(30.5)
	10	(-12.2)	127.5	(37.4)	120.5	(35.3)	113.5	(33.3)	106.5	(31.2)	99.7	(29.2)	93.1	(27.3)
	5	(-15)	114.2	(33.5)	107.8	(31.6)	101.4	(29.7)	95.0	(27.8)	88.9	(26.1)	82.9	(24.3)
	0	(-17.8)	101.8	(29.8)	96.0	(28.1)	90.2	(26.4)	84.4	(24.7)	78.8	(23.1)	73.5	(21.5)
KVS022M9-A Compressor 4YBNR19ME	30	(-1.1)	212.5	(62.3)	204.6	(60)	196.6	(57.6)	188.4	(55.2)	180.0	(52.8)	171.5	(50.3)
	25	(-3.9)	192.8	(56.5)	185.6	(54.4)	178.3	(52.3)	170.8	(50.1)	163.2	(47.8)	155.4	(45.5)
	20	(-6.7)	174.4	(51.1)	167.8	(49.2)	161.2	(47.2)	154.4	(45.3)	147.5	(43.2)	140.5	(41.2)
	15	(-9.4)	157.1	(46)	151.2	(44.3)	145.2	(42.6)	139.1	(40.8)	132.8	(38.9)	126.5	(37.1)
	10	(-12.2)	141.0	(41.3)	135.7	(39.8)	130.3	(38.2)	124.8	(36.6)	119.2	(34.9)	113.5	(33.3)
	5	(-15)	126.0	(36.9)	121.2	(35.5)	116.3	(34.1)	111.4	(32.6)	106.4	(31.2)	101.4	(29.7)
	0	(-17.8)	112.0	(32.8)	107.7	(31.6)	103.3	(30.3)	99.0	(29)	94.6	(27.7)	90.1	(26.4)
KVS025M9-A Compressor 4YHNR22ME	30	(-1.1)	240.7	(70.5)	231.5	(67.8)	222.2	(65.1)	212.7	(62.3)	203.0	(59.5)	193.1	(56.6)
	25	(-3.9)	218.7	(64.1)	210.4	(61.7)	201.9	(59.2)	193.2	(56.6)	184.4	(54)	175.4	(51.4)
	20	(-6.7)	198.0	(58)	190.5	(55.8)	182.8	(53.6)	175.0	(51.3)	167.0	(48.9)	158.9	(46.6)
	15	(-9.4)	178.7	(52.4)	171.9	(50.4)	164.9	(48.3)	157.9	(46.3)	150.7	(44.2)	143.4	(42)
	10	(-12.2)	160.5	(47)	154.4	(45.3)	148.2	(43.4)	141.8	(41.6)	135.4	(39.7)	128.9	(37.8)
	5	(-15)	143.6	(42.1)	138.1	(40.5)	132.5	(38.8)	126.9	(37.2)	121.2	(35.5)	115.4	(33.8)
	0	(-17.8)	127.7	(37.4)	122.8	(36)	117.8	(34.5)	112.9	(33.1)	107.8	(31.6)	102.8	(30.1)
KVS030M9-A Compressor 4YJNR27ME	30	(-1.1)	292.6	(85.8)	281.4	(82.5)	269.9	(79.1)	258.2	(75.7)	246.3	(72.2)	234.3	(68.7)
	25	(-3.9)	266.1	(78)	255.9	(75)	245.5	(72)	234.8	(68.8)	224.0	(65.7)	213.1	(62.5)
	20	(-6.7)	241.2	(70.7)	231.9	(68)	222.5	(65.2)	212.9	(62.4)	203.1	(59.5)	193.2	(56.6)
	15	(-9.4)	217.9	(63.9)	209.5	(61.4)	201.0	(58.9)	192.3	(56.4)	183.6	(53.8)	174.7	(51.2)
	10	(-12.2)	196.0	(57.4)	188.4	(55.2)	180.8	(53)	173.1	(50.7)	165.2	(48.4)	157.3	(46.1)
	5	(-15)	175.4	(51.4)	168.7	(49.4)	161.9	(47.5)	155.0	(45.4)	148.1	(43.4)	141.1	(41.4)
	0	(-17.8)	156.2	(45.8)	150.1	(44)	144.1	(42.2)	138.0	(40.4)	131.9	(38.7)	125.8	(36.9)
KVS035M9-A Compressor 6YHNR32ME	30	(-1.1)	353.1	(103.5)	339.6	(99.5)	325.8	(95.5)	311.8	(91.4)	297.5	(87.2)	283.0	(82.9)
	25	(-3.9)	320.6	(94)	308.3	(90.4)	295.8	(86.7)	283.0	(82.9)	270.0	(79.1)	256.8	(75.3)
	20	(-6.7)	290.2	(85.1)	279.1	(81.8)	267.7	(78.5)	256.1	(75.1)	244.4	(71.6)	232.5	(68.1)
	15	(-9.4)	261.8	(76.7)	251.7	(73.8)	241.4	(70.8)	231.0	(67.7)	220.5	(64.6)	209.8	(61.5)
	10	(-12.2)	235.2	(68.9)	226.1	(66.3)	216.9	(63.6)	207.6	(60.8)	198.2	(58.1)	188.7	(55.3)
	5	(-15)	210.3	(61.6)	202.2	(59.3)	193.9	(56.8)	185.7	(54.4)	177.3	(52)	169.0	(49.5)
	0	(-17.8)	187.0	(54.8)	179.7	(52.7)	172.4	(50.5)	165.1	(48.4)	157.8	(46.2)	150.5	(44.1)

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MEDIUM TEMPERATURE - R454A

“M9” R454A - SINGLE WIDE

CONDENSING UNIT MODEL KVS	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 455A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVS040M9-A Compressor 6YJNR39ME	30	(-1.1)	431.0	(126.3)	414.6	(121.5)	397.8	(116.6)	380.8	(111.6)	363.5	(106.5)	345.9	(101.4)
	25	(-3.9)	391.6	(114.8)	376.6	(110.4)	361.4	(105.9)	345.9	(101.4)	330.2	(96.8)	314.3	(92.1)
	20	(-6.7)	354.6	(103.9)	341.1	(100)	327.3	(95.9)	313.3	(91.8)	299.2	(87.7)	284.8	(83.5)
	15	(-9.4)	320.1	(93.8)	307.9	(90.2)	295.5	(86.6)	282.9	(82.9)	270.2	(79.2)	257.4	(75.4)
	10	(-12.2)	287.8	(84.3)	276.8	(81.1)	265.7	(77.9)	254.4	(74.6)	243.1	(71.2)	231.7	(67.9)
	5	(-15)	257.5	(75.5)	247.7	(72.6)	237.7	(69.7)	227.8	(66.8)	217.8	(63.8)	207.7	(60.9)
	0	(-17.8)	229.1	(67.1)	220.3	(64.6)	211.5	(62)	202.7	(59.4)	193.9	(56.8)	185.2	(54.3)
KVS050M9-A Compressor 6YUNR48ME	30	(-1.1)	499.4	(146.4)	479.9	(140.7)	460.0	(134.8)	439.9	(128.9)	419.4	(122.9)	398.7	(116.9)
	25	(-3.9)	454.8	(133.3)	437.1	(128.1)	419.0	(122.8)	400.7	(117.4)	382.2	(112)	363.4	(106.5)
	20	(-6.7)	412.9	(121)	396.8	(116.3)	380.5	(111.5)	364.0	(106.7)	347.3	(101.8)	330.4	(96.8)
	15	(-9.4)	373.4	(109.4)	359.0	(105.2)	344.3	(100.9)	329.5	(96.6)	314.5	(92.2)	299.4	(87.7)
	10	(-12.2)	336.4	(98.6)	323.4	(94.8)	310.3	(90.9)	297.1	(87.1)	283.8	(83.2)	270.4	(79.2)
	5	(-15)	301.6	(88.4)	289.9	(85)	278.3	(81.6)	266.5	(78.1)	254.8	(74.7)	243.0	(71.2)
	0	(-17.8)	268.7	(78.8)	258.4	(75.7)	248.0	(72.7)	237.7	(69.7)	227.4	(66.6)	217.2	(63.7)

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

MEDIUM TEMPERATURE - R454C

“M9” R454C - SINGLE WIDE

CONDENSING UNIT MODEL KVS	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454C-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVS015M9-A Compressor 3YS3R16ME	30	(-1.1)	148.2	(43.4)	142.7	(41.8)	137.1	(40.2)	131.3	(38.5)	125.5	(36.8)	119.5	(35)
	25	(-3.9)	134.2	(39.3)	129.2	(37.9)	124.0	(36.3)	118.8	(34.8)	113.4	(33.2)	108.0	(31.7)
	20	(-6.7)	121.1	(35.5)	116.5	(34.1)	111.8	(32.8)	107.1	(31.4)	102.2	(30)	97.3	(28.5)
	15	(-9.4)	108.9	(31.9)	104.7	(30.7)	100.5	(29.5)	96.2	(28.2)	91.8	(26.9)	87.4	(25.6)
	10	(-12.2)	97.5	(28.6)	93.7	(27.5)	89.9	(26.3)	86.0	(25.2)	82.1	(24.1)	78.2	(22.9)
	5	(-15)	86.8	(25.4)	83.5	(24.5)	80.1	(23.5)	76.6	(22.5)	73.1	(21.4)	69.6	(20.4)
	0	(-17.8)	76.9	(22.5)	73.9	(21.7)	70.9	(20.8)	67.9	(19.9)	64.8	(19)	61.7	(18.1)
KVS020M9-A Compressor 4YANR15ME	30	(-1.1)	167.4	(49.1)	161.3	(47.3)	155.0	(45.4)	148.6	(43.6)	142.1	(41.6)	135.5	(39.7)
	25	(-3.9)	151.5	(44.4)	145.9	(42.8)	140.2	(41.1)	134.4	(39.4)	128.4	(37.6)	122.4	(35.9)
	20	(-6.7)	136.7	(40.1)	131.6	(38.6)	126.4	(37)	121.1	(35.5)	115.7	(33.9)	110.2	(32.3)
	15	(-9.4)	122.9	(36)	118.2	(34.6)	113.5	(33.3)	108.7	(31.9)	103.9	(30.5)	98.9	(29)
	10	(-12.2)	109.9	(32.2)	105.8	(31)	101.5	(29.7)	97.2	(28.5)	92.9	(27.2)	88.4	(25.9)
	5	(-15)	97.9	(28.7)	94.1	(27.6)	90.3	(26.5)	86.5	(25.4)	82.6	(24.2)	78.7	(23.1)
	0	(-17.8)	86.7	(25.4)	83.3	(24.4)	79.9	(23.4)	76.5	(22.4)	73.1	(21.4)	69.6	(20.4)
KVS022M9-A Compressor 4YBNR19ME	30	(-1.1)	182.8	(53.6)	176.0	(51.6)	169.1	(49.6)	162.1	(47.5)	154.9	(45.4)	147.6	(43.3)
	25	(-3.9)	165.6	(48.5)	159.4	(46.7)	153.1	(44.9)	146.7	(43)	140.1	(41.1)	133.5	(39.1)
	20	(-6.7)	149.5	(43.8)	143.9	(42.2)	138.1	(40.5)	132.3	(38.8)	126.4	(37)	120.3	(35.3)
	15	(-9.4)	134.5	(39.4)	129.4	(37.9)	124.2	(36.4)	118.9	(34.8)	113.6	(33.3)	108.1	(31.7)
	10	(-12.2)	120.5	(35.3)	115.9	(34)	111.2	(32.6)	106.5	(31.2)	101.7	(29.8)	96.8	(28.4)
	5	(-15)	107.4	(31.5)	103.3	(30.3)	99.1	(29)	94.9	(27.8)	90.6	(26.6)	86.3	(25.3)
	0	(-17.8)	95.2	(27.9)	91.5	(26.8)	87.8	(25.7)	84.0	(24.6)	80.3	(23.5)	76.5	(22.4)
KVS025M9-A Compressor 4YHNR22ME	30	(-1.1)	207.4	(60.8)	199.6	(58.5)	191.7	(56.2)	183.6	(53.8)	175.3	(51.4)	166.9	(48.9)
	25	(-3.9)	188.1	(55.1)	181.0	(53)	173.7	(50.9)	166.3	(48.7)	158.8	(46.5)	151.2	(44.3)
	20	(-6.7)	170.1	(49.9)	163.6	(47.9)	157.0	(46)	150.3	(44.1)	143.4	(42)	136.5	(40)
	15	(-9.4)	153.2	(44.9)	147.3	(43.2)	141.3	(41.4)	135.3	(39.7)	129.1	(37.8)	122.9	(36)
	10	(-12.2)	137.4	(40.3)	132.1	(38.7)	126.7	(37.1)	121.3	(35.6)	115.7	(33.9)	110.2	(32.3)
	5	(-15)	122.7	(36)	117.9	(34.6)	113.1	(33.1)	108.2	(31.7)	103.3	(30.3)	98.4	(28.8)
	0	(-17.8)	108.9	(31.9)	104.6	(30.7)	100.3	(29.4)	96.0	(28.1)	91.7	(26.9)	87.4	(25.6)
KVS030M9-A Compressor 4YJNR27ME	30	(-1.1)	253.0	(74.2)	243.4	(71.3)	233.6	(68.5)	223.5	(65.5)	213.3	(62.5)	202.9	(59.5)
	25	(-3.9)	229.7	(67.3)	220.9	(64.7)	212.0	(62.1)	202.8	(59.4)	193.5	(56.7)	184.0	(53.9)
	20	(-6.7)	207.8	(60.9)	199.9	(58.6)	191.7	(56.2)	183.4	(53.8)	175.0	(51.3)	166.4	(48.8)
	15	(-9.4)	187.4	(54.9)	180.2	(52.8)	172.8	(50.6)	165.3	(48.4)	157.7	(46.2)	150.0	(44)
	10	(-12.2)	168.2	(49.3)	161.7	(47.4)	155.1	(45.5)	148.4	(43.5)	141.6	(41.5)	134.7	(39.5)
	5	(-15)	150.3	(44.1)	144.5	(42.4)	138.6	(40.6)	132.6	(38.9)	126.6	(37.1)	120.4	(35.3)
	0	(-17.8)	133.5	(39.1)	128.3	(37.6)	123.1	(36.1)	117.8	(34.5)	112.5	(33)	107.1	(31.4)
KVS035M9-A Compressor 6YHNR32ME	30	(-1.1)	304.9	(89.4)	293.3	(86)	281.4	(82.5)	269.2	(78.9)	256.8	(75.3)	244.1	(71.5)
	25	(-3.9)	276.2	(80.9)	265.6	(77.8)	254.7	(74.6)	243.5	(71.4)	232.2	(68.1)	220.7	(64.7)
	20	(-6.7)	249.4	(73.1)	239.7	(70.3)	229.7	(67.3)	219.6	(64.4)	209.4	(61.4)	199.0	(58.3)
	15	(-9.4)	224.3	(65.7)	215.5	(63.2)	206.5	(60.5)	197.4	(57.9)	188.2	(55.2)	178.8	(52.4)
	10	(-12.2)	200.9	(58.9)	193.0	(56.6)	184.9	(54.2)	176.7	(51.8)	168.5	(49.4)	160.2	(47)
	5	(-15)	179.1	(52.5)	172.0	(50.4)	164.8	(48.3)	157.5	(46.2)	150.2	(44)	142.9	(41.9)
	0	(-17.8)	158.8	(46.5)	152.4	(44.7)	146.1	(42.8)	139.7	(40.9)	133.3	(39.1)	127.0	(37.2)

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

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MEDIUM TEMPERATURE - R454C

“M9” R454C - SINGLE WIDE

CONDENSING UNIT MODEL KVS	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454C-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVS040M9-A Compressor 6YJNR39ME	30	(-1.1)	372.4	(109.1)	358.3	(105)	343.9	(100.8)	329.2	(96.5)	314.1	(92.1)	298.8	(87.6)
	25	(-3.9)	337.9	(99)	325.1	(95.3)	311.9	(91.4)	298.5	(87.5)	284.8	(83.5)	270.9	(79.4)
	20	(-6.7)	305.7	(89.6)	294.0	(86.2)	282.1	(82.7)	269.9	(79.1)	257.6	(75.5)	245.0	(71.8)
	15	(-9.4)	275.6	(80.8)	265.1	(77.7)	254.3	(74.5)	243.3	(71.3)	232.2	(68.1)	220.9	(64.7)
	10	(-12.2)	247.5	(72.5)	238.0	(69.8)	228.3	(66.9)	218.5	(64)	208.5	(61.1)	198.4	(58.1)
	5	(-15)	221.2	(64.8)	212.7	(62.3)	204.0	(59.8)	195.3	(57.2)	186.5	(54.7)	177.5	(52)
	0	(-17.8)	196.5	(57.6)	188.9	(55.4)	181.2	(53.1)	173.5	(50.8)	165.7	(48.6)	157.9	(46.3)
KVS050M9-A Compressor 6YUNR48ME	30	(-1.1)	433.2	(127)	416.4	(122)	399.3	(117)	381.8	(111.9)	364.0	(106.7)	345.8	(101.3)
	25	(-3.9)	393.9	(115.4)	378.6	(111)	363.0	(106.4)	347.1	(101.7)	330.8	(97)	314.3	(92.1)
	20	(-6.7)	357.1	(104.7)	343.2	(100.6)	329.0	(96.4)	314.6	(92.2)	300.0	(87.9)	285.0	(83.5)
	15	(-9.4)	322.6	(94.5)	310.1	(90.9)	297.3	(87.1)	284.4	(83.4)	271.2	(79.5)	257.8	(75.6)
	10	(-12.2)	290.3	(85.1)	279.1	(81.8)	267.6	(78.4)	256.0	(75)	244.3	(71.6)	232.3	(68.1)
	5	(-15)	260.0	(76.2)	249.9	(73.2)	239.7	(70.3)	229.4	(67.2)	219.0	(64.2)	208.4	(61.1)
	0	(-17.8)	231.4	(67.8)	222.4	(65.2)	213.4	(62.5)	204.3	(59.9)	195.1	(57.2)	185.9	(54.5)

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

MEDIUM TEMPERATURE - R455A

"M9" R455A - SINGLE WIDE

CONDENSING UNIT MODEL KVS	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 455A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVS015M9-A Compressor 3YS3R16ME	30	(-1.1)	154.9	(45.4)	148.9	(43.6)	142.8	(41.9)	136.5	(40)	130.2	(38.2)	123.7	(36.3)
	25	(-3.9)	140.3	(41.1)	134.8	(39.5)	129.2	(37.9)	123.6	(36.2)	117.8	(34.5)	111.9	(32.8)
	20	(-6.7)	126.6	(37.1)	121.7	(35.7)	116.6	(34.2)	111.5	(32.7)	106.2	(31.1)	100.9	(29.6)
	15	(-9.4)	113.9	(33.4)	109.4	(32.1)	104.9	(30.7)	100.2	(29.4)	95.5	(28)	90.7	(26.6)
	10	(-12.2)	102.0	(29.9)	98.0	(28.7)	93.9	(27.5)	89.7	(26.3)	85.5	(25.1)	81.2	(23.8)
	5	(-15)	90.9	(26.6)	87.3	(25.6)	83.6	(24.5)	79.9	(23.4)	76.2	(22.3)	72.4	(21.2)
	0	(-17.8)	80.6	(23.6)	77.3	(22.7)	74.1	(21.7)	70.8	(20.8)	67.5	(19.8)	64.2	(18.8)
KVS020M9-A Compressor 4YANR15ME	30	(-1.1)	175.3	(51.4)	168.6	(49.4)	161.8	(47.4)	154.8	(45.4)	147.7	(43.3)	140.4	(41.1)
	25	(-3.9)	158.7	(46.5)	152.6	(44.7)	146.3	(42.9)	140.0	(41)	133.5	(39.1)	126.9	(37.2)
	20	(-6.7)	143.2	(42)	137.6	(40.3)	132.0	(38.7)	126.2	(37)	120.3	(35.3)	114.3	(33.5)
	15	(-9.4)	128.7	(37.7)	123.7	(36.3)	118.6	(34.8)	113.4	(33.2)	108.1	(31.7)	102.7	(30.1)
	10	(-12.2)	115.3	(33.8)	110.7	(32.4)	106.1	(31.1)	101.4	(29.7)	96.7	(28.3)	91.9	(26.9)
	5	(-15)	102.7	(30.1)	98.6	(28.9)	94.5	(27.7)	90.3	(26.5)	86.1	(25.2)	81.9	(24)
	0	(-17.8)	90.9	(26.6)	87.3	(25.6)	83.6	(24.5)	79.9	(23.4)	76.2	(22.3)	72.5	(21.2)
KVS022M9-A Compressor 4YBNR19ME	30	(-1.1)	191.2	(56)	183.8	(53.9)	176.3	(51.7)	168.6	(49.4)	160.8	(47.1)	152.8	(44.8)
	25	(-3.9)	173.2	(50.8)	166.5	(48.8)	159.6	(46.8)	152.6	(44.7)	145.5	(42.6)	138.2	(40.5)
	20	(-6.7)	156.4	(45.8)	150.3	(44.1)	144.1	(42.2)	137.7	(40.4)	131.2	(38.5)	124.7	(36.5)
	15	(-9.4)	140.7	(41.2)	135.2	(39.6)	129.6	(38)	123.8	(36.3)	118.0	(34.6)	112.1	(32.9)
	10	(-12.2)	126.1	(37)	121.1	(35.5)	116.0	(34)	110.9	(32.5)	105.7	(31)	100.4	(29.4)
	5	(-15)	112.4	(32.9)	108.0	(31.7)	103.4	(30.3)	98.8	(29)	94.2	(27.6)	89.6	(26.3)
	0	(-17.8)	99.7	(29.2)	95.7	(28)	91.6	(26.8)	87.6	(25.7)	83.5	(24.5)	79.4	(23.3)
KVS025M9-A Compressor 4YHNR22ME	30	(-1.1)	216.8	(63.5)	208.2	(61)	199.5	(58.5)	190.6	(55.9)	181.6	(53.2)	172.4	(50.5)
	25	(-3.9)	196.7	(57.6)	188.9	(55.4)	180.9	(53)	172.8	(50.6)	164.6	(48.2)	156.2	(45.8)
	20	(-6.7)	177.8	(52.1)	170.7	(50)	163.5	(47.9)	156.2	(45.8)	148.7	(43.6)	141.2	(41.4)
	15	(-9.4)	160.2	(47)	153.8	(45.1)	147.3	(43.2)	140.7	(41.2)	134.0	(39.3)	127.2	(37.3)
	10	(-12.2)	143.7	(42.1)	137.9	(40.4)	132.1	(38.7)	126.2	(37)	120.2	(35.2)	114.2	(33.5)
	5	(-15)	128.3	(37.6)	123.1	(36.1)	117.9	(34.6)	112.7	(33)	107.4	(31.5)	102.0	(29.9)
	0	(-17.8)	113.8	(33.4)	109.3	(32)	104.7	(30.7)	100.0	(29.3)	95.4	(28)	90.7	(26.6)
KVS030M9-A Compressor 4YJNR27ME	30	(-1.1)	264.0	(77.4)	253.4	(74.3)	242.6	(71.1)	231.6	(67.9)	220.5	(64.6)	209.1	(61.3)
	25	(-3.9)	239.6	(70.2)	230.0	(67.4)	220.2	(64.5)	210.2	(61.6)	200.1	(58.6)	189.8	(55.6)
	20	(-6.7)	216.9	(63.6)	208.1	(61)	199.3	(58.4)	190.2	(55.7)	181.1	(53.1)	171.8	(50.4)
	15	(-9.4)	195.5	(57.3)	187.6	(55)	179.7	(52.7)	171.5	(50.3)	163.3	(47.9)	155.0	(45.4)
	10	(-12.2)	175.5	(51.4)	168.5	(49.4)	161.3	(47.3)	154.1	(45.2)	146.7	(43)	139.3	(40.8)
	5	(-15)	156.8	(46)	150.5	(44.1)	144.2	(42.3)	137.7	(40.4)	131.2	(38.5)	124.7	(36.5)
	0	(-17.8)	139.3	(40.8)	133.7	(39.2)	128.1	(37.5)	122.4	(35.9)	116.7	(34.2)	111.0	(32.5)
KVS035M9-A Compressor 6YHNR32ME	30	(-1.1)	318.0	(93.2)	305.3	(89.5)	292.3	(85.7)	279.0	(81.8)	265.5	(77.8)	251.7	(73.8)
	25	(-3.9)	288.3	(84.5)	276.6	(81.1)	264.7	(77.6)	252.7	(74.1)	240.4	(70.5)	227.9	(66.8)
	20	(-6.7)	260.4	(76.3)	249.8	(73.2)	239.1	(70.1)	228.1	(66.9)	217.1	(63.6)	205.8	(60.3)
	15	(-9.4)	234.3	(68.7)	224.8	(65.9)	215.1	(63)	205.3	(60.2)	195.4	(57.3)	185.3	(54.3)
	10	(-12.2)	210.0	(61.5)	201.4	(59)	192.8	(56.5)	184.0	(53.9)	175.2	(51.3)	166.3	(48.7)
	5	(-15)	187.3	(54.9)	179.6	(52.6)	171.9	(50.4)	164.2	(48.1)	156.4	(45.8)	148.6	(43.6)
	0	(-17.8)	166.1	(48.7)	159.3	(46.7)	152.4	(44.7)	145.7	(42.7)	138.9	(40.7)	132.2	(38.7)

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

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MEDIUM TEMPERATURE - R455A

“M9” R455A - SINGLE WIDE

CONDENSING UNIT MODEL KVS	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 455A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVS040M9-A Compressor 6YJNR39ME	30	(-1.1)	388.6	(113.9)	373.2	(109.4)	357.4	(104.7)	341.4	(100.1)	325.2	(95.3)	308.7	(90.5)
	25	(-3.9)	352.4	(103.3)	338.4	(99.2)	324.0	(95)	309.5	(90.7)	294.7	(86.4)	279.7	(82)
	20	(-6.7)	318.6	(93.4)	305.9	(89.7)	292.9	(85.8)	279.7	(82)	266.3	(78)	252.8	(74.1)
	15	(-9.4)	287.1	(84.1)	275.5	(80.7)	263.8	(77.3)	252.0	(73.9)	240.0	(70.3)	227.9	(66.8)
	10	(-12.2)	257.6	(75.5)	247.2	(72.5)	236.7	(69.4)	226.1	(66.3)	215.5	(63.2)	204.7	(60)
	5	(-15)	230.1	(67.4)	220.8	(64.7)	211.5	(62)	202.1	(59.2)	192.6	(56.4)	183.2	(53.7)
	0	(-17.8)	204.3	(59.9)	196.1	(57.5)	187.8	(55)	179.5	(52.6)	171.3	(50.2)	163.1	(47.8)
KVS050M9-A Compressor 6YUNR48ME	30	(-1.1)	450.9	(132.2)	432.6	(126.8)	413.9	(121.3)	395.0	(115.8)	375.8	(110.1)	-	-
	25	(-3.9)	409.7	(120.1)	393.0	(115.2)	376.0	(110.2)	358.8	(105.2)	341.4	(100.1)	323.8	(94.9)
	20	(-6.7)	371.1	(108.8)	356.0	(104.3)	340.6	(99.8)	325.0	(95.3)	309.3	(90.7)	293.4	(86)
	15	(-9.4)	334.9	(98.2)	321.3	(94.2)	307.4	(90.1)	293.4	(86)	279.3	(81.9)	265.1	(77.7)
	10	(-12.2)	301.1	(88.2)	288.8	(84.6)	276.4	(81)	263.9	(77.3)	251.4	(73.7)	238.8	(70)
	5	(-15)	269.3	(78.9)	258.4	(75.7)	247.3	(72.5)	236.3	(69.3)	225.2	(66)	214.2	(62.8)
	0	(-17.8)	239.5	(70.2)	229.8	(67.4)	220.0	(64.5)	210.3	(61.6)	200.7	(58.8)	191.1	(56)

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

LOW TEMPERATURE - R454A

“L9” R454A - SINGLE WIDE

CONDENSING UNIT MODEL KVS	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVS010L9-A Compressor 3YS3F33KE	0	(-17.8)	85.9	(25.2)	82.5	(24.2)	79.1	(23.2)	75.7	(22.2)	72.2	(21.2)	-	-
	-5	(-20.6)	76.2	(22.3)	73.1	(21.4)	70.1	(20.5)	67.0	(19.6)	63.9	(18.7)	60.8	(17.8)
	-10	(-23.3)	67.2	(19.7)	64.4	(18.9)	61.7	(18.1)	58.9	(17.3)	56.1	(16.4)	53.3	(15.6)
	-15	(-26.1)	58.9	(17.3)	56.4	(16.5)	53.9	(15.8)	51.4	(15.1)	48.9	(14.3)	46.4	(13.6)
	-20	(-28.9)	51.2	(15)	48.9	(14.3)	46.7	(13.7)	44.5	(13)	42.3	(12.4)	40.1	(11.8)
	-25	(-31.7)	44.1	(12.9)	42.1	(12.3)	40.1	(11.8)	38.2	(11.2)	36.2	(10.6)	34.3	(10.1)
	-30	(-34.4)	37.7	(11)	35.9	(10.5)	34.2	(10)	32.5	(9.5)	30.8	(9)	29.1	(8.5)
	-35	(-37.2)	31.9	(9.3)	30.4	(8.9)	28.8	(8.4)	27.3	(8)	25.8	(7.6)	24.4	(7.2)
	-40	(-40)	26.8	(7.9)	25.4	(7.4)	24.1	(7.1)	22.7	(6.7)	21.5	(6.3)	20.2	(5.9)
KVS015L9-A Compressor 4YHNF46KE	0	(-17.8)	118.3	(34.7)	113.6	(33.3)	108.9	(31.9)	104.2	(30.5)	99.4	(29.1)	-	-
	-5	(-20.6)	105.5	(30.9)	101.2	(29.7)	96.9	(28.4)	92.6	(27.1)	88.3	(25.9)	-	-
	-10	(-23.3)	93.3	(27.3)	89.5	(26.2)	85.6	(25.1)	81.7	(23.9)	77.8	(22.8)	-	-
	-15	(-26.1)	82.0	(24)	78.5	(23)	75.0	(22)	71.5	(21)	68.0	(19.9)	64.6	(18.9)
	-20	(-28.9)	71.4	(20.9)	68.3	(20)	65.1	(19.1)	62.0	(18.2)	58.9	(17.3)	55.8	(16.4)
	-25	(-31.7)	61.7	(18.1)	58.9	(17.3)	56.1	(16.4)	53.3	(15.6)	50.5	(14.8)	47.8	(14)
	-30	(-34.4)	52.8	(15.5)	50.3	(14.7)	47.8	(14)	45.4	(13.3)	42.9	(12.6)	40.5	(11.9)
	-35	(-37.2)	44.8	(13.1)	42.6	(12.5)	40.4	(11.8)	38.3	(11.2)	36.1	(10.6)	34.0	(10)
	-40	(-40)	37.8	(11.1)	35.9	(10.5)	33.9	(9.9)	32.0	(9.4)	30.1	(8.8)	28.2	(8.3)
KVS022L9-A Compressor 4YJNF59KE	0	(-17.8)	149.0	(43.7)	143.1	(41.9)	137.3	(40.2)	131.4	(38.5)	125.6	(36.8)	-	-
	-5	(-20.6)	132.6	(38.9)	127.3	(37.3)	122.0	(35.8)	116.7	(34.2)	111.4	(32.6)	-	-
	-10	(-23.3)	117.3	(34.4)	112.5	(33)	107.7	(31.6)	102.9	(30.2)	98.1	(28.8)	93.3	(27.3)
	-15	(-26.1)	103.0	(30.2)	98.7	(28.9)	94.4	(27.7)	90.1	(26.4)	85.8	(25.1)	81.5	(23.9)
	-20	(-28.9)	89.8	(26.3)	85.9	(25.2)	82.1	(24.1)	78.2	(22.9)	74.4	(21.8)	70.6	(20.7)
	-25	(-31.7)	77.7	(22.8)	74.2	(21.7)	70.8	(20.8)	67.4	(19.8)	64.0	(18.8)	60.6	(17.8)
	-30	(-34.4)	66.6	(19.5)	63.6	(18.6)	60.5	(17.7)	57.5	(16.9)	54.5	(16)	51.6	(15.1)
	-35	(-37.2)	56.7	(16.6)	54.1	(15.9)	51.4	(15.1)	48.7	(14.3)	46.1	(13.5)	43.6	(12.8)
	-40	(-40)	48.0	(14.1)	45.6	(13.4)	43.3	(12.7)	41.0	(12)	38.7	(11.3)	36.5	(10.7)
KVS027L9-A Compressor 6YHNF68KE	0	(-17.8)	178.2	(52.2)	171.2	(50.2)	164.2	(48.1)	157.2	(46.1)	150.2	(44)	-	-
	-5	(-20.6)	158.5	(46.5)	152.2	(44.6)	145.9	(42.8)	139.5	(40.9)	133.2	(39)	126.9	(37.2)
	-10	(-23.3)	140.1	(41.1)	134.4	(39.4)	128.7	(37.7)	123.0	(36)	117.4	(34.4)	111.7	(32.7)
	-15	(-26.1)	123.0	(36)	117.9	(34.6)	112.8	(33.1)	107.7	(31.6)	102.6	(30.1)	97.5	(28.6)
	-20	(-28.9)	107.2	(31.4)	102.6	(30.1)	98.0	(28.7)	93.5	(27.4)	88.9	(26.1)	84.4	(24.7)
	-25	(-31.7)	92.7	(27.2)	88.6	(26)	84.5	(24.8)	80.5	(23.6)	76.4	(22.4)	72.5	(21.2)
	-30	(-34.4)	79.5	(23.3)	75.9	(22.2)	72.2	(21.2)	68.7	(20.1)	65.1	(19.1)	61.6	(18.1)
	-35	(-37.2)	67.7	(19.8)	64.5	(18.9)	61.2	(17.9)	58.1	(17)	54.9	(16.1)	51.8	(15.2)
	-40	(-40)	57.3	(16.8)	54.4	(15.9)	51.5	(15.1)	48.7	(14.3)	45.9	(13.5)	43.2	(12.7)

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

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LOW TEMPERATURE - R454A

“L9” R454A - SINGLE WIDE

CONDENSING UNIT MODEL KVS	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVS030L9-A Compressor 6YJNF84KE	0	(-17.8)	212.7	(62.3)	204.3	(59.9)	196.0	(57.4)	187.6	(55)	-	-	-	-
	-5	(-20.6)	189.7	(55.6)	182.1	(53.4)	174.5	(51.1)	166.9	(48.9)	159.3	(46.7)	-	-
	-10	(-23.3)	168.0	(49.2)	161.1	(47.2)	154.3	(45.2)	147.4	(43.2)	140.6	(41.2)	-	-
	-15	(-26.1)	147.8	(43.3)	141.6	(41.5)	135.4	(39.7)	129.3	(37.9)	123.1	(36.1)	117.0	(34.3)
	-20	(-28.9)	129.1	(37.8)	123.5	(36.2)	118.0	(34.6)	112.5	(33)	107.0	(31.4)	101.5	(29.7)
	-25	(-31.7)	111.9	(32.8)	106.9	(31.3)	102.0	(29.9)	97.1	(28.5)	92.2	(27)	87.4	(25.6)
	-30	(-34.4)	96.2	(28.2)	91.8	(26.9)	87.5	(25.6)	83.1	(24.4)	78.8	(23.1)	74.6	(21.9)
	-35	(-37.2)	82.2	(24.1)	78.3	(22.9)	74.4	(21.8)	70.6	(20.7)	66.9	(19.6)	63.1	(18.5)
	-40	(-40)	69.8	(20.5)	66.3	(19.4)	63.0	(18.5)	59.6	(17.5)	56.3	(16.5)	53.1	(15.6)
KVS040L9-A Compressor 6YUNF10ME	0	(-17.8)	252.8	(74.1)	242.9	(71.2)	233.0	(68.3)	223.1	(65.4)	-	-	-	-
	-5	(-20.6)	225.5	(66.1)	216.5	(63.5)	207.5	(60.8)	198.6	(58.2)	189.6	(55.6)	-	-
	-10	(-23.3)	199.9	(58.6)	191.7	(56.2)	183.6	(53.8)	175.5	(51.4)	167.5	(49.1)	-	-
	-15	(-26.1)	175.9	(51.6)	168.6	(49.4)	161.3	(47.3)	154.0	(45.1)	146.8	(43)	139.6	(40.9)
	-20	(-28.9)	153.7	(45)	147.1	(43.1)	140.6	(41.2)	134.1	(39.3)	127.6	(37.4)	121.2	(35.5)
	-25	(-31.7)	133.3	(39.1)	127.4	(37.3)	121.6	(35.6)	115.8	(33.9)	110.1	(32.3)	104.4	(30.6)
	-30	(-34.4)	114.8	(33.6)	109.6	(32.1)	104.4	(30.6)	99.2	(29.1)	94.1	(27.6)	89.1	(26.1)
	-35	(-37.2)	98.1	(28.8)	93.5	(27.4)	88.9	(26.1)	84.4	(24.7)	79.9	(23.4)	75.5	(22.1)
	-40	(-40)	83.4	(24.4)	79.3	(23.2)	75.3	(22.1)	71.3	(20.9)	67.4	(19.8)	63.6	(18.6)

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

LOW TEMPERATURE - R454C

“L9” R454C - SINGLE WIDE

CONDENSING UNIT MODEL KVS	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454C-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVS010L9-A Compressor 3YS3F33KE	0	(-17.8)	73.2	(21.5)	70.3	(20.6)	67.4	(19.8)	64.5	(18.9)	61.6	(18.1)	58.7	(17.2)
	-5	(-20.6)	64.9	(19)	62.2	(18.2)	59.6	(17.5)	56.9	(16.7)	54.3	(15.9)	51.7	(15.2)
	-10	(-23.3)	57.1	(16.7)	54.7	(16)	52.3	(15.3)	49.9	(14.6)	47.5	(13.9)	45.2	(13.2)
	-15	(-26.1)	49.8	(14.6)	47.7	(14)	45.6	(13.4)	43.4	(12.7)	41.3	(12.1)	39.2	(11.5)
	-20	(-28.9)	43.2	(12.7)	41.3	(12.1)	39.4	(11.5)	37.5	(11)	35.7	(10.5)	33.8	(9.9)
	-25	(-31.7)	37.2	(10.9)	35.5	(10.4)	33.8	(9.9)	32.1	(9.4)	30.5	(8.9)	28.9	(8.5)
	-30	(-34.4)	31.7	(9.3)	30.2	(8.9)	28.8	(8.4)	27.3	(8)	25.9	(7.6)	24.6	(7.2)
	-35	(-37.2)	26.9	(7.9)	25.6	(7.5)	24.3	(7.1)	23.1	(6.8)	21.9	(6.4)	20.8	(6.1)
	-40	(-40)	22.6	(6.6)	21.5	(6.3)	20.5	(6)	19.5	(5.7)	18.5	(5.4)	17.5	(5.1)
KVS015L9-A Compressor 4YHNF46KE	0	(-17.8)	102.2	(30)	98.1	(28.8)	94.0	(27.5)	89.8	(26.3)	85.7	(25.1)	-	-
	-5	(-20.6)	90.7	(26.6)	87.0	(25.5)	83.3	(24.4)	79.5	(23.3)	75.8	(22.2)	-	-
	-10	(-23.3)	80.0	(23.4)	76.7	(22.5)	73.3	(21.5)	69.9	(20.5)	66.6	(19.5)	63.2	(18.5)
	-15	(-26.1)	70.1	(20.5)	67.1	(19.7)	64.0	(18.8)	61.0	(17.9)	58.0	(17)	55.0	(16.1)
	-20	(-28.9)	60.9	(17.8)	58.2	(17.1)	55.5	(16.3)	52.8	(15.5)	50.2	(14.7)	47.5	(13.9)
	-25	(-31.7)	52.4	(15.4)	50.1	(14.7)	47.7	(14)	45.3	(13.3)	43.0	(12.6)	40.7	(11.9)
	-30	(-34.4)	44.8	(13.1)	42.7	(12.5)	40.7	(11.9)	38.6	(11.3)	36.6	(10.7)	34.6	(10.1)
	-35	(-37.2)	38.0	(11.1)	36.2	(10.6)	34.4	(10.1)	32.6	(9.6)	30.9	(9.1)	29.2	(8.6)
	-40	(-40)	32.0	(9.4)	30.4	(8.9)	28.9	(8.5)	27.4	(8)	25.9	(7.6)	24.5	(7.2)
KVS022L9-A Compressor 4YJNF59KE	0	(-17.8)	127.8	(37.5)	122.7	(36)	117.6	(34.5)	112.6	(33)	107.4	(31.5)	-	-
	-5	(-20.6)	113.5	(33.3)	108.9	(31.9)	104.3	(30.6)	99.7	(29.2)	95.0	(27.8)	90.4	(26.5)
	-10	(-23.3)	100.1	(29.3)	96.0	(28.1)	91.8	(26.9)	87.6	(25.7)	83.5	(24.5)	79.3	(23.2)
	-15	(-26.1)	87.7	(25.7)	83.9	(24.6)	80.2	(23.5)	76.5	(22.4)	72.8	(21.3)	69.0	(20.2)
	-20	(-28.9)	76.2	(22.3)	72.9	(21.4)	69.6	(20.4)	66.2	(19.4)	62.9	(18.4)	59.6	(17.5)
	-25	(-31.7)	65.7	(19.3)	62.7	(18.4)	59.8	(17.5)	56.9	(16.7)	54.0	(15.8)	51.1	(15)
	-30	(-34.4)	56.2	(16.5)	53.6	(15.7)	51.0	(14.9)	48.5	(14.2)	46.0	(13.5)	43.5	(12.7)
	-35	(-37.2)	47.7	(14)	45.5	(13.3)	43.3	(12.7)	41.1	(12)	38.9	(11.4)	36.8	(10.8)
	-40	(-40)	40.3	(11.8)	38.3	(11.2)	36.4	(10.7)	34.6	(10.1)	32.8	(9.6)	31.1	(9.1)
KVS027L9-A Compressor 6YHNF68KE	0	(-17.8)	152.4	(44.7)	146.4	(42.9)	140.2	(41.1)	134.1	(39.3)	127.9	(37.5)	-	-
	-5	(-20.6)	135.3	(39.7)	129.8	(38)	124.3	(36.4)	118.7	(34.8)	113.1	(33.1)	107.5	(31.5)
	-10	(-23.3)	119.3	(35)	114.4	(33.5)	109.4	(32.1)	104.4	(30.6)	99.4	(29.1)	94.4	(27.7)
	-15	(-26.1)	104.5	(30.6)	100.0	(29.3)	95.6	(28)	91.1	(26.7)	86.6	(25.4)	82.2	(24.1)
	-20	(-28.9)	90.8	(26.6)	86.8	(25.4)	82.9	(24.3)	78.9	(23.1)	75.0	(22)	71.0	(20.8)
	-25	(-31.7)	78.3	(22.9)	74.8	(21.9)	71.3	(20.9)	67.8	(19.9)	64.3	(18.8)	60.9	(17.8)
	-30	(-34.4)	67.0	(19.6)	63.9	(18.7)	60.8	(17.8)	57.8	(16.9)	54.8	(16.1)	51.9	(15.2)
	-35	(-37.2)	56.8	(16.6)	54.2	(15.9)	51.5	(15.1)	48.9	(14.3)	46.4	(13.6)	43.9	(12.9)
	-40	(-40)	47.9	(14)	45.6	(13.4)	43.3	(12.7)	41.2	(12.1)	39.0	(11.4)	36.9	(10.8)

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

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LOW TEMPERATURE - R454C

“L9” R454C - SINGLE WIDE

CONDENSING UNIT MODEL KVS	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVS030L9-A Compressor 6YJNF84KE	0	(-17.8)	182.9	(53.6)	175.5	(51.4)	168.1	(49.3)	160.6	(47.1)	153.1	(44.9)	-	-
	-5	(-20.6)	162.6	(47.7)	155.9	(45.7)	149.2	(43.7)	142.4	(41.7)	135.6	(39.7)	-	-
	-10	(-23.3)	143.7	(42.1)	137.6	(40.3)	131.6	(38.6)	125.5	(36.8)	119.4	(35)	-	-
	-15	(-26.1)	126.0	(36.9)	120.6	(35.3)	115.2	(33.8)	109.8	(32.2)	104.3	(30.6)	98.9	(29)
	-20	(-28.9)	109.8	(32.2)	104.9	(30.7)	100.1	(29.3)	95.3	(27.9)	90.5	(26.5)	85.7	(25.1)
	-25	(-31.7)	94.9	(27.8)	90.6	(26.6)	86.3	(25.3)	82.1	(24.1)	77.9	(22.8)	73.8	(21.6)
	-30	(-34.4)	81.3	(23.8)	77.6	(22.7)	73.9	(21.7)	70.2	(20.6)	66.6	(19.5)	63.0	(18.5)
	-35	(-37.2)	69.2	(20.3)	66.0	(19.3)	62.8	(18.4)	59.6	(17.5)	56.6	(16.6)	53.6	(15.7)
	-40	(-40)	58.5	(17.1)	55.7	(16.3)	53.0	(15.5)	50.4	(14.8)	47.8	(14)	45.3	(13.3)
KVS040L9-A Compressor 6YUNF10ME	0	(-17.8)	218.7	(64.1)	210.1	(61.6)	201.5	(59.1)	192.9	(56.5)	184.2	(54)	-	-
	-5	(-20.6)	194.3	(56.9)	186.5	(54.7)	178.7	(52.4)	170.9	(50.1)	163.0	(47.8)	-	-
	-10	(-23.3)	171.6	(50.3)	164.5	(48.2)	157.4	(46.1)	150.4	(44.1)	143.3	(42)	-	-
	-15	(-26.1)	150.5	(44.1)	144.1	(42.2)	137.8	(40.4)	131.4	(38.5)	125.1	(36.7)	118.7	(34.8)
	-20	(-28.9)	131.1	(38.4)	125.4	(36.8)	119.7	(35.1)	114.0	(33.4)	108.4	(31.8)	102.8	(30.1)
	-25	(-31.7)	113.4	(33.2)	108.3	(31.7)	103.3	(30.3)	98.3	(28.8)	93.3	(27.3)	88.3	(25.9)
	-30	(-34.4)	97.3	(28.5)	92.9	(27.2)	88.4	(25.9)	84.1	(24.6)	79.7	(23.4)	75.4	(22.1)
	-35	(-37.2)	83.0	(24.3)	79.1	(23.2)	75.3	(22.1)	71.4	(20.9)	67.7	(19.8)	64.0	(18.8)
	-40	(-40)	70.4	(20.6)	67.0	(19.6)	63.7	(18.7)	60.4	(17.7)	57.2	(16.8)	54.1	(15.9)

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

LOW TEMPERATURE - R455A

“L9” R455A - SINGLE WIDE

CONDENSING UNIT MODEL KVS	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 455A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
	KVS010L9-A Compressor 3YS3F33KE	0	(-17.8)	76.5	(22.4)	73.4	(21.5)	70.2	(20.6)	67.1	(19.7)	63.9	(18.7)	-
-5		(-20.6)	67.7	(19.8)	64.9	(19)	62.0	(18.2)	59.1	(17.3)	56.3	(16.5)	-	-
-10		(-23.3)	59.5	(17.4)	56.9	(16.7)	54.3	(15.9)	51.8	(15.2)	49.2	(14.4)	-	-
-15		(-26.1)	51.9	(15.2)	49.6	(14.5)	47.3	(13.9)	45.0	(13.2)	42.7	(12.5)	40.4	(11.8)
-20		(-28.9)	44.9	(13.2)	42.8	(12.5)	40.8	(12)	38.7	(11.3)	36.7	(10.8)	34.7	(10.2)
-25		(-31.7)	38.5	(11.3)	36.7	(10.8)	34.9	(10.2)	33.1	(9.7)	31.3	(9.2)	29.6	(8.7)
-30		(-34.4)	32.8	(9.6)	31.2	(9.1)	29.6	(8.7)	28.0	(8.2)	26.5	(7.8)	25.0	(7.3)
-35		(-37.2)	27.6	(8.1)	26.2	(7.7)	24.9	(7.3)	23.5	(6.9)	22.2	(6.5)	21.0	(6.2)
KVS015L9-A Compressor 4YHNF46KE	0	(-17.8)	106.5	(31.2)	102.1	(29.9)	97.6	(28.6)	93.2	(27.3)	-	-	-	-
	-5	(-20.6)	94.5	(27.7)	90.5	(26.5)	86.5	(25.4)	82.5	(24.2)	78.4	(23)	-	-
	-10	(-23.3)	83.3	(24.4)	79.7	(23.4)	76.0	(22.3)	72.4	(21.2)	68.8	(20.2)	-	-
	-15	(-26.1)	72.8	(21.3)	69.6	(20.4)	66.3	(19.4)	63.1	(18.5)	59.8	(17.5)	-	-
	-20	(-28.9)	63.2	(18.5)	60.3	(17.7)	57.3	(16.8)	54.5	(16)	51.6	(15.1)	48.7	(14.3)
	-25	(-31.7)	54.3	(15.9)	51.7	(15.2)	49.1	(14.4)	46.6	(13.7)	44.0	(12.9)	41.5	(12.2)
	-30	(-34.4)	46.3	(13.6)	44.0	(12.9)	41.7	(12.2)	39.4	(11.5)	37.2	(10.9)	35.0	(10.3)
	-35	(-37.2)	39.1	(11.5)	37.1	(10.9)	35.1	(10.3)	33.1	(9.7)	31.2	(9.1)	29.3	(8.6)
KVS022L9-A Compressor 4YJNF59KE	0	(-17.8)	133.1	(39)	127.7	(37.4)	122.2	(35.8)	116.7	(34.2)	111.2	(32.6)	-	-
	-5	(-20.6)	118.2	(34.6)	113.2	(33.2)	108.3	(31.7)	103.3	(30.3)	98.3	(28.8)	-	-
	-10	(-23.3)	104.2	(30.5)	99.7	(29.2)	95.2	(27.9)	90.7	(26.6)	86.2	(25.3)	-	-
	-15	(-26.1)	91.1	(26.7)	87.1	(25.5)	83.1	(24.4)	79.1	(23.2)	75.1	(22)	71.1	(20.8)
	-20	(-28.9)	79.1	(23.2)	75.5	(22.1)	71.9	(21.1)	68.4	(20)	64.8	(19)	61.3	(18)
	-25	(-31.7)	68.1	(20)	64.9	(19)	61.8	(18.1)	58.6	(17.2)	55.5	(16.3)	52.4	(15.4)
	-30	(-34.4)	58.1	(17)	55.3	(16.2)	52.6	(15.4)	49.8	(14.6)	47.1	(13.8)	44.4	(13)
	-35	(-37.2)	49.3	(14.4)	46.8	(13.7)	44.4	(13)	42.0	(12.3)	39.6	(11.6)	37.3	(10.9)
KVS027L9-A Compressor 6YHNF68KE	0	(-17.8)	159.0	(46.6)	152.5	(44.7)	145.9	(42.8)	139.4	(40.9)	132.8	(38.9)	-	-
	-5	(-20.6)	141.0	(41.3)	135.1	(39.6)	129.2	(37.9)	123.2	(36.1)	117.3	(34.4)	-	-
	-10	(-23.3)	124.2	(36.4)	118.8	(34.8)	113.5	(33.3)	108.2	(31.7)	102.8	(30.1)	-	-
	-15	(-26.1)	108.6	(31.8)	103.8	(30.4)	99.0	(29)	94.2	(27.6)	89.5	(26.2)	84.8	(24.9)
	-20	(-28.9)	94.2	(27.6)	89.9	(26.3)	85.7	(25.1)	81.4	(23.9)	77.2	(22.6)	73.1	(21.4)
	-25	(-31.7)	81.1	(23.8)	77.3	(22.7)	73.5	(21.5)	69.8	(20.5)	66.1	(19.4)	62.4	(18.3)
	-30	(-34.4)	69.2	(20.3)	65.8	(19.3)	62.5	(18.3)	59.2	(17.4)	56.0	(16.4)	52.8	(15.5)
	-35	(-37.2)	58.5	(17.1)	55.6	(16.3)	52.7	(15.4)	49.8	(14.6)	47.0	(13.8)	44.3	(13)
-40	(-40)	49.1	(14.4)	46.5	(13.6)	44.0	(12.9)	41.5	(12.2)	39.1	(11.5)	36.8	(10.8)	

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

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LOW TEMPERATURE - R455A

“L9” R455A - SINGLE WIDE

CONDENSING UNIT MODEL KVS	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVS030L9-A Compressor 6YJNF84KE	0	(-17.8)	190.2	(55.7)	182.4	(53.5)	174.5	(51.1)	166.6	(48.8)	-	-	-	-
	-5	(-20.6)	169.0	(49.5)	161.9	(47.5)	154.7	(45.3)	147.6	(43.3)	-	-	-	-
	-10	(-23.3)	149.2	(43.7)	142.7	(41.8)	136.3	(39.9)	129.8	(38)	123.4	(36.2)	-	-
	-15	(-26.1)	130.7	(38.3)	124.9	(36.6)	119.1	(34.9)	113.3	(33.2)	107.6	(31.5)	-	-
	-20	(-28.9)	113.6	(33.3)	108.4	(31.8)	103.3	(30.3)	98.2	(28.8)	93.1	(27.3)	-	-
	-25	(-31.7)	98.0	(28.7)	93.4	(27.4)	88.9	(26.1)	84.3	(24.7)	79.9	(23.4)	75.5	(22.1)
	-30	(-34.4)	83.9	(24.6)	79.8	(23.4)	75.8	(22.2)	71.9	(21.1)	68.0	(19.9)	64.2	(18.8)
	-35	(-37.2)	71.2	(20.9)	67.7	(19.8)	64.3	(18.8)	60.9	(17.8)	57.5	(16.9)	54.3	(15.9)
	-40	(-40)	60.1	(17.6)	57.1	(16.7)	54.1	(15.9)	51.2	(15)	48.4	(14.2)	45.8	(13.4)
KVS040L9-A Compressor 6YUNF10ME	0	(-17.8)	226.2	(66.3)	216.9	(63.6)	207.5	(60.8)	198.2	(58.1)	-	-	-	-
	-5	(-20.6)	201.1	(58.9)	192.7	(56.5)	184.2	(54)	175.7	(51.5)	-	-	-	-
	-10	(-23.3)	177.6	(52.1)	170.0	(49.8)	162.3	(47.6)	154.7	(45.3)	147.1	(43.1)	-	-
	-15	(-26.1)	155.7	(45.6)	148.9	(43.6)	142.0	(41.6)	135.2	(39.6)	128.4	(37.6)	-	-
	-20	(-28.9)	135.5	(39.7)	129.4	(37.9)	123.3	(36.1)	117.2	(34.3)	111.1	(32.6)	-	-
	-25	(-31.7)	117.0	(34.3)	111.6	(32.7)	106.2	(31.1)	100.8	(29.5)	95.5	(28)	90.2	(26.4)
	-30	(-34.4)	100.3	(29.4)	95.5	(28)	90.7	(26.6)	86.0	(25.2)	81.4	(23.9)	76.8	(22.5)
	-35	(-37.2)	85.3	(25)	81.1	(23.8)	76.9	(22.5)	72.9	(21.4)	68.9	(20.2)	64.9	(19)
	-40	(-40)	72.1	(21.1)	68.5	(20.1)	64.9	(19)	61.4	(18)	58.0	(17)	54.7	(16)

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

LOW TEMPERATURE w/ 850RPM MOTOR(S) - R454A

“D9” R454A - SINGLE WIDE

CONDENSING UNIT MODEL KVS	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVS010D9-A Compressor 3YS3F33KE	0	(-17.8)	84.6	(24.8)	81.2	(23.8)	77.8	(22.8)	74.4	(21.8)	71.0	(20.8)	-	-
	-5	(-20.6)	75.1	(22)	72.1	(21.1)	69.0	(20.2)	65.9	(19.3)	62.9	(18.4)	-	-
	-10	(-23.3)	66.3	(19.4)	63.5	(18.6)	60.8	(17.8)	58.0	(17)	55.3	(16.2)	52.5	(15.4)
	-15	(-26.1)	58.1	(17)	55.6	(16.3)	53.2	(15.6)	50.7	(14.9)	48.2	(14.1)	45.8	(13.4)
	-20	(-28.9)	50.5	(14.8)	48.3	(14.2)	46.1	(13.5)	43.9	(12.9)	41.7	(12.2)	39.6	(11.6)
	-25	(-31.7)	43.6	(12.8)	41.6	(12.2)	39.7	(11.6)	37.7	(11)	35.8	(10.5)	33.9	(9.9)
	-30	(-34.4)	37.3	(10.9)	35.6	(10.4)	33.8	(9.9)	32.1	(9.4)	30.4	(8.9)	28.7	(8.4)
	-35	(-37.2)	31.6	(9.3)	30.1	(8.8)	28.5	(8.4)	27.0	(7.9)	25.6	(7.5)	24.1	(7.1)
	-40	(-40)	26.6	(7.8)	25.2	(7.4)	23.8	(7)	22.5	(6.6)	21.2	(6.2)	20.0	(5.9)
KVS015D9-A Compressor 4YHNF46KE	0	(-17.8)	115.6	(33.9)	111.0	(32.5)	106.3	(31.2)	101.6	(29.8)	-	-	-	-
	-5	(-20.6)	103.2	(30.2)	99.0	(29)	94.7	(27.8)	90.5	(26.5)	86.3	(25.3)	-	-
	-10	(-23.3)	91.5	(26.8)	87.7	(25.7)	83.8	(24.6)	80.0	(23.4)	76.1	(22.3)	-	-
	-15	(-26.1)	80.5	(23.6)	77.0	(22.6)	73.5	(21.5)	70.1	(20.5)	66.6	(19.5)	-	-
	-20	(-28.9)	70.2	(20.6)	67.1	(19.7)	64.0	(18.8)	60.9	(17.8)	57.8	(16.9)	54.7	(16)
	-25	(-31.7)	60.7	(17.8)	57.9	(17)	55.1	(16.1)	52.4	(15.4)	49.6	(14.5)	46.9	(13.7)
	-30	(-34.4)	52.0	(15.2)	49.5	(14.5)	47.1	(13.8)	44.6	(13.1)	42.2	(12.4)	39.8	(11.7)
	-35	(-37.2)	44.2	(13)	42.0	(12.3)	39.8	(11.7)	37.7	(11)	35.5	(10.4)	33.4	(9.8)
	-40	(-40)	37.3	(10.9)	35.3	(10.3)	33.4	(9.8)	31.5	(9.2)	29.6	(8.7)	27.8	(8.1)
KVS022D9-A Compressor 4YJNF59KE	0	(-17.8)	146.8	(43)	141.0	(41.3)	135.1	(39.6)	129.3	(37.9)	123.5	(36.2)	-	-
	-5	(-20.6)	130.8	(38.3)	125.5	(36.8)	120.2	(35.2)	115.0	(33.7)	109.7	(32.2)	-	-
	-10	(-23.3)	115.8	(33.9)	111.0	(32.5)	106.2	(31.1)	101.5	(29.7)	96.7	(28.3)	-	-
	-15	(-26.1)	101.8	(29.8)	97.5	(28.6)	93.2	(27.3)	88.9	(26.1)	84.6	(24.8)	80.4	(23.6)
	-20	(-28.9)	88.8	(26)	84.9	(24.9)	81.1	(23.8)	77.2	(22.6)	73.4	(21.5)	69.6	(20.4)
	-25	(-31.7)	76.8	(22.5)	73.4	(21.5)	70.0	(20.5)	66.6	(19.5)	63.2	(18.5)	59.9	(17.6)
	-30	(-34.4)	66.0	(19.3)	62.9	(18.4)	59.9	(17.6)	56.9	(16.7)	53.9	(15.8)	51.0	(14.9)
	-35	(-37.2)	56.2	(16.5)	53.5	(15.7)	50.9	(14.9)	48.2	(14.1)	45.6	(13.4)	43.1	(12.6)
	-40	(-40)	47.6	(14)	45.2	(13.2)	42.9	(12.6)	40.6	(11.9)	38.3	(11.2)	36.2	(10.6)
KVS027D9-A Compressor 6YHNF68KE	0	(-17.8)	175.4	(51.4)	168.4	(49.4)	161.5	(47.3)	154.5	(45.3)	147.6	(43.3)	-	-
	-5	(-20.6)	156.2	(45.8)	149.9	(43.9)	143.6	(42.1)	137.3	(40.2)	131.1	(38.4)	-	-
	-10	(-23.3)	138.2	(40.5)	132.5	(38.8)	126.9	(37.2)	121.2	(35.5)	115.6	(33.9)	110.0	(32.2)
	-15	(-26.1)	121.4	(35.6)	116.3	(34.1)	111.2	(32.6)	106.2	(31.1)	101.1	(29.6)	96.1	(28.2)
	-20	(-28.9)	105.9	(31)	101.3	(29.7)	96.8	(28.4)	92.3	(27.1)	87.8	(25.7)	83.3	(24.4)
	-25	(-31.7)	91.6	(26.8)	87.5	(25.6)	83.5	(24.5)	79.5	(23.3)	75.5	(22.1)	71.5	(21)
	-30	(-34.4)	78.6	(23)	75.0	(22)	71.4	(20.9)	67.9	(19.9)	64.3	(18.8)	60.8	(17.8)
	-35	(-37.2)	67.0	(19.6)	63.8	(18.7)	60.6	(17.8)	57.4	(16.8)	54.3	(15.9)	51.2	(15)
	-40	(-40)	56.7	(16.6)	53.8	(15.8)	51.0	(14.9)	48.2	(14.1)	45.4	(13.3)	42.7	(12.5)

