



KES-Line Condensing Units

PRODUCT DATA & SPECIFICATIONS

Bulletin K40-KES-PDS-14
Part # 1087390



PRODUCT SUPPORT
web: k-rp.com/kes
email: smcu@k-rp.com
call: 1-844-893-3222 x521

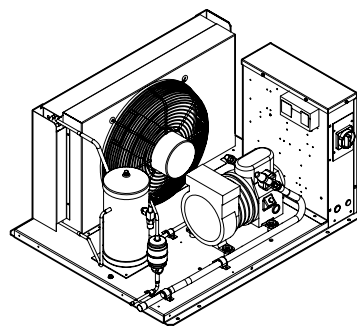
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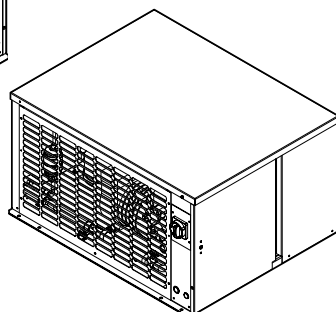
Indoor/Outdoor
Air-Cooled Semi-Hermetic
Condensing Units

1/2 to 22 HP -
High, Medium and Low
Temperature Refrigeration



Indoor Unit

Outdoor Unit



SMARTSPEED™

FAN MOTOR TECHNOLOGY
See Page 4 for details



INCLUDES RATINGS FOR
LOW GWP
REFRIGERANTS

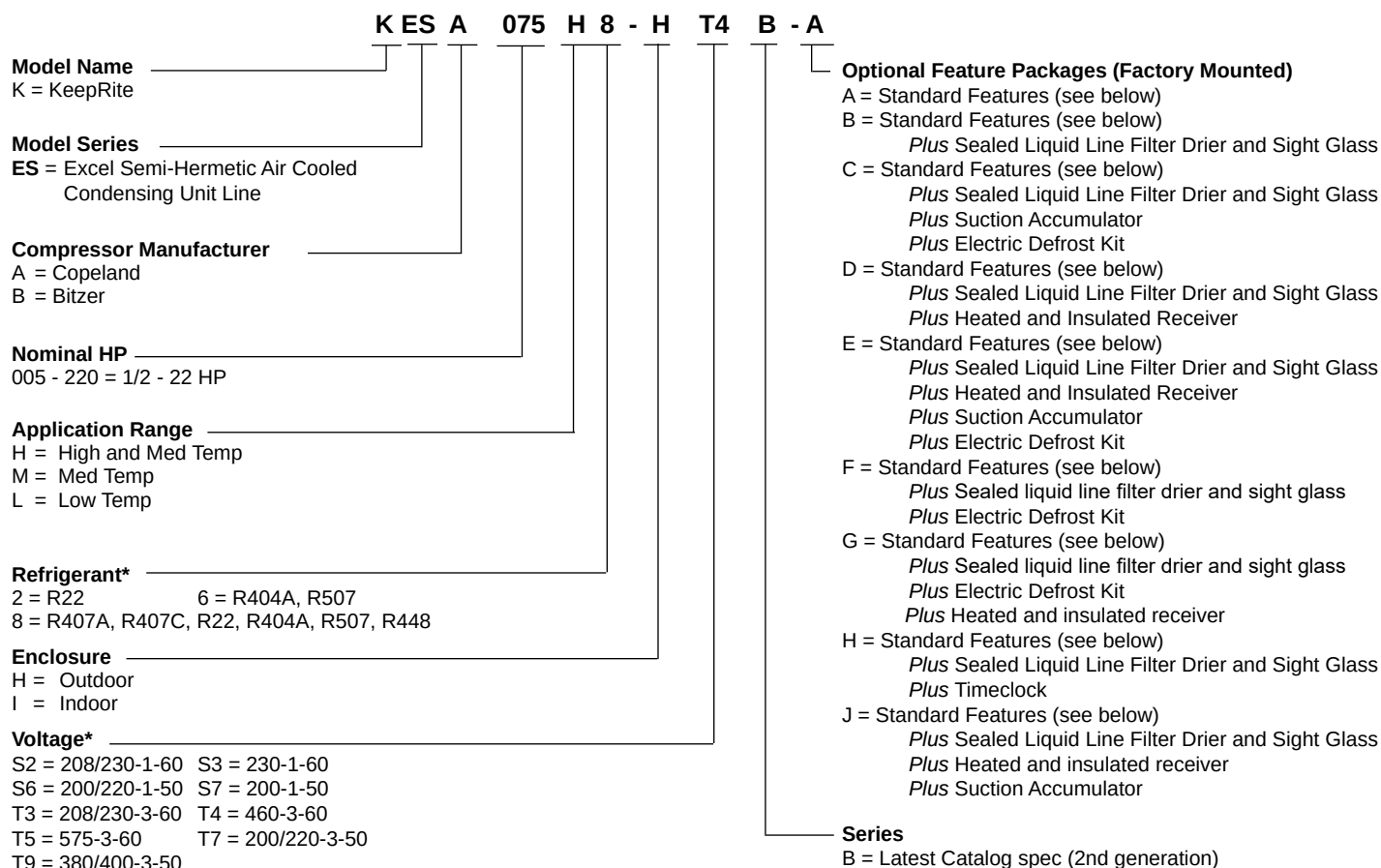
LIMITROL+

FLOATING HEAD PRESSURE CONTROL SYSTEM
See Page 5 for details

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NOMENCLATURE



* subject to compressor availability

STANDARD FEATURES

Indoor Unit:

- Compatible with Low GWP Refrigerants
- Weatherproof electrical control box with compressor contactor and fused control circuit
- Spring mounted accessible semi-hermetic compressor with suction and discharge vibration eliminator
- High efficiency enhanced tube and fin condenser design
- Energy efficient PSC condenser fan motor
- Receiver with fusible plug and liquid shut off valve
- Fixed high pressure switch and adjustable low pressure control
- Receiver inlet and outlet shutoff valve (8HP and above)
- Suction service valve
- Pre-formed copper tubing
- Unit leak tested and shipped with Helium holding charge
- Electronic liquid injection on L8 units
- Galvanized cabinet

Outdoor Unit: All Standard Features of Indoor Unit, Plus:

- Outdoor weather-resistant housing with removable hood
- Flooded head pressure control (non adjustable)
- Adjustable head pressure control on large 2 fan models
- Crankcase heater
- Fan cycling control (all 2 fan models)

OPTIONAL FEATURE PACKAGES (Factory Mounted)

Package A:

- Standard Features (see pg. 2)

Package B:

- Standard Features (see pg. 2)
- *Plus* Sealed Liquid Line Filter Drier & Sight Glass

Package C:

- Standard Features (see pg. 2)
- *Plus* Sealed Liquid Line Filter Drier & Sight Glass
- *Plus* Suction Accumulator
- *Plus* Electric Defrost Kit

Package D:

- Standard Features (see pg. 2)
- *Plus* Sealed Liquid Line Filter Drier & Sight Glass
- *Plus* Heated and Insulated Receiver

Package E:

- Standard Features (see pg. 2)
- *Plus* Sealed Liquid Line Filter Drier & Sight Glass
- *Plus* Heated and Insulated Receiver
- *Plus* Suction Accumulator
- *Plus* Electric Defrost Kit

Package F:

- Standard Features (see pg. 2)
- *Plus* Sealed liquid line filter drier and sight glass
- *Plus* Electric Defrost Kit

Package G:

- Standard Features (see pg. 2)
- *Plus* Sealed liquid line filter drier and sight glass
- *Plus* Electric Defrost Kit
- *Plus* Heated and insulated receiver

Package H:

- Standard Features (see pg. 2)
- *Plus* Sealed Liquid Line Filter Drier and Sight Glass
- *Plus* Timeclock

Package J:

- Standard Features (see pg. 2)
- *Plus* Sealed Liquid Line Filter Drier and Sight Glass
- *Plus* Heated and insulated receiver
- *Plus* Suction Accumulator

AVAILABLE OPTIONS

- Suction accumulator
- Suction accumulator with boil-out coil
- Discharge line Check valve
- Oil separator
- Oil separator c/w oil return filter & solenoid valve
- Adjustable head pressure control valves
- Receiver inlet ball valve (standard on 2 fan models)
- Heated and Insulated receiver
- Over-sized receiver
- Sealed liquid line filter drier & sight-glass
- Ball valve - liquid line (shipped loose)
- Insulated suction lines
- Leg Kits
- Discharge air hood
- Sub cooling circuit on 5 - 22 HP models
- Variable speed EC motors only as head pressure control (see Bulletin K40-HPC-AG for details)
- QuickVac Evacuation and Refrigerant Recovery Valves
- Painted cabinet
- Liquid line solenoid valve-(with standard 230 volt coil)-shipped loose
- Compressor Circuit breaker
- Current sensing relay - for use with Oil safety control (where applicable)
- Defrost heater contactor c/w fuse block
- Evaporator Fan contactor c/w fuse block
- Disconnect switch
- Disconnect Fusing
- Pump down toggle switch
- Lock out control circuit
- Hoffmann Speed control for condenser fan (replaces flooded valve)
- Time delay relay for compressor
- Mechanical Time Clock
- Defrost Kit
- Electronic Voltage/Phase Monitor
- **SmartSpeed Fan Motor Technology (see page 4)**
- **Limitrol+ Floating Head Pressure Control System (see page 4 or Bulletin K40-HPC-AG for details)**

US Patent No.
9,297,567

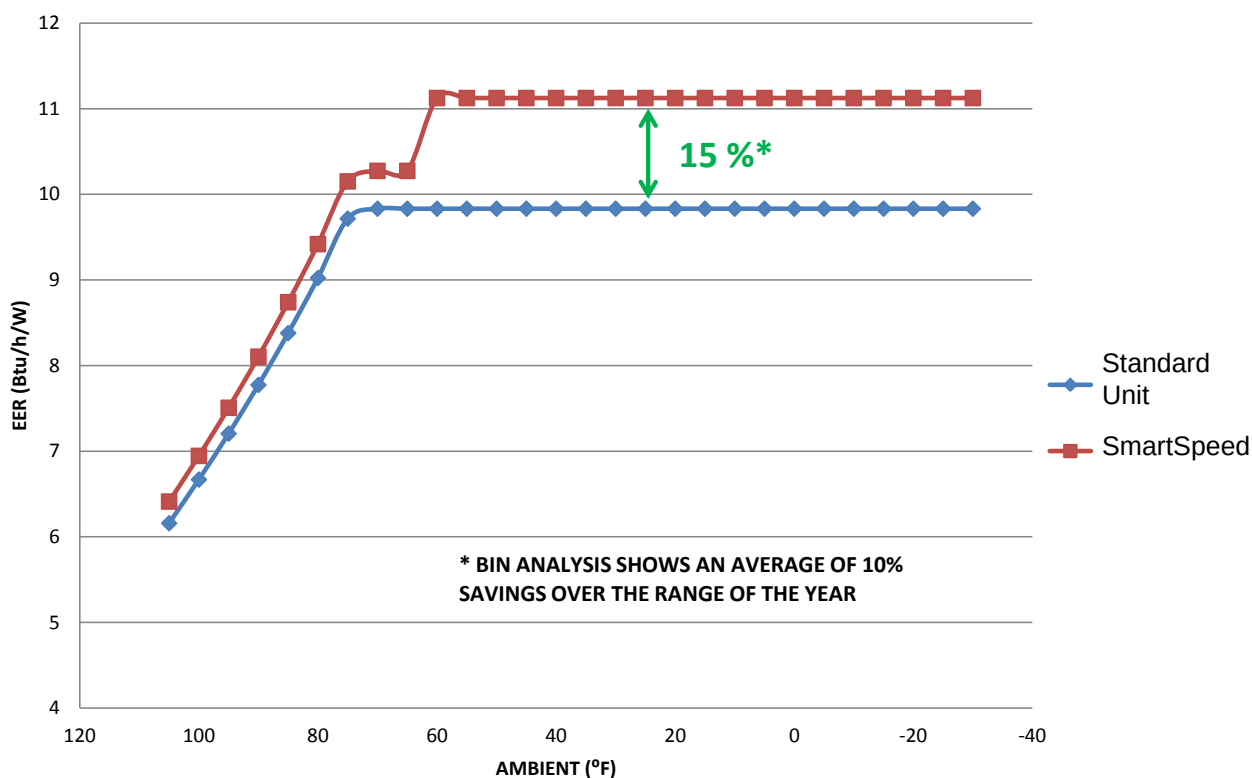
DESIGN FEATURES

• Available on 1/2 - 5 HP
Hermetic, Scroll or Semi-Hermetic Condensing Units



- No special controls required. No worries about wind or cold climates.
- Ambients above 60°F - EC motor operates at full speed, crankcase heater and heated + insulated receiver disabled from control circuit
- Ambients below 60°F - EC motor operates at low speed, crankcase heater and heated + insulated receiver enabled from control circuit

Condensing Unit EER - Standard Unit vs. SmartSpeed



**Refer to
Page 56
For Wiring
Details**

Condensing Unit with SmartSpeed Power Consumption Per Motor		
Chassis Size (see pages 46-47)	Ambients above 60°F. Fan Full Speed. Crankcase and Receiver Heaters Off.	Ambients below 60°F. Fan Low Speed. Crankcase and Receiver Heaters On.
A	102 W	19 W
B	168 W	37 W
C	362 W	76 W

- 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, ONT	
	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$
5 HP Cooler	22	616	23	1,099	25	1,081	18	474	16	521	16	835	20	624	25	798	27	638
7.5 HP Cooler	21	1,008	22	1,805	23	1,707	18	843	17	954	17	1,499	19	1,053	24	1,270	25	1,000
10 HP Cooler	18	1,204	18	2,131	20	2,095	15	975	14	1,089	18	2,446	16	1,227	20	1,529	21	1,223
15 HP Cooler	19	1,852	20	3,300	21	3,170	16	1,567	15	1,767	19	3,570	17	1,916	22	2,337	22	1,834
6 HP Freezer	24	903	25	1,621	26	1,548	21	753	20	848	23	1,548	22	928	26	1,119	27	891
7.5 HP Freezer	21	994	21	1,783	23	1,726	17	800	16	891	18	1,591	19	1,012	23	1,255	24	1,004
13 HP Freezer	19	1,425	19	2,535	21	2,450	16	1,150	15	1,286	15	2,110	17	1,471	21	1,798	22	1,428
15 HP Freezer	18	1,602	19	2,846	20	2,717	16	1,312	15	1,479	14	2,224	17	1,672	20	2,009	21	1,587

* The above is a BIN Hour Analysis. Weather data was used from ASHRAE Weather Data Viewer and electrical rates for each city are based on June 2013 data from EIA (U.S. Energy Information Administration).

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

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

CAPACITY DATA - **R407A**

HIGH / MEDIUM TEMPERATURE

MODEL KES	SATURATED SUCTION TEMPERATURE		CAPACITY BTU/H (WATTS) R407A AMBIENT TEMPERATURE °F (°C)									
	° F	° C	85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)				
KESA050H8 Compressor Model 2DC3R53KE	40 (4.4)		65700 (19250)	63100 (18490)	60400 (17700)	57800 (16940)	55100 (16150)	52500 (15390)				
	35 (1.7)		59300 (17380)	56900 (16680)	54400 (15940)	52000 (15240)	49600 (14540)	47100 (13800)				
	30 (-1.1)		53300 (15620)	51100 (14980)	48800 (14300)	46600 (13660)	44400 (13010)	42200 (12370)				
	25 (-3.9)		47800 (14010)	45700 (13390)	43700 (12810)	41700 (12220)	39700 (11630)	37700 (11050)				
	20 (-6.7)		42600 (12480)	40700 (11930)	38900 (11400)	37100 (10870)	35300 (10350)	33500 (9820)				
	15 (-9.4)		37900 (11110)	36200 (10610)	34500 (10110)	32900 (9640)	31300 (9170)	29700 (8700)				
	10 (-12.2)		33500 (9820)	32000 (9380)	30600 (8970)	29100 (8530)	27700 (8120)	26400 (7740)				
	5 (-15.0)		29600 (8670)	28200 (8260)	27000 (7910)	25700 (7530)	24500 (7180)	23300 (6830)				
KESA051H8 Compressor Model 2DD3R63KE	0 (-17.8)		26100 (7650)	25000 (7330)	23800 (6980)	22800 (6680)	21700 (6360)	20700 (6070)				
	40 (4.4)		74100 (21720)	71200 (20870)	68100 (19960)	65200 (19110)	62300 (18260)	59300 (17380)				
	35 (1.7)		67200 (19690)	64400 (18870)	61600 (18050)	58900 (17260)	56300 (16500)	53600 (15710)				
	30 (-1.1)		60600 (17760)	58100 (17030)	55500 (16270)	53100 (15560)	50600 (14830)	48200 (14130)				
	25 (-3.9)		54400 (15940)	52100 (15270)	49900 (14620)	47700 (13980)	45500 (13330)	43300 (12690)				
	20 (-6.7)		48700 (14270)	46600 (13660)	44600 (13070)	42600 (12480)	40600 (11900)	38700 (11340)				
	15 (-9.4)		43400 (12720)	41600 (12190)	39800 (11660)	38000 (11140)	36200 (10610)	34500 (10110)				
	10 (-12.2)		38500 (11280)	37000 (10840)	35400 (10370)	33800 (9910)	32300 (9470)	30900 (9060)				
KESA075H8 Compressor Model 2DL3R78KE	5 (-15.0)		34200 (10020)	32800 (9610)	31400 (9200)	30100 (8820)	28800 (8440)	27600 (8090)				
	0 (-17.8)		30300 (8880)	29100 (8530)	27900 (8180)	26900 (7880)	25700 (7530)	24800 (7270)				
	40 (4.4)		88500 (25940)	84900 (24880)	81500 (23890)	78000 (22860)	74400 (21800)	71000 (20810)				
	35 (1.7)		80600 (23620)	77400 (22680)	74100 (21720)	71000 (20810)	67700 (19840)	64600 (18930)				
	30 (-1.1)		73200 (21450)	70200 (20570)	67300 (19720)	64400 (18870)	61400 (17990)	58600 (17170)				
	25 (-3.9)		66200 (19400)	63400 (18580)	60800 (17820)	58200 (17060)	55500 (16270)	53000 (15530)				
	20 (-6.7)		59500 (17440)	57100 (16730)	54800 (16060)	52400 (15360)	50200 (14710)	47900 (14040)				
	15 (-9.4)		53300 (15620)	51200 (15010)	49200 (14420)	47100 (13800)	45200 (13250)	43300 (12690)				
KESA077H8 Compressor Model 2DA3R89KE	10 (-12.2)		47800 (14010)	45900 (13450)	44100 (12920)	42400 (12430)	40700 (11930)	39100 (11460)				
	5 (-15.0)		42500 (12460)	41100 (12050)	39500 (11580)	38100 (11170)	36600 (10730)	35400 (10370)				
	0 (-17.8)		37900 (11110)	36600 (10730)	35400 (10370)	34200 (10020)	33200 (9730)	32200 (9440)				
	40 (4.4)		105500 (30920)	101400 (29720)	97300 (28520)	93200 (27310)	89100 (26110)	85100 (24940)				
	35 (1.7)		95800 (28080)	92100 (26990)	88300 (25880)	84600 (24790)	80900 (23710)	77200 (22630)				
	30 (-1.1)		86600 (25380)	83300 (24410)	79900 (23420)	76500 (22420)	73100 (21420)	69700 (20430)				
	25 (-3.9)		78100 (22890)	75100 (22010)	71900 (21070)	68900 (20190)	65800 (19280)	62800 (18400)				
	20 (-6.7)		70000 (20510)	67300 (19720)	64600 (18930)	61800 (18110)	59100 (17320)	56400 (16530)				
KESA080H8 Compressor Model 3DA3R10ME	15 (-9.4)		62700 (18380)	60200 (17640)	57800 (16940)	55200 (16180)	52800 (15470)	50300 (14740)				
	10 (-12.2)		55800 (16350)	53600 (15710)	51300 (15030)	49100 (14390)	46900 (13740)	44700 (13100)				
	5 (-15.0)		49600 (14540)	47600 (13950)	45600 (13360)	43600 (12780)	41700 (12220)	39700 (11630)				
	0 (-17.8)		43800 (12840)	42000 (12310)	40300 (11810)	38500 (11280)	36800 (10780)	35000 (10260)				
	40 (4.4)		122900 (36020)	118000 (34580)	113300 (33200)	108600 (31830)	103800 (30420)	99200 (29070)				
	35 (1.7)		112400 (32940)	107900 (31620)	103600 (30360)	99200 (29070)	95000 (27840)	90700 (26580)				
	30 (-1.1)		102300 (29980)	98300 (28810)	94300 (27640)	90300 (26460)	86400 (25320)	82400 (24150)				
	25 (-3.9)		92600 (27140)	88900 (26050)	85400 (25030)	81700 (23940)	78000 (22860)	74400 (21800)				
KESA100H8 Compressor Model 3DB3R12ME	20 (-6.7)		83400 (24440)	80100 (23470)	76800 (22510)	73400 (21510)	70000 (20510)	66700 (19550)				
	15 (-9.4)		74800 (21920)	71700 (21010)	68700 (20130)	65500 (19200)	62400 (18290)	59100 (17320)				
	10 (-12.2)		66700 (19550)	63900 (18730)	61000 (17880)	58100 (17030)	55000 (16120)	52000 (15240)				
	5 (-15.0)		59200 (17350)	56600 (16590)	53900 (15800)	51000 (14950)	48100 (14100)	45200 (13250)				
	0 (-17.8)		52300 (15330)	49800 (14590)	47100 (13800)	44400 (13010)	41600 (12190)	38600 (11310)				
	40 (4.4)		139800 (40970)	134300 (39360)	128800 (37750)	123400 (36160)	117900 (34550)	-				
	35 (1.7)		128500 (37660)	123500 (36190)	118500 (34730)	113500 (33260)	108400 (31770)	103300 (30270)				
	30 (-1.1)		117600 (34470)	113000 (33120)	108500 (31800)	103700 (30390)	99100 (29040)	94300 (27640)				
KESA120H8 Compressor Model 3DF3R15ME	25 (-3.9)		107000 (31360)	102800 (30130)	98600 (28900)	94300 (27640)	90000 (26380)	85500 (25060)				
	20 (-6.7)		96800 (28370)	93000 (27260)	89100 (26110)	85200 (24970)	81200 (23800)	77000 (22570)				
	15 (-9.4)		87300 (25590)	83800 (24560)	80100 (23470)	76400 (22390)	72600 (21280)	68700 (20130)				
	10 (-12.2)		78200 (22920)	75000 (21980)	71500 (20950)	68000 (19930)	64400 (18870)	60600 (17760)				
	5 (-15.0)		69700 (20430)	66700 (19550)	63400 (18580)	60100 (17610)	56600 (16590)	52900 (15500)				
	0 (-17.8)		61800 (18110)	58900 (17260)	55900 (16380)	52600 (15420)	49100 (14390)	45600 (13360)				
	40 (4.4)		173300 (50790)	166400 (48770)	159500 (46740)	152800 (44780)	146000 (42790)	139200 (40800)				
	35 (1.7)		158300 (46390)	152100 (44580)	146000 (42790)	139800 (40970)	133600 (39150)	127400 (37340)				
KESA150H8 Compressor Model 3DS3R17ME	30 (-1.1)		144100 (42230)	138500 (40590)	132800 (38920)	127200 (37280)	121500 (35610)	115800 (33940)				
	25 (-3.9)		130300 (38190)	125300 (36720)	120200 (35230)	115000 (33700)	109800 (32180)	104600 (30660)				
	20 (-6.7)		117300 (34380)	112800 (33060)	108200 (31710)	103400 (30300)	98600 (28900)	93700 (27460)				
	15 (-9.4)		105100 (30800)	100900 (29570)	96700 (28340)	92400 (27080)	87900 (25760)	83400 (24440)				
	10 (-12.2)		93700 (27460)	89900 (26350)	86000 (25200)	82000 (24030)	77800 (22800)	73500 (21540)				
	5 (-15.0)		83200 (24380)	79700 (23360)	76100 (22300)	72300 (21190)	68400 (20050)	64200 (18820)				
	0 (-17.8)		73600 (21570)	70500 (20660)	67000 (19640)	63300 (18550)	59500 (17440)	55500 (16270)				
	40 (4.4)		190600 (55860)	183200 (53690)	175900 (51550)	168700 (49440)	161600 (47360)	154500 (45280)				

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

MODEL KES	SATURATED SUCTION TEMPERATURE		CAPACITY BTU/H (WATTS) R407A AMBIENT TEMPERATURE °F (°C)							
	° F	° C	85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 40.6)	110 (43.3)		
KESA035L8 Compressor Model 2DF3F16KE	0 (-17.8)		30000 (8790)	28700 (8410)	27300 (8000)	25900 (7590)	24600 (7210)	- -		
	-5 (-20.6)		26100 (7650)	25000 (7330)	23700 (6950)	22600 (6620)	21300 (6240)	20200 (5920)		
	-10 (-23.3)		22800 (6680)	21700 (6360)	20600 (6040)	19500 (5710)	18500 (5420)	17400 (5100)		
	-15 (-26.1)		19700 (5770)	18800 (5510)	17900 (5250)	16900 (4950)	16000 (4690)	15000 (4400)		
	-20 (-28.9)		17100 (5010)	16200 (4750)	15300 (4480)	14500 (4250)	13700 (4020)	12800 (3750)		
	-25 (-31.7)		14700 (4310)	13900 (4070)	13100 (3840)	12400 (3630)	11600 (3400)	10900 (3190)		
	-30 (-34.4)		12400 (3630)	11800 (3460)	11000 (3220)	10300 (3020)	9680 (2840)	9030 (2650)		
	-35 (-37.2)		10300 (3020)	9690 (2840)	9070 (2660)	8450 (2480)	7840 (2300)	7250 (2120)		
-40 (-40.0)		8330 (2440)	7730 (2270)	7140 (2090)	6570 (1930)	6010 (1760)	5460 (1600)			
KESA040L8 Compressor Model 2DL3F20KE	0 (-17.8)		35700 (10460)	34200 (10020)	32800 (9610)	31200 (9140)	29600 (8670)	27900 (8180)		
	-5 (-20.6)		31600 (9260)	30200 (8850)	28900 (8470)	27500 (8060)	26000 (7620)	24600 (7210)		
	-10 (-23.3)		27700 (8120)	26500 (7770)	25300 (7410)	23900 (7000)	22700 (6650)	21400 (6270)		
	-15 (-26.1)		24200 (7090)	23000 (6740)	21800 (6390)	20800 (6100)	19600 (5740)	18400 (5390)		
	-20 (-28.9)		20800 (6100)	19700 (5770)	18800 (5510)	17700 (5190)	16700 (4890)	15800 (4630)		
	-25 (-31.7)		17700 (5190)	16800 (4920)	15900 (4660)	15000 (4400)	14100 (4130)	13200 (3870)		
	-30 (-34.4)		14800 (4340)	14100 (4130)	13200 (3870)	12500 (3660)	11700 (3430)	10900 (3190)		
	-35 (-37.2)		12200 (3580)	11600 (3400)	10800 (3170)	10200 (2990)	9510 (2790)	8890 (2610)		
-40 (-40.0)		9860 (2890)	9220 (2700)	8640 (2530)	8090 (2370)	7570 (2220)	7080 (2070)			
KESA060L8 Compressor Model 2DB3F25KE	0 (-17.8)		44600 (13070)	42900 (12570)	41200 (12070)	39500 (11580)	37700 (11050)	35800 (10490)		
	-5 (-20.6)		39300 (11520)	37800 (11080)	36100 (10580)	34500 (10110)	32900 (9640)	31200 (9140)		
	-10 (-23.3)		34500 (10110)	33100 (9700)	31600 (9260)	30100 (8820)	28700 (8410)	27100 (7940)		
	-15 (-26.1)		30200 (8850)	28900 (8470)	27500 (8060)	26100 (7650)	24900 (7300)	23400 (6860)		
	-20 (-28.9)		26300 (7710)	25000 (7330)	23800 (6980)	22600 (6620)	21400 (6270)	20200 (5920)		
	-25 (-31.7)		22600 (6620)	21500 (6300)	20400 (5980)	19300 (5660)	18300 (5360)	17200 (5040)		
	-30 (-34.4)		19200 (5630)	18200 (5330)	17200 (5040)	16400 (4810)	15400 (4510)	14600 (4280)		
	-35 (-37.2)		16000 (4690)	15100 (4430)	14300 (4190)	13500 (3960)	12800 (3750)	12100 (3550)		
-40 (-40.0)		12900 (3780)	12200 (3580)	11600 (3400)	10900 (3190)	10300 (3020)	9810 (2880)			
KESA061L8 Compressor Model 3DA3F28KE	0 (-17.8)		50500 (14800)	48400 (14180)	46300 (13570)	44200 (12950)	42000 (12310)	- -		
	-5 (-20.6)		44600 (13070)	42600 (12480)	40700 (11930)	38700 (11340)	36800 (10780)	34800 (10200)		
	-10 (-23.3)		39200 (11490)	37400 (10960)	35600 (10430)	33800 (9910)	32000 (9380)	30100 (8820)		
	-15 (-26.1)		34200 (10020)	32600 (9550)	31000 (9090)	29300 (8590)	27600 (8090)	25900 (7590)		
	-20 (-28.9)		29700 (8700)	28200 (8260)	26800 (7850)	25200 (7390)	23600 (6920)	22100 (6480)		
	-25 (-31.7)		25600 (7500)	24300 (7120)	22800 (6680)	21400 (6270)	20000 (5860)	18500 (5420)		
	-30 (-34.4)		21700 (6360)	20500 (6010)	19200 (5630)	17900 (5250)	16500 (4840)	15000 (4400)		
	-35 (-37.2)		18300 (5360)	17000 (4980)	15800 (4630)	14500 (4250)	13100 (3840)	11800 (3460)		
-40 (-40.0)		14800 (4340)	13700 (4020)	12500 (3660)	11200 (3280)	9950 (2920)	8620 (2530)			
KESA075L8 Compressor Model 3DB3F33KE	0 (-17.8)		58800 (17230)	56500 (16560)	54100 (15860)	51800 (15180)	49600 (14540)	- -		
	-5 (-20.6)		52300 (15330)	50100 (14680)	47900 (14040)	45700 (13390)	43500 (12750)	- -		
	-10 (-23.3)		46300 (13570)	44200 (12950)	42100 (12340)	40000 (11720)	38000 (11140)	36000 (10550)		
	-15 (-26.1)		40800 (11960)	39000 (11430)	37000 (10840)	35000 (10260)	33100 (9700)	31200 (9140)		
	-20 (-28.9)		35900 (10520)	34000 (9960)	32200 (9440)	30300 (8880)	28500 (8350)	26700 (7820)		
	-25 (-31.7)		31300 (9170)	29500 (8650)	27700 (8120)	26000 (7620)	24300 (7120)	22500 (6590)		
	-30 (-34.4)		26900 (7880)	25200 (7390)	23500 (6890)	21800 (6390)	20200 (5920)	18500 (5420)		
	-35 (-37.2)		22600 (6620)	21100 (6180)	19500 (5710)	17900 (5250)	16300 (4780)	14700 (4310)		
-40 (-40.0)		18400 (5390)	16900 (4950)	15400 (4510)	14000 (4100)	12400 (3630)	10800 (3170)			
KESA090L8 Compressor Model 3DF3F40KE	0 (-17.8)		73800 (21630)	71000 (20810)	68100 (19960)	65200 (19110)	62500 (18320)	- -		
	-5 (-20.6)		65600 (19230)	62900 (18430)	60200 (17640)	57400 (16820)	54700 (16030)	52100 (15270)		
	-10 (-23.3)		58000 (17000)	55400 (16240)	52800 (15470)	50200 (14710)	47700 (13980)	45200 (13250)		
	-15 (-26.1)		50900 (14920)	48500 (14210)	46000 (13480)	43600 (12780)	41100 (12050)	38700 (11340)		
	-20 (-28.9)		44300 (12980)	42000 (12310)	39700 (11630)	37400 (10960)	35100 (10290)	32900 (9640)		
	-25 (-31.7)		38100 (11170)	36000 (10550)	33900 (9940)	31700 (9290)	29600 (8670)	27500 (8060)		
	-30 (-34.4)		32300 (9470)	30500 (8940)	28500 (8350)	26500 (7770)	24500 (7180)	22600 (6620)		
	-35 (-37.2)		27000 (7910)	25200 (7390)	23400 (6860)	21600 (6330)	19700 (5770)	18000 (5280)		
-40 (-40.0)		21800 (6390)	20300 (5950)	18700 (5480)	17000 (4980)	15400 (4510)	13800 (4040)			

NOTES:

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

table continues on next page >>>

CAPACITY DATA - **R407A** LOW TEMPERATURE (cont'd)

60Hz

MODEL KES	SATURATED SUCTION TEMPERATURE		CAPACITY BTU/H (WATTS) R407A						AMBIENT TEMPERATURE °F (°C)			
	° F	° C	85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)				
KESA100L8 Compressor Model 3DSF46KE	0 (-17.8)		79000 (23150)	75800 (22210)	72700 (21310)	69400 (20340)	66000 (19340)	-	-			
	-5 (-20.6)		70000 (20510)	67100 (19660)	64200 (18820)	61100 (17910)	58100 (17030)	54900 (16090)				
	-10 (-23.3)		61800 (18110)	59100 (17320)	56400 (16530)	53700 (15740)	50700 (14860)	47900 (14040)				
	-15 (-26.1)		54400 (15940)	51900 (15210)	49200 (14420)	46700 (13690)	44100 (12920)	41400 (12130)				
	-20 (-28.9)		47500 (13920)	45000 (13190)	42700 (12510)	40300 (11810)	37900 (11110)	35400 (10370)				
	-25 (-31.7)		41000 (12020)	38700 (11340)	36600 (10730)	34400 (10080)	32200 (9440)	29900 (8760)				
	-30 (-34.4)		34900 (10230)	32900 (9640)	30900 (9060)	28900 (8470)	26900 (7880)	24800 (7270)				
	-35 (-37.2)		29000 (8500)	27200 (7970)	25300 (7410)	23500 (6890)	21700 (6360)	19800 (5800)				
-40 (-40.0)		23300 (6830)	21600 (6330)	20000 (5860)	18400 (5390)	16700 (4890)	15100 (4430)					
KESA130L8 Compressor Model 4DBNF54KE	0 (-17.8)		97400 (28550)	93300 (27340)	89100 (26110)	84900 (24880)	80600 (23620)	76200 (22330)				
	-5 (-20.6)		86600 (25380)	83000 (24320)	79200 (23210)	75300 (22070)	71300 (20900)	67300 (19720)				
	-10 (-23.3)		76300 (22360)	73000 (21390)	69600 (20400)	66000 (19340)	62500 (18320)	58700 (17200)				
	-15 (-26.1)		66700 (19550)	63600 (18640)	60600 (17760)	57300 (16790)	54000 (15830)	50600 (14830)				
	-20 (-28.9)		57500 (16850)	54800 (16060)	52000 (15240)	49000 (14360)	46000 (13480)	42800 (12540)				
	-25 (-31.7)		49100 (14390)	46700 (13690)	44100 (12920)	41400 (12130)	38500 (11280)	35600 (10430)				
	-30 (-34.4)		41400 (12130)	39200 (11490)	36800 (10780)	34200 (10020)	31600 (9260)	28900 (8470)				
	-35 (-37.2)		34300 (10050)	32200 (9440)	30000 (8790)	27700 (8120)	25200 (7390)	22700 (6650)				
-40 (-40.0)		27900 (8180)	26000 (7620)	23900 (7000)	21700 (6360)	19400 (5690)	16900 (4950)					
KESA150L8 Compressor Model 4DHNF63KE	0 (-17.8)		109300 (32030)	104700 (30680)	100000 (29310)	95300 (27930)	90600 (26550)	-	-			
	-5 (-20.6)		97900 (28690)	93700 (27460)	89500 (26230)	85300 (25000)	81100 (23770)	76800 (22510)				
	-10 (-23.3)		87000 (25500)	83300 (24410)	79500 (23300)	75700 (22190)	71800 (21040)	67900 (19900)				
	-15 (-26.1)		76900 (22540)	73500 (21540)	70000 (20510)	66600 (19520)	63000 (18460)	59500 (17440)				
	-20 (-28.9)		67200 (19690)	64200 (18820)	61100 (17910)	58000 (17000)	54800 (16060)	51600 (15120)				
	-25 (-31.7)		58300 (17090)	55500 (16270)	52700 (15440)	49900 (14620)	46900 (13740)	44000 (12900)				
	-30 (-34.4)		50000 (14650)	47500 (13920)	44900 (13160)	42300 (12400)	39700 (11630)	37000 (10840)				
	-35 (-37.2)		42300 (12400)	40000 (11720)	37700 (11050)	35300 (10350)	32900 (9640)	30300 (8880)				
-40 (-40.0)		35300 (10350)	33300 (9760)	31100 (9110)	28900 (8470)	26600 (7800)	24300 (7120)					
KESA220L8 Compressor Model 4DJNF76KE	0 (-17.8)		135100 (39590)	129500 (37950)	123800 (36280)	117900 (34550)	112000 (32820)	-	-			
	-5 (-20.6)		119900 (35140)	114700 (33620)	109400 (32060)	104000 (30480)	98500 (28870)	-	-			
	-10 (-23.3)		105700 (30980)	100900 (29570)	96100 (28160)	91000 (26670)	86000 (25200)	80900 (23710)				
	-15 (-26.1)		92600 (27140)	88200 (25850)	83800 (24560)	79300 (23240)	74700 (21890)	69900 (20490)				
	-20 (-28.9)		80600 (23620)	76800 (22510)	72800 (21340)	68700 (20130)	64600 (18930)	60300 (17670)				
	-25 (-31.7)		69900 (20490)	66500 (19490)	63000 (18460)	59400 (17410)	55800 (16350)	52000 (15240)				
	-30 (-34.4)		60500 (17730)	57500 (16850)	54500 (15970)	51500 (15090)	48300 (14160)	45000 (13190)				
	-35 (-37.2)		52300 (15330)	50000 (14650)	47500 (13920)	44900 (13160)	42300 (12400)	39600 (11610)				
-40 (-40.0)		45700 (13390)	43800 (12840)	41900 (12280)	40000 (11720)	37900 (11110)	35700 (10460)					

NOTES:

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

CAPACITY DATA - **R448A**

MEDIUM TEMPERATURE

60Hz

MODEL KES	SATURATED SUCTION TEMPERATURE ° F ° C	CAPACITY BTU/H (WATTS) R448A AMBIENT TEMPERATURE °F (°C)							
		85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)		
KESA010M8 Compressor Model KARB-010E	25 (-3.9)	9810 (2880)	9390 (2750)	8980 (2630)	8560 (2510)	8140 (2390)	7700 (2260)		
	20 (-6.7)	9050 (2650)	8660 (2540)	8280 (2430)	7910 (2320)	7530 (2210)	7130 (2090)		
	15 (-9.4)	8170 (2390)	7820 (2290)	7480 (2190)	7140 (2090)	6790 (1990)	6440 (1890)		
	10 (-12.2)	7220 (2120)	6920 (2030)	6620 (1940)	6300 (1850)	6000 (1760)	5680 (1660)		
	5 (-15)	6320 (1850)	6050 (1770)	5780 (1690)	5490 (1610)	5220 (1530)	4940 (1450)		
	0 (-17.8)	5500 (1610)	5270 (1540)	5030 (1470)	4790 (1400)	4550 (1330)	4280 (1250)		
	-5 (-20.6)	4880 (1430)	4670 (1370)	4450 (1300)	4250 (1250)	4030 (1180)	3800 (1110)		
KESA020M8 Compressor Model KAKA-020E	25 (-3.9)	16400 (4810)	15600 (4570)	14900 (4370)	14300 (4190)	13500 (3960)	12800 (3750)		
	20 (-6.7)	14800 (4340)	14200 (4160)	13500 (3960)	12900 (3780)	12300 (3600)	11700 (3430)		
	15 (-9.4)	13200 (3870)	12700 (3720)	12200 (3580)	11700 (3430)	11100 (3250)	10600 (3110)		
	10 (-12.2)	11900 (3490)	11300 (3310)	10900 (3190)	10400 (3050)	9940 (2910)	9460 (2770)		
	5 (-15)	10400 (3050)	10000 (2930)	9640 (2830)	9230 (2710)	8820 (2580)	8400 (2460)		
	0 (-17.8)	9180 (2690)	8810 (2580)	8460 (2480)	8130 (2380)	7770 (2280)	7380 (2160)		
	-5 (-20.6)	8010 (2350)	7700 (2260)	7400 (2170)	7090 (2080)	6770 (1980)	6440 (1890)		
KESA021M8 Compressor Model ERCA-021E	25 (-3.9)	19400 (5690)	18600 (5450)	17600 (5160)	16700 (4890)	15900 (4660)	14900 (4370)		
	20 (-6.7)	17400 (5100)	16600 (4860)	15900 (4660)	15000 (4400)	14300 (4190)	13400 (3930)		
	15 (-9.4)	15400 (4510)	14700 (4310)	14100 (4130)	13300 (3900)	12600 (3690)	12000 (3520)		
	10 (-12.2)	13500 (3960)	12900 (3780)	12300 (3600)	11700 (3430)	11000 (3220)	10400 (3050)		
	5 (-15)	11800 (3460)	11200 (3280)	10700 (3140)	10100 (2960)	9540 (2800)	9000 (2640)		
	0 (-17.8)	10200 (2990)	9660 (2830)	9150 (2680)	8640 (2530)	8150 (2390)	7640 (2240)		
	-5 (-20.6)	8760 (2570)	8270 (2420)	7800 (2290)	7330 (2150)	6880 (2020)	6430 (1880)		
KESA030M8 Compressor Model ERFA-031E	25 (-3.9)	29100 (8530)	27800 (8150)	26700 (7820)	25400 (7440)	24200 (7090)	22900 (6710)		
	20 (-6.7)	26000 (7620)	25000 (7330)	23900 (7000)	22900 (6710)	21700 (6360)	20600 (6040)		
	15 (-9.4)	23100 (6770)	22200 (6510)	21200 (6210)	20300 (5950)	19300 (5660)	18300 (5360)		
	10 (-12.2)	20300 (5950)	19400 (5690)	18600 (5450)	17700 (5190)	16900 (4950)	16000 (4690)		
	5 (-15.0)	17600 (5160)	16900 (4950)	16100 (4720)	15300 (4480)	14600 (4280)	13800 (4040)		
	0 (-17.8)	15200 (4450)	14600 (4280)	13900 (4070)	13100 (3840)	12400 (3630)	11800 (3460)		
	-5 (-20.6)	13200 (3870)	12600 (3690)	12000 (3520)	11200 (3280)	10600 (3110)	9950 (2920)		

NOTES:

- Above ratings are based on mean temperature.
- To convert to dew point ratings, use 0.95 multiplier.
- Shaded Area Restriction: 20°F Max Superheat
- For R449A, use R448A data.

CAPACITY DATA - **R448A**

HIGH / MEDIUM TEMPERATURE

60Hz

MODEL KES	SATURATED SUCTION TEMPERATURE		CAPACITY BTU/H (WATTS) R448A AMBIENT TEMPERATURE °F (°C)									
	° F	° C	85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)				
KESA050H8 Compressor Model 2DC3R53KE	40 (4.4)		66600 (19520)	63800 (18700)	61200 (17940)	58600 (17170)	55900 (16380)	53200 (15590)				
	35 (1.7)		60300 (17670)	57900 (16970)	55300 (16210)	52900 (15500)	50500 (14800)	48100 (14100)				
	30 (-1.1)		54400 (15940)	52100 (15270)	49900 (14620)	47700 (13980)	45500 (13330)	43300 (12690)				
	25 (-3.9)		48800 (14300)	46700 (13690)	44700 (13100)	42700 (12510)	40700 (11930)	38700 (11340)				
	20 (-6.7)		43700 (12810)	41800 (12250)	40000 (11720)	38100 (11170)	36300 (10640)	34500 (10110)				
	15 (-9.4)		38900 (11400)	37200 (10900)	35600 (10430)	33900 (9940)	32300 (9470)	30800 (9030)				
	10 (-12.2)		34400 (10080)	33000 (9670)	31500 (9230)	30000 (8790)	28700 (8410)	27300 (8000)				
	5 (-15.0)		30500 (8940)	29200 (8560)	27900 (8180)	26600 (7800)	25400 (7440)	24200 (7090)				
0 (-17.8)		26900 (7880)	25700 (7530)	24700 (7240)	23500 (6890)	22500 (6590)	21400 (6270)					
KESA051H8 Compressor Model 2DD3R63KE	40 (4.4)		75000 (21980)	72100 (21130)	69000 (20220)	66100 (19370)	63300 (18550)	60500 (17750)	57700 (16920)	55100 (16150)		
	35 (1.7)		68200 (19990)	65500 (19200)	62700 (18380)	59900 (17550)	57400 (16820)	54900 (16100)	52400 (15380)	49900 (14660)		
	30 (-1.1)		61800 (18110)	59300 (17380)	56800 (16650)	54300 (15910)	51900 (15210)	49500 (14510)	47100 (13810)	44700 (13100)		
	25 (-3.9)		55600 (16290)	53400 (15650)	51200 (15010)	49000 (14360)	46900 (13740)	44800 (13130)	42700 (12510)	40600 (11900)		
	20 (-6.7)		50100 (14680)	48000 (14070)	46000 (13480)	44000 (12900)	41900 (12280)	40000 (11720)	38000 (11120)	36000 (10520)		
	15 (-9.4)		44800 (13130)	43000 (12600)	41200 (12070)	39400 (11550)	37500 (10990)	35700 (10460)	33900 (9940)	32100 (9420)		
	10 (-12.2)		39800 (11660)	38400 (11250)	36700 (10760)	35000 (10260)	33500 (9820)	31900 (9350)	30300 (8880)	28700 (8410)		
	5 (-15.0)		35500 (10400)	34000 (9960)	32600 (9550)	31200 (9140)	29800 (8730)	28400 (8320)	27000 (7910)	25600 (7500)		
0 (-17.8)		31400 (9200)	30100 (8820)	28900 (8470)	27600 (8090)	26300 (7710)	25100 (7360)					
KESA075H8 Compressor Model 2DL3R78KE	40 (4.4)		89400 (26200)	86000 (25200)	82500 (24180)	79100 (23180)	75700 (22190)	72300 (21190)	68900 (20210)	65500 (19220)	62100 (18230)	58700 (17240)
	35 (1.7)		81700 (23940)	78600 (23040)	75500 (22130)	72300 (21190)	69200 (20280)	66100 (19370)	63000 (18460)	59900 (17550)	56800 (16650)	53700 (15740)
	30 (-1.1)		74600 (21860)	71700 (21010)	68900 (20190)	65900 (19310)	63100 (18490)	60300 (17670)	57500 (16850)	54700 (16030)	51900 (15210)	49100 (14390)
	25 (-3.9)		67700 (19840)	65100 (19080)	62600 (18350)	60000 (17580)	57400 (16820)	54800 (16060)	52200 (15300)	49600 (14540)	47000 (13780)	44400 (13020)
	20 (-6.7)		61300 (17970)	59000 (17290)	56700 (16620)	54400 (15940)	52100 (15270)	49700 (14570)	47400 (13870)	45100 (13170)	42800 (12470)	40500 (11770)
	15 (-9.4)		55300 (16210)	53200 (15590)	51100 (14980)	49100 (14390)	46900 (13740)	44800 (13130)	42700 (12510)	40600 (11900)	38500 (11290)	36400 (10680)
	10 (-12.2)		49700 (14570)	47900 (14040)	46000 (13480)	44100 (12920)	42200 (12370)	40300 (11810)	38400 (11260)	36500 (10710)	34600 (10160)	32700 (9610)
	5 (-15.0)		44400 (13010)	42700 (12510)	41200 (12070)	39500 (11580)	37800 (11080)	36000 (10550)	34200 (10050)	32400 (9550)	30600 (9050)	28800 (8550)
0 (-17.8)		39500 (11580)	38000 (11140)	36500 (10700)	35000 (10260)	33500 (9820)	32000 (9380)					
KESA077H8 Compressor Model 2DA3R89KE	40 (4.4)		106800 (31300)	102700 (30100)	98700 (28930)	94600 (27720)	90400 (26490)	86300 (25290)	82200 (24090)	78100 (22890)	74000 (21690)	69900 (20490)
	35 (1.7)		97300 (28520)	93700 (27460)	89900 (26350)	86200 (25260)	82400 (24150)	78600 (23040)	74800 (21930)	71000 (20820)	67200 (19710)	63400 (18600)
	30 (-1.1)		88300 (25880)	84900 (24880)	81600 (23910)	78200 (22920)	74900 (21950)	71600 (20980)	68300 (20010)	65000 (19040)	61700 (18070)	58400 (17100)
	25 (-3.9)		79800 (23390)	76800 (22510)	73700 (21600)	70700 (20720)	67600 (19810)	64600 (18930)	61500 (18050)	58500 (17170)	55400 (16290)	52300 (15410)
	20 (-6.7)		71800 (21040)	69100 (20250)	66400 (19460)	63600 (18640)	60900 (17850)	58100 (17030)	55400 (16240)	52600 (15450)	49900 (14660)	47100 (13870)
	15 (-9.4)		64400 (18870)	62000 (18170)	59400 (17410)	57000 (16700)	54500 (15970)	52100 (15270)	49700 (14570)	47300 (13870)	44900 (13170)	42500 (12470)
	10 (-12.2)		57400 (16820)	55200 (16180)	53000 (15530)	50800 (14890)	48600 (14240)	46400 (13600)	44200 (12960)	42000 (12320)	39800 (11680)	37600 (11040)
	5 (-15.0)		51000 (14950)	49000 (14360)	47100 (13800)	45200 (13250)	43200 (12660)	41200 (12070)	39200 (11480)	37200 (10890)	35200 (10300)	33200 (9710)
0 (-17.8)		45200 (13250)	43400 (12720)	41700 (12220)	39900 (11690)	38100 (11170)	36300 (10640)					
KESA080H8 Compressor Model 3DA3R10ME	40 (4.4)		124400 (36460)	119600 (35050)	114900 (33670)	110000 (32240)	105300 (30860)	100600 (29480)	96000 (28100)	91400 (26720)	86800 (25340)	82200 (23960)
	35 (1.7)		114100 (33440)	109800 (32180)	105400 (30890)	101100 (29630)	96700 (28340)	92500 (27050)	88300 (25880)	84100 (24510)	79900 (23220)	75700 (21930)
	30 (-1.1)		104200 (30540)	100300 (29390)	96300 (28220)	92300 (27050)	88300 (25880)	84300 (24710)	80300 (23540)	76300 (22370)	72300 (21200)	68300 (20030)
	25 (-3.9)		94600 (27720)	91000 (26670)	87400 (25610)	83700 (24530)	80100 (23470)	76400 (22390)	72800 (21330)	69200 (20270)	65600 (19210)	62000 (18150)
	20 (-6.7)		85500 (25060)	82100 (24060)	78900 (23120)	75500 (22130)	72100 (21130)	68800 (20160)	65500 (19190)	62200 (18220)	58900 (17250)	55600 (16280)
	15 (-9.4)		76800 (22510)	73700 (21600)	70700 (20720)	67600 (19810)	64500 (18900)	61300 (17970)	58200 (17060)	55100 (16150)	52000 (15240)	48900 (14330)
	10 (-12.2)		68600 (20100)	65700 (19250)	63000 (18460)	60100 (17610)	57100 (16730)	54100 (15860)	51100 (15000)	48100 (14130)	45100 (13260)	42100 (12400)
	5 (-15.0)		60900 (17850)	58400 (17120)	55700 (16320)	52900 (15500)	50100 (14680)	47300 (13860)	44500 (13040)	41700 (12220)	38900 (11400)	36100 (10580)
0 (-17.8)		53900 (15800)	51500 (15090)	48900 (14330)	46300 (13570)	43600 (12810)	40900 (12050)					
KESA100H8 Compressor Model 3DB3R12ME	40 (4.4)		141500 (41470)	136200 (39920)	130700 (38300)	125200 (36690)	119700 (35080)	114200 (33470)	108700 (31860)	103200 (30250)	97700 (28640)	92200 (27030)
	35 (1.7)		130600 (38270)	125700 (36840)	120600 (35340)	115500 (33850)	110400 (32350)	105300 (30860)	100200 (29370)	95100 (27880)	89900 (26390)	84800 (24900)
	30 (-1.1)		119900 (35140)	115300 (33790)	110700 (32440)	106100 (31090)	101500 (29740)	96900 (28340)	92300 (27050)	87700 (25690)	83100 (24340)	78500 (22990)
	25 (-3.9)		109400 (32060)	105200 (30830)	101000 (29600)	96700 (28340)	92300 (27050)	87900 (25760)	83500 (24470)	79100 (23180)	74700 (21890)	70300 (20600)
	20 (-6.7)		99200 (29070)	95400 (27960)	91600 (26850)	87600 (25670)	83600 (24500)	79600 (23320)	75600 (22150)	71600 (20980)	67600 (19810)	63600 (18640)
	15 (-9.4)		89600 (26260)	86100 (25230)	82500 (24180)	78900 (23120)	75100 (22010)	71300 (20900)	67500 (19790)	63700 (18680)	59900 (17570)	56100 (16460)
	10 (-12.2)		80400 (23560)	77200 (22630)	73800 (21630)	70500 (20660)	66900 (19610)	63300 (18560)	59700 (17510)	56100 (16460)	52500 (15410)	48900 (14360)
	5 (-15.0)		71800 (21040)	68800 (20160)	65600 (19230)	62400 (18290)	59000 (17290)	55400 (16240)	51800 (15190)	48200 (14140)	44600 (13090)	41000 (12040)
0 (-17.8)		63800 (18700)	61000 (17880)	58000 (17000)	54800 (16060)	51600 (15120)	48100 (14100)					
KESA120H8 Compressor Model 3DF3R15ME	40 (4.4)		175700 (51490)	168800 (49470)	161900 (47450)	155100 (45460)	148300 (43460)	141400 (41440)	134500 (39440)	127600 (37440)	120700 (35440)	113800 (33440)