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

LOW TEMPERATURE w/ 850RPM MOTOR(S) - R454C

“D9” R454C - SINGLE WIDE

CONDENSING UNIT MODEL KVS	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454C-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVS010D9-A Compressor 3YS3F33KE	0	(-17.8)	72.2	(21.2)	69.3	(20.3)	66.4	(19.5)	63.5	(18.6)	60.7	(17.8)	-	-
	-5	(-20.6)	64.0	(18.8)	61.4	(18)	58.8	(17.2)	56.1	(16.4)	53.5	(15.7)	50.9	(14.9)
	-10	(-23.3)	56.4	(16.5)	54.0	(15.8)	51.6	(15.1)	49.3	(14.4)	46.9	(13.7)	44.6	(13.1)
	-15	(-26.1)	49.3	(14.4)	47.1	(13.8)	45.0	(13.2)	42.9	(12.6)	40.8	(12)	38.7	(11.3)
	-20	(-28.9)	42.7	(12.5)	40.8	(12)	38.9	(11.4)	37.1	(10.9)	35.2	(10.3)	33.4	(9.8)
	-25	(-31.7)	36.8	(10.8)	35.1	(10.3)	33.4	(9.8)	31.8	(9.3)	30.2	(8.9)	28.6	(8.4)
	-30	(-34.4)	31.4	(9.2)	29.9	(8.8)	28.5	(8.4)	27.1	(7.9)	25.7	(7.5)	24.3	(7.1)
	-35	(-37.2)	26.6	(7.8)	25.4	(7.4)	24.1	(7.1)	22.9	(6.7)	21.7	(6.4)	20.6	(6)
	-40	(-40)	22.4	(6.6)	21.4	(6.3)	20.3	(5.9)	19.3	(5.7)	18.3	(5.4)	17.4	(5.1)
KVS015D9-A Compressor 4YHNF46KE	0	(-17.8)	100.1	(29.3)	96.0	(28.1)	91.9	(26.9)	87.8	(25.7)	-	-	-	-
	-5	(-20.6)	89.0	(26.1)	85.3	(25)	81.6	(23.9)	77.9	(22.8)	74.2	(21.7)	-	-
	-10	(-23.3)	78.6	(23)	75.3	(22.1)	71.9	(21.1)	68.6	(20.1)	65.2	(19.1)	-	-
	-15	(-26.1)	68.9	(20.2)	65.9	(19.3)	62.9	(18.4)	59.9	(17.6)	56.9	(16.7)	53.9	(15.8)
	-20	(-28.9)	59.9	(17.6)	57.2	(16.8)	54.6	(16)	51.9	(15.2)	49.3	(14.4)	46.6	(13.7)
	-25	(-31.7)	51.7	(15.2)	49.3	(14.4)	47.0	(13.8)	44.6	(13.1)	42.3	(12.4)	40.0	(11.7)
	-30	(-34.4)	44.2	(13)	42.1	(12.3)	40.1	(11.8)	38.0	(11.1)	36.0	(10.6)	34.0	(10)
	-35	(-37.2)	37.5	(11)	35.7	(10.5)	33.9	(9.9)	32.2	(9.4)	30.5	(8.9)	28.8	(8.4)
	-40	(-40)	31.6	(9.3)	30.1	(8.8)	28.5	(8.4)	27.1	(7.9)	25.6	(7.5)	24.2	(7.1)
KVS022D9-A Compressor 4YJNF59KE	0	(-17.8)	126.1	(37)	121.0	(35.5)	116.0	(34)	110.9	(32.5)	105.8	(31)	-	-
	-5	(-20.6)	112.1	(32.9)	107.5	(31.5)	102.9	(30.2)	98.3	(28.8)	93.7	(27.5)	-	-
	-10	(-23.3)	98.9	(29)	94.8	(27.8)	90.7	(26.6)	86.5	(25.4)	82.4	(24.2)	78.2	(22.9)
	-15	(-26.1)	86.7	(25.4)	83.0	(24.3)	79.3	(23.2)	75.6	(22.2)	71.9	(21.1)	68.1	(20)
	-20	(-28.9)	75.4	(22.1)	72.1	(21.1)	68.8	(20.2)	65.5	(19.2)	62.2	(18.2)	58.9	(17.3)
	-25	(-31.7)	65.0	(19.1)	62.1	(18.2)	59.2	(17.4)	56.3	(16.5)	53.4	(15.7)	50.6	(14.8)
	-30	(-34.4)	55.7	(16.3)	53.1	(15.6)	50.6	(14.8)	48.0	(14.1)	45.5	(13.3)	43.1	(12.6)
	-35	(-37.2)	47.3	(13.9)	45.1	(13.2)	42.9	(12.6)	40.7	(11.9)	38.6	(11.3)	36.5	(10.7)
	-40	(-40)	39.9	(11.7)	38.0	(11.1)	36.1	(10.6)	34.3	(10.1)	32.5	(9.5)	30.8	(9)
KVS027D9-A Compressor 6YHNF68KE	0	(-17.8)	150.3	(44.1)	144.2	(42.3)	138.1	(40.5)	132.0	(38.7)	125.9	(36.9)	-	-
	-5	(-20.6)	133.5	(39.1)	128.0	(37.5)	122.5	(35.9)	117.0	(34.3)	111.4	(32.6)	-	-
	-10	(-23.3)	117.8	(34.5)	112.9	(33.1)	107.9	(31.6)	102.9	(30.2)	98.0	(28.7)	93.0	(27.3)
	-15	(-26.1)	103.3	(30.3)	98.8	(29)	94.4	(27.7)	89.9	(26.3)	85.5	(25.1)	81.0	(23.7)
	-20	(-28.9)	89.8	(26.3)	85.8	(25.1)	81.9	(24)	77.9	(22.8)	74.0	(21.7)	70.1	(20.5)
	-25	(-31.7)	77.5	(22.7)	74.0	(21.7)	70.5	(20.7)	67.0	(19.6)	63.6	(18.6)	60.2	(17.6)
	-30	(-34.4)	66.3	(19.4)	63.2	(18.5)	60.2	(17.6)	57.2	(16.8)	54.2	(15.9)	51.3	(15)
	-35	(-37.2)	56.3	(16.5)	53.6	(15.7)	51.0	(14.9)	48.4	(14.2)	45.9	(13.5)	43.4	(12.7)
	-40	(-40)	47.5	(13.9)	45.2	(13.2)	43.0	(12.6)	40.8	(12)	38.7	(11.3)	36.6	(10.7)

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

LOW TEMPERATURE w/ 850RPM MOTOR(S) - R455A

“D9” R455A - SINGLE WIDE

CONDENSING UNIT MODEL KVS	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 455A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVS010D9-A Compressor 3YS3F33KE	0	(-17.8)	75.4	(22.1)	72.3	(21.2)	69.1	(20.3)	66.0	(19.3)	62.8	(18.4)	-	-
	-5	(-20.6)	66.8	(19.6)	63.9	(18.7)	61.1	(17.9)	58.2	(17.1)	55.4	(16.2)	-	-
	-10	(-23.3)	58.7	(17.2)	56.2	(16.5)	53.6	(15.7)	51.0	(14.9)	48.5	(14.2)	-	-
	-15	(-26.1)	51.2	(15)	48.9	(14.3)	46.7	(13.7)	44.4	(13)	42.1	(12.3)	39.8	(11.7)
	-20	(-28.9)	44.4	(13)	42.3	(12.4)	40.3	(11.8)	38.3	(11.2)	36.2	(10.6)	34.3	(10.1)
	-25	(-31.7)	38.1	(11.2)	36.3	(10.6)	34.5	(10.1)	32.7	(9.6)	30.9	(9.1)	29.2	(8.6)
	-30	(-34.4)	32.4	(9.5)	30.8	(9)	29.3	(8.6)	27.7	(8.1)	26.2	(7.7)	24.7	(7.2)
	-35	(-37.2)	27.4	(8)	26.0	(7.6)	24.6	(7.2)	23.3	(6.8)	22.0	(6.4)	20.8	(6.1)
	-40	(-40)	22.9	(6.7)	21.7	(6.4)	20.6	(6)	19.4	(5.7)	18.4	(5.4)	17.3	(5.1)
KVS015D9-A Compressor 4YHNF46KE	0	(-17.8)	104.2	(30.5)	99.8	(29.2)	95.4	(28)	91.0	(26.7)	-	-	-	-
	-5	(-20.6)	92.6	(27.1)	88.6	(26)	84.6	(24.8)	80.6	(23.6)	-	-	-	-
	-10	(-23.3)	81.7	(23.9)	78.1	(22.9)	74.5	(21.8)	70.9	(20.8)	67.3	(19.7)	-	-
	-15	(-26.1)	71.5	(21)	68.3	(20)	65.1	(19.1)	61.8	(18.1)	58.6	(17.2)	-	-
	-20	(-28.9)	62.1	(18.2)	59.2	(17.4)	56.3	(16.5)	53.4	(15.7)	50.6	(14.8)	-	-
	-25	(-31.7)	53.4	(15.7)	50.9	(14.9)	48.3	(14.2)	45.8	(13.4)	43.2	(12.7)	40.7	(11.9)
	-30	(-34.4)	45.6	(13.4)	43.3	(12.7)	41.0	(12)	38.8	(11.4)	36.6	(10.7)	34.4	(10.1)
	-35	(-37.2)	38.5	(11.3)	36.5	(10.7)	34.5	(10.1)	32.6	(9.6)	30.7	(9)	28.8	(8.4)
	-40	(-40)	32.3	(9.5)	30.5	(8.9)	28.8	(8.4)	27.1	(7.9)	25.5	(7.5)	23.9	(7)
KVS022D9-A Compressor 4YJNF59KE	0	(-17.8)	131.2	(38.5)	125.8	(36.9)	120.4	(35.3)	114.9	(33.7)	-	-	-	-
	-5	(-20.6)	116.6	(34.2)	111.7	(32.7)	106.7	(31.3)	101.8	(29.8)	96.8	(28.4)	-	-
	-10	(-23.3)	102.8	(30.1)	98.4	(28.8)	93.9	(27.5)	89.5	(26.2)	85.0	(24.9)	-	-
	-15	(-26.1)	90.0	(26.4)	86.0	(25.2)	82.0	(24)	78.1	(22.9)	74.1	(21.7)	-	-
	-20	(-28.9)	78.2	(22.9)	74.6	(21.9)	71.1	(20.8)	67.5	(19.8)	64.0	(18.8)	60.5	(17.7)
	-25	(-31.7)	67.4	(19.8)	64.2	(18.8)	61.1	(17.9)	57.9	(17)	54.8	(16.1)	51.7	(15.2)
	-30	(-34.4)	57.6	(16.9)	54.8	(16.1)	52.0	(15.2)	49.3	(14.4)	46.5	(13.6)	43.9	(12.9)
	-35	(-37.2)	48.8	(14.3)	46.3	(13.6)	43.9	(12.9)	41.6	(12.2)	39.2	(11.5)	36.9	(10.8)
	-40	(-40)	41.1	(12)	39.0	(11.4)	36.9	(10.8)	34.9	(10.2)	32.9	(9.6)	30.9	(9.1)
KVS027D9-A Compressor 6YHNF68KE	0	(-17.8)	156.6	(45.9)	150.1	(44)	143.6	(42.1)	137.1	(40.2)	-	-	-	-
	-5	(-20.6)	139.0	(40.7)	133.1	(39)	127.2	(37.3)	121.3	(35.6)	115.4	(33.8)	-	-
	-10	(-23.3)	122.5	(35.9)	117.2	(34.3)	111.9	(32.8)	106.6	(31.2)	101.3	(29.7)	-	-
	-15	(-26.1)	107.2	(31.4)	102.4	(30)	97.7	(28.6)	92.9	(27.2)	88.2	(25.8)	-	-
	-20	(-28.9)	93.1	(27.3)	88.8	(26)	84.6	(24.8)	80.4	(23.6)	76.2	(22.3)	72.1	(21.1)
	-25	(-31.7)	80.2	(23.5)	76.4	(22.4)	72.6	(21.3)	68.9	(20.2)	65.2	(19.1)	61.6	(18.1)
	-30	(-34.4)	68.5	(20.1)	65.1	(19.1)	61.8	(18.1)	58.6	(17.2)	55.3	(16.2)	52.2	(15.3)
	-35	(-37.2)	57.9	(17)	55.0	(16.1)	52.1	(15.3)	49.3	(14.4)	46.5	(13.6)	43.8	(12.8)
	-40	(-40)	48.6	(14.2)	46.1	(13.5)	43.6	(12.8)	41.1	(12)	38.7	(11.3)	36.4	(10.7)

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

HIGH TEMPERATURE - R454A

“H9” R454A - DOUBLE WIDE

CONDENSING UNIT MODEL KVD	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVD030H9-A Compressor 3YS3R16ME	45	(7.2)	452.8	(132.7)	436.4	(127.9)	419.6	(123)	402.4	(117.9)	384.8	(112.8)	367.0	(107.6)
	40	(4.4)	414.4	(121.4)	399.2	(117)	383.6	(112.4)	367.8	(107.8)	351.6	(103)	335.2	(98.2)
	35	(1.7)	378.2	(110.8)	364.2	(106.7)	350.0	(102.6)	335.4	(98.3)	320.6	(94)	305.4	(89.5)
KVD040H9-A Compressor 4YANR15ME	45	(7.2)	484.4	(142)	459.8	(134.8)	435.4	(127.6)	411.0	(120.5)	387.0	(113.4)	363.4	(106.5)
	40	(4.4)	448.0	(131.3)	425.2	(124.6)	402.2	(117.9)	379.6	(111.2)	357.2	(104.7)	335.2	(98.2)
	35	(1.7)	412.6	(120.9)	391.2	(114.6)	370.0	(108.4)	349.0	(102.3)	328.0	(96.1)	307.8	(90.2)
KVD044H9-A Compressor 4YBNR19ME	45	(7.2)	559.2	(163.9)	538.8	(157.9)	518.0	(151.8)	497.0	(145.7)	475.4	(139.3)	453.4	(132.9)
	40	(4.4)	511.8	(150)	493.0	(144.5)	473.8	(138.9)	454.4	(133.2)	434.4	(127.3)	414.2	(121.4)
	35	(1.7)	467.0	(136.9)	449.8	(131.8)	432.2	(126.7)	414.4	(121.4)	396.0	(116.1)	377.4	(110.6)
KVD050H9-A Compressor 4YHNR22ME	45	(7.2)	629.4	(184.5)	605.8	(177.5)	581.8	(170.5)	557.2	(163.3)	532.2	(156)	506.6	(148.5)
	40	(4.4)	577.4	(169.2)	555.6	(162.8)	533.4	(156.3)	510.8	(149.7)	487.6	(142.9)	464.2	(136)
	35	(1.7)	528.0	(154.7)	508.0	(148.9)	487.6	(142.9)	466.8	(136.8)	445.6	(130.6)	424.0	(124.3)
KVD060H9-A Compressor 4YJNR27ME	45	(7.2)	764.0	(223.9)	735.0	(215.4)	705.4	(206.7)	675.2	(197.9)	644.4	(188.9)	-	-
	40	(4.4)	701.2	(205.5)	674.4	(197.6)	647.0	(189.6)	619.2	(181.5)	590.8	(173.1)	562.0	(164.7)
	35	(1.7)	641.6	(188)	617.0	(180.8)	591.8	(173.4)	566.4	(166)	540.2	(158.3)	513.8	(150.6)
KVD070H9-A Compressor 6YHNR32ME	45	(7.2)	927.0	(271.7)	892.4	(261.5)	856.8	(251.1)	820.6	(240.5)	783.8	(229.7)	746.2	(218.7)
	40	(4.4)	849.0	(248.8)	817.0	(239.4)	784.2	(229.8)	750.8	(220)	716.8	(210.1)	682.2	(199.9)
	35	(1.7)	775.4	(227.2)	746.0	(218.6)	715.8	(209.8)	685.2	(200.8)	653.8	(191.6)	622.0	(182.3)
KVD080H9-A Compressor 6YJNR39ME	45	(7.2)	1130.6	(331.3)	1088.0	(318.9)	1044.6	(306.1)	1000.4	(293.2)	955.4	(280)	909.8	(266.6)
	40	(4.4)	1035.8	(303.6)	996.4	(292)	956.4	(280.3)	915.8	(268.4)	874.4	(256.3)	832.4	(244)
	35	(1.7)	946.2	(277.3)	910.2	(266.8)	873.6	(256)	836.2	(245.1)	798.2	(233.9)	759.8	(222.7)

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

HIGH TEMPERATURE - R454C

“H9” R454C - DOUBLE WIDE

CONDENSING UNIT MODEL KVD	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454C-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVD030H9-A Compressor 3YS3R16ME	45	(7.2)	391.8	(114.8)	377.8	(110.7)	363.4	(106.5)	348.8	(102.2)	333.8	(97.8)	318.4	(93.3)
	40	(4.4)	358.0	(104.9)	345.0	(101.1)	331.8	(97.2)	318.2	(93.3)	304.4	(89.2)	290.2	(85)
	35	(1.7)	326.2	(95.6)	314.2	(92.1)	302.0	(88.5)	289.6	(84.9)	276.8	(81.1)	263.8	(77.3)
KVD040H9-A Compressor 4YANR15ME	45	(7.2)	443.4	(129.9)	427.6	(125.3)	411.6	(120.6)	395.0	(115.8)	378.4	(110.9)	361.4	(105.9)
	40	(4.4)	404.8	(118.6)	390.4	(114.4)	375.4	(110)	360.2	(105.6)	344.8	(101.1)	329.2	(96.5)
	35	(1.7)	368.8	(108.1)	355.4	(104.2)	341.6	(100.1)	327.6	(96)	313.4	(91.8)	299.0	(87.6)
KVD044H9-A Compressor 4YBNR19ME	45	(7.2)	483.2	(141.6)	465.8	(136.5)	448.2	(131.4)	430.2	(126.1)	411.8	(120.7)	393.2	(115.2)
	40	(4.4)	441.4	(129.4)	425.4	(124.7)	409.2	(119.9)	392.4	(115)	375.4	(110)	358.2	(105)
	35	(1.7)	402.2	(117.9)	387.6	(113.6)	372.4	(109.1)	357.2	(104.7)	341.6	(100.1)	325.6	(95.4)
KVD050H9-A Compressor 4YHNR22ME	45	(7.2)	546.2	(160.1)	526.2	(154.2)	505.8	(148.2)	485.0	(142.1)	463.8	(135.9)	442.2	(129.6)
	40	(4.4)	499.8	(146.5)	481.2	(141)	462.4	(135.5)	443.2	(129.9)	423.6	(124.1)	403.8	(118.3)
	35	(1.7)	456.0	(133.6)	439.0	(128.7)	421.6	(123.6)	404.0	(118.4)	386.0	(113.1)	367.6	(107.7)
KVD060H9-A Compressor 4YJNR27ME	45	(7.2)	664.4	(194.7)	639.8	(187.5)	614.4	(180.1)	588.6	(172.5)	562.2	(164.8)	535.4	(156.9)
	40	(4.4)	608.6	(178.4)	585.6	(171.6)	562.4	(164.8)	538.4	(157.8)	514.2	(150.7)	489.4	(143.4)
	35	(1.7)	555.8	(162.9)	534.8	(156.7)	513.2	(150.4)	491.4	(144)	469.0	(137.4)	446.2	(130.8)
KVD070H9-A Compressor 6YHNR32ME	45	(7.2)	805.8	(236.2)	776.0	(227.4)	745.6	(218.5)	714.6	(209.4)	682.8	(200.1)	650.4	(190.6)
	40	(4.4)	736.4	(215.8)	709.0	(207.8)	680.8	(199.5)	652.0	(191.1)	622.6	(182.5)	592.6	(173.7)
	35	(1.7)	671.2	(196.7)	645.8	(189.3)	619.8	(181.6)	593.2	(173.8)	566.2	(165.9)	538.6	(157.8)
KVD080H9-A Compressor 6YJNR39ME	45	(7.2)	981.6	(287.7)	945.4	(277.1)	908.2	(266.2)	870.2	(255)	831.4	(243.7)	791.8	(232.1)
	40	(4.4)	897.6	(263.1)	864.0	(253.2)	829.8	(243.2)	794.8	(232.9)	759.0	(222.4)	722.4	(211.7)
	35	(1.7)	818.6	(239.9)	787.8	(230.9)	756.4	(221.7)	724.2	(212.2)	691.4	(202.6)	657.8	(192.8)

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

HIGH TEMPERATURE - R455A

“H9” R455A - DOUBLE WIDE

CONDENSING UNIT MODEL KVD	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 455A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVD030H9-A Compressor 3YS3R16ME	45	(7.2)	409.4	(120)	394.0	(115.5)	378.2	(110.8)	362.2	(106.1)	345.8	(101.3)	329.0	(96.4)
	40	(4.4)	374.0	(109.6)	359.8	(105.4)	345.4	(101.2)	330.4	(96.8)	315.4	(92.4)	300.0	(87.9)
	35	(1.7)	340.8	(99.9)	327.8	(96.1)	314.4	(92.1)	300.8	(88.2)	286.8	(84.1)	272.8	(79.9)
KVD040H9-A Compressor 4YANR15ME	45	(7.2)	465.0	(136.3)	447.8	(131.2)	430.2	(126.1)	412.2	(120.8)	393.8	(115.4)	375.2	(110)
	40	(4.4)	424.2	(124.3)	408.4	(119.7)	392.2	(114.9)	375.6	(110.1)	358.6	(105.1)	341.4	(100.1)
	35	(1.7)	386.2	(113.2)	371.6	(108.9)	356.6	(104.5)	341.4	(100.1)	325.8	(95.5)	310.0	(90.9)
KVD044H9-A Compressor 4YBNR19ME	45	(7.2)	505.8	(148.2)	486.8	(142.7)	467.4	(137)	447.6	(131.2)	427.4	(125.3)	407.0	(119.3)
	40	(4.4)	462.0	(135.4)	444.6	(130.3)	426.6	(125)	408.4	(119.7)	389.8	(114.2)	370.8	(108.7)
	35	(1.7)	421.0	(123.4)	404.8	(118.6)	388.4	(113.8)	371.6	(108.9)	354.4	(103.9)	337.0	(98.8)
KVD050H9-A Compressor 4YHNR22ME	45	(7.2)	570.6	(167.2)	548.6	(160.8)	526.2	(154.2)	503.2	(147.5)	479.8	(140.6)	-	-
	40	(4.4)	522.2	(153)	501.8	(147.1)	481.2	(141)	460.0	(134.8)	438.4	(128.5)	416.6	(122.1)
	35	(1.7)	476.6	(139.7)	457.8	(134.2)	438.8	(128.6)	419.4	(122.9)	399.6	(117.1)	379.4	(111.2)
KVD060H9-A Compressor 4YJNR27ME	45	(7.2)	693.0	(203.1)	665.8	(195.1)	638.0	(187)	609.6	(178.7)	580.6	(170.2)	-	-
	40	(4.4)	634.8	(186)	609.6	(178.7)	584.0	(171.2)	557.8	(163.5)	531.0	(155.6)	-	-
	35	(1.7)	579.8	(169.9)	556.6	(163.1)	533.0	(156.2)	509.0	(149.2)	484.6	(142)	459.6	(134.7)
KVD070H9-A Compressor 6YHNR32ME	45	(7.2)	839.6	(246.1)	806.6	(236.4)	773.2	(226.6)	738.8	(216.5)	704.0	(206.3)	-	-
	40	(4.4)	767.4	(224.9)	737.2	(216.1)	706.2	(207)	674.6	(197.7)	642.4	(188.3)	609.6	(178.7)
	35	(1.7)	699.8	(205.1)	671.8	(196.9)	643.4	(188.6)	614.4	(180.1)	584.8	(171.4)	554.6	(162.5)
KVD080H9-A Compressor 6YJNR39ME	45	(7.2)	1025.2	(300.5)	985.2	(288.7)	944.6	(276.8)	903.4	(264.8)	861.2	(252.4)	-	-
	40	(4.4)	937.2	(274.7)	900.4	(263.9)	863.0	(252.9)	824.8	(241.7)	786.0	(230.4)	-	-
	35	(1.7)	854.6	(250.5)	820.8	(240.6)	786.4	(230.5)	751.4	(220.2)	715.8	(209.8)	679.6	(199.2)

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

MEDIUM TEMPERATURE - R454A

“M9” R454A - DOUBLE WIDE

CONDENSING UNIT MODEL KVD	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85 (29.4)	90 (32.2)	95 (35)	100 (37.8)	105 (40.6)	110 (43.3)						
KVD030M9-A Compressor 3YS3R16ME	30	(-1.1)	344.2 (100.9)	331.4 (97.1)	318.4 (93.3)	305.0 (89.4)	291.4 (85.4)	277.6 (81.4)						
	25	(-3.9)	312.2 (91.5)	300.6 (88.1)	288.8 (84.6)	276.6 (81.1)	264.2 (77.4)	251.6 (73.7)						
	20	(-6.7)	282.4 (82.8)	271.8 (79.7)	261.0 (76.5)	250.0 (73.3)	238.8 (70)	227.4 (66.6)						
	15	(-9.4)	254.4 (74.6)	245.0 (71.8)	235.2 (68.9)	225.2 (66)	215.2 (63.1)	204.8 (60)						
	10	(-12.2)	228.4 (66.9)	219.8 (64.4)	211.0 (61.8)	202.2 (59.3)	193.0 (56.6)	183.8 (53.9)						
	5	(-15)	204.0 (59.8)	196.2 (57.5)	188.4 (55.2)	180.4 (52.9)	172.4 (50.5)	164.2 (48.1)						
	0	(-17.8)	181.2 (53.1)	174.2 (51.1)	167.4 (49.1)	160.2 (46.9)	153.2 (44.9)	146.0 (42.8)						
KVD040M9-A Compressor 4YANR15ME	30	(-1.1)	378.2 (110.8)	358.6 (105.1)	338.8 (99.3)	319.2 (93.5)	300.0 (87.9)	281.2 (82.4)						
	25	(-3.9)	345.2 (101.2)	327.0 (95.8)	308.8 (90.5)	290.8 (85.2)	273.0 (80)	255.8 (75)						
	20	(-6.7)	313.6 (91.9)	296.8 (87)	280.0 (82.1)	263.4 (77.2)	247.2 (72.4)	231.4 (67.8)						
	15	(-9.4)	283.6 (83.1)	268.2 (78.6)	252.8 (74.1)	237.4 (69.6)	222.6 (65.2)	208.2 (61)						
	10	(-12.2)	255.0 (74.7)	241.0 (70.6)	227.0 (66.5)	213.0 (62.4)	199.4 (58.4)	186.2 (54.6)						
	5	(-15)	228.4 (66.9)	215.6 (63.2)	202.8 (59.4)	190.0 (55.7)	177.8 (52.1)	165.8 (48.6)						
	0	(-17.8)	203.6 (59.7)	192.0 (56.3)	180.4 (52.9)	168.8 (49.5)	157.6 (46.2)	147.0 (43.1)						
KVD044M9-A Compressor 4YBNR19ME	30	(-1.1)	425.0 (124.6)	409.2 (119.9)	393.2 (115.2)	376.8 (110.4)	360.0 (105.5)	343.0 (100.5)						
	25	(-3.9)	385.6 (113)	371.2 (108.8)	356.6 (104.5)	341.6 (100.1)	326.4 (95.7)	310.8 (91.1)						
	20	(-6.7)	348.8 (102.2)	335.6 (98.4)	322.4 (94.5)	308.8 (90.5)	295.0 (86.5)	281.0 (82.4)						
	15	(-9.4)	314.2 (92.1)	302.4 (88.6)	290.4 (85.1)	278.2 (81.5)	265.6 (77.8)	253.0 (74.1)						
	10	(-12.2)	282.0 (82.6)	271.4 (79.5)	260.6 (76.4)	249.6 (73.2)	238.4 (69.9)	227.0 (66.5)						
	5	(-15)	252.0 (73.9)	242.4 (71)	232.6 (68.2)	222.8 (65.3)	212.8 (62.4)	202.8 (59.4)						
	0	(-17.8)	224.0 (65.6)	215.4 (63.1)	206.6 (60.5)	198.0 (58)	189.2 (55.4)	180.2 (52.8)						
KVD050M9-A Compressor 4YHNR22ME	30	(-1.1)	481.4 (141.1)	463.0 (135.7)	444.4 (130.2)	425.4 (124.7)	406.0 (119)	386.2 (113.2)						
	25	(-3.9)	437.4 (128.2)	420.8 (123.3)	403.8 (118.3)	386.4 (113.2)	368.8 (108.1)	350.8 (102.8)						
	20	(-6.7)	396.0 (116.1)	381.0 (111.7)	365.6 (107.1)	350.0 (102.6)	334.0 (97.9)	317.8 (93.1)						
	15	(-9.4)	357.4 (104.7)	343.8 (100.8)	329.8 (96.7)	315.8 (92.6)	301.4 (88.3)	286.8 (84.1)						
	10	(-12.2)	321.0 (94.1)	308.8 (90.5)	296.4 (86.9)	283.6 (83.1)	270.8 (79.4)	257.8 (75.6)						
	5	(-15)	287.2 (84.2)	276.2 (80.9)	265.0 (77.7)	253.8 (74.4)	242.4 (71)	230.8 (67.6)						
	0	(-17.8)	255.4 (74.9)	245.6 (72)	235.6 (69)	225.8 (66.2)	215.6 (63.2)	205.6 (60.3)						
KVD060M9-A Compressor 4YJNR27ME	30	(-1.1)	585.2 (171.5)	562.8 (164.9)	539.8 (158.2)	516.4 (151.3)	492.6 (144.4)	468.6 (137.3)						
	25	(-3.9)	532.2 (156)	511.8 (150)	491.0 (143.9)	469.6 (137.6)	448.0 (131.3)	426.2 (124.9)						
	20	(-6.7)	482.4 (141.4)	463.8 (135.9)	445.0 (130.4)	425.8 (124.8)	406.2 (119)	386.4 (113.2)						
	15	(-9.4)	435.8 (127.7)	419.0 (122.8)	402.0 (117.8)	384.6 (112.7)	367.2 (107.6)	349.4 (102.4)						
	10	(-12.2)	392.0 (114.9)	376.8 (110.4)	361.6 (106)	346.2 (101.5)	330.4 (96.8)	314.6 (92.2)						
	5	(-15)	350.8 (102.8)	337.4 (98.9)	323.8 (94.9)	310.0 (90.9)	296.2 (86.8)	282.2 (82.7)						
	0	(-17.8)	312.4 (91.6)	300.2 (88)	288.2 (84.5)	276.0 (80.9)	263.8 (77.3)	251.6 (73.7)						
KVD070M9-A Compressor 6YHNR32ME	30	(-1.1)	706.2 (207)	679.2 (199.1)	651.6 (191)	623.6 (182.8)	595.0 (174.4)	566.0 (165.9)						
	25	(-3.9)	641.2 (187.9)	616.6 (180.7)	591.6 (173.4)	566.0 (165.9)	540.0 (158.3)	513.6 (150.5)						
	20	(-6.7)	580.4 (170.1)	558.2 (163.6)	535.4 (156.9)	512.2 (150.1)	488.8 (143.3)	465.0 (136.3)						
	15	(-9.4)	523.6 (153.5)	503.4 (147.5)	482.8 (141.5)	462.0 (135.4)	441.0 (129.2)	419.6 (123)						
	10	(-12.2)	470.4 (137.9)	452.2 (132.5)	433.8 (127.1)	415.2 (121.7)	396.4 (116.2)	377.4 (110.6)						
	5	(-15)	420.6 (123.3)	404.4 (118.5)	387.8 (113.7)	371.4 (108.8)	354.6 (103.9)	338.0 (99.1)						
	0	(-17.8)	374.0 (109.6)	359.4 (105.3)	344.8 (101.1)	330.2 (96.8)	315.6 (92.5)	301.0 (88.2)						

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

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MEDIUM TEMPERATURE - R454A

“M9” R454A - DOUBLE WIDE

CONDENSING UNIT MODEL KVD	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVD080M9-A Compressor 6YJNR39ME	30	(-1.1)	862.0	(252.6)	829.2	(243)	795.6	(233.2)	761.6	(223.2)	727.0	(213.1)	691.8	(202.7)
	25	(-3.9)	783.2	(229.5)	753.2	(220.7)	722.8	(211.8)	691.8	(202.7)	660.4	(193.5)	628.6	(184.2)
	20	(-6.7)	709.2	(207.8)	682.2	(199.9)	654.6	(191.8)	626.6	(183.6)	598.4	(175.4)	569.6	(166.9)
	15	(-9.4)	640.2	(187.6)	615.8	(180.5)	591.0	(173.2)	565.8	(165.8)	540.4	(158.4)	514.8	(150.9)
	10	(-12.2)	575.6	(168.7)	553.6	(162.2)	531.4	(155.7)	508.8	(149.1)	486.2	(142.5)	463.4	(135.8)
	5	(-15)	515.0	(150.9)	495.4	(145.2)	475.4	(139.3)	455.6	(133.5)	435.6	(127.7)	415.4	(121.7)
	0	(-17.8)	458.2	(134.3)	440.6	(129.1)	423.0	(124)	405.4	(118.8)	387.8	(113.7)	370.4	(108.6)
KVD100M9-A Compressor 6YUNR48ME	30	(-1.1)	998.8	(292.7)	959.8	(281.3)	920.0	(269.6)	879.8	(257.8)	838.8	(245.8)	797.4	(233.7)
	25	(-3.9)	909.6	(266.6)	874.2	(256.2)	838.0	(245.6)	801.4	(234.9)	764.4	(224)	726.8	(213)
	20	(-6.7)	825.8	(242)	793.6	(232.6)	761.0	(223)	728.0	(213.4)	694.6	(203.6)	660.8	(193.7)
	15	(-9.4)	746.8	(218.9)	718.0	(210.4)	688.6	(201.8)	659.0	(193.1)	629.0	(184.3)	598.8	(175.5)
	10	(-12.2)	672.8	(197.2)	646.8	(189.6)	620.6	(181.9)	594.2	(174.1)	567.6	(166.3)	540.8	(158.5)
	5	(-15)	603.2	(176.8)	579.8	(169.9)	556.6	(163.1)	533.0	(156.2)	509.6	(149.3)	486.0	(142.4)
	0	(-17.8)	537.4	(157.5)	516.8	(151.5)	496.0	(145.4)	475.4	(139.3)	454.8	(133.3)	434.4	(127.3)

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

MEDIUM TEMPERATURE - R454C

“M9” R454C - DOUBLE WIDE

CONDENSING UNIT MODEL KVD	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454C - MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVD030M9-A Compressor 3YS3R16ME	30	(-1.1)	296.4	(86.9)	285.4	(83.6)	274.2	(80.4)	262.6	(77)	251.0	(73.6)	239.0	(70)
	25	(-3.9)	268.4	(78.7)	258.4	(75.7)	248.0	(72.7)	237.6	(69.6)	226.8	(66.5)	216.0	(63.3)
	20	(-6.7)	242.2	(71)	233.0	(68.3)	223.6	(65.5)	214.2	(62.8)	204.4	(59.9)	194.6	(57)
	15	(-9.4)	217.8	(63.8)	209.4	(61.4)	201.0	(58.9)	192.4	(56.4)	183.6	(53.8)	174.8	(51.2)
	10	(-12.2)	195.0	(57.1)	187.4	(54.9)	179.8	(52.7)	172.0	(50.4)	164.2	(48.1)	156.4	(45.8)
	5	(-15)	173.6	(50.9)	167.0	(48.9)	160.2	(46.9)	153.2	(44.9)	146.2	(42.8)	139.2	(40.8)
	0	(-17.8)	153.8	(45.1)	147.8	(43.3)	141.8	(41.6)	135.8	(39.8)	129.6	(38)	123.4	(36.2)
KVD040M9-A Compressor 4YANR15ME	30	(-1.1)	334.8	(98.1)	322.6	(94.5)	310.0	(90.9)	297.2	(87.1)	284.2	(83.3)	271.0	(79.4)
	25	(-3.9)	303.0	(88.8)	291.8	(85.5)	280.4	(82.2)	268.8	(78.8)	256.8	(75.3)	244.8	(71.7)
	20	(-6.7)	273.4	(80.1)	263.2	(77.1)	252.8	(74.1)	242.2	(71)	231.4	(67.8)	220.4	(64.6)
	15	(-9.4)	245.8	(72)	236.4	(69.3)	227.0	(66.5)	217.4	(63.7)	207.8	(60.9)	197.8	(58)
	10	(-12.2)	219.8	(64.4)	211.6	(62)	203.0	(59.5)	194.4	(57)	185.8	(54.5)	176.8	(51.8)
	5	(-15)	195.8	(57.4)	188.2	(55.2)	180.6	(52.9)	173.0	(50.7)	165.2	(48.4)	157.4	(46.1)
	0	(-17.8)	173.4	(50.8)	166.6	(48.8)	159.8	(46.8)	153.0	(44.8)	146.2	(42.8)	139.2	(40.8)
KVD044M9-A Compressor 4YBNR19ME	30	(-1.1)	365.6	(107.1)	352.0	(103.2)	338.2	(99.1)	324.2	(95)	309.8	(90.8)	295.2	(86.5)
	25	(-3.9)	331.2	(97.1)	318.8	(93.4)	306.2	(89.7)	293.4	(86)	280.2	(82.1)	267.0	(78.2)
	20	(-6.7)	299.0	(87.6)	287.8	(84.3)	276.2	(80.9)	264.6	(77.5)	252.8	(74.1)	240.6	(70.5)
	15	(-9.4)	269.0	(78.8)	258.8	(75.8)	248.4	(72.8)	237.8	(69.7)	227.2	(66.6)	216.2	(63.4)
	10	(-12.2)	241.0	(70.6)	231.8	(67.9)	222.4	(65.2)	213.0	(62.4)	203.4	(59.6)	193.6	(56.7)
	5	(-15)	214.8	(63)	206.6	(60.5)	198.2	(58.1)	189.8	(55.6)	181.2	(53.1)	172.6	(50.6)
	0	(-17.8)	190.4	(55.8)	183.0	(53.6)	175.6	(51.5)	168.0	(49.2)	160.6	(47.1)	153.0	(44.8)
KVD050M9-A Compressor 4YHNR22ME	30	(-1.1)	414.8	(121.6)	399.2	(117)	383.4	(112.4)	367.2	(107.6)	350.6	(102.8)	333.8	(97.8)
	25	(-3.9)	376.2	(110.3)	362.0	(106.1)	347.4	(101.8)	332.6	(97.5)	317.6	(93.1)	302.4	(88.6)
	20	(-6.7)	340.2	(99.7)	327.2	(95.9)	314.0	(92)	300.6	(88.1)	286.8	(84.1)	273.0	(80)
	15	(-9.4)	306.4	(89.8)	294.6	(86.3)	282.6	(82.8)	270.6	(79.3)	258.2	(75.7)	245.8	(72)
	10	(-12.2)	274.8	(80.5)	264.2	(77.4)	253.4	(74.3)	242.6	(71.1)	231.4	(67.8)	220.4	(64.6)
	5	(-15)	245.4	(71.9)	235.8	(69.1)	226.2	(66.3)	216.4	(63.4)	206.6	(60.5)	196.8	(57.7)
	0	(-17.8)	217.8	(63.8)	209.2	(61.3)	200.6	(58.8)	192.0	(56.3)	183.4	(53.7)	174.8	(51.2)
KVD060M9-A Compressor 4YJNR27ME	30	(-1.1)	506.0	(148.3)	486.8	(142.7)	467.2	(136.9)	447.0	(131)	426.6	(125)	405.8	(118.9)
	25	(-3.9)	459.4	(134.6)	441.8	(129.5)	424.0	(124.3)	405.6	(118.9)	387.0	(113.4)	368.0	(107.8)
	20	(-6.7)	415.6	(121.8)	399.8	(117.2)	383.4	(112.4)	366.8	(107.5)	350.0	(102.6)	332.8	(97.5)
	15	(-9.4)	374.8	(109.8)	360.4	(105.6)	345.6	(101.3)	330.6	(96.9)	315.4	(92.4)	300.0	(87.9)
	10	(-12.2)	336.4	(98.6)	323.4	(94.8)	310.2	(90.9)	296.8	(87)	283.2	(83)	269.4	(79)
	5	(-15)	300.6	(88.1)	289.0	(84.7)	277.2	(81.2)	265.2	(77.7)	253.2	(74.2)	240.8	(70.6)
	0	(-17.8)	267.0	(78.2)	256.6	(75.2)	246.2	(72.2)	235.6	(69)	225.0	(65.9)	214.2	(62.8)
KVD070M9-A Compressor 6YHNR32ME	30	(-1.1)	609.8	(178.7)	586.6	(171.9)	562.8	(164.9)	538.4	(157.8)	513.6	(150.5)	488.2	(143.1)
	25	(-3.9)	552.4	(161.9)	531.2	(155.7)	509.4	(149.3)	487.0	(142.7)	464.4	(136.1)	441.4	(129.4)
	20	(-6.7)	498.8	(146.2)	479.4	(140.5)	459.4	(134.6)	439.2	(128.7)	418.8	(122.7)	398.0	(116.6)
	15	(-9.4)	448.6	(131.5)	431.0	(126.3)	413.0	(121)	394.8	(115.7)	376.4	(110.3)	357.6	(104.8)
	10	(-12.2)	401.8	(117.8)	386.0	(113.1)	369.8	(108.4)	353.4	(103.6)	337.0	(98.8)	320.4	(93.9)
	5	(-15)	358.2	(105)	344.0	(100.8)	329.6	(96.6)	315.0	(92.3)	300.4	(88)	285.8	(83.8)
	0	(-17.8)	317.6	(93.1)	304.8	(89.3)	292.2	(85.6)	279.4	(81.9)	266.6	(78.1)	254.0	(74.4)

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

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MEDIUM TEMPERATURE - R454C

“M9” R454C - DOUBLE WIDE

CONDENSING UNIT MODEL KVD	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454C-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVD080M9-A Compressor 6YJNR39ME	30	(-1.1)	744.8	(218.3)	716.6	(210)	687.8	(201.6)	658.4	(193)	628.2	(184.1)	597.6	(175.1)
	25	(-3.9)	675.8	(198.1)	650.2	(190.6)	623.8	(182.8)	597.0	(175)	569.6	(166.9)	541.8	(158.8)
	20	(-6.7)	611.4	(179.2)	588.0	(172.3)	564.2	(165.4)	539.8	(158.2)	515.2	(151)	490.0	(143.6)
	15	(-9.4)	551.2	(161.5)	530.2	(155.4)	508.6	(149.1)	486.6	(142.6)	464.4	(136.1)	441.8	(129.5)
	10	(-12.2)	495.0	(145.1)	476.0	(139.5)	456.6	(133.8)	437.0	(128.1)	417.0	(122.2)	396.8	(116.3)
	5	(-15)	442.4	(129.7)	425.4	(124.7)	408.0	(119.6)	390.6	(114.5)	373.0	(109.3)	355.0	(104)
	0	(-17.8)	393.0	(115.2)	377.8	(110.7)	362.4	(106.2)	347.0	(101.7)	331.4	(97.1)	315.8	(92.6)
KVD100M9-A Compressor 6YUNR48ME	30	(-1.1)	866.4	(253.9)	832.8	(244.1)	798.6	(234)	763.6	(223.8)	728.0	(213.4)	691.6	(202.7)
	25	(-3.9)	787.8	(230.9)	757.2	(221.9)	726.0	(212.8)	694.2	(203.4)	661.6	(193.9)	628.6	(184.2)
	20	(-6.7)	714.2	(209.3)	686.4	(201.2)	658.0	(192.8)	629.2	(184.4)	600.0	(175.8)	570.0	(167)
	15	(-9.4)	645.2	(189.1)	620.2	(181.8)	594.6	(174.3)	568.8	(166.7)	542.4	(159)	515.6	(151.1)
	10	(-12.2)	580.6	(170.2)	558.2	(163.6)	535.2	(156.9)	512.0	(150.1)	488.6	(143.2)	464.6	(136.2)
	5	(-15)	520.0	(152.4)	499.8	(146.5)	479.4	(140.5)	458.8	(134.5)	438.0	(128.4)	416.8	(122.2)
	0	(-17.8)	462.8	(135.6)	444.8	(130.4)	426.8	(125.1)	408.6	(119.7)	390.2	(114.4)	371.8	(109)

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

MEDIUM TEMPERATURE - R455A

“M9” R455A - DOUBLE WIDE

CONDENSING UNIT MODEL KVD	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 455A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVD030M9-A Compressor 3YS3R16ME	30	(-1.1)	309.8	(90.8)	297.8	(87.3)	285.6	(83.7)	273.0	(80)	260.4	(76.3)	247.4	(72.5)
	25	(-3.9)	280.6	(82.2)	269.6	(79)	258.4	(75.7)	247.2	(72.4)	235.6	(69)	223.8	(65.6)
	20	(-6.7)	253.2	(74.2)	243.4	(71.3)	233.2	(68.3)	223.0	(65.4)	212.4	(62.2)	201.8	(59.1)
	15	(-9.4)	227.8	(66.8)	218.8	(64.1)	209.8	(61.5)	200.4	(58.7)	191.0	(56)	181.4	(53.2)
	10	(-12.2)	204.0	(59.8)	196.0	(57.4)	187.8	(55)	179.4	(52.6)	171.0	(50.1)	162.4	(47.6)
	5	(-15)	181.8	(53.3)	174.6	(51.2)	167.2	(49)	159.8	(46.8)	152.4	(44.7)	144.8	(42.4)
	0	(-17.8)	161.2	(47.2)	154.6	(45.3)	148.2	(43.4)	141.6	(41.5)	135.0	(39.6)	128.4	(37.6)
KVD040M9-A Compressor 4YANR15ME	30	(-1.1)	350.6	(102.8)	337.2	(98.8)	323.6	(94.8)	309.6	(90.7)	295.4	(86.6)	280.8	(82.3)
	25	(-3.9)	317.4	(93)	305.2	(89.4)	292.6	(85.8)	280.0	(82.1)	267.0	(78.2)	253.8	(74.4)
	20	(-6.7)	286.4	(83.9)	275.2	(80.7)	264.0	(77.4)	252.4	(74)	240.6	(70.5)	228.6	(67)
	15	(-9.4)	257.4	(75.4)	247.4	(72.5)	237.2	(69.5)	226.8	(66.5)	216.2	(63.4)	205.4	(60.2)
	10	(-12.2)	230.6	(67.6)	221.4	(64.9)	212.2	(62.2)	202.8	(59.4)	193.4	(56.7)	183.8	(53.9)
	5	(-15)	205.4	(60.2)	197.2	(57.8)	189.0	(55.4)	180.6	(52.9)	172.2	(50.5)	163.8	(48)
	0	(-17.8)	181.8	(53.3)	174.6	(51.2)	167.2	(49)	159.8	(46.8)	152.4	(44.7)	145.0	(42.5)
KVD044M9-A Compressor 4YBNR19ME	30	(-1.1)	382.4	(112.1)	367.6	(107.7)	352.6	(103.3)	337.2	(98.8)	321.6	(94.3)	305.6	(89.6)
	25	(-3.9)	346.4	(101.5)	333.0	(97.6)	319.2	(93.5)	305.2	(89.4)	291.0	(85.3)	276.4	(81)
	20	(-6.7)	312.8	(91.7)	300.6	(88.1)	288.2	(84.5)	275.4	(80.7)	262.4	(76.9)	249.4	(73.1)
	15	(-9.4)	281.4	(82.5)	270.4	(79.2)	259.2	(76)	247.6	(72.6)	236.0	(69.2)	224.2	(65.7)
	10	(-12.2)	252.2	(73.9)	242.2	(71)	232.0	(68)	221.8	(65)	211.4	(62)	200.8	(58.8)
	5	(-15)	224.8	(65.9)	216.0	(63.3)	206.8	(60.6)	197.6	(57.9)	188.4	(55.2)	179.2	(52.5)
	0	(-17.8)	199.4	(58.4)	191.4	(56.1)	183.2	(53.7)	175.2	(51.3)	167.0	(48.9)	158.8	(46.5)
KVD050M9-A Compressor 4YHNR22ME	30	(-1.1)	433.6	(127.1)	416.4	(122)	399.0	(116.9)	381.2	(111.7)	363.2	(106.4)	344.8	(101.1)
	25	(-3.9)	393.4	(115.3)	377.8	(110.7)	361.8	(106)	345.6	(101.3)	329.2	(96.5)	312.4	(91.6)
	20	(-6.7)	355.6	(104.2)	341.4	(100.1)	327.0	(95.8)	312.4	(91.6)	297.4	(87.2)	282.4	(82.8)
	15	(-9.4)	320.4	(93.9)	307.6	(90.1)	294.6	(86.3)	281.4	(82.5)	268.0	(78.5)	254.4	(74.6)
	10	(-12.2)	287.4	(84.2)	275.8	(80.8)	264.2	(77.4)	252.4	(74)	240.4	(70.5)	228.4	(66.9)
	5	(-15)	256.6	(75.2)	246.2	(72.2)	235.8	(69.1)	225.4	(66.1)	214.8	(63)	204.0	(59.8)
	0	(-17.8)	227.6	(66.7)	218.6	(64.1)	209.4	(61.4)	200.0	(58.6)	190.8	(55.9)	181.4	(53.2)
KVD060M9-A Compressor 4YJNR27ME	30	(-1.1)	528.0	(154.7)	506.8	(148.5)	485.2	(142.2)	463.2	(135.8)	441.0	(129.2)	418.2	(122.6)
	25	(-3.9)	479.2	(140.4)	460.0	(134.8)	440.4	(129.1)	420.4	(123.2)	400.2	(117.3)	379.6	(111.2)
	20	(-6.7)	433.8	(127.1)	416.2	(122)	398.6	(116.8)	380.4	(111.5)	362.2	(106.1)	343.6	(100.7)
	15	(-9.4)	391.0	(114.6)	375.2	(110)	359.4	(105.3)	343.0	(100.5)	326.6	(95.7)	310.0	(90.9)
	10	(-12.2)	351.0	(102.9)	337.0	(98.8)	322.6	(94.5)	308.2	(90.3)	293.4	(86)	278.6	(81.6)
	5	(-15)	313.6	(91.9)	301.0	(88.2)	288.4	(84.5)	275.4	(80.7)	262.4	(76.9)	249.4	(73.1)
	0	(-17.8)	278.6	(81.6)	267.4	(78.4)	256.2	(75.1)	244.8	(71.7)	233.4	(68.4)	222.0	(65.1)
KVD070M9-A Compressor 6YHNR32ME	30	(-1.1)	636.0	(186.4)	610.6	(178.9)	584.6	(171.3)	558.0	(163.5)	531.0	(155.6)	503.4	(147.5)
	25	(-3.9)	576.6	(169)	553.2	(162.1)	529.4	(155.2)	505.4	(148.1)	480.8	(140.9)	455.8	(133.6)
	20	(-6.7)	520.8	(152.6)	499.6	(146.4)	478.2	(140.1)	456.2	(133.7)	434.2	(127.3)	411.6	(120.6)
	15	(-9.4)	468.6	(137.3)	449.6	(131.8)	430.2	(126.1)	410.6	(120.3)	390.8	(114.5)	370.6	(108.6)
	10	(-12.2)	420.0	(123.1)	402.8	(118)	385.6	(113)	368.0	(107.8)	350.4	(102.7)	332.6	(97.5)
	5	(-15)	374.6	(109.8)	359.2	(105.3)	343.8	(100.8)	328.4	(96.2)	312.8	(91.7)	297.2	(87.1)
	0	(-17.8)	332.2	(97.4)	318.6	(93.4)	304.8	(89.3)	291.4	(85.4)	277.8	(81.4)	264.4	(77.5)

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

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MEDIUM TEMPERATURE - R455A

“M9” R455A - DOUBLE WIDE

CONDENSING UNIT MODEL KVD	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 455A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVD080M9-A Compressor 6YJNR39ME	30	(-1.1)	777.2	(227.8)	746.4	(218.7)	714.8	(209.5)	682.8	(200.1)	650.4	(190.6)	617.4	(180.9)
	25	(-3.9)	704.8	(206.6)	676.8	(198.3)	648.0	(189.9)	619.0	(181.4)	589.4	(172.7)	559.4	(163.9)
	20	(-6.7)	637.2	(186.7)	611.8	(179.3)	585.8	(171.7)	559.4	(163.9)	532.6	(156.1)	505.6	(148.2)
	15	(-9.4)	574.2	(168.3)	551.0	(161.5)	527.6	(154.6)	504.0	(147.7)	480.0	(140.7)	455.8	(133.6)
	10	(-12.2)	515.2	(151)	494.4	(144.9)	473.4	(138.7)	452.2	(132.5)	431.0	(126.3)	409.4	(120)
	5	(-15)	460.2	(134.9)	441.6	(129.4)	423.0	(124)	404.2	(118.5)	385.2	(112.9)	366.4	(107.4)
	0	(-17.8)	408.6	(119.7)	392.2	(114.9)	375.6	(110.1)	359.0	(105.2)	342.6	(100.4)	326.2	(95.6)
KVD100M9-A Compressor 6YUNR48ME	30	(-1.1)	901.8	(264.3)	865.2	(253.6)	827.8	(242.6)	790.0	(231.5)	751.6	(220.3)	-	-
	25	(-3.9)	819.4	(240.1)	786.0	(230.4)	752.0	(220.4)	717.6	(210.3)	682.8	(200.1)	647.6	(189.8)
	20	(-6.7)	742.2	(217.5)	712.0	(208.7)	681.2	(199.6)	650.0	(190.5)	618.6	(181.3)	586.8	(172)
	15	(-9.4)	669.8	(196.3)	642.6	(188.3)	614.8	(180.2)	586.8	(172)	558.6	(163.7)	530.2	(155.4)
	10	(-12.2)	602.2	(176.5)	577.6	(169.3)	552.8	(162)	527.8	(154.7)	502.8	(147.4)	477.6	(140)
	5	(-15)	538.6	(157.8)	516.8	(151.5)	494.6	(145)	472.6	(138.5)	450.4	(132)	428.4	(125.6)
	0	(-17.8)	479.0	(140.4)	459.6	(134.7)	440.0	(129)	420.6	(123.3)	401.4	(117.6)	382.2	(112)

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

LOW TEMPERATURE - R454A

“L9” R454A - DOUBLE WIDE

CONDENSING UNIT MODEL KVD	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVD020L9-A Compressor 3YS3F33KE	0	(-17.8)	171.8	(50.3)	165.0	(48.4)	158.2	(46.4)	151.4	(44.4)	144.4	(42.3)	-	-
	-5	(-20.6)	152.4	(44.7)	146.2	(42.8)	140.2	(41.1)	134.0	(39.3)	127.8	(37.5)	121.6	(35.6)
	-10	(-23.3)	134.4	(39.4)	128.8	(37.7)	123.4	(36.2)	117.8	(34.5)	112.2	(32.9)	106.6	(31.2)
	-15	(-26.1)	117.8	(34.5)	112.8	(33.1)	107.8	(31.6)	102.8	(30.1)	97.8	(28.7)	92.8	(27.2)
	-20	(-28.9)	102.4	(30)	97.8	(28.7)	93.4	(27.4)	89.0	(26.1)	84.6	(24.8)	80.2	(23.5)
	-25	(-31.7)	88.2	(25.8)	84.2	(24.7)	80.2	(23.5)	76.4	(22.4)	72.4	(21.2)	68.6	(20.1)
	-30	(-34.4)	75.4	(22.1)	71.8	(21)	68.4	(20)	65.0	(19)	61.6	(18.1)	58.2	(17.1)
	-35	(-37.2)	63.8	(18.7)	60.8	(17.8)	57.6	(16.9)	54.6	(16)	51.6	(15.1)	48.8	(14.3)
	-40	(-40)	53.6	(15.7)	50.8	(14.9)	48.2	(14.1)	45.4	(13.3)	43.0	(12.6)	40.4	(11.8)
KVD030L9-A Compressor 4YHNF46KE	0	(-17.8)	236.6	(69.3)	227.2	(66.6)	217.8	(63.8)	208.4	(61.1)	198.8	(58.3)	-	-
	-5	(-20.6)	211.0	(61.8)	202.4	(59.3)	193.8	(56.8)	185.2	(54.3)	176.6	(51.8)	-	-
	-10	(-23.3)	186.6	(54.7)	179.0	(52.5)	171.2	(50.2)	163.4	(47.9)	155.6	(45.6)	-	-
	-15	(-26.1)	164.0	(48.1)	157.0	(46)	150.0	(44)	143.0	(41.9)	136.0	(39.9)	129.2	(37.9)
	-20	(-28.9)	142.8	(41.9)	136.6	(40)	130.2	(38.2)	124.0	(36.3)	117.8	(34.5)	111.6	(32.7)
	-25	(-31.7)	123.4	(36.2)	117.8	(34.5)	112.2	(32.9)	106.6	(31.2)	101.0	(29.6)	95.6	(28)
	-30	(-34.4)	105.6	(30.9)	100.6	(29.5)	95.6	(28)	90.8	(26.6)	85.8	(25.1)	81.0	(23.7)
	-35	(-37.2)	89.6	(26.3)	85.2	(25)	80.8	(23.7)	76.6	(22.4)	72.2	(21.2)	68.0	(19.9)
	-40	(-40)	75.6	(22.2)	71.8	(21)	67.8	(19.9)	64.0	(18.8)	60.2	(17.6)	56.4	(16.5)
KVD044L9-A Compressor 4YJNF59KE	0	(-17.8)	298.0	(87.3)	286.2	(83.9)	274.6	(80.5)	262.8	(77)	251.2	(73.6)	-	-
	-5	(-20.6)	265.2	(77.7)	254.6	(74.6)	244.0	(71.5)	233.4	(68.4)	222.8	(65.3)	-	-
	-10	(-23.3)	234.6	(68.8)	225.0	(65.9)	215.4	(63.1)	205.8	(60.3)	196.2	(57.5)	186.6	(54.7)
	-15	(-26.1)	206.0	(60.4)	197.4	(57.9)	188.8	(55.3)	180.2	(52.8)	171.6	(50.3)	163.0	(47.8)
	-20	(-28.9)	179.6	(52.6)	171.8	(50.3)	164.2	(48.1)	156.4	(45.8)	148.8	(43.6)	141.2	(41.4)
	-25	(-31.7)	155.4	(45.5)	148.4	(43.5)	141.6	(41.5)	134.8	(39.5)	128.0	(37.5)	121.2	(35.5)
	-30	(-34.4)	133.2	(39)	127.2	(37.3)	121.0	(35.5)	115.0	(33.7)	109.0	(31.9)	103.2	(30.2)
	-35	(-37.2)	113.4	(33.2)	108.2	(31.7)	102.8	(30.1)	97.4	(28.5)	92.2	(27)	87.2	(25.6)
	-40	(-40)	96.0	(28.1)	91.2	(26.7)	86.6	(25.4)	82.0	(24)	77.4	(22.7)	73.0	(21.4)
KVD054L9-A Compressor 6YHNF68KE	0	(-17.8)	356.4	(104.5)	342.4	(100.3)	328.4	(96.2)	314.4	(92.1)	300.4	(88)	-	-
	-5	(-20.6)	317.0	(92.9)	304.4	(89.2)	291.8	(85.5)	279.0	(81.8)	266.4	(78.1)	253.8	(74.4)
	-10	(-23.3)	280.2	(82.1)	268.8	(78.8)	257.4	(75.4)	246.0	(72.1)	234.8	(68.8)	223.4	(65.5)
	-15	(-26.1)	246.0	(72.1)	235.8	(69.1)	225.6	(66.1)	215.4	(63.1)	205.2	(60.1)	195.0	(57.1)
	-20	(-28.9)	214.4	(62.8)	205.2	(60.1)	196.0	(57.4)	187.0	(54.8)	177.8	(52.1)	168.8	(49.5)
	-25	(-31.7)	185.4	(54.3)	177.2	(51.9)	169.0	(49.5)	161.0	(47.2)	152.8	(44.8)	145.0	(42.5)
	-30	(-34.4)	159.0	(46.6)	151.8	(44.5)	144.4	(42.3)	137.4	(40.3)	130.2	(38.2)	123.2	(36.1)
	-35	(-37.2)	135.4	(39.7)	129.0	(37.8)	122.4	(35.9)	116.2	(34.1)	109.8	(32.2)	103.6	(30.4)
	-40	(-40)	114.6	(33.6)	108.8	(31.9)	103.0	(30.2)	97.4	(28.5)	91.8	(26.9)	86.4	(25.3)