CAPACITY DATA - **R448A** LOW TEMPERATURE

60Hz

MODEL KES	SATURATED SUCTION TEMPERATURE °F °C	CAPACITY BTU/H (WATTS) R448A AMBIENT TEMPERATURE °F (°C)									
		85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)				
KESA005L8 Compressor Model KANB-005E	0 (-17.8)	3560 (1040)	3340 (980)	3120 (910)	2900 (850)	2680 (790)	2480 (730)				
	-5 (-20.6)	3020 (890)	2820 (830)	2600 (760)	2400 (700)	2210 (650)	2020 (590)				
	-10 (-23.3)	2540 (740)	2350 (690)	2150 (630)	1960 (570)	1770 (520)	1600 (470)				
	-15 (-26.1)	2110 (620)	1930 (570)	1750 (510)	1580 (460)	1410 (410)	1240 (360)				
	-20 (-28.9)	1730 (510)	1560 (460)	1410 (410)	1240 (360)	1090 (320)	950 (280)				
	-25 (-31.7)	1390 (410)	1240 (360)	1100 (320)	970 (280)	820 (240)	690 (200)				
	-30 (-34.4)	1090 (320)	970 (280)	840 (250)	720 (210)	610 (180)	490 (140)				
	-35 (-37.2)	830 (240)	740 (220)	640 (190)	550 (160)	440 (130)	360 (110)				
KESA008L8 Compressor Model KAMB-007E	-40 (-40.0)	630 (180)	560 (160)	470 (140)	400 (120)	330 (100)	260 (80)				
	0 (-17.8)	5250 (1540)	4970 (1460)	4690 (1370)	4430 (1300)	4170 (1220)	3920 (1150)				
	-5 (-20.6)	4520 (1320)	4240 (1240)	3970 (1160)	3710 (1090)	3450 (1010)	3190 (930)				
	-10 (-23.3)	3830 (1120)	3570 (1050)	3320 (970)	3060 (900)	2810 (820)	2560 (750)				
	-15 (-26.1)	3220 (940)	2970 (870)	2730 (800)	2490 (730)	2250 (660)	2020 (590)				
	-20 (-28.9)	2670 (780)	2450 (720)	2220 (650)	2000 (590)	1760 (520)	1540 (450)				
	-25 (-31.7)	2180 (640)	1970 (580)	1790 (520)	1580 (460)	1380 (400)	1180 (350)				
	-30 (-34.4)	1790 (520)	1610 (470)	1430 (420)	1250 (370)	1080 (320)	920 (270)				
KESA010L8 Compressor Model KAJB-010E	-35 (-37.2)	1460 (430)	1320 (390)	1180 (350)	1030 (300)	890 (260)	760 (220)				
	-40 (-40.0)	1220 (360)	1120 (330)	1020 (300)	920 (270)	820 (240)	720 (210)				
	0 (-17.8)	6620 (1940)	6240 (1830)	5860 (1720)	5490 (1610)	5150 (1510)	4830 (1420)				
	-5 (-20.6)	5690 (1670)	5320 (1560)	4950 (1450)	4590 (1350)	4240 (1240)	3920 (1150)				
	-10 (-23.3)	4850 (1420)	4480 (1310)	4130 (1210)	3770 (1100)	3440 (1010)	3130 (920)				
	-15 (-26.1)	4110 (1200)	3760 (1100)	3410 (1000)	3090 (910)	2760 (810)	2470 (720)				
	-20 (-28.9)	3440 (1010)	3120 (910)	2800 (820)	2490 (730)	2190 (640)	1920 (560)				
	-25 (-31.7)	2850 (840)	2560 (750)	2270 (670)	2010 (590)	1730 (510)	1500 (440)				
KESA015L8 Compressor Model KALB-015E	-30 (-34.4)	2330 (680)	2090 (610)	1840 (540)	1600 (470)	1390 (410)	1190 (350)				
	-35 (-37.2)	1890 (550)	1700 (500)	1490 (440)	1310 (380)	1140 (330)	1010 (300)				
	-40 (-40.0)	1520 (450)	1390 (410)	1240 (360)	1120 (330)	1020 (300)	960 (280)				
	0 (-17.8)	10300 (3020)	9710 (2850)	9150 (2680)	8600 (2520)	8070 (2370)	7600 (2230)				
	-5 (-20.6)	8860 (2600)	8300 (2430)	7730 (2270)	7190 (2110)	6680 (1960)	6180 (1810)				
	-10 (-23.3)	7560 (2220)	7010 (2050)	6480 (1900)	5950 (1740)	5440 (1590)	4970 (1460)				
	-15 (-26.1)	6410 (1880)	5890 (1730)	5380 (1580)	4870 (1430)	4380 (1280)	3940 (1150)				
	-20 (-28.9)	5370 (1570)	4890 (1430)	4410 (1290)	3940 (1150)	3500 (1030)	3080 (900)				
KESA020L8 Compressor Model EADB-021E	-25 (-31.7)	4440 (1300)	4010 (1180)	3580 (1050)	3160 (930)	2760 (810)	2390 (700)				
	-30 (-34.4)	3630 (1060)	3270 (960)	2890 (850)	2520 (740)	2180 (640)	1870 (550)				
	-35 (-37.2)	2930 (860)	2630 (770)	2330 (680)	2050 (600)	1760 (520)	1530 (450)				
	-40 (-40.0)	2350 (690)	2130 (620)	1910 (560)	1700 (500)	1520 (450)	1380 (400)				
	0 (-17.8)	12800 (3750)	12100 (3550)	11400 (3340)	10700 (3140)	10000 (2930)	9380 (2750)				
	-5 (-20.6)	11200 (3280)	10600 (3110)	10000 (2930)	9410 (2760)	8800 (2580)	8220 (2410)				
	-10 (-23.3)	9810 (2880)	9250 (2710)	8680 (2540)	8130 (2380)	7590 (2220)	7080 (2070)				
	-15 (-26.1)	8410 (2460)	7910 (2320)	7400 (2170)	6900 (2020)	6420 (1880)	5950 (1740)				
KESA021L8 Compressor Model EAVB-021E	-20 (-28.9)	7120 (2090)	6650 (1950)	6180 (1810)	5730 (1680)	5300 (1550)	4890 (1430)				
	-25 (-31.7)	5930 (1740)	5510 (1610)	5090 (1490)	4670 (1370)	4280 (1250)	3910 (1150)				
	-30 (-34.4)	4920 (1440)	4530 (1330)	4130 (1210)	3740 (1100)	3370 (990)	3020 (890)				
	-35 (-37.2)	4070 (1190)	3700 (1080)	3320 (970)	2950 (860)	2600 (760)	2280 (670)				
	-40 (-40.0)	3430 (1010)	3060 (900)	2690 (790)	2350 (690)	2020 (590)	1710 (500)				
	0 (-17.8)	15600 (4570)	14800 (4340)	13900 (4070)	13000 (3810)	12200 (3580)	-				
	-5 (-20.6)	14000 (4100)	13200 (3870)	12400 (3630)	11600 (3400)	10800 (3170)	-				
	-10 (-23.3)	12400 (3630)	11700 (3430)	10900 (3190)	10200 (2990)	9540 (2800)	8890 (2610)				
KESA030L8 Compressor Model LAHA-032E	-15 (-26.1)	10800 (3170)	10200 (2990)	9530 (2790)	8910 (2610)	8320 (2440)	7740 (2270)				
	-20 (-28.9)	9390 (2750)	8790 (2580)	8220 (2410)	7670 (2250)	7150 (2100)	6660 (1950)				
	-25 (-31.7)	8020 (2350)	7500 (2200)	6980 (2050)	6510 (1910)	6070 (1780)	5670 (1660)				
	-30 (-34.4)	6790 (1990)	6320 (1850)	5870 (1720)	5470 (1600)	5090 (1490)	4770 (1400)				
	-35 (-37.2)	5700 (1670)	5280 (1550)	4900 (1440)	4560 (1340)	4240 (1240)	3990 (1170)				
	-40 (-40.0)	4760 (1400)	4400 (1290)	4060 (1190)	3790 (1110)	3540 (1040)	3350 (980)				
	0 (-17.8)	24700 (7240)	23200 (6800)	21800 (6390)	20400 (5980)	18800 (5510)	17200 (5040)				
	-5 (-20.6)	21600 (6330)	20400 (5980)	19200 (5630)	17900 (5250)	16600 (4860)	15100 (4430)				
KESA032L8 Compressor Model LACA-032E	-10 (-23.3)	18700 (5480)	17600 (5160)	16600 (4860)	15500 (4540)	14400 (4220)	13100 (3840)				
	-15 (-26.1)	16000 (4690)	15000 (4400)	14200 (4160)	13200 (3870)	12200 (3580)	11100 (3250)				
	-20 (-28.9)	13300 (3900)	12600 (3690)	11900 (3490)	11000 (3220)	10200 (2990)	9250 (2710)				
	-25 (-31.7)	10900 (3190)	10300 (3020)	9660 (2830)	8960 (2630)	8220 (2410)	7420 (2170)				
	-30 (-34.4)	8810 (2580)	8240 (2410)	7650 (2240)	7060 (2070)	6410 (1880)	5700 (1670)				
	-35 (-37.2)	6890 (2020)	6370 (1870)	5840 (1710)	5290 (1550)	4700 (1380)	4070 (1190)				
	-40 (-40.0)	5210 (1530)	4710 (1380)	4220 (1240)	3700 (1080)	3160 (930)	2570 (750)				
	0 (-17.8)	-	-	-	-	-	-				
KESA032L8 Compressor Model LACA-032E	-5 (-20.6)	-	-	-	-	-	-				
	-10 (-23.3)	-	-	-	-	-	-				
	-15 (-26.1)	-	-	-	-	-	-				
	-20 (-28.9)	16400 (4810)	15600 (4570)	14800 (4340)	13900 (4070)	12900 (3780)	12000 (3520)				
	-25 (-31.7)	13800 (4040)	13000 (3810)	12300 (3600)	11600 (3400)	10700 (3140)	9820 (2880)				
	-30 (-34.4)	11200 (3280)	10600 (3110)	9950 (2920)	9240 (2710)	8460 (2480)	7650 (2240)				
	-35 (-37.2)	8970 (2630)	8360 (2450)	7720 (2260)	7050 (2070)	6300 (1850)	5520 (1620)				
	-40 (-40.0)	6920 (2030)	6300 (1850)	5670 (1660)	4990 (1460)	4260 (1250)	3490 (1020)				

NOTES:

- Above ratings are based on mean temperature.
- Shaded Area Restriction: 20°F Max Superheat

- To convert to dew point ratings, use 0.95 multiplier.
- For R449A, use R448A data.

table continues on next page >>>

MODEL KES	SATURATED SUCTION TEMPERATURE ° F ° C	CAPACITY BTU/H (WATTS) R448A AMBIENT TEMPERATURE °F (°C)									
		85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 40.6)	110 (43.3)				
KESA035L8 Compressor Model 2DF3F16KE	-5 (-20.6)	27100 (7940)	25800 (7560)	24600 (7210)	23400 (6860)	22200 (6510)	21000 (6150)				
	-10 (-23.3)	23600 (6920)	22500 (6590)	21300 (6240)	20300 (5950)	19200 (5630)	18100 (5300)				
	-15 (-26.1)	20500 (6010)	19400 (5690)	18500 (5420)	17500 (5130)	16500 (4840)	15500 (4540)				
	-20 (-28.9)	17700 (5190)	16800 (4920)	16000 (4690)	15000 (4400)	14200 (4160)	13300 (3900)				
	-25 (-31.7)	15200 (4450)	14400 (4220)	13700 (4020)	12800 (3750)	12100 (3550)	11300 (3310)				
	-30 (-34.4)	13000 (3810)	12300 (3600)	11600 (3400)	10800 (3170)	10100 (2960)	9440 (2770)				
	-35 (-37.2)	10900 (3190)	10300 (3020)	9630 (2820)	8970 (2630)	8330 (2440)	7700 (2260)				
	-40 (-40.0)	9060 (2660)	8430 (2470)	7810 (2290)	7190 (2110)	6590 (1930)	6020 (1760)				
KESA040L8 Compressor Model 2DL3F20KE	-5 (-20.6)	32700 (9580)	31300 (9170)	29900 (8760)	28500 (8350)	27000 (7910)	25500 (7470)				
	-10 (-23.3)	28700 (8410)	27400 (8030)	26100 (7650)	24900 (7300)	23500 (6890)	22200 (6510)				
	-15 (-26.1)	25000 (7330)	23800 (6980)	22700 (6650)	21500 (6300)	20300 (5950)	19100 (5600)				
	-20 (-28.9)	21500 (6300)	20500 (6010)	19400 (5690)	18400 (5390)	17300 (5070)	16300 (4780)				
	-25 (-31.7)	18400 (5390)	17400 (5100)	16500 (4840)	15500 (4540)	14700 (4310)	13800 (4040)				
	-30 (-34.4)	15500 (4540)	14700 (4310)	13900 (4070)	13000 (3810)	12300 (3600)	11400 (3340)				
	-35 (-37.2)	13000 (3810)	12300 (3600)	11600 (3400)	10800 (3170)	10100 (2960)	9470 (2780)				
	-40 (-40.0)	10800 (3170)	10100 (2960)	9490 (2780)	8900 (2610)	8340 (2440)	7800 (2290)				
KESA060L8 Compressor Model 2DB3F25KE	-5 (-20.6)	40500 (11870)	39000 (11430)	37400 (10960)	35700 (10460)	34000 (9960)	32300 (9470)				
	-10 (-23.3)	35600 (10430)	34100 (9990)	32800 (9610)	31200 (9140)	29700 (8700)	28100 (8240)				
	-15 (-26.1)	31300 (9170)	29900 (8760)	28600 (8380)	27200 (7970)	25700 (7530)	24400 (7150)				
	-20 (-28.9)	27200 (7970)	26000 (7620)	24800 (7270)	23500 (6890)	22300 (6540)	21000 (6150)				
	-25 (-31.7)	23500 (6890)	22400 (6560)	21200 (6210)	20100 (5890)	19000 (5570)	17900 (5250)				
	-30 (-34.4)	20100 (5890)	19000 (5570)	18000 (5280)	16900 (4950)	15900 (4660)	14900 (4370)				
	-35 (-37.2)	16800 (4920)	15800 (4630)	14800 (4340)	13900 (4070)	12900 (3780)	12100 (3550)				
	-40 (-40.0)	13400 (3930)	12600 (3690)	11700 (3430)	10800 (3170)	10000 (2930)	9230 (2710)				
KESA061L8 Compressor Model 3DA3F28KE	-5 (-20.6)	46100 (13510)	44200 (12950)	42200 (12370)	40200 (11780)	38100 (11170)	36000 (10550)				
	-10 (-23.3)	40500 (11870)	38700 (11340)	36900 (10810)	35000 (10260)	33100 (9700)	31200 (9140)				
	-15 (-26.1)	35400 (10370)	33700 (9880)	32000 (9380)	30300 (8880)	28600 (8380)	26800 (7850)				
	-20 (-28.9)	30700 (9000)	29200 (8560)	27600 (8090)	26000 (7620)	24500 (7180)	22800 (6680)				
	-25 (-31.7)	26500 (7770)	25100 (7360)	23700 (6950)	22300 (6540)	20700 (6070)	19200 (5630)				
	-30 (-34.4)	22800 (6680)	21500 (6300)	20200 (5920)	18800 (5510)	17400 (5100)	16000 (4690)				
	-35 (-37.2)	19500 (5710)	18300 (5360)	17000 (4980)	15800 (4630)	14400 (4220)	13100 (3840)				
	-40 (-40.0)	16700 (4890)	15500 (4540)	14300 (4190)	13000 (3810)	11800 (3460)	10500 (3080)				
KESA075L8 Compressor Model 3DB3F33KE	-5 (-20.6)	53900 (15800)	51700 (15150)	49400 (14480)	47100 (13800)	44900 (13160)	42800 (12540)				
	-10 (-23.3)	47800 (14010)	45700 (13390)	43500 (12750)	41400 (12130)	39300 (11520)	37200 (10900)				
	-15 (-26.1)	42200 (12370)	40200 (11780)	38100 (11170)	36100 (10580)	34100 (9990)	32100 (9410)				
	-20 (-28.9)	37100 (10870)	35200 (10320)	33300 (9760)	31300 (9170)	29400 (8620)	27500 (8060)				
	-25 (-31.7)	32400 (9500)	30600 (8970)	28800 (8440)	26900 (7880)	25100 (7360)	23200 (6800)				
	-30 (-34.4)	28000 (8210)	26400 (7740)	24600 (7210)	22800 (6680)	21000 (6150)	19200 (5630)				
	-35 (-37.2)	23900 (7000)	22300 (6540)	20600 (6040)	18900 (5540)	17200 (5040)	15400 (4510)				
	-40 (-40.0)	20000 (5860)	18400 (5390)	16800 (4920)	15100 (4430)	13400 (3930)	11800 (3460)				
KESA090L8 Compressor Model 3DF3F40KE	-5 (-20.6)	68400 (20050)	65500 (19200)	62600 (18350)	59600 (17470)	56600 (16590)	53600 (15710)				
	-10 (-23.3)	60100 (17610)	57400 (16820)	54700 (16030)	52000 (15240)	49200 (14420)	46400 (13600)				
	-15 (-26.1)	52500 (15390)	50100 (14680)	47600 (13950)	45000 (13190)	42500 (12460)	39900 (11690)				
	-20 (-28.9)	45700 (13390)	43500 (12750)	41200 (12070)	38700 (11340)	36300 (10640)	33900 (9940)				
	-25 (-31.7)	39500 (11580)	37400 (10960)	35200 (10320)	33000 (9670)	30800 (9030)	28500 (8350)				
	-30 (-34.4)	33900 (9940)	31900 (9350)	29800 (8730)	27700 (8120)	25500 (7470)	23300 (6830)				
	-35 (-37.2)	28800 (8440)	26800 (7850)	24800 (7270)	22800 (6680)	20700 (6070)	18600 (5450)				
	-40 (-40.0)	23900 (7000)	22200 (6510)	20200 (5920)	18200 (5330)	16200 (4750)	14100 (4130)				

NOTES:

- Above ratings are based on mean temperature.
- To convert to dew point ratings, use 0.95 multiplier.
- Shaded Area Restriction: 20°F Max Superheat
- For R449A, use R448A data.

table continues on next page >>>

CAPACITY DATA - **R448A** LOW TEMPERATURE (cont'd)

60Hz

MODEL KES	SATURATED SUCTION TEMPERATURE		CAPACITY BTU/H (WATTS) R448A AMBIENT TEMPERATURE °F (°C)									
	° F	° C	85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)				
KESA100L8 Compressor Model 3DSF46KE	-5	(-20.6)	73900 (21660)	70800 (20750)	67500 (19780)	64300 (18840)	61000 (17880)	57600 (16880)				
	-10	(-23.3)	65000 (19050)	62100 (18200)	59100 (17320)	56200 (16470)	53100 (15560)	50000 (14650)				
	-15	(-26.1)	56900 (16680)	54200 (15880)	51500 (15090)	48700 (14270)	45900 (13450)	43100 (12630)				
	-20	(-28.9)	49500 (14510)	47000 (13770)	44500 (13040)	41900 (12280)	39300 (11520)	36500 (10700)				
	-25	(-31.7)	42800 (12540)	40400 (11840)	38100 (11170)	35600 (10430)	33200 (9730)	30700 (9000)				
	-30	(-34.4)	36600 (10730)	34400 (10080)	32200 (9440)	29900 (8760)	27500 (8060)	25100 (7360)				
	-35	(-37.2)	31100 (9110)	29000 (8500)	26800 (7850)	24600 (7210)	22300 (6540)	20000 (5860)				
	-40	(-40.0)	25900 (7590)	23900 (7000)	21700 (6360)	19600 (5740)	17300 (5070)	15100 (4430)				
KESA130L8 Compressor Model 4DBNF54KE	-5	(-20.6)	89500 (26230)	85800 (25150)	81900 (24000)	78000 (22860)	73900 (21660)	69700 (20430)				
	-10	(-23.3)	79000 (23150)	75500 (22130)	72000 (21100)	68500 (20080)	64700 (18960)	60800 (17820)				
	-15	(-26.1)	69000 (20220)	65900 (19310)	62700 (18380)	59300 (17380)	56000 (16410)	52400 (15360)				
	-20	(-28.9)	59600 (17470)	56900 (16680)	54000 (15830)	50900 (14920)	47700 (13980)	44400 (13010)				
	-25	(-31.7)	51100 (14980)	48500 (14210)	45900 (13450)	43100 (12630)	40100 (11750)	37000 (10840)				
	-30	(-34.4)	43400 (12720)	41000 (12020)	38400 (11250)	35800 (10490)	33100 (9700)	30100 (8820)				
	-35	(-37.2)	36400 (10670)	34200 (10020)	31900 (9350)	29400 (8620)	26800 (7850)	24000 (7030)				
	-40	(-40.0)	30500 (8940)	28400 (8320)	26100 (7650)	23700 (6950)	21200 (6210)	18600 (5450)				
KESA150L8 Compressor Model 4DHNF63KE	-5	(-20.6)	100700 (29510)	96500 (28280)	92200 (27020)	88000 (25790)	83700 (24530)	79500 (23300)				
	-10	(-23.3)	89800 (26320)	85900 (25170)	82100 (24060)	78100 (22890)	74200 (21750)	70400 (20630)				
	-15	(-26.1)	79500 (23300)	76000 (22270)	72500 (21250)	68900 (20190)	65300 (19140)	61700 (18080)				
	-20	(-28.9)	69900 (20490)	66700 (19550)	63400 (18580)	60100 (17610)	56700 (16620)	53300 (15620)				
	-25	(-31.7)	60800 (17820)	57900 (16970)	54800 (16060)	51700 (15150)	48500 (14210)	45400 (13310)				
	-30	(-34.4)	52300 (15330)	49500 (14510)	46600 (13660)	43600 (12780)	40600 (11900)	37600 (11020)				
	-35	(-37.2)	44200 (12950)	41500 (12160)	38600 (11310)	35800 (10490)	32900 (9640)	29900 (8760)				
	-40	(-40.0)	36400 (10670)	33800 (9910)	31100 (9110)	28200 (8260)	25300 (7410)	22400 (6560)				
KESA220L8 Compressor Model 4DJNF76KE	-5	(-20.6)	122700 (35960)	117500 (34440)	112200 (32880)	106900 (31330)	101500 (29750)	96200 (28190)				
	-10	(-23.3)	108700 (31860)	103800 (30420)	98900 (28980)	93900 (27520)	88800 (26020)	83800 (24560)				
	-15	(-26.1)	95900 (28110)	91400 (26790)	86700 (25410)	82100 (24060)	77400 (22680)	72700 (21310)				
	-20	(-28.9)	84100 (24650)	79900 (23420)	75600 (22160)	71300 (20900)	66800 (19580)	62400 (18290)				
	-25	(-31.7)	73200 (21450)	69300 (20310)	65200 (19110)	61100 (17910)	56900 (16680)	52700 (15440)				
	-30	(-34.4)	62900 (18430)	59200 (17350)	55400 (16240)	51600 (15120)	47600 (13950)	43600 (12780)				
	-35	(-37.2)	53000 (15530)	49500 (14510)	45900 (13450)	42200 (12370)	38400 (11250)	34500 (10110)				
	-40	(-40.0)	43200 (12660)	39900 (11690)	36400 (10670)	32900 (9640)	29300 (8590)	25600 (7500)				

NOTES:

- Above ratings are based on mean temperature.
- To convert to dew point ratings, use 0.95 multiplier.
- Shaded Area Restriction: 20°F Max Superheat
- For R449A, use R448A data.

CAPACITY DATA - **R407C**

HIGH / MEDIUM TEMPERATURE

60Hz

MODEL	SATURATED SUCTION TEMPERATURE		CAPACITY BTU/H (WATTS) R407C AMBIENT TEMPERATURE °F (°C)									
	KES	° F ° C	85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)				
KESA050H8 Compressor Model 2DC3R53KE	45 (7.2)	71900 (21070)	69400 (20340)	67000 (19640)	64700 (18960)	62400 (18290)	60200 (17640)					
	40 (4.4)	64700 (18960)	62400 (18290)	60200 (17640)	58000 (17000)	55900 (16380)	53800 (15770)					
	35 (1.7)	58100 (17030)	55900 (16380)	53800 (15770)	51800 (15180)	49800 (14590)	47800 (14010)					
	30 (-1.1)	51900 (15210)	49900 (14620)	47900 (14040)	46000 (13480)	44200 (12950)	42400 (12430)					
	25 (-3.9)	46200 (13540)	44300 (12980)	42500 (12460)	40700 (11930)	39100 (11460)	37400 (10960)					
	20 (-6.7)	41000 (12020)	39300 (11520)	37600 (11020)	36000 (10550)	34400 (10080)	33000 (9670)					
	15 (-9.4)	36200 (10610)	34700 (10170)	33200 (9730)	31700 (9290)	30200 (8850)	29000 (8500)					
	10 (-12.2)	31900 (9350)	30600 (8970)	29200 (8560)	27800 (8150)	26600 (7800)	25400 (7440)					
KESA051H8 Compressor Model 2DD3R63KE	45 (7.2)	81300 (23830)	78500 (23010)	75900 (22240)	73300 (21480)	70900 (20780)	68500 (20080)					
	40 (4.4)	73300 (21480)	70800 (20750)	68400 (20050)	65900 (19310)	63600 (18640)	61300 (17970)					
	35 (1.7)	65900 (19310)	63500 (18610)	61200 (17940)	59000 (17290)	56800 (16650)	54700 (16030)					
	30 (-1.1)	59000 (17290)	56800 (16650)	54700 (16030)	52600 (15420)	50600 (14830)	48700 (14270)					
	25 (-3.9)	52700 (15440)	50700 (14860)	48700 (14270)	46800 (13720)	44900 (13160)	43200 (12660)					
	20 (-6.7)	46800 (13720)	45000 (13190)	43300 (12690)	41500 (12160)	39800 (11660)	38200 (11200)					
	15 (-9.4)	41600 (12190)	39900 (11690)	38200 (11200)	36600 (10730)	35200 (10320)	33700 (9880)					
	10 (-12.2)	36800 (10780)	35300 (10350)	33800 (9910)	32400 (9500)	31100 (9110)	29800 (8730)					
KESA075H8 Compressor Model 2DL3R78KE	45 (7.2)	97500 (28570)	94500 (27700)	91500 (26820)	88500 (25940)	85700 (25120)	-	-				
	40 (4.4)	88400 (25910)	85500 (25060)	82600 (24210)	79900 (23420)	77200 (22630)	74600 (21860)					
	35 (1.7)	79800 (23390)	77100 (22600)	74400 (21800)	71800 (21040)	69300 (20310)	66900 (19610)					
	30 (-1.1)	71800 (21040)	69300 (20310)	66800 (19580)	64400 (18870)	62100 (18200)	59900 (17550)					
	25 (-3.9)	64400 (18870)	62100 (18200)	59700 (17500)	57500 (16850)	55400 (16240)	53400 (15650)					
	20 (-6.7)	57500 (16850)	55400 (16240)	53300 (15620)	51300 (15030)	49500 (14510)	47600 (13950)					
	15 (-9.4)	51200 (15010)	49400 (14480)	47500 (13920)	45800 (13420)	44000 (12900)	42400 (12430)					
	10 (-12.2)	45600 (13360)	43900 (12870)	42300 (12400)	40700 (11930)	39300 (11520)	37800 (11080)					
KESA077H8 Compressor Model 2DA3R89KE	45 (7.2)	115000 (33700)	111300 (32620)	107600 (31530)	104100 (30510)	100600 (29480)	97200 (28490)					
	40 (4.4)	104100 (30510)	100600 (29480)	97200 (28490)	94000 (27550)	90700 (26580)	87600 (25670)					
	35 (1.7)	93900 (27520)	90700 (26580)	87600 (25670)	84500 (24760)	81500 (23890)	78500 (23010)					
	30 (-1.1)	84300 (24710)	81400 (23860)	78500 (23010)	75700 (22190)	73000 (21390)	70200 (20570)					
	25 (-3.9)	75500 (22130)	72800 (21340)	70100 (20540)	67600 (19810)	65100 (19080)	62600 (18350)					
	20 (-6.7)	67400 (19750)	64900 (19020)	62500 (18320)	60200 (17640)	57900 (16970)	55500 (16270)					
	15 (-9.4)	60000 (17580)	57600 (16880)	55500 (16270)	53300 (15620)	51200 (15010)	49100 (14390)					
	10 (-12.2)	53100 (15560)	51100 (14980)	49100 (14390)	47100 (13800)	45200 (13250)	43300 (12690)					
KESA080H8 Compressor Model 3DA3R10ME	45 (7.2)	130400 (38220)	125700 (36840)	121200 (35520)	116700 (34200)	112200 (32880)	107800 (31590)					
	40 (4.4)	119500 (35020)	115300 (33790)	111100 (32560)	107000 (31360)	103000 (30190)	98900 (28980)					
	35 (1.7)	109100 (31970)	105200 (30830)	101500 (29750)	97800 (28660)	94100 (27580)	90300 (26460)					
	30 (-1.1)	99100 (29040)	95700 (28050)	92300 (27050)	88900 (26050)	85500 (25060)	82000 (24030)					
	25 (-3.9)	89700 (26290)	86600 (25380)	83600 (24500)	80400 (23560)	77300 (22650)	73900 (21660)					
	20 (-6.7)	80700 (23650)	78000 (22860)	75200 (22040)	72300 (21190)	69300 (20310)	66200 (19400)					
	15 (-9.4)	72500 (21250)	69900 (20490)	67400 (19750)	64700 (18960)	61700 (18080)	58700 (17200)					
	10 (-12.2)	64700 (18960)	62500 (18320)	60000 (17580)	57300 (16790)	54600 (16000)	51600 (15120)					
KESA100H8 Compressor Model 3DB3R12ME	45 (7.2)	148700 (43580)	143400 (42030)	138300 (40530)	133100 (39010)	127900 (37480)	-	-				
	40 (4.4)	136900 (40120)	132200 (38740)	127500 (37370)	122700 (35960)	117900 (34550)	113000 (33120)					
	35 (1.7)	125600 (36810)	121300 (35550)	117000 (34290)	112700 (33030)	108200 (31710)	103500 (30330)					
	30 (-1.1)	114700 (33620)	110800 (32470)	106900 (31330)	102800 (30130)	98700 (28930)	94400 (27670)					
	25 (-3.9)	104200 (30540)	100700 (29510)	97100 (28460)	93500 (27400)	89600 (26260)	85500 (25060)					
	20 (-6.7)	94300 (27640)	91100 (26700)	87800 (25730)	84300 (24710)	80600 (23620)	76800 (22510)					
	15 (-9.4)	84900 (24880)	82100 (24060)	79000 (23150)	75700 (22190)	72100 (21130)	68400 (20050)					
	10 (-12.2)	76200 (22330)	73500 (21540)	70700 (20720)	67400 (19750)	64100 (18790)	60300 (17670)					
KESA120H8 Compressor Model 3DF3R15ME	45 (7.2)	183300 (53720)	176600 (51760)	170000 (49820)	163600 (47950)	157100 (46040)	150800 (44190)					
	40 (4.4)	168000 (49240)	162000 (47480)	156100 (45750)	150300 (44050)	144400 (42320)	138500 (40590)					
	35 (1.7)	153300 (44930)	147900 (43350)	142700 (41820)	137300 (40240)	132000 (38690)	126600 (37100)					
	30 (-1.1)	139200 (40800)	134500 (39420)	129800 (38040)	125000 (36630)	120000 (35170)	115000 (33700)					
	25 (-3.9)	125900 (36900)	121700 (35670)	117400 (34410)	113000 (33120)	108500 (31800)	103700 (30390)					
	20 (-6.7)	113300 (33200)	109500 (32090)	105700 (30980)	101600 (29780)	97400 (28550)	93000 (27260)					
	15 (-9.4)	101500 (29750)	98200 (28780)	94700 (27750)	90900 (26640)	86900 (25470)	82700 (24240)					
	10 (-12.2)	90600 (26550)	87600 (25670)	84300 (24710)	80900 (23710)	77100 (22600)	72900 (21360)					
KESA150H8 Compressor Model 3DS3R17ME	45 (7.2)	202100 (59230)	195000 (57150)	187800 (55040)	181000 (53050)	174200 (51050)	167400 (49060)					
	40 (4.4)	185700 (54420)	179200 (52520)	172900 (50670)	166600 (48830)	160500 (47040)	154400 (45250)					
	35 (1.7)	169900 (49790)	164100 (48090)	158400 (46420)	152900 (44810)	147300 (43170)	141600 (41500)					
	30 (-1.1)	154800 (45370)	149600 (43840)	144600 (42380)	139500 (40880)	134500 (39420)	129300 (37890)					
	25 (-3.9)	140400 (41150)	135900 (39830)	131400 (38510)	126700 (37130)	122100 (35780)	117300 (34380)					
	20 (-6.7)	126800 (37160)	122900 (36020)	118800 (34820)	114600 (33590)	110300 (32330)	105700 (30980)					
	15 (-9.4)	114100 (33440)	110500 (32380)	106800 (31300)	102900 (30160)	98800 (28960)	94500 (27700)					
	10 (-12.2)	102200 (29950)	98900 (28980)	95400 (27960)	91800 (26900)	87800 (25730)	83600 (24500)					