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

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LOW TEMPERATURE - R454A

“L9” R454A - DOUBLE WIDE

CONDENSING UNIT MODEL KVD	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVD060L9-A Compressor 6YJNF84KE	0	(-17.8)	425.4	(124.7)	408.6	(119.7)	392.0	(114.9)	375.2	(110)	-	-	-	-
	-5	(-20.6)	379.4	(111.2)	364.2	(106.7)	349.0	(102.3)	333.8	(97.8)	318.6	(93.4)	-	-
	-10	(-23.3)	336.0	(98.5)	322.2	(94.4)	308.6	(90.4)	294.8	(86.4)	281.2	(82.4)	-	-
	-15	(-26.1)	295.6	(86.6)	283.2	(83)	270.8	(79.4)	258.6	(75.8)	246.2	(72.2)	234.0	(68.6)
	-20	(-28.9)	258.2	(75.7)	247.0	(72.4)	236.0	(69.2)	225.0	(65.9)	214.0	(62.7)	203.0	(59.5)
	-25	(-31.7)	223.8	(65.6)	213.8	(62.7)	204.0	(59.8)	194.2	(56.9)	184.4	(54)	174.8	(51.2)
	-30	(-34.4)	192.4	(56.4)	183.6	(53.8)	175.0	(51.3)	166.2	(48.7)	157.6	(46.2)	149.2	(43.7)
	-35	(-37.2)	164.4	(48.2)	156.6	(45.9)	148.8	(43.6)	141.2	(41.4)	133.8	(39.2)	126.2	(37)
	-40	(-40)	139.6	(40.9)	132.6	(38.9)	126.0	(36.9)	119.2	(34.9)	112.6	(33)	106.2	(31.1)
KVD080L9-A Compressor 6YUNF10ME	0	(-17.8)	505.6	(148.2)	485.8	(142.4)	466.0	(136.6)	446.2	(130.8)	-	-	-	-
	-5	(-20.6)	451.0	(132.2)	433.0	(126.9)	415.0	(121.6)	397.2	(116.4)	379.2	(111.1)	-	-
	-10	(-23.3)	399.8	(117.2)	383.4	(112.4)	367.2	(107.6)	351.0	(102.9)	335.0	(98.2)	-	-
	-15	(-26.1)	351.8	(103.1)	337.2	(98.8)	322.6	(94.5)	308.0	(90.3)	293.6	(86)	279.2	(81.8)
	-20	(-28.9)	307.4	(90.1)	294.2	(86.2)	281.2	(82.4)	268.2	(78.6)	255.2	(74.8)	242.4	(71)
	-25	(-31.7)	266.6	(78.1)	254.8	(74.7)	243.2	(71.3)	231.6	(67.9)	220.2	(64.5)	208.8	(61.2)
	-30	(-34.4)	229.6	(67.3)	219.2	(64.2)	208.8	(61.2)	198.4	(58.1)	188.2	(55.2)	178.2	(52.2)
	-35	(-37.2)	196.2	(57.5)	187.0	(54.8)	177.8	(52.1)	168.8	(49.5)	159.8	(46.8)	151.0	(44.3)
	-40	(-40)	166.8	(48.9)	158.6	(46.5)	150.6	(44.1)	142.6	(41.8)	134.8	(39.5)	127.2	(37.3)

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

LOW TEMPERATURE - R454C

“L9” R454C - DOUBLE WIDE

CONDENSING UNIT MODEL KVD	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454C-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVD020L9-A Compressor 3YS3F33KE	0	(-17.8)	146.4	(42.9)	140.6	(41.2)	134.8	(39.5)	129.0	(37.8)	123.2	(36.1)	117.4	(34.4)
	-5	(-20.6)	129.8	(38)	124.4	(36.5)	119.2	(34.9)	113.8	(33.4)	108.6	(31.8)	103.4	(30.3)
	-10	(-23.3)	114.2	(33.5)	109.4	(32.1)	104.6	(30.7)	99.8	(29.2)	95.0	(27.8)	90.4	(26.5)
	-15	(-26.1)	99.6	(29.2)	95.4	(28)	91.2	(26.7)	86.8	(25.4)	82.6	(24.2)	78.4	(23)
	-20	(-28.9)	86.4	(25.3)	82.6	(24.2)	78.8	(23.1)	75.0	(22)	71.4	(20.9)	67.6	(19.8)
	-25	(-31.7)	74.4	(21.8)	71.0	(20.8)	67.6	(19.8)	64.2	(18.8)	61.0	(17.9)	57.8	(16.9)
	-30	(-34.4)	63.4	(18.6)	60.4	(17.7)	57.6	(16.9)	54.6	(16)	51.8	(15.2)	49.2	(14.4)
	-35	(-37.2)	53.8	(15.8)	51.2	(15)	48.6	(14.2)	46.2	(13.5)	43.8	(12.8)	41.6	(12.2)
	-40	(-40)	45.2	(13.2)	43.0	(12.6)	41.0	(12)	39.0	(11.4)	37.0	(10.8)	35.0	(10.3)
KVD030L9-A Compressor 4YHNF46KE	0	(-17.8)	204.4	(59.9)	196.2	(57.5)	188.0	(55.1)	179.6	(52.6)	171.4	(50.2)	-	-
	-5	(-20.6)	181.4	(53.2)	174.0	(51)	166.6	(48.8)	159.0	(46.6)	151.6	(44.4)	-	-
	-10	(-23.3)	160.0	(46.9)	153.4	(45)	146.6	(43)	139.8	(41)	133.2	(39)	126.4	(37)
	-15	(-26.1)	140.2	(41.1)	134.2	(39.3)	128.0	(37.5)	122.0	(35.8)	116.0	(34)	110.0	(32.2)
	-20	(-28.9)	121.8	(35.7)	116.4	(34.1)	111.0	(32.5)	105.6	(30.9)	100.4	(29.4)	95.0	(27.8)
	-25	(-31.7)	104.8	(30.7)	100.2	(29.4)	95.4	(28)	90.6	(26.6)	86.0	(25.2)	81.4	(23.9)
	-30	(-34.4)	89.6	(26.3)	85.4	(25)	81.4	(23.9)	77.2	(22.6)	73.2	(21.5)	69.2	(20.3)
	-35	(-37.2)	76.0	(22.3)	72.4	(21.2)	68.8	(20.2)	65.2	(19.1)	61.8	(18.1)	58.4	(17.1)
	-40	(-40)	64.0	(18.8)	60.8	(17.8)	57.8	(16.9)	54.8	(16.1)	51.8	(15.2)	49.0	(14.4)
KVD044L9-A Compressor 4YJNF59KE	0	(-17.8)	255.6	(74.9)	245.4	(71.9)	235.2	(68.9)	225.2	(66)	214.8	(63)	-	-
	-5	(-20.6)	227.0	(66.5)	217.8	(63.8)	208.6	(61.1)	199.4	(58.4)	190.0	(55.7)	180.8	(53)
	-10	(-23.3)	200.2	(58.7)	192.0	(56.3)	183.6	(53.8)	175.2	(51.3)	167.0	(48.9)	158.6	(46.5)
	-15	(-26.1)	175.4	(51.4)	167.8	(49.2)	160.4	(47)	153.0	(44.8)	145.6	(42.7)	138.0	(40.4)
	-20	(-28.9)	152.4	(44.7)	145.8	(42.7)	139.2	(40.8)	132.4	(38.8)	125.8	(36.9)	119.2	(34.9)
	-25	(-31.7)	131.4	(38.5)	125.4	(36.8)	119.6	(35.1)	113.8	(33.4)	108.0	(31.7)	102.2	(30)
	-30	(-34.4)	112.4	(32.9)	107.2	(31.4)	102.0	(29.9)	97.0	(28.4)	92.0	(27)	87.0	(25.5)
	-35	(-37.2)	95.4	(28)	91.0	(26.7)	86.6	(25.4)	82.2	(24.1)	77.8	(22.8)	73.6	(21.6)
	-40	(-40)	80.6	(23.6)	76.6	(22.4)	72.8	(21.3)	69.2	(20.3)	65.6	(19.2)	62.2	(18.2)
KVD054L9-A Compressor 6YHNF68KE	0	(-17.8)	304.8	(89.3)	292.8	(85.8)	280.4	(82.2)	268.2	(78.6)	255.8	(75)	-	-
	-5	(-20.6)	270.6	(79.3)	259.6	(76.1)	248.6	(72.9)	237.4	(69.6)	226.2	(66.3)	215.0	(63)
	-10	(-23.3)	238.6	(69.9)	228.8	(67.1)	218.8	(64.1)	208.8	(61.2)	198.8	(58.3)	188.8	(55.3)
	-15	(-26.1)	209.0	(61.3)	200.0	(58.6)	191.2	(56)	182.2	(53.4)	173.2	(50.8)	164.4	(48.2)
	-20	(-28.9)	181.6	(53.2)	173.6	(50.9)	165.8	(48.6)	157.8	(46.2)	150.0	(44)	142.0	(41.6)
	-25	(-31.7)	156.6	(45.9)	149.6	(43.8)	142.6	(41.8)	135.6	(39.7)	128.6	(37.7)	121.8	(35.7)
	-30	(-34.4)	134.0	(39.3)	127.8	(37.5)	121.6	(35.6)	115.6	(33.9)	109.6	(32.1)	103.8	(30.4)
	-35	(-37.2)	113.6	(33.3)	108.4	(31.8)	103.0	(30.2)	97.8	(28.7)	92.8	(27.2)	87.8	(25.7)
	-40	(-40)	95.8	(28.1)	91.2	(26.7)	86.6	(25.4)	82.4	(24.1)	78.0	(22.9)	73.8	(21.6)

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

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LOW TEMPERATURE - R454C

“L9” R454C - DOUBLE WIDE

CONDENSING UNIT MODEL KVD	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454C-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVD060L9-A Compressor 6YJNF84KE	0	(-17.8)	365.8	(107.2)	351.0	(102.9)	336.2	(98.5)	321.2	(94.1)	306.2	(89.7)	-	-
	-5	(-20.6)	325.2	(95.3)	311.8	(91.4)	298.4	(87.5)	284.8	(83.5)	271.2	(79.5)	-	-
	-10	(-23.3)	287.4	(84.2)	275.2	(80.7)	263.2	(77.1)	251.0	(73.6)	238.8	(70)	-	-
	-15	(-26.1)	252.0	(73.9)	241.2	(70.7)	230.4	(67.5)	219.6	(64.4)	208.6	(61.1)	197.8	(58)
	-20	(-28.9)	219.6	(64.4)	209.8	(61.5)	200.2	(58.7)	190.6	(55.9)	181.0	(53)	171.4	(50.2)
	-25	(-31.7)	189.8	(55.6)	181.2	(53.1)	172.6	(50.6)	164.2	(48.1)	155.8	(45.7)	147.6	(43.3)
	-30	(-34.4)	162.6	(47.7)	155.2	(45.5)	147.8	(43.3)	140.4	(41.1)	133.2	(39)	126.0	(36.9)
	-35	(-37.2)	138.4	(40.6)	132.0	(38.7)	125.6	(36.8)	119.2	(34.9)	113.2	(33.2)	107.2	(31.4)
	-40	(-40)	117.0	(34.3)	111.4	(32.6)	106.0	(31.1)	100.8	(29.5)	95.6	(28)	90.6	(26.6)
KVD080L9-A Compressor 6YUNF10ME	0	(-17.8)	437.4	(128.2)	420.2	(123.1)	403.0	(118.1)	385.8	(113.1)	368.4	(108)	-	-
	-5	(-20.6)	388.6	(113.9)	373.0	(109.3)	357.4	(104.7)	341.8	(100.2)	326.0	(95.5)	-	-
	-10	(-23.3)	343.2	(100.6)	329.0	(96.4)	314.8	(92.3)	300.8	(88.2)	286.6	(84)	-	-
	-15	(-26.1)	301.0	(88.2)	288.2	(84.5)	275.6	(80.8)	262.8	(77)	250.2	(73.3)	237.4	(69.6)
	-20	(-28.9)	262.2	(76.8)	250.8	(73.5)	239.4	(70.2)	228.0	(66.8)	216.8	(63.5)	205.6	(60.3)
	-25	(-31.7)	226.8	(66.5)	216.6	(63.5)	206.6	(60.5)	196.6	(57.6)	186.6	(54.7)	176.6	(51.8)
	-30	(-34.4)	194.6	(57)	185.8	(54.5)	176.8	(51.8)	168.2	(49.3)	159.4	(46.7)	150.8	(44.2)
	-35	(-37.2)	166.0	(48.6)	158.2	(46.4)	150.6	(44.1)	142.8	(41.9)	135.4	(39.7)	128.0	(37.5)
	-40	(-40)	140.8	(41.3)	134.0	(39.3)	127.4	(37.3)	120.8	(35.4)	114.4	(33.5)	108.2	(31.7)

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

LOW TEMPERATURE - R455A

“L9” R455A - DOUBLE WIDE

CONDENSING UNIT MODEL KVD	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 455A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVD020L9-A Compressor 3YS3F33KE	0	(-17.8)	153.0	(44.8)	146.8	(43)	140.4	(41.1)	134.2	(39.3)	127.8	(37.5)	-	-
	-5	(-20.6)	135.4	(39.7)	129.8	(38)	124.0	(36.3)	118.2	(34.6)	112.6	(33)	-	-
	-10	(-23.3)	119.0	(34.9)	113.8	(33.4)	108.6	(31.8)	103.6	(30.4)	98.4	(28.8)	-	-
	-15	(-26.1)	103.8	(30.4)	99.2	(29.1)	94.6	(27.7)	90.0	(26.4)	85.4	(25)	80.8	(23.7)
	-20	(-28.9)	89.8	(26.3)	85.6	(25.1)	81.6	(23.9)	77.4	(22.7)	73.4	(21.5)	69.4	(20.3)
	-25	(-31.7)	77.0	(22.6)	73.4	(21.5)	69.8	(20.5)	66.2	(19.4)	62.6	(18.3)	59.2	(17.3)
	-30	(-34.4)	65.6	(19.2)	62.4	(18.3)	59.2	(17.3)	56.0	(16.4)	53.0	(15.5)	50.0	(14.7)
	-35	(-37.2)	55.2	(16.2)	52.4	(15.4)	49.8	(14.6)	47.0	(13.8)	44.4	(13)	42.0	(12.3)
	-40	(-40)	46.2	(13.5)	43.8	(12.8)	41.6	(12.2)	39.2	(11.5)	37.0	(10.8)	35.0	(10.3)
KVD030L9-A Compressor 4YHNF46KE	0	(-17.8)	213.0	(62.4)	204.2	(59.8)	195.2	(57.2)	186.4	(54.6)	-	-	-	-
	-5	(-20.6)	189.0	(55.4)	181.0	(53)	173.0	(50.7)	165.0	(48.4)	156.8	(46)	-	-
	-10	(-23.3)	166.6	(48.8)	159.4	(46.7)	152.0	(44.5)	144.8	(42.4)	137.6	(40.3)	-	-
	-15	(-26.1)	145.6	(42.7)	139.2	(40.8)	132.6	(38.9)	126.2	(37)	119.6	(35.1)	-	-
	-20	(-28.9)	126.4	(37)	120.6	(35.3)	114.6	(33.6)	109.0	(31.9)	103.2	(30.2)	97.4	(28.5)
	-25	(-31.7)	108.6	(31.8)	103.4	(30.3)	98.2	(28.8)	93.2	(27.3)	88.0	(25.8)	83.0	(24.3)
	-30	(-34.4)	92.6	(27.1)	88.0	(25.8)	83.4	(24.4)	78.8	(23.1)	74.4	(21.8)	70.0	(20.5)
	-35	(-37.2)	78.2	(22.9)	74.2	(21.7)	70.2	(20.6)	66.2	(19.4)	62.4	(18.3)	58.6	(17.2)
	-40	(-40)	65.4	(19.2)	62.0	(18.2)	58.4	(17.1)	55.0	(16.1)	51.6	(15.1)	48.4	(14.2)
KVD044L9-A Compressor 4YJNF59KE	0	(-17.8)	266.2	(78)	255.4	(74.9)	244.4	(71.6)	233.4	(68.4)	222.4	(65.2)	-	-
	-5	(-20.6)	236.4	(69.3)	226.4	(66.4)	216.6	(63.5)	206.6	(60.5)	196.6	(57.6)	-	-
	-10	(-23.3)	208.4	(61.1)	199.4	(58.4)	190.4	(55.8)	181.4	(53.2)	172.4	(50.5)	-	-
	-15	(-26.1)	182.2	(53.4)	174.2	(51.1)	166.2	(48.7)	158.2	(46.4)	150.2	(44)	142.2	(41.7)
	-20	(-28.9)	158.2	(46.4)	151.0	(44.3)	143.8	(42.1)	136.8	(40.1)	129.6	(38)	122.6	(35.9)
	-25	(-31.7)	136.2	(39.9)	129.8	(38)	123.6	(36.2)	117.2	(34.3)	111.0	(32.5)	104.8	(30.7)
	-30	(-34.4)	116.2	(34.1)	110.6	(32.4)	105.2	(30.8)	99.6	(29.2)	94.2	(27.6)	88.8	(26)
	-35	(-37.2)	98.6	(28.9)	93.6	(27.4)	88.8	(26)	84.0	(24.6)	79.2	(23.2)	74.6	(21.9)
	-40	(-40)	82.8	(24.3)	78.6	(23)	74.4	(21.8)	70.4	(20.6)	66.4	(19.5)	62.4	(18.3)
KVD054L9-A Compressor 6YHNF68KE	0	(-17.8)	318.0	(93.2)	305.0	(89.4)	291.8	(85.5)	278.8	(81.7)	265.6	(77.8)	-	-
	-5	(-20.6)	282.0	(82.6)	270.2	(79.2)	258.4	(75.7)	246.4	(72.2)	234.6	(68.8)	-	-
	-10	(-23.3)	248.4	(72.8)	237.6	(69.6)	227.0	(66.5)	216.4	(63.4)	205.6	(60.3)	-	-
	-15	(-26.1)	217.2	(63.7)	207.6	(60.8)	198.0	(58)	188.4	(55.2)	179.0	(52.5)	169.6	(49.7)
	-20	(-28.9)	188.4	(55.2)	179.8	(52.7)	171.4	(50.2)	162.8	(47.7)	154.4	(45.3)	146.2	(42.8)
	-25	(-31.7)	162.2	(47.5)	154.6	(45.3)	147.0	(43.1)	139.6	(40.9)	132.2	(38.7)	124.8	(36.6)
	-30	(-34.4)	138.4	(40.6)	131.6	(38.6)	125.0	(36.6)	118.4	(34.7)	112.0	(32.8)	105.6	(30.9)
	-35	(-37.2)	117.0	(34.3)	111.2	(32.6)	105.4	(30.9)	99.6	(29.2)	94.0	(27.5)	88.6	(26)
	-40	(-40)	98.2	(28.8)	93.0	(27.3)	88.0	(25.8)	83.0	(24.3)	78.2	(22.9)	73.6	(21.6)

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

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LOW TEMPERATURE - R455A

“L9” R455A - DOUBLE WIDE

CONDENSING UNIT MODEL KVD	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 455A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVD060L9-A Compressor 6YJNF84KE	0	(-17.8)	380.4	(111.5)	364.8	(106.9)	349.0	(102.3)	333.2	(97.7)	-	-	-	-
	-5	(-20.6)	338.0	(99.1)	323.8	(94.9)	309.4	(90.7)	295.2	(86.5)	-	-	-	-
	-10	(-23.3)	298.4	(87.5)	285.4	(83.6)	272.6	(79.9)	259.6	(76.1)	246.8	(72.3)	-	-
	-15	(-26.1)	261.4	(76.6)	249.8	(73.2)	238.2	(69.8)	226.6	(66.4)	215.2	(63.1)	-	-
	-20	(-28.9)	227.2	(66.6)	216.8	(63.5)	206.6	(60.5)	196.4	(57.6)	186.2	(54.6)	-	-
	-25	(-31.7)	196.0	(57.4)	186.8	(54.7)	177.8	(52.1)	168.6	(49.4)	159.8	(46.8)	151.0	(44.3)
	-30	(-34.4)	167.8	(49.2)	159.6	(46.8)	151.6	(44.4)	143.8	(42.1)	136.0	(39.9)	128.4	(37.6)
	-35	(-37.2)	142.4	(41.7)	135.4	(39.7)	128.6	(37.7)	121.8	(35.7)	115.0	(33.7)	108.6	(31.8)
	-40	(-40)	120.2	(35.2)	114.2	(33.5)	108.2	(31.7)	102.4	(30)	96.8	(28.4)	91.6	(26.8)
KVD080L9-A Compressor 6YUNF10ME	0	(-17.8)	452.4	(132.6)	433.8	(127.1)	415.0	(121.6)	396.4	(116.2)	-	-	-	-
	-5	(-20.6)	402.2	(117.9)	385.4	(112.9)	368.4	(108)	351.4	(103)	-	-	-	-
	-10	(-23.3)	355.2	(104.1)	340.0	(99.6)	324.6	(95.1)	309.4	(90.7)	294.2	(86.2)	-	-
	-15	(-26.1)	311.4	(91.3)	297.8	(87.3)	284.0	(83.2)	270.4	(79.2)	256.8	(75.3)	-	-
	-20	(-28.9)	271.0	(79.4)	258.8	(75.8)	246.6	(72.3)	234.4	(68.7)	222.2	(65.1)	-	-
	-25	(-31.7)	234.0	(68.6)	223.2	(65.4)	212.4	(62.2)	201.6	(59.1)	191.0	(56)	180.4	(52.9)
	-30	(-34.4)	200.6	(58.8)	191.0	(56)	181.4	(53.2)	172.0	(50.4)	162.8	(47.7)	153.6	(45)
	-35	(-37.2)	170.6	(50)	162.2	(47.5)	153.8	(45.1)	145.8	(42.7)	137.8	(40.4)	129.8	(38)
	-40	(-40)	144.2	(42.3)	137.0	(40.2)	129.8	(38)	122.8	(36)	116.0	(34)	109.4	(32.1)

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

TEMPERATURE MODELS w/ 850RPM EC MOTOR(S) - R454A

“D9” R454A - DOUBLE WIDE

CONDENSING UNIT MODEL KVD	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVD020D9-A Compressor 3YS3F33KE	0	(-17.8)	169.2	(49.6)	162.4	(47.6)	155.6	(45.6)	148.8	(43.6)	142.0	(41.6)	-	-
	-5	(-20.6)	150.2	(44)	144.2	(42.3)	138.0	(40.4)	131.8	(38.6)	125.8	(36.9)	-	-
	-10	(-23.3)	132.6	(38.9)	127.0	(37.2)	121.6	(35.6)	116.0	(34)	110.6	(32.4)	105.0	(30.8)
	-15	(-26.1)	116.2	(34.1)	111.2	(32.6)	106.4	(31.2)	101.4	(29.7)	96.4	(28.3)	91.6	(26.8)
	-20	(-28.9)	101.0	(29.6)	96.6	(28.3)	92.2	(27)	87.8	(25.7)	83.4	(24.4)	79.2	(23.2)
	-25	(-31.7)	87.2	(25.6)	83.2	(24.4)	79.4	(23.3)	75.4	(22.1)	71.6	(21)	67.8	(19.9)
	-30	(-34.4)	74.6	(21.9)	71.2	(20.9)	67.6	(19.8)	64.2	(18.8)	60.8	(17.8)	57.4	(16.8)
	-35	(-37.2)	63.2	(18.5)	60.2	(17.6)	57.0	(16.7)	54.0	(15.8)	51.2	(15)	48.2	(14.1)
	-40	(-40)	53.2	(15.6)	50.4	(14.8)	47.6	(14)	45.0	(13.2)	42.4	(12.4)	40.0	(11.7)
KVD030D9-A Compressor 4YHNF46KE	0	(-17.8)	231.2	(67.8)	222.0	(65.1)	212.6	(62.3)	203.2	(59.6)	-	-	-	-
	-5	(-20.6)	206.4	(60.5)	198.0	(58)	189.4	(55.5)	181.0	(53)	172.6	(50.6)	-	-
	-10	(-23.3)	183.0	(53.6)	175.4	(51.4)	167.6	(49.1)	160.0	(46.9)	152.2	(44.6)	-	-
	-15	(-26.1)	161.0	(47.2)	154.0	(45.1)	147.0	(43.1)	140.2	(41.1)	133.2	(39)	-	-
	-20	(-28.9)	140.4	(41.1)	134.2	(39.3)	128.0	(37.5)	121.8	(35.7)	115.6	(33.9)	109.4	(32.1)
	-25	(-31.7)	121.4	(35.6)	115.8	(33.9)	110.2	(32.3)	104.8	(30.7)	99.2	(29.1)	93.8	(27.5)
	-30	(-34.4)	104.0	(30.5)	99.0	(29)	94.2	(27.6)	89.2	(26.1)	84.4	(24.7)	79.6	(23.3)
	-35	(-37.2)	88.4	(25.9)	84.0	(24.6)	79.6	(23.3)	75.4	(22.1)	71.0	(20.8)	66.8	(19.6)
	-40	(-40)	74.6	(21.9)	70.6	(20.7)	66.8	(19.6)	63.0	(18.5)	59.2	(17.3)	55.6	(16.3)
KVD044D9-A Compressor 4YJNF59KE	0	(-17.8)	293.6	(86)	282.0	(82.6)	270.2	(79.2)	258.6	(75.8)	247.0	(72.4)	-	-
	-5	(-20.6)	261.6	(76.7)	251.0	(73.6)	240.4	(70.5)	230.0	(67.4)	219.4	(64.3)	-	-
	-10	(-23.3)	231.6	(67.9)	222.0	(65.1)	212.4	(62.2)	203.0	(59.5)	193.4	(56.7)	-	-
	-15	(-26.1)	203.6	(59.7)	195.0	(57.1)	186.4	(54.6)	177.8	(52.1)	169.2	(49.6)	160.8	(47.1)
	-20	(-28.9)	177.6	(52)	169.8	(49.8)	162.2	(47.5)	154.4	(45.3)	146.8	(43)	139.2	(40.8)
	-25	(-31.7)	153.6	(45)	146.8	(43)	140.0	(41)	133.2	(39)	126.4	(37)	119.8	(35.1)
	-30	(-34.4)	132.0	(38.7)	125.8	(36.9)	119.8	(35.1)	113.8	(33.4)	107.8	(31.6)	102.0	(29.9)
	-35	(-37.2)	112.4	(32.9)	107.0	(31.4)	101.8	(29.8)	96.4	(28.3)	91.2	(26.7)	86.2	(25.3)
	-40	(-40)	95.2	(27.9)	90.4	(26.5)	85.8	(25.1)	81.2	(23.8)	76.6	(22.4)	72.4	(21.2)
KVD054D9-A Compressor 6YHNF68KE	0	(-17.8)	350.8	(102.8)	336.8	(98.7)	323.0	(94.7)	309.0	(90.6)	295.2	(86.5)	-	-
	-5	(-20.6)	312.4	(91.6)	299.8	(87.9)	287.2	(84.2)	274.6	(80.5)	262.2	(76.8)	-	-
	-10	(-23.3)	276.4	(81)	265.0	(77.7)	253.8	(74.4)	242.4	(71)	231.2	(67.8)	220.0	(64.5)
	-15	(-26.1)	242.8	(71.2)	232.6	(68.2)	222.4	(65.2)	212.4	(62.2)	202.2	(59.3)	192.2	(56.3)
	-20	(-28.9)	211.8	(62.1)	202.6	(59.4)	193.6	(56.7)	184.6	(54.1)	175.6	(51.5)	166.6	(48.8)
	-25	(-31.7)	183.2	(53.7)	175.0	(51.3)	167.0	(48.9)	159.0	(46.6)	151.0	(44.3)	143.0	(41.9)
	-30	(-34.4)	157.2	(46.1)	150.0	(44)	142.8	(41.9)	135.8	(39.8)	128.6	(37.7)	121.6	(35.6)
	-35	(-37.2)	134.0	(39.3)	127.6	(37.4)	121.2	(35.5)	114.8	(33.6)	108.6	(31.8)	102.4	(30)
	-40	(-40)	113.4	(33.2)	107.6	(31.5)	102.0	(29.9)	96.4	(28.3)	90.8	(26.6)	85.4	(25)

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

TEMPERATURE MODELS w/ 850RPM EC MOTOR(S) - R454C

“D9” R454C - DOUBLE WIDE

CONDENSING UNIT MODEL KVD	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454C-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85 (29.4)	90 (32.2)	95 (35)	100 (37.8)	105 (40.6)	110 (43.3)						
KVD020D9-A Compressor 3YS3F33KE	0	(-17.8)	144.4 (42.3)	138.6 (40.6)	132.8 (38.9)	127.0 (37.2)	121.4 (35.6)	-	-					
	-5	(-20.6)	128.0 (37.5)	122.8 (36)	117.6 (34.5)	112.2 (32.9)	107.0 (31.4)	101.8 (29.8)						
	-10	(-23.3)	112.8 (33.1)	108.0 (31.7)	103.2 (30.2)	98.6 (28.9)	93.8 (27.5)	89.2 (26.1)						
	-15	(-26.1)	98.6 (28.9)	94.2 (27.6)	90.0 (26.4)	85.8 (25.1)	81.6 (23.9)	77.4 (22.7)						
	-20	(-28.9)	85.4 (25)	81.6 (23.9)	77.8 (22.8)	74.2 (21.7)	70.4 (20.6)	66.8 (19.6)						
	-25	(-31.7)	73.6 (21.6)	70.2 (20.6)	66.8 (19.6)	63.6 (18.6)	60.4 (17.7)	57.2 (16.8)						
	-30	(-34.4)	62.8 (18.4)	59.8 (17.5)	57.0 (16.7)	54.2 (15.9)	51.4 (15.1)	48.6 (14.2)						
	-35	(-37.2)	53.2 (15.6)	50.8 (14.9)	48.2 (14.1)	45.8 (13.4)	43.4 (12.7)	41.2 (12.1)						
	-40	(-40)	44.8 (13.1)	42.8 (12.5)	40.6 (11.9)	38.6 (11.3)	36.6 (10.7)	34.8 (10.2)						
KVD030D9-A Compressor 4YHNF46KE	0	(-17.8)	200.2 (58.7)	192.0 (56.3)	183.8 (53.9)	175.6 (51.5)	-	-	-	-				
	-5	(-20.6)	178.0 (52.2)	170.6 (50)	163.2 (47.8)	155.8 (45.7)	148.4 (43.5)	-	-					
	-10	(-23.3)	157.2 (46.1)	150.6 (44.1)	143.8 (42.1)	137.2 (40.2)	130.4 (38.2)	-	-					
	-15	(-26.1)	137.8 (40.4)	131.8 (38.6)	125.8 (36.9)	119.8 (35.1)	113.8 (33.4)	107.8 (31.6)						
	-20	(-28.9)	119.8 (35.1)	114.4 (33.5)	109.2 (32)	103.8 (30.4)	98.6 (28.9)	93.2 (27.3)						
	-25	(-31.7)	103.4 (30.3)	98.6 (28.9)	94.0 (27.5)	89.2 (26.1)	84.6 (24.8)	80.0 (23.4)						
	-30	(-34.4)	88.4 (25.9)	84.2 (24.7)	80.2 (23.5)	76.0 (22.3)	72.0 (21.1)	68.0 (19.9)						
	-35	(-37.2)	75.0 (22)	71.4 (20.9)	67.8 (19.9)	64.4 (18.9)	61.0 (17.9)	57.6 (16.9)						
	-40	(-40)	63.2 (18.5)	60.2 (17.6)	57.0 (16.7)	54.2 (15.9)	51.2 (15)	48.4 (14.2)						
KVD044D9-A Compressor 4YJNF59KE	0	(-17.8)	252.2 (73.9)	242.0 (70.9)	232.0 (68)	221.8 (65)	211.6 (62)	-	-					
	-5	(-20.6)	224.2 (65.7)	215.0 (63)	205.8 (60.3)	196.6 (57.6)	187.4 (54.9)	-	-					
	-10	(-23.3)	197.8 (58)	189.6 (55.6)	181.4 (53.2)	173.0 (50.7)	164.8 (48.3)	156.4 (45.8)						
	-15	(-26.1)	173.4 (50.8)	166.0 (48.6)	158.6 (46.5)	151.2 (44.3)	143.8 (42.1)	136.2 (39.9)						
	-20	(-28.9)	150.8 (44.2)	144.2 (42.3)	137.6 (40.3)	131.0 (38.4)	124.4 (36.5)	117.8 (34.5)						
	-25	(-31.7)	130.0 (38.1)	124.2 (36.4)	118.4 (34.7)	112.6 (33)	106.8 (31.3)	101.2 (29.7)						
	-30	(-34.4)	111.4 (32.6)	106.2 (31.1)	101.2 (29.7)	96.0 (28.1)	91.0 (26.7)	86.2 (25.3)						
	-35	(-37.2)	94.6 (27.7)	90.2 (26.4)	85.8 (25.1)	81.4 (23.9)	77.2 (22.6)	73.0 (21.4)						
	-40	(-40)	79.8 (23.4)	76.0 (22.3)	72.2 (21.2)	68.6 (20.1)	65.0 (19)	61.6 (18.1)						
KVD054D9-A Compressor 6YHNF68KE	0	(-17.8)	300.6 (88.1)	288.4 (84.5)	276.2 (80.9)	264.0 (77.4)	251.8 (73.8)	-	-					
	-5	(-20.6)	267.0 (78.2)	256.0 (75)	245.0 (71.8)	234.0 (68.6)	222.8 (65.3)	-	-					
	-10	(-23.3)	235.6 (69)	225.8 (66.2)	215.8 (63.2)	205.8 (60.3)	196.0 (57.4)	186.0 (54.5)						
	-15	(-26.1)	206.6 (60.5)	197.6 (57.9)	188.8 (55.3)	179.8 (52.7)	171.0 (50.1)	162.0 (47.5)						
	-20	(-28.9)	179.6 (52.6)	171.6 (50.3)	163.8 (48)	155.8 (45.7)	148.0 (43.4)	140.2 (41.1)						
	-25	(-31.7)	155.0 (45.4)	148.0 (43.4)	141.0 (41.3)	134.0 (39.3)	127.2 (37.3)	120.4 (35.3)						
	-30	(-34.4)	132.6 (38.9)	126.4 (37)	120.4 (35.3)	114.4 (33.5)	108.4 (31.8)	102.6 (30.1)						
	-35	(-37.2)	112.6 (33)	107.2 (31.4)	102.0 (29.9)	96.8 (28.4)	91.8 (26.9)	86.8 (25.4)						
	-40	(-40)	95.0 (27.8)	90.4 (26.5)	86.0 (25.2)	81.6 (23.9)	77.4 (22.7)	73.2 (21.5)						

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

SELECTION CAPACITY DATA

KVD-A CONDENSING UNITS - Copeland

TEMPERATURE MODELS w/ 850RPM EC MOTOR(S) - R455A

“D9” R455A - DOUBLE WIDE

CONDENSING UNIT MODEL KVD	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 455A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVD020D9-A Compressor 3YS3F33KE	0	(-17.8)	150.8	(44.2)	144.6	(42.4)	138.2	(40.5)	132.0	(38.7)	125.6	(36.8)	-	-
	-5	(-20.6)	133.6	(39.2)	127.8	(37.5)	122.2	(35.8)	116.4	(34.1)	110.8	(32.5)	-	-
	-10	(-23.3)	117.4	(34.4)	112.4	(32.9)	107.2	(31.4)	102.0	(29.9)	97.0	(28.4)	-	-
	-15	(-26.1)	102.4	(30)	97.8	(28.7)	93.4	(27.4)	88.8	(26)	84.2	(24.7)	79.6	(23.3)
	-20	(-28.9)	88.8	(26)	84.6	(24.8)	80.6	(23.6)	76.6	(22.4)	72.4	(21.2)	68.6	(20.1)
	-25	(-31.7)	76.2	(22.3)	72.6	(21.3)	69.0	(20.2)	65.4	(19.2)	61.8	(18.1)	58.4	(17.1)
	-30	(-34.4)	64.8	(19)	61.6	(18.1)	58.6	(17.2)	55.4	(16.2)	52.4	(15.4)	49.4	(14.5)
	-35	(-37.2)	54.8	(16.1)	52.0	(15.2)	49.2	(14.4)	46.6	(13.7)	44.0	(12.9)	41.6	(12.2)
-40	(-40)	45.8	(13.4)	43.4	(12.7)	41.2	(12.1)	38.8	(11.4)	36.8	(10.8)	34.6	(10.1)	
KVD030D9-A Compressor 4YHNF46KE	0	(-17.8)	208.4	(61.1)	199.6	(58.5)	190.8	(55.9)	182.0	(53.3)	-	-	-	-
	-5	(-20.6)	185.2	(54.3)	177.2	(51.9)	169.2	(49.6)	161.2	(47.2)	-	-	-	-
	-10	(-23.3)	163.4	(47.9)	156.2	(45.8)	149.0	(43.7)	141.8	(41.6)	134.6	(39.4)	-	-
	-15	(-26.1)	143.0	(41.9)	136.6	(40)	130.2	(38.2)	123.6	(36.2)	117.2	(34.3)	-	-
	-20	(-28.9)	124.2	(36.4)	118.4	(34.7)	112.6	(33)	106.8	(31.3)	101.2	(29.7)	-	-
	-25	(-31.7)	106.8	(31.3)	101.8	(29.8)	96.6	(28.3)	91.6	(26.8)	86.4	(25.3)	81.4	(23.9)
	-30	(-34.4)	91.2	(26.7)	86.6	(25.4)	82.0	(24)	77.6	(22.7)	73.2	(21.5)	68.8	(20.2)
	-35	(-37.2)	77.0	(22.6)	73.0	(21.4)	69.0	(20.2)	65.2	(19.1)	61.4	(18)	57.6	(16.9)
-40	(-40)	64.6	(18.9)	61.0	(17.9)	57.6	(16.9)	54.2	(15.9)	51.0	(14.9)	47.8	(14)	
KVD044D9-A Compressor 4YJNF59KE	0	(-17.8)	262.4	(76.9)	251.6	(73.7)	240.8	(70.6)	229.8	(67.3)	-	-	-	-
	-5	(-20.6)	233.2	(68.3)	223.4	(65.5)	213.4	(62.5)	203.6	(59.7)	193.6	(56.7)	-	-
	-10	(-23.3)	205.6	(60.3)	196.8	(57.7)	187.8	(55)	179.0	(52.5)	170.0	(49.8)	-	-
	-15	(-26.1)	180.0	(52.8)	172.0	(50.4)	164.0	(48.1)	156.2	(45.8)	148.2	(43.4)	-	-
	-20	(-28.9)	156.4	(45.8)	149.2	(43.7)	142.2	(41.7)	135.0	(39.6)	128.0	(37.5)	121.0	(35.5)
	-25	(-31.7)	134.8	(39.5)	128.4	(37.6)	122.2	(35.8)	115.8	(33.9)	109.6	(32.1)	103.4	(30.3)
	-30	(-34.4)	115.2	(33.8)	109.6	(32.1)	104.0	(30.5)	98.6	(28.9)	93.0	(27.3)	87.8	(25.7)
	-35	(-37.2)	97.6	(28.6)	92.6	(27.1)	87.8	(25.7)	83.2	(24.4)	78.4	(23)	73.8	(21.6)
-40	(-40)	82.2	(24.1)	78.0	(22.9)	73.8	(21.6)	69.8	(20.5)	65.8	(19.3)	61.8	(18.1)	
KVD054D9-A Compressor 6YHNF68KE	0	(-17.8)	313.2	(91.8)	300.2	(88)	287.2	(84.2)	274.2	(80.4)	-	-	-	-
	-5	(-20.6)	278.0	(81.5)	266.2	(78)	254.4	(74.6)	242.6	(71.1)	230.8	(67.6)	-	-
	-10	(-23.3)	245.0	(71.8)	234.4	(68.7)	223.8	(65.6)	213.2	(62.5)	202.6	(59.4)	-	-
	-15	(-26.1)	214.4	(62.8)	204.8	(60)	195.4	(57.3)	185.8	(54.5)	176.4	(51.7)	-	-
	-20	(-28.9)	186.2	(54.6)	177.6	(52)	169.2	(49.6)	160.8	(47.1)	152.4	(44.7)	144.2	(42.3)
	-25	(-31.7)	160.4	(47)	152.8	(44.8)	145.2	(42.6)	137.8	(40.4)	130.4	(38.2)	123.2	(36.1)
	-30	(-34.4)	137.0	(40.2)	130.2	(38.2)	123.6	(36.2)	117.2	(34.3)	110.6	(32.4)	104.4	(30.6)
	-35	(-37.2)	115.8	(33.9)	110.0	(32.2)	104.2	(30.5)	98.6	(28.9)	93.0	(27.3)	87.6	(25.7)
-40	(-40)	97.2	(28.5)	92.2	(27)	87.2	(25.6)	82.2	(24.1)	77.4	(22.7)	72.8	(21.3)	

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

SINGLE COMPRESSOR MODELS

CONDENSING UNIT MODEL KVS	COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		CONDENSER FAN MOTOR			UNIT		
			RLA	LRA	QTY	WATTS	FLA	MCA	MOP	
KVS015H9 -	HT3E-A	3YS3R16ME-TFC	208-230/3/60	59.6	275	2	3700	13.2	87.7	125
	HT4E-A	3YS3R16ME-TFD	460/3/60	29.0	138	2	3700	6.2	42.5	70
	HT5E-A	3YS3R16ME-TFE	575/3/60	23.6	110	2	3700	5.0	34.5	50
KVS020H9 -	HT3E-A	4YANR15ME-TSK	208-230/3/60	63.6	308	2	3700	13.2	92.7	150
	HT4E-A	4YANR15ME-TSK	460/3/60	31.8	154	2	3700	6.2	46.0	70
	HT5E-A	4YANR15ME-TSE	575/3/60	24.5	135	2	3700	5.0	35.6	60
KVS022H9 -	HT3E-A	4YBNR19ME-TSK	208-230/3/60	72.1	374	2	3700	13.2	103.3	175
	HT4E-A	4YBNR19ME-TSK	460/3/60	36.1	187	2	3700	6.2	61.3	80
	HT5E-A	4YBNR19ME-TSE	575/3/60	31.4	135	2	3700	5.0	44.3	70
KVS025H9 -	HT3E-A	4YHNR22ME-TSK	208-230/3/60	74.4	428	2	3700	13.2	106.2	175
	HT4E-A	4YHNR22ME-TSK	460/3/60	37.2	214	2	3700	6.2	52.7	80
	HT5E-A	4YHNR22ME-TSE	575/3/60	33.3	172	2	3700	5.0	46.6	70
KVS030H9 -	HT3E-A	4YJNR27ME-TSK	208-230/3/60	105.4	470	2	3700	13.2	145.0	250
	HT4E-A	4YJNR27ME-TSK	460/3/60	52.7	235	2	3700	6.2	72.1	110
	HT5E-A	4YJNR27ME-TSE	575/3/60	44.1	200	2	3700	5.0	60.1	100
KVS035H9 -	HT3E-A	6YHNR32ME-TSK	208-230/3/60	125.1	565	3	5550	19.8	176.2	300
	HT4E-A	6YHNR32ME-TSK	460/3/60	62.6	283	3	5550	9.3	87.6	150
	HT5E-A	6YHNR32ME-TSE	575/3/60	40.7	230	3	5550	7.5	58.4	90
KVS040H9 -	HD3E-A	6YJNR39ME-TSN*	230/3/60	142.9	594	3	5550	19.8	198.4	300
	HT4E-A	6YJNR39ME-TSN	460/3/60	71.4	297	3	5550	9.3	98.6	150
	HT5E-A	6YJNR39ME-TSE	575/3/60	51.4	245	3	5550	7.5	71.8	110
KVS015M9 -	HT3E-A	3YS3R16ME-TFC	208-230/3/60	59.6	275	2	3700	13.2	87.7	125
	HT4E-A	3YS3R16ME-TFD	460/3/60	29.0	138	2	3700	6.2	42.5	70
	HT5E-A	3YS3R16ME-TFE	575/3/60	23.6	110	2	3700	5.0	34.5	50
KVS020M9 -	HT3E-A	4YANR15ME-TSK	208-230/3/60	63.6	308	2	3700	13.2	92.7	150
	HT4E-A	4YANR15ME-TSK	460/3/60	31.8	154	2	3700	6.2	46.0	70
	HT5E-A	4YANR15ME-TSE	575/3/60	24.5	135	2	3700	5.0	35.6	60
KVS022M9 -	HT3E-A	4YBNR19ME-TSK	208-230/3/60	72.1	374	2	3700	13.2	103.3	175
	HT4E-A	4YBNR19ME-TSK	460/3/60	36.1	187	2	3700	6.2	61.3	80
	HT5E-A	4YBNR19ME-TSE	575/3/60	31.4	135	2	3700	5.0	44.3	70
KVS025M9 -	HT3E-A	4YHNR22ME-TSK	208-230/3/60	74.4	428	2	3700	13.2	106.2	175
	HT4E-A	4YHNR22ME-TSK	460/3/60	37.2	214	2	3700	6.2	52.7	80
	HT5E-A	4YHNR22ME-TSE	575/3/60	33.3	172	2	3700	5.0	46.6	70
KVS030M9 -	HT3E-A	4YJNR27ME-TSK	208-230/3/60	105.4	470	2	3700	13.2	145.0	250
	HT4E-A	4YJNR27ME-TSK	460/3/60	52.7	235	2	3700	6.2	72.1	110
	HT5E-A	4YJNR27ME-TSE	575/3/60	44.1	200	2	3700	5.0	60.1	100
KVS035M9 -	HT3E-A	6YHNR32ME-TSK	208-230/3/60	125.1	565	3	5550	19.8	176.2	300
	HT4E-A	6YHNR32ME-TSK	460/3/60	62.6	283	3	5550	9.3	87.6	150
	HT5E-A	6YHNR32ME-TSE	575/3/60	40.7	230	3	5550	7.5	58.4	90
KVS040M9 -	HD3E-A	6YJNR39ME-TSN*	230/3/60	142.9	594	3	5550	19.8	198.4	300
	HT4E-A	6YJNR39ME-TSN	460/3/60	71.4	297	3	5550	9.3	98.6	150
	HT5E-A	6YJNR39ME-TSE	575/3/60	51.4	245	3	5550	7.5	71.8	110
KVS050M9 -	HT4E-A	6YUNR48ME-AWD	460/3/60	83.6	482	3	5550	9.3	113.8	175
	HT5E-A	6YUNR48ME-TSE	575/3/60	62.6	335.2	3	5550	7.5	85.8	125
KVS010L9 -	HT3E-A	3YS3F33KE-TFC	208-230/3/60	41.4	215	1	1850	6.6	58.4	90
	HT4E-A	3YS3F33KE-TFD	460/3/60	18.6	106	1	1850	3.1	26.4	40
	HT5E-A	3YS3F33KE-TFE	575/3/60	16.2	84	1	1850	2.5	22.8	35
KVS015L9 -	HT3E-A	4YHNF46KE-TSK	208-230/3/60	52.6	278	1	1850	6.6	72.4	110
	HT4E-A	4YHNF46KE-TSK	460/3/60	26.3	139	1	1850	3.1	36.0	60
	HT5E-A	4YHNF46KE-TSE	575/3/60	20.9	113	1	1850	2.5	28.6	45
KVS022L9 -	HT3E-A	4YJNF59KE-TSK	208-230/3/60	64.3	374	2	3700	13.2	93.6	150
	HT4E-A	4YJNF59KE-TSK	460/3/60	32.1	187	2	3700	6.2	46.3	70
	HT5E-A	4YJNF59KE-TSE	575/3/60	29.1	135	2	3700	5.0	41.4	70
KVS027L9 -	HT3E-A	6YHNF68KE-TSK	208-230/3/60	80.7	450	2	3700	13.2	114.1	175
	HT4E-A	6YHNF68KE-TSK	460/3/60	40.4	225	2	3700	6.2	56.7	90
	HT5E-A	6YHNF68KE-TSE	575/3/60	32.5	172	2	3700	5.0	45.6	70
KVS030L9 -	HT3E-A	6YJNF84KE-TSK	208-230/3/60	95.6	470	2	3700	13.2	132.7	225
	HT4E-A	6YJNF84KE-TSK	460/3/60	47.8	235	2	3700	6.2	66.0	110
	HT5E-A	6YJNF84KE-TSE	575/3/60	39.6	200	2	3700	5.0	54.5	90
KVS040L9 -	HT4E-A	6YUNF10ME-AWD	460/3/60	67.9	367	2	3700	6.2	91.1	150
	HT5E-A	6YUNF10ME-TSE	575/3/60	53.5	335.2	2	3700	5.0	71.9	125
KVS010D9 -	HT3E-A	3YS3F33KE-TFC	208-230/3/60	41.4	215	1	900	4.9	56.7	90
	HT4E-A	3YS3F33KE-TFD	460/3/60	18.6	106	1	900	2.2	25.5	40
	HT5E-A	3YS3F33KE-TFE	575/3/60	16.2	84	1	900	2.1	22.4	35
KVS015D9 -	HT3E-A	4YHNF46KE-TSK	208-230/3/60	52.6	278	1	900	4.9	70.7	110
	HT4E-A	4YHNF46KE-TSK	460/3/60	26.3	139	1	900	2.2	35.1	60
	HT5E-A	4YHNF46KE-TSE	575/3/60	20.9	113	1	900	2.1	28.2	45
KVS022D9 -	HT3E-A	4YJNF59KE-TSK	208-230/3/60	64.3	374	2	1800	9.8	90.2	150
	HT4E-A	4YJNF59KE-TSK	460/3/60	32.1	187	2	1800	4.4	44.5	70
	HT5E-A	4YJNF59KE-TSE	575/3/60	29.1	135	2	1800	4.2	40.6	60
KVS027D9 -	HT3E-A	6YHNF68KE-TSK	208-230/3/60	80.7	450	2	1800	9.8	110.7	175
	HT4E-A	6YHNF68KE-TSK	460/3/60	40.4	225	2	1800	4.4	54.9	90
	HT5E-A	6YHNF68KE-TSE	575/3/60	32.5	172	2	1800	4.2	44.8	70

DUAL COMPRESSOR MODELS

CONDENSING UNIT MODEL KVD	COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		CONDENSER FAN MOTOR			UNIT		
			RLA	LRA	QTY	WATTS	FLA	MCA	MOP	
KVD030H9 -	HT3E-A	3YS3R16ME-TFC	208-230/3/60	59.6	275	4	7400	26.4	160.5	200
	HT4E-A	3YS3R16ME-TFD	460/3/60	29.0	138	4	7400	12.4	77.7	100
	HT5E-A	3YS3R16ME-TFE	575/3/60	23.6	110	4	7400	10.0	63.1	80
KVD040H9 -	HT3E-A	4YANR15ME-TSK	208-230/3/60	63.6	308	4	7400	26.4	169.5	225
	HT4E-A	4YANR15ME-TSK	460/3/60	31.8	154	4	7400	12.4	84.0	110
	HT5E-A	4YANR15ME-TSE	575/3/60	24.5	135	4	7400	10.0	65.1	80
KVD044H9 -	HT3E-A	4YBNR19ME-TSK	208-230/3/60	72.1	374	4	7400	26.4	188.6	250
	HT4E-A	4YBNR19ME-TSK	460/3/60	36.1	187	4	7400	12.4	93.6	125
	HT5E-A	4YBNR19ME-TSE	575/3/60	31.4	135	4	7400	10.0	80.7	110
KVD050H9 -	HT3E-A	4YHNR22ME-TSK	208-230/3/60	74.4	428	4	7400	26.4	193.8	250
	HT4E-A	4YHNR22ME-TSK	460/3/60	37.2	214	4	7400	12.4	96.1	125
	HT5E-A	4YHNR22ME-TSE	575/3/60	33.3	172	4	7400	10.0	84.9	110
KVD060H9 -	HT3E-A	4YJNR27ME-TSK	208-230/3/60	105.4	470	4	7400	26.4	263.6	350
	HT4E-A	4YJNR27ME-TSK	460/3/60	52.7	235	4	7400	12.4	131.0	175
	HT5E-A	4YJNR27ME-TSE	575/3/60	44.1	200	4	7400	10.0	109.2	150
KVD070H9 -	HT3E-A	6YHNR32ME-TSK	208-230/3/60	125.1	565	6	11100	39.6	321.1	400
	HT4E-A	6YHNR32ME-TSK	460/3/60	62.6	283	6	11100	18.6	159.5	200
	HT5E-A	6YHNR32ME-TSE	575/3/60	40.7	230	6	11100	15.0	106.6	125
KVD080H9 -	HD3E-A	6YJNR39ME-TSN*	230/3/60	142.9	594	6	11100	39.6	361.1	500
	HT4E-A	6YJNR39ME-TSN	460/3/60	71.4	297	6	11100	18.6	179.3	250
	HT5E-A	6YJNR39ME-TSE	575/3/60	51.4	245	6	11100	15.0	130.7	175
KVD030M9 -	HT3E-A	3YS3R16ME-TFC	208-230/3/60	59.6	275	4	7400	26.4	160.5	200
	HT4E-A	3YS3R16ME-TFD	460/3/60	29.0	138	4	7400	12.4	77.7	100
	HT5E-A	3YS3R16ME-TFE	575/3/60	23.6	110	4	7400	10.0	63.1	80
KVD040M9 -	HT3E-A	4YANR15ME-TSK	208-230/3/60	63.6	308	4	7400	26.4	169.5	225
	HT4E-A	4YANR15ME-TSK	460/3/60	31.8	154	4	7400	12.4	84.0	110
	HT5E-A	4YANR15ME-TSE	575/3/60	24.5	135	4	7400	10.0	65.1	80
KVD044M9 -	HT3E-A	4YBNR19ME-TSK	208-230/3/60	72.1	374	4	7400	26.4	188.6	250
	HT4E-A	4YBNR19ME-TSK	460/3/60	36.1	187	4	7400	12.4	93.6	125
	HT5E-A	4YBNR19ME-TSE	575/3/60	31.4	135	4	7400	10.0	80.7	110
KVD050M9 -	HT3E-A	4YHNR22ME-TSK	208-230/3/60	74.4	428	4	7400	26.4	193.8	250
	HT4E-A	4YHNR22ME-TSK	460/3/60	37.2	214	4	7400	12.4	96.1	125
	HT5E-A	4YHNR22ME-TSE	575/3/60	33.3	172	4	7400	10.0	84.9	110
KVD060M9 -	HT3E-A	4YJNR27ME-TSK	208-230/3/60	105.4	470	4	7400	26.4	263.6	350
	HT4E-A	4YJNR27ME-TSK	460/3/60	52.7	235	4	7400	12.4	131.0	175
	HT5E-A	4YJNR27ME-TSE	575/3/60	44.1	200	4	7400	10.0	109.2	150
KVD070M9 -	HT3E-A	6YHNR32ME-TSK	208-230/3/60	125.1	565	6	11100	39.6	321.1	400
	HT4E-A	6YHNR32ME-TSK	460/3/60	62.6	283	6	11100	18.6	159.5	200
	HT5E-A	6YHNR32ME-TSE	575/3/60	40.7	230	6	11100	15.0	106.6	125
KVD080M9 -	HD3E-A	6YJNR39ME-TSN*	230/3/60	142.9	594	6	11100	39.6	361.1	500
	HT4E-A	6YJNR39ME-TSN	460/3/60	71.4	297	6	11100	18.6	179.3	250
	HT5E-A	6YJNR39ME-TSE	575/3/60	51.4	245	6	11100	15.0	130.7	175
KVD100M9 -	HT4E-A	6YUNR48ME-AWD	460/3/60	83.6	482	6	11100	18.6	206.7	250
	HT5E-A	6YUNR48ME-TSE	575/3/60	62.6	335.2	6	11100	15.0	155.9	200
KVD020L9 -	HT3E-A	3YS3F33KE-TFC	208-230/3/60	41.4	215	2	3700	13.2	106.4	125
	HT4E-A	3YS3F33KE-TFD	460/3/60	18.6	106	2	3700	6.2	48.1	60
	HT5E-A	3YS3F33KE-TFE	575/3/60	16.2	84	2	3700	5.0	41.5	50
KVD030L9 -	HT3E-A	4YHNF46KE-TSK	208-230/3/60	52.6	278	2	3700	13.2	131.6	175
	HT4E-A	4YHNF46KE-TSK	460/3/60	26.3	139	2	3700	6.2	65.4	90
	HT5E-A	4YHNF46KE-TSE	575/3/60	20.9	113	2	3700	5.0	52.0	70
KVD044L9 -	HT3E-A	4YJNF59KE-TSK	208-230/3/60	64.3	374	4	7400	26.4	171.1	225
	HT4E-A	4YJNF59KE-TSK	460/3/60	32.1	187	4	7400	12.4	84.6	110
	HT5E-A	4YJNF59KE-TSE	575/3/60	29.1	135	4	7400	10.0	75.5	100
KVD054L9 -	HT3E-A	6YHNF68KE-TSK	208-230/3/60	80.7	450	4	7400	26.4	208.0	250
	HT4E-A	6YHNF68KE-TSK	460/3/60	40.4	225	4	7400	12.4	103.3	125
	HT5E-A	6YHNF68KE-TSE	575/3/60	32.5	172	4	7400	10.0	83.1	110
KVD060L9 -	HT3E-A	6YJNF84KE-TSK	208-230/3/60	95.6	470	4	7400	26.4	241.5	300
	HT4E-A	6YJNF84KE-TSK	460/3/60	47.8	235	4	7400	12.4	120.0	150
	HT5E-A	6YJNF84KE-TSE	575/3/60	39.6	200	4	7400	10.0	99.1	125
KVD080L9 -	HT4E-A	6YUNF10ME-AWD	460/3/60	67.9	367	4	7400	12.4	165.2	225
	HT5E-A	6YUNF10ME-TSE	575/3/60	53.5	335.2	4	7400	10.0	130.4	175

* 6YJ only available in 230V

DUAL COMPRESSOR MODELS

CONDENSING UNIT MODEL KVD	COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		CONDENSER FAN MOTOR			UNIT		
			RLA	LRA	QTY	WATTS	FLA	MCA	MOP	
KVD020D9 -	HT3E-A	3YS3F33KE-TFC	208-230/3/60	41.4	215	2	1800	9.8	103.0	125
	HT4E-A	3YS3F33KE-TFD	460/3/60	18.6	106	2	1800	4.4	46.3	60
	HT5E-A	3YS3F33KE-TFE	575/3/60	16.2	84	2	1800	4.2	40.7	50
KVD030D9 -	HT3E-A	4YHNF46KE-TSK	208-230/3/60	52.6	278	2	1800	9.8	128.2	175
	HT4E-A	4YHNF46KE-TSK	460/3/60	26.3	139	2	1800	4.4	63.6	80
	HT5E-A	4YHNF46KE-TSE	575/3/60	20.9	113	2	1800	4.2	51.2	70
KVD044D9 -	HT3E-A	4YJNF59KE-TSK	208-230/3/60	64.3	374	4	3600	19.6	164.3	225
	HT4E-A	4YJNF59KE-TSK	460/3/60	32.1	187	4	3600	8.8	81.0	110
	HT5E-A	4YJNF59KE-TSE	575/3/60	29.1	135	4	3600	8.4	73.9	100
KVD054D9 -	HT3E-A	6YHNF68KE-TSK	208-230/3/60	80.7	450	4	3600	19.6	201.2	250
	HT4E-A	6YHNF68KE-TSK	460/3/60	40.4	225	4	3600	8.8	99.7	125
	HT5E-A	6YHNF68KE-TSE	575/3/60	32.5	172	4	3600	8.4	81.5	110

SINGLE COMPRESSOR MODELS with EC Motors only or LIMITROL+

CONDENSING UNIT MODEL KVS	COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		CONDENSER FAN MOTOR			UNIT		
			RLA	LRA	QTY	WATTS	FLA	MCA	MOP	
KVS015H9 -	HT3E-A	3YS3R16ME-TFC	208-230/3/60	59.6	275	2	3500	12.4	86.9	125
	HT4E-A	3YS3R16ME-TFD	460/3/60	29.0	138	2	3500	6.2	42.5	70
	HT5E-A	3YS3R16ME-TFE	575/3/60	23.6	110	2	3500	5.0	34.5	50
KVS020H9 -	HT3E-A	4YANR15ME-TSK	208-230/3/60	63.6	308	2	3500	12.4	91.9	150
	HT4E-A	4YANR15ME-TSK	460/3/60	31.8	154	2	3500	6.2	46.0	70
	HT5E-A	4YANR15ME-TSE	575/3/60	24.5	135	2	3500	5.0	35.6	60
KVS022H9 -	HT3E-A	4YBNR19ME-TSK	208-230/3/60	72.1	374	2	3500	12.4	102.5	150
	HT4E-A	4YBNR19ME-TSK	460/3/60	36.1	187	2	3500	6.2	61.3	80
	HT5E-A	4YBNR19ME-TSE	575/3/60	31.4	135	2	3500	5.0	44.3	70
KVS025H9 -	HT3E-A	4YHNR22ME-TSK	208-230/3/60	74.4	428	2	3500	12.4	105.4	175
	HT4E-A	4YHNR22ME-TSK	460/3/60	37.2	214	2	3500	6.2	52.7	80
	HT5E-A	4YHNR22ME-TSE	575/3/60	33.3	172	2	3500	5.0	46.6	70
KVS030H9 -	HT3E-A	4YJNR27ME-TSK	208-230/3/60	105.4	470	2	3500	12.4	144.2	225
	HT4E-A	4YJNR27ME-TSK	460/3/60	52.7	235	2	3500	6.2	72.1	110
	HT5E-A	4YJNR27ME-TSE	575/3/60	44.1	200	2	3500	5.0	60.1	100
KVS035H9 -	HT3E-A	6YHNR32ME-TSK	208-230/3/60	125.1	565	3	5250	18.6	175.0	300
	HT4E-A	6YHNR32ME-TSK	460/3/60	62.6	283	3	5250	9.3	87.6	150
	HT5E-A	6YHNR32ME-TSE	575/3/60	40.7	230	3	5250	7.5	58.4	90
KVS040H9 -	HD3E-A	6YJNR39ME-TSN*	230/3/60	142.9	594	3	5250	18.6	197.2	300
	HT4E-A	6YJNR39ME-TSN	460/3/60	71.4	297	3	5250	9.3	98.6	150
	HT5E-A	6YJNR39ME-TSE	575/3/60	51.4	245	3	5250	7.5	71.8	110
KVS015M9 -	HT3E-A	3YS3R16ME-TFC	208-230/3/60	59.6	275	2	3500	12.4	86.9	125
	HT4E-A	3YS3R16ME-TFD	460/3/60	29.0	138	2	3500	6.2	42.5	70
	HT5E-A	3YS3R16ME-TFE	575/3/60	23.6	110	2	3500	5.0	34.5	50
KVS020M9 -	HT3E-A	4YANR15ME-TSK	208-230/3/60	63.6	308	2	3500	12.4	91.9	150
	HT4E-A	4YANR15ME-TSK	460/3/60	31.8	154	2	3500	6.2	46.0	70
	HT5E-A	4YANR15ME-TSE	575/3/60	24.5	135	2	3500	5.0	35.6	60
KVS022M9 -	HT3E-A	4YBNR19ME-TSK	208-230/3/60	72.1	374	2	3500	12.4	102.5	150
	HT4E-A	4YBNR19ME-TSK	460/3/60	36.1	187	2	3500	6.2	51.3	80
	HT5E-A	4YBNR19ME-TSE	575/3/60	31.4	135	2	3500	5.0	44.3	70
KVS025M9 -	HT3E-A	4YHNR22ME-TSK	208-230/3/60	74.4	428	2	3500	12.4	105.4	175
	HT4E-A	4YHNR22ME-TSK	460/3/60	37.2	214	2	3500	6.2	52.7	80
	HT5E-A	4YHNR22ME-TSE	575/3/60	33.3	172	2	3500	5.0	46.6	70
KVS030M9 -	HT3E-A	4YJNR27ME-TSK	208-230/3/60	105.4	470	2	3500	12.4	144.2	225
	HT4E-A	4YJNR27ME-TSK	460/3/60	52.7	235	2	3500	6.2	72.1	110
	HT5E-A	4YJNR27ME-TSE	575/3/60	44.1	200	2	3500	5.0	60.1	100
KVS035M9 -	HT3E-A	6YHNR32ME-TSK	208-230/3/60	125.1	565	3	5250	18.6	175.0	300
	HT4E-A	6YHNR32ME-TSK	460/3/60	62.6	283	3	5250	9.3	87.6	150
	HT5E-A	6YHNR32ME-TSE	575/3/60	40.7	230	3	5250	7.5	58.4	90
KVS040M9 -	HD3E-A	6YJNR39ME-TSN*	230/3/60	142.9	594	3	5250	18.6	197.2	300
	HT4E-A	6YJNR39ME-TSN	460/3/60	71.4	297	3	5250	9.3	98.6	150
	HT5E-A	6YJNR39ME-TSE	575/3/60	51.4	245	3	5250	7.5	71.8	110
KVS050M9 -	HT4E-A	6YUNR48ME-AWD	460/3/60	83.6	482	3	5250	9.3	113.8	175
	HT5E-A	6YUNR48ME-TSE	575/3/60	62.6	335.2	3	5250	7.5	85.8	125
	HT3E-A	3YS3F33KE-TFC	208-230/3/60	41.4	215	1	1750	6.2	58.0	90
KVS010L9 -	HT4E-A	3YS3F33KE-TFD	460/3/60	18.6	106	1	1750	3.1	26.4	40
	HT5E-A	3YS3F33KE-TFE	575/3/60	16.2	84	1	1750	2.5	22.8	35
	HT3E-A	4YHNF46KE-TSK	208-230/3/60	52.6	278	1	1750	6.2	72.0	110
KVS015L9 -	HT4E-A	4YHNF46KE-TSK	460/3/60	26.3	139	1	1750	3.1	36.0	60
	HT5E-A	4YHNF46KE-TSE	575/3/60	20.9	113	1	1750	2.5	28.6	45
	HT3E-A	4YJNF59KE-TSK	208-230/3/60	64.3	374	2	3500	12.4	92.8	150
KVS022L9 -	HT4E-A	4YJNF59KE-TSK	460/3/60	32.1	187	2	3500	6.2	46.3	70
	HT5E-A	4YJNF59KE-TSE	575/3/60	29.1	135	2	3500	5.0	41.4	70
	HT3E-A	6YHNF68KE-TSK	208-230/3/60	80.7	450	2	3500	12.4	113.3	175
KVS027L9 -	HT4E-A	6YHNF68KE-TSK	460/3/60	40.4	225	2	3500	6.2	56.7	90
	HT5E-A	6YHNF68KE-TSE	575/3/60	32.5	172	2	3500	5.0	45.6	70
	HT3E-A	6YJNF84KE-TSK	208-230/3/60	95.6	470	2	3500	12.4	131.9	225
KVS030L9 -	HT4E-A	6YJNF84KE-TSK	460/3/60	47.8	235	2	3500	6.2	66.0	110
	HT5E-A	6YJNF84KE-TSE	575/3/60	39.6	200	2	3500	5.0	54.5	90
	HT4E-A	6YUNF10ME-AWD	460/3/60	67.9	367	2	3500	6.2	91.1	150
KVS040L9 -	HT5E-A	6YUNF10ME-TSE	575/3/60	53.5	335.2	2	3500	5.0	71.9	125

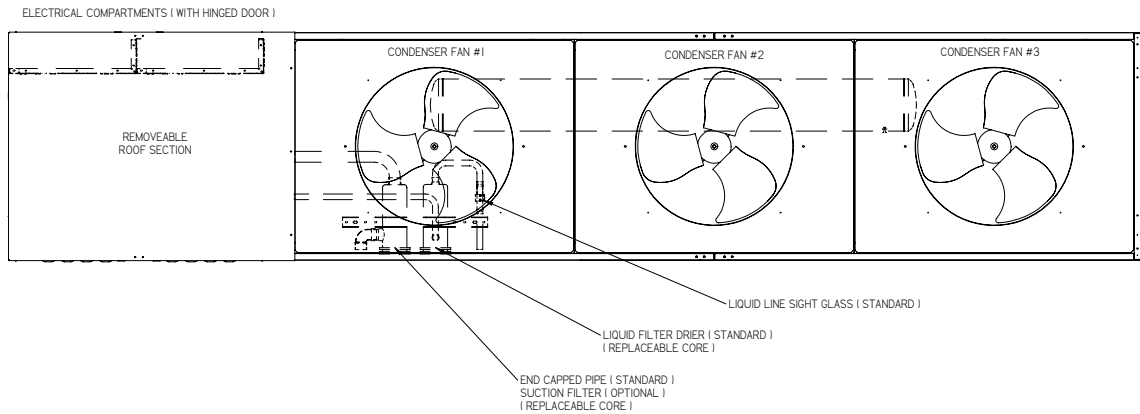
* 6YJ only available in 230V

DUAL COMPRESSOR MODELS with EC Motors only or LIMITROL+

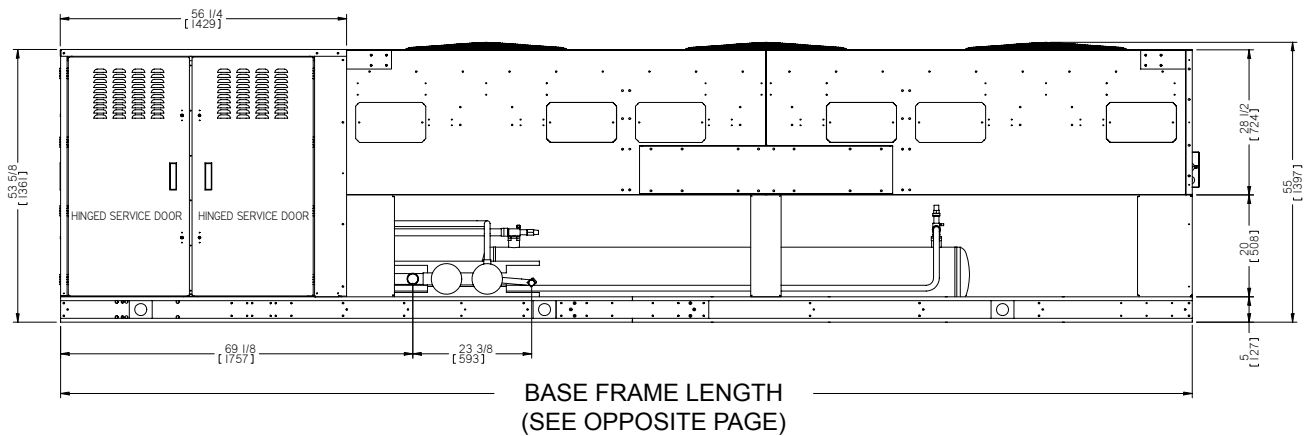
CONDENSING UNIT MODEL KVD	COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		CONDENSER FAN MOTOR			UNIT		
			RLA	LRA	QTY	WATTS	FLA	MCA	MOP	
KVD030H9 -	HT3E-A	3YS3R16ME-TFC	208-230/3/60	59.6	275	4	7000	24.8	158.9	200
	HT4E-A	3YS3R16ME-TFD	460/3/60	29.0	138	4	7000	12.4	77.7	100
	HT5E-A	3YS3R16ME-TFE	575/3/60	23.6	110	4	7000	10.0	63.1	80
KVD040H9 -	HT3E-A	4YANR15ME-TSK	208-230/3/60	63.6	308	4	7000	24.8	167.9	225
	HT4E-A	4YANR15ME-TSK	460/3/60	31.8	154	4	7000	12.4	84.0	110
	HT5E-A	4YANR15ME-TSE	575/3/60	24.5	135	4	7000	10.0	65.1	80
KVD044H9 -	HT3E-A	4YBNR19ME-TSK	208-230/3/60	72.1	374	4	7000	24.8	187.0	250
	HT4E-A	4YBNR19ME-TSK	460/3/60	36.1	187	4	7000	12.4	93.6	125
	HT5E-A	4YBNR19ME-TSE	575/3/60	31.4	135	4	7000	10.0	80.7	110
KVD050H9 -	HT3E-A	4YHNR22ME-TSK	208-230/3/60	74.4	428	4	7000	24.8	192.2	250
	HT4E-A	4YHNR22ME-TSK	460/3/60	37.2	214	4	7000	12.4	96.1	125
	HT5E-A	4YHNR22ME-TSE	575/3/60	33.3	172	4	7000	10.0	84.9	110
KVD060H9 -	HT3E-A	4YJNR27ME-TSK	208-230/3/60	105.4	470	4	7000	24.8	262.0	350
	HT4E-A	4YJNR27ME-TSK	460/3/60	52.7	235	4	7000	12.4	131.0	175
	HT5E-A	4YJNR27ME-TSE	575/3/60	44.1	200	4	7000	10.0	109.2	150
KVD070H9 -	HT3E-A	6YHNR32ME-TSK	208-230/3/60	125.1	565	6	10500	37.2	318.7	400
	HT4E-A	6YHNR32ME-TSK	460/3/60	62.6	283	6	10500	18.6	159.5	200
	HT5E-A	6YHNR32ME-TSE	575/3/60	40.7	230	6	10500	15.0	106.6	125
KVD080H9 -	HD3E-A	6YJNR39ME-TSN*	230/3/60	142.9	594	6	10500	37.2	358.7	500
	HT4E-A	6YJNR39ME-TSN	460/3/60	71.4	297	6	10500	18.6	179.3	250
	HT5E-A	6YJNR39ME-TSE	575/3/60	51.4	245	6	10500	15.0	130.7	175
KVD030M9 -	HT3E-A	3YS3R16ME-TFC	208-230/3/60	59.6	275	4	7000	24.8	158.9	200
	HT4E-A	3YS3R16ME-TFD	460/3/60	29.0	138	4	7000	12.4	77.7	100
	HT5E-A	3YS3R16ME-TFE	575/3/60	23.6	110	4	7000	10.0	63.1	80
KVD040M9 -	HT3E-A	4YANR15ME-TSK	208-230/3/60	63.6	308	4	7000	24.8	167.9	225
	HT4E-A	4YANR15ME-TSK	460/3/60	31.8	154	4	7000	12.4	84.0	110
	HT5E-A	4YANR15ME-TSE	575/3/60	24.5	135	4	7000	10.0	65.1	80
KVD044M9 -	HT3E-A	4YBNR19ME-TSK	208-230/3/60	72.1	374	4	7000	24.8	187.0	250
	HT4E-A	4YBNR19ME-TSK	460/3/60	36.1	187	4	7000	12.4	93.6	125
	HT5E-A	4YBNR19ME-TSE	575/3/60	31.4	135	4	7000	10.0	80.7	110
KVD050M9 -	HT3E-A	4YHNR22ME-TSK	208-230/3/60	74.4	428	4	7000	24.8	192.2	250
	HT4E-A	4YHNR22ME-TSK	460/3/60	37.2	214	4	7000	12.4	96.1	125
	HT5E-A	4YHNR22ME-TSE	575/3/60	33.3	172	4	7000	10.0	84.9	110
KVD060M9 -	HT3E-A	4YJNR27ME-TSK	208-230/3/60	105.4	470	4	7000	24.8	262.0	350
	HT4E-A	4YJNR27ME-TSK	460/3/60	52.7	235	4	7000	12.4	131.0	175
	HT5E-A	4YJNR27ME-TSE	575/3/60	44.1	200	4	7000	10.0	109.2	150
KVD070M9 -	HT3E-A	6YHNR32ME-TSK	208-230/3/60	125.1	565	6	10500	37.2	318.7	400
	HT4E-A	6YHNR32ME-TSK	460/3/60	62.6	283	6	10500	18.6	159.5	200
	HT5E-A	6YHNR32ME-TSE	575/3/60	40.7	230	6	10500	15.0	106.6	125
KVD080M9 -	HD3E-A	6YJNR39ME-TSN*	230/3/60	142.9	594	6	10500	37.2	358.7	500
	HT4E-A	6YJNR39ME-TSN	460/3/60	71.4	297	6	10500	18.6	179.3	250
	HT5E-A	6YJNR39ME-TSE	575/3/60	51.4	245	6	10500	15.0	130.7	175
KVD100M9 -	HT4E-A	6YUNR48ME-AWD	460/3/60	83.6	482	6	10500	18.6	206.7	250
	HT5E-A	6YUNR48ME-TSE	575/3/60	62.6	335.2	6	10500	15.0	155.9	200
	HT3E-A	3YS3F33KE-TFC	208-230/3/60	41.4	215	2	3500	12.4	105.6	125
KVD020L9 -	HT4E-A	3YS3F33KE-TFD	460/3/60	18.6	106	2	3500	6.2	48.1	60
	HT5E-A	3YS3F33KE-TFE	575/3/60	16.2	84	2	3500	5.0	41.5	50
	HT3E-A	4YHNF46KE-TSK	208-230/3/60	52.6	278	2	3500	12.4	130.8	175
KVD030L9 -	HT4E-A	4YHNF46KE-TSK	460/3/60	26.3	139	2	3500	6.2	65.4	90
	HT5E-A	4YHNF46KE-TSE	575/3/60	20.9	113	2	3500	5.0	52.0	70
	HT3E-A	4YJNF59KE-TSK	208-230/3/60	64.3	374	4	7000	24.8	169.5	225
KVD044L9 -	HT4E-A	4YJNF59KE-TSK	460/3/60	32.1	187	4	7000	12.4	84.6	110
	HT5E-A	4YJNF59KE-TSE	575/3/60	29.1	135	4	7000	10.0	75.5	100
	HT3E-A	6YHNF68KE-TSK	208-230/3/60	80.7	450	4	7000	24.8	206.4	250
KVD054L9 -	HT4E-A	6YHNF68KE-TSK	460/3/60	40.4	225	4	7000	12.4	103.3	125
	HT5E-A	6YHNF68KE-TSE	575/3/60	32.5	172	4	7000	10.0	83.1	110
	HT3E-A	6YJNF84KE-TSK	208-230/3/60	95.6	470	4	7000	24.8	239.9	300
KVD060L9 -	HT4E-A	6YJNF84KE-TSK	460/3/60	47.8	235	4	7000	12.4	120.0	150
	HT5E-A	6YJNF84KE-TSE	575/3/60	39.6	200	4	7000	10.0	99.1	125
	HT4E-A	6YUNF10ME-AWD	460/3/60	67.9	367	4	7000	12.4	165.2	225
KVD080L9 -	HT5E-A	6YUNF10ME-TSE	575/3/60	53.5	335.2	4	7000	10.0	130.4	175

SINGLE COMPRESSOR MODELS

TOP VIEW

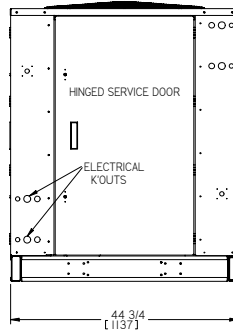


SIDE VIEW



SINGLE COMPRESSOR MODELS

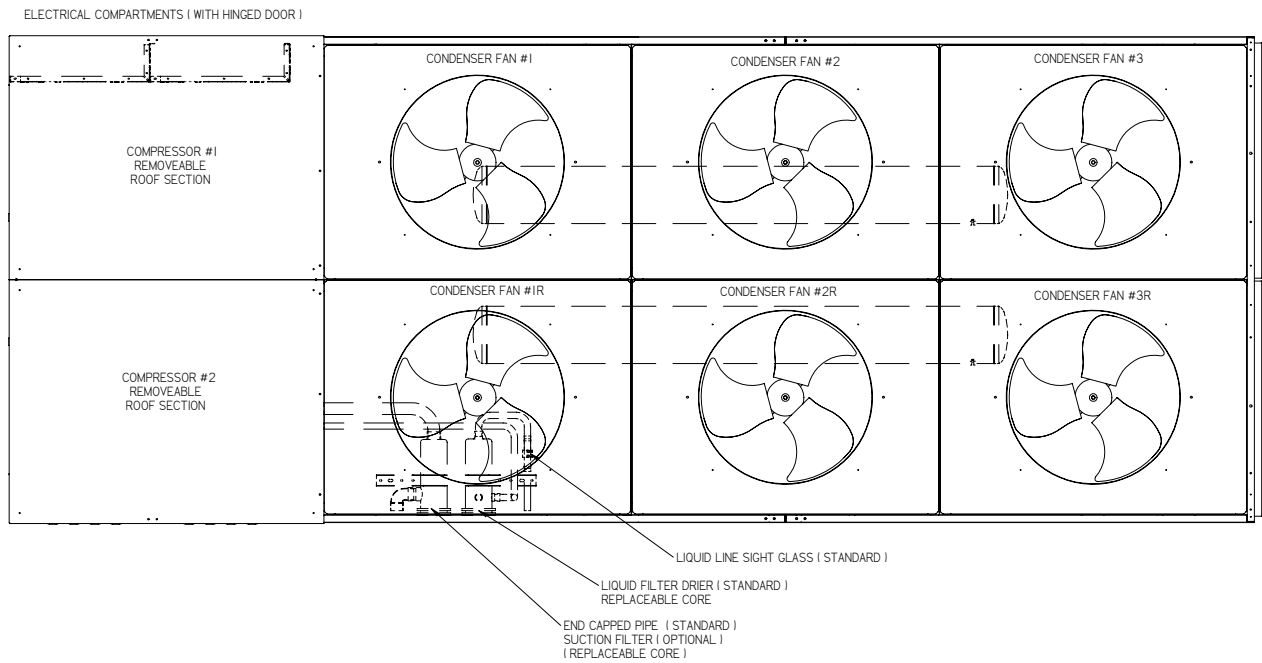
COMPRESSOR-END VIEW



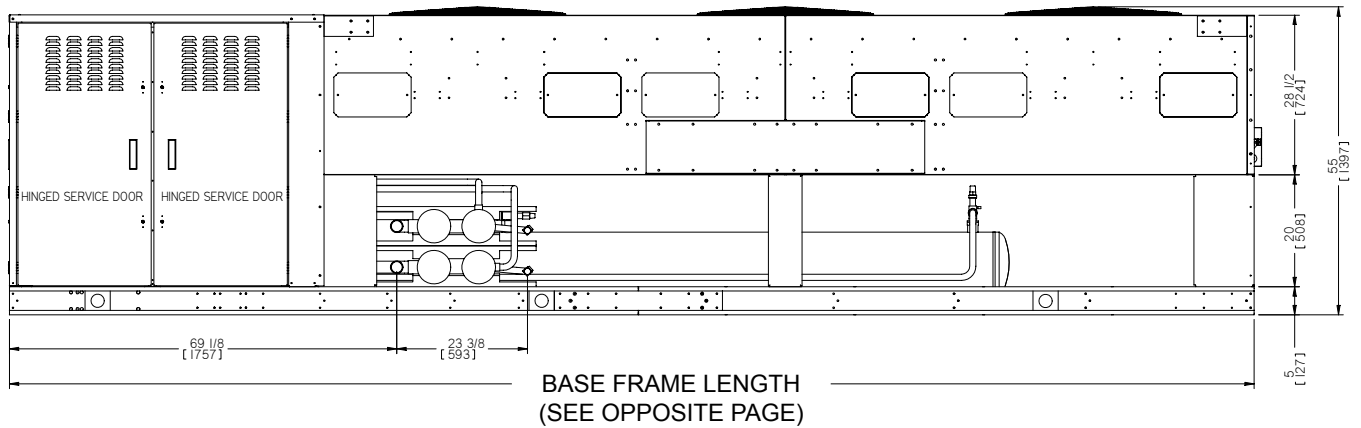
CONDENSING UNIT MODEL	BASE FRAME LENGTH	
	inches	mm
KVS015H9-H**E-A	167 3/8	4251
KVS020H9-H**E-A	167 3/8	4251
KVS022H9-H**E-A	167 3/8	4251
KVS025H9-H**E-A	167 3/8	4251
KVS030H9-H**E-A	167 3/8	4251
KVS035H9-H**E-A	222 3/8	5648
KVS040H9-H**E-A	222 3/8	5648
KVS015M9-H**E-A	167 3/8	4251
KVS020M9-H**E-A	167 3/8	4251
KVS022M9-H**E-A	167 3/8	4251
KVS025M9-H**E-A	167 3/8	4251
KVS030M9-H**E-A	167 3/8	4251
KVS035M9-H**E-A	222 3/8	5648
KVS040M9-H**E-A	222 3/8	5648
KVS050M9-H**E-A	222 3/8	5648
KVS010L9-H**E-A	112 3/8	2854
KVS015L9-H**E-A	112 3/8	2854
KVS022L9-H**E-A	167 3/8	4251
KVS027L9-H**E-A	167 3/8	4251
KVS030L9-H**E-A	167 3/8	4251
KVS040L9-H**E-A	167 3/8	4251
KVS010D9-H**E-A	112 3/8	2854
KVS015D9-H**E-A	112 3/8	2854
KVS022D9-H**E-A	167 3/8	4251
KVS027D9-H**E-A	167 3/8	4251

DUAL COMPRESSOR MODELS

TOP VIEW

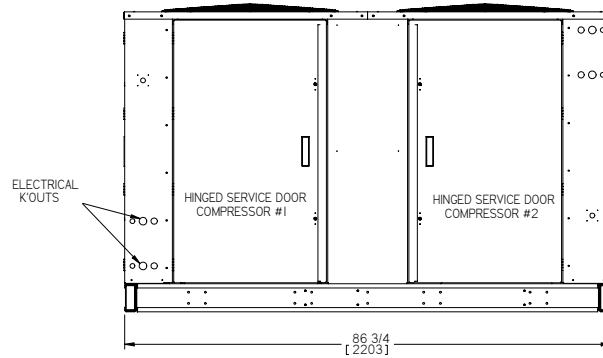


SIDE VIEW



DUAL COMPRESSOR MODELS

COMPRESSOR-END VIEW



CONDENSING UNIT MODEL	BASE FRAME LENGTH	
	inches	mm
KVD030H9-H**E-A	167 3/8	4251
KVD040H9-H**E-A	167 3/8	4251
KVD044H9-H**E-A	167 3/8	4251
KVD050H9-H**E-A	167 3/8	4251
KVD060H9-H**E-A	167 3/8	4251
KVD070H9-H**E-A	222 3/8	5648
KVD080H9-H**E-A	222 3/8	5648
KVD030M9-H**E-A	167 3/8	4251
KVD040M9-H**E-A	167 3/8	4251
KVD044M9-H**E-A	167 3/8	4251
KVD050M9-H**E-A	167 3/8	4251
KVD060M9-H**E-A	167 3/8	4251
KVD070M9-H**E-A	222 3/8	5648
KVD080M9-H**E-A	222 3/8	5648
KVD100M9-H**E-A	222 3/8	5648
KVD020L9-H**E-A	112 3/8	2854
KVD030L9-H**E-A	112 3/8	2854
KVD044L9-H**E-A	167 3/8	4251
KVD054L9-H**E-A	167 3/8	4251
KVD060L9-H**E-A	167 3/8	4251
KVD080L9-H**E-A	167 3/8	4251
KVS020D9-H**E-A	112 3/8	2854
KVS030D9-H**E-A	112 3/8	2854
KVS044D9-H**E-A	167 3/8	4251
KVS054D9-H**E-A	167 3/8	4251

SINGLE COMPRESSOR MODELS

CONDENSING UNIT MODEL KVS	CONDENSER FANS	UNIT CONNECTIONS				RECEIVER CAPACITY 90% FULL *		APPROX. SHIPPING WEIGHT	
		SUCTION (OD)		LIQUID (OD)		Lbs.	Kgs	Lbs.	Kgs
		Inches	mm	Inches	mm				
KVS015H9-H**E-A	2	1 5/8	41	7/8	22	100	45.4	2155	979
KVS020H9-H**E-A	2	1 5/8	41	7/8	22	100	45.4	2310	1027
KVS022H9-H**E-A	2	2 1/8	54	1 1/8	29	121	54.9	2385	1084
KVS025H9-H**E-A	2	2 1/8	54	1 1/8	29	121	54.9	2400	1091
KVS030H9-H**E-A	2	2 1/8	54	1 1/8	29	153	69.4	2500	1136
KVS035H9-H**E-A	3	2 1/8	54	1 1/8	29	185	83.9	3035	1379
KVS040H9-H**E-A	3	2 1/8	54	1 3/8	35	185	83.9	3165	1438
KVS015M9-H**E-A	2	1 5/8	41	7/8	22	100	45.4	2160	982
KVS020M9-H**E-A	2	1 5/8	41	7/8	22	100	45.4	2305	1048
KVS022M9-H**E-A	2	2 1/8	54	1 1/8	29	121	54.9	2390	1086
KVS025M9-H**E-A	2	2 1/8	54	1 1/8	29	121	54.9	2405	1093
KVS030M9-H**E-A	2	2 1/8	54	1 1/8	29	153	69.4	2510	1141
KVS035M9-H**E-A	3	2 1/8	54	1 1/8	29	185	83.9	3035	1379
KVS040M9-H**E-A	3	2 1/8	54	1 1/8	29	185	83.9	3165	1438
KVS050M9-H**E-A	3	2 1/8	54	1 1/8	29	249	112.9	3285	1493
KVS010L9-H**E-A	1	1 3/8	35	5/8	16	69	31.3	1675	761
KVS015L9-H**E-A	1	1 5/8	41	7/8	22	80	36.3	1800	818
KVS022L9-H**E-A	2	2 1/8	54	7/8	22	100	45.4	2285	1039
KVS027L9-H**E-A	2	2 1/8	54	1 1/8	29	121	54.9	2510	1141
KVS030L9-H**E-A	2	2 1/8	54	1 1/8	29	121	54.9	2515	1143
KVS040L9-H**E-A	2	2 1/8	54	1 1/8	29	153	69.4	2645	1202
KVS010D9-H**E-A	1	1 3/8	35	5/8	16	69	31.3	1675	761
KVS015D9-H**E-A	1	1 5/8	41	7/8	22	80	36.3	1800	818
KVS022D9-H**E-A	2	2 1/8	54	7/8	22	100	45.4	2285	1039
KVS027D9-H**E-A	2	2 1/8	54	1 1/8	29	121	54.9	2510	1141

DUAL COMPRESSOR MODELS

CONDENSING UNIT MODEL KVD	CONDENSER FANS	UNIT CONNECTIONS				RECEIVER CAPACITY (2) 90% FULL *		APPROX. SHIPPING WEIGHT	
		SUCTION (OD)		LIQUID (OD)		Lbs.	Kgs	Lbs.	Kgs
		Inches	mm	Inches	mm				
KVD030H9-H**E-A	2	1 5/8	41	7/8	22	100	45.4	3865	1757
KVD040H9-H**E-A	2	1 5/8	41	7/8	22	100	45.4	4165	1847
KVD044H9-H**E-A	2	2 1/8	54	1 1/8	29	121	54.9	4315	1961
KVD050H9-H**E-A	2	2 1/8	54	1 1/8	29	121	54.9	4345	1975
KVD060H9-H**E-A	2	2 1/8	54	1 1/8	29	153	69.4	4540	2063
KVD070H9-H**E-A	3	2 1/8	54	1 1/8	29	185	83.9	5510	2504
KVD080H9-H**E-A	3	2 1/8	54	1 3/8	35	185	83.9	5760	2618
KVD030M9-H**E-A	2	1 5/8	41	7/8	22	100	45.4	3875	1761
KVD040M9-H**E-A	2	1 5/8	41	7/8	22	100	45.4	4030	1852
KVD044M9-H**E-A	2	2 1/8	54	1 1/8	29	121	54.9	4325	1966
KVD050M9-H**E-A	2	2 1/8	54	1 1/8	29	121	54.9	4355	1979
KVD060M9-H**E-A	2	2 1/8	54	1 1/8	29	153	69.4	4555	2070
KVD070M9-H**E-A	3	2 1/8	54	1 1/8	29	185	83.9	5515	2506
KVD080M9-H**E-A	3	2 1/8	54	1 1/8	29	185	83.9	5760	2618
KVD100M9-H**E-A	3	2 1/8	54	1 1/8	29	249	112.9	6005	2729
KVD020L9-H**E-A	1	1 3/8	35	5/8	16	69	31.3	2975	1352
KVD030L9-H**E-A	1	1 5/8	41	7/8	22	80	36.3	3225	1466
KVD044L9-H**E-A	2	2 1/8	54	7/8	22	100	45.4	4120	1872
KVD054L9-H**E-A	2	2 1/8	54	1 1/8	29	121	54.9	4570	2077
KVD060L9-H**E-A	2	2 1/8	54	1 1/8	29	121	54.9	4580	2082
KVD080L9-H**E-A	2	2 1/8	54	1 1/8	29	153	69.4	4830	2195
KVD020D9-H**E-A	1	1 3/8	35	5/8	16	69	31.3	2975	1352
KVD030D9-H**E-A	1	1 5/8	41	7/8	22	80	36.3	3225	1466
KVD044D9-H**E-A	2	2 1/8	54	7/8	22	100	45.4	4120	1872
KVD054D9-H**E-A	2	2 1/8	54	1 1/8	29	121	54.9	4570	2077

* VALUES ARE FOR R454A. MULTIPLY VALUES ABOVE BY VALUE BELOW FOR OTHER REFRIGERANTS.

R454A	R454CA	R455A
1	1.02	1.01

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 KVS/ KVD	OUTDOOR		
	R454A	R454C	R455A
KVS015H9-A	7.6	7.6	7.6
KVS020H9-A	7.6	7.6	7.6
KVS022H9-A	7.6	7.6	7.6
KVS025H9-A	7.6	7.6	7.6
KVS030H9-A	7.6	7.6	7.6
KVS035H9-A	7.6	7.6	7.6
KVS040H9-A	7.6	7.6	7.6
KVD030H9-A	7.6	7.6	7.6
KVD040H9-A	7.6	7.6	7.6
KVD044H9-A	7.6	7.6	7.6
KVD050H9-A	7.6	7.6	7.6
KVD060H9-A	7.6	7.6	7.6
KVD070H9-A	7.6	7.6	7.6
KVD080H9-A	7.6	7.6	7.6
KVS015M9-A	7.6	7.6	7.6
KVS020M9-A	7.6	7.6	7.6
KVS022M9-A	7.6	7.6	7.6
KVS025M9-A	7.6	7.6	7.6
KVS030M9-A	7.6	7.6	7.6
KVS035M9-A	7.6	7.6	7.6
KVS040M9-A	7.6	7.6	7.6
KVS050M9-A	7.6	7.6	7.6
KVD030M9-A	7.6	7.6	7.6
KVD040M9-A	7.6	7.6	7.6
KVD044M9-A	7.6	7.6	7.6
KVD050M9-A	7.6	7.6	7.6
KVD060M9-A	7.6	7.6	7.6
KVD070M9-A	7.6	7.6	7.6
KVD080M9-A	7.6	7.6	7.6
KVD100M9-A	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."

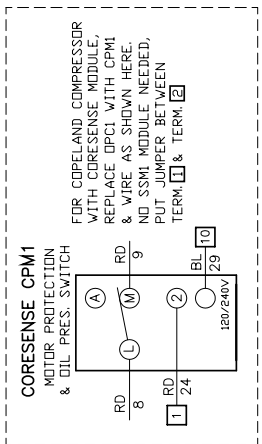
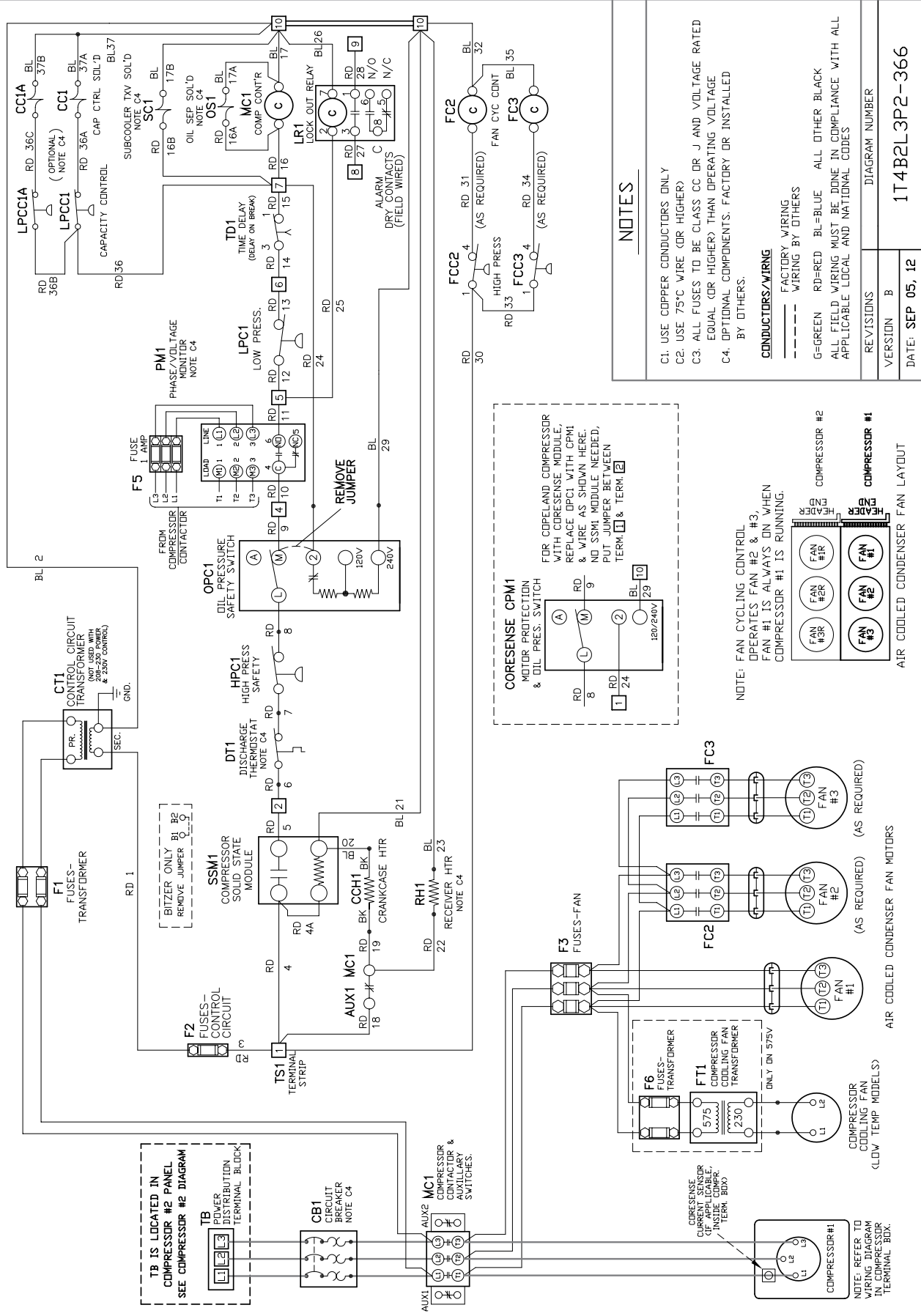
Base Unit Model KVS/ KVD	OUTDOOR		
	R454A	R454C	R455A
KVS010L9-A	-	-	-
KVS015L9-A	-	-	-
KVS022L9-A	-	-	-
KVS027L9-A	-	-	-
KVS030L9-A	-	-	-
KVS040L9-A	-	-	-
KVD020L9-A	-	-	-
KVD030L9-A	-	-	-
KVD044L9-A	-	-	-
KVD054L9-A	-	-	-
KVD060L9-A	-	-	-
KVD080L9-A	-	-	-
KVS010D9-A	3.15	3.15	3.15
KVS015D9-A	3.15	3.15	3.15
KVS022D9-A	3.15	3.15	3.15
KVS027D9-A	3.15	3.15	3.15
KVD020D9-A	3.15	3.15	3.15
KVD030D9-A	3.15	3.15	3.15
KVD044D9-A	3.15	3.15	3.15
KVD054D9-A	3.15	3.15	3.15

— = Non-compliant model

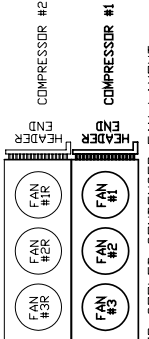
CONDENSING UNIT COMPRESSOR #1

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

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



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



NOTES

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

CONDUCTORS/WIRING

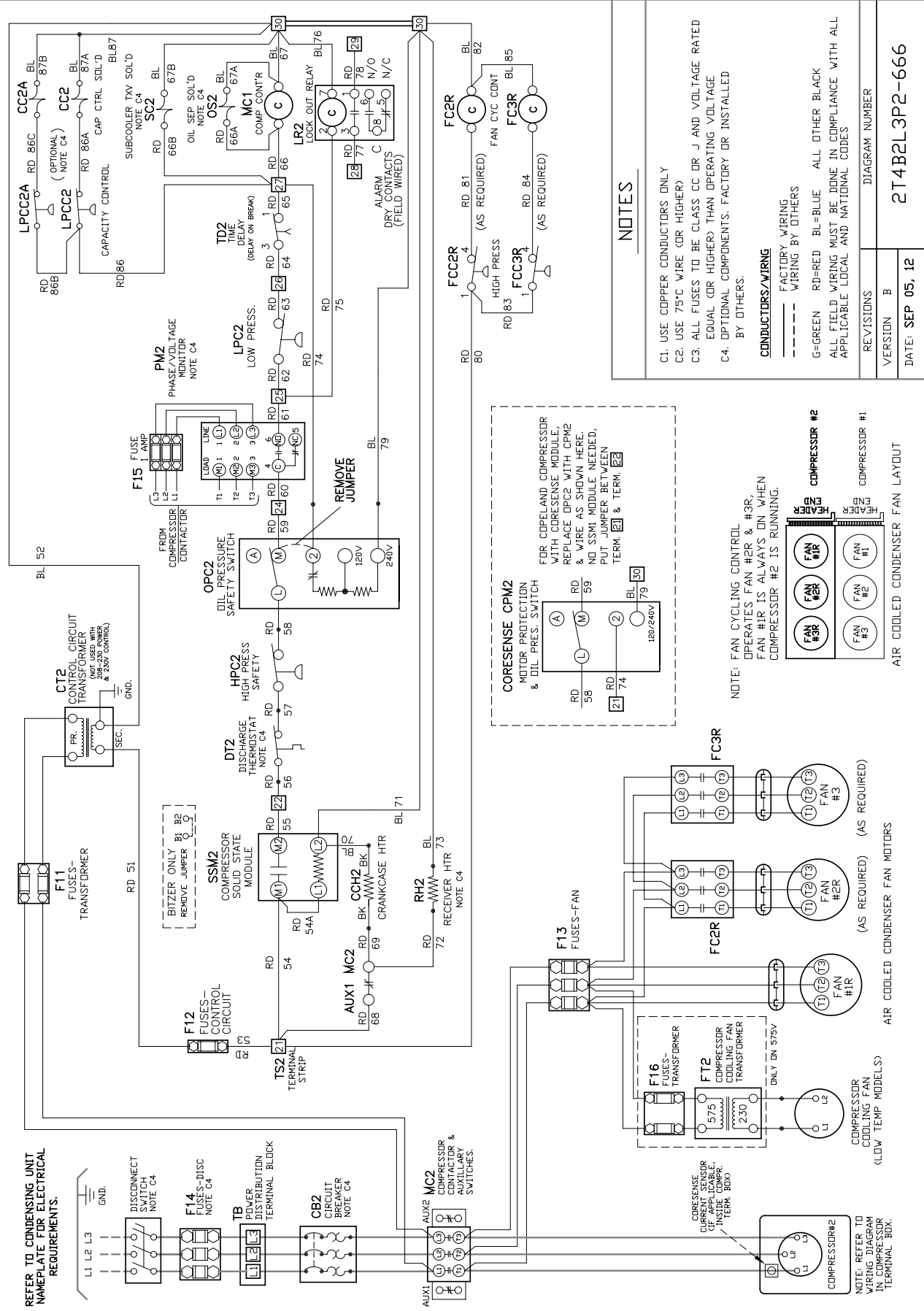
- FACTORY WIRING
- - - WIRING BY OTHERS
- G=GREEN RD=RED BL=BLUE ALL OTHER BLACK
- ALL FIELD WIRING MUST BE DONE IN COMPLIANCE WITH ALL APPLICABLE LOCAL AND NATIONAL CODES

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

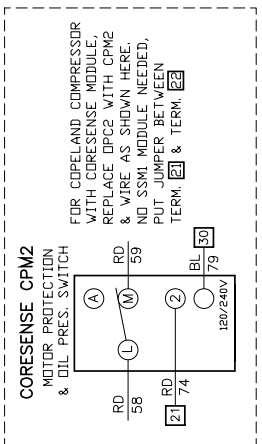
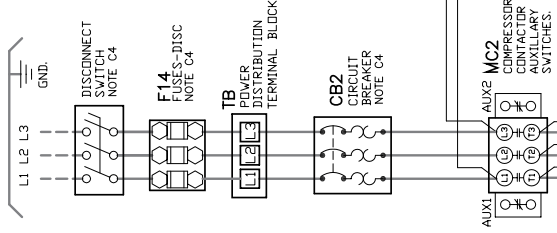
CONDENSING UNIT COMPRESSOR #2

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

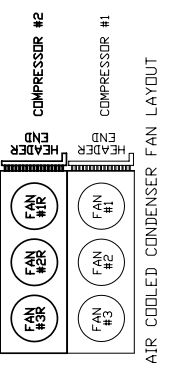
— 208-230/3/60, 460/3/60, 575/3/60 POWER SUPPLY
 — 230V or 120V CONTROL CIRCUIT



REFER TO CONDENSING UNIT NAMEPLATE FOR ELECTRICAL REQUIREMENTS.



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



NOTES

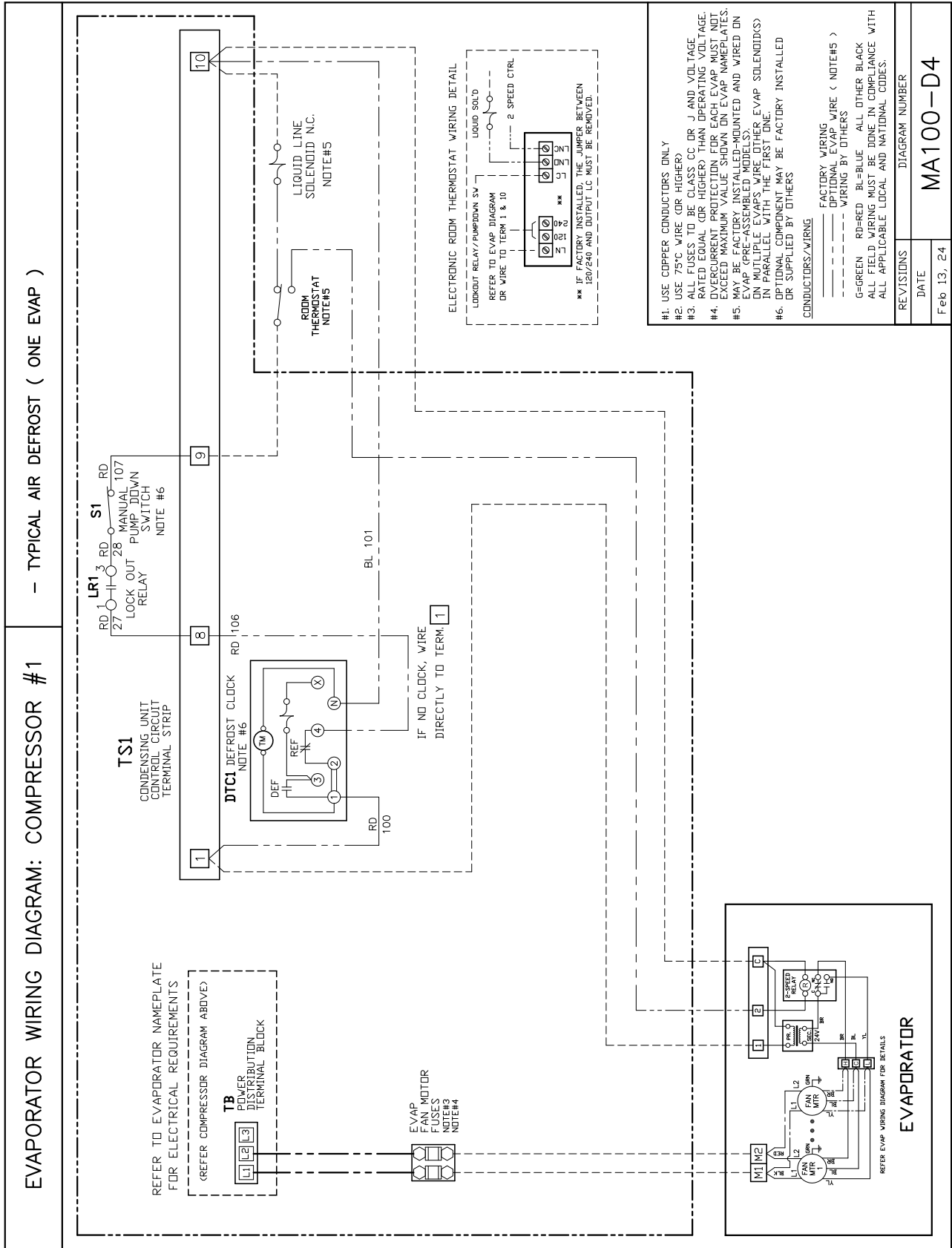
- C1. USE COPPER CONDUCTORS ONLY
- C2. USE 75°C WIRE (OR HIGHER)
- C3. ALL FUSES TO BE CLASS CC OR J AND VOLTAGE RATED EQUAL (OR HIGHER) THAN OPERATING VOLTAGE
- C4. OPTIONAL COMPONENTS. FACTORY OR INSTALLED BY OTHERS.