NOTES:

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

CAPACITY DATA - R404A R507

HIGH / MEDIUM TEMPERATURE

60Hz

MODEL KES	SATURATED SUCTION TEMPERATURE ° F ° C	CAPACITY BTU/H (WATTS) R404A R507 AMBIENT TEMPERATURE °F (°C)									
		85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)				
KESA050H8 Compressor Model 2DC3R53KE	40 (4.4)	66260 (19401)	63070 (18467)	59920 (17545)	56790 (16628)	53690 (15720)	50630 (14824)				
	35 (1.7)	60610 (17747)	57700 (16895)	54810 (16048)	51940 (15208)	49110 (14379)	46300 (13557)				
	30 (-1.1)	55200 (16163)	52540 (15384)	49910 (14614)	47300 (13849)	44720 (13094)	42170 (12347)				
	25 (-3.9)	50040 (14652)	47630 (13946)	45240 (13246)	42880 (12555)	40540 (11870)	38220 (11191)				
	20 (-6.7)	45150 (13220)	42970 (12582)	40820 (11952)	38690 (11328)	36570 (10708)	34480 (10096)				
	15 (-9.4)	40530 (11867)	38580 (11296)	36640 (10728)	34730 (10169)	32840 (9616)	30960 (9065)				
	10 (-12.2)	36210 (10602)	34470 (10093)	32740 (9586)	31030 (9086)	29330 (8588)	27660 (8099)				
	5 (-15.0)	32190 (9425)	30650 (8974)	29110 (8523)	27590 (8078)	26080 (7636)	24590 (7200)				
	0 (-17.8)	28500 (8345)	27130 (7944)	25770 (7545)	24420 (7150)	23080 (6758)	21750 (6368)				
	-5 (-20.6)	25130 (7358)	23920 (7004)	22730 (6655)	21530 (6304)	20350 (5958)	19170 (5613)				
KESA051H8 Compressor Model 2DD3R63KE	40 (4.4)	76190 (22308)	72660 (21275)	69110 (20235)	65540 (19190)	61960 (18142)	58370 (17091)				
	35 (1.7)	70010 (20499)	66770 (19550)	63520 (18599)	60250 (17641)	56970 (16681)	53680 (15718)				
	30 (-1.1)	64030 (18748)	61070 (17881)	58100 (17012)	55130 (16142)	52130 (15264)	49130 (14385)				
	25 (-3.9)	58270 (17061)	55580 (16274)	52880 (15483)	50190 (14696)	47480 (13902)	44760 (13106)				
	20 (-6.7)	52770 (15451)	50330 (14737)	47900 (14025)	45460 (13311)	43020 (12596)	40570 (11879)				
	15 (-9.4)	47540 (13920)	45350 (13278)	43160 (12637)	40970 (11996)	38780 (11355)	36590 (10714)				
	10 (-12.2)	42630 (12482)	40660 (11905)	38700 (11331)	36750 (10760)	34800 (10189)	32850 (9618)				
	5 (-15.0)	38050 (11141)	36290 (10626)	34540 (10113)	32810 (9607)	31080 (9100)	29360 (8597)				
	0 (-17.8)	33840 (9908)	32270 (9449)	30720 (8995)	29190 (8547)	27670 (8102)	26160 (7660)				
	-5 (-20.6)	30020 (8790)	28630 (8383)	27250 (7979)	25900 (7584)	24570 (7194)	23260 (6811)				
KESA075H8 Compressor Model 2DL3R78KE	40 (4.4)	88330 (25863)	84230 (24663)	80140 (23465)	76060 (22270)	71980 (21076)	67910 (19884)				
	35 (1.7)	81450 (23849)	77700 (22751)	73950 (21653)	70220 (20560)	66480 (19465)	62750 (18373)				
	30 (-1.1)	74800 (21901)	71370 (20897)	67970 (19902)	64550 (18900)	61150 (17905)	57750 (16909)				
	25 (-3.9)	68400 (20028)	65290 (19117)	62190 (18209)	59100 (17304)	56010 (16400)	52920 (15495)				
	20 (-6.7)	62270 (18233)	59460 (17410)	56660 (16590)	53860 (15770)	51070 (14953)	48280 (14136)				
	15 (-9.4)	56450 (16529)	53910 (15785)	51390 (15047)	48870 (14309)	46370 (13577)	43860 (12842)				
	10 (-12.2)	50940 (14915)	48670 (14251)	46400 (13586)	44150 (12927)	41900 (12268)	39650 (11610)				
	5 (-15.0)	45790 (13407)	43750 (12810)	41720 (12216)	39710 (11627)	37690 (11036)	35680 (10447)				
	0 (-17.8)	41000 (12005)	39180 (11472)	37370 (10942)	35560 (10412)	33760 (9885)	31970 (9361)				
	-5 (-20.6)	36610 (10719)	34970 (10239)	33350 (9765)	31730 (9291)	30120 (8819)	28510 (8348)				
KESA077H8 Compressor Model 2DA3R89KE	40 (4.4)	106500 (31210)	101600 (29780)	96600 (28310)	91700 (26870)	86700 (25410)	81800 (23970)				
	35 (1.7)	97900 (28690)	93300 (27340)	88700 (26000)	84200 (24680)	79700 (23360)	75200 (22040)				
	30 (-1.1)	89700 (26290)	85500 (25060)	81200 (23800)	77000 (22570)	72900 (21360)	68700 (20130)				
	25 (-3.9)	81700 (23940)	77800 (22800)	74100 (21720)	70200 (20570)	66400 (19460)	62600 (18350)				
	20 (-6.7)	74300 (21780)	70700 (20720)	67200 (19690)	63600 (18640)	60200 (17640)	56800 (16650)				
	15 (-9.4)	67100 (19660)	63900 (18730)	60700 (17790)	57500 (16850)	54400 (15940)	51200 (15010)				
	10 (-12.2)	60300 (17670)	57400 (16820)	54600 (16000)	51700 (15150)	48900 (14330)	46000 (13480)				
	5 (-15.0)	54000 (15830)	51300 (15030)	48800 (14300)	46200 (13540)	43700 (12810)	41100 (12050)				
	0 (-17.8)	48000 (14070)	45700 (13390)	43400 (12720)	41000 (12020)	38800 (11370)	36400 (10670)				
	-5 (-20.6)	42400 (12430)	40400 (11840)	38300 (11220)	36200 (10610)	34200 (10020)	32100 (9410)				
KESA080H8 Compressor Model 3DA3R10ME	40 (4.4)	121100 (35492)	115500 (33851)	110100 (32268)	104800 (30715)	99600 (29191)	94400 (27667)				
	35 (1.7)	111600 (32708)	106500 (31213)	101600 (29777)	96800 (28370)	92000 (26964)	87300 (25586)				
	30 (-1.1)	102500 (30041)	97900 (28693)	93400 (27374)	89000 (26084)	84800 (24853)	80500 (23593)				
	25 (-3.9)	93700 (27462)	89600 (26260)	85500 (25059)	81600 (23916)	77800 (22802)	73900 (21659)				
	20 (-6.7)	85300 (25000)	81600 (23916)	78100 (22890)	74600 (21864)	71100 (20838)	67700 (19842)				
	15 (-9.4)	77400 (22685)	74100 (21717)	70900 (20780)	67800 (19871)	64800 (18992)	61700 (18083)				
	10 (-12.2)	69900 (20487)	67000 (19637)	64200 (18816)	61500 (18025)	58700 (17204)	56000 (16413)				
	5 (-15.0)	62900 (18435)	60300 (17673)	57900 (16970)	55400 (16237)	53100 (15563)	50600 (14830)				
	0 (-17.8)	56400 (16530)	54100 (15856)	51900 (15211)	49800 (14596)	47700 (13980)	45500 (13335)				
	-5 (-20.6)	50300 (14742)	48300 (14156)	46400 (13599)	44600 (13072)	42700 (12515)	40700 (11928)				

table continues on next page >>>

CAPACITY DATA - **R404A** **R507**

HIGH / MEDIUM TEMPERATURE (cont'd)

60Hz

MODEL KES	SATURATED SUCTION TEMPERATURE ° F ° C		CAPACITY BTU/H (WATTS) R404A R507 AMBIENT TEMPERATURE °F (°C)									
			85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)				
KESA100H8 Compressor Model 3DB3R12ME	40	(4.4)	137300 (40240)	131100 (38423)	124900 (36606)	118700 (34789)	112500 (32972)	106300 (31155)				
	35	(1.7)	127000 (37222)	121300 (35551)	115700 (33910)	110000 (32239)	104300 (30569)	98600 (28898)				
	30	(-1.1)	117100 (34320)	111900 (32796)	106800 (31301)	101600 (29777)	96500 (28283)	91300 (26758)				
	25	(-3.9)	107600 (31536)	102900 (30158)	98300 (28810)	93600 (27433)	88900 (26055)	84200 (24678)				
	20	(-6.7)	98600 (28898)	94300 (27638)	90100 (26407)	85900 (25176)	81700 (23945)	77400 (22685)				
	15	(-9.4)	89900 (26348)	86100 (25234)	82400 (24150)	78600 (23036)	74800 (21923)	70900 (20780)				
	10	(-12.2)	81800 (23974)	78400 (22978)	75000 (21981)	71600 (20985)	68100 (19959)	64700 (18962)				
	5	(-15.0)	74000 (21688)	71000 (20809)	67900 (19900)	64900 (19021)	61800 (18113)	58700 (17204)				
	0	(-17.8)	66700 (19549)	64000 (18757)	61300 (17966)	58500 (17145)	55800 (16354)	53000 (15533)				
	-5	(-20.6)	59800 (17526)	57400 (16823)	54900 (16090)	52400 (15358)	49900 (14625)	47400 (13892)				
KESA120H8 Compressor Model 3DF3R15ME	40	(4.4)	177000 (51861)	168900 (49488)	160800 (47114)	152800 (44770)	144900 (42456)	136900 (40112)				
	35	(1.7)	163200 (47818)	155900 (45679)	148500 (43511)	141200 (41372)	133900 (39233)	126700 (37123)				
	30	(-1.1)	150100 (43979)	143400 (42016)	136700 (40053)	130100 (38119)	123500 (36186)	116900 (34252)				
	25	(-3.9)	137500 (40288)	131400 (38500)	125400 (36742)	119400 (34984)	113400 (33226)	107500 (31498)				
	20	(-6.7)	125500 (36772)	120100 (35189)	114600 (33578)	109300 (32025)	103900 (30443)	98600 (28890)				
	15	(-9.4)	114200 (33461)	109300 (32025)	104500 (30619)	99600 (29183)	94800 (27776)	90000 (26370)				
	10	(-12.2)	103500 (30326)	99200 (29066)	94800 (27776)	90500 (26517)	86200 (25257)	82000 (24026)				
	5	(-15.0)	93500 (27396)	89600 (26253)	85800 (25139)	81900 (23997)	78100 (22883)	74300 (21770)				
	0	(-17.8)	84200 (24671)	80700 (23645)	77200 (22620)	73800 (21623)	70400 (20627)	67000 (19631)				
	-5	(-20.6)	75500 (22122)	72400 (21213)	69300 (20305)	66200 (19397)	63100 (18488)	60100 (17609)				
KESA150H8 Compressor Model 3DS3R17ME	40	(4.4)	191000 (55963)	182200 (53385)	173500 (50836)	164800 (48286)	156100 (45737)	147500 (43218)				
	35	(1.7)	176600 (51744)	168500 (49371)	160500 (47027)	152600 (44712)	144600 (42368)	136800 (40082)				
	30	(-1.1)	162600 (47642)	155300 (45503)	148000 (43364)	140800 (41254)	133600 (39145)	126400 (37035)				
	25	(-3.9)	149300 (43745)	142600 (41782)	136100 (39877)	129500 (37944)	123000 (36039)	116500 (34135)				
	20	(-6.7)	136500 (39995)	130600 (38266)	124600 (36508)	118700 (34779)	112900 (33080)	107000 (31351)				
	15	(-9.4)	124400 (36449)	119100 (34896)	113800 (33343)	108500 (31791)	103200 (30238)	98000 (28714)				
	10	(-12.2)	113000 (33109)	108200 (31703)	103400 (30296)	98700 (28919)	94000 (27542)	89300 (26165)				
	5	(-15.0)	102200 (29945)	97900 (28685)	93700 (27454)	89400 (26194)	85300 (24993)	81100 (23762)				
	0	(-17.8)	92100 (26985)	88300 (25872)	84500 (24759)	80700 (23645)	77000 (22561)	73200 (21448)				
	-5	(-20.6)	82700 (24231)	79200 (23206)	75800 (22209)	72500 (21243)	69100 (20246)	65700 (19250)				

CAPACITY DATA - R404A R507 MEDIUM TEMPERATURE

60Hz

MODEL KES	SATURATED SUCTION TEMPERATURE		CAPACITY BTU/H (WATTS) R404A R507						AMBIENT TEMPERATURE °F (°C)	
			85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)		
KESA010M8 Compressor Model KARB-010E	25 (-3.9)		10300 (3019)	9860 (2890)	9360 (2743)	8870 (2600)	8370 (2453)	7870 (2307)		
	20 (-6.7)		9530 (2793)	9070 (2658)	8620 (2526)	8160 (2392)	7690 (2254)	7230 (2119)		
	15 (-9.4)		8680 (2544)	8260 (2421)	7840 (2298)	7420 (2175)	6990 (2049)	6560 (1923)		
	10 (-12.2)		7840 (2298)	7450 (2183)	7070 (2072)	6670 (1955)	6280 (1841)	5880 (1723)		
	5 (-15)		7010 (2055)	6650 (1949)	6300 (1846)	5950 (1744)	5590 (1638)	5230 (1533)		
	0 (-17.8)		6240 (1829)	5920 (1735)	5600 (1641)	5280 (1547)	4960 (1454)	4650 (1363)		
	-5 (-20.6)		5550 (1627)	5260 (1542)	4990 (1462)	4700 (1377)	4420 (1295)	4130 (1210)		
KESA020M8 Compressor Model KAKA-020E	25 (-3.9)		17100 (5012)	16300 (4777)	15400 (4513)	14600 (4279)	13700 (4015)	12800 (3751)		
	20 (-6.7)		15700 (4601)	14900 (4367)	14100 (4132)	13300 (3898)	12500 (3664)	11800 (3458)		
	15 (-9.4)		14200 (4162)	13500 (3957)	12800 (3751)	12100 (3546)	11400 (3341)	10700 (3136)		
	10 (-12.2)		12700 (3722)	12100 (3546)	11400 (3341)	10800 (3165)	10200 (2989)	9570 (2805)		
	5 (-15)		11300 (3312)	10700 (3136)	10200 (2989)	9620 (2819)	9060 (2655)	8510 (2494)		
	0 (-17.8)		10100 (2960)	9560 (2802)	9050 (2652)	8550 (2506)	8040 (2356)	7550 (2213)		
	-5 (-20.6)		9040 (2649)	8580 (2515)	8120 (2380)	7650 (2242)	7200 (2110)	6750 (1978)		
KESA021M8 Compressor Model ERCA-021E	25 (-3.9)		21600 (6331)	20500 (6008)	19400 (5686)	18300 (5363)	17100 (5012)	16100 (4719)		
	20 (-6.7)		19600 (5744)	18500 (5422)	17500 (5129)	16500 (4836)	15500 (4543)	14500 (4250)		
	15 (-9.4)		17700 (5188)	16700 (4894)	15800 (4631)	14900 (4367)	14000 (4103)	13000 (3810)		
	10 (-12.2)		16000 (4689)	15100 (4426)	14200 (4162)	13400 (3927)	12500 (3664)	11700 (3429)		
	5 (-15)		14300 (4191)	13500 (3957)	12700 (3722)	12000 (3517)	11200 (3283)	10500 (3077)		
	0 (-17.8)		12700 (3722)	12000 (3517)	11300 (3312)	10600 (3107)	9910 (2904)	9230 (2705)		
	-5 (-20.6)		11100 (3253)	10500 (3077)	9860 (2890)	9230 (2705)	8610 (2523)	7990 (2342)		
KESA030M8 Compressor Model ERFA-031E	25 (-3.9)		31330 (9173)	29860 (8743)	28360 (8304)	26840 (7859)	25320 (7414)	23780 (6963)		
	20 (-6.7)		28410 (8318)	27070 (7926)	25700 (7525)	24320 (7121)	22930 (6714)	21530 (6304)		
	15 (-9.4)		25680 (7519)	24450 (7159)	23210 (6796)	21950 (6427)	20690 (6058)	19420 (5686)		
	10 (-12.2)		23130 (6772)	22010 (6445)	20880 (6114)	19730 (5777)	18580 (5440)	17430 (5104)		
	5 (-15.0)		20750 (6076)	19730 (5777)	18700 (5475)	17650 (5168)	16600 (4860)	15550 (4553)		
	0 (-17.8)		18520 (5423)	17590 (5150)	16640 (4872)	15680 (4591)	14720 (4310)	13770 (4032)		
	-5 (-20.6)		16440 (4814)	15570 (4559)	14700 (4304)	13810 (4044)	12930 (3786)	12050 (3528)		

CAPACITY DATA - R404A R507

LOW TEMPERATURE

60Hz

MODEL KES	SATURATED SUCTION TEMPERATURE		CAPACITY BTU/H (WATTS) R404A R507 AMBIENT TEMPERATURE °F (°C)							
			85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)		
KESA005L8 Compressor Model KANB-005E	0 (-17.8)		4200 (1231)	3920 (1149)	3660 (1073)	3390 (994)	3130 (917)	2860 (838)		
	-5 (-20.6)		3690 (1081)	3430 (1005)	3190 (935)	2960 (868)	2720 (797)	2490 (730)		
	-10 (-23.3)		3190 (935)	2970 (870)	2750 (806)	2540 (744)	2340 (686)	2120 (621)		
	-15 (-26.1)		2730 (800)	2530 (742)	2340 (686)	2150 (630)	1970 (577)	1780 (522)		
	-20 (-28.9)		2310 (677)	2130 (624)	1960 (574)	1790 (525)	1630 (478)	1460 (428)		
	-25 (-31.7)		1930 (566)	1760 (516)	1610 (472)	1460 (428)	1320 (387)	1170 (343)		
	-30 (-34.4)		1580 (463)	1430 (419)	1300 (381)	1170 (343)	1040 (305)	910 (267)		
	-35 (-37.2)		1280 (375)	1150 (337)	1030 (302)	920 (270)	790 (232)	680 (199)		
	-40 (-40.0)		1030 (302)	920 (270)	800 (234)	700 (205)	590 (173)	480 (141)		
KESA008L8 Compressor Model KAMB-007E	0 (-17.8)		6440 (1887)	6130 (1797)	5820 (1706)	5500 (1612)	5180 (1518)	4850 (1421)		
	-5 (-20.6)		5760 (1688)	5470 (1603)	5190 (1521)	4910 (1439)	4620 (1354)	4320 (1266)		
	-10 (-23.3)		5090 (1492)	4830 (1416)	4580 (1342)	4330 (1269)	4070 (1193)	3790 (1111)		
	-15 (-26.1)		4450 (1304)	4220 (1237)	4000 (1172)	3770 (1105)	3520 (1032)	3280 (961)		
	-20 (-28.9)		3850 (1128)	3650 (1070)	3440 (1008)	3230 (947)	3020 (885)	2790 (818)		
	-25 (-31.7)		3320 (973)	3130 (917)	2950 (865)	2760 (809)	2560 (750)	2350 (689)		
	-30 (-34.4)		2860 (838)	2690 (788)	2520 (739)	2350 (689)	2160 (633)	1970 (577)		
	-35 (-37.2)		2480 (727)	2330 (683)	2170 (636)	2020 (592)	1840 (539)	1660 (487)		
	-40 (-40.0)		2210 (648)	2070 (607)	1930 (566)	1770 (519)	1610 (472)	1430 (419)		
KESA010L8 Compressor Model KAJB-010E	0 (-17.8)		8130 (2383)	7680 (2251)	7250 (2125)	6810 (1996)	6360 (1864)	5910 (1732)		
	-5 (-20.6)		7280 (2134)	6880 (2016)	6480 (1899)	6080 (1782)	5680 (1665)	5260 (1542)		
	-10 (-23.3)		6490 (1902)	6130 (1797)	5760 (1688)	5400 (1583)	5030 (1474)	4660 (1366)		
	-15 (-26.1)		5750 (1685)	5420 (1589)	5090 (1492)	4750 (1392)	4420 (1295)	4090 (1199)		
	-20 (-28.9)		5060 (1483)	4760 (1395)	4460 (1307)	4150 (1216)	3850 (1128)	3550 (1040)		
	-25 (-31.7)		4410 (1292)	4140 (1213)	3870 (1134)	3610 (1058)	3340 (979)	3070 (900)		
	-30 (-34.4)		3810 (1117)	3570 (1046)	3330 (976)	3090 (906)	2850 (835)	2620 (768)		
	-35 (-37.2)		3270 (958)	3050 (894)	2830 (829)	2620 (768)	2410 (706)	2190 (642)		
	-40 (-40.0)		2760 (809)	2560 (750)	2370 (695)	2180 (639)	2000 (586)	1810 (530)		
KESA015L8 Compressor Model KALB-015E	0 (-17.8)		12600 (3693)	12000 (3517)	11300 (3312)	10700 (3136)	10000 (2931)	9370 (2746)		
	-5 (-20.6)		11300 (3312)	10700 (3136)	10100 (2960)	9510 (2787)	8920 (2614)	8330 (2441)		
	-10 (-23.3)		10000 (2931)	9500 (2784)	8960 (2626)	8430 (2471)	7890 (2312)	7350 (2154)		
	-15 (-26.1)		8880 (2603)	8380 (2456)	7900 (2315)	7410 (2172)	6920 (2028)	6440 (1887)		
	-20 (-28.9)		7790 (2283)	7350 (2154)	6910 (2025)	6470 (1896)	6030 (1767)	5580 (1635)		
	-25 (-31.7)		6790 (1990)	6390 (1873)	5980 (1753)	5590 (1638)	5190 (1521)	4790 (1404)		
	-30 (-34.4)		5850 (1715)	5490 (1609)	5130 (1504)	4770 (1398)	4410 (1292)	4050 (1187)		
	-35 (-37.2)		5000 (1465)	4670 (1369)	4340 (1272)	4020 (1178)	3690 (1081)	3360 (985)		
	-40 (-40.0)		4200 (1231)	3900 (1143)	3610 (1058)	3310 (970)	3010 (882)	2700 (791)		
KESA020L8 Compressor Model EADB-021E	0 (-17.8)		14600 (4279)	13800 (4045)	12900 (3781)	12100 (3546)	11300 (3312)	10500 (3077)		
	-5 (-20.6)		13000 (3810)	12200 (3576)	11400 (3341)	10700 (3136)	9940 (2913)	9220 (2702)		
	-10 (-23.3)		11500 (3370)	10800 (3165)	10100 (2960)	9360 (2743)	8680 (2544)	8030 (2353)		
	-15 (-26.1)		10100 (2960)	9410 (2758)	8780 (2573)	8140 (2386)	7530 (2207)	6950 (2037)		
	-20 (-28.9)		8760 (2567)	8170 (2394)	7590 (2225)	7020 (2057)	6480 (1899)	5960 (1747)		
	-25 (-31.7)		7560 (2216)	7050 (2066)	6520 (1911)	6000 (1758)	5530 (1621)	5080 (1489)		
	-30 (-34.4)		6490 (1902)	6020 (1764)	5550 (1627)	5100 (1495)	4680 (1372)	4300 (1260)		
	-35 (-37.2)		5530 (1621)	5100 (1495)	4690 (1375)	4300 (1260)	3930 (1152)	3620 (1061)		
	-40 (-40.0)		4680 (1372)	4300 (1260)	3930 (1152)	3590 (1052)	3290 (964)	3040 (891)		
KESA021L8 Compressor Model EAVB-021E	0 (-17.8)		15900 (4660)	15100 (4426)	14200 (4162)	13400 (3927)	12600 (3693)	11800 (3458)		
	-5 (-20.6)		14300 (4191)	13500 (3957)	12800 (3751)	12000 (3517)	11300 (3312)	10600 (3107)		
	-10 (-23.3)		12700 (3722)	12000 (3517)	11400 (3341)	10700 (3136)	10100 (2960)	9400 (2755)		
	-15 (-26.1)		11200 (3283)	10600 (3107)	10000 (2931)	9430 (2764)	8840 (2591)	8250 (2418)		
	-20 (-28.9)		9820 (2878)	9290 (2723)	8770 (2570)	8220 (2409)	7670 (2248)	7120 (2087)		
	-25 (-31.7)		8550 (2506)	8080 (2368)	7580 (2222)	7080 (2075)	6560 (1923)	6040 (1770)		
	-30 (-34.4)		7400 (2169)	6960 (2040)	6500 (1905)	6020 (1764)	5510 (1615)	4990 (1462)		
	-35 (-37.2)		6390 (1873)	5960 (1747)	5510 (1615)	5030 (1474)	4520 (1325)	3990 (1169)		
	-40 (-40.0)		5510 (1615)	5090 (1492)	4620 (1354)	4120 (1208)	3590 (1052)	3050 (894)		

table continues on next page >>>

CAPACITY DATA - R404A R507 LOW TEMPERATURE (cont'd)