CONDUCTORS/WIRING
 --- FACTORY WIRING
 - - - WIRING BY OTHERS

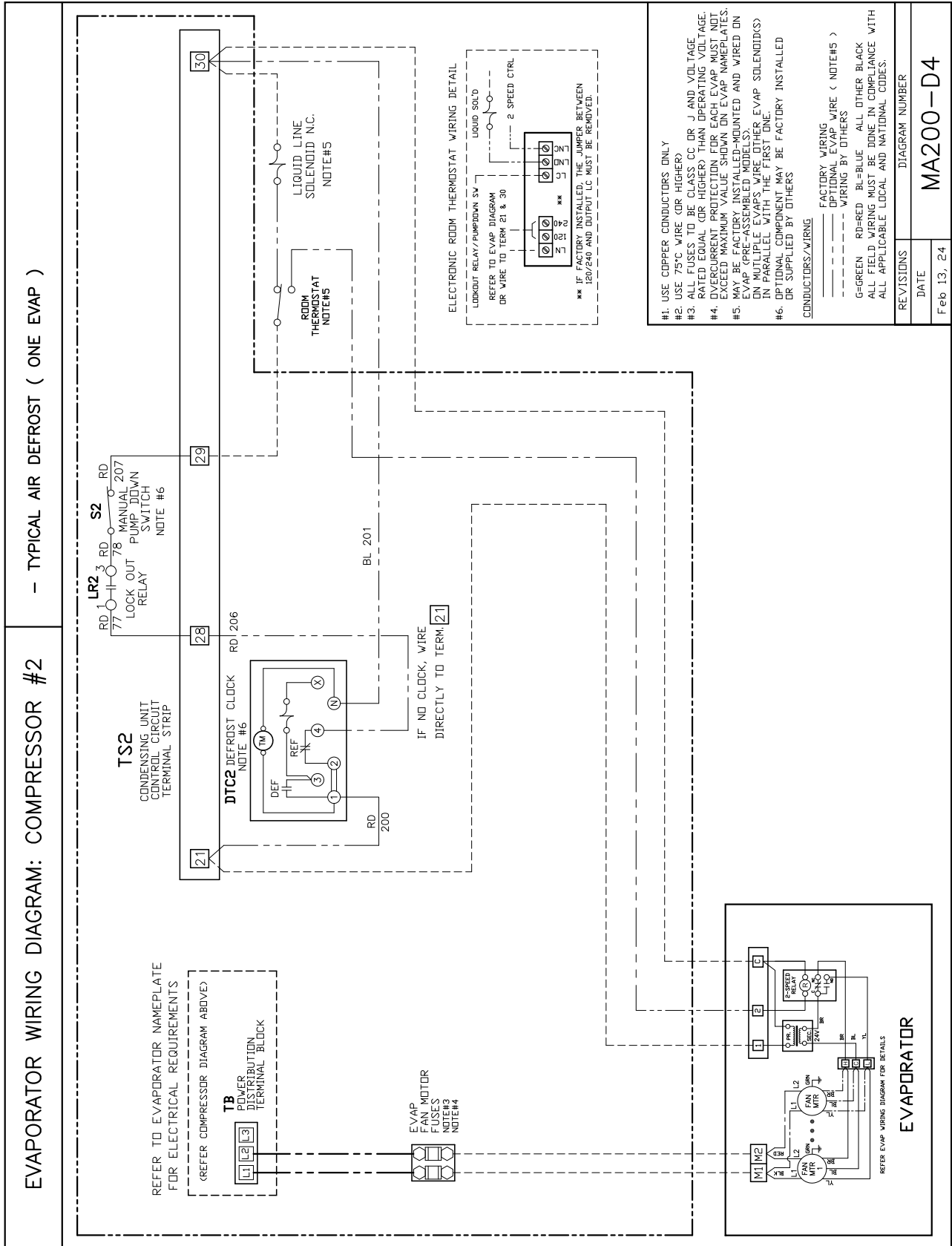
G=GREEN RD=RED BL=BLUE ALL OTHER BLACK
 ALL FIELD WIRING MUST BE DONE IN COMPLIANCE WITH ALL APPLICABLE LOCAL AND NATIONAL CODES

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

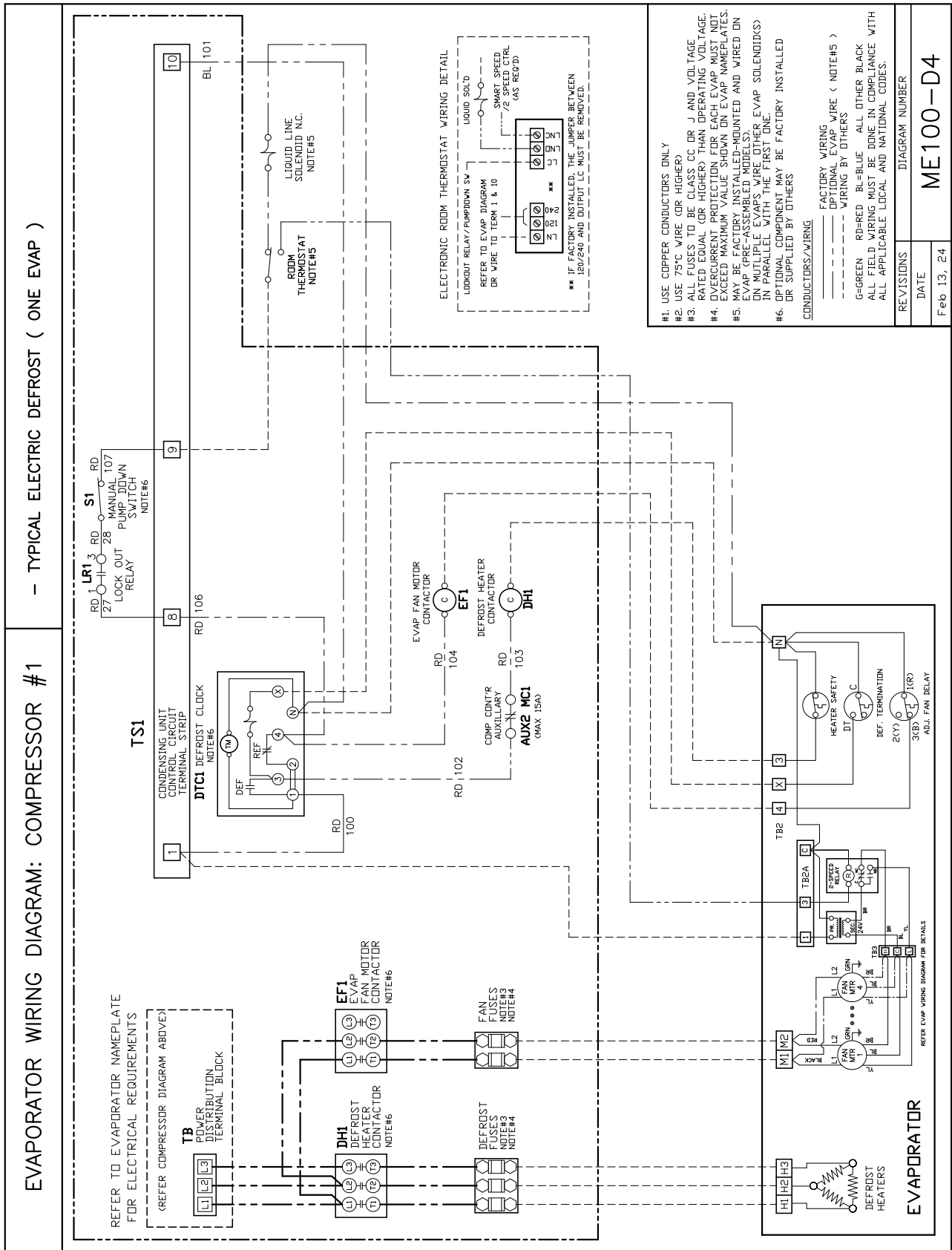
AIR DEFROST EVAP. - COMPRESSOR #1



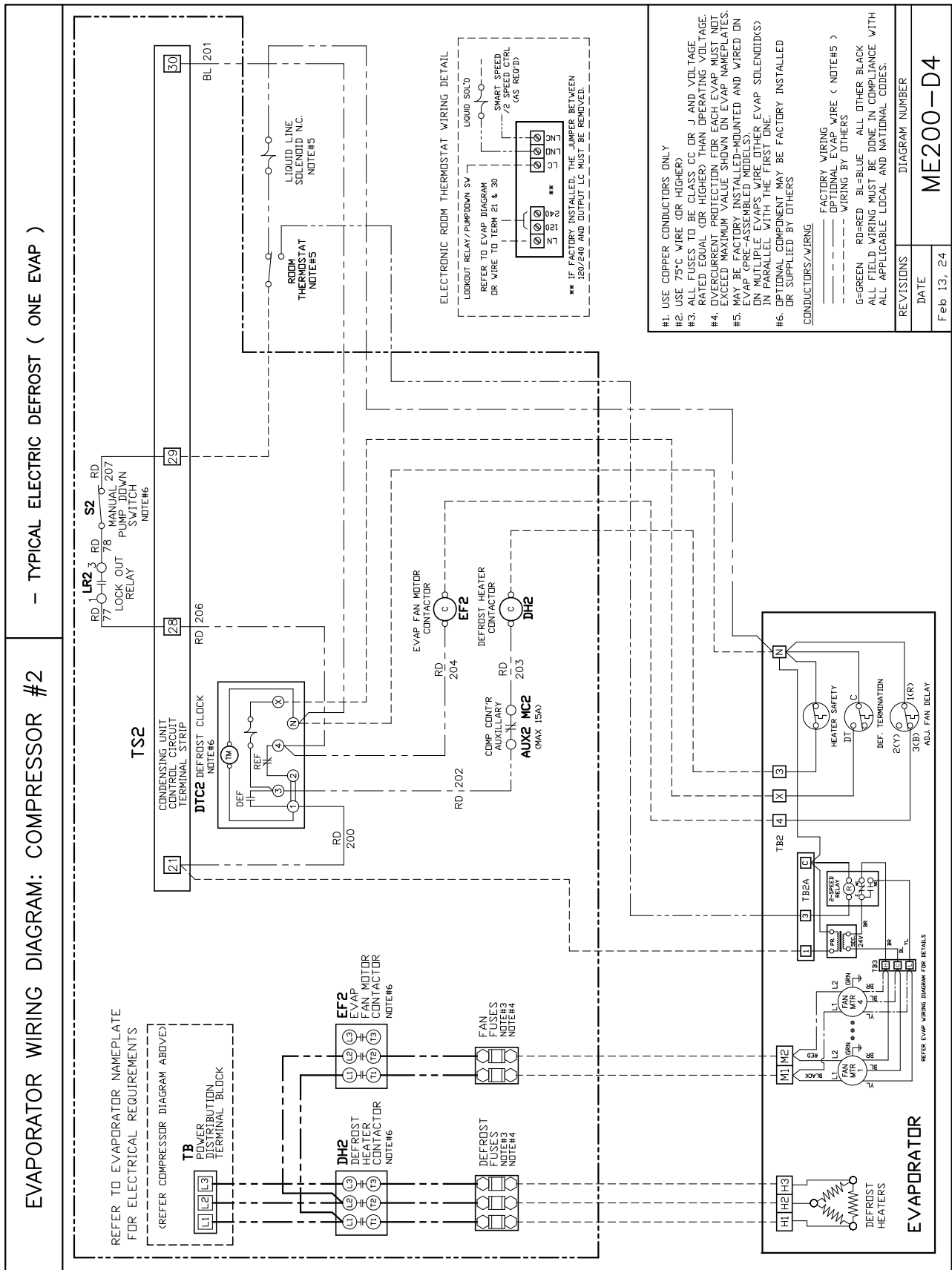
AIR DEFROST EVAP. - COMPRESSOR #2



ELECTRIC DEFROST EVAP. - COMPRESSOR #1



ELECTRIC DEFROST EVAP. - COMPRESSOR #2



SINGLE WIDE HIGH TEMPERATURE - R454A

“H9” R454A - SINGLE WIDE

CONDENSING UNIT MODEL KVS	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454A-MEAN AMBIENT TEMPERATURE °F (°C)											
			85 (29.4)		90 (32.2)		95 (35)		100 (37.8)		105 (40.6)		110 (43.3)	
	°F	(°C)												
KVS016H9-A Compressor 3YS3R16ME	45	(7.2)	234.1	(68.6)	225.9	(66.2)	217.6	(63.8)	209.0	(61.3)	200.2	(58.7)	191.2	(56)
	40	(4.4)	213.8	(62.7)	206.2	(60.4)	198.5	(58.2)	190.6	(55.9)	182.5	(53.5)	174.2	(51.1)
	35	(1.7)	194.7	(57.1)	187.8	(55)	180.7	(53)	173.4	(50.8)	166.0	(48.7)	158.4	(46.4)
KVS021H9-A Compressor 4YANR15ME	45	(7.2)	248.8	(72.9)	236.4	(69.3)	223.9	(65.6)	211.5	(62)	199.2	(58.4)	187.1	(54.8)
	40	(4.4)	229.8	(67.4)	218.2	(64)	206.6	(60.6)	195.0	(57.2)	183.6	(53.8)	172.3	(50.5)
	35	(1.7)	211.3	(61.9)	200.6	(58.8)	189.8	(55.6)	179.0	(52.5)	168.4	(49.4)	158.0	(46.3)
KVS023H9-A Compressor 4YBNR19ME	45	(7.2)	285.8	(83.8)	275.6	(80.8)	265.2	(77.7)	254.7	(74.6)	243.8	(71.5)	232.8	(68.2)
	40	(4.4)	261.2	(76.6)	251.8	(73.8)	242.2	(71)	232.5	(68.1)	222.5	(65.2)	212.4	(62.3)
	35	(1.7)	238.0	(69.8)	229.4	(67.2)	220.7	(64.7)	211.7	(62)	202.5	(59.3)	193.2	(56.6)
KVS026H9-A Compressor 4YHNR22ME	45	(7.2)	335.7	(98.4)	324.0	(95)	311.9	(91.4)	299.6	(87.8)	287.0	(84.1)	274.1	(80.3)
	40	(4.4)	306.5	(89.8)	295.7	(86.7)	284.6	(83.4)	273.3	(80.1)	261.7	(76.7)	249.8	(73.2)
	35	(1.7)	279.1	(81.8)	269.2	(78.9)	259.1	(75.9)	248.7	(72.9)	238.0	(69.8)	227.2	(66.6)
KVS031H9-A Compressor 4YJNR27ME	45	(7.2)	410.8	(120.4)	396.2	(116.1)	381.3	(111.8)	366.1	(107.3)	350.6	(102.8)	334.7	(98.1)
	40	(4.4)	374.9	(109.9)	361.5	(105.9)	347.9	(102)	333.9	(97.9)	319.6	(93.7)	305.0	(89.4)
	35	(1.7)	341.3	(100)	329.1	(96.5)	316.6	(92.8)	303.8	(89)	290.7	(85.2)	277.3	(81.3)
KVS036H9-A Compressor 6YHNR32ME	45	(7.2)	494.8	(145)	477.6	(140)	459.9	(134.8)	441.7	(129.5)	423.2	(124)	404.2	(118.5)
	40	(4.4)	451.1	(132.2)	435.3	(127.6)	419.0	(122.8)	402.3	(117.9)	385.2	(112.9)	367.7	(107.8)
	35	(1.7)	410.3	(120.3)	395.8	(116)	380.8	(111.6)	365.5	(107.1)	349.8	(102.5)	333.8	(97.8)
KVS041H9-A Compressor 6YJNR39ME	45	(7.2)	604.0	(177)	582.7	(170.8)	560.9	(164.4)	538.7	(157.9)	515.9	(151.2)	492.8	(144.4)
	40	(4.4)	550.7	(161.4)	531.1	(155.7)	511.1	(149.8)	490.6	(143.8)	469.8	(137.7)	448.5	(131.4)
	35	(1.7)	500.9	(146.8)	483.0	(141.6)	464.7	(136.2)	445.9	(130.7)	426.8	(125.1)	407.4	(119.4)

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

SINGLE WIDE HIGH TEMPERATURE - R454C

“H9” R454C - SINGLE WIDE

CONDENSING UNIT MODEL KVS	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454C-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVS016H9-A Compressor 3YS3R16ME	45	(7.2)	201.9	(59.2)	194.9	(57.1)	187.7	(55)	180.4	(52.9)	172.9	(50.7)	165.2	(48.4)
	40	(4.4)	184.1	(54)	177.7	(52.1)	171.1	(50.1)	164.3	(48.2)	157.4	(46.1)	150.3	(44.1)
	35	(1.7)	167.5	(49.1)	161.6	(47.4)	155.5	(45.6)	149.2	(43.7)	142.8	(41.9)	136.3	(39.9)
KVS021H9-A Compressor 4YANR15ME	45	(7.2)	225.6	(66.1)	217.7	(63.8)	209.7	(61.5)	201.5	(59.1)	193.1	(56.6)	184.6	(54.1)
	40	(4.4)	205.8	(60.3)	198.6	(58.2)	191.2	(56)	183.6	(53.8)	175.8	(51.5)	168.0	(49.2)
	35	(1.7)	187.3	(54.9)	180.6	(52.9)	173.8	(50.9)	166.8	(48.9)	159.7	(46.8)	152.5	(44.7)
KVS023H9-A Compressor 4YBNR19ME	45	(7.2)	246.3	(72.2)	237.6	(69.6)	228.8	(67.1)	219.8	(64.4)	210.6	(61.7)	201.2	(59)
	40	(4.4)	224.8	(65.9)	216.8	(63.5)	208.6	(61.1)	200.3	(58.7)	191.8	(56.2)	183.1	(53.7)
	35	(1.7)	204.6	(60)	197.3	(57.8)	189.7	(55.6)	182.1	(53.4)	174.3	(51.1)	166.3	(48.7)
KVS026H9-A Compressor 4YHNR22ME	45	(7.2)	288.8	(84.6)	278.8	(81.7)	268.7	(78.8)	258.3	(75.7)	247.6	(72.6)	236.8	(69.4)
	40	(4.4)	263.4	(77.2)	254.2	(74.5)	244.8	(71.7)	235.2	(68.9)	225.4	(66.1)	215.4	(63.1)
	35	(1.7)	239.6	(70.2)	231.1	(67.7)	222.5	(65.2)	213.6	(62.6)	204.6	(60)	195.4	(57.3)
KVS031H9-A Compressor 4YJNR27ME	45	(7.2)	353.6	(103.6)	341.3	(100)	328.7	(96.3)	315.8	(92.6)	302.6	(88.7)	289.1	(84.7)
	40	(4.4)	322.5	(94.5)	311.2	(91.2)	299.6	(87.8)	287.7	(84.3)	275.6	(80.8)	263.1	(77.1)
	35	(1.7)	293.5	(86)	283.1	(83)	272.4	(79.8)	261.5	(76.6)	250.3	(73.4)	238.9	(70)
KVS036H9-A Compressor 6YHNR32ME	45	(7.2)	426.4	(125)	411.9	(120.7)	396.9	(116.3)	381.4	(111.8)	365.6	(107.2)	349.3	(102.4)
	40	(4.4)	388.5	(113.9)	375.1	(109.9)	361.2	(105.9)	346.9	(101.7)	332.2	(97.4)	317.1	(92.9)
	35	(1.7)	353.1	(103.5)	340.6	(99.8)	327.8	(96.1)	314.6	(92.2)	301.1	(88.2)	287.2	(84.2)
KVS041H9-A Compressor 6YJNR39ME	45	(7.2)	519.8	(152.3)	501.8	(147.1)	483.3	(141.6)	464.4	(136.1)	445.0	(130.4)	425.2	(124.6)
	40	(4.4)	473.6	(138.8)	457.0	(133.9)	440.0	(129)	422.5	(123.8)	404.7	(118.6)	386.4	(113.2)
	35	(1.7)	430.6	(126.2)	415.3	(121.7)	399.7	(117.1)	383.7	(112.5)	367.3	(107.6)	350.5	(102.7)

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

SINGLE WIDE HIGH TEMPERATURE - R455A

“H9” R455A - SINGLE WIDE

CONDENSING UNIT MODEL KVS	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 455A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVS016H9-A Compressor 3YS3R16ME	45	(7.2)	211.4	(62)	203.7	(59.7)	195.9	(57.4)	187.8	(55)	179.6	(52.6)	171.2	(50.2)
	40	(4.4)	192.8	(56.5)	185.7	(54.4)	178.5	(52.3)	171.0	(50.1)	163.5	(47.9)	155.7	(45.6)
	35	(1.7)	175.4	(51.4)	168.9	(49.5)	162.2	(47.5)	155.4	(45.5)	148.4	(43.5)	141.3	(41.4)
KVS021H9-A Compressor 4YANR15ME	45	(7.2)	236.9	(69.4)	228.3	(66.9)	219.5	(64.3)	210.5	(61.7)	201.4	(59)	192.0	(56.3)
	40	(4.4)	216.0	(63.3)	208.0	(61)	199.9	(58.6)	191.6	(56.2)	183.2	(53.7)	174.6	(51.2)
	35	(1.7)	196.4	(57.6)	189.1	(55.4)	181.7	(53.3)	174.0	(51)	166.3	(48.7)	158.3	(46.4)
KVS023H9-A Compressor 4YBNR19ME	45	(7.2)	258.3	(75.7)	248.7	(72.9)	239.0	(70)	229.1	(67.1)	219.0	(64.2)	208.7	(61.2)
	40	(4.4)	235.6	(69.1)	226.8	(66.5)	217.9	(63.9)	208.8	(61.2)	199.4	(58.4)	190.0	(55.7)
	35	(1.7)	214.4	(62.8)	206.4	(60.5)	198.1	(58.1)	189.7	(55.6)	181.2	(53.1)	172.5	(50.6)
KVS026H9-A Compressor 4YHNR22ME	45	(7.2)	303.3	(88.9)	292.3	(85.7)	281.1	(82.4)	269.6	(79)	257.8	(75.6)	245.9	(72.1)
	40	(4.4)	276.5	(81)	266.4	(78.1)	256.0	(75)	245.4	(71.9)	234.6	(68.8)	223.6	(65.5)
	35	(1.7)	251.4	(73.7)	242.1	(71)	232.6	(68.2)	222.9	(65.3)	213.0	(62.4)	202.9	(59.5)
KVS031H9-A Compressor 4YJNR27ME	45	(7.2)	371.0	(108.7)	357.4	(104.7)	343.5	(100.7)	329.2	(96.5)	314.7	(92.2)	299.8	(87.9)
	40	(4.4)	338.3	(99.2)	325.8	(95.5)	313.0	(91.7)	299.8	(87.9)	286.4	(83.9)	272.7	(79.9)
	35	(1.7)	307.7	(90.2)	296.2	(86.8)	284.4	(83.4)	272.4	(79.8)	260.1	(76.2)	247.6	(72.6)
KVS036H9-A Compressor 6YHNR32ME	45	(7.2)	446.8	(130.9)	430.6	(126.2)	413.9	(121.3)	396.8	(116.3)	379.3	(111.2)	361.4	(105.9)
	40	(4.4)	407.0	(119.3)	392.0	(114.9)	376.6	(110.4)	360.9	(105.8)	344.7	(101)	328.2	(96.2)
	35	(1.7)	369.8	(108.4)	356.0	(104.3)	341.9	(100.2)	327.4	(96)	312.6	(91.6)	297.4	(87.2)
KVS041H9-A Compressor 6YJNR39ME	45	(7.2)	545.6	(159.9)	525.7	(154.1)	505.4	(148.1)	484.6	(142)	463.4	(135.8)	441.8	(129.5)
	40	(4.4)	496.9	(145.6)	478.6	(140.3)	459.9	(134.8)	440.7	(129.2)	421.2	(123.4)	401.3	(117.6)
	35	(1.7)	451.5	(132.3)	434.7	(127.4)	417.5	(122.4)	400.0	(117.2)	382.1	(112)	363.8	(106.6)

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

SINGLE WIDE MEDIUM TEMPERATURE - R454A

"M9" R454A - SINGLE WIDE

CONDENSING UNIT MODEL KVS	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454A-MEAN AMBIENT TEMPERATURE °F (°C)											
			85 (29.4)		90 (32.2)		95 (35)		100 (37.8)		105 (40.6)		110 (43.3)	
	°F	(°C)												
KVS016M9-A Compressor 3YS3R16ME	30	(-1.1)	176.9	(51.8)	170.5	(50)	164.0	(48.1)	157.4	(46.1)	150.6	(44.1)	143.7	(42.1)
	25	(-3.9)	160.2	(47)	154.4	(45.3)	148.5	(43.5)	142.4	(41.7)	136.3	(39.9)	129.9	(38.1)
	20	(-6.7)	144.7	(42.4)	139.4	(40.9)	134.0	(39.3)	128.5	(37.7)	122.9	(36)	117.2	(34.3)
	15	(-9.4)	130.2	(38.2)	125.4	(36.8)	120.5	(35.3)	115.6	(33.9)	110.5	(32.4)	105.4	(30.9)
	10	(-12.2)	116.7	(34.2)	112.4	(32.9)	108.0	(31.7)	103.5	(30.3)	99.0	(29)	94.4	(27.7)
	5	(-15)	104.1	(30.5)	100.2	(29.4)	96.3	(28.2)	92.3	(27.1)	88.3	(25.9)	84.2	(24.7)
	0	(-17.8)	92.3	(27.1)	88.9	(26.1)	85.4	(25)	81.8	(24)	78.3	(22.9)	74.7	(21.9)
KVS021M9-A Compressor 4YANR15ME	30	(-1.1)	193.5	(56.7)	183.6	(53.8)	173.6	(50.9)	163.6	(47.9)	153.8	(45.1)	144.2	(42.3)
	25	(-3.9)	176.4	(51.7)	167.2	(49)	158.0	(46.3)	148.8	(43.6)	139.8	(41)	131.0	(38.4)
	20	(-6.7)	160.1	(46.9)	151.6	(44.4)	143.2	(42)	134.7	(39.5)	126.4	(37)	118.3	(34.7)
	15	(-9.4)	144.6	(42.4)	136.8	(40.1)	129.1	(37.8)	121.3	(35.6)	113.7	(33.3)	106.3	(31.2)
	10	(-12.2)	129.9	(38.1)	122.9	(36)	115.8	(33.9)	108.7	(31.9)	101.8	(29.8)	95.1	(27.9)
	5	(-15)	116.2	(34.1)	109.8	(32.2)	103.3	(30.3)	96.9	(28.4)	90.6	(26.6)	84.6	(24.8)
	0	(-17.8)	103.6	(30.4)	97.7	(28.6)	91.8	(26.9)	86.0	(25.2)	80.3	(23.5)	74.9	(22)
KVS023M9-A Compressor 4YBNR19ME	30	(-1.1)	216.4	(63.4)	208.5	(61.1)	200.5	(58.8)	192.2	(56.3)	183.9	(53.9)	175.3	(51.4)
	25	(-3.9)	196.1	(57.5)	188.9	(55.4)	181.6	(53.2)	174.1	(51)	166.5	(48.8)	158.7	(46.5)
	20	(-6.7)	177.1	(51.9)	170.6	(50)	164.0	(48.1)	157.2	(46.1)	150.3	(44.1)	143.2	(42)
	15	(-9.4)	159.5	(46.7)	153.6	(45)	147.5	(43.2)	141.4	(41.4)	135.2	(39.6)	128.8	(37.7)
	10	(-12.2)	143.0	(41.9)	137.7	(40.4)	132.2	(38.7)	126.7	(37.1)	121.1	(35.5)	115.5	(33.9)
	5	(-15)	127.7	(37.4)	122.8	(36)	118.0	(34.6)	113.0	(33.1)	108.1	(31.7)	103.0	(30.2)
	0	(-17.8)	113.3	(33.2)	109.0	(31.9)	104.7	(30.7)	100.3	(29.4)	95.9	(28.1)	91.4	(26.8)
KVS026M9-A Compressor 4YHNR22ME	30	(-1.1)	253.5	(74.3)	244.4	(71.6)	235.2	(68.9)	225.7	(66.1)	216.0	(63.3)	206.0	(60.4)
	25	(-3.9)	229.6	(67.3)	221.3	(64.9)	212.9	(62.4)	204.2	(59.8)	195.4	(57.3)	186.4	(54.6)
	20	(-6.7)	207.2	(60.7)	199.7	(58.5)	192.1	(56.3)	184.2	(54)	176.2	(51.6)	168.1	(49.3)
	15	(-9.4)	186.4	(54.6)	179.6	(52.6)	172.7	(50.6)	165.6	(48.5)	158.4	(46.4)	151.1	(44.3)
	10	(-12.2)	167.0	(48.9)	160.9	(47.2)	154.7	(45.3)	148.3	(43.5)	141.9	(41.6)	135.4	(39.7)
	5	(-15)	149.0	(43.7)	143.5	(42.1)	137.9	(40.4)	132.3	(38.8)	126.5	(37.1)	120.7	(35.4)
	0	(-17.8)	132.2	(38.7)	127.3	(37.3)	122.3	(35.8)	117.3	(34.4)	112.2	(32.9)	107.1	(31.4)
KVS031M9-A Compressor 4YJNR27ME	30	(-1.1)	310.0	(90.9)	298.8	(87.6)	287.4	(84.2)	275.7	(80.8)	263.7	(77.3)	251.6	(73.7)
	25	(-3.9)	280.8	(82.3)	270.6	(79.3)	260.2	(76.3)	249.6	(73.2)	238.7	(70)	227.7	(66.7)
	20	(-6.7)	253.6	(74.3)	244.3	(71.6)	234.9	(68.8)	225.3	(66)	215.5	(63.2)	205.5	(60.2)
	15	(-9.4)	228.2	(66.9)	219.9	(64.4)	211.4	(62)	202.7	(59.4)	193.9	(56.8)	185.0	(54.2)
	10	(-12.2)	204.6	(60)	197.1	(57.8)	189.5	(55.5)	181.7	(53.3)	173.8	(50.9)	165.9	(48.6)
	5	(-15)	182.7	(53.5)	175.9	(51.6)	169.1	(49.6)	162.1	(47.5)	155.1	(45.5)	148.1	(43.4)
	0	(-17.8)	162.2	(47.5)	156.1	(45.8)	150.0	(44)	143.9	(42.2)	137.7	(40.4)	131.5	(38.5)
KVS036M9-A Compressor 6YHNR32ME	30	(-1.1)	372.3	(109.1)	359.0	(105.2)	345.3	(101.2)	331.3	(97.1)	317.0	(92.9)	302.4	(88.6)
	25	(-3.9)	337.0	(98.8)	324.8	(95.2)	312.3	(91.5)	299.6	(87.8)	286.6	(84)	273.3	(80.1)
	20	(-6.7)	304.0	(89.1)	293.0	(85.9)	281.7	(82.6)	270.1	(79.2)	258.3	(75.7)	246.3	(72.2)
	15	(-9.4)	273.4	(80.1)	263.4	(77.2)	253.2	(74.2)	242.7	(71.1)	232.1	(68)	221.4	(64.9)
	10	(-12.2)	245.0	(71.8)	235.9	(69.1)	226.7	(66.4)	217.3	(63.7)	207.9	(60.9)	198.3	(58.1)
	5	(-15)	218.5	(64)	210.3	(61.6)	202.1	(59.2)	193.7	(56.8)	185.3	(54.3)	176.8	(51.8)
	0	(-17.8)	193.8	(56.8)	186.5	(54.7)	179.1	(52.5)	171.7	(50.3)	164.3	(48.2)	156.9	(46)

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

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SINGLE WIDE MEDIUM TEMPERATURE - R454A

“M9” R454A - SINGLE WIDE

CONDENSING UNIT MODEL KVS	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVS041M9-A Compressor 6YJNR39ME	30	(-1.1)	454.6	(133.2)	438.2	(128.4)	421.5	(123.5)	404.4	(118.5)	387.0	(113.4)	369.3	(108.2)
	25	(-3.9)	411.5	(120.6)	396.6	(116.2)	381.4	(111.8)	365.9	(107.2)	350.1	(102.6)	334.0	(97.9)
	20	(-6.7)	371.4	(108.9)	357.9	(104.9)	344.1	(100.8)	330.1	(96.7)	315.8	(92.6)	301.4	(88.3)
	15	(-9.4)	334.2	(97.9)	322.0	(94.4)	309.5	(90.7)	296.9	(87)	284.1	(83.3)	271.2	(79.5)
	10	(-12.2)	299.6	(87.8)	288.6	(84.6)	277.4	(81.3)	266.1	(78)	254.7	(74.6)	243.2	(71.3)
	5	(-15)	267.4	(78.4)	257.5	(75.5)	247.5	(72.5)	237.4	(69.6)	227.3	(66.6)	217.1	(63.6)
	0	(-17.8)	237.3	(69.5)	228.5	(67)	219.5	(64.3)	210.6	(61.7)	201.7	(59.1)	192.8	(56.5)
KVS051M9-A Compressor 6YUNR48ME	30	(-1.1)	532.3	(156)	512.7	(150.3)	492.8	(144.4)	472.4	(138.5)	451.7	(132.4)	430.7	(126.2)
	25	(-3.9)	482.4	(141.4)	464.6	(136.2)	446.5	(130.9)	428.1	(125.5)	409.3	(120)	390.3	(114.4)
	20	(-6.7)	435.9	(127.8)	419.9	(123.1)	403.5	(118.3)	386.9	(113.4)	370.0	(108.4)	352.9	(103.4)
	15	(-9.4)	392.7	(115.1)	378.2	(110.8)	363.5	(106.5)	348.5	(102.1)	333.4	(97.7)	318.1	(93.2)
	10	(-12.2)	352.4	(103.3)	339.4	(99.5)	326.2	(95.6)	312.8	(91.7)	299.3	(87.7)	285.8	(83.8)
	5	(-15)	314.9	(92.3)	303.2	(88.9)	291.4	(85.4)	279.5	(81.9)	267.6	(78.4)	255.6	(74.9)
	0	(-17.8)	279.7	(82)	269.2	(78.9)	258.7	(75.8)	248.2	(72.7)	237.7	(69.7)	227.3	(66.6)

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

SINGLE WIDE MEDIUM TEMPERATURE - R454C

“M9” R454C - SINGLE WIDE

CONDENSING UNIT MODEL KVS	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454C-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVS016M9-A Compressor 3YS3R16ME	30	(-1.1)	152.0	(44.5)	146.5	(42.9)	140.9	(41.3)	135.2	(39.6)	129.3	(37.9)	123.3	(36.1)
	25	(-3.9)	137.4	(40.3)	132.4	(38.8)	127.3	(37.3)	122.1	(35.8)	116.7	(34.2)	111.3	(32.6)
	20	(-6.7)	123.9	(36.3)	119.3	(35)	114.6	(33.6)	109.9	(32.2)	105.0	(30.8)	100.1	(29.3)
	15	(-9.4)	111.2	(32.6)	107.1	(31.4)	102.8	(30.1)	98.5	(28.9)	94.2	(27.6)	89.7	(26.3)
	10	(-12.2)	99.4	(29.1)	95.7	(28)	91.9	(26.9)	88.0	(25.8)	84.1	(24.6)	80.1	(23.5)
	5	(-15)	88.5	(25.9)	85.1	(24.9)	81.7	(23.9)	78.3	(22.9)	74.8	(21.9)	71.2	(20.9)
	0	(-17.8)	78.3	(22.9)	75.3	(22.1)	72.3	(21.2)	69.2	(20.3)	66.1	(19.4)	63.0	(18.5)
KVS021M9-A Compressor 4YANR15ME	30	(-1.1)	169.9	(49.8)	163.8	(48)	157.5	(46.2)	151.1	(44.3)	144.6	(42.4)	138.0	(40.4)
	25	(-3.9)	153.7	(45)	148.1	(43.4)	142.4	(41.7)	136.5	(40)	130.6	(38.3)	124.6	(36.5)
	20	(-6.7)	138.6	(40.6)	133.5	(39.1)	128.3	(37.6)	123.0	(36)	117.6	(34.5)	112.1	(32.9)
	15	(-9.4)	124.4	(36.5)	119.8	(35.1)	115.1	(33.7)	110.3	(32.3)	105.4	(30.9)	100.5	(29.5)
	10	(-12.2)	111.3	(32.6)	107.1	(31.4)	102.8	(30.1)	98.5	(28.9)	94.2	(27.6)	89.7	(26.3)
	5	(-15)	99.0	(29)	95.3	(27.9)	91.5	(26.8)	87.6	(25.7)	83.7	(24.5)	79.8	(23.4)
	0	(-17.8)	87.6	(25.7)	84.2	(24.7)	80.8	(23.7)	77.4	(22.7)	74.0	(21.7)	70.5	(20.7)
KVS023M9-A Compressor 4YBNR19ME	30	(-1.1)	185.7	(54.4)	179.0	(52.5)	172.1	(50.4)	165.1	(48.4)	157.9	(46.3)	150.6	(44.1)
	25	(-3.9)	168.1	(49.3)	161.9	(47.5)	155.6	(45.6)	149.2	(43.7)	142.7	(41.8)	136.0	(39.9)
	20	(-6.7)	151.7	(44.5)	146.0	(42.8)	140.3	(41.1)	134.5	(39.4)	128.5	(37.7)	122.5	(35.9)
	15	(-9.4)	136.3	(39.9)	131.2	(38.5)	126.0	(36.9)	120.8	(35.4)	115.4	(33.8)	110.0	(32.2)
	10	(-12.2)	122.0	(35.8)	117.4	(34.4)	112.8	(33.1)	108.0	(31.7)	103.2	(30.2)	98.3	(28.8)
	5	(-15)	108.7	(31.9)	104.6	(30.7)	100.4	(29.4)	96.2	(28.2)	91.9	(26.9)	87.5	(25.6)
	0	(-17.8)	96.3	(28.2)	92.6	(27.1)	88.9	(26.1)	85.1	(24.9)	81.3	(23.8)	77.5	(22.7)
KVS026M9-A Compressor 4YHNR22ME	30	(-1.1)	217.3	(63.7)	209.6	(61.4)	201.7	(59.1)	193.6	(56.7)	185.3	(54.3)	176.9	(51.8)
	25	(-3.9)	196.6	(57.6)	189.5	(55.5)	182.3	(53.4)	174.9	(51.3)	167.4	(49.1)	159.7	(46.8)
	20	(-6.7)	177.3	(52)	170.8	(50.1)	164.2	(48.1)	157.5	(46.2)	150.7	(44.2)	143.7	(42.1)
	15	(-9.4)	159.3	(46.7)	153.4	(45)	147.5	(43.2)	141.4	(41.4)	135.2	(39.6)	128.9	(37.8)
	10	(-12.2)	142.6	(41.8)	137.3	(40.2)	131.9	(38.7)	126.4	(37)	120.9	(35.4)	115.3	(33.8)
	5	(-15)	127.0	(37.2)	122.2	(35.8)	117.4	(34.4)	112.5	(33)	107.6	(31.5)	102.6	(30.1)
	0	(-17.8)	112.5	(33)	108.2	(31.7)	103.9	(30.5)	99.6	(29.2)	95.2	(27.9)	90.8	(26.6)
KVS031M9-A Compressor 4YJNR27ME	30	(-1.1)	266.4	(78.1)	256.8	(75.3)	247.1	(72.4)	237.1	(69.5)	226.8	(66.5)	216.4	(63.4)
	25	(-3.9)	241.1	(70.7)	232.4	(68.1)	223.5	(65.5)	214.3	(62.8)	205.0	(60.1)	195.5	(57.3)
	20	(-6.7)	217.5	(63.7)	209.6	(61.4)	201.5	(59.1)	193.2	(56.6)	184.8	(54.2)	176.2	(51.6)
	15	(-9.4)	195.5	(57.3)	188.4	(55.2)	181.0	(53)	173.6	(50.9)	166.0	(48.7)	158.2	(46.4)
	10	(-12.2)	175.1	(51.3)	168.6	(49.4)	162.0	(47.5)	155.3	(45.5)	148.5	(43.5)	141.6	(41.5)
	5	(-15)	156.1	(45.8)	150.3	(44.1)	144.3	(42.3)	138.3	(40.5)	132.3	(38.8)	126.1	(37)
	0	(-17.8)	138.3	(40.5)	133.1	(39)	127.9	(37.5)	122.5	(35.9)	117.2	(34.3)	111.8	(32.8)
KVS036M9-A Compressor 6YHNR32ME	30	(-1.1)	320.0	(93.8)	308.5	(90.4)	296.7	(87)	284.6	(83.4)	272.2	(79.8)	259.5	(76.1)
	25	(-3.9)	289.1	(84.7)	278.6	(81.7)	267.8	(78.5)	256.7	(75.2)	245.4	(71.9)	233.8	(68.5)
	20	(-6.7)	260.4	(76.3)	250.8	(73.5)	240.9	(70.6)	230.8	(67.6)	220.5	(64.6)	210.0	(61.5)
	15	(-9.4)	233.6	(68.5)	224.9	(65.9)	215.9	(63.3)	206.8	(60.6)	197.5	(57.9)	188.1	(55.1)
	10	(-12.2)	208.8	(61.2)	200.9	(58.9)	192.8	(56.5)	184.6	(54.1)	176.3	(51.7)	167.9	(49.2)
	5	(-15)	185.7	(54.4)	178.6	(52.3)	171.3	(50.2)	164.0	(48.1)	156.7	(45.9)	149.3	(43.8)
	0	(-17.8)	164.3	(48.2)	157.9	(46.3)	151.5	(44.4)	145.0	(42.5)	138.6	(40.6)	132.1	(38.7)

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

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SINGLE WIDE MEDIUM TEMPERATURE - R454C

“M9” R454C - SINGLE WIDE

CONDENSING UNIT MODEL KVS	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454C-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVS041M9-A Compressor 6YJNR39ME	30	(-1.1)	390.6	(114.5)	376.6	(110.4)	362.3	(106.2)	347.7	(101.9)	332.6	(97.5)	317.3	(93)
	25	(-3.9)	353.4	(103.6)	340.7	(99.9)	327.6	(96)	314.2	(92.1)	300.6	(88.1)	286.6	(84)
	20	(-6.7)	318.8	(93.4)	307.3	(90.1)	295.4	(86.6)	283.3	(83)	270.9	(79.4)	258.3	(75.7)
	15	(-9.4)	286.7	(84)	276.2	(80.9)	265.5	(77.8)	254.6	(74.6)	243.4	(71.3)	232.1	(68)
	10	(-12.2)	256.9	(75.3)	247.4	(72.5)	237.8	(69.7)	227.9	(66.8)	217.9	(63.9)	207.8	(60.9)
	5	(-15)	229.1	(67.1)	220.5	(64.6)	211.9	(62.1)	203.1	(59.5)	194.2	(56.9)	185.2	(54.3)
	0	(-17.8)	203.1	(59.5)	195.4	(57.3)	187.7	(55)	179.9	(52.7)	172.1	(50.4)	164.2	(48.1)
KVS051M9-A Compressor 6YUNR48ME	30	(-1.1)	458.2	(134.3)	441.5	(129.4)	424.5	(124.4)	407.0	(119.3)	389.2	(114.1)	370.9	(108.7)
	25	(-3.9)	415.0	(121.6)	399.8	(117.2)	384.3	(112.6)	368.4	(108)	352.2	(103.2)	335.6	(98.4)
	20	(-6.7)	374.9	(109.9)	361.2	(105.9)	347.1	(101.7)	332.7	(97.5)	318.0	(93.2)	303.0	(88.8)
	15	(-9.4)	337.7	(99)	325.2	(95.3)	312.5	(91.6)	299.5	(87.8)	286.3	(83.9)	272.8	(80)
	10	(-12.2)	303.0	(88.8)	291.7	(85.5)	280.3	(82.2)	268.7	(78.8)	256.9	(75.3)	244.9	(71.8)
	5	(-15)	270.6	(79.3)	260.5	(76.3)	250.3	(73.4)	239.9	(70.3)	229.4	(67.2)	218.8	(64.1)
	0	(-17.8)	240.2	(70.4)	231.2	(67.8)	222.1	(65.1)	212.9	(62.4)	203.6	(59.7)	194.3	(56.9)

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

SINGLE WIDE MEDIUM TEMPERATURE - R455A

“M9” R455A - SINGLE WIDE

CONDENSING UNIT MODEL KVS	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 455A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVS016M9-A Compressor 3YS3R16ME	30	(-1.1)	159.1	(46.6)	153.1	(44.9)	147.0	(43.1)	140.8	(41.3)	134.4	(39.4)	128.0	(37.5)
	25	(-3.9)	143.9	(42.2)	138.5	(40.6)	132.9	(39)	127.2	(37.3)	121.4	(35.6)	115.5	(33.9)
	20	(-6.7)	129.7	(38)	124.8	(36.6)	119.7	(35.1)	114.6	(33.6)	109.3	(32)	104.0	(30.5)
	15	(-9.4)	116.5	(34.1)	112.0	(32.8)	107.5	(31.5)	102.8	(30.1)	98.1	(28.8)	93.3	(27.3)
	10	(-12.2)	104.2	(30.5)	100.2	(29.4)	96.1	(28.2)	91.9	(26.9)	87.7	(25.7)	83.4	(24.4)
	5	(-15)	92.8	(27.2)	89.2	(26.1)	85.5	(25.1)	81.8	(24)	78.0	(22.9)	74.2	(21.7)
	0	(-17.8)	82.1	(24.1)	78.9	(23.1)	75.6	(22.2)	72.3	(21.2)	69.0	(20.2)	65.7	(19.3)
KVS021M9-A Compressor 4YANR15ME	30	(-1.1)	178.2	(52.2)	171.5	(50.3)	164.6	(48.2)	157.6	(46.2)	150.5	(44.1)	143.3	(42)
	25	(-3.9)	161.1	(47.2)	155.0	(45.4)	148.8	(43.6)	142.4	(41.7)	135.9	(39.8)	129.3	(37.9)
	20	(-6.7)	145.3	(42.6)	139.7	(40.9)	134.0	(39.3)	128.3	(37.6)	122.4	(35.9)	116.4	(34.1)
	15	(-9.4)	130.5	(38.2)	125.5	(36.8)	120.3	(35.3)	115.1	(33.7)	109.8	(32.2)	104.4	(30.6)
	10	(-12.2)	116.7	(34.2)	112.2	(32.9)	107.6	(31.5)	102.9	(30.2)	98.2	(28.8)	93.4	(27.4)
	5	(-15)	103.9	(30.5)	99.8	(29.2)	95.7	(28)	91.6	(26.8)	87.3	(25.6)	83.1	(24.4)
	0	(-17.8)	91.9	(26.9)	88.3	(25.9)	84.6	(24.8)	81.0	(23.7)	77.2	(22.6)	73.5	(21.5)
KVS023M9-A Compressor 4YBNR19ME	30	(-1.1)	194.6	(57)	187.2	(54.9)	179.7	(52.7)	172.0	(50.4)	164.2	(48.1)	156.2	(45.8)
	25	(-3.9)	176.1	(51.6)	169.4	(49.6)	162.5	(47.6)	155.5	(45.6)	148.4	(43.5)	141.1	(41.4)
	20	(-6.7)	158.9	(46.6)	152.8	(44.8)	146.5	(42.9)	140.2	(41.1)	133.7	(39.2)	127.1	(37.3)
	15	(-9.4)	142.8	(41.9)	137.3	(40.2)	131.6	(38.6)	125.9	(36.9)	120.1	(35.2)	114.2	(33.5)
	10	(-12.2)	127.9	(37.5)	122.9	(36)	117.8	(34.5)	112.6	(33)	107.4	(31.5)	102.1	(29.9)
	5	(-15)	113.9	(33.4)	109.4	(32.1)	104.9	(30.7)	100.3	(29.4)	95.7	(28)	91.0	(26.7)
	0	(-17.8)	100.9	(29.6)	96.9	(28.4)	92.9	(27.2)	88.8	(26)	84.7	(24.8)	80.6	(23.6)
KVS026M9-A Compressor 4YHNR22ME	30	(-1.1)	228.0	(66.8)	219.5	(64.3)	210.8	(61.8)	201.9	(59.2)	192.9	(56.5)	183.6	(53.8)
	25	(-3.9)	206.2	(60.4)	198.5	(58.2)	190.5	(55.8)	182.5	(53.5)	174.2	(51.1)	165.8	(48.6)
	20	(-6.7)	185.9	(54.5)	178.9	(52.4)	171.7	(50.3)	164.4	(48.2)	156.9	(46)	149.3	(43.8)
	15	(-9.4)	167.0	(48.9)	160.7	(47.1)	154.2	(45.2)	147.6	(43.3)	140.8	(41.3)	134.0	(39.3)
	10	(-12.2)	149.5	(43.8)	143.7	(42.1)	137.9	(40.4)	132.0	(38.7)	126.0	(36.9)	119.9	(35.1)
	5	(-15)	133.1	(39)	128.0	(37.5)	122.8	(36)	117.5	(34.4)	112.1	(32.9)	106.7	(31.3)
	0	(-17.8)	117.9	(34.6)	113.3	(33.2)	108.7	(31.9)	104.0	(30.5)	99.3	(29.1)	94.6	(27.7)
KVS031M9-A Compressor 4YJNR27ME	30	(-1.1)	279.1	(81.8)	268.6	(78.7)	257.9	(75.6)	246.9	(72.4)	235.7	(69.1)	224.3	(65.7)
	25	(-3.9)	252.5	(74)	243.0	(71.2)	233.2	(68.3)	223.2	(65.4)	213.0	(62.4)	202.6	(59.4)
	20	(-6.7)	227.8	(66.8)	219.1	(64.2)	210.2	(61.6)	201.2	(59)	192.0	(56.3)	182.6	(53.5)
	15	(-9.4)	204.7	(60)	196.9	(57.7)	188.9	(55.4)	180.7	(53)	172.5	(50.6)	164.1	(48.1)
	10	(-12.2)	183.3	(53.7)	176.2	(51.6)	169.0	(49.5)	161.8	(47.4)	154.4	(45.3)	146.9	(43.1)
	5	(-15)	163.3	(47.9)	157.0	(46)	150.6	(44.1)	144.1	(42.2)	137.6	(40.3)	130.9	(38.4)
	0	(-17.8)	144.7	(42.4)	139.1	(40.8)	133.4	(39.1)	127.6	(37.4)	121.9	(35.7)	116.1	(34)
KVS036M9-A Compressor 6YHNR32ME	30	(-1.1)	335.1	(98.2)	322.5	(94.5)	309.5	(90.7)	296.3	(86.8)	282.7	(82.9)	268.9	(78.8)
	25	(-3.9)	302.8	(88.7)	291.3	(85.4)	279.5	(81.9)	267.4	(78.4)	255.1	(74.8)	242.5	(71.1)
	20	(-6.7)	272.8	(80)	262.3	(76.9)	251.5	(73.7)	240.6	(70.5)	229.5	(67.3)	218.1	(63.9)
	15	(-9.4)	244.8	(71.7)	235.3	(69)	225.6	(66.1)	215.8	(63.2)	205.8	(60.3)	195.6	(57.3)
	10	(-12.2)	218.9	(64.2)	210.3	(61.6)	201.6	(59.1)	192.7	(56.5)	183.8	(53.9)	174.8	(51.2)
	5	(-15)	194.7	(57.1)	187.0	(54.8)	179.2	(52.5)	171.4	(50.2)	163.5	(47.9)	155.6	(45.6)
	0	(-17.8)	172.2	(50.5)	165.3	(48.4)	158.5	(46.5)	151.6	(44.4)	144.7	(42.4)	137.8	(40.4)

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

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SINGLE WIDE MEDIUM TEMPERATURE - R455A

“M9” R455A - SINGLE WIDE

CONDENSING UNIT MODEL KVS	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 455A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVS041M9-A Compressor 6YJNR39ME	30	(-1.1)	409.3	(120)	393.9	(115.4)	378.2	(110.8)	362.1	(106.1)	345.8	(101.3)	329.1	(96.5)
	25	(-3.9)	370.0	(108.4)	356.0	(104.3)	341.6	(100.1)	327.0	(95.8)	312.2	(91.5)	297.1	(87.1)
	20	(-6.7)	333.5	(97.7)	320.8	(94)	307.8	(90.2)	294.6	(86.3)	281.1	(82.4)	267.5	(78.4)
	15	(-9.4)	299.7	(87.8)	288.1	(84.4)	276.4	(81)	264.5	(77.5)	252.4	(74)	240.2	(70.4)
	10	(-12.2)	268.2	(78.6)	257.8	(75.6)	247.3	(72.5)	236.6	(69.3)	225.8	(66.2)	215.0	(63)
	5	(-15)	239.0	(70)	229.6	(67.3)	220.2	(64.5)	210.7	(61.8)	201.2	(59)	191.6	(56.2)
	0	(-17.8)	211.7	(62)	203.4	(59.6)	195.0	(57.2)	186.6	(54.7)	178.3	(52.3)	169.9	(49.8)
KVS051M9-A Compressor 6YUNR48ME	30	(-1.1)	479.3	(140.5)	461.0	(135.1)	442.2	(129.6)	423.1	(124)	403.7	(118.3)	384.0	(112.5)
	25	(-3.9)	433.7	(127.1)	417.0	(122.2)	400.0	(117.2)	382.6	(112.1)	365.0	(107)	347.1	(101.7)
	20	(-6.7)	391.4	(114.7)	376.2	(110.3)	360.7	(105.7)	345.0	(101.1)	329.1	(96.5)	313.0	(91.7)
	15	(-9.4)	352.0	(103.2)	338.2	(99.1)	324.3	(95)	310.2	(90.9)	295.9	(86.7)	281.5	(82.5)
	10	(-12.2)	315.3	(92.4)	303.0	(88.8)	290.5	(85.1)	277.8	(81.4)	265.1	(77.7)	252.3	(73.9)
	5	(-15)	281.2	(82.4)	270.1	(79.2)	259.0	(75.9)	247.8	(72.6)	236.5	(69.3)	225.3	(66)
	0	(-17.8)	249.4	(73.1)	239.5	(70.2)	229.6	(67.3)	219.7	(64.4)	209.8	(61.5)	200.0	(58.6)

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

SINGLE WIDE LOW TEMPERATURE - R454A

“L9” R454A - SINGLE WIDE

CONDENSING UNIT MODEL KVS	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
	KVS011L9-A Compressor 3YS3F33KE	0	(-17.8)	87.6	(25.7)	84.2	(24.7)	80.7	(23.7)	77.3	(22.7)	73.8	(21.6)	70.4
-5		(-20.6)	77.6	(22.7)	74.5	(21.8)	71.4	(20.9)	68.3	(20)	65.2	(19.1)	62.1	(18.2)
-10		(-23.3)	68.4	(20)	65.6	(19.2)	62.8	(18.4)	60.0	(17.6)	57.2	(16.8)	54.4	(15.9)
-15		(-26.1)	59.8	(17.5)	57.3	(16.8)	54.8	(16.1)	52.3	(15.3)	49.8	(14.6)	47.3	(13.9)
-20		(-28.9)	51.9	(15.2)	49.7	(14.6)	47.5	(13.9)	45.2	(13.2)	43.0	(12.6)	40.8	(12)
-25		(-31.7)	44.7	(13.1)	42.8	(12.5)	40.8	(12)	38.8	(11.4)	36.8	(10.8)	34.9	(10.2)
-30		(-34.4)	38.2	(11.2)	36.5	(10.7)	34.7	(10.2)	32.9	(9.6)	31.2	(9.1)	29.5	(8.6)
-35		(-37.2)	32.4	(9.5)	30.8	(9)	29.2	(8.6)	27.7	(8.1)	26.2	(7.7)	24.7	(7.2)
-40		(-40)	27.1	(7.9)	25.8	(7.6)	24.4	(7.2)	23.1	(6.8)	21.7	(6.4)	20.5	(6)
KVS016L9-A Compressor 4YHNF46KE	0	(-17.8)	126.5	(37.1)	121.7	(35.7)	116.9	(34.3)	112.0	(32.8)	107.2	(31.4)	102.3	(30)
	-5	(-20.6)	112.3	(32.9)	107.9	(31.6)	103.6	(30.4)	99.2	(29.1)	94.8	(27.8)	90.3	(26.5)
	-10	(-23.3)	99.0	(29)	95.1	(27.9)	91.1	(26.7)	87.1	(25.5)	83.2	(24.4)	79.2	(23.2)
	-15	(-26.1)	86.6	(25.4)	83.1	(24.4)	79.5	(23.3)	76.0	(22.3)	72.4	(21.2)	68.8	(20.2)
	-20	(-28.9)	75.2	(22)	72.1	(21.1)	68.9	(20.2)	65.7	(19.3)	62.5	(18.3)	59.3	(17.4)
	-25	(-31.7)	64.8	(19)	62.0	(18.2)	59.1	(17.3)	56.3	(16.5)	53.5	(15.7)	50.6	(14.8)
	-30	(-34.4)	55.4	(16.2)	52.8	(15.5)	50.3	(14.7)	47.8	(14)	45.3	(13.3)	42.8	(12.5)
	-35	(-37.2)	46.9	(13.7)	44.7	(13.1)	42.4	(12.4)	40.2	(11.8)	38.0	(11.1)	35.8	(10.5)
	-40	(-40)	39.5	(11.6)	37.5	(11)	35.5	(10.4)	33.5	(9.8)	31.6	(9.3)	29.7	(8.7)
KVS023L9-A Compressor 4YHNF46KE	0	(-17.8)	153.4	(45)	147.5	(43.2)	141.6	(41.5)	135.7	(39.8)	129.7	(38)	123.8	(36.3)
	-5	(-20.6)	136.3	(39.9)	131.0	(38.4)	125.6	(36.8)	120.2	(35.2)	114.9	(33.7)	109.5	(32.1)
	-10	(-23.3)	120.4	(35.3)	115.5	(33.9)	110.7	(32.4)	105.8	(31)	101.0	(29.6)	96.1	(28.2)
	-15	(-26.1)	105.6	(30.9)	101.2	(29.7)	96.8	(28.4)	92.5	(27.1)	88.1	(25.8)	83.8	(24.6)
	-20	(-28.9)	91.9	(26.9)	88.0	(25.8)	84.1	(24.6)	80.2	(23.5)	76.3	(22.4)	72.4	(21.2)
	-25	(-31.7)	79.4	(23.3)	75.9	(22.2)	72.4	(21.2)	69.0	(20.2)	65.5	(19.2)	62.1	(18.2)
	-30	(-34.4)	68.0	(19.9)	64.9	(19)	61.9	(18.1)	58.8	(17.2)	55.8	(16.4)	52.8	(15.5)
	-35	(-37.2)	57.9	(17)	55.1	(16.1)	52.4	(15.4)	49.8	(14.6)	47.1	(13.8)	44.5	(13)
	-40	(-40)	48.9	(14.3)	46.5	(13.6)	44.1	(12.9)	41.8	(12.3)	39.5	(11.6)	37.3	(10.9)
KVS028L9-A Compressor 6YHNF68KE	0	(-17.8)	181.5	(53.2)	174.4	(51.1)	167.4	(49.1)	160.3	(47)	153.3	(44.9)	146.2	(42.8)
	-5	(-20.6)	161.3	(47.3)	154.9	(45.4)	148.5	(43.5)	142.2	(41.7)	135.8	(39.8)	129.4	(37.9)
	-10	(-23.3)	142.4	(41.7)	136.6	(40)	130.9	(38.4)	125.2	(36.7)	119.5	(35)	113.8	(33.4)
	-15	(-26.1)	124.9	(36.6)	119.7	(35.1)	114.6	(33.6)	109.4	(32.1)	104.3	(30.6)	99.2	(29.1)
	-20	(-28.9)	108.7	(31.9)	104.1	(30.5)	99.5	(29.2)	94.9	(27.8)	90.4	(26.5)	85.8	(25.1)
	-25	(-31.7)	93.9	(27.5)	89.8	(26.3)	85.7	(25.1)	81.6	(23.9)	77.6	(22.7)	73.6	(21.6)
	-30	(-34.4)	80.5	(23.6)	76.9	(22.5)	73.2	(21.5)	69.6	(20.4)	66.0	(19.3)	62.5	(18.3)
	-35	(-37.2)	68.5	(20.1)	65.3	(19.1)	62.0	(18.2)	58.8	(17.2)	55.7	(16.3)	52.5	(15.4)
	-40	(-40)	57.9	(17)	55.0	(16.1)	52.1	(15.3)	49.3	(14.4)	46.5	(13.6)	43.7	(12.8)

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

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SINGLE WIDE LOW TEMPERATURE - R454A

“L9” R454A - SINGLE WIDE

CONDENSING UNIT MODEL KVS	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVS031L9-A Compressor 6YJNF84KE	0	(-17.8)	217.4	(63.7)	209.0	(61.3)	200.5	(58.8)	192.1	(56.3)	183.6	(53.8)	-	-
	-5	(-20.6)	193.6	(56.7)	185.9	(54.5)	178.2	(52.2)	170.6	(50)	162.9	(47.7)	-	-
	-10	(-23.3)	171.2	(50.2)	164.3	(48.2)	157.4	(46.1)	150.5	(44.1)	143.6	(42.1)	136.7	(40.1)
	-15	(-26.1)	150.4	(44.1)	144.2	(42.3)	138.0	(40.4)	131.8	(38.6)	125.6	(36.8)	119.4	(35)
	-20	(-28.9)	131.2	(38.5)	125.6	(36.8)	120.1	(35.2)	114.5	(33.6)	109.0	(31.9)	103.5	(30.3)
	-25	(-31.7)	113.6	(33.3)	108.6	(31.8)	103.7	(30.4)	98.7	(28.9)	93.8	(27.5)	89.0	(26.1)
	-30	(-34.4)	97.6	(28.6)	93.2	(27.3)	88.8	(26)	84.5	(24.8)	80.1	(23.5)	75.8	(22.2)
	-35	(-37.2)	83.3	(24.4)	79.4	(23.3)	75.5	(22.1)	71.7	(21)	67.9	(19.9)	64.1	(18.8)
	-40	(-40)	70.7	(20.7)	67.2	(19.7)	63.8	(18.7)	60.5	(17.7)	57.1	(16.7)	53.9	(15.8)
KVS040L9-A Compressor 6YUNF10ME	0	(-17.8)	252.8	(74.1)	242.9	(71.2)	233.0	(68.3)	223.1	(65.4)	-	-	-	-
	-5	(-20.6)	225.5	(66.1)	216.5	(63.5)	207.5	(60.8)	198.6	(58.2)	189.6	(55.6)	-	-
	-10	(-23.3)	199.9	(58.6)	191.7	(56.2)	183.6	(53.8)	175.5	(51.4)	167.5	(49.1)	-	-
	-15	(-26.1)	175.9	(51.6)	168.6	(49.4)	161.3	(47.3)	154.0	(45.1)	146.8	(43)	139.6	(40.9)
	-20	(-28.9)	153.7	(45)	147.1	(43.1)	140.6	(41.2)	134.1	(39.3)	127.6	(37.4)	121.2	(35.5)
	-25	(-31.7)	133.3	(39.1)	127.4	(37.3)	121.6	(35.6)	115.8	(33.9)	110.1	(32.3)	104.4	(30.6)
	-30	(-34.4)	114.8	(33.6)	109.6	(32.1)	104.4	(30.6)	99.2	(29.1)	94.1	(27.6)	89.1	(26.1)
	-35	(-37.2)	98.1	(28.8)	93.5	(27.4)	88.9	(26.1)	84.4	(24.7)	79.9	(23.4)	75.5	(22.1)
	-40	(-40)	83.4	(24.4)	79.3	(23.2)	75.3	(22.1)	71.3	(20.9)	67.4	(19.8)	63.6	(18.6)

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

SINGLE WIDE LOW TEMPERATURE - R454C

“L9” R454C - SINGLE WIDE

CONDENSING UNIT MODEL KVS	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454C-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVS011L9-A Compressor 3YS3F33KE	0	(-17.8)	74.5	(21.8)	71.6	(21)	68.7	(20.1)	65.8	(19.3)	62.8	(18.4)	59.9	(17.6)
	-5	(-20.6)	66.0	(19.3)	63.3	(18.6)	60.7	(17.8)	58.0	(17)	55.3	(16.2)	52.7	(15.4)
	-10	(-23.3)	58.0	(17)	55.6	(16.3)	53.2	(15.6)	50.8	(14.9)	48.4	(14.2)	46.0	(13.5)
	-15	(-26.1)	50.6	(14.8)	48.5	(14.2)	46.3	(13.6)	44.2	(13)	42.0	(12.3)	39.9	(11.7)
	-20	(-28.9)	43.8	(12.8)	41.9	(12.3)	40.0	(11.7)	38.1	(11.2)	36.2	(10.6)	34.4	(10.1)
	-25	(-31.7)	37.7	(11)	36.0	(10.6)	34.3	(10.1)	32.6	(9.6)	31.0	(9.1)	29.4	(8.6)
	-30	(-34.4)	32.1	(9.4)	30.6	(9)	29.2	(8.6)	27.7	(8.1)	26.3	(7.7)	24.9	(7.3)
	-35	(-37.2)	27.2	(8)	25.9	(7.6)	24.6	(7.2)	23.4	(6.9)	22.2	(6.5)	21.0	(6.2)
	-40	(-40)	22.9	(6.7)	21.8	(6.4)	20.7	(6.1)	19.7	(5.8)	18.7	(5.5)	17.7	(5.2)
KVS016L9-A Compressor 4YHNF46KE	0	(-17.8)	108.6	(31.8)	104.5	(30.6)	100.3	(29.4)	96.1	(28.2)	91.8	(26.9)	87.6	(25.7)
	-5	(-20.6)	96.1	(28.2)	92.4	(27.1)	88.6	(26)	84.8	(24.9)	80.9	(23.7)	77.1	(22.6)
	-10	(-23.3)	84.5	(24.8)	81.1	(23.8)	77.7	(22.8)	74.3	(21.8)	70.8	(20.8)	67.4	(19.8)
	-15	(-26.1)	73.8	(21.6)	70.7	(20.7)	67.7	(19.8)	64.6	(18.9)	61.5	(18)	58.4	(17.1)
	-20	(-28.9)	63.9	(18.7)	61.2	(17.9)	58.5	(17.1)	55.7	(16.3)	53.0	(15.5)	50.3	(14.7)
	-25	(-31.7)	54.9	(16.1)	52.5	(15.4)	50.1	(14.7)	47.7	(14)	45.3	(13.3)	42.9	(12.6)
	-30	(-34.4)	46.8	(13.7)	44.7	(13.1)	42.6	(12.5)	40.5	(11.9)	38.4	(11.3)	36.3	(10.6)
	-35	(-37.2)	39.6	(11.6)	37.7	(11)	35.9	(10.5)	34.1	(10)	32.3	(9.5)	30.5	(8.9)
	-40	(-40)	33.3	(9.8)	31.6	(9.3)	30.1	(8.8)	28.5	(8.4)	27.0	(7.9)	25.5	(7.5)
vVS023L9-A Compressor 4YHNF46KE	0	(-17.8)	131.2	(38.5)	126.1	(37)	121.0	(35.5)	115.9	(34)	110.7	(32.4)	105.5	(30.9)
	-5	(-20.6)	116.4	(34.1)	111.8	(32.8)	107.1	(31.4)	102.5	(30)	97.8	(28.7)	93.1	(27.3)
	-10	(-23.3)	102.5	(30)	98.4	(28.8)	94.2	(27.6)	90.0	(26.4)	85.8	(25.1)	81.5	(23.9)
	-15	(-26.1)	89.7	(26.3)	85.9	(25.2)	82.2	(24.1)	78.4	(23)	74.6	(21.9)	70.9	(20.8)
	-20	(-28.9)	77.8	(22.8)	74.5	(21.8)	71.1	(20.8)	67.8	(19.9)	64.5	(18.9)	61.1	(17.9)
	-25	(-31.7)	67.0	(19.6)	64.1	(18.8)	61.1	(17.9)	58.2	(17.1)	55.2	(16.2)	52.3	(15.3)
	-30	(-34.4)	57.3	(16.8)	54.7	(16)	52.1	(15.3)	49.5	(14.5)	47.0	(13.8)	44.5	(13)
	-35	(-37.2)	48.6	(14.2)	46.3	(13.6)	44.1	(12.9)	41.9	(12.3)	39.7	(11.6)	37.5	(11)
	-40	(-40)	40.9	(12)	39.0	(11.4)	37.1	(10.9)	35.2	(10.3)	33.4	(9.8)	31.6	(9.3)
KVS028L9-A Compressor 6YHNF68KE	0	(-17.8)	155.0	(45.4)	148.9	(43.6)	142.8	(41.9)	136.6	(40)	130.4	(38.2)	124.2	(36.4)
	-5	(-20.6)	137.5	(40.3)	132.0	(38.7)	126.4	(37)	120.8	(35.4)	115.2	(33.8)	109.6	(32.1)
	-10	(-23.3)	121.1	(35.5)	116.2	(34.1)	111.1	(32.6)	106.1	(31.1)	101.1	(29.6)	96.0	(28.1)
	-15	(-26.1)	106.0	(31.1)	101.5	(29.7)	97.0	(28.4)	92.5	(27.1)	88.0	(25.8)	83.5	(24.5)
	-20	(-28.9)	92.0	(27)	88.0	(25.8)	84.1	(24.6)	80.1	(23.5)	76.1	(22.3)	72.1	(21.1)
	-25	(-31.7)	79.3	(23.2)	75.8	(22.2)	72.2	(21.2)	68.7	(20.1)	65.3	(19.1)	61.8	(18.1)
	-30	(-34.4)	67.8	(19.9)	64.7	(19)	61.6	(18.1)	58.5	(17.1)	55.5	(16.3)	52.6	(15.4)
	-35	(-37.2)	57.5	(16.9)	54.8	(16.1)	52.1	(15.3)	49.5	(14.5)	46.9	(13.7)	44.4	(13)
	-40	(-40)	48.4	(14.2)	46.1	(13.5)	43.8	(12.8)	41.6	(12.2)	39.4	(11.5)	37.3	(10.9)