60Hz

MODEL KES	SATURATED SUCTION TEMPERATURE ° F ° C	CAPACITY BTU/H (WATTS) R404A R507 AMBIENT TEMPERATURE ° F (° C)									
		85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)				
KESA030L8 Compressor Model LAHA-032E	0 (-17.8)	26650 (7803)	25250 (7393)	23870 (6989)	22490 (6585)	21090 (6175)	19680 (5762)				
	-5 (-20.6)	23750 (6954)	22470 (6579)	21190 (6204)	19900 (5827)	18610 (5449)	17300 (5065)				
	-10 (-23.3)	20990 (6146)	19810 (5800)	18630 (5455)	17440 (5106)	16250 (4758)	15030 (4401)				
	-15 (-26.1)	18360 (5376)	17280 (5060)	16200 (4743)	15110 (4424)	14020 (4105)	12900 (3777)				
	-20 (-28.9)	15870 (4647)	14890 (4360)	13920 (4076)	12930 (3786)	11930 (3493)	10910 (3194)				
	-25 (-31.7)	13550 (3967)	12670 (3710)	11780 (3449)	10900 (3192)	9990 (2925)	9060 (2653)				
	-30 (-34.4)	11380 (3332)	10600 (3104)	9820 (2875)	9020 (2641)	8210 (2404)	7370 (2158)				
	-35 (-37.2)	9400 (2752)	8710 (2550)	8030 (2351)	7330 (2146)	6610 (1935)	5860 (1716)				
	-40 (-40.0)	7600 (2225)	7020 (2055)	6420 (1880)	5820 (1704)	5190 (1520)	4520 (1323)				
KESA032L8 Compressor Model LACA-032E	0 (-17.8)	-	-	-	-	-	-				
	-5 (-20.6)	-	-	-	-	-	-				
	-10 (-23.3)	-	-	-	-	-	-				
	-15 (-26.1)	-	-	-	-	-	-				
	-20 (-28.9)	19310 (5654)	18220 (5335)	17140 (5019)	16070 (4705)	15030 (4401)	14010 (4102)				
	-25 (-31.7)	16820 (4925)	15810 (4629)	14810 (4336)	13820 (4046)	12840 (3760)	11870 (3476)				
	-30 (-34.4)	14470 (4237)	13570 (3973)	12670 (3710)	11770 (3446)	10880 (3186)	9990 (2925)				
	-35 (-37.2)	12210 (3575)	11440 (3350)	10660 (3121)	9890 (2896)	9110 (2667)	8330 (2439)				
	-40 (-40.0)	9990 (2925)	9380 (2746)	8770 (2568)	8140 (2383)	7500 (2196)	6850 (2006)				
KESA035L6 Compressor Model 2DF3F16KE	0 (-17.8)	33210 (9724)	31580 (9247)	29980 (8778)	28400 (8316)	26820 (7853)	25260 (7396)				
	-5 (-20.6)	29850 (8740)	28390 (8313)	26950 (7891)	25540 (7478)	24130 (7065)	22710 (6649)				
	-10 (-23.3)	26660 (7806)	25360 (7425)	24080 (7051)	22810 (6679)	21540 (6307)	20270 (5935)				
	-15 (-26.1)	23650 (6925)	22490 (6585)	21350 (6251)	20210 (5917)	19070 (5584)	17930 (5250)				
	-20 (-28.9)	20840 (6102)	19810 (5800)	18780 (5499)	17760 (5200)	16730 (4899)	15680 (4591)				
	-25 (-31.7)	18240 (5341)	17300 (5065)	16380 (4796)	15450 (4524)	14500 (4246)	13540 (3965)				
	-30 (-34.4)	15840 (4638)	14990 (4389)	14140 (4140)	13280 (3888)	12400 (3631)	11500 (3367)				
	-35 (-37.2)	13650 (3997)	12860 (3765)	12070 (3534)	11260 (3297)	10420 (3051)	9560 (2799)				
	-40 (-40.0)	11680 (3420)	10920 (3197)	10160 (2975)	9380 (2746)	8560 (2506)	7710 (2257)				
KESA040L6 Compressor Model 2DL3F20KE	0 (-17.8)	40500 (11858)	38610 (11305)	36730 (10755)	34850 (10204)	32980 (9657)	31100 (9106)				
	-5 (-20.6)	36420 (10664)	34720 (10166)	33020 (9668)	31320 (9170)	29620 (8673)	27920 (8175)				
	-10 (-23.3)	32580 (9539)	31050 (9091)	29510 (8641)	27980 (8193)	26440 (7742)	24910 (7294)				
	-15 (-26.1)	28970 (8482)	27590 (8078)	26210 (7674)	24830 (7270)	23440 (6863)	22060 (6459)				
	-20 (-28.9)	25600 (7496)	24350 (7130)	23110 (6767)	21870 (6404)	20620 (6038)	19370 (5672)				
	-25 (-31.7)	22450 (6573)	21330 (6245)	20220 (5920)	19090 (5590)	17970 (5262)	16850 (4934)				
	-30 (-34.4)	19540 (5721)	18530 (5426)	17520 (5130)	16510 (4834)	15490 (4535)	14470 (4237)				
	-35 (-37.2)	16850 (4934)	15930 (4664)	15010 (4395)	14090 (4126)	13160 (3853)	12230 (3581)				
	-40 (-40.0)	14380 (4210)	13540 (3965)	12690 (3716)	11840 (3467)	10990 (3218)	10130 (2966)				
KESA060L6 Compressor Model 2DB3F25KE	0 (-17.8)	50110 (14672)	47880 (14019)	45640 (13363)	43400 (12708)	41130 (12043)	38840 (11372)				
	-5 (-20.6)	45110 (13208)	43090 (12617)	41080 (12028)	39060 (11437)	37030 (10842)	34980 (10242)				
	-10 (-23.3)	40380 (11823)	38560 (11290)	36760 (10763)	34950 (10233)	33130 (9700)	31300 (9165)				
	-15 (-26.1)	35930 (10520)	34300 (10043)	32680 (9569)	31060 (9094)	29440 (8620)	27810 (8143)				
	-20 (-28.9)	31760 (9299)	30290 (8869)	28840 (8444)	27390 (8020)	25950 (7598)	24510 (7177)				
	-25 (-31.7)	27880 (8163)	26540 (7771)	25230 (7387)	23940 (7010)	22660 (6635)	21380 (6260)				
	-30 (-34.4)	24270 (7106)	23050 (6749)	21860 (6401)	20700 (6061)	19560 (5727)	18420 (5393)				
	-35 (-37.2)	20920 (6125)	19800 (5797)	18710 (5478)	17660 (5171)	16630 (4869)	15620 (4574)				
	-40 (-40.0)	17830 (5221)	16790 (4916)	15780 (4620)	14820 (4339)	13880 (4064)	12960 (3795)				

table continues on next page >>>

CAPACITY DATA - R404A R507

LOW TEMPERATURE (cont'd)

60Hz

MODEL KES	SATURATED SUC-TION TEMPERATURE		CAPACITY BTU/H (WATTS) R404A R507						AMBIENT TEMPERATURE °F (°C)	
	° F	° C	85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)		
KESA061L6 Compressor Model 3DA3F28KE	0	(-17.8)	54630 (15996)	52300 (15313)	49990 (14637)	47670 (13958)	45330 (13273)	42960 (12579)		
	-5	(-20.6)	49260 (14423)	47180 (13814)	45110 (13208)	43040 (12602)	40930 (11984)	38780 (11355)		
	-10	(-23.3)	44170 (12933)	42320 (12391)	40480 (11853)	38620 (11308)	36730 (10755)	34780 (10184)		
	-15	(-26.1)	39380 (11530)	37740 (11050)	36100 (10570)	34430 (10081)	32720 (9580)	30960 (9065)		
	-20	(-28.9)	34900 (10219)	33440 (9791)	31980 (9364)	30480 (8925)	28940 (8474)	27320 (7999)		
	-25	(-31.7)	30750 (9004)	29450 (8623)	28140 (8239)	26790 (7844)	25370 (7428)	23880 (6992)		
	-30	(-34.4)	26940 (7888)	25770 (7545)	24580 (7197)	23340 (6834)	22030 (6450)	20640 (6043)		
	-35	(-37.2)	23470 (6872)	22410 (6562)	21310 (6240)	20160 (5903)	18930 (5543)	17600 (5153)		
	-40	(-40.0)	20360 (5961)	19370 (5672)	18330 (5367)	17230 (5045)	16040 (4697)	14760 (4322)		
KESA075L6 Compressor Model 3DB3F33KE	0	(-17.8)	62460 (18288)	59770 (17501)	57110 (16722)	54480 (15952)	51870 (15188)	---	---	
	-5	(-20.6)	56450 (16529)	54060 (15829)	51690 (15135)	49340 (14447)	47010 (13765)	---	---	
	-10	(-23.3)	50770 (14865)	48660 (14248)	46550 (13630)	44460 (13018)	42380 (12409)	40300 (11800)		
	-15	(-26.1)	45440 (13305)	43560 (12754)	41700 (12210)	39830 (11662)	37960 (11115)	36090 (10567)		
	-20	(-28.9)	40440 (11841)	38780 (11355)	37120 (10869)	35450 (10380)	33760 (9885)	32070 (9390)		
	-25	(-31.7)	35780 (10476)	34300 (10043)	32810 (9607)	31300 (9165)	29760 (8714)	28210 (8260)		
	-30	(-34.4)	31450 (9209)	30120 (8819)	28760 (8421)	27370 (8014)	25950 (7598)	24500 (7174)		
	-35	(-37.2)	27430 (8032)	26210 (7674)	24950 (7305)	23650 (6925)	22300 (6529)	20920 (6125)		
	-40	(-40.0)	23720 (6945)	22560 (6606)	21360 (6254)	20100 (5885)	18800 (5505)	17440 (5106)		
KESA090L6 Compressor Model 3DF3F40KE	0	(-17.8)	79100 (23183)	75800 (22216)	72600 (21278)	69400 (20340)	66200 (19402)	63000 (18464)		
	-5	(-20.6)	71200 (20868)	68300 (20018)	65400 (19168)	62500 (18318)	59600 (17468)	56700 (16618)		
	-10	(-23.3)	63700 (18669)	61100 (17907)	58500 (17145)	56000 (16413)	53400 (15651)	50800 (14889)		
	-15	(-26.1)	56700 (16618)	54400 (15944)	52200 (15299)	49900 (14625)	47600 (13951)	45300 (13277)		
	-20	(-28.9)	50300 (14742)	48200 (14127)	46200 (13540)	44100 (12925)	42100 (12339)	40000 (11723)		
	-25	(-31.7)	44300 (12984)	42400 (12427)	40600 (11899)	38800 (11372)	37000 (10844)	35100 (10287)		
	-30	(-34.4)	38700 (11342)	37100 (10873)	35500 (10404)	33800 (9906)	32200 (9437)	30500 (8939)		
	-35	(-37.2)	33700 (9877)	32200 (9437)	30700 (8998)	29200 (8558)	27700 (8118)	26100 (7649)		
	-40	(-40.0)	29100 (8529)	27700 (8118)	26400 (7737)	24900 (7298)	23500 (6887)	22100 (6477)		
KESA100L6 Compressor Model 3DSF46KE	0	(-17.8)	86100 (25234)	82500 (24179)	78800 (23095)	75200 (22040)	71600 (20985)	68000 (19930)		
	-5	(-20.6)	78000 (22860)	74800 (21923)	71500 (20955)	68200 (19988)	64900 (19021)	61700 (18083)		
	-10	(-23.3)	70300 (20604)	67400 (19754)	64500 (18904)	61500 (18025)	58500 (17145)	55600 (16295)		
	-15	(-26.1)	63000 (18464)	60400 (17702)	57800 (16940)	55100 (16149)	52400 (15358)	49800 (14596)		
	-20	(-28.9)	56200 (16471)	53800 (15768)	51400 (15064)	49000 (14361)	46600 (13658)	44200 (12954)		
	-25	(-31.7)	49700 (14566)	47600 (13951)	45400 (13306)	43200 (12661)	41000 (12016)	38900 (11401)		
	-30	(-34.4)	43600 (12778)	41800 (12251)	39800 (11665)	37800 (11079)	35800 (10492)	33800 (9906)		
	-35	(-37.2)	38100 (11166)	36400 (10668)	34600 (10141)	32800 (9613)	30900 (9056)	29000 (8499)		
	-40	(-40.0)	33000 (9672)	31400 (9203)	29700 (8705)	28000 (8206)	26300 (7708)	24500 (7181)		
KESA130L6 Compressor Model 4DBNF54KE	0	(-17.8)	102500 (30040)	98100 (28750)	93800 (27490)	89500 (26230)	85200 (24970)	80800 (23680)		
	-5	(-20.6)	91900 (26930)	88000 (25790)	84200 (24680)	80400 (23560)	76600 (22450)	72700 (21310)		
	-10	(-23.3)	82300 (24120)	78900 (23120)	75500 (22130)	72100 (21130)	68700 (20130)	65200 (19110)		
	-15	(-26.1)	73500 (21540)	70400 (20630)	67400 (19750)	64400 (18870)	61300 (17970)	58100 (17030)		
	-20	(-28.9)	65400 (19170)	62700 (18380)	60000 (17580)	57200 (16760)	54400 (15940)	51400 (15060)		
	-25	(-31.7)	57900 (16970)	55500 (16270)	53000 (15530)	50400 (14770)	47800 (14010)	45000 (13190)		
	-30	(-34.4)	50900 (14920)	48600 (14240)	46300 (13570)	43900 (12870)	41400 (12130)	38700 (11340)		
	-35	(-37.2)	44200 (12950)	42000 (12310)	39800 (11660)	37400 (10960)	34900 (10230)	32300 (9470)		
	-40	(-40.0)	37700 (11050)	35500 (10400)	33300 (9760)	30900 (9060)	28400 (8320)	25700 (7530)		
KESA150L6 Compressor Model 4DHNF63KE	0	(-17.8)	118300 (34670)	113000 (33120)	107700 (31560)	102700 (30100)	97800 (28660)	93100 (27280)		
	-5	(-20.6)	107200 (31420)	102200 (29950)	97400 (28550)	92700 (27170)	88200 (25850)	83900 (24590)		
	-10	(-23.3)	96800 (28370)	92200 (27020)	87700 (25700)	83400 (24440)	79300 (23240)	75400 (22100)		
	-15	(-26.1)	87100 (25530)	82800 (24270)	78700 (23060)	74800 (21920)	71000 (20810)	67400 (19750)		
	-20	(-28.9)	78000 (22860)	74100 (21720)	70300 (20600)	66700 (19550)	63200 (18520)	59900 (17550)		
	-25	(-31.7)	69400 (20340)	65800 (19280)	62300 (18260)	58900 (17260)	55800 (16350)	52800 (15470)		
	-30	(-34.4)	61200 (17940)	57800 (16940)	54600 (16000)	51500 (15090)	48600 (14240)	45900 (13450)		
	-35	(-37.2)	53200 (15590)	50100 (14680)	47100 (13800)	44300 (12980)	41600 (12190)	39100 (11460)		
	-40	(-40.0)	45500 (13330)	42600 (12480)	39800 (11660)	37100 (10870)	34700 (10170)	32300 (9470)		
KESA220L6 Compressor Model 4DJNF76KE	0	(-17.8)	136300 (39936)	130000 (38090)	124000 (36332)	118200 (34633)	112600 (32992)	107300 (31439)		
	-5	(-20.6)	124400 (36449)	118600 (34750)	113100 (33138)	107700 (31556)	102600 (30062)	97600 (28597)		
	-10	(-23.3)	113000 (33109)	107700 (31556)	102700 (30091)	97700 (28626)	92900 (27220)	88200 (25843)		
	-15	(-26.1)	102100 (29915)	97300 (28509)	92600 (27132)	88100 (25813)	83600 (24495)	79200 (23206)		
	-20	(-28.9)	91600 (26839)	87300 (25579)	83000 (24319)	78800 (23088)	74700 (21887)	70500 (20657)		
	-25	(-31.7)	81600 (23909)	77700 (22766)	73800 (21623)	69900 (20481)	66000 (19338)	62000 (18166)		
	-30	(-34.4)	71900 (21067)	68400 (20041)	64800 (18986)	61200 (17932)	57500 (16848)	53700 (15734)		
	-35	(-37.2)	62600 (18342)	59400 (17404)	56100 (16437)	52700 (15441)	49100 (14386)	45500 (13332)		
	-40	(-40.0)	53500 (15676)	50600 (14826)	47500 (13918)	44300 (12980)	40900 (11984)	37300 (10929)		

--- Outside Operating Range

CAPACITY DATA - **R22**

HIGH / MEDIUM TEMPERATURE

MODEL	SATURATED SUCTION TEMPERATURE	CAPACITY BTU/H (WATTS) R22 AMBIENT TEMPERATURE °F (°C)												
KES	F° (C°)	85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)							
KESA008H2 Compressor Model KAN2-0075	45 (7.2)	11200 (2137)	10800 (2055)	10400 (1975)	9950 (1896)	9550 (1817)	9150 (1738)							
	40 (4.4)	10200 (1934)	9810 (1858)	9420 (1785)	9050 (1712)	8680 (1641)	8310 (1571)							
	35 (1.7)	9240 (1741)	8890 (1674)	8550 (1606)	8210 (1539)	7870 (1477)	7530 (1410)							
	30 (-1.1)	8340 (1565)	8020 (1501)	7700 (1439)	7400 (1380)	7090 (1322)	6790 (1263)							
	25 (-3.9)	7500 (1395)	7210 (1339)	6920 (1287)	6640 (1231)	6360 (1178)	6080 (1125)							
	20 (-6.7)	6710 (1240)	6440 (1190)	6180 (1140)	5920 (1093)	5680 (1043)	5420 (999)							
	15 (-9.4)	5960 (1099)	5730 (1052)	5490 (1011)	5260 (967)	5030 (923)	4800 (882)							
	10 (-12.2)	5280 (973)	5070 (929)	4850 (891)	4650 (850)	4440 (815)	4220 (777)							
	5 (-15)	4660 (853)	4460 (818)	4260 (785)	4080 (747)	3890 (715)	3700 (683)							
0 (-17.8)	4090 (750)	3910 (721)	3740 (689)	3560 (659)	3390 (627)	3210 (598)								
KESA010H2 Compressor Model KAR2-0100	45 (7.2)	15000 (2137)	14500 (2055)	14000 (1975)	13400 (1896)	12900 (1817)	12400 (1738)							
	40 (4.4)	13800 (1934)	13300 (1858)	12800 (1785)	12300 (1712)	11800 (1641)	11300 (1571)							
	35 (1.7)	12600 (1741)	12100 (1674)	11700 (1606)	11200 (1539)	10800 (1477)	10300 (1410)							
	30 (-1.1)	11400 (1565)	11000 (1501)	10600 (1439)	10200 (1380)	9740 (1322)	9330 (1263)							
	25 (-3.9)	10300 (1395)	9920 (1339)	9530 (1287)	9150 (1231)	8780 (1178)	8390 (1125)							
	20 (-6.7)	9250 (1240)	8900 (1190)	8550 (1140)	8200 (1093)	7860 (1043)	7510 (999)							
	15 (-9.4)	8270 (1099)	7950 (1052)	7630 (1011)	7310 (967)	6990 (923)	6670 (882)							
	10 (-12.2)	7350 (973)	7070 (929)	6780 (891)	6480 (850)	6190 (815)	5900 (777)							
	5 (-15)	6520 (853)	6250 (818)	5980 (785)	5720 (747)	5450 (715)	5180 (683)							
0 (-17.8)	5760 (750)	5510 (721)	5270 (689)	5030 (659)	4780 (627)	4530 (598)								
KESA015H2 Compressor Model KAGB-0150	45 (7.2)	19500 (2137)	18900 (2055)	18200 (1975)	17600 (1896)	17000 (1817)	16400 (1738)							
	40 (4.4)	17700 (1934)	17100 (1858)	16500 (1785)	15900 (1712)	15400 (1641)	14800 (1571)							
	35 (1.7)	16100 (1741)	15500 (1674)	14900 (1606)	14400 (1539)	13800 (1477)	13300 (1410)							
	30 (-1.1)	14500 (1565)	13900 (1501)	13400 (1439)	12900 (1380)	12400 (1322)	11900 (1263)							
	25 (-3.9)	12900 (1395)	12500 (1339)	12000 (1287)	11500 (1231)	11000 (1178)	10500 (1125)							
	20 (-6.7)	11500 (1240)	11100 (1190)	10600 (1140)	10200 (1093)	9750 (1043)	9330 (999)							
	15 (-9.4)	10200 (1099)	9820 (1052)	9400 (1011)	9000 (967)	8610 (923)	8220 (882)							
	10 (-12.2)	9040 (973)	8670 (929)	8300 (891)	7940 (850)	7580 (815)	7240 (777)							
	5 (-15)	8000 (853)	7660 (818)	7330 (785)	7010 (747)	6700 (715)	6390 (683)							
0 (-17.8)	7090 (750)	6800 (721)	6510 (689)	6220 (659)	5940 (627)	5680 (598)								
KESA020H2 Compressor Model KAKB-0200	45 (7.2)	26200 (2137)	25300 (2055)	24500 (1975)	23700 (1896)	22900 (1817)	22000 (1738)							
	40 (4.4)	23900 (1934)	23100 (1858)	22400 (1785)	21600 (1712)	20800 (1641)	20100 (1571)							
	35 (1.7)	21700 (1741)	21000 (1674)	20300 (1606)	19600 (1539)	18900 (1477)	18200 (1410)							
	30 (-1.1)	19600 (1565)	19000 (1501)	18400 (1439)	17800 (1380)	17100 (1322)	16500 (1263)							
	25 (-3.9)	17700 (1395)	17200 (1339)	16600 (1287)	16000 (1231)	15400 (1178)	14800 (1125)							
	20 (-6.7)	15900 (1240)	15400 (1190)	14900 (1140)	14400 (1093)	13800 (1043)	13300 (999)							
	15 (-9.4)	14200 (1099)	13800 (1052)	13300 (1011)	12800 (967)	12300 (923)	11800 (882)							
	10 (-12.2)	12600 (973)	12200 (929)	11700 (891)	11300 (850)	10900 (815)	10400 (777)							
	5 (-15)	11100 (853)	10700 (818)	10300 (785)	9880 (747)	9480 (715)	9060 (683)							
0 (-17.8)	9660 (750)	9270 (721)	8890 (689)	8510 (659)	8130 (627)	7750 (598)								
KESA030H2 Compressor Model ERF1-0310	45 (7.2)	43230 (12658)	41720 (12216)	40180 (11765)	38610 (11305)	---	---	---						
	40 (4.4)	39460 (11554)	38070 (11147)	36650 (10731)	35200 (10307)	33730 (9876)	---	---						
	35 (1.7)	35880 (10506)	34600 (10131)	33290 (9747)	31960 (9358)	30610 (8963)	29220 (8556)							
	30 (-1.1)	32490 (9513)	31310 (9168)	30110 (8816)	28890 (8459)	27650 (8096)	26390 (7727)							
	25 (-3.9)	29290 (8576)	28210 (8260)	27110 (7938)	26000 (7613)	24860 (7279)	23720 (6945)							
	20 (-6.7)	26290 (7698)	25290 (7405)	24290 (7112)	23270 (6813)	22250 (6515)	21210 (6210)							
	15 (-9.4)	23480 (6875)	22570 (6608)	21650 (6339)	20730 (6070)	19800 (5797)	18860 (5522)							
	10 (-12.2)	20870 (6111)	20030 (5865)	19190 (5619)	18360 (5376)	17520 (5130)	16680 (4884)							
	5 (-15.0)	18450 (5402)	17680 (5177)	16920 (4954)	16160 (4732)	15410 (4512)	14650 (4290)							

--- Outside Operating Range

table continues on next page >>>

CAPACITY DATA - **R22**

HIGH / MEDIUM TEMPERATURE (cont'd)

MODEL KES	SATURATED SUCTION TEMPERATURE		CAPACITY BTU/H (WATTS) R22 AMBIENT TEMPERATURE °F (°C)									
			85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)				
KESA050H8 Compressor Model 2DC3R53KE	45 (7.2)		71050 (20803)	68710 (20118)	66370 (19433)	64030 (18748)	61690 (18063)	59350 (17378)				
	40 (4.4)		64680 (18938)	62510 (18303)	60330 (17665)	58160 (17029)	56000 (16397)	53830 (15761)				
	35 (1.7)		58670 (17179)	56660 (16590)	54650 (16002)	52640 (15413)	50630 (14824)	48630 (14239)				
	30 (-1.1)		53030 (15527)	51160 (14980)	49300 (14435)	47440 (13890)	45580 (13346)	43720 (12801)				
	25 (-3.9)		47730 (13975)	46000 (13469)	44280 (12965)	42550 (12459)	40830 (11955)	39110 (11451)				
	20 (-6.7)		42770 (12523)	41160 (12052)	39560 (11583)	37960 (11115)	36360 (10646)	34770 (10181)				
	15 (-9.4)		38120 (11162)	36630 (10725)	35140 (10289)	33650 (9853)	32160 (9416)	30680 (8983)				
	10 (-12.2)		33770 (9888)	32380 (9481)	30990 (9074)	29600 (8667)	28210 (8260)	26830 (7856)				
	5 (-15.0)		29710 (8699)	28400 (8316)	27090 (7932)	25790 (7551)	24490 (7171)	23190 (6790)				
KESA051H8 Compressor Model 2DD3R63KE	45 (7.2)		80180 (23477)	77560 (22710)	74930 (21940)	72320 (21175)	69690 (20405)	67070 (19638)				
	40 (4.4)		73200 (21433)	70770 (20721)	68350 (20013)	65920 (19301)	63500 (18593)	61080 (17884)				
	35 (1.7)		66590 (19498)	64350 (18842)	62110 (18186)	59870 (17530)	57640 (16877)	55400 (16221)				
	30 (-1.1)		60350 (17670)	58280 (17064)	56210 (16458)	54150 (15855)	52090 (15252)	50040 (14652)				
	25 (-3.9)		54470 (15949)	52560 (15390)	50650 (14830)	48750 (14274)	46850 (13718)	44960 (13164)				
	20 (-6.7)		48940 (14330)	47180 (13814)	45410 (13296)	43650 (12781)	41900 (12268)	40160 (11759)				
	15 (-9.4)		43750 (12810)	42110 (12330)	40480 (11853)	38850 (11375)	37240 (10904)	35620 (10430)				
	10 (-12.2)		38880 (11384)	37350 (10936)	35840 (10494)	34330 (10052)	32830 (9613)	31340 (9176)				
	5 (-15.0)		34310 (10046)	32890 (9630)	31470 (9214)	30060 (8802)	28670 (8395)	27280 (7988)				
KESA075H8 Compressor Model 2DL3R78KE	45 (7.2)		96090 (28135)	93020 (27236)	89940 (26334)	86840 (25427)	83730 (24516)	-				
	40 (4.4)		88070 (25787)	85240 (24958)	82390 (24124)	79530 (23286)	76650 (22443)	73770 (21600)				
	35 (1.7)		80460 (23559)	77860 (22797)	75230 (22027)	72590 (21254)	69940 (20478)	67280 (19700)				
	30 (-1.1)		73260 (21451)	70860 (20748)	68440 (20039)	66010 (19328)	63580 (18616)	61140 (17902)				
	25 (-3.9)		66430 (19451)	64230 (18807)	62010 (18157)	59780 (17504)	57540 (16848)	55310 (16195)				
	20 (-6.7)		59970 (17559)	57950 (16968)	55910 (16370)	53870 (15773)	51820 (15173)	49770 (14573)				
	15 (-9.4)		53850 (15767)	51990 (15223)	50120 (14675)	48250 (14128)	46380 (13580)	44510 (13033)				
	10 (-12.2)		48040 (14066)	46330 (13565)	44620 (13065)	42900 (12561)	41190 (12060)	39480 (11560)				
	5 (-15.0)		42510 (12447)	40940 (11987)	39370 (11528)	37790 (11065)	36220 (10605)	34660 (10148)				
KESA077H8 Compressor Model 2DA3R89KE	45 (7.2)		112000 (32820)	108200 (31710)	104600 (30660)	100800 (29540)	97100 (28460)	93300 (27340)				
	40 (4.4)		102400 (30010)	98900 (28980)	95500 (27990)	92000 (26960)	88500 (25940)	85100 (24940)				
	35 (1.7)		93300 (27340)	90100 (26410)	86900 (25470)	83700 (24530)	80500 (23590)	77300 (22650)				
	30 (-1.1)		84800 (24850)	81800 (23970)	78800 (23090)	75900 (22240)	72900 (21360)	70000 (20510)				
	25 (-3.9)		76700 (22480)	74000 (21690)	71200 (20870)	68400 (20050)	65800 (19280)	63000 (18460)				
	20 (-6.7)		69200 (20280)	66600 (19520)	64100 (18790)	61600 (18050)	59100 (17320)	56500 (16560)				
	15 (-9.4)		62000 (18170)	59800 (17530)	57400 (16820)	55100 (16150)	52700 (15440)	50400 (14770)				
	10 (-12.2)		55500 (16270)	53300 (15620)	51200 (15010)	49100 (14390)	46900 (13740)	44700 (13100)				
	5 (-15.0)		49300 (14450)	47300 (13860)	45400 (13310)	43400 (12720)	41400 (12130)	39400 (11550)				
KESA080H8 Compressor Model 3DA3R10ME	45 (7.2)		132600 (38863)	128500 (37661)	124500 (36489)	120500 (35317)	116600 (34174)	112800 (33060)				
	40 (4.4)		121700 (35668)	117900 (34555)	114200 (33470)	110500 (32386)	106900 (31331)	103400 (30305)				
	35 (1.7)		111300 (32620)	107900 (31624)	104400 (30598)	101100 (29631)	97700 (28634)	94400 (27667)				
	30 (-1.1)		101500 (29748)	98300 (28810)	95200 (27902)	92100 (26993)	89000 (26084)	86000 (25205)				
	25 (-3.9)		92300 (27052)	89400 (26202)	86500 (25352)	83600 (24502)	80800 (23681)	78000 (22860)				
	20 (-6.7)		83500 (24472)	80900 (23710)	78200 (22919)	75600 (22157)	73000 (21395)	70400 (20633)				
	15 (-9.4)		75400 (22098)	72900 (21366)	70500 (20662)	68100 (19959)	65700 (19256)	63300 (18552)				
	10 (-12.2)		67700 (19842)	65500 (19197)	63200 (18523)	61000 (17878)	58800 (17233)	56700 (16618)				
	5 (-15.0)		60600 (17761)	58500 (17145)	56500 (16559)	54400 (15944)	52400 (15358)	50400 (14771)				

table continues on next page >>>

CAPACITY DATA - **R22**

HIGH / MEDIUM TEMPERATURE (cont'd)