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

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SINGLE WIDE LOW TEMPERATURE - R454C

“L9” R454C - SINGLE WIDE

CONDENSING UNIT MODEL KVS	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454C-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
	KVS031L9-A Compressor 6YJNF84KE	0	(-17.8)	186.5	(54.7)	179.1	(52.5)	171.6	(50.3)	164.1	(48.1)	156.6	(45.9)	-
-5		(-20.6)	165.7	(48.6)	159.0	(46.6)	152.2	(44.6)	145.4	(42.6)	138.5	(40.6)	131.7	(38.6)
-10		(-23.3)	146.2	(42.8)	140.2	(41.1)	134.0	(39.3)	127.9	(37.5)	121.8	(35.7)	115.6	(33.9)
-15		(-26.1)	128.2	(37.6)	122.7	(36)	117.2	(34.3)	111.8	(32.8)	106.3	(31.2)	100.8	(29.5)
-20		(-28.9)	111.5	(32.7)	106.6	(31.2)	101.8	(29.8)	96.9	(28.4)	92.1	(27)	87.3	(25.6)
-25		(-31.7)	96.2	(28.2)	92.0	(27)	87.7	(25.7)	83.4	(24.4)	79.2	(23.2)	75.0	(22)
-30		(-34.4)	82.4	(24.2)	78.7	(23.1)	74.9	(22)	71.3	(20.9)	67.6	(19.8)	64.0	(18.8)
-35		(-37.2)	70.1	(20.5)	66.8	(19.6)	63.6	(18.6)	60.4	(17.7)	57.3	(16.8)	54.3	(15.9)
-40		(-40)	59.2	(17.4)	56.4	(16.5)	53.6	(15.7)	51.0	(14.9)	48.4	(14.2)	45.9	(13.5)
KVS041L9-A Compressor 6YUNF10ME	0	(-17.8)	226.6	(66.4)	217.9	(63.9)	209.2	(61.3)	200.4	(58.7)	191.6	(56.2)	-	-
	-5	(-20.6)	200.9	(58.9)	193.0	(56.6)	185.1	(54.2)	177.1	(51.9)	169.2	(49.6)	161.2	(47.2)
	-10	(-23.3)	177.1	(51.9)	169.9	(49.8)	162.7	(47.7)	155.6	(45.6)	148.4	(43.5)	141.2	(41.4)
	-15	(-26.1)	155.0	(45.4)	148.6	(43.6)	142.1	(41.6)	135.7	(39.8)	129.3	(37.9)	122.9	(36)
	-20	(-28.9)	134.8	(39.5)	129.0	(37.8)	123.3	(36.1)	117.5	(34.4)	111.8	(32.8)	106.1	(31.1)
	-25	(-31.7)	116.4	(34.1)	111.3	(32.6)	106.2	(31.1)	101.1	(29.6)	96.0	(28.1)	91.0	(26.7)
	-30	(-34.4)	99.8	(29.2)	95.2	(27.9)	90.8	(26.6)	86.3	(25.3)	81.9	(24)	77.5	(22.7)
	-35	(-37.2)	84.9	(24.9)	81.0	(23.7)	77.1	(22.6)	73.2	(21.5)	69.4	(20.3)	65.7	(19.3)
	-40	(-40)	71.9	(21.1)	68.5	(20.1)	65.1	(19.1)	61.8	(18.1)	58.6	(17.2)	55.4	(16.2)

SINGLE WIDE LOW TEMPERATURE - R455A

“L9” R455A - SINGLE WIDE

CONDENSING UNIT MODEL KVS	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 455A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVS010L9-A Compressor 3YS3F33KE	0	(-17.8)	76.5	(22.4)	73.4	(21.5)	70.2	(20.6)	67.1	(19.7)	63.9	(18.7)	-	-
	-5	(-20.6)	67.7	(19.8)	64.9	(19)	62.0	(18.2)	59.1	(17.3)	56.3	(16.5)	-	-
	-10	(-23.3)	59.5	(17.4)	56.9	(16.7)	54.3	(15.9)	51.8	(15.2)	49.2	(14.4)	-	-
	-15	(-26.1)	51.9	(15.2)	49.6	(14.5)	47.3	(13.9)	45.0	(13.2)	42.7	(12.5)	40.4	(11.8)
	-20	(-28.9)	44.9	(13.2)	42.8	(12.5)	40.8	(12)	38.7	(11.3)	36.7	(10.8)	34.7	(10.2)
	-25	(-31.7)	38.5	(11.3)	36.7	(10.8)	34.9	(10.2)	33.1	(9.7)	31.3	(9.2)	29.6	(8.7)
	-30	(-34.4)	32.8	(9.6)	31.2	(9.1)	29.6	(8.7)	28.0	(8.2)	26.5	(7.8)	25.0	(7.3)
	-35	(-37.2)	27.6	(8.1)	26.2	(7.7)	24.9	(7.3)	23.5	(6.9)	22.2	(6.5)	21.0	(6.2)
	-40	(-40)	23.1	(6.8)	21.9	(6.4)	20.8	(6.1)	19.6	(5.7)	18.5	(5.4)	17.5	(5.1)
KVS015L9-A Compressor 4YHNF46KE	0	(-17.8)	106.5	(31.2)	102.1	(29.9)	97.6	(28.6)	93.2	(27.3)	-	-	-	-
	-5	(-20.6)	94.5	(27.7)	90.5	(26.5)	86.5	(25.4)	82.5	(24.2)	78.4	(23)	-	-
	-10	(-23.3)	83.3	(24.4)	79.7	(23.4)	76.0	(22.3)	72.4	(21.2)	68.8	(20.2)	-	-
	-15	(-26.1)	72.8	(21.3)	69.6	(20.4)	66.3	(19.4)	63.1	(18.5)	59.8	(17.5)	-	-
	-20	(-28.9)	63.2	(18.5)	60.3	(17.7)	57.3	(16.8)	54.5	(16)	51.6	(15.1)	48.7	(14.3)
	-25	(-31.7)	54.3	(15.9)	51.7	(15.2)	49.1	(14.4)	46.6	(13.7)	44.0	(12.9)	41.5	(12.2)
	-30	(-34.4)	46.3	(13.6)	44.0	(12.9)	41.7	(12.2)	39.4	(11.5)	37.2	(10.9)	35.0	(10.3)
	-35	(-37.2)	39.1	(11.5)	37.1	(10.9)	35.1	(10.3)	33.1	(9.7)	31.2	(9.1)	29.3	(8.6)
	-40	(-40)	32.7	(9.6)	31.0	(9.1)	29.2	(8.6)	27.5	(8.1)	25.8	(7.6)	24.2	(7.1)
KVS022L9-A Compressor 4YJNF59KE	0	(-17.8)	133.1	(39)	127.7	(37.4)	122.2	(35.8)	116.7	(34.2)	111.2	(32.6)	-	-
	-5	(-20.6)	118.2	(34.6)	113.2	(33.2)	108.3	(31.7)	103.3	(30.3)	98.3	(28.8)	-	-
	-10	(-23.3)	104.2	(30.5)	99.7	(29.2)	95.2	(27.9)	90.7	(26.6)	86.2	(25.3)	-	-
	-15	(-26.1)	91.1	(26.7)	87.1	(25.5)	83.1	(24.4)	79.1	(23.2)	75.1	(22)	71.1	(20.8)
	-20	(-28.9)	79.1	(23.2)	75.5	(22.1)	71.9	(21.1)	68.4	(20)	64.8	(19)	61.3	(18)
	-25	(-31.7)	68.1	(20)	64.9	(19)	61.8	(18.1)	58.6	(17.2)	55.5	(16.3)	52.4	(15.4)
	-30	(-34.4)	58.1	(17)	55.3	(16.2)	52.6	(15.4)	49.8	(14.6)	47.1	(13.8)	44.4	(13)
	-35	(-37.2)	49.3	(14.4)	46.8	(13.7)	44.4	(13)	42.0	(12.3)	39.6	(11.6)	37.3	(10.9)
	-40	(-40)	41.4	(12.1)	39.3	(11.5)	37.2	(10.9)	35.2	(10.3)	33.2	(9.7)	31.2	(9.1)
KVS027L9-A Compressor 6YHNF68KE	0	(-17.8)	159.0	(46.6)	152.5	(44.7)	145.9	(42.8)	139.4	(40.9)	132.8	(38.9)	-	-
	-5	(-20.6)	141.0	(41.3)	135.1	(39.6)	129.2	(37.9)	123.2	(36.1)	117.3	(34.4)	-	-
	-10	(-23.3)	124.2	(36.4)	118.8	(34.8)	113.5	(33.3)	108.2	(31.7)	102.8	(30.1)	-	-
	-15	(-26.1)	108.6	(31.8)	103.8	(30.4)	99.0	(29)	94.2	(27.6)	89.5	(26.2)	84.8	(24.9)
	-20	(-28.9)	94.2	(27.6)	89.9	(26.3)	85.7	(25.1)	81.4	(23.9)	77.2	(22.6)	73.1	(21.4)
	-25	(-31.7)	81.1	(23.8)	77.3	(22.7)	73.5	(21.5)	69.8	(20.5)	66.1	(19.4)	62.4	(18.3)
	-30	(-34.4)	69.2	(20.3)	65.8	(19.3)	62.5	(18.3)	59.2	(17.4)	56.0	(16.4)	52.8	(15.5)
	-35	(-37.2)	58.5	(17.1)	55.6	(16.3)	52.7	(15.4)	49.8	(14.6)	47.0	(13.8)	44.3	(13)
	-40	(-40)	49.1	(14.4)	46.5	(13.6)	44.0	(12.9)	41.5	(12.2)	39.1	(11.5)	36.8	(10.8)

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

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SINGLE WIDE LOW TEMPERATURE - R455A

“L9” R455A - SINGLE WIDE

CONDENSING UNIT MODEL KVS	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 455A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVS030L9-A Compressor 6YJNF84KE	0	(-17.8)	190.2	(55.7)	182.4	(53.5)	174.5	(51.1)	166.6	(48.8)	-	-	-	-
	-5	(-20.6)	169.0	(49.5)	161.9	(47.5)	154.7	(45.3)	147.6	(43.3)	-	-	-	-
	-10	(-23.3)	149.2	(43.7)	142.7	(41.8)	136.3	(39.9)	129.8	(38)	123.4	(36.2)	-	-
	-15	(-26.1)	130.7	(38.3)	124.9	(36.6)	119.1	(34.9)	113.3	(33.2)	107.6	(31.5)	-	-
	-20	(-28.9)	113.6	(33.3)	108.4	(31.8)	103.3	(30.3)	98.2	(28.8)	93.1	(27.3)	-	-
	-25	(-31.7)	98.0	(28.7)	93.4	(27.4)	88.9	(26.1)	84.3	(24.7)	79.9	(23.4)	75.5	(22.1)
	-30	(-34.4)	83.9	(24.6)	79.8	(23.4)	75.8	(22.2)	71.9	(21.1)	68.0	(19.9)	64.2	(18.8)
	-35	(-37.2)	71.2	(20.9)	67.7	(19.8)	64.3	(18.8)	60.9	(17.8)	57.5	(16.9)	54.3	(15.9)
KVS040L9-A Compressor 6YUNF10ME	0	(-17.8)	226.2	(66.3)	216.9	(63.6)	207.5	(60.8)	198.2	(58.1)	-	-	-	-
	-5	(-20.6)	201.1	(58.9)	192.7	(56.5)	184.2	(54)	175.7	(51.5)	-	-	-	-
	-10	(-23.3)	177.6	(52.1)	170.0	(49.8)	162.3	(47.6)	154.7	(45.3)	147.1	(43.1)	-	-
	-15	(-26.1)	155.7	(45.6)	148.9	(43.6)	142.0	(41.6)	135.2	(39.6)	128.4	(37.6)	-	-
	-20	(-28.9)	135.5	(39.7)	129.4	(37.9)	123.3	(36.1)	117.2	(34.3)	111.1	(32.6)	-	-
	-25	(-31.7)	117.0	(34.3)	111.6	(32.7)	106.2	(31.1)	100.8	(29.5)	95.5	(28)	90.2	(26.4)
	-30	(-34.4)	100.3	(29.4)	95.5	(28)	90.7	(26.6)	86.0	(25.2)	81.4	(23.9)	76.8	(22.5)
	-35	(-37.2)	85.3	(25)	81.1	(23.8)	76.9	(22.5)	72.9	(21.4)	68.9	(20.2)	64.9	(19)
	-40	(-40)	72.1	(21.1)	68.5	(20.1)	64.9	(19)	61.4	(18)	58.0	(17)	54.7	(16)

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

LOW TEMPERATURE w/ 850RPM EC MOTOR(S) - R454A

“D9” R454A - SINGLE WIDE

CONDENSING UNIT MODEL KVS	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVS011D9-A Compressor 3YS3F33KE	0	(-17.8)	86.1	(25.2)	82.7	(24.2)	79.3	(23.2)	75.9	(22.2)	72.5	(21.2)	-	-
	-5	(-20.6)	76.4	(22.4)	73.3	(21.5)	70.2	(20.6)	67.2	(19.7)	64.1	(18.8)	61.0	(17.9)
	-10	(-23.3)	67.4	(19.8)	64.6	(18.9)	61.8	(18.1)	59.0	(17.3)	56.2	(16.5)	53.5	(15.7)
	-15	(-26.1)	59.0	(17.3)	56.5	(16.6)	54.0	(15.8)	51.5	(15.1)	49.0	(14.4)	46.6	(13.7)
	-20	(-28.9)	51.3	(15)	49.0	(14.4)	46.8	(13.7)	44.6	(13.1)	42.4	(12.4)	40.2	(11.8)
	-25	(-31.7)	44.2	(13)	42.2	(12.4)	40.2	(11.8)	38.3	(11.2)	36.3	(10.6)	34.4	(10.1)
	-30	(-34.4)	37.8	(11.1)	36.0	(10.6)	34.3	(10.1)	32.5	(9.5)	30.8	(9)	29.1	(8.5)
	-35	(-37.2)	32.0	(9.4)	30.4	(8.9)	28.9	(8.5)	27.4	(8)	25.9	(7.6)	24.4	(7.2)
	-40	(-40)	26.9	(7.9)	25.5	(7.5)	24.1	(7.1)	22.8	(6.7)	21.5	(6.3)	20.2	(5.9)
KVS016D9-A Compressor 4YHNF46KE	0	(-17.8)	125.1	(36.7)	120.3	(35.3)	115.5	(33.9)	110.6	(32.4)	105.8	(31)	100.9	(29.6)
	-5	(-20.6)	111.1	(32.6)	106.8	(31.3)	102.4	(30)	98.0	(28.7)	93.6	(27.4)	89.2	(26.1)
	-10	(-23.3)	98.0	(28.7)	94.1	(27.6)	90.1	(26.4)	86.2	(25.3)	82.2	(24.1)	78.3	(22.9)
	-15	(-26.1)	85.8	(25.1)	82.3	(24.1)	78.7	(23.1)	75.2	(22)	71.6	(21)	68.1	(20)
	-20	(-28.9)	74.6	(21.9)	71.4	(20.9)	68.2	(20)	65.0	(19.1)	61.9	(18.1)	58.7	(17.2)
	-25	(-31.7)	64.3	(18.8)	61.4	(18)	58.6	(17.2)	55.8	(16.4)	52.9	(15.5)	50.1	(14.7)
	-30	(-34.4)	54.9	(16.1)	52.4	(15.4)	49.9	(14.6)	47.4	(13.9)	44.9	(13.2)	42.4	(12.4)
	-35	(-37.2)	46.5	(13.6)	44.3	(13)	42.1	(12.3)	39.8	(11.7)	37.6	(11)	35.5	(10.4)
	-40	(-40)	39.2	(11.5)	37.2	(10.9)	35.2	(10.3)	33.3	(9.8)	31.3	(9.2)	29.4	(8.6)
KVS023D9-A Compressor 4YHNF46KE	0	(-17.8)	151.3	(44.3)	145.5	(42.6)	139.6	(40.9)	133.7	(39.2)	127.8	(37.5)	-	-
	-5	(-20.6)	134.6	(39.4)	129.3	(37.9)	123.9	(36.3)	118.6	(34.8)	113.2	(33.2)	107.9	(31.6)
	-10	(-23.3)	118.9	(34.8)	114.1	(33.4)	109.3	(32)	104.5	(30.6)	99.6	(29.2)	94.8	(27.8)
	-15	(-26.1)	104.4	(30.6)	100.0	(29.3)	95.7	(28)	91.4	(26.8)	87.0	(25.5)	82.7	(24.2)
	-20	(-28.9)	90.9	(26.6)	87.0	(25.5)	83.1	(24.4)	79.3	(23.2)	75.4	(22.1)	71.6	(21)
	-25	(-31.7)	78.6	(23)	75.1	(22)	71.7	(21)	68.2	(20)	64.8	(19)	61.4	(18)
	-30	(-34.4)	67.4	(19.8)	64.3	(18.8)	61.2	(17.9)	58.2	(17.1)	55.2	(16.2)	52.2	(15.3)
	-35	(-37.2)	57.3	(16.8)	54.6	(16)	51.9	(15.2)	49.3	(14.4)	46.6	(13.7)	44.1	(12.9)
	-40	(-40)	48.5	(14.2)	46.1	(13.5)	43.7	(12.8)	41.4	(12.1)	39.1	(11.5)	36.9	(10.8)
KVS028D9-A Compressor 6YHNF68KE	0	(-17.8)	178.3	(52.3)	171.3	(50.2)	164.3	(48.2)	157.3	(46.1)	150.3	(44.1)	-	-
	-5	(-20.6)	158.6	(46.5)	152.3	(44.6)	146.0	(42.8)	139.6	(40.9)	133.3	(39.1)	127.0	(37.2)
	-10	(-23.3)	140.2	(41.1)	134.5	(39.4)	128.8	(37.7)	123.1	(36.1)	117.4	(34.4)	111.8	(32.8)
	-15	(-26.1)	123.1	(36.1)	117.9	(34.6)	112.8	(33.1)	107.7	(31.6)	102.7	(30.1)	97.6	(28.6)
	-20	(-28.9)	107.2	(31.4)	102.6	(30.1)	98.1	(28.8)	93.5	(27.4)	89.0	(26.1)	84.5	(24.8)
	-25	(-31.7)	92.7	(27.2)	88.6	(26)	84.6	(24.8)	80.5	(23.6)	76.5	(22.4)	72.5	(21.2)
	-30	(-34.4)	79.5	(23.3)	75.9	(22.2)	72.3	(21.2)	68.7	(20.1)	65.1	(19.1)	61.6	(18.1)
	-35	(-37.2)	67.7	(19.8)	64.5	(18.9)	61.3	(18)	58.1	(17)	54.9	(16.1)	51.8	(15.2)
	-40	(-40)	57.3	(16.8)	54.4	(15.9)	51.5	(15.1)	48.7	(14.3)	45.9	(13.5)	43.2	(12.7)

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

LOW TEMPERATURE w/ 850RPM EC MOTOR(S) - R454C

"D9" R454C - SINGLE WIDE

CONDENSING UNIT MODEL KVS	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454C-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVS011D9-A Compressor 3YS3F33KE	0	(-17.8)	73.4	(21.5)	70.5	(20.7)	67.6	(19.8)	64.7	(19)	61.8	(18.1)	58.8	(17.2)
	-5	(-20.6)	65.0	(19.1)	62.4	(18.3)	59.7	(17.5)	57.1	(16.7)	54.4	(15.9)	51.8	(15.2)
	-10	(-23.3)	57.2	(16.8)	54.8	(16.1)	52.4	(15.4)	50.0	(14.7)	47.7	(14)	45.3	(13.3)
	-15	(-26.1)	49.9	(14.6)	47.8	(14)	45.7	(13.4)	43.5	(12.7)	41.4	(12.1)	39.3	(11.5)
	-20	(-28.9)	43.3	(12.7)	41.4	(12.1)	39.5	(11.6)	37.6	(11)	35.7	(10.5)	33.9	(9.9)
	-25	(-31.7)	37.2	(10.9)	35.5	(10.4)	33.9	(9.9)	32.2	(9.4)	30.6	(9)	29.0	(8.5)
	-30	(-34.4)	31.8	(9.3)	30.3	(8.9)	28.8	(8.4)	27.4	(8)	26.0	(7.6)	24.6	(7.2)
	-35	(-37.2)	26.9	(7.9)	25.6	(7.5)	24.4	(7.2)	23.2	(6.8)	22.0	(6.4)	20.8	(6.1)
	-40	(-40)	22.7	(6.7)	21.6	(6.3)	20.5	(6)	19.5	(5.7)	18.5	(5.4)	17.6	(5.2)
KVS016D9-A Compressor 4YHNF46KE	0	(-17.8)	107.5	(31.5)	103.3	(30.3)	99.2	(29.1)	95.0	(27.8)	90.7	(26.6)	86.5	(25.4)
	-5	(-20.6)	95.2	(27.9)	91.4	(26.8)	87.6	(25.7)	83.8	(24.6)	80.0	(23.4)	76.2	(22.3)
	-10	(-23.3)	83.7	(24.5)	80.3	(23.5)	76.9	(22.5)	73.5	(21.5)	70.1	(20.5)	66.6	(19.5)
	-15	(-26.1)	73.1	(21.4)	70.1	(20.5)	67.0	(19.6)	64.0	(18.8)	60.9	(17.8)	57.8	(16.9)
	-20	(-28.9)	63.4	(18.6)	60.7	(17.8)	57.9	(17)	55.2	(16.2)	52.5	(15.4)	49.8	(14.6)
	-25	(-31.7)	54.5	(16)	52.1	(15.3)	49.7	(14.6)	47.3	(13.9)	44.9	(13.2)	42.5	(12.5)
	-30	(-34.4)	46.5	(13.6)	44.3	(13)	42.2	(12.4)	40.1	(11.8)	38.1	(11.2)	36.0	(10.6)
	-35	(-37.2)	39.3	(11.5)	37.5	(11)	35.6	(10.4)	33.8	(9.9)	32.0	(9.4)	30.3	(8.9)
	-40	(-40)	33.0	(9.7)	31.4	(9.2)	29.9	(8.8)	28.3	(8.3)	26.8	(7.9)	25.4	(7.4)
KVS023D9-A Compressor 4YHNF46KE	0	(-17.8)	129.6	(38)	124.5	(36.5)	119.5	(35)	114.3	(33.5)	109.2	(32)	104.0	(30.5)
	-5	(-20.6)	115.0	(33.7)	110.4	(32.4)	105.8	(31)	101.2	(29.7)	96.5	(28.3)	91.8	(26.9)
	-10	(-23.3)	101.4	(29.7)	97.2	(28.5)	93.1	(27.3)	88.9	(26.1)	84.7	(24.8)	80.5	(23.6)
	-15	(-26.1)	88.7	(26)	85.0	(24.9)	81.3	(23.8)	77.5	(22.7)	73.8	(21.6)	70.0	(20.5)
	-20	(-28.9)	77.1	(22.6)	73.7	(21.6)	70.4	(20.6)	67.1	(19.7)	63.8	(18.7)	60.4	(17.7)
	-25	(-31.7)	66.4	(19.5)	63.4	(18.6)	60.5	(17.7)	57.6	(16.9)	54.7	(16)	51.8	(15.2)
	-30	(-34.4)	56.8	(16.6)	54.2	(15.9)	51.6	(15.1)	49.0	(14.4)	46.5	(13.6)	44.0	(12.9)
	-35	(-37.2)	48.2	(14.1)	45.9	(13.5)	43.7	(12.8)	41.5	(12.2)	39.3	(11.5)	37.2	(10.9)
	-40	(-40)	40.6	(11.9)	38.7	(11.3)	36.8	(10.8)	34.9	(10.2)	33.1	(9.7)	31.4	(9.2)
KVS028D9-A Compressor 6YHNF68KE	0	(-17.8)	152.5	(44.7)	146.5	(42.9)	140.3	(41.1)	134.2	(39.3)	128.0	(37.5)	-	-
	-5	(-20.6)	135.4	(39.7)	129.9	(38.1)	124.4	(36.5)	118.8	(34.8)	113.2	(33.2)	107.6	(31.5)
	-10	(-23.3)	119.4	(35)	114.4	(33.5)	109.5	(32.1)	104.5	(30.6)	99.4	(29.1)	94.4	(27.7)
	-15	(-26.1)	104.6	(30.7)	100.1	(29.3)	95.6	(28)	91.2	(26.7)	86.7	(25.4)	82.2	(24.1)
	-20	(-28.9)	90.9	(26.6)	86.9	(25.5)	82.9	(24.3)	79.0	(23.2)	75.0	(22)	71.1	(20.8)
	-25	(-31.7)	78.3	(22.9)	74.8	(21.9)	71.3	(20.9)	67.8	(19.9)	64.4	(18.9)	61.0	(17.9)
	-30	(-34.4)	67.0	(19.6)	63.9	(18.7)	60.9	(17.8)	57.8	(16.9)	54.8	(16.1)	51.9	(15.2)
	-35	(-37.2)	56.9	(16.7)	54.2	(15.9)	51.5	(15.1)	48.9	(14.3)	46.4	(13.6)	43.9	(12.9)
	-40	(-40)	47.9	(14)	45.6	(13.4)	43.4	(12.7)	41.2	(12.1)	39.0	(11.4)	37.0	(10.8)

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

LOW TEMPERATURE w/ 850RPM EC MOTOR(S) - R455A

“D9” R455A - SINGLE WIDE

CONDENSING UNIT MODEL KVS	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 455A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVS011D9-A Compressor 3YS3F33KE	0	(-17.8)	76.7	(22.5)	73.6	(21.6)	70.4	(20.6)	67.2	(19.7)	64.1	(18.8)	-	-
	-5	(-20.6)	67.9	(19.9)	65.0	(19.1)	62.2	(18.2)	59.3	(17.4)	56.4	(16.5)	-	-
	-10	(-23.3)	59.6	(17.5)	57.1	(16.7)	54.5	(16)	51.9	(15.2)	49.3	(14.4)	46.8	(13.7)
	-15	(-26.1)	52.0	(15.2)	49.7	(14.6)	47.4	(13.9)	45.1	(13.2)	42.8	(12.5)	40.5	(11.9)
	-20	(-28.9)	45.0	(13.2)	42.9	(12.6)	40.9	(12)	38.8	(11.4)	36.8	(10.8)	34.8	(10.2)
	-25	(-31.7)	38.6	(11.3)	36.8	(10.8)	35.0	(10.3)	33.2	(9.7)	31.4	(9.2)	29.7	(8.7)
	-30	(-34.4)	32.8	(9.6)	31.2	(9.1)	29.6	(8.7)	28.1	(8.2)	26.6	(7.8)	25.1	(7.4)
	-35	(-37.2)	27.7	(8.1)	26.3	(7.7)	24.9	(7.3)	23.6	(6.9)	22.3	(6.5)	21.0	(6.2)
	-40	(-40)	23.2	(6.8)	22.0	(6.4)	20.8	(6.1)	19.7	(5.8)	18.6	(5.5)	17.5	(5.1)
KVS016D9-A Compressor 4YHNF46KE	0	(-17.8)	112.4	(32.9)	107.9	(31.6)	103.4	(30.3)	98.9	(29)	94.3	(27.6)	-	-
	-5	(-20.6)	99.5	(29.2)	95.4	(28)	91.3	(26.8)	87.2	(25.6)	83.1	(24.4)	79.0	(23.2)
	-10	(-23.3)	87.4	(25.6)	83.7	(24.5)	80.0	(23.4)	76.4	(22.4)	72.7	(21.3)	69.0	(20.2)
	-15	(-26.1)	76.2	(22.3)	72.9	(21.4)	69.6	(20.4)	66.3	(19.4)	63.0	(18.5)	59.7	(17.5)
	-20	(-28.9)	66.0	(19.3)	63.0	(18.5)	60.1	(17.6)	57.1	(16.7)	54.2	(15.9)	51.2	(15)
	-25	(-31.7)	56.6	(16.6)	54.0	(15.8)	51.3	(15)	48.7	(14.3)	46.1	(13.5)	43.6	(12.8)
	-30	(-34.4)	48.1	(14.1)	45.8	(13.4)	43.5	(12.7)	41.2	(12.1)	38.9	(11.4)	36.7	(10.8)
	-35	(-37.2)	40.6	(11.9)	38.5	(11.3)	36.5	(10.7)	34.5	(10.1)	32.5	(9.5)	30.5	(8.9)
	-40	(-40)	33.9	(9.9)	32.1	(9.4)	30.4	(8.9)	28.6	(8.4)	26.9	(7.9)	25.2	(7.4)
KVS023D9-A Compressor 4YHNF46KE	0	(-17.8)	135.2	(39.6)	129.7	(38)	124.2	(36.4)	118.7	(34.8)	113.2	(33.2)	-	-
	-5	(-20.6)	119.9	(35.1)	114.9	(33.7)	109.9	(32.2)	104.9	(30.7)	99.9	(29.3)	-	-
	-10	(-23.3)	105.6	(30.9)	101.1	(29.6)	96.6	(28.3)	92.1	(27)	87.6	(25.7)	-	-
	-15	(-26.1)	92.3	(27.1)	88.3	(25.9)	84.2	(24.7)	80.2	(23.5)	76.2	(22.3)	72.2	(21.2)
	-20	(-28.9)	80.1	(23.5)	76.5	(22.4)	72.9	(21.4)	69.3	(20.3)	65.7	(19.3)	62.1	(18.2)
	-25	(-31.7)	68.9	(20.2)	65.7	(19.3)	62.5	(18.3)	59.3	(17.4)	56.2	(16.5)	53.1	(15.6)
	-30	(-34.4)	58.8	(17.2)	56.0	(16.4)	53.2	(15.6)	50.4	(14.8)	47.6	(14)	44.9	(13.2)
	-35	(-37.2)	49.8	(14.6)	47.3	(13.9)	44.9	(13.2)	42.5	(12.5)	40.1	(11.8)	37.8	(11.1)
	-40	(-40)	41.8	(12.3)	39.7	(11.6)	37.6	(11)	35.6	(10.4)	33.5	(9.8)	31.6	(9.3)
KVS028D9-A Compressor 6YHNF68KE	0	(-17.8)	159.1	(46.6)	152.6	(44.7)	146.1	(42.8)	139.5	(40.9)	132.9	(39)	-	-
	-5	(-20.6)	141.1	(41.4)	135.2	(39.6)	129.2	(37.9)	123.3	(36.1)	117.4	(34.4)	-	-
	-10	(-23.3)	124.3	(36.4)	118.9	(34.8)	113.6	(33.3)	108.2	(31.7)	102.9	(30.2)	-	-
	-15	(-26.1)	108.6	(31.8)	103.9	(30.5)	99.1	(29)	94.3	(27.6)	89.6	(26.3)	84.8	(24.9)
	-20	(-28.9)	94.3	(27.6)	90.0	(26.4)	85.7	(25.1)	81.5	(23.9)	77.3	(22.7)	73.1	(21.4)
	-25	(-31.7)	81.1	(23.8)	77.3	(22.7)	73.6	(21.6)	69.8	(20.5)	66.1	(19.4)	62.4	(18.3)
	-30	(-34.4)	69.2	(20.3)	65.9	(19.3)	62.6	(18.3)	59.3	(17.4)	56.0	(16.4)	52.9	(15.5)
	-35	(-37.2)	58.6	(17.2)	55.6	(16.3)	52.7	(15.4)	49.9	(14.6)	47.1	(13.8)	44.3	(13)
	-40	(-40)	49.1	(14.4)	46.6	(13.7)	44.0	(12.9)	41.6	(12.2)	39.2	(11.5)	36.8	(10.8)

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

DOUBLE WIDE HIGH TEMPERATURE - R454A

“H9” R454A - DOUBLE WIDE

CONDENSING UNIT MODEL KVD	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVD031H9-A Compressor 3YS3R16ME	45	(7.2)	468.2	(137.2)	451.8	(132.4)	435.2	(127.5)	418.0	(122.5)	400.4	(117.3)	382.4	(112.1)
	40	(4.4)	427.6	(125.3)	412.4	(120.9)	397.0	(116.3)	381.2	(111.7)	365.0	(107)	348.4	(102.1)
	35	(1.7)	389.4	(114.1)	375.6	(110.1)	361.4	(105.9)	346.8	(101.6)	332.0	(97.3)	316.8	(92.8)
KVD041H9-A Compressor 4YANR15ME	45	(7.2)	497.6	(145.8)	472.8	(138.6)	447.8	(131.2)	423.0	(124)	398.4	(116.8)	374.2	(109.7)
	40	(4.4)	459.6	(134.7)	436.4	(127.9)	413.2	(121.1)	390.0	(114.3)	367.2	(107.6)	344.6	(101)
	35	(1.7)	422.6	(123.9)	401.2	(117.6)	379.6	(111.2)	358.0	(104.9)	336.8	(98.7)	316.0	(92.6)
KVD045H9-A Compressor 4YBNR19ME	45	(7.2)	571.6	(167.5)	551.2	(161.5)	530.4	(155.4)	509.4	(149.3)	487.6	(142.9)	465.6	(136.5)
	40	(4.4)	522.4	(153.1)	503.6	(147.6)	484.4	(142)	465.0	(136.3)	445.0	(130.4)	424.8	(124.5)
	35	(1.7)	476.0	(139.5)	458.8	(134.5)	441.4	(129.4)	423.4	(124.1)	405.0	(118.7)	386.4	(113.2)
KVD051H9-A Compressor 4YHNR22ME	45	(7.2)	671.4	(196.8)	648.0	(189.9)	623.8	(182.8)	599.2	(175.6)	574.0	(168.2)	548.2	(160.7)
	40	(4.4)	613.0	(179.7)	591.4	(173.3)	569.2	(166.8)	546.6	(160.2)	523.4	(153.4)	499.6	(146.4)
	35	(1.7)	558.2	(163.6)	538.4	(157.8)	518.2	(151.9)	497.4	(145.8)	476.0	(139.5)	454.4	(133.2)
KVD061H9-A Compressor 4YJNR27ME	45	(7.2)	821.6	(240.8)	792.4	(232.2)	762.6	(223.5)	732.2	(214.6)	701.2	(205.5)	669.4	(196.2)
	40	(4.4)	749.8	(219.7)	723.0	(211.9)	695.8	(203.9)	667.8	(195.7)	639.2	(187.3)	610.0	(178.8)
	35	(1.7)	682.6	(200)	658.2	(192.9)	633.2	(185.6)	607.6	(178.1)	581.4	(170.4)	554.6	(162.5)
KVD071H9-A Compressor 6YHNR32ME	45	(7.2)	989.6	(290)	955.2	(279.9)	919.8	(269.6)	883.4	(258.9)	846.4	(248.1)	808.4	(236.9)
	40	(4.4)	902.2	(264.4)	870.6	(255.1)	838.0	(245.6)	804.6	(235.8)	770.4	(225.8)	735.4	(215.5)
	35	(1.7)	820.6	(240.5)	791.6	(232)	761.6	(223.2)	731.0	(214.2)	699.6	(205)	667.6	(195.7)
KVD081H9-A Compressor 6YJNR39ME	45	(7.2)	1208.0	(354)	1165.4	(341.5)	1121.8	(328.8)	1077.4	(315.8)	1031.8	(302.4)	985.6	(288.8)
	40	(4.4)	1101.4	(322.8)	1062.2	(311.3)	1022.2	(299.6)	981.2	(287.6)	939.6	(275.4)	897.0	(262.9)
	35	(1.7)	1001.8	(293.6)	966.0	(283.1)	929.4	(272.4)	891.8	(261.4)	853.6	(250.2)	814.8	(238.8)

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

DOUBLE WIDE HIGH TEMPERATURE - R454C

“H9” R454C - DOUBLE WIDE

CONDENSING UNIT MODEL KVD	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454C-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
	KVD031H9-A Compressor 3YS3R16ME	45	(7.2)	403.8	(118.3)	389.8	(114.2)	375.4	(110)	360.8	(105.7)	345.8	(101.3)	330.4
40		(4.4)	368.2	(107.9)	355.4	(104.2)	342.2	(100.3)	328.6	(96.3)	314.8	(92.3)	300.6	(88.1)
35		(1.7)	335.0	(98.2)	323.2	(94.7)	311.0	(91.1)	298.4	(87.5)	285.6	(83.7)	272.6	(79.9)
KVD041H9-A Compressor 4YANR15ME	45	(7.2)	451.2	(132.2)	435.4	(127.6)	419.4	(122.9)	403.0	(118.1)	386.2	(113.2)	369.2	(108.2)
	40	(4.4)	411.6	(120.6)	397.2	(116.4)	382.4	(112.1)	367.2	(107.6)	351.6	(103)	336.0	(98.5)
	35	(1.7)	374.6	(109.8)	361.2	(105.9)	347.6	(101.9)	333.6	(97.8)	319.4	(93.6)	305.0	(89.4)
KVD045H9-A Compressor 4YBNR19ME	45	(7.2)	492.6	(144.4)	475.2	(139.3)	457.6	(134.1)	439.6	(128.8)	421.2	(123.4)	402.4	(117.9)
	40	(4.4)	449.6	(131.8)	433.6	(127.1)	417.2	(122.3)	400.6	(117.4)	383.6	(112.4)	366.2	(107.3)
	35	(1.7)	409.2	(119.9)	394.6	(115.6)	379.4	(111.2)	364.2	(106.7)	348.6	(102.2)	332.6	(97.5)
KVD051H9-A Compressor 4YHNR22ME	45	(7.2)	577.6	(169.3)	557.6	(163.4)	537.4	(157.5)	516.6	(151.4)	495.2	(145.1)	473.6	(138.8)
	40	(4.4)	526.8	(154.4)	508.4	(149)	489.6	(143.5)	470.4	(137.9)	450.8	(132.1)	430.8	(126.3)
	35	(1.7)	479.2	(140.4)	462.2	(135.5)	445.0	(130.4)	427.2	(125.2)	409.2	(119.9)	390.8	(114.5)
KVD061H9-A Compressor 4YJNR27ME	45	(7.2)	707.2	(207.3)	682.6	(200)	657.4	(192.7)	631.6	(185.1)	605.2	(177.4)	578.2	(169.5)
	40	(4.4)	645.0	(189)	622.4	(182.4)	599.2	(175.6)	575.4	(168.6)	551.2	(161.5)	526.2	(154.2)
	35	(1.7)	587.0	(172)	566.2	(165.9)	544.8	(159.7)	523.0	(153.3)	500.6	(146.7)	477.8	(140)
KVD071H9-A Compressor 6YHNR32ME	45	(7.2)	852.8	(249.9)	823.8	(241.4)	793.8	(232.6)	762.8	(223.6)	731.2	(214.3)	698.6	(204.7)
	40	(4.4)	777.0	(227.7)	750.2	(219.9)	722.4	(211.7)	693.8	(203.3)	664.4	(194.7)	634.2	(185.9)
	35	(1.7)	706.2	(207)	681.2	(199.6)	655.6	(192.1)	629.2	(184.4)	602.2	(176.5)	574.4	(168.3)
KVD081H9-A Compressor 6YJNR39ME	45	(7.2)	1039.6	(304.7)	1003.6	(294.1)	966.6	(283.3)	928.8	(272.2)	890.0	(260.8)	850.4	(249.2)
	40	(4.4)	947.2	(277.6)	914.0	(267.9)	880.0	(257.9)	845.0	(247.6)	809.4	(237.2)	772.8	(226.5)
	35	(1.7)	861.2	(252.4)	830.6	(243.4)	799.4	(234.3)	767.4	(224.9)	734.6	(215.3)	701.0	(205.4)

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

DOUBLE WIDE HIGH TEMPERATURE - R455A

“H9” R455A - DOUBLE WIDE

CONDENSING UNIT MODEL KVD	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 455A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
	KVD031H9-A Compressor 3YS3R16ME	45	(7.2)	422.8	(123.9)	407.4	(119.4)	391.8	(114.8)	375.6	(110.1)	359.2	(105.3)	342.4
	40	(4.4)	385.6	(113)	371.4	(108.8)	357.0	(104.6)	342.0	(100.2)	327.0	(95.8)	311.4	(91.3)
	35	(1.7)	350.8	(102.8)	337.8	(99)	324.4	(95.1)	310.8	(91.1)	296.8	(87)	282.6	(82.8)
KVD041H9-A Compressor 4YANR15ME	45	(7.2)	473.8	(138.9)	456.6	(133.8)	439.0	(128.7)	421.0	(123.4)	402.8	(118)	384.0	(112.5)
	40	(4.4)	432.0	(126.6)	416.0	(121.9)	399.8	(117.2)	383.2	(112.3)	366.4	(107.4)	349.2	(102.3)
	35	(1.7)	392.8	(115.1)	378.2	(110.8)	363.4	(106.5)	348.0	(102)	332.6	(97.5)	316.6	(92.8)
KVD045H9-A Compressor 4YBNR19ME	45	(7.2)	516.6	(151.4)	497.4	(145.8)	478.0	(140.1)	458.2	(134.3)	438.0	(128.4)	417.4	(122.3)
	40	(4.4)	471.2	(138.1)	453.6	(132.9)	435.8	(127.7)	417.6	(122.4)	398.8	(116.9)	380.0	(111.4)
	35	(1.7)	428.8	(125.7)	412.8	(121)	396.2	(116.1)	379.4	(111.2)	362.4	(106.2)	345.0	(101.1)
KVD051H9-A Compressor 4YHNR22ME	45	(7.2)	606.6	(177.8)	584.6	(171.3)	562.2	(164.8)	539.2	(158)	515.6	(151.1)	491.8	(144.1)
	40	(4.4)	553.0	(162.1)	532.8	(156.1)	512.0	(150.1)	490.8	(143.8)	469.2	(137.5)	447.2	(131.1)
	35	(1.7)	502.8	(147.4)	484.2	(141.9)	465.2	(136.3)	445.8	(130.7)	426.0	(124.8)	405.8	(118.9)
KVD061H9-A Compressor 4YJNR27ME	45	(7.2)	742.0	(217.5)	714.8	(209.5)	687.0	(201.3)	658.4	(193)	629.4	(184.5)	599.6	(175.7)
	40	(4.4)	676.6	(198.3)	651.6	(191)	626.0	(183.5)	599.6	(175.7)	572.8	(167.9)	545.4	(159.8)
	35	(1.7)	615.4	(180.4)	592.4	(173.6)	568.8	(166.7)	544.8	(159.7)	520.2	(152.5)	495.2	(145.1)
KVD071H9-A Compressor 6YHNR32ME	45	(7.2)	893.6	(261.9)	861.2	(252.4)	827.8	(242.6)	793.6	(232.6)	758.6	(222.3)	722.8	(211.8)
	40	(4.4)	814.0	(238.6)	784.0	(229.8)	753.2	(220.7)	721.8	(211.5)	689.4	(202)	656.4	(192.4)
	35	(1.7)	739.6	(216.8)	712.0	(208.7)	683.8	(200.4)	654.8	(191.9)	625.2	(183.2)	594.8	(174.3)
KVD081H9-A Compressor 6YJNR39ME	45	(7.2)	1091.2	(319.8)	1051.4	(308.1)	1010.8	(296.2)	969.2	(284)	926.8	(271.6)	883.6	(259)
	40	(4.4)	993.8	(291.3)	957.2	(280.5)	919.8	(269.6)	881.4	(258.3)	842.4	(246.9)	802.6	(235.2)
	35	(1.7)	903.0	(264.6)	869.4	(254.8)	835.0	(244.7)	800.0	(234.5)	764.2	(224)	727.6	(213.2)

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

DOUBLE WIDE MEDIUM TEMPERATURE - R454A

"M9" R454A - DOUBLE WIDE

CONDENSING UNIT MODEL KVD	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVD031M9-A Compressor 3YS3R16ME	30	(-1.1)	353.8	(103.7)	341.0	(99.9)	328.0	(96.1)	314.8	(92.3)	301.2	(88.3)	287.4	(84.2)
	25	(-3.9)	320.4	(93.9)	308.8	(90.5)	297.0	(87)	284.8	(83.5)	272.6	(79.9)	259.8	(76.1)
	20	(-6.7)	289.4	(84.8)	278.8	(81.7)	268.0	(78.5)	257.0	(75.3)	245.8	(72)	234.4	(68.7)
	15	(-9.4)	260.4	(76.3)	250.8	(73.5)	241.0	(70.6)	231.2	(67.8)	221.0	(64.8)	210.8	(61.8)
	10	(-12.2)	233.4	(68.4)	224.8	(65.9)	216.0	(63.3)	207.0	(60.7)	198.0	(58)	188.8	(55.3)
	5	(-15)	208.2	(61)	200.4	(58.7)	192.6	(56.4)	184.6	(54.1)	176.6	(51.8)	168.4	(49.4)
	0	(-17.8)	184.6	(54.1)	177.8	(52.1)	170.8	(50.1)	163.6	(47.9)	156.6	(45.9)	149.4	(43.8)
KVD041M9-A Compressor 4YANR15ME	30	(-1.1)	387.0	(113.4)	367.2	(107.6)	347.2	(101.8)	327.2	(95.9)	307.6	(90.1)	288.4	(84.5)
	25	(-3.9)	352.8	(103.4)	334.4	(98)	316.0	(92.6)	297.6	(87.2)	279.6	(81.9)	262.0	(76.8)
	20	(-6.7)	320.2	(93.8)	303.2	(88.9)	286.4	(83.9)	269.4	(79)	252.8	(74.1)	236.6	(69.3)
	15	(-9.4)	289.2	(84.8)	273.6	(80.2)	258.2	(75.7)	242.6	(71.1)	227.4	(66.6)	212.6	(62.3)
	10	(-12.2)	259.8	(76.1)	245.8	(72)	231.6	(67.9)	217.4	(63.7)	203.6	(59.7)	190.2	(55.7)
	5	(-15)	232.4	(68.1)	219.6	(64.4)	206.6	(60.5)	193.8	(56.8)	181.2	(53.1)	169.2	(49.6)
	0	(-17.8)	207.2	(60.7)	195.4	(57.3)	183.6	(53.8)	172.0	(50.4)	160.6	(47.1)	149.8	(43.9)
KVD045M9-A Compressor 4YBNR19ME	30	(-1.1)	432.8	(126.8)	417.0	(122.2)	401.0	(117.5)	384.4	(112.7)	367.8	(107.8)	350.6	(102.8)
	25	(-3.9)	392.2	(114.9)	377.8	(110.7)	363.2	(106.4)	348.2	(102)	333.0	(97.6)	317.4	(93)
	20	(-6.7)	354.2	(103.8)	341.2	(100)	328.0	(96.1)	314.4	(92.1)	300.6	(88.1)	286.4	(83.9)
	15	(-9.4)	319.0	(93.5)	307.2	(90)	295.0	(86.5)	282.8	(82.9)	270.4	(79.2)	257.6	(75.5)
	10	(-12.2)	286.0	(83.8)	275.4	(80.7)	264.4	(77.5)	253.4	(74.3)	242.2	(71)	231.0	(67.7)
	5	(-15)	255.4	(74.9)	245.6	(72)	236.0	(69.2)	226.0	(66.2)	216.2	(63.4)	206.0	(60.4)
	0	(-17.8)	226.6	(66.4)	218.0	(63.9)	209.4	(61.4)	200.6	(58.8)	191.8	(56.2)	182.8	(53.6)
KVD051M9-A Compressor 4YHNR22ME	30	(-1.1)	507.0	(148.6)	488.8	(143.3)	470.4	(137.9)	451.4	(132.3)	432.0	(126.6)	412.0	(120.7)
	25	(-3.9)	459.2	(134.6)	442.6	(129.7)	425.8	(124.8)	408.4	(119.7)	390.8	(114.5)	372.8	(109.3)
	20	(-6.7)	414.4	(121.4)	399.4	(117.1)	384.2	(112.6)	368.4	(108)	352.4	(103.3)	336.2	(98.5)
	15	(-9.4)	372.8	(109.3)	359.2	(105.3)	345.4	(101.2)	331.2	(97.1)	316.8	(92.8)	302.2	(88.6)
	10	(-12.2)	334.0	(97.9)	321.8	(94.3)	309.4	(90.7)	296.6	(86.9)	283.8	(83.2)	270.8	(79.4)
	5	(-15)	298.0	(87.3)	287.0	(84.1)	275.8	(80.8)	264.6	(77.5)	253.0	(74.1)	241.4	(70.7)
	0	(-17.8)	264.4	(77.5)	254.6	(74.6)	244.6	(71.7)	234.6	(68.8)	224.4	(65.8)	214.2	(62.8)
KVD061M9-A Compressor 4YJNR27ME	30	(-1.1)	620.0	(181.7)	597.6	(175.1)	574.8	(168.5)	551.4	(161.6)	527.4	(154.6)	503.2	(147.5)
	25	(-3.9)	561.6	(164.6)	541.2	(158.6)	520.4	(152.5)	499.2	(146.3)	477.4	(139.9)	455.4	(133.5)
	20	(-6.7)	507.2	(148.6)	488.6	(143.2)	469.8	(137.7)	450.6	(132.1)	431.0	(126.3)	411.0	(120.5)
	15	(-9.4)	456.4	(133.8)	439.8	(128.9)	422.8	(123.9)	405.4	(118.8)	387.8	(113.7)	370.0	(108.4)
	10	(-12.2)	409.2	(119.9)	394.2	(115.5)	379.0	(111.1)	363.4	(106.5)	347.6	(101.9)	331.8	(97.2)
	5	(-15)	365.4	(107.1)	351.8	(103.1)	338.2	(99.1)	324.2	(95)	310.2	(90.9)	296.2	(86.8)
	0	(-17.8)	324.4	(95.1)	312.2	(91.5)	300.0	(87.9)	287.8	(84.3)	275.4	(80.7)	263.0	(77.1)
KVD071M9-A Compressor 6YHNR32ME	30	(-1.1)	744.6	(218.2)	718.0	(210.4)	690.6	(202.4)	662.6	(194.2)	634.0	(185.8)	604.8	(177.2)
	25	(-3.9)	674.0	(197.5)	649.6	(190.4)	624.6	(183.1)	599.2	(175.6)	573.2	(168)	546.6	(160.2)
	20	(-6.7)	608.0	(178.2)	586.0	(171.7)	563.4	(165.1)	540.2	(158.3)	516.6	(151.4)	492.6	(144.4)
	15	(-9.4)	546.8	(160.3)	526.8	(154.4)	506.4	(148.4)	485.4	(142.3)	464.2	(136)	442.8	(129.8)
	10	(-12.2)	490.0	(143.6)	471.8	(138.3)	453.4	(132.9)	434.6	(127.4)	415.8	(121.9)	396.6	(116.2)
	5	(-15)	437.0	(128.1)	420.6	(123.3)	404.2	(118.5)	387.4	(113.5)	370.6	(108.6)	353.6	(103.6)
	0	(-17.8)	387.6	(113.6)	373.0	(109.3)	358.2	(105)	343.4	(100.6)	328.6	(96.3)	313.8	(92)

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

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DOUBLE WIDE MEDIUM TEMPERATURE - R454A

“M9” R454A - DOUBLE WIDE

CONDENSING UNIT MODEL KVD	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
	KVD081M9-A Compressor 6YJNR39ME	30	(-1.1)	909.2	(266.5)	876.4	(256.8)	843.0	(247.1)	808.8	(237)	774.0	(226.8)	738.6
25		(-3.9)	823.0	(241.2)	793.2	(232.5)	762.8	(223.6)	731.8	(214.5)	700.2	(205.2)	668.0	(195.8)
20		(-6.7)	742.8	(217.7)	715.8	(209.8)	688.2	(201.7)	660.2	(193.5)	631.6	(185.1)	602.8	(176.7)
15		(-9.4)	668.4	(195.9)	644.0	(188.7)	619.0	(181.4)	593.8	(174)	568.2	(166.5)	542.4	(159)
10		(-12.2)	599.2	(175.6)	577.2	(169.2)	554.8	(162.6)	532.2	(156)	509.4	(149.3)	486.4	(142.5)
5		(-15)	534.8	(156.7)	515.0	(150.9)	495.0	(145.1)	474.8	(139.1)	454.6	(133.2)	434.2	(127.3)
0		(-17.8)	474.6	(139.1)	457.0	(133.9)	439.0	(128.7)	421.2	(123.4)	403.4	(118.2)	385.6	(113)
KVD101M9-A Compressor 6YUNR48ME	30	(-1.1)	1064.6	(312)	1025.4	(300.5)	985.6	(288.8)	944.8	(276.9)	903.4	(264.8)	861.4	(252.5)
	25	(-3.9)	964.8	(282.8)	929.2	(272.3)	893.0	(261.7)	856.2	(250.9)	818.6	(239.9)	780.6	(228.8)
	20	(-6.7)	871.8	(255.5)	839.8	(246.1)	807.0	(236.5)	773.8	(226.8)	740.0	(216.9)	705.8	(206.8)
	15	(-9.4)	785.4	(230.2)	756.4	(221.7)	727.0	(213.1)	697.0	(204.3)	666.8	(195.4)	636.2	(186.5)
	10	(-12.2)	704.8	(206.6)	678.8	(198.9)	652.4	(191.2)	625.6	(183.3)	598.6	(175.4)	571.6	(167.5)
	5	(-15)	629.8	(184.6)	606.4	(177.7)	582.8	(170.8)	559.0	(163.8)	535.2	(156.9)	511.2	(149.8)
	0	(-17.8)	559.4	(163.9)	538.4	(157.8)	517.4	(151.6)	496.4	(145.5)	475.4	(139.3)	454.6	(133.2)

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

DOUBLE WIDE MEDIUM TEMPERATURE - R454C

"M9" R454C - DOUBLE WIDE

CONDENSING UNIT MODEL KVD	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454C-MEAN AMBIENT TEMPERATURE °F (°C)											
			85 (29.4)		90 (32.2)		95 (35)		100 (37.8)		105 (40.6)		110 (43.3)	
	°F	(°C)												
KVD031M9-A Compressor 3YS3R16ME	30	(-1.1)	304.0	(89.1)	293.0	(85.9)	281.8	(82.6)	270.4	(79.2)	258.6	(75.8)	246.6	(72.3)
	25	(-3.9)	274.8	(80.5)	264.8	(77.6)	254.6	(74.6)	244.2	(71.6)	233.4	(68.4)	222.6	(65.2)
	20	(-6.7)	247.8	(72.6)	238.6	(69.9)	229.2	(67.2)	219.8	(64.4)	210.0	(61.5)	200.2	(58.7)
	15	(-9.4)	222.4	(65.2)	214.2	(62.8)	205.6	(60.3)	197.0	(57.7)	188.4	(55.2)	179.4	(52.6)
	10	(-12.2)	198.8	(58.3)	191.4	(56.1)	183.8	(53.9)	176.0	(51.6)	168.2	(49.3)	160.2	(46.9)
	5	(-15)	177.0	(51.9)	170.2	(49.9)	163.4	(47.9)	156.6	(45.9)	149.6	(43.8)	142.4	(41.7)
	0	(-17.8)	156.6	(45.9)	150.6	(44.1)	144.6	(42.4)	138.4	(40.6)	132.2	(38.7)	126.0	(36.9)
KVD041M9-A Compressor 4YANR15ME	30	(-1.1)	339.8	(99.6)	327.6	(96)	315.0	(92.3)	302.2	(88.6)	289.2	(84.8)	276.0	(80.9)
	25	(-3.9)	307.4	(90.1)	296.2	(86.8)	284.8	(83.5)	273.0	(80)	261.2	(76.5)	249.2	(73)
	20	(-6.7)	277.2	(81.2)	267.0	(78.2)	256.6	(75.2)	246.0	(72.1)	235.2	(68.9)	224.2	(65.7)
	15	(-9.4)	248.8	(72.9)	239.6	(70.2)	230.2	(67.5)	220.6	(64.7)	210.8	(61.8)	201.0	(58.9)
	10	(-12.2)	222.6	(65.2)	214.2	(62.8)	205.6	(60.3)	197.0	(57.7)	188.4	(55.2)	179.4	(52.6)
	5	(-15)	198.0	(58)	190.6	(55.9)	183.0	(53.6)	175.2	(51.3)	167.4	(49.1)	159.6	(46.8)
	0	(-17.8)	175.2	(51.3)	168.4	(49.4)	161.6	(47.4)	154.8	(45.4)	148.0	(43.4)	141.0	(41.3)
KVD045M9-A Compressor 4YBNR19ME	30	(-1.1)	371.4	(108.8)	358.0	(104.9)	344.2	(100.9)	330.2	(96.8)	315.8	(92.6)	301.2	(88.3)
	25	(-3.9)	336.2	(98.5)	323.8	(94.9)	311.2	(91.2)	298.4	(87.5)	285.4	(83.6)	272.0	(79.7)
	20	(-6.7)	303.4	(88.9)	292.0	(85.6)	280.6	(82.2)	269.0	(78.8)	257.0	(75.3)	245.0	(71.8)
	15	(-9.4)	272.6	(79.9)	262.4	(76.9)	252.0	(73.9)	241.6	(70.8)	230.8	(67.6)	220.0	(64.5)
	10	(-12.2)	244.0	(71.5)	234.8	(68.8)	225.6	(66.1)	216.0	(63.3)	206.4	(60.5)	196.6	(57.6)
	5	(-15)	217.4	(63.7)	209.2	(61.3)	200.8	(58.8)	192.4	(56.4)	183.8	(53.9)	175.0	(51.3)
	0	(-17.8)	192.6	(56.4)	185.2	(54.3)	177.8	(52.1)	170.2	(49.9)	162.6	(47.7)	155.0	(45.4)
KVD051M9-A Compressor 4YHNR22ME	30	(-1.1)	434.6	(127.4)	419.2	(122.9)	403.4	(118.2)	387.2	(113.5)	370.6	(108.6)	353.8	(103.7)
	25	(-3.9)	393.2	(115.2)	379.0	(111.1)	364.6	(106.9)	349.8	(102.5)	334.8	(98.1)	319.4	(93.6)
	20	(-6.7)	354.6	(103.9)	341.6	(100.1)	328.4	(96.2)	315.0	(92.3)	301.4	(88.3)	287.4	(84.2)
	15	(-9.4)	318.6	(93.4)	306.8	(89.9)	295.0	(86.5)	282.8	(82.9)	270.4	(79.2)	257.8	(75.6)
	10	(-12.2)	285.2	(83.6)	274.6	(80.5)	263.8	(77.3)	252.8	(74.1)	241.8	(70.9)	230.6	(67.6)
	5	(-15)	254.0	(74.4)	244.4	(71.6)	234.8	(68.8)	225.0	(65.9)	215.2	(63.1)	205.2	(60.1)
	0	(-17.8)	225.0	(65.9)	216.4	(63.4)	207.8	(60.9)	199.2	(58.4)	190.4	(55.8)	181.6	(53.2)
KVD061M9-A Compressor 4YJNR27ME	30	(-1.1)	532.8	(156.1)	513.6	(150.5)	494.2	(144.8)	474.2	(139)	453.6	(132.9)	432.8	(126.8)
	25	(-3.9)	482.2	(141.3)	464.8	(136.2)	447.0	(131)	428.6	(125.6)	410.0	(120.2)	391.0	(114.6)
	20	(-6.7)	435.0	(127.5)	419.2	(122.9)	403.0	(118.1)	386.4	(113.2)	369.6	(108.3)	352.4	(103.3)
	15	(-9.4)	391.0	(114.6)	376.8	(110.4)	362.0	(106.1)	347.2	(101.8)	332.0	(97.3)	316.4	(92.7)
	10	(-12.2)	350.2	(102.6)	337.2	(98.8)	324.0	(95)	310.6	(91)	297.0	(87)	283.2	(83)
	5	(-15)	312.2	(91.5)	300.6	(88.1)	288.6	(84.6)	276.6	(81.1)	264.6	(77.5)	252.2	(73.9)
	0	(-17.8)	276.6	(81.1)	266.2	(78)	255.8	(75)	245.0	(71.8)	234.4	(68.7)	223.6	(65.5)
KVD071M9-A Compressor 6YHNR32ME	30	(-1.1)	640.0	(187.6)	617.0	(180.8)	593.4	(173.9)	569.2	(166.8)	544.4	(159.5)	519.0	(152.1)
	25	(-3.9)	578.2	(169.5)	557.2	(163.3)	535.6	(157)	513.4	(150.5)	490.8	(143.8)	467.6	(137)
	20	(-6.7)	520.8	(152.6)	501.6	(147)	481.8	(141.2)	461.6	(135.3)	441.0	(129.2)	420.0	(123.1)
	15	(-9.4)	467.2	(136.9)	449.8	(131.8)	431.8	(126.5)	413.6	(121.2)	395.0	(115.8)	376.2	(110.3)
	10	(-12.2)	417.6	(122.4)	401.8	(117.8)	385.6	(113)	369.2	(108.2)	352.6	(103.3)	335.8	(98.4)
	5	(-15)	371.4	(108.8)	357.2	(104.7)	342.6	(100.4)	328.0	(96.1)	313.4	(91.8)	298.6	(87.5)
	0	(-17.8)	328.6	(96.3)	315.8	(92.6)	303.0	(88.8)	290.0	(85)	277.2	(81.2)	264.2	(77.4)