MODEL KES	SATURATED SUCTION TEMPERATURE ° F ° C	CAPACITY BTU/H (WATTS) R22 AMBIENT TEMPERATURE °F (°C)						
		85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)	
KESA100H8 Compressor Model 3DB3R12ME	45 (7.2)	152000 (44549)	147400 (43200)	142800 (41852)	138200 (40504)	133600 (39156)	128900 (37778)	
	40 (4.4)	139900 (41002)	135700 (39771)	131400 (38511)	127200 (37280)	122900 (36020)	118600 (34760)	
	35 (1.7)	128400 (37632)	124500 (36489)	120600 (35346)	116700 (34203)	112700 (33030)	108700 (31858)	
	30 (-1.1)	117500 (34437)	113900 (33382)	110300 (32327)	106700 (31272)	103100 (30217)	99400 (29132)	
	25 (-3.9)	107200 (31419)	103900 (30451)	100600 (29484)	97300 (28517)	94000 (27550)	90600 (26553)	
	20 (-6.7)	97400 (28546)	94400 (27667)	91400 (26788)	88400 (25909)	85300 (25000)	82300 (24121)	
	15 (-9.4)	88300 (25879)	85500 (25059)	82800 (24267)	80000 (23447)	77200 (22626)	74400 (21805)	
	10 (-12.2)	79700 (23359)	77200 (22626)	74700 (21893)	72100 (21131)	69600 (20399)	67000 (19637)	
	5 (-15.0)	71600 (20985)	69300 (20311)	67000 (19637)	64700 (18962)	62400 (18288)	60000 (17585)	
KESA120H8 Compressor Model 3DF3R15ME	45 (7.2)	185600 (54381)	179900 (52711)	174300 (51070)	168600 (49400)	163000 (47759)	157400 (46118)	
	40 (4.4)	170600 (49986)	165400 (48462)	160100 (46909)	154900 (45386)	149700 (43862)	144600 (42368)	
	35 (1.7)	156200 (45767)	151400 (44360)	146600 (42954)	141800 (41547)	137000 (40141)	132200 (38735)	
	30 (-1.1)	142500 (41753)	138100 (40463)	133600 (39145)	129200 (37856)	124800 (36566)	120500 (35307)	
	25 (-3.9)	129400 (37914)	125400 (36742)	121400 (35570)	117300 (34369)	113300 (33197)	109300 (32025)	
	20 (-6.7)	117100 (34310)	113400 (33226)	109800 (32171)	106100 (31087)	102400 (30003)	98800 (28948)	
	15 (-9.4)	105400 (30882)	102200 (29945)	98900 (28978)	95600 (28011)	92200 (27015)	88900 (26048)	
	10 (-12.2)	94600 (27718)	91700 (26868)	88700 (25989)	85700 (25110)	82700 (24231)	79800 (23381)	
	5 (-15.0)	84600 (24788)	82000 (24026)	79300 (23235)	76600 (22444)	74000 (21682)	71300 (20891)	
KESA150H8 Compressor Model 3DS3R17ME	45 (7.2)	205700 (60270)	199400 (58424)	193200 (56608)	187000 (54791)	180900 (53004)	175000 (51275)	
	40 (4.4)	189100 (55406)	183300 (53707)	177600 (52037)	172000 (50396)	166500 (48785)	161000 (47173)	
	35 (1.7)	173400 (50806)	168100 (49253)	162900 (47730)	157800 (46235)	152700 (44741)	147800 (43305)	
	30 (-1.1)	158400 (46411)	153600 (45005)	148900 (43628)	144300 (42280)	139700 (40932)	135300 (39643)	
	25 (-3.9)	144300 (42280)	139900 (40991)	135700 (39760)	131500 (38530)	127400 (37328)	123500 (36186)	
	20 (-6.7)	131000 (38383)	127000 (37211)	123200 (36098)	119500 (35014)	115800 (33929)	112300 (32904)	
	15 (-9.4)	118400 (34691)	114900 (33666)	111400 (32640)	108100 (31673)	104800 (30706)	101700 (29798)	
	10 (-12.2)	106600 (31234)	103400 (30296)	100300 (29388)	97400 (28538)	94500 (27689)	91700 (26868)	
	5 (-15.0)	95600 (28011)	92700 (27161)	89900 (26341)	87200 (25550)	84700 (24817)	82300 (24114)	

CAPACITY DATA - **R22** MEDIUM TEMPERATURE

60Hz

MODEL KES	SATURATED SUCTION TEMPERATURE ° F ° C	CAPACITY BTU/H (WATTS) R22 AMBIENT TEMPERATURE °F (°C)									
		85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)				
KESA008M2 Compressor Model KAE2-0075	25 (-3.9)	8140 (2386)	7850 (2301)	7560 (2216)	7260 (2128)	6960 (2040)	6660 (1952)				
	20 (-6.7)	7300 (2140)	7030 (2060)	6760 (1981)	6490 (1902)	6220 (1823)	5940 (1741)				
	15 (-9.4)	6540 (1917)	6290 (1843)	6050 (1773)	5800 (1700)	5540 (1624)	5290 (1550)				
	10 (-12.2)	5850 (1715)	5620 (1647)	5400 (1583)	5170 (1515)	4940 (1448)	4710 (1380)				
	5 (-15)	5210 (1527)	5010 (1468)	4800 (1407)	4590 (1345)	4390 (1287)	4180 (1225)				
	0 (-17.8)	4600 (1348)	4420 (1295)	4230 (1240)	4060 (1190)	3870 (1134)	3690 (1081)				
	-5 (-20.6)	4030 (1181)	3860 (1131)	3700 (1084)	3540 (1038)	3380 (991)	3210 (941)				
KESA010M2 Compressor Model KAM2-0100	30 (-1.1)	12700 (3722)	12200 (3576)	11700 (3429)	11300 (3312)	10800 (3165)	10300 (3019)				
	25 (-3.9)	11500 (3370)	11000 (3224)	10600 (3107)	10100 (2960)	9700 (2843)	9280 (2720)				
	20 (-6.7)	10300 (3019)	9890 (2899)	9480 (2778)	9070 (2658)	8680 (2544)	8290 (2430)				
	15 (-9.4)	9190 (2693)	8820 (2585)	8450 (2477)	8080 (2368)	7710 (2260)	7360 (2157)				
	10 (-12.2)	8150 (2389)	7810 (2289)	7480 (2192)	7140 (2093)	6810 (1996)	6490 (1902)				
	5 (-15)	7150 (2096)	6860 (2011)	6560 (1923)	6250 (1832)	5960 (1747)	5680 (1665)				
	0 (-17.8)	6210 (1820)	5950 (1744)	5690 (1668)	5420 (1589)	5160 (1512)	4900 (1436)				
KESA021M2 Compressor Model ERC1-0200	25 (-3.9)	19800 (5803)	19000 (5569)	18300 (5363)	17500 (5129)	16700 (4894)	16000 (4689)				
	20 (-6.7)	17600 (5158)	16900 (4953)	16200 (4748)	15500 (4543)	14900 (4367)	14200 (4162)				
	15 (-9.4)	15500 (4543)	14900 (4367)	14300 (4191)	13700 (4015)	13100 (3839)	12500 (3664)				
	10 (-12.2)	13600 (3986)	13100 (3839)	12600 (3693)	12000 (3517)	11500 (3370)	11000 (3224)				
	5 (-15)	11900 (3488)	11500 (3370)	11000 (3224)	10500 (3077)	10000 (2931)	9570 (2805)				
	0 (-17.8)	10400 (3048)	10000 (2931)	9570 (2805)	9150 (2682)	8710 (2553)	8290 (2430)				
	-5 (-20.6)	9080 (2661)	8700 (2550)	8310 (2436)	7920 (2321)	7530 (2207)	7140 (2093)				

CAPACITY DATA - R407A

HIGH / MEDIUM TEMPERATURE

60Hz

MODEL KES	SATURATED SUCTION TEMPERATURE ° F ° C		CAPACITY BTU/H (WATTS) R407A AMBIENT TEMPERATURE °F (°C)							
			85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)		
KESB010H8 Compressor Model 2KES-05	40 (4.4)		14700 (4310)	14100 (4130)	13400 (3930)	12900 (3780)	12300 (3600)	11700 (3430)		
	35 (1.7)		13300 (3900)	12800 (3750)	12200 (3580)	11700 (3430)	11100 (3250)	10500 (3080)		
	30 (-1.1)		12100 (3550)	11600 (3400)	11000 (3220)	10500 (3080)	10000 (2930)	9480 (2780)		
	25 (-3.9)		10800 (3170)	10400 (3050)	9910 (2900)	9440 (2770)	8970 (2630)	8490 (2490)		
	20 (-6.7)		9730 (2850)	9300 (2730)	8870 (2600)	8430 (2470)	7990 (2340)	7560 (2220)		
	15 (-9.4)		8690 (2550)	8280 (2430)	7900 (2320)	7500 (2200)	7100 (2080)	6710 (1970)		
	10 (-12.2)		7720 (2260)	7360 (2160)	6990 (2050)	6630 (1940)	6270 (1840)	5900 (1730)		
	5 (-15.0)		6830 (2000)	6490 (1900)	6160 (1810)	5830 (1710)	5490 (1610)	5170 (1520)		
	0 (-17.8)		5990 (1760)	5680 (1660)	5380 (1580)	5070 (1490)	4790 (1400)	4480 (1310)		
KESB015H8 Compressor Model 2JES-07	40 (4.4)		20000 (5860)	19200 (5630)	18400 (5390)	17600 (5160)	16800 (4920)	16100 (4720)		
	35 (1.7)		18200 (5330)	17400 (5100)	16700 (4890)	16000 (4690)	15200 (4450)	14500 (4250)		
	30 (-1.1)		16400 (4810)	15800 (4630)	15100 (4430)	14400 (4220)	13800 (4040)	13100 (3840)		
	25 (-3.9)		14800 (4340)	14200 (4160)	13500 (3960)	12900 (3780)	12400 (3630)	11800 (3460)		
	20 (-6.7)		13200 (3870)	12700 (3720)	12200 (3580)	11600 (3400)	11000 (3220)	10500 (3080)		
	15 (-9.4)		11900 (3490)	11300 (3310)	10800 (3170)	10300 (3020)	9840 (2880)	9320 (2730)		
	10 (-12.2)		10600 (3110)	10100 (2960)	9640 (2830)	9180 (2690)	8720 (2560)	8250 (2420)		
	5 (-15.0)		9360 (2740)	8950 (2620)	8530 (2500)	8110 (2380)	7690 (2250)	7280 (2130)		
	0 (-17.8)		8240 (2410)	7880 (2310)	7490 (2200)	7110 (2080)	6740 (1980)	6360 (1860)		
KESB020H8 Compressor Model 2HES-2	40 (4.4)		24200 (7090)	23200 (6800)	22300 (6540)	21300 (6240)	20500 (6010)	19500 (5710)		
	35 (1.7)		22100 (6480)	21200 (6210)	20300 (5950)	19400 (5690)	18600 (5450)	17700 (5190)		
	30 (-1.1)		20100 (5890)	19200 (5630)	18500 (5420)	17600 (5160)	16800 (4920)	16100 (4720)		
	25 (-3.9)		18200 (5330)	17400 (5100)	16700 (4890)	16000 (4690)	15200 (4450)	14500 (4250)		
	20 (-6.7)		16400 (4810)	15600 (4570)	15000 (4400)	14300 (4190)	13700 (4020)	13000 (3810)		
	15 (-9.4)		14700 (4310)	14100 (4130)	13400 (3930)	12800 (3750)	12200 (3580)	11600 (3400)		
	10 (-12.2)		13100 (3840)	12600 (3690)	12000 (3520)	11400 (3340)	10900 (3190)	10300 (3020)		
	5 (-15.0)		11700 (3430)	11100 (3250)	10600 (3110)	10200 (2990)	9650 (2830)	9150 (2680)		
	0 (-17.8)		10300 (3020)	9860 (2890)	9420 (2760)	8960 (2630)	8510 (2490)	8050 (2360)		
KESB025H8 Compressor Model 2GES-2	40 (4.4)		28800 (8440)	27600 (8090)	26600 (7800)	25400 (7440)	24400 (7150)	23200 (6800)		
	35 (1.7)		26100 (7650)	25200 (7390)	24200 (7090)	23100 (6770)	22200 (6510)	21100 (6180)		
	30 (-1.1)		23800 (6980)	22900 (6710)	21900 (6420)	21000 (6150)	20100 (5890)	19100 (5600)		
	25 (-3.9)		21500 (6300)	20700 (6070)	19800 (5800)	18900 (5540)	18100 (5300)	17200 (5040)		
	20 (-6.7)		19400 (5690)	18600 (5450)	17900 (5250)	17000 (4980)	16300 (4780)	15400 (4510)		
	15 (-9.4)		17400 (5100)	16700 (4890)	16000 (4690)	15300 (4480)	14600 (4280)	13900 (4070)		
	10 (-12.2)		15600 (4570)	14900 (4370)	14300 (4190)	13700 (4020)	13000 (3810)	12400 (3630)		
	5 (-15.0)		13900 (4070)	13200 (3870)	12700 (3720)	12100 (3550)	11600 (3400)	10900 (3190)		
	0 (-17.8)		12300 (3600)	11800 (3460)	11200 (3280)	10700 (3140)	10200 (2990)	9650 (2830)		

NOTES:

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

table continues on next page >>>

CAPACITY DATA - **R407A**

HIGH / MEDIUM TEMPERATURE (cont'd)

60Hz

MODEL KES	SATURATED SUCTION TEMPERATURE		CAPACITY BTU/H (WATTS) R407A AMBIENT TEMPERATURE °F (°C)											
	° F	° C	85	(29.4)	90	(32.2)	95	(35.0)	100	(37.8)	105	(40.6)	110	(43.3)
KESB029H8 Compressor Model 2FES-3	40	(4.4)	37900	(11110)	36400	(10670)	35100	(10290)	33600	(9850)	32200	(9440)	30800	(9030)
	35	(1.7)	34400	(10080)	33100	(9700)	31800	(9320)	30500	(8940)	29200	(8560)	27800	(8150)
	30	(-1.1)	31200	(9140)	30000	(8790)	28800	(8440)	27600	(8090)	26400	(7740)	25200	(7390)
	25	(-3.9)	28100	(8240)	27100	(7940)	25900	(7590)	24900	(7300)	23700	(6950)	22700	(6650)
	20	(-6.7)	25300	(7410)	24400	(7150)	23300	(6830)	22400	(6560)	21300	(6240)	20300	(5950)
	15	(-9.4)	22700	(6650)	21800	(6390)	20900	(6130)	20000	(5860)	19000	(5570)	18200	(5330)
	10	(-12.2)	20300	(5950)	19400	(5690)	18600	(5450)	17700	(5190)	17000	(4980)	16200	(4750)
	5	(-15.0)	18100	(5300)	17300	(5070)	16500	(4840)	15800	(4630)	15000	(4400)	14300	(4190)
	0	(-17.8)	16000	(4690)	15200	(4450)	14600	(4280)	14000	(4100)	13200	(3870)	12600	(3690)
KESB030H8 Compressor Model 2EES-3	40	(4.4)	42700	(12510)	41100	(12050)	39400	(11550)	37700	(11050)	36000	(10550)	34300	(10050)
	35	(1.7)	38900	(11400)	37300	(10930)	35700	(10460)	34100	(9990)	32600	(9550)	31100	(9110)
	30	(-1.1)	35200	(10320)	33700	(9880)	32200	(9440)	30900	(9060)	29400	(8620)	27900	(8180)
	25	(-3.9)	31700	(9290)	30300	(8880)	29100	(8530)	27700	(8120)	26400	(7740)	25100	(7360)
	20	(-6.7)	28500	(8350)	27300	(8000)	26000	(7620)	24800	(7270)	23600	(6920)	22400	(6560)
	15	(-9.4)	25400	(7440)	24400	(7150)	23200	(6800)	22200	(6510)	21000	(6150)	20000	(5860)
	10	(-12.2)	22700	(6650)	21600	(6330)	20700	(6070)	19600	(5740)	18600	(5450)	17600	(5160)
	5	(-15.0)	20100	(5890)	19100	(5600)	18300	(5360)	17300	(5070)	16400	(4810)	15500	(4540)
	0	(-17.8)	17600	(5160)	16900	(4950)	16100	(4720)	15200	(4450)	14400	(4220)	13500	(3960)
KESB035H8 Compressor Model 2DES-3	40	(4.4)	51600	(15120)	49600	(14540)	47500	(13920)	45500	(13330)	43500	(12750)	41500	(12160)
	35	(1.7)	46800	(13720)	44900	(13160)	43100	(12630)	41300	(12100)	39400	(11550)	37600	(11020)
	30	(-1.1)	42400	(12430)	40600	(11900)	39000	(11430)	37300	(10930)	35500	(10400)	33800	(9910)
	25	(-3.9)	38200	(11200)	36600	(10730)	35100	(10290)	33500	(9820)	31900	(9350)	30300	(8880)
	20	(-6.7)	34300	(10050)	32900	(9640)	31500	(9230)	30000	(8790)	28600	(8380)	27200	(7970)
	15	(-9.4)	30800	(9030)	29400	(8620)	28100	(8240)	26800	(7850)	25500	(7470)	24200	(7090)
	10	(-12.2)	27400	(8030)	26100	(7650)	25000	(7330)	23800	(6980)	22600	(6620)	21400	(6270)
	5	(-15.0)	24300	(7120)	23200	(6800)	22200	(6510)	21000	(6150)	20000	(5860)	18900	(5540)
	0	(-17.8)	21400	(6270)	20500	(6010)	19400	(5690)	18500	(5420)	17500	(5130)	16600	(4860)
KESB040H8 Compressor Model 2CES-4	40	(4.4)	60800	(17820)	58400	(17120)	56100	(16440)	53800	(15770)	51300	(15030)	49000	(14360)
	35	(1.7)	55400	(16240)	53200	(15590)	51000	(14950)	48800	(14300)	46700	(13690)	44500	(13040)
	30	(-1.1)	50400	(14770)	48300	(14160)	46300	(13570)	44300	(12980)	42300	(12400)	40300	(11810)
	25	(-3.9)	45600	(13360)	43700	(12810)	41900	(12280)	40000	(11720)	38200	(11200)	36300	(10640)
	20	(-6.7)	41100	(12050)	39400	(11550)	37700	(11050)	36000	(10550)	34300	(10050)	32700	(9580)
	15	(-9.4)	36900	(10810)	35400	(10370)	33800	(9910)	32200	(9440)	30800	(9030)	29200	(8560)
	10	(-12.2)	33000	(9670)	31600	(9260)	30200	(8850)	28800	(8440)	27400	(8030)	26000	(7620)
	5	(-15.0)	29400	(8620)	28100	(8240)	26900	(7880)	25600	(7500)	24400	(7150)	23100	(6770)
	0	(-17.8)	26000	(7620)	24900	(7300)	23700	(6950)	22600	(6620)	21500	(6300)	20400	(5980)
KESB050H8 Compressor Model 4FES-5	40	(4.4)	68600	(20100)	65800	(19280)	63100	(18490)	60400	(17700)	57600	(16880)	54900	(16090)
	35	(1.7)	62200	(18230)	59600	(17470)	57100	(16730)	54600	(16000)	52100	(15270)	49600	(14540)
	30	(-1.1)	56200	(16470)	53900	(15800)	51600	(15120)	49100	(14390)	46800	(13720)	44500	(13040)
	25	(-3.9)	50600	(14830)	48400	(14180)	46300	(13570)	44100	(12920)	42000	(12310)	39900	(11690)
	20	(-6.7)	45400	(13310)	43400	(12720)	41400	(12130)	39500	(11580)	37500	(10990)	35500	(10400)
	15	(-9.4)	40400	(11840)	38600	(11310)	36900	(10810)	35100	(10290)	33300	(9760)	31500	(9230)
	10	(-12.2)	35900	(10520)	34300	(10050)	32700	(9580)	31100	(9110)	29500	(8650)	27800	(8150)
	5	(-15.0)	31800	(9320)	30300	(8880)	28900	(8470)	27400	(8030)	25900	(7590)	24500	(7180)
	0	(-17.8)	27900	(8180)	26600	(7800)	25300	(7410)	23900	(7000)	22700	(6650)	21300	(6240)

NOTES:

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

table continues on next page >>>

CAPACITY DATA - **R407A**

HIGH / MEDIUM TEMPERATURE (cont'd)

60Hz

MODEL KES	SATURATED SUCTION TEMPERATURE ° F ° C	CAPACITY BTU/H (WATTS) R407A AMBIENT TEMPERATURE °F (°C)									
		85 (29.4)		90 (32.2)		95 (35.0)		100 (37.8)		105 (40.6)	
KESB060H8 Compressor Model 4EES-6	40 (4.4)	83100 (24350)	79700 (23360)	76400 (22390)	73100 (21420)	69700 (20430)	66500 (19490)				
	35 (1.7)	75600 (22160)	72600 (21280)	69400 (20340)	66400 (19460)	63300 (18550)	60200 (17640)				
	30 (-1.1)	68600 (20100)	65700 (19250)	62800 (18400)	60000 (17580)	57100 (16730)	54300 (15910)				
	25 (-3.9)	62000 (18170)	59300 (17380)	56600 (16590)	54000 (15830)	51500 (15090)	48800 (14300)				
	20 (-6.7)	55700 (16320)	53200 (15590)	50800 (14890)	48400 (14180)	46100 (13510)	43700 (12810)				
	15 (-9.4)	49900 (14620)	47700 (13980)	45500 (13330)	43300 (12690)	41100 (12050)	39000 (11430)				
	10 (-12.2)	44400 (13010)	42400 (12430)	40400 (11840)	38400 (11250)	36400 (10670)	34500 (10110)				
	5 (-15.0)	39500 (11580)	37600 (11020)	35800 (10490)	34000 (9960)	32200 (9440)	30500 (8940)				
0 (-17.8)	34800 (10200)	33200 (9730)	31500 (9230)	29900 (8760)	28200 (8260)	26700 (7820)					
KESB076H8 Compressor Model 4DES-7	40 (4.4)	103400 (30300)	99300 (29100)	95300 (27930)	91400 (26790)	87400 (25610)	83300 (24410)				
	35 (1.7)	93900 (27520)	90200 (26430)	86400 (25320)	82700 (24240)	79000 (23150)	75300 (22070)				
	30 (-1.1)	84900 (24880)	81500 (23890)	78100 (22890)	74700 (21890)	71300 (20900)	67800 (19870)				
	25 (-3.9)	76700 (22480)	73400 (21510)	70200 (20570)	67100 (19660)	64100 (18790)	60900 (17850)				
	20 (-6.7)	68800 (20160)	65900 (19310)	63000 (18460)	60200 (17640)	57300 (16790)	54400 (15940)				
	15 (-9.4)	61500 (18020)	58900 (17260)	56300 (16500)	53700 (15740)	51000 (14950)	48500 (14210)				
	10 (-12.2)	54800 (16060)	52400 (15360)	50100 (14680)	47700 (13980)	45400 (13310)	42900 (12570)				
	5 (-15.0)	48600 (14240)	46400 (13600)	44300 (12980)	42100 (12340)	40000 (11720)	37900 (11110)				
0 (-17.8)	42800 (12540)	41000 (12020)	39000 (11430)	37100 (10870)	35200 (10320)	33300 (9760)					
KESB090H8 Compressor Model 4CES-9	40 (4.4)	122000 (35750)	117300 (34380)	112600 (33000)	107800 (31590)	103100 (30220)	98400 (28840)				
	35 (1.7)	111200 (32590)	106800 (31300)	102400 (30010)	98100 (28750)	93700 (27460)	89400 (26200)				
	30 (-1.1)	101000 (29600)	96900 (28400)	92900 (27230)	88800 (26020)	84800 (24850)	80900 (23710)				
	25 (-3.9)	91400 (26790)	87700 (25700)	83900 (24590)	80200 (23500)	76500 (22420)	72900 (21360)				
	20 (-6.7)	82300 (24120)	79000 (23150)	75600 (22160)	72100 (21130)	68800 (20160)	65400 (19170)				
	15 (-9.4)	73900 (21660)	70900 (20780)	67700 (19840)	64700 (18960)	61600 (18050)	58600 (17170)				
	10 (-12.2)	66000 (19340)	63300 (18550)	60500 (17730)	57600 (16880)	54900 (16090)	52200 (15300)				
	5 (-15.0)	58800 (17230)	56300 (16500)	53800 (15770)	51200 (15010)	48700 (14270)	46300 (13570)				
0 (-17.8)	52100 (15270)	49800 (14590)	47600 (13950)	45300 (13280)	43100 (12630)	40800 (11960)					
KESB100H8 Compressor Model 4VES-10	40 (4.4)	126000 (36930)	120900 (35430)	115700 (33910)	110600 (32410)	105300 (30860)	100200 (29370)				
	35 (1.7)	114800 (33640)	110000 (32240)	105200 (30830)	100500 (29450)	95700 (28050)	90800 (26610)				
	30 (-1.1)	104200 (30540)	99800 (29250)	95300 (27930)	90900 (26640)	86500 (25350)	82100 (24060)				
	25 (-3.9)	94100 (27580)	90100 (26410)	86000 (25200)	81900 (24000)	77900 (22830)	73800 (21630)				
	20 (-6.7)	84600 (24790)	81000 (23740)	77200 (22630)	73500 (21540)	69800 (20460)	66000 (19340)				
	15 (-9.4)	75800 (22210)	72500 (21250)	69000 (20220)	65600 (19230)	62300 (18260)	58900 (17260)				
	10 (-12.2)	67600 (19810)	64500 (18900)	61400 (17990)	58300 (17090)	55200 (16180)	52200 (15300)				
	5 (-15.0)	59900 (17550)	57100 (16730)	54300 (15910)	51600 (15120)	48700 (14270)	46000 (13480)				
0 (-17.8)	52700 (15440)	50200 (14710)	47700 (13980)	45200 (13250)	42600 (12480)	40200 (11780)					
KESB121H8 Compressor Model 4TES-12	40 (4.4)	160300 (46980)	154000 (45130)	147700 (43290)	141400 (41440)	135100 (39590)	128800 (37750)				
	35 (1.7)	145800 (42730)	140000 (41030)	134200 (39330)	128300 (37600)	122500 (35900)	116800 (34230)				
	30 (-1.1)	132100 (38710)	126700 (37130)	121400 (35580)	116000 (34000)	110700 (32440)	105300 (30860)				
	25 (-3.9)	119200 (34930)	114300 (33500)	109400 (32060)	104600 (30660)	99600 (29190)	94800 (27780)				
	20 (-6.7)	107200 (31420)	102700 (30100)	98300 (28810)	93900 (27520)	89400 (26200)	84900 (24880)				
	15 (-9.4)	96000 (28130)	92000 (26960)	87900 (25760)	83900 (24590)	79800 (23390)	75800 (22210)				
	10 (-12.2)	85600 (25090)	81900 (24000)	78200 (22920)	74600 (21860)	71000 (20810)	67300 (19720)				
	5 (-15.0)	75900 (22240)	72700 (21310)	69300 (20310)	66000 (19340)	62800 (18400)	59400 (17410)				
0 (-17.8)	67000 (19640)	64100 (18790)	61100 (17910)	58200 (17060)	55100 (16150)	52200 (15300)					
KESB150H8 Compressor Model 4PES-15	40 (4.4)	179300 (52550)	172000 (50410)	164600 (48240)	157300 (46100)	150000 (43960)	142700 (41820)				
	35 (1.7)	163100 (47800)	156300 (45810)	149500 (43810)	142700 (41820)	136000 (39860)	129300 (37890)				
	30 (-1.1)	147700 (43290)	141500 (41470)	135200 (39620)	129000 (37810)	122700 (35960)	116600 (34170)				
	25 (-3.9)	133400 (39100)	127600 (37400)	121900 (35730)	116100 (34030)	110500 (32380)	104700 (30680)				
	20 (-6.7)	119800 (35110)	114600 (33590)	109300 (32030)	104100 (30510)	98900 (28980)	93700 (27460)				
	15 (-9.4)	107200 (31420)	102500 (30040)	97700 (28630)	92800 (27200)	88100 (25820)	83400 (24440)				
	10 (-12.2)	95400 (27960)	91100 (26700)	86700 (25410)	82400 (24150)	78100 (22890)	73800 (21630)				
	5 (-15.0)	84500 (24760)	80600 (23620)	76700 (22480)	72800 (21340)	68900 (20190)	65000 (19050)				
0 (-17.8)	74400 (21800)	70900 (20780)	67300 (19720)	63800 (18700)	60300 (17670)	56700 (16620)					
KESB200H8 Compressor Model 4NES-20	40 (4.4)	203500 (59640)	195300 (57240)	187100 (54830)	178900 (52430)	170600 (50000)	162400 (47590)				
	35 (1.7)	185900 (54480)	178200 (52230)	170600 (50000)	163000 (47770)	155300 (45510)	147700 (43290)				
	30 (-1.1)	169100 (49560)	161900 (47450)	154900 (45400)	147800 (43320)	140800 (41260)	133800 (39210)				
	25 (-3.9)	153100 (44870)	146600 (42960)	140100 (41060)	133600 (39150)	127200 (37280)	120600 (35340)				
	20 (-6.7)	138000 (40440)	132100 (38710)	126100 (36960)	120200 (35230)	114300 (33500)	108400 (31770)				
	15 (-9.4)	123900 (36310)	118500 (34730)	113100 (33150)	107700 (31560)	102300 (29980)	96900 (28400)				
	10 (-12.2)	110700 (32440)	105800 (31010)	100900 (29570)	96000 (28130)	91100 (26700)	86200 (25260)				
	5 (-15.0)	98400 (28840)	94000 (27550)	89600 (26260)	85100 (24940)	80600 (23620)	76200 (22330)				
0 (-17.8)	87000 (25500)	83000 (24320)	79000 (23150)	75000 (21980)	71000 (20810)	67000 (19640)					

NOTES:

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

CAPACITY DATA - R407A

LOW TEMPERATURE

60Hz

MODEL KES	SAT. SUCTION TEMPERATURE		CAPACITY BTU/H (WATTS) R407A						AMBIENT TEMPERATURE °F (°C)					
	° F	° C	85	(29.4)	90	(32.2)	95	(35.0)	100	(37.8)	105	(40.6)	110	(43.3)
KESB010L8 Compressor Model 2HES-1	0	(-17.8)	9670	(2830)	9220	(2700)	8780	(2570)	8350	(2450)	7910	(2320)	7470	(2190)
	-5	(-20.6)	8540	(2500)	8130	(2380)	7730	(2270)	7340	(2150)	6940	(2030)	6540	(1920)
	-10	(-23.3)	7490	(2200)	7120	(2090)	6760	(1980)	6410	(1880)	6040	(1770)	5690	(1670)
	-15	(-26.1)	6510	(1910)	6200	(1820)	5860	(1720)	5530	(1620)	5220	(1530)	4900	(1440)
	-20	(-28.9)	5610	(1640)	5320	(1560)	5030	(1470)	4750	(1390)	4450	(1300)	4180	(1230)
	-25	(-31.7)	4790	(1400)	4520	(1320)	4260	(1250)	4000	(1170)	3750	(1100)	3510	(1030)
	-30	(-34.4)	4030	(1180)	3790	(1110)	3560	(1040)	3330	(980)	3110	(910)	2880	(840)
	-35	(-37.2)	3320	(970)	3120	(910)	2910	(850)	2710	(790)	2510	(740)	2300	(670)
-40	(-40.0)	2680	(790)	2500	(730)	2310	(680)	2130	(620)	1950	(570)	1760	(520)	
KESB015L8 Compressor Model 2FES-2	0	(-17.8)	14600	(4280)	14000	(4100)	13300	(3900)	12600	(3690)	12000	(3520)	11300	(3310)
	-5	(-20.6)	12900	(3780)	12300	(3600)	11800	(3460)	11100	(3250)	10600	(3110)	10000	(2930)
	-10	(-23.3)	11300	(3310)	10800	(3170)	10300	(3020)	9770	(2860)	9250	(2710)	8750	(2560)
	-15	(-26.1)	9890	(2900)	9430	(2760)	8960	(2630)	8490	(2490)	8030	(2350)	7570	(2220)
	-20	(-28.9)	8570	(2510)	8150	(2390)	7730	(2270)	7320	(2150)	6900	(2020)	6490	(1900)
	-25	(-31.7)	7340	(2150)	6960	(2040)	6590	(1930)	6230	(1830)	5860	(1720)	5490	(1610)
	-30	(-34.4)	6220	(1820)	5880	(1720)	5540	(1620)	5220	(1530)	4890	(1430)	4580	(1340)
	-35	(-37.2)	5180	(1520)	4870	(1430)	4590	(1350)	4290	(1260)	4000	(1170)	3730	(1090)
-40	(-40.0)	4210	(1230)	3950	(1160)	3700	(1080)	3430	(1010)	3180	(930)	2930	(860)	
KESB020L8 Compressor Model 2EES-2	0	(-17.8)	15900	(4660)	15100	(4430)	14400	(4220)	13500	(3960)	12800	(3750)	12100	(3550)
	-5	(-20.6)	14000	(4100)	13300	(3900)	12600	(3690)	11900	(3490)	11200	(3280)	10500	(3080)
	-10	(-23.3)	12300	(3600)	11700	(3430)	10900	(3190)	10300	(3020)	9710	(2850)	9100	(2670)
	-15	(-26.1)	10600	(3110)	10000	(2930)	9470	(2780)	8900	(2610)	8340	(2440)	7790	(2280)
	-20	(-28.9)	9110	(2670)	8590	(2520)	8070	(2370)	7560	(2220)	7060	(2070)	6560	(1920)
	-25	(-31.7)	7720	(2260)	7260	(2130)	6790	(1990)	6340	(1860)	5890	(1730)	5440	(1590)
	-30	(-34.4)	6440	(1890)	6030	(1770)	5610	(1640)	5210	(1530)	4810	(1410)	4410	(1290)
	-35	(-37.2)	5260	(1540)	4890	(1430)	4530	(1330)	4170	(1220)	3800	(1110)	3450	(1010)
-40	(-40.0)	4180	(1230)	3850	(1130)	3530	(1030)	3200	(940)	2880	(840)	2570	(750)	
KESB025L8 Compressor Model 2DES-2	0	(-17.8)	19300	(5660)	18400	(5390)	17400	(5100)	16600	(4860)	15600	(4570)	14800	(4340)
	-5	(-20.6)	17000	(4980)	16200	(4750)	15300	(4480)	14600	(4280)	13800	(4040)	12900	(3780)
	-10	(-23.3)	14900	(4370)	14200	(4160)	13400	(3930)	12700	(3720)	12000	(3520)	11200	(3280)
	-15	(-26.1)	13000	(3810)	12300	(3600)	11700	(3430)	10900	(3190)	10300	(3020)	9650	(2830)
	-20	(-28.9)	11100	(3250)	10600	(3110)	9960	(2920)	9360	(2740)	8770	(2570)	8190	(2400)
	-25	(-31.7)	9500	(2780)	8970	(2630)	8430	(2470)	7900	(2320)	7370	(2160)	6860	(2010)
	-30	(-34.4)	7970	(2340)	7500	(2200)	7010	(2050)	6540	(1920)	6080	(1780)	5630	(1650)
	-35	(-37.2)	6560	(1920)	6130	(1800)	5720	(1680)	5300	(1550)	4880	(1430)	4470	(1310)
-40	(-40.0)	5280	(1550)	4890	(1430)	4520	(1320)	4150	(1220)	3780	(1110)	3410	(1000)	
KESB030L8 Compressor Model 2CES-3	0	(-17.8)	25200	(7390)	24000	(7030)	22900	(6710)	21800	(6390)	20700	(6070)	19600	(5740)
	-5	(-20.6)	22200	(6510)	21200	(6210)	20200	(5920)	19100	(5600)	18200	(5330)	17200	(5040)
	-10	(-23.3)	19400	(5690)	18600	(5450)	17600	(5160)	16700	(4890)	15900	(4660)	14900	(4370)
	-15	(-26.1)	16900	(4950)	16200	(4750)	15300	(4480)	14500	(4250)	13800	(4040)	12900	(3780)
	-20	(-28.9)	14600	(4280)	13900	(4070)	13100	(3840)	12500	(3660)	11800	(3460)	11000	(3220)
	-25	(-31.7)	12500	(3660)	11900	(3490)	11200	(3280)	10600	(3110)	9950	(2920)	9330	(2730)
	-30	(-34.4)	10600	(3110)	10000	(2930)	9430	(2760)	8860	(2600)	8310	(2440)	7770	(2280)
	-35	(-37.2)	8780	(2570)	8270	(2420)	7780	(2280)	7290	(2140)	6790	(1990)	6310	(1850)
-40	(-40.0)	7150	(2100)	6710	(1970)	6270	(1840)	5830	(1710)	5390	(1580)	4970	(1460)	
KESB031L8 Compressor Model 4FES-3	0	(-17.8)	25900	(7590)	24700	(7240)	23400	(6860)	22200	(6510)	20900	(6130)	19600	(5740)
	-5	(-20.6)	22800	(6680)	21600	(6330)	20500	(6010)	19300	(5660)	18200	(5330)	17000	(4980)
	-10	(-23.3)	19800	(5800)	18800	(5510)	17700	(5190)	16700	(4890)	15600	(4570)	14700	(4310)
	-15	(-26.1)	17100	(5010)	16200	(4750)	15200	(4450)	14300	(4190)	13400	(3930)	12500	(3660)
	-20	(-28.9)	14700	(4310)	13800	(4040)	12900	(3780)	12200	(3580)	11300	(3310)	10500	(3080)
	-25	(-31.7)	12400	(3630)	11700	(3430)	10900	(3190)	10100	(2960)	9420	(2760)	8700	(2550)
	-30	(-34.4)	10300	(3020)	9630	(2820)	8970	(2630)	8320	(2440)	7670	(2250)	7040	(2060)
	-35	(-37.2)	8410	(2460)	7810	(2290)	7210	(2110)	6640	(1950)	6070	(1780)	5510	(1610)
-40	(-40.0)	6680	(1960)	6140	(1800)	5630	(1650)	5110	(1500)	4600	(1350)	4120	(1210)	

NOTES:

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

table continues on next page >>>

CAPACITY DATA - **R407A**

LOW TEMPERATURE (cont'd)

60Hz

MODEL KES	SAT. SUCTION TEMPERATURE		CAPACITY BTU/H (WATTS) R407A						AMBIENT TEMPERATURE °F (°C)	
	° F	° C	85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)		
KESB039L8 Compressor Model 4EES-4	0	(-17.8)	33200 (9730)	31600 (9260)	30000 (8790)	28500 (8350)	26900 (7880)	25300 (7410)		
	-5	(-20.6)	29200 (8560)	27700 (8120)	26300 (7710)	24900 (7300)	23400 (6860)	22100 (6480)		
	-10	(-23.3)	25500 (7470)	24200 (7090)	22900 (6710)	21600 (6330)	20400 (5980)	19100 (5600)		
	-15	(-26.1)	22100 (6480)	20900 (6130)	19700 (5770)	18600 (5450)	17400 (5100)	16400 (4810)		
	-20	(-28.9)	18900 (5540)	17900 (5250)	16800 (4920)	15900 (4660)	14800 (4340)	13900 (4070)		
	-25	(-31.7)	16100 (4720)	15100 (4430)	14200 (4160)	13300 (3900)	12400 (3630)	11600 (3400)		
	-30	(-34.4)	13400 (3930)	12600 (3690)	11800 (3460)	11000 (3220)	10200 (2990)	9410 (2760)		
	-35	(-37.2)	11000 (3220)	10300 (3020)	9580 (2810)	8860 (2600)	8150 (2390)	7470 (2190)		
KESB050L8 Compressor Model 4DES-5	-40	(-40.0)	8850 (2590)	8190 (2400)	7550 (2210)	6910 (2030)	6290 (1840)	5680 (1660)		
	0	(-17.8)	40800 (11960)	39000 (11430)	37100 (10870)	35200 (10320)	33300 (9760)	31500 (9230)		
	-5	(-20.6)	35900 (10520)	34100 (9990)	32400 (9500)	30800 (9030)	29100 (8530)	27500 (8060)		
	-10	(-23.3)	31400 (9200)	29800 (8730)	28200 (8260)	26800 (7850)	25300 (7410)	23800 (6980)		
	-15	(-26.1)	27200 (7970)	25800 (7560)	24500 (7180)	23100 (6770)	21700 (6360)	20500 (6010)		
	-20	(-28.9)	23400 (6860)	22200 (6510)	20900 (6130)	19700 (5770)	18500 (5420)	17300 (5070)		
	-25	(-31.7)	20000 (5860)	18800 (5510)	17700 (5190)	16700 (4890)	15500 (4540)	14600 (4280)		
	-30	(-34.4)	16700 (4890)	15800 (4630)	14800 (4340)	13900 (4070)	12900 (3780)	12000 (3520)		
KESB060L8 Compressor Model 4CES-6	-35	(-37.2)	13900 (4070)	12900 (3780)	12100 (3550)	11200 (3280)	10400 (3050)	9630 (2820)		
	-40	(-40.0)	11100 (3250)	10400 (3050)	9640 (2830)	8900 (2610)	8170 (2390)	7460 (2190)		
	0	(-17.8)	49200 (14420)	47000 (13770)	44800 (13130)	42600 (12480)	40500 (11870)	38300 (11220)		
	-5	(-20.6)	43600 (12780)	41500 (12160)	39500 (11580)	37600 (11020)	35600 (10430)	33700 (9880)		
	-10	(-23.3)	38200 (11200)	36400 (10670)	34700 (10170)	32900 (9640)	31200 (9140)	29400 (8620)		
	-15	(-26.1)	33400 (9790)	31700 (9290)	30100 (8820)	28600 (8380)	27000 (7910)	25500 (7470)		
	-20	(-28.9)	28900 (8470)	27400 (8030)	26000 (7620)	24600 (7210)	23200 (6800)	21800 (6390)		
	-25	(-31.7)	24800 (7270)	23400 (6860)	22200 (6510)	21000 (6150)	19700 (5770)	18500 (5420)		
KESB080L8 Compressor Model 4TES-9	-30	(-34.4)	21000 (6150)	19800 (5800)	18700 (5480)	17600 (5160)	16500 (4840)	15400 (4510)		
	-35	(-37.2)	17500 (5130)	16500 (4840)	15500 (4540)	14600 (4280)	13500 (3960)	12700 (3720)		
	-40	(-40.0)	14300 (4190)	13400 (3930)	12600 (3690)	11800 (3460)	10900 (3190)	10100 (2960)		
	0	(-17.8)	63500 (18610)	60600 (17760)	57600 (16880)	54700 (16030)	51800 (15180)	48900 (14330)		
	-5	(-20.6)	55900 (16380)	53200 (15590)	50500 (14800)	48000 (14070)	45400 (13310)	42700 (12510)		
	-10	(-23.3)	48800 (14300)	46400 (13600)	44000 (12900)	41700 (12220)	39400 (11550)	37100 (10870)		
	-15	(-26.1)	42200 (12370)	40100 (11750)	38000 (11140)	35900 (10520)	33800 (9910)	31700 (9290)		
	-20	(-28.9)	36200 (10610)	34300 (10050)	32400 (9500)	30600 (8970)	28700 (8410)	26900 (7880)		
KESB100L8 Compressor Model 4PES-12	-25	(-31.7)	30700 (9000)	29000 (8500)	27300 (8000)	25600 (7500)	23900 (7000)	22400 (6560)		
	-30	(-34.4)	25600 (7500)	24000 (7030)	22600 (6620)	21100 (6180)	19600 (5740)	18200 (5330)		
	-35	(-37.2)	20900 (6130)	19500 (5710)	18200 (5330)	16800 (4920)	15500 (4540)	14200 (4160)		
	-40	(-40.0)	16500 (4840)	15200 (4450)	14100 (4130)	12800 (3750)	11700 (3430)	10500 (3080)		
	0	(-17.8)	69900 (20490)	66500 (19490)	63000 (18460)	59500 (17440)	56200 (16470)	52800 (15470)		
	-5	(-20.6)	61300 (17970)	58200 (17060)	55000 (16120)	52000 (15240)	48800 (14300)	45800 (13420)		
	-10	(-23.3)	53300 (15620)	50500 (14800)	47700 (13980)	44800 (13130)	42100 (12340)	39400 (11550)		
	-15	(-26.1)	46000 (13480)	43500 (12750)	40800 (11960)	38300 (11220)	35900 (10520)	33500 (9820)		
KESB120L8 Compressor Model 4NES-14	-20	(-28.9)	39200 (11490)	36900 (10810)	34500 (10110)	32300 (9470)	30100 (8820)	27900 (8180)		
	-25	(-31.7)	32900 (9640)	30900 (9060)	28800 (8440)	26800 (7850)	24800 (7270)	22900 (6710)		
	-30	(-34.4)	27100 (7940)	25200 (7390)	23400 (6860)	21600 (6330)	19800 (5800)	18100 (5300)		
	-35	(-37.2)	21700 (6360)	20100 (5890)	18500 (5420)	16800 (4920)	15200 (4450)	13700 (4020)		
	-40	(-40.0)	16800 (4920)	15200 (4450)	13800 (4040)	12400 (3630)	10900 (3190)	9530 (2790)		
	0	(-17.8)	81300 (23830)	77400 (22680)	73500 (21540)	69700 (20430)	65800 (19280)	62100 (18200)		
	-5	(-20.6)	71700 (21010)	68100 (19960)	64700 (18960)	61200 (17940)	57800 (16940)	54400 (15940)		
	-10	(-23.3)	62800 (18400)	59500 (17440)	56400 (16530)	53300 (15620)	50200 (14710)	47100 (13800)		
KESB120L8 Compressor Model 4NES-14	-15	(-26.1)	54500 (15970)	51600 (15120)	48700 (14270)	46000 (13480)	43200 (12660)	40400 (11840)		
	-20	(-28.9)	46700 (13690)	44200 (12950)	41700 (12220)	39200 (11490)	36600 (10730)	34200 (10020)		
	-25	(-31.7)	39600 (11610)	37300 (10930)	35100 (10290)	32800 (9610)	30600 (8970)	28500 (8350)		
	-30	(-34.4)	33000 (9670)	30900 (9060)	28900 (8470)	26900 (7880)	24900 (7300)	23000 (6740)		
	-35	(-37.2)	26800 (7850)	25000 (7330)	23200 (6800)	21400 (6270)	19600 (5740)	18000 (5280)		
	-40	(-40.0)	21100 (6180)	19400 (5690)	17900 (5250)	16200 (4750)	14600 (4280)	13100 (3840)		

NOTES:

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

CAPACITY DATA - **R448A**

HIGH / MEDIUM TEMPERATURE

60Hz

MODEL KES	SATURATED SUCTION TEMPERATURE ° F ° C		CAPACITY BTU/H (WATTS) R448A AMBIENT TEMPERATURE °F (°C)							
			85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)		
KESB010H8 Compressor Model 2KES-05	40 (4.4)		14000 (4100)	13300 (3900)	12700 (3720)	12000 (3520)	11300 (3310)	10600 (3110)		
	35 (1.7)		12700 (3720)	12100 (3550)	11400 (3340)	10900 (3190)	10300 (3020)	9640 (2830)		
	30 (-1.1)		11600 (3400)	10900 (3190)	10400 (3050)	9810 (2880)	9240 (2710)	8670 (2540)		
	25 (-3.9)		10400 (3050)	9840 (2880)	9320 (2730)	8800 (2580)	8280 (2430)	7780 (2280)		
	20 (-6.7)		9270 (2720)	8810 (2580)	8350 (2450)	7880 (2310)	7400 (2170)	6930 (2030)		
	15 (-9.4)		8260 (2420)	7840 (2300)	7410 (2170)	6990 (2050)	6560 (1920)	6130 (1800)		
	10 (-12.2)		7330 (2150)	6940 (2030)	6550 (1920)	6170 (1810)	5790 (1700)	5400 (1580)		
	5 (-15.0)		6450 (1890)	6100 (1790)	5750 (1690)	5410 (1590)	5060 (1480)	4710 (1380)		
	0 (-17.8)		5640 (1650)	5320 (1560)	5010 (1470)	4700 (1380)	4390 (1290)	4080 (1200)		
KESB015H8 Compressor Model 2JES-07	40 (4.4)		19100 (5600)	18300 (5360)	17400 (5100)	16500 (4840)	15600 (4570)	14800 (4340)		
	35 (1.7)		17300 (5070)	16600 (4860)	15800 (4630)	15000 (4400)	14200 (4160)	13300 (3900)		
	30 (-1.1)		15800 (4630)	15000 (4400)	14300 (4190)	13500 (3960)	12800 (3750)	12100 (3550)		
	25 (-3.9)		14200 (4160)	13400 (3930)	12800 (3750)	12200 (3580)	11400 (3340)	10800 (3170)		
	20 (-6.7)		12700 (3720)	12100 (3550)	11400 (3340)	10800 (3170)	10300 (3020)	9650 (2830)		
	15 (-9.4)		11300 (3310)	10800 (3170)	10200 (2990)	9670 (2830)	9120 (2670)	8570 (2510)		
	10 (-12.2)		10000 (2930)	9540 (2800)	9060 (2660)	8570 (2510)	8060 (2360)	7570 (2220)		
	5 (-15.0)		8850 (2590)	8420 (2470)	7980 (2340)	7540 (2210)	7090 (2080)	6640 (1950)		
	0 (-17.8)		7770 (2280)	7380 (2160)	6980 (2050)	6580 (1930)	6200 (1820)	5790 (1700)		
KESB020H8 Compressor Model 2HES-2	40 (4.4)		23100 (6770)	22100 (6480)	21000 (6150)	20000 (5860)	18900 (5540)	---		
	35 (1.7)		21100 (6180)	20100 (5890)	19100 (5600)	18200 (5330)	17200 (5040)	16300 (4780)		
	30 (-1.1)		19100 (5600)	18300 (5360)	17300 (5070)	16500 (4840)	15500 (4540)	14700 (4310)		
	25 (-3.9)		17300 (5070)	16500 (4840)	15600 (4570)	14900 (4370)	14100 (4130)	13200 (3870)		
	20 (-6.7)		15500 (4540)	14800 (4340)	14100 (4130)	13300 (3900)	12600 (3690)	11900 (3490)		
	15 (-9.4)		14000 (4100)	13300 (3900)	12600 (3690)	12000 (3520)	11300 (3310)	10600 (3110)		
	10 (-12.2)		12400 (3630)	11900 (3490)	11200 (3280)	10600 (3110)	10000 (2930)	9420 (2760)		
	5 (-15.0)		11000 (3220)	10500 (3080)	9950 (2920)	9420 (2760)	8860 (2600)	8320 (2440)		
	0 (-17.8)		9710 (2850)	9230 (2710)	8750 (2560)	8260 (2420)	7780 (2280)	7290 (2140)		
KESB025H8 Compressor Model 2GES-2	40 (4.4)		27500 (8060)	26300 (7710)	25000 (7330)	23800 (6980)	22600 (6620)	---		
	35 (1.7)		25000 (7330)	23900 (7000)	22800 (6680)	21600 (6330)	20500 (6010)	19300 (5660)		
	30 (-1.1)		22800 (6680)	21700 (6360)	20700 (6070)	19600 (5740)	18600 (5450)	17500 (5130)		
	25 (-3.9)		20600 (6040)	19600 (5740)	18700 (5480)	17700 (5190)	16800 (4920)	15900 (4660)		
	20 (-6.7)		18500 (5420)	17600 (5160)	16800 (4920)	16000 (4690)	15100 (4430)	14200 (4160)		
	15 (-9.4)		16600 (4860)	15900 (4660)	15000 (4400)	14300 (4190)	13400 (3930)	12700 (3720)		
	10 (-12.2)		14800 (4340)	14100 (4130)	13400 (3930)	12700 (3720)	12000 (3520)	11200 (3280)		
	5 (-15.0)		13100 (3840)	12500 (3660)	11900 (3490)	11200 (3280)	10600 (3110)	9950 (2920)		
	0 (-17.8)		11600 (3400)	11000 (3220)	10500 (3080)	9880 (2900)	9300 (2730)	8730 (2560)		

NOTES:

- Above ratings are based on mean temperature.
- To convert to dew point ratings, use 0.95 multiplier.
- Shaded Area Restriction: 20°F Max Superheat
- For R449A, use R448A data.

table continues on next page >>>

CAPACITY DATA - **R448A**

HIGH / MEDIUM TEMPERATURE (cont'd)

MODEL KES	SATURATED SUCTION TEMPERATURE		CAPACITY BTU/H (WATTS) R448A						AMBIENT TEMPERATURE °F (°C)	
	° F	° C	85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)		
KESB029H8 Compressor Model 2FES-3	40 (4.4)		36300 (10640)	34900 (10230)	33300 (9760)	31600 (9260)	30000 (8790)	28500 (8350)		
	35 (1.7)		33100 (9700)	31600 (9260)	30100 (8820)	28700 (8410)	27300 (8000)	25800 (7560)		
	30 (-1.1)		29900 (8760)	28600 (8380)	27300 (8000)	25900 (7590)	24600 (7210)	23300 (6830)		
	25 (-3.9)		27000 (7910)	25800 (7560)	24600 (7210)	23400 (6860)	22200 (6510)	20900 (6130)		
	20 (-6.7)		24300 (7120)	23200 (6800)	22100 (6480)	21000 (6150)	19800 (5800)	18800 (5510)		
	15 (-9.4)		21600 (6330)	20700 (6070)	19700 (5770)	18700 (5480)	17700 (5190)	16700 (4890)		
	10 (-12.2)		19300 (5660)	18400 (5390)	17500 (5130)	16600 (4860)	15800 (4630)	14800 (4340)		
	5 (-15.0)		17100 (5010)	16300 (4780)	15500 (4540)	14700 (4310)	13900 (4070)	13100 (3840)		
	0 (-17.8)		15000 (4400)	14300 (4190)	13700 (4020)	12900 (3780)	12200 (3580)	11400 (3340)		
KESB030H8 Compressor Model 2EES-3	40 (4.4)		43700 (12810)	42000 (12310)	40300 (11810)	38500 (11280)	36900 (10810)	---	---	
	35 (1.7)		39800 (11660)	38200 (11200)	36600 (10730)	35100 (10290)	33500 (9820)	31900 (9350)		
	30 (-1.1)		36100 (10580)	34700 (10170)	33200 (9730)	31700 (9290)	30200 (8850)	28800 (8440)		
	25 (-3.9)		32700 (9580)	31300 (9170)	29900 (8760)	28600 (8380)	27300 (8000)	25900 (7590)		
	20 (-6.7)		29400 (8620)	28100 (8240)	26900 (7880)	25700 (7530)	24500 (7180)	23200 (6800)		
	15 (-9.4)		26400 (7740)	25200 (7390)	24200 (7090)	23000 (6740)	21800 (6390)	20800 (6100)		
	10 (-12.2)		23500 (6890)	22500 (6590)	21500 (6300)	20500 (6010)	19400 (5690)	18500 (5420)		
	5 (-15.0)		20900 (6130)	20000 (5860)	19000 (5570)	18200 (5330)	17200 (5040)	16300 (4780)		
	0 (-17.8)		18500 (5420)	17600 (5160)	16800 (4920)	16000 (4690)	15100 (4430)	14300 (4190)		
KESB035H8 Compressor Model 2DES-3	40 (4.4)		52700 (15440)	50600 (14830)	48600 (14240)	46600 (13660)	44500 (13040)	42500 (12460)		
	35 (1.7)		47900 (14040)	46100 (13510)	44200 (12950)	42300 (12400)	40400 (11840)	38500 (11280)		
	30 (-1.1)		43500 (12750)	41800 (12250)	40000 (11720)	38300 (11220)	36500 (10700)	34900 (10230)		
	25 (-3.9)		39300 (11520)	37700 (11050)	36100 (10580)	34500 (10110)	33000 (9670)	31400 (9200)		
	20 (-6.7)		35400 (10370)	33900 (9940)	32400 (9500)	31000 (9090)	29600 (8670)	28100 (8240)		
	15 (-9.4)		31700 (9290)	30500 (8940)	29100 (8530)	27700 (8120)	26500 (7770)	25100 (7360)		
	10 (-12.2)		28400 (8320)	27200 (7970)	25900 (7590)	24800 (7270)	23500 (6890)	22400 (6560)		
	5 (-15.0)		25200 (7390)	24200 (7090)	23100 (6770)	21900 (6420)	20900 (6130)	19700 (5770)		
	0 (-17.8)		22400 (6560)	21300 (6240)	20400 (5980)	19400 (5690)	18400 (5390)	17400 (5100)		
KESB040H8 Compressor Model 2CES-4	40 (4.4)		62100 (18200)	59700 (17500)	57300 (16790)	54900 (16090)	52600 (15420)	---	---	
	35 (1.7)		56700 (16620)	54500 (15970)	52300 (15330)	50100 (14680)	47900 (14040)	45700 (13390)		
	30 (-1.1)		51700 (15150)	49600 (14540)	47600 (13950)	45500 (13330)	43500 (12750)	41500 (12160)		
	25 (-3.9)		46800 (13720)	44900 (13160)	43100 (12630)	41200 (12070)	39300 (11520)	37500 (10990)		
	20 (-6.7)		42300 (12400)	40600 (11900)	38900 (11400)	37200 (10900)	35500 (10400)	33700 (9880)		
	15 (-9.4)		38100 (11170)	36500 (10700)	35000 (10260)	33400 (9790)	31800 (9320)	30200 (8850)		
	10 (-12.2)		34100 (9990)	32800 (9610)	31300 (9170)	29800 (8730)	28500 (8350)	27000 (7910)		
	5 (-15.0)		30500 (8940)	29200 (8560)	27900 (8180)	26600 (7800)	25300 (7410)	24000 (7030)		
	0 (-17.8)		27100 (7940)	25900 (7590)	24800 (7270)	23600 (6920)	22500 (6590)	21300 (6240)		
KESB050H8 Compressor Model 4FES-5	40 (4.4)		71600 (20980)	68900 (20190)	66000 (19340)	63300 (18550)	60600 (17760)	57900 (16970)		
	35 (1.7)		65100 (19080)	62600 (18350)	60100 (17610)	57500 (16850)	55000 (16120)	52400 (15360)		
	30 (-1.1)		59000 (17290)	56700 (16620)	54400 (15940)	52100 (15270)	49700 (14570)	47400 (13890)		
	25 (-3.9)		53300 (15620)	51200 (15010)	49000 (14360)	46900 (13740)	44700 (13100)	42600 (12480)		
	20 (-6.7)		48100 (14100)	46100 (13510)	44100 (12920)	42200 (12370)	40200 (11780)	38200 (11200)		
	15 (-9.4)		43200 (12660)	41400 (12130)	39500 (11580)	37700 (11050)	36000 (10550)	34200 (10020)		
	10 (-12.2)		38500 (11280)	36900 (10810)	35300 (10350)	33700 (9880)	32000 (9380)	30500 (8940)		
	5 (-15.0)		34300 (10050)	32900 (9640)	31400 (9200)	29900 (8760)	28500 (8350)	27000 (7910)		
	0 (-17.8)		30300 (8880)	29100 (8530)	27700 (8120)	26500 (7770)	25100 (7360)	23800 (6980)		