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

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DOUBLE WIDE MEDIUM TEMPERATURE - R454C

“M9” R454C - DOUBLE WIDE

CONDENSING UNIT MODEL KVD	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454C-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
	KVD081M9-A Compressor 6YJNR39ME	30	(-1.1)	781.2	(228.9)	753.2	(220.7)	724.6	(212.4)	695.4	(203.8)	665.2	(195)	634.6
25		(-3.9)	706.8	(207.1)	681.4	(199.7)	655.2	(192)	628.4	(184.2)	601.2	(176.2)	573.2	(168)
20		(-6.7)	637.6	(186.9)	614.6	(180.1)	590.8	(173.1)	566.6	(166.1)	541.8	(158.8)	516.6	(151.4)
15		(-9.4)	573.4	(168)	552.4	(161.9)	531.0	(155.6)	509.2	(149.2)	486.8	(142.7)	464.2	(136)
10		(-12.2)	513.8	(150.6)	494.8	(145)	475.6	(139.4)	455.8	(133.6)	435.8	(127.7)	415.6	(121.8)
5		(-15)	458.2	(134.3)	441.0	(129.2)	423.8	(124.2)	406.2	(119)	388.4	(113.8)	370.4	(108.6)
0		(-17.8)	406.2	(119)	390.8	(114.5)	375.4	(110)	359.8	(105.4)	344.2	(100.9)	328.4	(96.2)
KVD101M9-A Compressor 6YUNR48ME	30	(-1.1)	916.4	(268.6)	883.0	(258.8)	849.0	(248.8)	814.0	(238.6)	778.4	(228.1)	741.8	(217.4)
	25	(-3.9)	830.0	(243.2)	799.6	(234.3)	768.6	(225.3)	736.8	(215.9)	704.4	(206.4)	671.2	(196.7)
	20	(-6.7)	749.8	(219.7)	722.4	(211.7)	694.2	(203.4)	665.4	(195)	636.0	(186.4)	606.0	(177.6)
	15	(-9.4)	675.4	(197.9)	650.4	(190.6)	625.0	(183.2)	599.0	(175.5)	572.6	(167.8)	545.6	(159.9)
	10	(-12.2)	606.0	(177.6)	583.4	(171)	560.6	(164.3)	537.4	(157.5)	513.8	(150.6)	489.8	(143.5)
	5	(-15)	541.2	(158.6)	521.0	(152.7)	500.6	(146.7)	479.8	(140.6)	458.8	(134.5)	437.6	(128.2)
	0	(-17.8)	480.4	(140.8)	462.4	(135.5)	444.2	(130.2)	425.8	(124.8)	407.2	(119.3)	388.6	(113.9)

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

DOUBLE WIDE MEDIUM TEMPERATURE - R455A

“M9” R455A - DOUBLE WIDE

CONDENSING UNIT MODEL KVD	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 455A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
	KVD031M9-A Compressor 3YS3R16ME	30	(-1.1)	318.2	(93.3)	306.2	(89.7)	294.0	(86.2)	281.6	(82.5)	268.8	(78.8)	256.0
25		(-3.9)	287.8	(84.3)	277.0	(81.2)	265.8	(77.9)	254.4	(74.6)	242.8	(71.2)	231.0	(67.7)
20		(-6.7)	259.4	(76)	249.6	(73.2)	239.4	(70.2)	229.2	(67.2)	218.6	(64.1)	208.0	(61)
15		(-9.4)	233.0	(68.3)	224.0	(65.6)	215.0	(63)	205.6	(60.3)	196.2	(57.5)	186.6	(54.7)
10		(-12.2)	208.4	(61.1)	200.4	(58.7)	192.2	(56.3)	183.8	(53.9)	175.4	(51.4)	166.8	(48.9)
5		(-15)	185.6	(54.4)	178.4	(52.3)	171.0	(50.1)	163.6	(47.9)	156.0	(45.7)	148.4	(43.5)
0		(-17.8)	164.2	(48.1)	157.8	(46.2)	151.2	(44.3)	144.6	(42.4)	138.0	(40.4)	131.4	(38.5)
KVD041M9-A Compressor 4YANR15ME	30	(-1.1)	356.4	(104.5)	343.0	(100.5)	329.2	(96.5)	315.2	(92.4)	301.0	(88.2)	286.6	(84)
	25	(-3.9)	322.2	(94.4)	310.0	(90.9)	297.6	(87.2)	284.8	(83.5)	271.8	(79.7)	258.6	(75.8)
	20	(-6.7)	290.6	(85.2)	279.4	(81.9)	268.0	(78.5)	256.6	(75.2)	244.8	(71.7)	232.8	(68.2)
	15	(-9.4)	261.0	(76.5)	251.0	(73.6)	240.6	(70.5)	230.2	(67.5)	219.6	(64.4)	208.8	(61.2)
	10	(-12.2)	233.4	(68.4)	224.4	(65.8)	215.2	(63.1)	205.8	(60.3)	196.4	(57.6)	186.8	(54.7)
	5	(-15)	207.8	(60.9)	199.6	(58.5)	191.4	(56.1)	183.2	(53.7)	174.6	(51.2)	166.2	(48.7)
	0	(-17.8)	183.8	(53.9)	176.6	(51.8)	169.2	(49.6)	162.0	(47.5)	154.4	(45.3)	147.0	(43.1)
KVD045M9-A Compressor 4YBNR19ME	30	(-1.1)	389.2	(114.1)	374.4	(109.7)	359.4	(105.3)	344.0	(100.8)	328.4	(96.2)	312.4	(91.6)
	25	(-3.9)	352.2	(103.2)	338.8	(99.3)	325.0	(95.2)	311.0	(91.1)	296.8	(87)	282.2	(82.7)
	20	(-6.7)	317.8	(93.1)	305.6	(89.6)	293.0	(85.9)	280.4	(82.2)	267.4	(78.4)	254.2	(74.5)
	15	(-9.4)	285.6	(83.7)	274.6	(80.5)	263.2	(77.1)	251.8	(73.8)	240.2	(70.4)	228.4	(66.9)
	10	(-12.2)	255.8	(75)	245.8	(72)	235.6	(69)	225.2	(66)	214.8	(63)	204.2	(59.8)
	5	(-15)	227.8	(66.8)	218.8	(64.1)	209.8	(61.5)	200.6	(58.8)	191.4	(56.1)	182.0	(53.3)
	0	(-17.8)	201.8	(59.1)	193.8	(56.8)	185.8	(54.5)	177.6	(52)	169.4	(49.6)	161.2	(47.2)
KVD051M9-A Compressor 4YHNR22ME	30	(-1.1)	456.0	(133.6)	439.0	(128.7)	421.6	(123.6)	403.8	(118.3)	385.8	(113.1)	367.2	(107.6)
	25	(-3.9)	412.4	(120.9)	397.0	(116.3)	381.0	(111.7)	365.0	(107)	348.4	(102.1)	331.6	(97.2)
	20	(-6.7)	371.8	(109)	357.8	(104.9)	343.4	(100.6)	328.8	(96.4)	313.8	(92)	298.6	(87.5)
	15	(-9.4)	334.0	(97.9)	321.4	(94.2)	308.4	(90.4)	295.2	(86.5)	281.6	(82.5)	268.0	(78.5)
	10	(-12.2)	299.0	(87.6)	287.4	(84.2)	275.8	(80.8)	264.0	(77.4)	252.0	(73.9)	239.8	(70.3)
	5	(-15)	266.2	(78)	256.0	(75)	245.6	(72)	235.0	(68.9)	224.2	(65.7)	213.4	(62.5)
	0	(-17.8)	235.8	(69.1)	226.6	(66.4)	217.4	(63.7)	208.0	(61)	198.6	(58.2)	189.2	(55.4)
KVD061M9-A Compressor 4YJNR27ME	30	(-1.1)	558.2	(163.6)	537.2	(157.4)	515.8	(151.2)	493.8	(144.7)	471.4	(138.2)	448.6	(131.5)
	25	(-3.9)	505.0	(148)	486.0	(142.4)	466.4	(136.7)	446.4	(130.8)	426.0	(124.8)	405.2	(118.8)
	20	(-6.7)	455.6	(133.5)	438.2	(128.4)	420.4	(123.2)	402.4	(117.9)	384.0	(112.5)	365.2	(107)
	15	(-9.4)	409.4	(120)	393.8	(115.4)	377.8	(110.7)	361.4	(105.9)	345.0	(101.1)	328.2	(96.2)
	10	(-12.2)	366.6	(107.4)	352.4	(103.3)	338.0	(99.1)	323.6	(94.8)	308.8	(90.5)	293.8	(86.1)
	5	(-15)	326.6	(95.7)	314.0	(92)	301.2	(88.3)	288.2	(84.5)	275.2	(80.7)	261.8	(76.7)
	0	(-17.8)	289.4	(84.8)	278.2	(81.5)	266.8	(78.2)	255.2	(74.8)	243.8	(71.5)	232.2	(68.1)
KVD071M9-A Compressor 6YHNR32ME	30	(-1.1)	670.2	(196.4)	645.0	(189)	619.0	(181.4)	592.6	(173.7)	565.4	(165.7)	537.8	(157.6)
	25	(-3.9)	605.6	(177.5)	582.6	(170.7)	559.0	(163.8)	534.8	(156.7)	510.2	(149.5)	485.0	(142.1)
	20	(-6.7)	545.6	(159.9)	524.6	(153.7)	503.0	(147.4)	481.2	(141)	459.0	(134.5)	436.2	(127.8)
	15	(-9.4)	489.6	(143.5)	470.6	(137.9)	451.2	(132.2)	431.6	(126.5)	411.6	(120.6)	391.2	(114.6)
	10	(-12.2)	437.8	(128.3)	420.6	(123.3)	403.2	(118.2)	385.4	(112.9)	367.6	(107.7)	349.6	(102.5)
	5	(-15)	389.4	(114.1)	374.0	(109.6)	358.4	(105)	342.8	(100.5)	327.0	(95.8)	311.2	(91.2)
	0	(-17.8)	344.4	(100.9)	330.6	(96.9)	317.0	(92.9)	303.2	(88.9)	289.4	(84.8)	275.6	(80.8)

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

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DOUBLE WIDE MEDIUM TEMPERATURE - R455A

“M9” R455A - DOUBLE WIDE

CONDENSING UNIT MODEL KVD	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85 (29.4)		90 (32.2)		95 (35)		100 (37.8)		105 (40.6)		110 (43.3)	
KVD081M9-A Compressor 6YJNR39ME	30	(-1.1)	818.6	(239.9)	787.8	(230.9)	756.4	(221.7)	724.2	(212.2)	691.6	(202.7)	658.2	(192.9)
	25	(-3.9)	740.0	(216.9)	712.0	(208.7)	683.2	(200.2)	654.0	(191.7)	624.4	(183)	594.2	(174.1)
	20	(-6.7)	667.0	(195.5)	641.6	(188)	615.6	(180.4)	589.2	(172.7)	562.2	(164.8)	535.0	(156.8)
	15	(-9.4)	599.4	(175.7)	576.2	(168.9)	552.8	(162)	529.0	(155)	504.8	(147.9)	480.4	(140.8)
	10	(-12.2)	536.4	(157.2)	515.6	(151.1)	494.6	(145)	473.2	(138.7)	451.6	(132.4)	430.0	(126)
	5	(-15)	478.0	(140.1)	459.2	(134.6)	440.4	(129.1)	421.4	(123.5)	402.4	(117.9)	383.2	(112.3)
	0	(-17.8)	423.4	(124.1)	406.8	(119.2)	390.0	(114.3)	373.2	(109.4)	356.6	(104.5)	339.8	(99.6)
KVD101M9-A Compressor 6YUNR48ME	30	(-1.1)	958.6	(280.9)	922.0	(270.2)	884.4	(259.2)	846.2	(248)	807.4	(236.6)	768.0	(225.1)
	25	(-3.9)	867.4	(254.2)	834.0	(244.4)	800.0	(234.5)	765.2	(224.3)	730.0	(213.9)	694.2	(203.4)
	20	(-6.7)	782.8	(229.4)	752.4	(220.5)	721.4	(211.4)	690.0	(202.2)	658.2	(192.9)	626.0	(183.5)
	15	(-9.4)	704.0	(206.3)	676.4	(198.2)	648.6	(190.1)	620.4	(181.8)	591.8	(173.4)	563.0	(165)
	10	(-12.2)	630.6	(184.8)	606.0	(177.6)	581.0	(170.3)	555.6	(162.8)	530.2	(155.4)	504.6	(147.9)
	5	(-15)	562.4	(164.8)	540.2	(158.3)	518.0	(151.8)	495.6	(145.2)	473.0	(138.6)	450.6	(132.1)
	0	(-17.8)	498.8	(146.2)	479.0	(140.4)	459.2	(134.6)	439.4	(128.8)	419.6	(123)	400.0	(117.2)

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

DOUBLE WIDE LOW TEMPERATURE - R454A

“L9” R454A - DOUBLE WIDE

CONDENSING UNIT MODEL KVD	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVD021L9-A Compressor 3YS3F33KE	0	(-17.8)	175.2	(51.3)	168.4	(49.4)	161.4	(47.3)	154.6	(45.3)	147.6	(43.3)	140.8	(41.3)
	-5	(-20.6)	155.2	(45.5)	149.0	(43.7)	142.8	(41.9)	136.6	(40)	130.4	(38.2)	124.2	(36.4)
	-10	(-23.3)	136.8	(40.1)	131.2	(38.5)	125.6	(36.8)	120.0	(35.2)	114.4	(33.5)	108.8	(31.9)
	-15	(-26.1)	119.6	(35.1)	114.6	(33.6)	109.6	(32.1)	104.6	(30.7)	99.6	(29.2)	94.6	(27.7)
	-20	(-28.9)	103.8	(30.4)	99.4	(29.1)	95.0	(27.8)	90.4	(26.5)	86.0	(25.2)	81.6	(23.9)
	-25	(-31.7)	89.4	(26.2)	85.6	(25.1)	81.6	(23.9)	77.6	(22.7)	73.6	(21.6)	69.8	(20.5)
	-30	(-34.4)	76.4	(22.4)	73.0	(21.4)	69.4	(20.3)	65.8	(19.3)	62.4	(18.3)	59.0	(17.3)
	-35	(-37.2)	64.8	(19)	61.6	(18.1)	58.4	(17.1)	55.4	(16.2)	52.4	(15.4)	49.4	(14.5)
	-40	(-40)	54.2	(15.9)	51.6	(15.1)	48.8	(14.3)	46.2	(13.5)	43.4	(12.7)	41.0	(12)
KVD031L9-A Compressor 4YHNF46KE	0	(-17.8)	253.0	(74.1)	243.4	(71.3)	233.8	(68.5)	224.0	(65.6)	214.4	(62.8)	204.6	(60)
	-5	(-20.6)	224.6	(65.8)	215.8	(63.2)	207.2	(60.7)	198.4	(58.1)	189.6	(55.6)	180.6	(52.9)
	-10	(-23.3)	198.0	(58)	190.2	(55.7)	182.2	(53.4)	174.2	(51.1)	166.4	(48.8)	158.4	(46.4)
	-15	(-26.1)	173.2	(50.8)	166.2	(48.7)	159.0	(46.6)	152.0	(44.5)	144.8	(42.4)	137.6	(40.3)
	-20	(-28.9)	150.4	(44.1)	144.2	(42.3)	137.8	(40.4)	131.4	(38.5)	125.0	(36.6)	118.6	(34.8)
	-25	(-31.7)	129.6	(38)	124.0	(36.3)	118.2	(34.6)	112.6	(33)	107.0	(31.4)	101.2	(29.7)
	-30	(-34.4)	110.8	(32.5)	105.6	(30.9)	100.6	(29.5)	95.6	(28)	90.6	(26.6)	85.6	(25.1)
	-35	(-37.2)	93.8	(27.5)	89.4	(26.2)	84.8	(24.9)	80.4	(23.6)	76.0	(22.3)	71.6	(21)
	-40	(-40)	79.0	(23.2)	75.0	(22)	71.0	(20.8)	67.0	(19.6)	63.2	(18.5)	59.4	(17.4)
KVD045L9-A Compressor 4YHNF46KE	0	(-17.8)	306.8	(89.9)	295.0	(86.5)	283.2	(83)	271.4	(79.5)	259.4	(76)	247.6	(72.6)
	-5	(-20.6)	272.6	(79.9)	262.0	(76.8)	251.2	(73.6)	240.4	(70.5)	229.8	(67.3)	219.0	(64.2)
	-10	(-23.3)	240.8	(70.6)	231.0	(67.7)	221.4	(64.9)	211.6	(62)	202.0	(59.2)	192.2	(56.3)
	-15	(-26.1)	211.2	(61.9)	202.4	(59.3)	193.6	(56.7)	185.0	(54.2)	176.2	(51.6)	167.6	(49.1)
	-20	(-28.9)	183.8	(53.9)	176.0	(51.6)	168.2	(49.3)	160.4	(47)	152.6	(44.7)	144.8	(42.4)
	-25	(-31.7)	158.8	(46.5)	151.8	(44.5)	144.8	(42.4)	138.0	(40.4)	131.0	(38.4)	124.2	(36.4)
	-30	(-34.4)	136.0	(39.9)	129.8	(38)	123.8	(36.3)	117.6	(34.5)	111.6	(32.7)	105.6	(30.9)
	-35	(-37.2)	115.8	(33.9)	110.2	(32.3)	104.8	(30.7)	99.6	(29.2)	94.2	(27.6)	89.0	(26.1)
	-40	(-40)	97.8	(28.7)	93.0	(27.3)	88.2	(25.8)	83.6	(24.5)	79.0	(23.2)	74.6	(21.9)
KVD055L9-A Compressor 6YHNF68KE	0	(-17.8)	363.0	(106.4)	348.8	(102.2)	334.8	(98.1)	320.6	(94)	306.6	(89.9)	292.4	(85.7)
	-5	(-20.6)	322.6	(94.5)	309.8	(90.8)	297.0	(87)	284.4	(83.3)	271.6	(79.6)	258.8	(75.8)
	-10	(-23.3)	284.8	(83.5)	273.2	(80.1)	261.8	(76.7)	250.4	(73.4)	239.0	(70)	227.6	(66.7)
	-15	(-26.1)	249.8	(73.2)	239.4	(70.2)	229.2	(67.2)	218.8	(64.1)	208.6	(61.1)	198.4	(58.1)
	-20	(-28.9)	217.4	(63.7)	208.2	(61)	199.0	(58.3)	189.8	(55.6)	180.8	(53)	171.6	(50.3)
	-25	(-31.7)	187.8	(55)	179.6	(52.6)	171.4	(50.2)	163.2	(47.8)	155.2	(45.5)	147.2	(43.1)
	-30	(-34.4)	161.0	(47.2)	153.8	(45.1)	146.4	(42.9)	139.2	(40.8)	132.0	(38.7)	125.0	(36.6)
	-35	(-37.2)	137.0	(40.2)	130.6	(38.3)	124.0	(36.3)	117.6	(34.5)	111.4	(32.6)	105.0	(30.8)
	-40	(-40)	115.8	(33.9)	110.0	(32.2)	104.2	(30.5)	98.6	(28.9)	93.0	(27.3)	87.4	(25.6)

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

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DOUBLE WIDE LOW TEMPERATURE - R454A

“L9” R454A - DOUBLE WIDE

CONDENSING UNIT MODEL KVD	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
	KVD061L9-A Compressor 6YJNF84KE	0	(-17.8)	434.8	(127.4)	418.0	(122.5)	401.0	(117.5)	384.2	(112.6)	367.2	(107.6)	-
-5		(-20.6)	387.2	(113.5)	371.8	(109)	356.4	(104.5)	341.2	(100)	325.8	(95.5)	-	-
-10		(-23.3)	342.4	(100.3)	328.6	(96.3)	314.8	(92.3)	301.0	(88.2)	287.2	(84.2)	273.4	(80.1)
-15		(-26.1)	300.8	(88.2)	288.4	(84.5)	276.0	(80.9)	263.6	(77.3)	251.2	(73.6)	238.8	(70)
-20		(-28.9)	262.4	(76.9)	251.2	(73.6)	240.2	(70.4)	229.0	(67.1)	218.0	(63.9)	207.0	(60.7)
-25		(-31.7)	227.2	(66.6)	217.2	(63.7)	207.4	(60.8)	197.4	(57.9)	187.6	(55)	178.0	(52.2)
-30		(-34.4)	195.2	(57.2)	186.4	(54.6)	177.6	(52)	169.0	(49.5)	160.2	(46.9)	151.6	(44.4)
-35		(-37.2)	166.6	(48.8)	158.8	(46.5)	151.0	(44.3)	143.4	(42)	135.8	(39.8)	128.2	(37.6)
-40		(-40)	141.4	(41.4)	134.4	(39.4)	127.6	(37.4)	121.0	(35.5)	114.2	(33.5)	107.8	(31.6)
KVD081L9-A Compressor 6YUNF10ME	0	(-17.8)	525.8	(154.1)	505.8	(148.2)	485.6	(142.3)	465.4	(136.4)	445.2	(130.5)	-	-
	-5	(-20.6)	468.0	(137.2)	449.6	(131.8)	431.4	(126.4)	413.0	(121)	394.8	(115.7)	376.8	(110.4)
	-10	(-23.3)	413.6	(121.2)	397.2	(116.4)	380.6	(111.5)	364.2	(106.7)	347.8	(101.9)	331.4	(97.1)
	-15	(-26.1)	363.2	(106.4)	348.4	(102.1)	333.6	(97.8)	318.8	(93.4)	304.0	(89.1)	289.4	(84.8)
	-20	(-28.9)	316.8	(92.8)	303.4	(88.9)	290.2	(85)	277.0	(81.2)	263.8	(77.3)	250.8	(73.5)
	-25	(-31.7)	274.2	(80.4)	262.4	(76.9)	250.6	(73.4)	238.8	(70)	227.0	(66.5)	215.4	(63.1)
	-30	(-34.4)	235.8	(69.1)	225.2	(66)	214.6	(62.9)	204.2	(59.8)	193.8	(56.8)	183.6	(53.8)
	-35	(-37.2)	201.2	(59)	191.8	(56.2)	182.6	(53.5)	173.4	(50.8)	164.4	(48.2)	155.4	(45.5)
	-40	(-40)	170.8	(50.1)	162.6	(47.7)	154.4	(45.3)	146.4	(42.9)	138.4	(40.6)	130.6	(38.3)

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

DOUBLE WIDE LOW TEMPERATURE - R454C

“L9” R454C - DOUBLE WIDE

CONDENSING UNIT MODEL KVD	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454C-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVD021L9-A Compressor 3YS3F33KE	0	(-17.8)	149.0	(43.7)	143.2	(42)	137.4	(40.3)	131.6	(38.6)	125.6	(36.8)	119.8	(35.1)
	-5	(-20.6)	132.0	(38.7)	126.6	(37.1)	121.4	(35.6)	116.0	(34)	110.6	(32.4)	105.4	(30.9)
	-10	(-23.3)	116.0	(34)	111.2	(32.6)	106.4	(31.2)	101.6	(29.8)	96.8	(28.4)	92.0	(27)
	-15	(-26.1)	101.2	(29.7)	97.0	(28.4)	92.6	(27.1)	88.4	(25.9)	84.0	(24.6)	79.8	(23.4)
	-20	(-28.9)	87.6	(25.7)	83.8	(24.6)	80.0	(23.4)	76.2	(22.3)	72.4	(21.2)	68.8	(20.2)
	-25	(-31.7)	75.4	(22.1)	72.0	(21.1)	68.6	(20.1)	65.2	(19.1)	62.0	(18.2)	58.8	(17.2)
	-30	(-34.4)	64.2	(18.8)	61.2	(17.9)	58.4	(17.1)	55.4	(16.2)	52.6	(15.4)	49.8	(14.6)
	-35	(-37.2)	54.4	(15.9)	51.8	(15.2)	49.2	(14.4)	46.8	(13.7)	44.4	(13)	42.0	(12.3)
	-40	(-40)	45.8	(13.4)	43.6	(12.8)	41.4	(12.1)	39.4	(11.5)	37.4	(11)	35.4	(10.4)
KVD031L9-A Compressor 4YHNF46KE	0	(-17.8)	217.2	(63.7)	209.0	(61.3)	200.6	(58.8)	192.2	(56.3)	183.6	(53.8)	175.2	(51.3)
	-5	(-20.6)	192.2	(56.3)	184.8	(54.2)	177.2	(51.9)	169.6	(49.7)	161.8	(47.4)	154.2	(45.2)
	-10	(-23.3)	169.0	(49.5)	162.2	(47.5)	155.4	(45.5)	148.6	(43.6)	141.6	(41.5)	134.8	(39.5)
	-15	(-26.1)	147.6	(43.3)	141.4	(41.4)	135.4	(39.7)	129.2	(37.9)	123.0	(36)	116.8	(34.2)
	-20	(-28.9)	127.8	(37.5)	122.4	(35.9)	117.0	(34.3)	111.4	(32.6)	106.0	(31.1)	100.6	(29.5)
	-25	(-31.7)	109.8	(32.2)	105.0	(30.8)	100.2	(29.4)	95.4	(28)	90.6	(26.6)	85.8	(25.1)
	-30	(-34.4)	93.6	(27.4)	89.4	(26.2)	85.2	(25)	81.0	(23.7)	76.8	(22.5)	72.6	(21.3)
	-35	(-37.2)	79.2	(23.2)	75.4	(22.1)	71.8	(21)	68.2	(20)	64.6	(18.9)	61.0	(17.9)
	-40	(-40)	66.6	(19.5)	63.2	(18.5)	60.2	(17.6)	57.0	(16.7)	54.0	(15.8)	51.0	(14.9)
KVD045L9-A Compressor 4YHNF46KE	0	(-17.8)	262.4	(76.9)	252.2	(73.9)	242.0	(70.9)	231.8	(67.9)	221.4	(64.9)	211.0	(61.8)
	-5	(-20.6)	232.8	(68.2)	223.6	(65.5)	214.2	(62.8)	205.0	(60.1)	195.6	(57.3)	186.2	(54.6)
	-10	(-23.3)	205.0	(60.1)	196.8	(57.7)	188.4	(55.2)	180.0	(52.8)	171.6	(50.3)	163.0	(47.8)
	-15	(-26.1)	179.4	(52.6)	171.8	(50.3)	164.4	(48.2)	156.8	(46)	149.2	(43.7)	141.8	(41.6)
	-20	(-28.9)	155.6	(45.6)	149.0	(43.7)	142.2	(41.7)	135.6	(39.7)	129.0	(37.8)	122.2	(35.8)
	-25	(-31.7)	134.0	(39.3)	128.2	(37.6)	122.2	(35.8)	116.4	(34.1)	110.4	(32.4)	104.6	(30.7)
	-30	(-34.4)	114.6	(33.6)	109.4	(32.1)	104.2	(30.5)	99.0	(29)	94.0	(27.5)	89.0	(26.1)
	-35	(-37.2)	97.2	(28.5)	92.6	(27.1)	88.2	(25.8)	83.8	(24.6)	79.4	(23.3)	75.0	(22)
	-40	(-40)	81.8	(24)	78.0	(22.9)	74.2	(21.7)	70.4	(20.6)	66.8	(19.6)	63.2	(18.5)
KVD055L9-A Compressor 6YHNF68KE	0	(-17.8)	310.0	(90.9)	297.8	(87.3)	285.6	(83.7)	273.2	(80.1)	260.8	(76.4)	248.4	(72.8)
	-5	(-20.6)	275.0	(80.6)	264.0	(77.4)	252.8	(74.1)	241.6	(70.8)	230.4	(67.5)	219.2	(64.2)
	-10	(-23.3)	242.2	(71)	232.4	(68.1)	222.2	(65.1)	212.2	(62.2)	202.2	(59.3)	192.0	(56.3)
	-15	(-26.1)	212.0	(62.1)	203.0	(59.5)	194.0	(56.9)	185.0	(54.2)	176.0	(51.6)	167.0	(48.9)
	-20	(-28.9)	184.0	(53.9)	176.0	(51.6)	168.2	(49.3)	160.2	(46.9)	152.2	(44.6)	144.2	(42.3)
	-25	(-31.7)	158.6	(46.5)	151.6	(44.4)	144.4	(42.3)	137.4	(40.3)	130.6	(38.3)	123.6	(36.2)
	-30	(-34.4)	135.6	(39.7)	129.4	(37.9)	123.2	(36.1)	117.0	(34.3)	111.0	(32.5)	105.2	(30.8)
	-35	(-37.2)	115.0	(33.7)	109.6	(32.1)	104.2	(30.5)	99.0	(29)	93.8	(27.5)	88.8	(26)
	-40	(-40)	96.8	(28.4)	92.2	(27)	87.6	(25.7)	83.2	(24.4)	78.8	(23.1)	74.6	(21.9)

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

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DOUBLE WIDE LOW TEMPERATURE - R454C

“L9” R454C - DOUBLE WIDE

CONDENSING UNIT MODEL KVD	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVD061L9-A Compressor 6YJNF84KE	0	(-17.8)	373.0	(109.3)	358.2	(105)	343.2	(100.6)	328.2	(96.2)	313.2	(91.8)	-	-
	-5	(-20.6)	331.4	(97.1)	318.0	(93.2)	304.4	(89.2)	290.8	(85.2)	277.0	(81.2)	263.4	(77.2)
	-10	(-23.3)	292.4	(85.7)	280.4	(82.2)	268.0	(78.5)	255.8	(75)	243.6	(71.4)	231.2	(67.8)
	-15	(-26.1)	256.4	(75.1)	245.4	(71.9)	234.4	(68.7)	223.6	(65.5)	212.6	(62.3)	201.6	(59.1)
	-20	(-28.9)	223.0	(65.4)	213.2	(62.5)	203.6	(59.7)	193.8	(56.8)	184.2	(54)	174.6	(51.2)
	-25	(-31.7)	192.4	(56.4)	184.0	(53.9)	175.4	(51.4)	166.8	(48.9)	158.4	(46.4)	150.0	(44)
	-30	(-34.4)	164.8	(48.3)	157.4	(46.1)	149.8	(43.9)	142.6	(41.8)	135.2	(39.6)	128.0	(37.5)
	-35	(-37.2)	140.2	(41.1)	133.6	(39.2)	127.2	(37.3)	120.8	(35.4)	114.6	(33.6)	108.6	(31.8)
	-40	(-40)	118.4	(34.7)	112.8	(33.1)	107.2	(31.4)	102.0	(29.9)	96.8	(28.4)	91.8	(26.9)
KVD081L9-A Compressor 6YUNF10ME	0	(-17.8)	453.2	(132.8)	435.8	(127.7)	418.4	(122.6)	400.8	(117.5)	383.2	(112.3)	-	-
	-5	(-20.6)	401.8	(117.8)	386.0	(113.1)	370.2	(108.5)	354.2	(103.8)	338.4	(99.2)	322.4	(94.5)
	-10	(-23.3)	354.2	(103.8)	339.8	(99.6)	325.4	(95.4)	311.2	(91.2)	296.8	(87)	282.4	(82.8)
	-15	(-26.1)	310.0	(90.9)	297.2	(87.1)	284.2	(83.3)	271.4	(79.5)	258.6	(75.8)	245.8	(72)
	-20	(-28.9)	269.6	(79)	258.0	(75.6)	246.6	(72.3)	235.0	(68.9)	223.6	(65.5)	212.2	(62.2)
	-25	(-31.7)	232.8	(68.2)	222.6	(65.2)	212.4	(62.2)	202.2	(59.3)	192.0	(56.3)	182.0	(53.3)
	-30	(-34.4)	199.6	(58.5)	190.4	(55.8)	181.6	(53.2)	172.6	(50.6)	163.8	(48)	155.0	(45.4)
	-35	(-37.2)	169.8	(49.8)	162.0	(47.5)	154.2	(45.2)	146.4	(42.9)	138.8	(40.7)	131.4	(38.5)
	-40	(-40)	143.8	(42.1)	137.0	(40.2)	130.2	(38.2)	123.6	(36.2)	117.2	(34.3)	110.8	(32.5)

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

DOUBLE WIDE LOW TEMPERATURE - R455A

“L9” R455A - DOUBLE WIDE

CONDENSING UNIT MODEL KVD	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 455A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
	KVD021L9-A Compressor 3YS3F33KE	0	(-17.8)	156.0	(45.7)	149.6	(43.8)	143.4	(42)	137.0	(40.2)	130.6	(38.3)	-
-5		(-20.6)	137.8	(40.4)	132.2	(38.7)	126.4	(37)	120.6	(35.3)	114.8	(33.6)	109.0	(31.9)
-10		(-23.3)	121.0	(35.5)	115.8	(33.9)	110.6	(32.4)	105.4	(30.9)	100.4	(29.4)	95.2	(27.9)
-15		(-26.1)	105.4	(30.9)	100.8	(29.5)	96.2	(28.2)	91.6	(26.8)	87.0	(25.5)	82.4	(24.1)
-20		(-28.9)	91.2	(26.7)	87.0	(25.5)	83.0	(24.3)	78.8	(23.1)	74.8	(21.9)	70.6	(20.7)
-25		(-31.7)	78.2	(22.9)	74.4	(21.8)	70.8	(20.7)	67.2	(19.7)	63.6	(18.6)	60.2	(17.6)
-30		(-34.4)	66.4	(19.5)	63.2	(18.5)	60.0	(17.6)	56.8	(16.6)	53.8	(15.8)	50.8	(14.9)
-35		(-37.2)	56.0	(16.4)	53.2	(15.6)	50.4	(14.8)	47.8	(14)	45.2	(13.2)	42.6	(12.5)
-40		(-40)	46.8	(13.7)	44.4	(13)	42.0	(12.3)	39.8	(11.7)	37.6	(11)	35.4	(10.4)
KVD031L9-A Compressor 4YHNF46KE	0	(-17.8)	227.4	(66.6)	218.4	(64)	209.2	(61.3)	200.2	(58.7)	191.0	(56)	181.8	(53.3)
	-5	(-20.6)	201.0	(58.9)	192.8	(56.5)	184.6	(54.1)	176.4	(51.7)	168.2	(49.3)	160.0	(46.9)
	-10	(-23.3)	176.6	(51.8)	169.2	(49.6)	161.8	(47.4)	154.4	(45.3)	147.0	(43.1)	139.6	(40.9)
	-15	(-26.1)	154.0	(45.1)	147.4	(43.2)	140.8	(41.3)	134.0	(39.3)	127.4	(37.3)	120.8	(35.4)
	-20	(-28.9)	133.2	(39)	127.2	(37.3)	121.4	(35.6)	115.4	(33.8)	109.4	(32.1)	103.6	(30.4)
	-25	(-31.7)	114.2	(33.5)	109.0	(31.9)	103.6	(30.4)	98.4	(28.8)	93.2	(27.3)	88.0	(25.8)
	-30	(-34.4)	97.2	(28.5)	92.4	(27.1)	87.8	(25.7)	83.2	(24.4)	78.6	(23)	74.0	(21.7)
	-35	(-37.2)	81.8	(24)	77.8	(22.8)	73.6	(21.6)	69.6	(20.4)	65.6	(19.2)	61.6	(18.1)
	-40	(-40)	68.4	(20)	64.8	(19)	61.2	(17.9)	57.8	(16.9)	54.2	(15.9)	51.0	(14.9)
KVD045L9-A Compressor 4YHNF46KE	0	(-17.8)	274.0	(80.3)	263.0	(77.1)	251.8	(73.8)	240.8	(70.6)	229.8	(67.3)	-	-
	-5	(-20.6)	242.8	(71.2)	232.8	(68.2)	222.8	(65.3)	212.8	(62.4)	202.6	(59.4)	-	-
	-10	(-23.3)	213.6	(62.6)	204.6	(60)	195.6	(57.3)	186.6	(54.7)	177.6	(52)	168.4	(49.4)
	-15	(-26.1)	186.8	(54.7)	178.6	(52.3)	170.6	(50)	162.4	(47.6)	154.2	(45.2)	146.2	(42.8)
	-20	(-28.9)	161.8	(47.4)	154.6	(45.3)	147.4	(43.2)	140.2	(41.1)	133.0	(39)	125.8	(36.9)
	-25	(-31.7)	139.2	(40.8)	132.8	(38.9)	126.4	(37)	120.0	(35.2)	113.6	(33.3)	107.4	(31.5)
	-30	(-34.4)	118.8	(34.8)	113.0	(33.1)	107.4	(31.5)	101.8	(29.8)	96.4	(28.3)	90.8	(26.6)
	-35	(-37.2)	100.4	(29.4)	95.4	(28)	90.6	(26.6)	85.8	(25.1)	81.0	(23.7)	76.4	(22.4)
	-40	(-40)	84.4	(24.7)	80.2	(23.5)	76.0	(22.3)	71.8	(21)	67.8	(19.9)	63.8	(18.7)
KVD055L9-A Compressor 6YHNF68KE	0	(-17.8)	323.8	(94.9)	310.6	(91)	297.4	(87.2)	284.2	(83.3)	271.0	(79.4)	-	-
	-5	(-20.6)	286.8	(84.1)	274.8	(80.5)	263.0	(77.1)	251.0	(73.6)	239.0	(70)	-	-
	-10	(-23.3)	252.4	(74)	241.6	(70.8)	230.8	(67.6)	220.2	(64.5)	209.4	(61.4)	198.8	(58.3)
	-15	(-26.1)	220.4	(64.6)	210.8	(61.8)	201.2	(59)	191.6	(56.2)	182.0	(53.3)	172.6	(50.6)
	-20	(-28.9)	191.2	(56)	182.6	(53.5)	174.0	(51)	165.4	(48.5)	157.0	(46)	148.6	(43.6)
	-25	(-31.7)	164.4	(48.2)	156.8	(46)	149.2	(43.7)	141.6	(41.5)	134.2	(39.3)	126.8	(37.2)
	-30	(-34.4)	140.2	(41.1)	133.4	(39.1)	126.8	(37.2)	120.2	(35.2)	113.6	(33.3)	107.2	(31.4)
	-35	(-37.2)	118.6	(34.8)	112.6	(33)	106.8	(31.3)	101.0	(29.6)	95.4	(28)	89.8	(26.3)
	-40	(-40)	99.4	(29.1)	94.2	(27.6)	89.2	(26.1)	84.2	(24.7)	79.2	(23.2)	74.6	(21.9)

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

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DOUBLE WIDE LOW TEMPERATURE - R455A

“L9” R455A - DOUBLE WIDE

CONDENSING UNIT MODEL KVD	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
	KVD061L9-A Compressor 6YJNF84KE	0	(-17.8)	388.6	(113.9)	372.6	(109.2)	356.8	(104.6)	341.0	(99.9)	-	-	-
-5		(-20.6)	344.8	(101.1)	330.4	(96.8)	316.0	(92.6)	301.6	(88.4)	287.2	(84.2)	-	-
-10		(-23.3)	304.0	(89.1)	291.0	(85.3)	278.0	(81.5)	265.0	(77.7)	252.0	(73.9)	-	-
-15		(-26.1)	266.0	(78)	254.4	(74.6)	242.6	(71.1)	231.0	(67.7)	219.4	(64.3)	-	-
-20		(-28.9)	231.0	(67.7)	220.6	(64.7)	210.2	(61.6)	199.8	(58.6)	189.6	(55.6)	179.4	(52.6)
-25		(-31.7)	199.2	(58.4)	189.8	(55.6)	180.6	(52.9)	171.6	(50.3)	162.6	(47.7)	153.6	(45)
-30		(-34.4)	170.2	(49.9)	162.2	(47.5)	154.0	(45.1)	146.2	(42.8)	138.2	(40.5)	130.6	(38.3)
-35		(-37.2)	144.4	(42.3)	137.4	(40.3)	130.4	(38.2)	123.6	(36.2)	116.8	(34.2)	110.2	(32.3)
-40		(-40)	121.8	(35.7)	115.6	(33.9)	109.8	(32.2)	103.8	(30.4)	98.2	(28.8)	92.8	(27.2)
KVD081L9-A Compressor 6YUNF10ME	0	(-17.8)	470.0	(137.7)	451.0	(132.2)	432.0	(126.6)	413.0	(121)	394.0	(115.5)	-	-
	-5	(-20.6)	417.0	(122.2)	399.8	(117.2)	382.4	(112.1)	365.2	(107)	348.0	(102)	-	-
	-10	(-23.3)	367.4	(107.7)	352.0	(103.2)	336.4	(98.6)	320.8	(94)	305.4	(89.5)	-	-
	-15	(-26.1)	321.6	(94.3)	307.6	(90.1)	293.6	(86)	279.8	(82)	266.0	(78)	252.2	(73.9)
	-20	(-28.9)	279.2	(81.8)	266.8	(78.2)	254.4	(74.6)	242.0	(70.9)	229.8	(67.3)	217.6	(63.8)
	-25	(-31.7)	240.8	(70.6)	229.8	(67.3)	218.8	(64.1)	207.8	(60.9)	197.0	(57.7)	186.4	(54.6)
	-30	(-34.4)	206.0	(60.4)	196.2	(57.5)	186.6	(54.7)	177.0	(51.9)	167.6	(49.1)	158.2	(46.4)
	-35	(-37.2)	175.0	(51.3)	166.4	(48.8)	158.0	(46.3)	149.6	(43.8)	141.6	(41.5)	133.6	(39.2)
	-40	(-40)	147.8	(43.3)	140.4	(41.1)	133.0	(39)	126.0	(36.9)	119.0	(34.9)	112.2	(32.9)

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

LOW TEMPERATURE MODELS w/ 850RPM EC MOTOR(S) - R454A

“D9” R454A - DOUBLE WIDE

CONDENSING UNIT MODEL KVD	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVD021D9-A Compressor 3YS3F33KE	0	(-17.8)	172.2	(50.5)	165.4	(48.5)	158.6	(46.5)	151.8	(44.5)	145.0	(42.5)	-	-
	-5	(-20.6)	152.8	(44.8)	146.6	(43)	140.4	(41.1)	134.4	(39.4)	128.2	(37.6)	122.0	(35.8)
	-10	(-23.3)	134.8	(39.5)	129.2	(37.9)	123.6	(36.2)	118.0	(34.6)	112.4	(32.9)	107.0	(31.4)
	-15	(-26.1)	118.0	(34.6)	113.0	(33.1)	108.0	(31.7)	103.0	(30.2)	98.0	(28.7)	93.2	(27.3)
	-20	(-28.9)	102.6	(30.1)	98.0	(28.7)	93.6	(27.4)	89.2	(26.1)	84.8	(24.9)	80.4	(23.6)
	-25	(-31.7)	88.4	(25.9)	84.4	(24.7)	80.4	(23.6)	76.6	(22.4)	72.6	(21.3)	68.8	(20.2)
	-30	(-34.4)	75.6	(22.2)	72.0	(21.1)	68.6	(20.1)	65.0	(19)	61.6	(18.1)	58.2	(17.1)
	-35	(-37.2)	64.0	(18.8)	60.8	(17.8)	57.8	(16.9)	54.8	(16.1)	51.8	(15.2)	48.8	(14.3)
	-40	(-40)	53.8	(15.8)	51.0	(14.9)	48.2	(14.1)	45.6	(13.4)	43.0	(12.6)	40.4	(11.8)
KVD031D9-A Compressor 4YHNF46KE	0	(-17.8)	250.2	(73.3)	240.6	(70.5)	231.0	(67.7)	221.2	(64.8)	211.6	(62)	201.8	(59.1)
	-5	(-20.6)	222.2	(65.1)	213.6	(62.6)	204.8	(60)	196.0	(57.4)	187.2	(54.9)	178.4	(52.3)
	-10	(-23.3)	196.0	(57.4)	188.2	(55.2)	180.2	(52.8)	172.4	(50.5)	164.4	(48.2)	156.6	(45.9)
	-15	(-26.1)	171.6	(50.3)	164.6	(48.2)	157.4	(46.1)	150.4	(44.1)	143.2	(42)	136.2	(39.9)
	-20	(-28.9)	149.2	(43.7)	142.8	(41.9)	136.4	(40)	130.0	(38.1)	123.8	(36.3)	117.4	(34.4)
	-25	(-31.7)	128.6	(37.7)	122.8	(36)	117.2	(34.3)	111.6	(32.7)	105.8	(31)	100.2	(29.4)
	-30	(-34.4)	109.8	(32.2)	104.8	(30.7)	99.8	(29.2)	94.8	(27.8)	89.8	(26.3)	84.8	(24.9)
	-35	(-37.2)	93.0	(27.3)	88.6	(26)	84.2	(24.7)	79.6	(23.3)	75.2	(22)	71.0	(20.8)
	-40	(-40)	78.4	(23)	74.4	(21.8)	70.4	(20.6)	66.6	(19.5)	62.6	(18.3)	58.8	(17.2)
KVD045D9-A Compressor 4YHNF46KE	0	(-17.8)	302.6	(88.7)	291.0	(85.3)	279.2	(81.8)	267.4	(78.4)	255.6	(74.9)	-	-
	-5	(-20.6)	269.2	(78.9)	258.6	(75.8)	247.8	(72.6)	237.2	(69.5)	226.4	(66.4)	215.8	(63.2)
	-10	(-23.3)	237.8	(69.7)	228.2	(66.9)	218.6	(64.1)	209.0	(61.3)	199.2	(58.4)	189.6	(55.6)
	-15	(-26.1)	208.8	(61.2)	200.0	(58.6)	191.4	(56.1)	182.8	(53.6)	174.0	(51)	165.4	(48.5)
	-20	(-28.9)	181.8	(53.3)	174.0	(51)	166.2	(48.7)	158.6	(46.5)	150.8	(44.2)	143.2	(42)
	-25	(-31.7)	157.2	(46.1)	150.2	(44)	143.4	(42)	136.4	(40)	129.6	(38)	122.8	(36)
	-30	(-34.4)	134.8	(39.5)	128.6	(37.7)	122.4	(35.9)	116.4	(34.1)	110.4	(32.4)	104.4	(30.6)
	-35	(-37.2)	114.6	(33.6)	109.2	(32)	103.8	(30.4)	98.6	(28.9)	93.2	(27.3)	88.2	(25.8)
	-40	(-40)	97.0	(28.4)	92.2	(27)	87.4	(25.6)	82.8	(24.3)	78.2	(22.9)	73.8	(21.6)
KVD055D9-A Compressor 6YHNF68KE	0	(-17.8)	356.6	(104.5)	342.6	(100.4)	328.6	(96.3)	314.6	(92.2)	300.6	(88.1)	-	-
	-5	(-20.6)	317.2	(93)	304.6	(89.3)	292.0	(85.6)	279.2	(81.8)	266.6	(78.1)	254.0	(74.4)
	-10	(-23.3)	280.4	(82.2)	269.0	(78.8)	257.6	(75.5)	246.2	(72.2)	234.8	(68.8)	223.6	(65.5)
	-15	(-26.1)	246.2	(72.2)	235.8	(69.1)	225.6	(66.1)	215.4	(63.1)	205.4	(60.2)	195.2	(57.2)
	-20	(-28.9)	214.4	(62.8)	205.2	(60.1)	196.2	(57.5)	187.0	(54.8)	178.0	(52.2)	169.0	(49.5)
	-25	(-31.7)	185.4	(54.3)	177.2	(51.9)	169.2	(49.6)	161.0	(47.2)	153.0	(44.8)	145.0	(42.5)
	-30	(-34.4)	159.0	(46.6)	151.8	(44.5)	144.6	(42.4)	137.4	(40.3)	130.2	(38.2)	123.2	(36.1)
	-35	(-37.2)	135.4	(39.7)	129.0	(37.8)	122.6	(35.9)	116.2	(34.1)	109.8	(32.2)	103.6	(30.4)
	-40	(-40)	114.6	(33.6)	108.8	(31.9)	103.0	(30.2)	97.4	(28.5)	91.8	(26.9)	86.4	(25.3)

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

LOW TEMPERATURE MODELS w/ 850RPM EC MOTOR(S) - R454C

"D9" R454C - DOUBLE WIDE

CONDENSING UNIT MODEL KVD	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 454C-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVD021D9-A Compressor 3YS3F33KE	0	(-17.8)	146.8	(43)	141.0	(41.3)	135.2	(39.6)	129.4	(37.9)	123.6	(36.2)	117.6	(34.5)
	-5	(-20.6)	130.0	(38.1)	124.8	(36.6)	119.4	(35)	114.2	(33.5)	108.8	(31.9)	103.6	(30.4)
	-10	(-23.3)	114.4	(33.5)	109.6	(32.1)	104.8	(30.7)	100.0	(29.3)	95.4	(28)	90.6	(26.6)
	-15	(-26.1)	99.8	(29.2)	95.6	(28)	91.4	(26.8)	87.0	(25.5)	82.8	(24.3)	78.6	(23)
	-20	(-28.9)	86.6	(25.4)	82.8	(24.3)	79.0	(23.2)	75.2	(22)	71.4	(20.9)	67.8	(19.9)
	-25	(-31.7)	74.4	(21.8)	71.0	(20.8)	67.8	(19.9)	64.4	(18.9)	61.2	(17.9)	58.0	(17)
	-30	(-34.4)	63.6	(18.6)	60.6	(17.8)	57.6	(16.9)	54.8	(16.1)	52.0	(15.2)	49.2	(14.4)
	-35	(-37.2)	53.8	(15.8)	51.2	(15)	48.8	(14.3)	46.4	(13.6)	44.0	(12.9)	41.6	(12.2)
	-40	(-40)	45.4	(13.3)	43.2	(12.7)	41.0	(12)	39.0	(11.4)	37.0	(10.8)	35.2	(10.3)
KVD031D9-A Compressor 4YHNF46KE	0	(-17.8)	215.0	(63)	206.6	(60.5)	198.4	(58.1)	190.0	(55.7)	181.4	(53.2)	173.0	(50.7)
	-5	(-20.6)	190.4	(55.8)	182.8	(53.6)	175.2	(51.3)	167.6	(49.1)	160.0	(46.9)	152.4	(44.7)
	-10	(-23.3)	167.4	(49.1)	160.6	(47.1)	153.8	(45.1)	147.0	(43.1)	140.2	(41.1)	133.2	(39)
	-15	(-26.1)	146.2	(42.8)	140.2	(41.1)	134.0	(39.3)	128.0	(37.5)	121.8	(35.7)	115.6	(33.9)
	-20	(-28.9)	126.8	(37.2)	121.4	(35.6)	115.8	(33.9)	110.4	(32.4)	105.0	(30.8)	99.6	(29.2)
	-25	(-31.7)	109.0	(31.9)	104.2	(30.5)	99.4	(29.1)	94.6	(27.7)	89.8	(26.3)	85.0	(24.9)
	-30	(-34.4)	93.0	(27.3)	88.6	(26)	84.4	(24.7)	80.2	(23.5)	76.2	(22.3)	72.0	(21.1)
	-35	(-37.2)	78.6	(23)	75.0	(22)	71.2	(20.9)	67.6	(19.8)	64.0	(18.8)	60.6	(17.8)
	-40	(-40)	66.0	(19.3)	62.8	(18.4)	59.8	(17.5)	56.6	(16.6)	53.6	(15.7)	50.8	(14.9)
KVD045D9-A Compressor 4YHNF46KE	0	(-17.8)	259.2	(76)	249.0	(73)	239.0	(70)	228.6	(67)	218.4	(64)	208.0	(61)
	-5	(-20.6)	230.0	(67.4)	220.8	(64.7)	211.6	(62)	202.4	(59.3)	193.0	(56.6)	183.6	(53.8)
	-10	(-23.3)	202.8	(59.4)	194.4	(57)	186.2	(54.6)	177.8	(52.1)	169.4	(49.6)	161.0	(47.2)
	-15	(-26.1)	177.4	(52)	170.0	(49.8)	162.6	(47.7)	155.0	(45.4)	147.6	(43.3)	140.0	(41)
	-20	(-28.9)	154.2	(45.2)	147.4	(43.2)	140.8	(41.3)	134.2	(39.3)	127.6	(37.4)	120.8	(35.4)
	-25	(-31.7)	132.8	(38.9)	126.8	(37.2)	121.0	(35.5)	115.2	(33.8)	109.4	(32.1)	103.6	(30.4)
	-30	(-34.4)	113.6	(33.3)	108.4	(31.8)	103.2	(30.2)	98.0	(28.7)	93.0	(27.3)	88.0	(25.8)
	-35	(-37.2)	96.4	(28.3)	91.8	(26.9)	87.4	(25.6)	83.0	(24.3)	78.6	(23)	74.4	(21.8)
	-40	(-40)	81.2	(23.8)	77.4	(22.7)	73.6	(21.6)	69.8	(20.5)	66.2	(19.4)	62.8	(18.4)
KVD055D9-A Compressor 6YHNF68KE	0	(-17.8)	305.0	(89.4)	293.0	(85.9)	280.6	(82.2)	268.4	(78.7)	256.0	(75)	-	-
	-5	(-20.6)	270.8	(79.4)	259.8	(76.1)	248.8	(72.9)	237.6	(69.6)	226.4	(66.4)	215.2	(63.1)
	-10	(-23.3)	238.8	(70)	228.8	(67.1)	219.0	(64.2)	209.0	(61.3)	198.8	(58.3)	188.8	(55.3)
	-15	(-26.1)	209.2	(61.3)	200.2	(58.7)	191.2	(56)	182.4	(53.5)	173.4	(50.8)	164.4	(48.2)
	-20	(-28.9)	181.8	(53.3)	173.8	(50.9)	165.8	(48.6)	158.0	(46.3)	150.0	(44)	142.2	(41.7)
	-25	(-31.7)	156.6	(45.9)	149.6	(43.8)	142.6	(41.8)	135.6	(39.7)	128.8	(37.7)	122.0	(35.8)
	-30	(-34.4)	134.0	(39.3)	127.8	(37.5)	121.8	(35.7)	115.6	(33.9)	109.6	(32.1)	103.8	(30.4)
	-35	(-37.2)	113.8	(33.4)	108.4	(31.8)	103.0	(30.2)	97.8	(28.7)	92.8	(27.2)	87.8	(25.7)
	-40	(-40)	95.8	(28.1)	91.2	(26.7)	86.8	(25.4)	82.4	(24.1)	78.0	(22.9)	74.0	(21.7)

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

LOW TEMPERATURE MODELS w/ 850RPM EC MOTOR(S) - R455A

“D9” R455A - DOUBLE WIDE

CONDENSING UNIT MODEL KVD	SATURATED SUCTION TEMPERATURE		CAPACITY MBH (KW) 455A-MEAN AMBIENT TEMPERATURE °F (°C)											
	°F	(°C)	85	(29.4)	90	(32.2)	95	(35)	100	(37.8)	105	(40.6)	110	(43.3)
KVD021D9-A Compressor 3YS3F33KE	0	(-17.8)	153.4	(45)	147.2	(43.1)	140.8	(41.3)	134.4	(39.4)	128.2	(37.6)	-	-
	-5	(-20.6)	135.8	(39.8)	130.0	(38.1)	124.4	(36.5)	118.6	(34.8)	112.8	(33.1)	-	-
	-10	(-23.3)	119.2	(34.9)	114.2	(33.5)	109.0	(31.9)	103.8	(30.4)	98.6	(28.9)	93.6	(27.4)
	-15	(-26.1)	104.0	(30.5)	99.4	(29.1)	94.8	(27.8)	90.2	(26.4)	85.6	(25.1)	81.0	(23.7)
	-20	(-28.9)	90.0	(26.4)	85.8	(25.1)	81.8	(24)	77.6	(22.7)	73.6	(21.6)	69.6	(20.4)
	-25	(-31.7)	77.2	(22.6)	73.6	(21.6)	70.0	(20.5)	66.4	(19.5)	62.8	(18.4)	59.4	(17.4)
	-30	(-34.4)	65.6	(19.2)	62.4	(18.3)	59.2	(17.3)	56.2	(16.5)	53.2	(15.6)	50.2	(14.7)
	-35	(-37.2)	55.4	(16.2)	52.6	(15.4)	49.8	(14.6)	47.2	(13.8)	44.6	(13.1)	42.0	(12.3)
	-40	(-40)	46.4	(13.6)	44.0	(12.9)	41.6	(12.2)	39.4	(11.5)	37.2	(10.9)	35.0	(10.3)
KVD031D9-A Compressor 4YHNF46KE	0	(-17.8)	224.8	(65.9)	215.8	(63.2)	206.8	(60.6)	197.8	(58)	188.6	(55.3)	-	-
	-5	(-20.6)	199.0	(58.3)	190.8	(55.9)	182.6	(53.5)	174.4	(51.1)	166.2	(48.7)	158.0	(46.3)
	-10	(-23.3)	174.8	(51.2)	167.4	(49.1)	160.0	(46.9)	152.8	(44.8)	145.4	(42.6)	138.0	(40.4)
	-15	(-26.1)	152.4	(44.7)	145.8	(42.7)	139.2	(40.8)	132.6	(38.9)	126.0	(36.9)	119.4	(35)
	-20	(-28.9)	132.0	(38.7)	126.0	(36.9)	120.2	(35.2)	114.2	(33.5)	108.4	(31.8)	102.4	(30)
	-25	(-31.7)	113.2	(33.2)	108.0	(31.7)	102.6	(30.1)	97.4	(28.5)	92.2	(27)	87.2	(25.6)
	-30	(-34.4)	96.2	(28.2)	91.6	(26.8)	87.0	(25.5)	82.4	(24.1)	77.8	(22.8)	73.4	(21.5)
	-35	(-37.2)	81.2	(23.8)	77.0	(22.6)	73.0	(21.4)	69.0	(20.2)	65.0	(19)	61.0	(17.9)
	-40	(-40)	67.8	(19.9)	64.2	(18.8)	60.8	(17.8)	57.2	(16.8)	53.8	(15.8)	50.4	(14.8)
KVD045D9-A Compressor 4YHNF46KE	0	(-17.8)	270.4	(79.2)	259.4	(76)	248.4	(72.8)	237.4	(69.6)	226.4	(66.4)	-	-
	-5	(-20.6)	239.8	(70.3)	229.8	(67.3)	219.8	(64.4)	209.8	(61.5)	199.8	(58.6)	-	-
	-10	(-23.3)	211.2	(61.9)	202.2	(59.3)	193.2	(56.6)	184.2	(54)	175.2	(51.3)	-	-
	-15	(-26.1)	184.6	(54.1)	176.6	(51.8)	168.4	(49.4)	160.4	(47)	152.4	(44.7)	144.4	(42.3)
	-20	(-28.9)	160.2	(46.9)	153.0	(44.8)	145.8	(42.7)	138.6	(40.6)	131.4	(38.5)	124.2	(36.4)
	-25	(-31.7)	137.8	(40.4)	131.4	(38.5)	125.0	(36.6)	118.6	(34.8)	112.4	(32.9)	106.2	(31.1)
	-30	(-34.4)	117.6	(34.5)	112.0	(32.8)	106.4	(31.2)	100.8	(29.5)	95.2	(27.9)	89.8	(26.3)
	-35	(-37.2)	99.6	(29.2)	94.6	(27.7)	89.8	(26.3)	85.0	(24.9)	80.2	(23.5)	75.6	(22.2)
	-40	(-40)	83.6	(24.5)	79.4	(23.3)	75.2	(22)	71.2	(20.9)	67.0	(19.6)	63.2	(18.5)
KVD055D9-A Compressor 6YHNF68KE	0	(-17.8)	318.2	(93.3)	305.2	(89.4)	292.2	(85.6)	279.0	(81.8)	265.8	(77.9)	-	-
	-5	(-20.6)	282.2	(82.7)	270.4	(79.2)	258.4	(75.7)	246.6	(72.3)	234.8	(68.8)	-	-
	-10	(-23.3)	248.6	(72.9)	237.8	(69.7)	227.2	(66.6)	216.4	(63.4)	205.8	(60.3)	-	-
	-15	(-26.1)	217.2	(63.7)	207.8	(60.9)	198.2	(58.1)	188.6	(55.3)	179.2	(52.5)	169.6	(49.7)
	-20	(-28.9)	188.6	(55.3)	180.0	(52.8)	171.4	(50.2)	163.0	(47.8)	154.6	(45.3)	146.2	(42.8)
	-25	(-31.7)	162.2	(47.5)	154.6	(45.3)	147.2	(43.1)	139.6	(40.9)	132.2	(38.7)	124.8	(36.6)
	-30	(-34.4)	138.4	(40.6)	131.8	(38.6)	125.2	(36.7)	118.6	(34.8)	112.0	(32.8)	105.8	(31)
	-35	(-37.2)	117.2	(34.3)	111.2	(32.6)	105.4	(30.9)	99.8	(29.2)	94.2	(27.6)	88.6	(26)
	-40	(-40)	98.2	(28.8)	93.2	(27.3)	88.0	(25.8)	83.2	(24.4)	78.4	(23)	73.6	(21.6)

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

HIGH EFFICIENCY SINGLE COMPRESSOR MODELS

CONDENSING UNIT MODEL KVS	COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		CONDENSER FAN MOTOR			UNIT		
			RLA	LRA	QTY	WATTS	FLA	MCA	MOP	
KVS016H9 -	HT3E-A	3YS3R16ME-TFC	208-230/3/60	59.6	275	2	3700	13.2	87.7	125
	HT4E-A	3YS3R16ME-TFD	460/3/60	29.0	138	2	3700	6.2	42.5	70
	HT5E-A	3YS3R16ME-TFE	575/3/60	23.6	110	2	3700	5.0	34.5	50
KVS021H9 -	HT3E-A	4YANR15ME-TSK	208-230/3/60	63.6	308	2	3700	13.2	92.7	150
	HT4E-A	4YANR15ME-TSK	460/3/60	31.8	154	2	3700	6.2	46.0	70
	HT5E-A	4YANR15ME-TSE	575/3/60	24.5	135	2	3700	5.0	35.6	60
KVS023H9 -	HT3E-A	4YBNR19ME-TSK	208-230/3/60	72.1	374	2	3700	13.2	103.3	175
	HT4E-A	4YBNR19ME-TSK	460/3/60	36.1	187	2	3700	6.2	51.3	80
	HT5E-A	4YBNR19ME-TSE	575/3/60	31.4	135	2	3700	5.0	44.3	70
KVS026H9 -	HT3E-A	4YHNR22ME-TSK	208-230/3/60	74.4	428	3	5550	19.8	112.8	175
	HT4E-A	4YHNR22ME-TSK	460/3/60	37.2	214	3	5550	9.3	55.8	90
	HT5E-A	4YHNR22ME-TSE	575/3/60	33.3	172	3	5550	7.5	49.1	80
KVS031H9 -	HT3E-A	4YJNR27ME-TSK	208-230/3/60	105.4	470	3	5550	19.8	151.6	250
	HT4E-A	4YJNR27ME-TSK	460/3/60	52.7	235	3	5550	9.3	75.2	125
	HT5E-A	4YJNR27ME-TSE	575/3/60	44.1	200	3	5550	7.5	62.6	100
KVS036H9 -	HT3E-A	6YHNR32ME-TSK	208-230/3/60	125.1	565	4	7400	26.4	182.8	300
	HT4E-A	6YHNR32ME-TSK	460/3/60	62.6	283	4	7400	12.4	90.7	150
	HT5E-A	6YHNR32ME-TSE	575/3/60	40.7	230	4	7400	10.0	60.9	100
KVS041H9 -	HD3E-A	6YJNR39ME-TSN*	230/3/60	142.9	594	4	7400	26.4	205.0	300
	HT4E-A	6YJNR39ME-TSN	460/3/60	71.4	297	4	7400	12.4	101.7	150
	HT5E-A	6YJNR39ME-TSE	575/3/60	51.4	245	4	7400	10.0	74.3	125
KVS016M9 -	HT3E-A	3YS3R16ME-TFC	208-230/3/60	59.6	275	2	3700	13.2	87.7	125
	HT4E-A	3YS3R16ME-TFD	460/3/60	29.0	138	2	3700	6.2	42.5	70
	HT5E-A	3YS3R16ME-TFE	575/3/60	23.6	110	2	3700	5.0	34.5	50
KVS021M9 -	HT3E-A	4YANR15ME-TSK	208-230/3/60	63.6	308	2	3700	13.2	92.7	150
	HT4E-A	4YANR15ME-TSK	460/3/60	31.8	154	2	3700	6.2	46.0	70
	HT5E-A	4YANR15ME-TSE	575/3/60	24.5	135	2	3700	5.0	35.6	60
KVS023M9 -	HT3E-A	4YBNR19ME-TSK	208-230/3/60	72.1	374	2	3700	13.2	103.3	175
	HT4E-A	4YBNR19ME-TSK	460/3/60	36.1	187	2	3700	6.2	51.3	80
	HT5E-A	4YBNR19ME-TSE	575/3/60	31.4	135	2	3700	5.0	44.3	70
KVS026M9 -	HT3E-A	4YHNR22ME-TSK	208-230/3/60	74.4	428	3	5550	19.8	112.8	175
	HT4E-A	4YHNR22ME-TSK	460/3/60	37.2	214	3	5550	9.3	55.8	90
	HT5E-A	4YHNR22ME-TSE	575/3/60	33.3	172	3	5550	7.5	49.1	80
KVS031M9 -	HT3E-A	4YJNR27ME-TSK	208-230/3/60	105.4	470	3	5550	19.8	151.6	250
	HT4E-A	4YJNR27ME-TSK	460/3/60	52.7	235	3	5550	9.3	75.2	125
	HT5E-A	4YJNR27ME-TSE	575/3/60	44.1	200	3	5550	7.5	62.6	100
KVS036M9 -	HT3E-A	6YHNR32ME-TSK	208-230/3/60	125.1	565	4	7400	26.4	182.8	300
	HT4E-A	6YHNR32ME-TSK	460/3/60	62.6	283	4	7400	12.4	90.7	150
	HT5E-A	6YHNR32ME-TSE	575/3/60	40.7	230	4	7400	10.0	60.9	100
KVS041M9 -	HD3E-A	6YJNR39ME-TSN*	230/3/60	142.9	594	4	7400	26.4	205.0	300
	HT4E-A	6YJNR39ME-TSN	460/3/60	71.4	297	4	7400	12.4	101.7	150
	HT5E-A	6YJNR39ME-TSE	575/3/60	51.4	245	4	7400	10.0	74.3	125
KVS051M9 -	HD3E-A	6YUNR48ME-AWD	460/3/60	83.6	482	4	7400	12.4	116.9	200
	HT4E-A	6YUNR48ME-TSE	575/3/60	62.6	335.2	4	7400	10.0	88.3	150
KVS011L9 -	HT3E-A	3YS3F33KE-TFC	208-230/3/60	41.4	215	1	1850	6.6	58.4	90
	HT4E-A	3YS3F33KE-TFD	460/3/60	18.6	106	1	1850	3.1	26.4	40
	HT5E-A	3YS3F33KE-TFE	575/3/60	16.2	84	1	1850	2.5	22.8	35
KVS016L9 -	HT3E-A	4YHNF46KE-TSK	208-230/3/60	52.6	278	2	3700	13.2	79.0	125
	HT4E-A	4YHNF46KE-TSK	460/3/60	26.3	139	2	3700	6.2	39.1	60
	HT5E-A	4YHNF46KE-TSE	575/3/60	20.9	113	2	3700	5.0	31.1	50
KVS023L9 -	HT3E-A	4YJNF59KE-TSK	208-230/3/60	64.3	374	2	3700	13.2	93.6	150
	HT4E-A	4YJNF59KE-TSK	460/3/60	32.1	187	2	3700	6.2	46.3	70
	HT5E-A	4YJNF59KE-TSE	575/3/60	29.1	135	2	3700	5.0	41.4	70
KVS028L9 -	HT3E-A	6YHNF68KE-TSK	208-230/3/60	80.7	450	2	3700	13.2	114.1	175
	HT4E-A	6YHNF68KE-TSK	460/3/60	40.4	225	2	3700	6.2	56.7	90
	HT5E-A	6YHNF68KE-TSE	575/3/60	32.5	172	2	3700	5.0	45.6	70
KVS031L9 -	HT3E-A	6YJNF84KE-TSK	208-230/3/60	95.6	470	2	3700	13.2	132.7	225
	HT4E-A	6YJNF84KE-TSK	460/3/60	47.8	235	2	3700	6.2	66.0	110
	HT5E-A	6YJNF84KE-TSE	575/3/60	39.6	200	2	3700	5.0	54.5	90
KVS041L9 -	HT3E-A	6YUNF10ME-AWD	460/3/60	67.9	367	3	5550	9.3	94.2	150
	HT4E-A	6YUNF10ME-TSE	575/3/60	53.5	335.2	3	5550	7.5	74.4	125
KVS011D9 -	HT3E-A	3YS3F33KE-TFC	208-230/3/60	41.4	215	1	900	4.9	56.7	90
	HT4E-A	3YS3F33KE-TFD	460/3/60	18.6	106	1	900	2.2	25.5	40
	HT5E-A	3YS3F33KE-TFE	575/3/60	16.2	84	1	900	2.1	22.4	35
KVS016D9 -	HT3E-A	4YHNF46KE-TSK	208-230/3/60	52.6	278	2	1800	9.8	75.6	125
	HT4E-A	4YHNF46KE-TSK	460/3/60	26.3	139	2	1800	4.4	37.3	60
	HT5E-A	4YHNF46KE-TSE	575/3/60	20.9	113	2	1800	4.2	30.3	50
KVS023D9 -	HT3E-A	4YJNF59KE-TSK	208-230/3/60	64.3	374	2	1800	9.8	90.2	150
	HT4E-A	4YJNF59KE-TSK	460/3/60	32.1	187	2	1800	4.4	44.5	70
	HT5E-A	4YJNF59KE-TSE	575/3/60	29.1	135	2	1800	4.2	40.6	60
KVS028D9 -	HT3E-A	6YHNF68KE-TSK	208-230/3/60	80.7	450	2	1800	9.8	110.7	175
	HT4E-A	6YHNF68KE-TSK	460/3/60	40.4	225	2	1800	4.4	54.9	90
	HT5E-A	6YHNF68KE-TSE	575/3/60	32.5	172	2	1800	4.2	44.8	70
KVS031D9 -	HT3E-A	6YJNF84KE-TSK	208-230/3/60	95.6	470	2	1800	9.8	129.3	200
	HT4E-A	6YJNF84KE-TSK	460/3/60	47.8	235	2	1800	4.4	64.2	110
	HT5E-A	6YJNF84KE-TSE	575/3/60	39.6	200	2	1800	4.2	53.7	90

** 6YJ only available in 230V

HIGH EFFICIENCY DOUBLE COMPRESSOR MODELS

CONDENSING UNIT MODEL KVS	COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		CONDENSER FAN MOTOR			UNIT		
			RLA	LRA	QTY	WATTS	FLA	MCA	MOP	
KVD031H9 -	HT3E-A	3YS3R16ME-TFC	208-230/3/60	59.6	275	4	7400	26.4	160.5	200
	HT4E-A	3YS3R16ME-TFD	460/3/60	29.0	138	4	7400	12.4	77.7	100
	HT5E-A	3YS3R16ME-TFE	575/3/60	23.6	110	4	7400	10.0	63.1	80
KVD041H9 -	HT3E-A	4YANR15ME-TSK	208-230/3/60	63.6	308	4	7400	26.4	169.5	225
	HT4E-A	4YANR15ME-TSK	460/3/60	31.8	154	4	7400	12.4	84.0	110
	HT5E-A	4YANR15ME-TSE	575/3/60	24.5	135	4	7400	10.0	65.1	80
KVD045H9 -	HT3E-A	4YBNR19ME-TSK	208-230/3/60	72.1	374	4	7400	26.4	188.6	250
	HT4E-A	4YBNR19ME-TSK	460/3/60	36.1	187	4	7400	12.4	93.6	125
	HT5E-A	4YBNR19ME-TSE	575/3/60	31.4	135	4	7400	10.0	80.7	110
KVD051H9 -	HT3E-A	4YHNR22ME-TSK	208-230/3/60	74.4	428	6	11100	39.6	207.0	250
	HT4E-A	4YHNR22ME-TSK	460/3/60	37.2	214	6	11100	18.6	102.3	125
	HT5E-A	4YHNR22ME-TSE	575/3/60	33.3	172	6	11100	15.0	89.9	110
KVD061H9 -	HT3E-A	4YJNR27ME-TSK	208-230/3/60	105.4	470	6	11100	39.6	276.8	350
	HT4E-A	4YJNR27ME-TSK	460/3/60	52.7	235	6	11100	18.6	137.2	175
	HT5E-A	4YJNR27ME-TSE	575/3/60	44.1	200	6	11100	15.0	114.2	150
KVD071H9 -	HT3E-A	6YHNR32ME-TSK	208-230/3/60	125.1	565	8	14800	52.8	334.3	450
	HT4E-A	6YHNR32ME-TSK	460/3/60	62.6	283	8	14800	24.8	165.7	225
	HT5E-A	6YHNR32ME-TSE	575/3/60	40.7	230	8	14800	20.0	111.6	150
KVD081H9	HD3E-A	6YJNR39ME-TSN*	230/3/60	142.9	594	8	14800	52.8	374.3	500
	HT4E-A	6YJNR39ME-TSN	460/3/60	71.4	297	8	14800	24.8	185.5	250
	HT5E-A	6YJNR39ME-TSE	575/3/60	51.4	245	8	14800	20.0	135.7	175
KVD031M9 -	HT3E-A	3YS3R16ME-TFC	208-230/3/60	59.6	275	4	7400	26.4	160.5	200
	HT4E-A	3YS3R16ME-TFD	460/3/60	29.0	138	4	7400	12.4	77.7	100
	HT5E-A	3YS3R16ME-TFE	575/3/60	23.6	110	4	7400	10.0	63.1	80
KVD041M9 -	HT3E-A	4YANR15ME-TSK	208-230/3/60	63.6	308	4	7400	26.4	169.5	225
	HT4E-A	4YANR15ME-TSK	460/3/60	31.8	154	4	7400	12.4	84.0	110
	HT5E-A	4YANR15ME-TSE	575/3/60	24.5	135	4	7400	10.0	65.1	80
KVD045M9 -	HT3E-A	4YBNR19ME-TSK	208-230/3/60	72.1	374	4	7400	26.4	188.6	250
	HT4E-A	4YBNR19ME-TSK	460/3/60	36.1	187	4	7400	12.4	93.6	125
	HT5E-A	4YBNR19ME-TSE	575/3/60	31.4	135	4	7400	10.0	80.7	110
KVD051M9 -	HT3E-A	4YHNR22ME-TSK	208-230/3/60	74.4	428	6	11100	39.6	207.0	250
	HT4E-A	4YHNR22ME-TSK	460/3/60	37.2	214	6	11100	18.6	102.3	125
	HT5E-A	4YHNR22ME-TSE	575/3/60	33.3	172	6	11100	15.0	89.9	110
KVD061M9 -	HT3E-A	4YJNR27ME-TSK	208-230/3/60	105.4	470	6	11100	39.6	276.8	350
	HT4E-A	4YJNR27ME-TSK	460/3/60	52.7	235	6	11100	18.6	137.2	175
	HT5E-A	4YJNR27ME-TSE	575/3/60	44.1	200	6	11100	15.0	114.2	150
KVD071M9 -	HT3E-A	6YHNR32ME-TSK	208-230/3/60	125.1	565	8	14800	52.8	334.3	450
	HT4E-A	6YHNR32ME-TSK	460/3/60	62.6	283	8	14800	24.8	165.7	225
	HT5E-A	6YHNR32ME-TSE	575/3/60	40.7	230	8	14800	20.0	111.6	150
KVD081M9 -	HD3E-A	6YJNR39ME-TSN*	230/3/60	142.9	594	8	14800	52.8	374.3	500
	HT4E-A	6YJNR39ME-TSN	460/3/60	71.4	297	8	14800	24.8	185.5	250
	HT5E-A	6YJNR39ME-TSE	575/3/60	51.4	245	8	14800	20.0	135.7	175
KVD101M9 -	HD3E-A	6YUNR48ME-AWD	460/3/60	83.6	482	8	14800	24.8	212.9	250
	HT4E-A	6YUNR48ME-TSE	575/3/60	62.6	335.2	8	14800	20.0	160.9	200

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HIGH EFFICIENCY DUAL COMPRESSOR MODELS

CONDENSING UNIT MODEL KVS	COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		CONDENSER FAN MOTOR			UNIT		
			RLA	LRA	QTY	WATTS	FLA	MCA	MOP	
KVD021L9 -	HT3E-A	3YS3F33KE-TFC	208-230/3/60	41.4	215	2	3700	13.2	106.4	125
	HT4E-A	3YS3F33KE-TFD	460/3/60	18.6	106	2	3700	6.2	48.1	60
	HT5E-A	3YS3F33KE-TFE	575/3/60	16.2	84	2	3700	5.0	41.5	50
KVD031L9 -	HT3E-A	4YHNF46KE-TSK	208-230/3/60	52.6	278	4	7400	26.4	144.8	175
	HT4E-A	4YHNF46KE-TSK	460/3/60	26.3	139	4	7400	12.4	71.6	90
	HT5E-A	4YHNF46KE-TSE	575/3/60	20.9	113	4	7400	10.0	57.0	70
KVD045L9 -	HT3E-A	4YJNF59KE-TSK	208-230/3/60	64.3	374	4	7400	26.4	171.1	225
	HT4E-A	4YJNF59KE-TSK	460/3/60	32.1	187	4	7400	12.4	84.6	110
	HT5E-A	4YJNF59KE-TSE	575/3/60	29.1	135	4	7400	10.0	75.5	100
KVD055L9 -	HT3E-A	6YHNF68KE-TSK	208-230/3/60	80.7	450	4	7400	26.4	208.0	250
	HT4E-A	6YHNF68KE-TSK	460/3/60	40.4	225	4	7400	12.4	103.3	125
	HT5E-A	6YHNF68KE-TSE	575/3/60	32.5	172	4	7400	10.0	83.1	110
KVD061L9 -	HT3E-A	6YJNF84KE-TSK	208-230/3/60	95.6	470	4	7400	26.4	241.5	300
	HT4E-A	6YJNF84KE-TSK	460/3/60	47.8	235	4	7400	12.4	120.0	150
	HT5E-A	6YJNF84KE-TSE	575/3/60	39.6	200	4	7400	10.0	99.1	125
KVD081L9 -	HT4E-A	6YUNF10ME-AWD	460/3/60	67.9	367	6	11100	18.6	171.4	225
	HT5E-A	6YUNF10ME-TSE	575/3/60	53.5	335.2	6	11100	15.0	135.4	175
KVD021D9 -	HT3E-A	3YS3F33KE-TFC	208-230/3/60	41.4	215	2	1800	9.8	103.0	125
	HT4E-A	3YS3F33KE-TFD	460/3/60	18.6	106	2	1800	4.4	46.3	60
	HT5E-A	3YS3F33KE-TFE	575/3/60	16.2	84	2	1800	4.2	40.7	50
KVD031D9 -	HT3E-A	4YHNF46KE-TSK	208-230/3/60	52.6	278	4	3600	19.6	138.0	175
	HT4E-A	4YHNF46KE-TSK	460/3/60	26.3	139	4	3600	8.8	68.0	90
	HT5E-A	4YHNF46KE-TSE	575/3/60	20.9	113	4	3600	8.4	55.4	70
KVD045D9 -	HT3E-A	4YJNF59KE-TSK	208-230/3/60	64.3	374	4	3600	19.6	164.3	225
	HT4E-A	4YJNF59KE-TSK	460/3/60	32.1	187	4	3600	8.8	81.0	110
	HT5E-A	4YJNF59KE-TSE	575/3/60	29.1	135	4	3600	8.4	73.9	100
KVD055D9 -	HT3E-A	6YHNF68KE-TSK	208-230/3/60	80.7	450	4	3600	19.6	201.2	250
	HT4E-A	6YHNF68KE-TSK	460/3/60	40.4	225	4	3600	8.8	99.7	125
	HT5E-A	6YHNF68KE-TSE	575/3/60	32.5	172	4	3600	8.4	81.5	110
KVD061D9 -	HT3E-A	6YJNF84KE-TSK	208-230/3/60	95.6	470	4	3600	19.6	234.7	300
	HT4E-A	6YJNF84KE-TSK	460/3/60	47.8	235	4	3600	8.8	116.4	150
	HT5E-A	6YJNF84KE-TSE	575/3/60	39.6	200	4	3600	8.4	97.5	125

** A 6YJNR only available in 230V

SINGLE COMPRESSOR MODELS LIMITROL 

CONDENSING UNIT MODEL KVS	COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		CONDENSER FAN MOTOR			UNIT		
			RLA	LRA	QTY	WATTS	FLA	MCA	MOP	
KVS016H9 -	HT3E-A	3YS3R16ME-TFC	208-230/3/60	59.6	275	2	3500	12.4	86.9	125
	HT4E-A	3YS3R16ME-TFD	460/3/60	29.0	138	2	3500	6.2	42.5	70
	HT5E-A	3YS3R16ME-TFE	575/3/60	23.6	110	2	3500	5.0	34.5	50
KVS021H9 -	HT3E-A	4YANR15ME-TSK	208-230/3/60	63.6	308	2	3500	12.4	91.9	150
	HT4E-A	4YANR15ME-TSK	460/3/60	31.8	154	2	3500	6.2	46.0	70
	HT5E-A	4YANR15ME-TSE	575/3/60	24.5	135	2	3500	5.0	35.6	60
KVS023H9 -	HT3E-A	4YBNR19ME-TSK	208-230/3/60	72.1	374	2	3500	12.4	102.5	150
	HT4E-A	4YBNR19ME-TSK	460/3/60	36.1	187	2	3500	6.2	51.3	80
	HT5E-A	4YBNR19ME-TSE	575/3/60	31.4	135	2	3500	5.0	44.3	70
KVS026H9 -	HT3E-A	4YHNR22ME-TSK	208-230/3/60	74.4	428	3	5250	18.6	111.6	175
	HT4E-A	4YHNR22ME-TSK	460/3/60	37.2	214	3	5250	9.3	55.8	90
	HT5E-A	4YHNR22ME-TSE	575/3/60	33.3	172	3	5250	7.5	49.1	80
KVS031H9 -	HT3E-A	4YJNR27ME-TSK	208-230/3/60	105.4	470	3	5250	18.6	150.4	250
	HT4E-A	4YJNR27ME-TSK	460/3/60	52.7	235	3	5250	9.3	75.2	125
	HT5E-A	4YJNR27ME-TSE	575/3/60	44.1	200	3	5250	7.5	62.6	100
KVS036H9 -	HT3E-A	6YHNR32ME-TSK	208-230/3/60	125.1	565	4	7000	24.8	181.2	300
	HT4E-A	6YHNR32ME-TSK	460/3/60	62.6	283	4	7000	12.4	90.7	150
	HT5E-A	6YHNR32ME-TSE	575/3/60	40.7	230	4	7000	10.0	60.9	100
KVS041H9 -	HD3E-A	6YJNR39ME-TSN*	230/3/60	142.9	594	4	7000	24.8	203.4	300
	HT4E-A	6YJNR39ME-TSN	460/3/60	71.4	297	4	7000	12.4	101.7	150
	HT5E-A	6YJNR39ME-TSE	575/3/60	51.4	245	4	7000	10.0	74.3	125
KVS016M9 -	HT3E-A	3YS3R16ME-TFC	208-230/3/60	59.6	275	2	3500	12.4	86.9	125
	HT4E-A	3YS3R16ME-TFD	460/3/60	29.0	138	2	3500	6.2	42.5	70
	HT5E-A	3YS3R16ME-TFE	575/3/60	23.6	110	2	3500	5.0	34.5	50
KVS021M9 -	HT3E-A	4YANR15ME-TSK	208-230/3/60	63.6	308	2	3500	12.4	91.9	150
	HT4E-A	4YANR15ME-TSK	460/3/60	31.8	154	2	3500	6.2	46.0	70
	HT5E-A	4YANR15ME-TSE	575/3/60	24.5	135	2	3500	5.0	35.6	60
KVS023M9 -	HT3E-A	4YBNR19ME-TSK	208-230/3/60	72.1	374	2	3500	12.4	102.5	150
	HT4E-A	4YBNR19ME-TSK	460/3/60	36.1	187	2	3500	6.2	51.3	80
	HT5E-A	4YBNR19ME-TSE	575/3/60	31.4	135	2	3500	5.0	44.3	70
KVS026M9 -	HT3E-A	4YHNR22ME-TSK	208-230/3/60	74.4	428	3	5250	18.6	111.6	175
	HT4E-A	4YHNR22ME-TSK	460/3/60	37.2	214	3	5250	9.3	55.8	90
	HT5E-A	4YHNR22ME-TSE	575/3/60	33.3	172	3	5250	7.5	49.1	80
KVS031M9 -	HT3E-A	4YJNR27ME-TSK	208-230/3/60	105.4	470	3	5250	18.6	150.4	250
	HT4E-A	4YJNR27ME-TSK	460/3/60	52.7	235	3	5250	9.3	75.2	125
	HT5E-A	4YJNR27ME-TSE	575/3/60	44.1	200	3	5250	7.5	62.6	100
KVS036M9 -	HT3E-A	6YHNR32ME-TSK	208-230/3/60	125.1	565	4	7000	24.8	181.2	300
	HT4E-A	6YHNR32ME-TSK	460/3/60	62.6	283	4	7000	12.4	90.7	150
	HT5E-A	6YHNR32ME-TSE	575/3/60	40.7	230	4	7000	10.0	60.9	100
KVS041M9 -	HD3E-A	6YJNR39ME-TSN*	230/3/60	142.9	594	4	7000	24.8	203.4	300
	HT4E-A	6YJNR39ME-TSN	460/3/60	71.4	297	4	7000	12.4	101.7	150
	HT5E-A	6YJNR39ME-TSE	575/3/60	51.4	245	4	7000	10.0	74.3	125
KVS051M9 -	HD4E-A	6YUNR48ME-AWD	460/3/60	83.6	482	4	7000	12.4	116.9	200
	HT5E-A	6YUNR48ME-TSE	575/3/60	62.6	335.2	4	7000	10.0	88.3	150
KVS011L9 -	HT3E-A	3YS3F33KE-TFC	208-230/3/60	41.4	215	1	1750	6.2	58.0	90
	HT4E-A	3YS3F33KE-TFD	460/3/60	18.6	106	1	1750	3.1	26.4	40
	HT5E-A	3YS3F33KE-TFE	575/3/60	16.2	84	1	1750	2.5	22.8	35
KVS016L9 -	HT3E-A	4YHNF46KE-TSK	208-230/3/60	52.6	278	2	3500	12.4	78.2	125
	HT4E-A	4YHNF46KE-TSK	460/3/60	26.3	139	2	3500	6.2	39.1	60
	HT5E-A	4YHNF46KE-TSE	575/3/60	20.9	113	2	3500	5.0	31.1	50
KVS023L9 -	HT3E-A	4YJNF59KE-TSK	208-230/3/60	64.3	374	2	3500	12.4	92.8	150
	HT4E-A	4YJNF59KE-TSK	460/3/60	32.1	187	2	3500	6.2	46.3	70
	HT5E-A	4YJNF59KE-TSE	575/3/60	29.1	135	2	3500	5.0	41.4	70
KVS028L9 -	HT3E-A	6YHNF68KE-TSK	208-230/3/60	80.7	450	2	3500	12.4	113.3	175
	HT4E-A	6YHNF68KE-TSK	460/3/60	40.4	225	2	3500	6.2	56.7	90
	HT5E-A	6YHNF68KE-TSE	575/3/60	32.5	172	2	3500	5.0	45.6	70
KVS031L9 -	HT3E-A	6YJNF84KE-TSK	208-230/3/60	95.6	470	2	3500	12.4	131.9	225
	HT4E-A	6YJNF84KE-TSK	460/3/60	47.8	235	2	3500	6.2	66.0	110
	HT5E-A	6YJNF84KE-TSE	575/3/60	39.6	200	2	3500	5.0	54.5	90
KVS041L9 -	HT4E-A	6YUNF10ME-AWD	460/3/60	67.9	367	3	5250	9.3	94.2	150
	HT5E-A	6YUNF10ME-TSE	575/3/60	53.5	335.2	3	5250	7.5	74.4	125

DUAL COMPRESSOR MODELS LIMITROL 

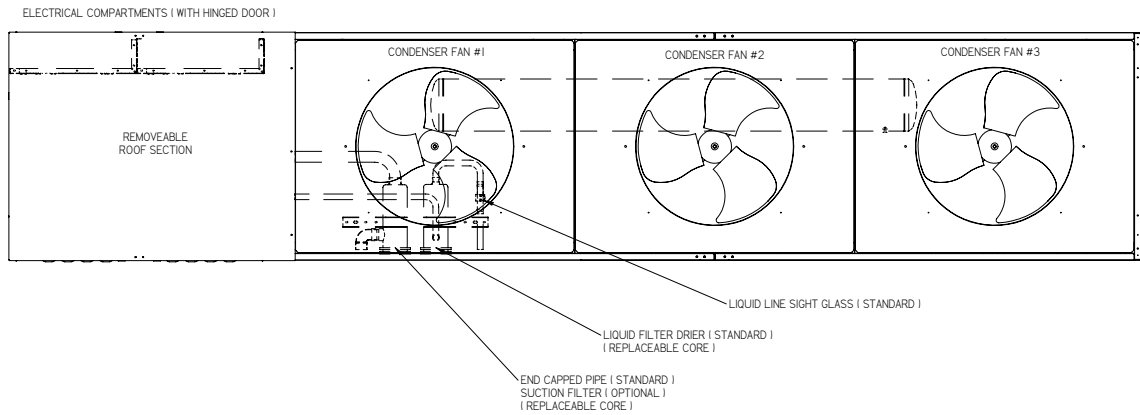
CONDENSING UNIT MODEL KVD	COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		CONDENSER FAN MOTOR			UNIT		
			RLA	LRA	QTY	WATTS	FLA	MCA	MOP	
KVD031H9 -	HT3E-A	3YS3R16ME-TFC	208-230/3/60	59.6	275	4	7000	24.8	158.9	200
	HT4E-A	3YS3R16ME-TFD	460/3/60	29.0	138	4	7000	12.4	77.7	100
	HT5E-A	3YS3R16ME-TFE	575/3/60	23.6	110	4	7000	10.0	63.1	80
KVD041H9 -	HT3E-A	4YANR15ME-TSK	208-230/3/60	63.6	308	4	7000	24.8	167.9	225
	HT4E-A	4YANR15ME-TSK	460/3/60	31.8	154	4	7000	12.4	84.0	110
	HT5E-A	4YANR15ME-TSE	575/3/60	24.5	135	4	7000	10.0	65.1	80
KVD045H9 -	HT3E-A	4YBNR19ME-TSK	208-230/3/60	72.1	374	4	7000	24.8	187.0	250
	HT4E-A	4YBNR19ME-TSK	460/3/60	36.1	187	4	7000	12.4	93.6	125
	HT5E-A	4YBNR19ME-TSE	575/3/60	31.4	135	4	7000	10.0	80.7	110
KVD051H9 -	HT3E-A	4YHNR22ME-TSK	208-230/3/60	74.4	428	6	10500	37.2	204.6	250
	HT4E-A	4YHNR22ME-TSK	460/3/60	37.2	214	6	10500	18.6	102.3	125
	HT5E-A	4YHNR22ME-TSE	575/3/60	33.3	172	6	10500	15.0	89.9	110
KVD061H9 -	HT3E-A	4YJNR27ME-TSK	208-230/3/60	105.4	470	6	10500	37.2	274.4	350
	HT4E-A	4YJNR27ME-TSK	460/3/60	52.7	235	6	10500	18.6	137.2	175
	HT5E-A	4YJNR27ME-TSE	575/3/60	44.1	200	6	10500	15.0	114.2	150
KVD071H9 -	HT3E-A	6YHNR32ME-TSK	208-230/3/60	125.1	565	8	14000	49.6	331.1	450
	HT4E-A	6YHNR32ME-TSK	460/3/60	62.6	283	8	14000	24.8	165.7	225
	HT5E-A	6YHNR32ME-TSE	575/3/60	40.7	230	8	14000	20.0	111.6	150
KVD081H9 -	HD3E-A	6YJNR39ME-TSN*	230/3/60	142.9	594	8	14000	49.6	371.1	500
	HT4E-A	6YJNR39ME-TSN	460/3/60	71.4	297	8	14000	24.8	185.5	250
	HT5E-A	6YJNR39ME-TSE	575/3/60	51.4	245	8	14000	20.0	135.7	175
KVD031M9 -	HT3E-A	3YS3R16ME-TFC	208-230/3/60	59.6	275	4	7000	24.8	158.9	200
	HT4E-A	3YS3R16ME-TFD	460/3/60	29.0	138	4	7000	12.4	77.7	100
	HT5E-A	3YS3R16ME-TFE	575/3/60	23.6	110	4	7000	10.0	63.1	80
KVD041M9 -	HT3E-A	4YANR15ME-TSK	208-230/3/60	63.6	308	4	7000	24.8	167.9	225
	HT4E-A	4YANR15ME-TSK	460/3/60	31.8	154	4	7000	12.4	84.0	110
	HT5E-A	4YANR15ME-TSE	575/3/60	24.5	135	4	7000	10.0	65.1	80
KVD045M9 -	HT3E-A	4YBNR19ME-TSK	208-230/3/60	72.1	374	4	7000	24.8	187.0	250
	HT4E-A	4YBNR19ME-TSK	460/3/60	36.1	187	4	7000	12.4	93.6	125
	HT5E-A	4YBNR19ME-TSE	575/3/60	31.4	135	4	7000	10.0	80.7	110
KVD051M9 -	HT3E-A	4YHNR22ME-TSK	208-230/3/60	74.4	428	6	10500	37.2	204.6	250
	HT4E-A	4YHNR22ME-TSK	460/3/60	37.2	214	6	10500	18.6	102.3	125
	HT5E-A	4YHNR22ME-TSE	575/3/60	33.3	172	6	10500	15.0	89.9	110
KVD061M9 -	HT3E-A	4YJNR27ME-TSK	208-230/3/60	105.4	470	6	10500	37.2	274.4	350
	HT4E-A	4YJNR27ME-TSK	460/3/60	52.7	235	6	10500	18.6	137.2	175
	HT5E-A	4YJNR27ME-TSE	575/3/60	44.1	200	6	10500	15.0	114.2	150
KVD071M9 -	HT3E-A	6YHNR32ME-TSK	208-230/3/60	125.1	565	8	14000	49.6	331.1	450
	HT4E-A	6YHNR32ME-TSK	460/3/60	62.6	283	8	14000	24.8	165.7	225
	HT5E-A	6YHNR32ME-TSE	575/3/60	40.7	230	8	14000	20.0	111.6	150
KVD081M9 -	HD3E-A	6YJNR39ME-TSN*	230/3/60	142.9	594	8	14000	49.6	371.1	500
	HT4E-A	6YJNR39ME-TSN	460/3/60	71.4	297	8	14000	24.8	185.5	250
	HT5E-A	6YJNR39ME-TSE	575/3/60	51.4	245	8	14000	20.0	135.7	175
KVD101M9 -	HD4E-A	6YUNR48ME-AWD	460/3/60	83.6	482	8	14000	24.8	212.9	250
	HT5E-A	6YUNR48ME-TSE	575/3/60	62.6	335.2	8	14000	20.0	160.9	200
KVD021L9 -	HT3E-A	3YS3F33KE-TFC	208-230/3/60	41.4	215	2	3500	12.4	105.6	125
	HT4E-A	3YS3F33KE-TFD	460/3/60	18.6	106	2	3500	6.2	48.1	60
	HT5E-A	3YS3F33KE-TFE	575/3/60	16.2	84	2	3500	5.0	41.5	50
KVD031L9 -	HT3E-A	4YHNF46KE-TSK	208-230/3/60	52.6	278	4	7000	24.8	143.2	175
	HT4E-A	4YHNF46KE-TSK	460/3/60	26.3	139	4	7000	12.4	71.6	90
	HT5E-A	4YHNF46KE-TSE	575/3/60	20.9	113	4	7000	10.0	57.0	70
KVD045L9 -	HT3E-A	4YJNF59KE-TSK	208-230/3/60	64.3	374	4	7000	24.8	169.5	225
	HT4E-A	4YJNF59KE-TSK	460/3/60	32.1	187	4	7000	12.4	84.6	110
	HT5E-A	4YJNF59KE-TSE	575/3/60	29.1	135	4	7000	10.0	75.5	100
KVD055L9 -	HT3E-A	6YHNF68KE-TSK	208-230/3/60	80.7	450	4	7000	24.8	206.4	250
	HT4E-A	6YHNF68KE-TSK	460/3/60	40.4	225	4	7000	12.4	103.3	125
	HT5E-A	6YHNF68KE-TSE	575/3/60	32.5	172	4	7000	10.0	83.1	110
KVD061L9 -	HT3E-A	6YJNF84KE-TSK	208-230/3/60	95.6	470	4	7000	24.8	239.9	300
	HT4E-A	6YJNF84KE-TSK	460/3/60	47.8	235	4	7000	12.4	120.0	150
	HT5E-A	6YJNF84KE-TSE	575/3/60	39.6	200	4	7000	10.0	99.1	125
KVD081L9 -	HT4E-A	6YUNF10ME-AWD	460/3/60	67.9	367	6	10500	18.6	171.4	225
	HT5E-A	6YUNF10ME-TSE	575/3/60	53.5	335.2	6	10500	15.0	135.4	175

** 6YJNR only available in 230V

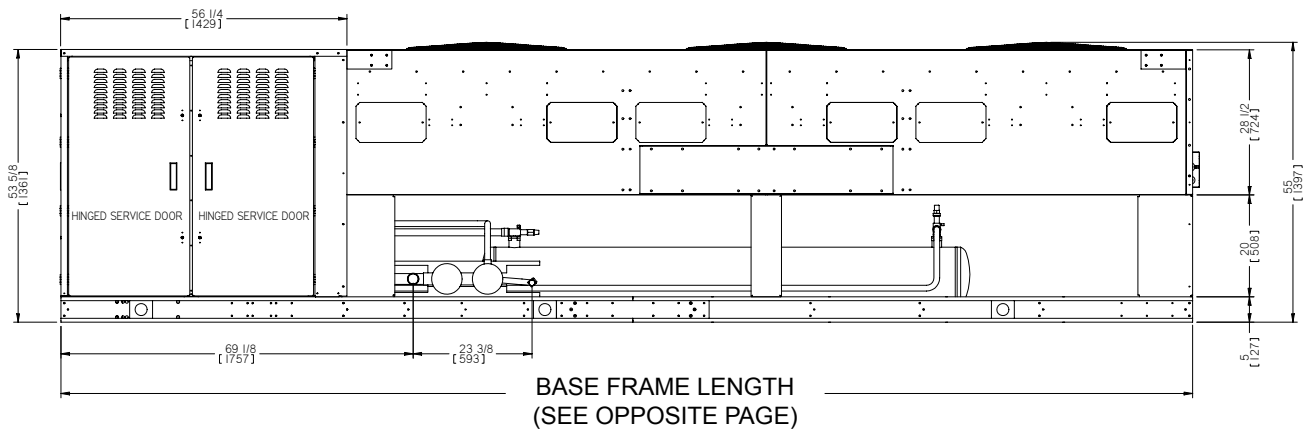
*** 575V Units use a 230V motor with a Transformer

HIGH EFFICIENCY MODELS

TOP VIEW

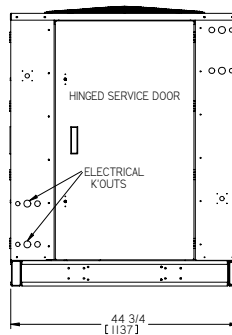


SIDE VIEW



HIGH EFFICIENCY MODELS

COMPRESSOR-END VIEW

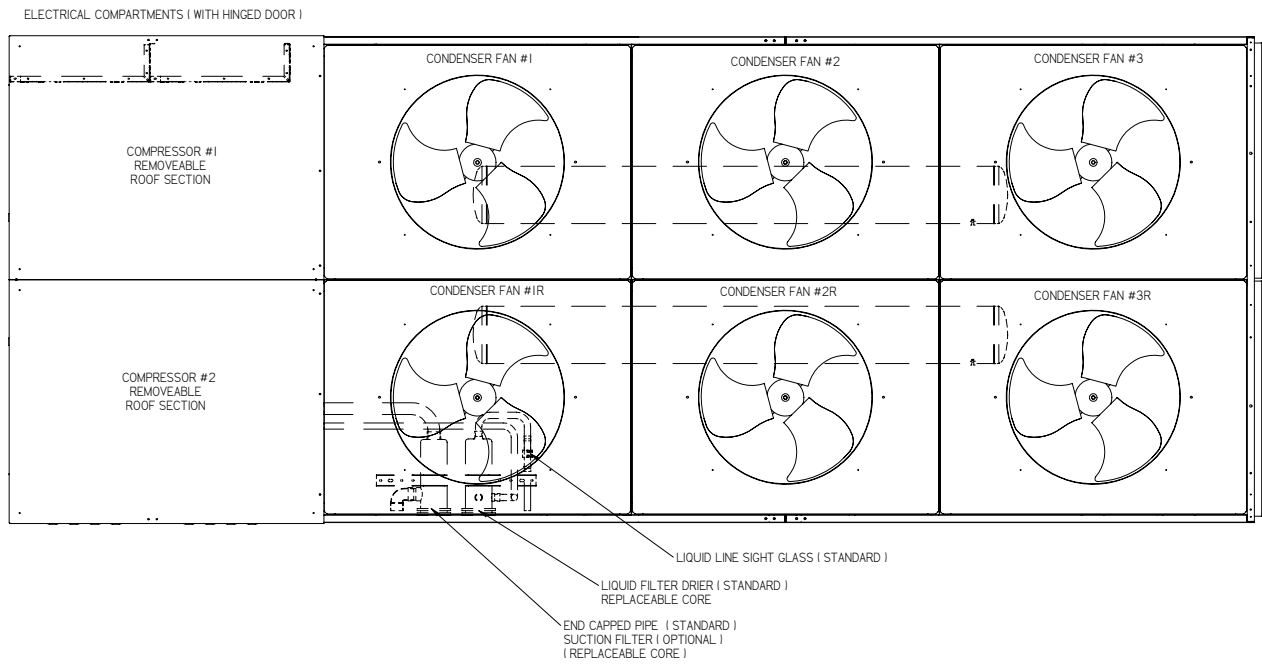


HIGH EFFICIENCY MODELS

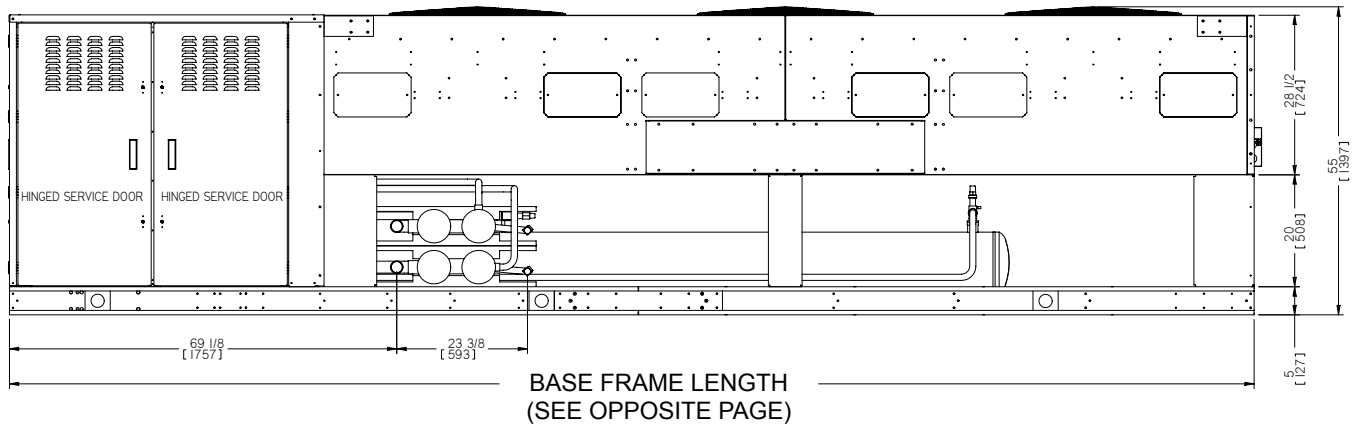
CONDENSING UNIT MODEL KVS	BASE FRAME LENGTH	
	inches	mm
KVS016H9-H**E-A	167 3/8	4251
KVS021H9-H**E-A	167 3/8	4251
KVS023H9-H**E-A	167 3/8	4251
KVS026H9-H**E-A	222 3/8	5648
KVS031H9-H**E-A	222 3/8	5648
KVS036H9-H**E-A	277 3/8	7045
KVS041H9-H**E-A	277 3/8	7045
KVS016M9-H**E-A	167 3/8	4251
KVS021M9-H**E-A	167 3/8	4251
KVS023M9-H**E-A	167 3/8	4251
KVS026M9-H**E-A	222 3/8	5648
KVS031M9-H**E-A	222 3/8	5648
KVS036M9-H**E-A	277 3/8	7045
KVS041M9-H**E-A	277 3/8	7045
KVS051M9-H**E-A	277 3/8	7045
KVS011L9-H**E-A	112 3/8	2854
KVS016L9-H**E-A	167 3/8	4251
KVS023L9-H**E-A	167 3/8	4251
KVS028L9-H**E-A	167 3/8	4251
KVS031L9-H**E-A	167 3/8	4251
KVS041L9-H**E-A	222 3/8	5648
KVS011D9-H**E-A	112 3/8	2854
KVS016D9-H**E-A	167 3/8	4251
KVS023D9-H**E-A	167 3/8	4251
KVS028D9-H**E-A	167 3/8	4251
KVS031D9-H**E-A	167 3/8	4251

HIGH EFFICIENCY MODELS

TOP VIEW

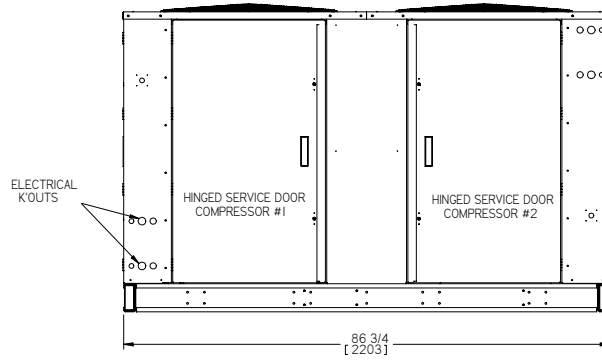


SIDE VIEW



HIGH EFFICIENCY MODELS

COMPRESSOR-END VIEW



HIGH EFFICIENCY MODELS

CONDENSING UNIT MODEL KVD	BASE FRAME LENGTH	
	inches	mm
KVD031H9-H**E-A	167 3/8	4251
KVD041H9-H**E-A	167 3/8	4251
KVD045H9-H**E-A	167 3/8	4251
KVD051H9-H**E-A	222 3/8	5648
KVD061H9-H**E-A	222 3/8	5648
KVD071H9-H**E-A	277 3/8	7045
KVD081H9-H**E-A	277 3/8	7045
KVD031M9-H**E-A	167 3/8	4251
KVD041M9-H**E-A	167 3/8	4251
KVD045M9-H**E-A	167 3/8	4251
KVD051M9-H**E-A	222 3/8	5648
KVD061M9-H**E-A	222 3/8	5648
KVD071M9-H**E-A	277 3/8	7045
KVD081M9-H**E-A	277 3/8	7045
KVD101M9-H**E-A	277 3/8	7045
KVD021L9-H**E-A	112 3/8	2854
KVD031L9-H**E-A	167 3/8	4251
KVD045L9-H**E-A	167 3/8	4251
KVD055L9-H**E-A	167 3/8	4251
KVD061L 9-H**E-A	167 3/8	4251
KVD081L9-H**E-A	222 3/8	5648
KVD021D9-H**E-A	112 3/8	2854
KVD031D9-H**E-A	167 3/8	4251
KVD045D9-H**E-A	167 3/8	4251
KVD055D9-H**E-A	167 3/8	4251
KVD061D9-H**E-A	167 3/8	4251

SINGLE COMPRESSOR MODELS

CONDENSING UNIT MODEL KVS	CONDENSER FANS	UNIT CONNECTIONS				RECEIVER CAPACITY 90% FULL *		APPROX. SHIPPING WEIGHT	
		SUCTION (OD)		LIQUID (OD)		Lbs.	Kgs	Lbs.	Kgs
		Inches	mm	Inches	mm				
KVS016H9-H**E-A	2	1 5/8	41	7/8	22	121	54.9	2260	1027
KVS021H9-H**E-A	2	1 5/8	41	7/8	22	121	54.9	2340	1075
KVS023H9-H**E-A	2	2 1/8	54	1 1/8	29	153	69.4	2500	1136
KVS026H9-H**E-A	3	2 1/8	54	1 1/8	29	153	69.4	2870	1304
KVS031H9-H**E-A	3	2 1/8	54	1 1/8	29	185	83.9	3020	1373
KVS036H9-H**E-A	4	2 1/8	54	1 1/8	29	249	112.9	3660	1663
KVS041H9-H**E-A	4	2 1/8	54	1 3/8	35	249	112.9	3820	1736
KVS016M9-H**E-A	2	1 5/8	41	7/8	22	121	54.9	2265	1029
KVS021M9-H**E-A	2	1 5/8	41	7/8	22	121	54.9	2345	1077
KVS023M9-H**E-A	2	2 1/8	54	1 1/8	29	153	69.4	2505	1138
KVS026M9-H**E-A	3	2 1/8	54	1 1/8	29	153	69.4	2875	1307
KVS031M9-H**E-A	3	2 1/8	54	1 1/8	29	185	83.9	3030	1377
KVS036M9-H**E-A	4	2 1/8	54	1 1/8	29	249	112.9	3660	1663
KVS041M9-H**E-A	4	2 1/8	54	1 1/8	29	249	112.9	3815	1734
KVS051M9-H**E-A	4	2 1/8	54	1 1/8	29	249	112.9	3835	1743
KVS011L9-H**E-A	1	1 3/8	35	5/8	16	80	36.3	1785	811
KVS016L9-H**E-A	2	1 5/8	41	7/8	22	100	45.4	2335	1061
KVS023L9-H**E-A	2	2 1/8	54	7/8	22	121	54.9	2385	1084
KVS028L9-H**E-A	2	2 1/8	54	1 1/8	29	153	69.4	2610	1186
KVS031L9-H**E-A	2	2 1/8	54	1 1/8	29	153	69.4	2625	1193
KVS041L9-H**E-A	3	2 1/8	54	1 1/8	29	185	83.9	3045	1384
KVS011D9-H**E-A	1	1 3/8	35	5/8	16	80	36.3	1785	811
KVS016D9-H**E-A	2	1 5/8	41	7/8	22	100	45.4	2335	1061
KVS023D9-H**E-A	2	2 1/8	54	7/8	22	121	54.9	2385	1084
KVS028D9-H**E-A	2	2 1/8	54	1 1/8	29	153	69.4	2610	1186
KVS031D9-H**E-A	2	2 1/8	54	1 1/8	29	153	69.4	2625	1193

DUAL COMPRESSOR MODELS

60Hz

CONDENSING UNIT MODEL KVD	CONDENSER FANS	UNIT CONNECTIONS				RECEIVER CAPACITY (2) 90% FULL *		APPROX. SHIPPING WEIGHT	
		SUCTION (OD)		LIQUID (OD)		Lbs.	Kgs	Lbs.	Kgs
		Inches	mm	Inches	mm				
KVD031H9-H**E-A	2	1 5/8	41	7/8	22	121	54.9	4065	1847
KVD041H9-H**E-A	2	1 5/8	41	7/8	22	121	54.9	4220	1941
KVD045H9-H**E-A	2	2 1/8	54	1 1/8	29	153	69.4	4445	2020
KVD051H9-H**E-A	3	2 1/8	54	1 1/8	29	153	69.4	5185	2357
KVD061H9-H**E-A	3	2 1/8	54	1 1/8	29	185	83.9	5475	2488
KVD071H9-H**E-A	4	2 1/8	54	1 1/8	29	249	112.9	6615	3006
KVD081H9-H**E-A	4	2 1/8	54	1 3/8	35	249	112.9	6920	3145
KVD031M9-H**E-A	2	1 5/8	41	7/8	22	121	54.9	4075	1852
KVD041M9-H**E-A	2	1 5/8	41	7/8	22	121	54.9	4230	1943
KVD045M9-H**E-A	2	2 1/8	54	1 1/8	29	153	69.4	4550	2068
KVD051M9-H**E-A	3	2 1/8	54	1 1/8	29	153	69.4	5195	2361
KVD061M9-H**E-A	3	2 1/8	54	1 1/8	29	185	83.9	5490	2495
KVD071M9-H**E-A	4	2 1/8	54	1 1/8	29	249	112.9	6620	3009
KVD081M9-H**E-A	4	2 1/8	54	1 1/8	29	249	112.9	6915	3143
KVD101M9-H**E-A	4	2 1/8	54	1 1/8	29	249	112.9	6960	3163
KVD021L9-H**E-A	1	1 3/8	35	5/8	16	80	36.3	3195	1452
KVD031L9-H**E-A	2	1 5/8	41	7/8	22	100	45.4	4220	1918
KVD045L9-H**E-A	2	2 1/8	54	7/8	22	121	54.9	4315	1961
KVD055L9-H**E-A	2	2 1/8	54	1 1/8	29	153	69.4	4760	2163
KVD061L9-H**E-A	2	2 1/8	54	1 1/8	29	153	69.4	4795	2179
KVD081L9-H**E-A	3	2 1/8	54	1 1/8	29	185	83.9	5535	2516
KVD021D9-H**E-A	1	1 3/8	35	5/8	16	80	36.3	3195	1452
KVD031D9-H**E-A	2	1 5/8	41	7/8	22	100	45.4	4220	1918
KVD045D9-H**E-A	2	2 1/8	54	7/8	22	121	54.9	4315	1961
KVD055D9-H**E-A	2	2 1/8	54	1 1/8	29	153	69.4	4760	2163
KVD061D9-H**E-A	2	2 1/8	54	1 1/8	29	153	69.4	4795	2179

* VALUES ARE FOR R454A. MULTIPLY VALUES ABOVE BY VALUE BELOW FOR OTHER REFRIGERANTS

R454A	R454CA	R455A
1	1.02	1.01

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 KVD/ KVS	Outdoor Models		
	R454A	R454C	R455A
KVS016H9-A	7.6	7.6	7.6
KVS021H9-A	7.6	7.6	7.6
KVS023H9-A	7.6	7.6	7.6
KVS026H9-A	7.6	7.6	7.6
KVS031H9-A	7.6	7.6	7.6
KVS036H9-A	7.6	7.6	7.6
KVS041H9-A	7.6	7.6	7.6
KVD031H9-A	7.6	7.6	7.6
KVD041H9-A	7.6	7.6	7.6
KVD045H9-A	7.6	7.6	7.6
KVD051H9-A	7.6	7.6	7.6
KVD061H9-A	7.6	7.6	7.6
KVD071H9-A	7.6	7.6	7.6
KVD081H9-A	7.6	7.6	7.6
KVS016M9-A	7.6	7.6	7.6
KVS021M9-A	7.6	7.6	7.6
KVS023M9-A	7.6	7.6	7.6
KVS026M9-A	7.6	7.6	7.6
KVS031M9-A	7.6	7.6	7.6
KVS036M9-A	7.6	7.6	7.6
KVS041M9-A	7.6	7.6	7.6
KVS051M9-A	7.6	7.6	7.6
KVD031M9-A	7.6	7.6	7.6
KVD041M9-A	7.6	7.6	7.6
KVD045M9-A	7.6	7.6	7.6
KVD051M9-A	7.6	7.6	7.6
KVD061M9-A	7.6	7.6	7.6
KVD071M9-A	7.6	7.6	7.6
KVD081M9-A	7.6	7.6	7.6
KVD101M9-A	7.6	7.6	7.6
KVS011L9-A	-	-	-
KVS016L9-A	-	-	-
KVS023L9-A	-	-	-
KVS028L9-A	-	-	-
KVS031L9-A	-	-	-
KVS041L9-A	-	-	-
KVD021L9-A	-	-	-
KVD031L9-A	-	-	-
KVD045L9-A	-	-	-
KVD055L9-A	-	-	-
KVD061L9-A	-	-	-
KVD081L9-A	-	-	-
KVS011D9-A	3.15	3.15	3.15
KVS016D9-A	3.15	3.15	3.15
KVS023D9-A	3.15	3.15	3.15
KVS028D9-A	3.15	3.15	3.15
KVS031D9-A	3.15	3.15	3.15
KVD021D9-A	3.15	3.15	3.15
KVD031D9-A	3.15	3.15	3.15
KVD045D9-A	3.15	3.15	3.15
KVD055D9-A	3.15	3.15	3.15
KVD061D9-A	3.15	3.15	3.15

— = Non-compliant model

**FOR WIRING DIAGRAMS FOR HIGH EFFICIENCY MODELS,
 REFER TO PAGES 54 - 59**

PROJECT INFORMATION

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

PRODUCT SUPPORT RESOURCES



PRODUCT SUPPORT

web: www.k-rp.com/kv
email: mdcu-lgcu@k-rp.com
call: 1-844-893-3222 x522



TROUBLESHOOTING

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



SERVICE PARTS

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



WARRANTY

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



ORDERS

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



SHIPPING

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

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