NOTES:

- Above ratings are based on mean temperature.
- To convert to dew point ratings, use 0.95 multiplier.
- Shaded Area Restriction: 20°F Max Superheat
- For R449A, use R448A data.

table continues on next page >>>

CAPACITY DATA - **R448A**

HIGH / MEDIUM TEMPERATURE (cont'd)

60Hz

MODEL KES	SATURATED SUCTION TEMPERATURE		CAPACITY BTU/H (WATTS) R448A AMBIENT TEMPERATURE °F (°C)									
	° F	° C	85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)				
KESB060H8 Compressor Model 4EES-6	40 (4.4)		85800 (25150)	82400 (24150)	79100 (23180)	75700 (22190)	72500 (21250)	---	---			
	35 (1.7)		78300 (22950)	75200 (22040)	72100 (21130)	69000 (20220)	65800 (19280)	62800 (18400)				
	30 (-1.1)		71200 (20870)	68400 (20050)	65500 (19200)	62600 (18350)	59700 (17500)	56800 (16650)				
	25 (-3.9)		64600 (18930)	61800 (18110)	59200 (17350)	56600 (16590)	54000 (15830)	51200 (15010)				
	20 (-6.7)		58300 (17090)	55900 (16380)	53300 (15620)	50900 (14920)	48500 (14210)	46100 (13510)				
	15 (-9.4)		52400 (15360)	50100 (14680)	47900 (14040)	45700 (13390)	43500 (12750)	41300 (12100)				
	10 (-12.2)		46800 (13720)	44800 (13130)	42800 (12540)	40800 (11960)	38900 (11400)	36900 (10810)				
	5 (-15.0)		41800 (12250)	39900 (11690)	38100 (11170)	36300 (10640)	34400 (10080)	32700 (9580)				
	0 (-17.8)		37100 (10870)	35400 (10370)	33800 (9910)	32100 (9410)	30500 (8940)	28900 (8470)				
KESB076H8 Compressor Model 4DES-7	40 (4.4)		105800 (31010)	101700 (29810)	97800 (28660)	93700 (27460)	89600 (26260)	85500 (25060)				
	35 (1.7)		96300 (28220)	92500 (27110)	88700 (26000)	84900 (24880)	81200 (23800)	77400 (22680)				
	30 (-1.1)		87300 (25590)	83800 (24560)	80300 (23530)	76800 (22510)	73300 (21480)	69800 (20460)				
	25 (-3.9)		78900 (23120)	75600 (22160)	72500 (21250)	69200 (20280)	66000 (19340)	62800 (18400)				
	20 (-6.7)		70900 (20780)	67900 (19900)	65100 (19080)	62200 (18230)	59200 (17350)	56300 (16500)				
	15 (-9.4)		63600 (18640)	60900 (17850)	58300 (17090)	55500 (16270)	52900 (15500)	50300 (14740)				
	10 (-12.2)		56800 (16650)	54400 (15940)	51900 (15210)	49600 (14540)	47100 (13800)	44700 (13100)				
	5 (-15.0)		50500 (14800)	48300 (14160)	46100 (13510)	43900 (12870)	41700 (12220)	39600 (11610)				
	0 (-17.8)		44600 (13070)	42700 (12510)	40700 (11930)	38700 (11340)	36800 (10780)	34900 (10230)				
KESB090H8 Compressor Model 4CES-9	40 (4.4)		124700 (36550)	119900 (35140)	115100 (33730)	110300 (32330)	105500 (30920)	---	---			
	35 (1.7)		113800 (33350)	109400 (32060)	104900 (30740)	100500 (29450)	96100 (28160)	91600 (26850)				
	30 (-1.1)		103500 (30330)	99400 (29130)	95300 (27930)	91200 (26730)	87200 (25560)	83100 (24350)				
	25 (-3.9)		93900 (27520)	90100 (26410)	86300 (25290)	82500 (24180)	78800 (23090)	75000 (21980)				
	20 (-6.7)		84700 (24820)	81300 (23830)	77900 (22830)	74400 (21800)	71000 (20810)	67500 (19780)				
	15 (-9.4)		76200 (22330)	73100 (21420)	69900 (20490)	66800 (19580)	63600 (18640)	60600 (17760)				
	10 (-12.2)		68400 (20050)	65500 (19200)	62600 (18350)	59700 (17500)	56900 (16680)	54100 (15860)				
	5 (-15.0)		61000 (17880)	58400 (17120)	55900 (16380)	53200 (15590)	50700 (14860)	48100 (14100)				
	0 (-17.8)		54200 (15880)	51900 (15210)	49600 (14540)	47300 (13860)	44900 (13160)	42600 (12480)				
KESB100H8 Compressor Model 4VES-10	40 (4.4)		130100 (38130)	124700 (36550)	119400 (34990)	114100 (33440)	108800 (31890)	---	---			
	35 (1.7)		118500 (34730)	113600 (33290)	108700 (31860)	103700 (30390)	98800 (28960)	93900 (27520)				
	30 (-1.1)		107600 (31530)	103000 (30190)	98500 (28870)	93900 (27520)	89400 (26200)	84800 (24850)				
	25 (-3.9)		97200 (28490)	93000 (27260)	88800 (26020)	84600 (24790)	80500 (23590)	76300 (22360)				
	20 (-6.7)		87600 (25670)	83700 (24530)	79800 (23390)	76000 (22270)	72200 (21160)	68400 (20050)				
	15 (-9.4)		78400 (22980)	75000 (21980)	71400 (20930)	67900 (19900)	64500 (18900)	61000 (17880)				
	10 (-12.2)		70000 (20510)	66800 (19580)	63600 (18640)	60500 (17730)	57300 (16790)	54200 (15880)				
	5 (-15.0)		62200 (18230)	59200 (17350)	56400 (16530)	53600 (15710)	50700 (14860)	47900 (14040)				
	0 (-17.8)		54900 (16090)	52300 (15330)	49700 (14570)	47100 (13800)	44600 (13070)	42000 (12310)				
KESB121H8 Compressor Model 4TES-12	40 (4.4)		164700 (48270)	158200 (46360)	151600 (44430)	145100 (42520)	138600 (40620)	132100 (38710)				
	35 (1.7)		149700 (43870)	143600 (42080)	137600 (40330)	131600 (38570)	125600 (36810)	119600 (35050)				
	30 (-1.1)		135600 (39740)	130000 (38100)	124400 (36460)	118900 (34850)	113400 (33230)	107800 (31590)				
	25 (-3.9)		122300 (35840)	117200 (34350)	112100 (32850)	107100 (31390)	102000 (29890)	97000 (28430)				
	20 (-6.7)		109900 (32210)	105300 (30860)	100700 (29510)	96100 (28160)	91500 (26820)	86800 (25440)				
	15 (-9.4)		98400 (28840)	94200 (27610)	90000 (26380)	85800 (25150)	81700 (23940)	77500 (22710)				
	10 (-12.2)		87800 (25730)	84000 (24620)	80100 (23470)	76300 (22360)	72600 (21280)	68900 (20190)				
	5 (-15.0)		77900 (22830)	74400 (21800)	71100 (20840)	67600 (19810)	64300 (18840)	60900 (17850)				
	0 (-17.8)		68900 (20190)	65700 (19250)	62700 (18380)	59600 (17470)	56600 (16590)	53600 (15710)				
KESB150H8 Compressor Model 4PES-15	40 (4.4)		183900 (53900)	176300 (51670)	168600 (49410)	161100 (47210)	153500 (44990)	146000 (42790)				
	35 (1.7)		167200 (49000)	160100 (46920)	153100 (44870)	146100 (42820)	139000 (40740)	132000 (38690)				
	30 (-1.1)		151400 (44370)	144900 (42470)	138400 (40560)	131900 (38660)	125400 (36750)	119000 (34880)				
	25 (-3.9)		136500 (40000)	130500 (38250)	124500 (36490)	118700 (34790)	112700 (33030)	106800 (31300)				
	20 (-6.7)		122600 (35930)	117200 (34350)	111700 (32740)	106300 (31150)	100800 (29540)	95400 (27960)				
	15 (-9.4)		109600 (32120)	104700 (30680)	99600 (29190)	94700 (27750)	89800 (26320)	84900 (24880)				
	10 (-12.2)		97700 (28630)	93100 (27280)	88600 (25970)	84100 (24650)	79600 (23330)	75200 (22040)				
	5 (-15.0)		86500 (25350)	82400 (24150)	78300 (22950)	74200 (21750)	70200 (20570)	66300 (19430)				
	0 (-17.8)		76200 (22330)	72600 (21280)	68900 (20190)	65200 (19110)	61500 (18020)	58000 (17000)				
KESB200H8 Compressor Model 4NES-20	40 (4.4)		210200 (61600)	201700 (59110)	193300 (56650)	184900 (54190)	---	---	---			
	35 (1.7)		192000 (56270)	184200 (53980)	176300 (51670)	168500 (49380)	160700 (47100)	---	---			
	30 (-1.1)		174700 (51200)	167500 (49090)	160200 (46950)	153000 (44840)	145700 (42700)	138500 (40590)				
	25 (-3.9)		158300 (46390)	151600 (44430)	144900 (42470)	138300 (40530)	131700 (38600)	125100 (36660)				
	20 (-6.7)		142800 (41850)	136700 (40060)	130600 (38270)	124500 (36490)	118500 (34730)	112500 (32970)				
	15 (-9.4)		128300 (37600)	122700 (35960)	117300 (34380)	111700 (32740)	106200 (31120)	100700 (29510)				
	10 (-12.2)		114900 (33670)	109800 (32180)	104800 (30710)	99800 (29250)	94800 (27780)	89800 (26320)				
	5 (-15.0)		102300 (29980)	97800 (28660)	93200 (27310)	88700 (26000)	84200 (24680)	79700 (23360)				
	0 (-17.8)		90600 (26550)	86500 (25350)	82500 (24180)	78400 (22980)	74400 (21800)	70400 (20630)				

NOTES:

- Above ratings are based on mean temperature.
- To convert to dew point ratings, use 0.95 multiplier.
- Shaded Area Restriction: 20°F Max Superheat
- For R449A, use R448A data.

table continues on next page >>>

MODEL KES	SAT. SUCTION TEMPERATURE		CAPACITY BTU/H (WATTS) R448A						AMBIENT TEMPERATURE °F (°C)	
	° F	° C	85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)		
KESB010L8 Compressor Model 2HES-1	0	(-17.8)	9050 (2650)	8580 (2510)	8100 (2370)	7610 (2230)	7130 (2090)	6640 (1950)		
	-5	(-20.6)	7950 (2330)	7530 (2210)	7100 (2080)	6660 (1950)	6230 (1830)	5780 (1690)		
	-10	(-23.3)	6930 (2030)	6540 (1920)	6160 (1810)	5780 (1690)	5370 (1570)	4970 (1460)		
	-15	(-26.1)	5990 (1760)	5650 (1660)	5290 (1550)	4940 (1450)	4590 (1350)	4220 (1240)		
	-20	(-28.9)	5110 (1500)	4810 (1410)	4490 (1320)	4180 (1230)	3850 (1130)	3530 (1030)		
	-25	(-31.7)	4310 (1260)	4030 (1180)	3760 (1100)	3470 (1020)	3180 (930)	2880 (840)		
	-30	(-34.4)	3570 (1050)	3320 (970)	3080 (900)	2810 (820)	2550 (750)	2280 (670)		
	-35	(-37.2)	2880 (840)	2670 (780)	2450 (720)	2220 (650)	1970 (580)	1720 (500)		
KESB015L8 Compressor Model 2FES-2	-40	(-40.0)	2260 (660)	2070 (610)	1860 (550)	1660 (490)	1440 (420)	1210 (350)		
	0	(-17.8)	13700 (4020)	13000 (3810)	12300 (3600)	11600 (3400)	10800 (3170)	10100 (2960)		
	-5	(-20.6)	12100 (3550)	11400 (3340)	10800 (3170)	10100 (2960)	9480 (2780)	8810 (2580)		
	-10	(-23.3)	10500 (3080)	9950 (2920)	9390 (2750)	8800 (2580)	8210 (2410)	7610 (2230)		
	-15	(-26.1)	9090 (2660)	8590 (2520)	8090 (2370)	7560 (2220)	7040 (2060)	6490 (1900)		
	-20	(-28.9)	7790 (2280)	7350 (2150)	6890 (2020)	6420 (1880)	5940 (1740)	5450 (1600)		
	-25	(-31.7)	6580 (1930)	6200 (1820)	5790 (1700)	5370 (1570)	4920 (1440)	4480 (1310)		
	-30	(-34.4)	5480 (1610)	5130 (1500)	4770 (1400)	4380 (1280)	3990 (1170)	3590 (1050)		
KESB020L8 Compressor Model 2EES-2	-35	(-37.2)	4460 (1310)	4160 (1220)	3820 (1120)	3490 (1020)	3130 (920)	2750 (810)		
	-40	(-40.0)	3540 (1040)	3260 (960)	2960 (870)	2650 (780)	2310 (680)	1970 (580)		
	0	(-17.8)	16600 (4860)	15900 (4660)	15000 (4400)	14300 (4190)	13400 (3930)	12700 (3720)		
	-5	(-20.6)	14700 (4310)	14000 (4100)	13200 (3870)	12500 (3660)	11900 (3490)	11100 (3250)		
	-10	(-23.3)	12900 (3780)	12300 (3600)	11700 (3430)	10900 (3190)	10300 (3020)	9670 (2830)		
	-15	(-26.1)	11200 (3280)	10600 (3110)	10100 (2960)	9490 (2780)	8910 (2610)	8330 (2440)		
	-20	(-28.9)	9710 (2850)	9180 (2690)	8650 (2540)	8130 (2380)	7600 (2230)	7080 (2070)		
	-25	(-31.7)	8280 (2430)	7820 (2290)	7340 (2150)	6870 (2010)	6390 (1870)	5920 (1730)		
KESB025L8 Compressor Model 2DES-2	-30	(-34.4)	6980 (2050)	6550 (1920)	6120 (1790)	5700 (1670)	5280 (1550)	4850 (1420)		
	-35	(-37.2)	5780 (1690)	5390 (1580)	5000 (1470)	4630 (1360)	4240 (1240)	3860 (1130)		
	-40	(-40.0)	4660 (1370)	4310 (1260)	3960 (1160)	3620 (1060)	3280 (960)	2930 (860)		
	0	(-17.8)	20100 (5890)	19200 (5630)	18300 (5360)	17300 (5070)	16400 (4810)	15400 (4510)		
	-5	(-20.6)	17900 (5250)	17000 (4980)	16200 (4750)	15300 (4480)	14500 (4250)	13700 (4020)		
	-10	(-23.3)	15600 (4570)	14900 (4370)	14200 (4160)	13400 (3930)	12600 (3690)	11900 (3490)		
	-15	(-26.1)	13700 (4020)	13000 (3810)	12300 (3600)	11700 (3430)	10900 (3190)	10300 (3020)		
	-20	(-28.9)	11900 (3490)	11200 (3280)	10600 (3110)	10000 (2930)	9400 (2750)	8780 (2570)		
KESB030L8 Compressor Model 2CES-3	-25	(-31.7)	10200 (2990)	9610 (2820)	9050 (2650)	8490 (2490)	7950 (2330)	7400 (2170)		
	-30	(-34.4)	8600 (2520)	8100 (2370)	7600 (2230)	7110 (2080)	6620 (1940)	6120 (1790)		
	-35	(-37.2)	7150 (2100)	6710 (1970)	6270 (1840)	5830 (1710)	5390 (1580)	4950 (1450)		
	-40	(-40.0)	5830 (1710)	5430 (1590)	5020 (1470)	4630 (1360)	4240 (1240)	3840 (1130)		
	0	(-17.8)	26100 (7650)	25000 (7330)	23800 (6980)	22800 (6680)	21600 (6330)	20500 (6010)		
	-5	(-20.6)	23200 (6800)	22200 (6510)	21100 (6180)	20100 (5890)	19000 (5570)	18100 (5300)		
	-10	(-23.3)	20400 (5980)	19400 (5690)	18500 (5420)	17600 (5160)	16700 (4890)	15800 (4630)		
	-15	(-26.1)	17900 (5250)	17000 (4980)	16200 (4750)	15300 (4480)	14500 (4250)	13700 (4020)		
KESB031L8 Compressor Model 4FES-3	-20	(-28.9)	15400 (4510)	14700 (4310)	14000 (4100)	13200 (3870)	12500 (3660)	11800 (3460)		
	-25	(-31.7)	13300 (3900)	12600 (3690)	12000 (3520)	11300 (3310)	10600 (3110)	10000 (2930)		
	-30	(-34.4)	11300 (3310)	10700 (3140)	10100 (2960)	9540 (2800)	8960 (2630)	8380 (2460)		
	-35	(-37.2)	9490 (2780)	8970 (2630)	8440 (2470)	7920 (2320)	7390 (2170)	6880 (2020)		
	-40	(-40.0)	7810 (2290)	7350 (2150)	6880 (2020)	6410 (1880)	5940 (1740)	5480 (1610)		
	0	(-17.8)	28200 (8260)	26900 (7880)	25600 (7500)	24400 (7150)	23100 (6770)	21800 (6390)		
	-5	(-20.6)	25000 (7330)	23800 (6980)	22700 (6650)	21500 (6300)	20400 (5980)	19200 (5630)		
	-10	(-23.3)	21900 (6420)	20900 (6130)	19800 (5800)	18800 (5510)	17900 (5250)	16800 (4920)		
KESB031L8 Compressor Model 4FES-3	-15	(-26.1)	19200 (5630)	18300 (5360)	17300 (5070)	16400 (4810)	15400 (4510)	14600 (4280)		
	-20	(-28.9)	16600 (4860)	15800 (4630)	14900 (4370)	14200 (4160)	13300 (3900)	12500 (3660)		
	-25	(-31.7)	14300 (4190)	13500 (3960)	12800 (3750)	12100 (3550)	11300 (3310)	10600 (3110)		
	-30	(-34.4)	12200 (3580)	11400 (3340)	10800 (3170)	10200 (2990)	9510 (2790)	8880 (2600)		
	-35	(-37.2)	10200 (2990)	9570 (2800)	8980 (2630)	8400 (2460)	7830 (2290)	7280 (2130)		
	-40	(-40.0)	8350 (2450)	7820 (2290)	7300 (2140)	6780 (1990)	6280 (1840)	5790 (1700)		

NOTES:

- Above ratings are based on mean temperature.
- To convert to dew point ratings, use 0.95 multiplier.
- Shaded Area Restriction: 20°F Max Superheat
- For R449A, use R448A data.

table continues on next page >>>

CAPACITY DATA - R448A

LOW TEMPERATURE (cont'd)

60Hz

MODEL KES	SAT. SUCTION TEMPERATURE		CAPACITY BTU/H (WATTS) R448A						AMBIENT TEMPERATURE °F (°C)					
	° F	° C	85	(29.4)	90	(32.2)	95	(35.0)	100	(37.8)	105	(40.6)	110	(43.3)
KESB039L8 Compressor Model 4EES-4	0	(-17.8)	35400	(10370)	33700	(9880)	32100	(9410)	30600	(8970)	29000	(8500)	27400	(8030)
	-5	(-20.6)	31300	(9170)	29800	(8730)	28400	(8320)	26900	(7880)	25500	(7470)	24000	(7030)
	-10	(-23.3)	27500	(8060)	26100	(7650)	24900	(7300)	23500	(6890)	22300	(6540)	21000	(6150)
	-15	(-26.1)	24000	(7030)	22800	(6680)	21600	(6330)	20500	(6010)	19300	(5660)	18200	(5330)
	-20	(-28.9)	20800	(6100)	19700	(5770)	18700	(5480)	17600	(5160)	16600	(4860)	15600	(4570)
	-25	(-31.7)	17900	(5250)	16900	(4950)	16000	(4690)	15000	(4400)	14100	(4130)	13200	(3870)
	-30	(-34.4)	15100	(4430)	14300	(4190)	13400	(3930)	12600	(3690)	11900	(3490)	11000	(3220)
	-35	(-37.2)	12700	(3720)	11900	(3490)	11100	(3250)	10400	(3050)	9710	(2850)	9020	(2640)
	-40	(-40.0)	10400	(3050)	9710	(2850)	9050	(2650)	8410	(2460)	7770	(2280)	7140	(2090)
KESB050L8 Compressor Model 4DES-5	0	(-17.8)	42500	(12460)	40500	(11870)	38600	(11310)	36600	(10730)	34800	(10200)	33000	(9670)
	-5	(-20.6)	37500	(10990)	35700	(10460)	34000	(9960)	32200	(9440)	30600	(8970)	28900	(8470)
	-10	(-23.3)	32900	(9640)	31300	(9170)	29700	(8700)	28100	(8240)	26700	(7820)	25100	(7360)
	-15	(-26.1)	28700	(8410)	27200	(7970)	25800	(7560)	24500	(7180)	23000	(6740)	21600	(6330)
	-20	(-28.9)	24800	(7270)	23500	(6890)	22300	(6540)	21000	(6150)	19700	(5770)	18600	(5450)
	-25	(-31.7)	21200	(6210)	20100	(5890)	19000	(5570)	17900	(5250)	16800	(4920)	15600	(4570)
	-30	(-34.4)	18000	(5280)	16900	(4950)	16000	(4690)	14900	(4370)	14000	(4100)	13000	(3810)
	-35	(-37.2)	15000	(4400)	14100	(4130)	13200	(3870)	12300	(3600)	11400	(3340)	10600	(3110)
	-40	(-40.0)	12300	(3600)	11400	(3340)	10600	(3110)	9880	(2900)	9120	(2670)	8380	(2460)
KESB060L8 Compressor Model 4CES-6	0	(-17.8)	51100	(14980)	48900	(14330)	46600	(13660)	44400	(13010)	42200	(12370)	40000	(11720)
	-5	(-20.6)	45400	(13310)	43300	(12690)	41300	(12100)	39300	(11520)	37300	(10930)	35300	(10350)
	-10	(-23.3)	40000	(11720)	38100	(11170)	36300	(10640)	34400	(10080)	32700	(9580)	30900	(9060)
	-15	(-26.1)	35100	(10290)	33400	(9790)	31700	(9290)	30100	(8820)	28500	(8350)	26900	(7880)
	-20	(-28.9)	30500	(8940)	29000	(8500)	27500	(8060)	26000	(7620)	24600	(7210)	23200	(6800)
	-25	(-31.7)	26300	(7710)	24900	(7300)	23600	(6920)	22400	(6560)	21100	(6180)	19800	(5800)
	-30	(-34.4)	22400	(6560)	21200	(6210)	20100	(5890)	18900	(5540)	17700	(5190)	16700	(4890)
	-35	(-37.2)	18800	(5510)	17900	(5250)	16800	(4920)	15800	(4630)	14800	(4340)	13800	(4040)
	-40	(-40.0)	15500	(4540)	14700	(4310)	13800	(4040)	12800	(3750)	12000	(3520)	11100	(3250)
KESB080L8 Compressor Model 4TES-9	0	(-17.8)	65300	(19140)	62300	(18260)	59300	(17380)	56300	(16500)	53300	(15620)	50400	(14770)
	-5	(-20.6)	57500	(16850)	54800	(16060)	52200	(15300)	49500	(14510)	46700	(13690)	44100	(12920)
	-10	(-23.3)	50400	(14770)	48000	(14070)	45600	(13360)	43200	(12660)	40700	(11930)	38300	(11220)
	-15	(-26.1)	43900	(12870)	41700	(12220)	39500	(11580)	37400	(10960)	35200	(10320)	33100	(9700)
	-20	(-28.9)	37900	(11110)	35900	(10520)	34000	(9960)	32000	(9380)	30100	(8820)	28200	(8260)
	-25	(-31.7)	32300	(9470)	30700	(9000)	28900	(8470)	27200	(7970)	25400	(7440)	23700	(6950)
	-30	(-34.4)	27400	(8030)	25800	(7560)	24300	(7120)	22700	(6650)	21200	(6210)	19600	(5740)
	-35	(-37.2)	22800	(6680)	21400	(6270)	20100	(5890)	18600	(5450)	17200	(5040)	15900	(4660)
	-40	(-40.0)	18600	(5450)	17300	(5070)	16100	(4720)	14900	(4370)	13700	(4020)	12400	(3630)
KESB100L8 Compressor Model 4PES-12	0	(-17.8)	71900	(21070)	68400	(20050)	64800	(18990)	61200	(17940)	57600	(16880)	54100	(15860)
	-5	(-20.6)	63300	(18550)	60100	(17610)	56800	(16650)	53600	(15710)	50300	(14740)	47100	(13800)
	-10	(-23.3)	55200	(16180)	52300	(15330)	49400	(14480)	46500	(13630)	43600	(12780)	40700	(11930)
	-15	(-26.1)	47900	(14040)	45300	(13280)	42600	(12480)	40000	(11720)	37400	(10960)	34900	(10230)
	-20	(-28.9)	41100	(12050)	38700	(11340)	36300	(10640)	34000	(9960)	31700	(9290)	29500	(8650)
	-25	(-31.7)	34900	(10230)	32800	(9610)	30700	(9000)	28600	(8380)	26600	(7800)	24600	(7210)
	-30	(-34.4)	29300	(8590)	27400	(8030)	25500	(7470)	23600	(6920)	21700	(6360)	20000	(5860)
	-35	(-37.2)	24000	(7030)	22400	(6560)	20700	(6070)	19000	(5570)	17400	(5100)	15800	(4630)
	-40	(-40.0)	19400	(5690)	17900	(5250)	16400	(4810)	14800	(4340)	13300	(3900)	12000	(3520)
KESB120L8 Compressor Model 4NES-14	0	(-17.8)	84300	(24710)	80200	(23500)	76100	(22300)	72000	(21100)	67900	(19900)	63800	(18700)
	-5	(-20.6)	74600	(21860)	71000	(20810)	67200	(19690)	63500	(18610)	59900	(17550)	56200	(16470)
	-10	(-23.3)	65600	(19230)	62300	(18260)	59000	(17290)	55700	(16320)	52400	(15360)	49000	(14360)
	-15	(-26.1)	57200	(16760)	54300	(15910)	51300	(15030)	48400	(14180)	45400	(13310)	42400	(12430)
	-20	(-28.9)	49600	(14540)	46900	(13740)	44300	(12980)	41700	(12220)	39000	(11430)	36300	(10640)
	-25	(-31.7)	42500	(12460)	40200	(11780)	37800	(11080)	35400	(10370)	33100	(9700)	30800	(9030)
	-30	(-34.4)	36000	(10550)	33900	(9940)	31800	(9320)	29700	(8700)	27600	(8090)	25500	(7470)
	-35	(-37.2)	30100	(8820)	28200	(8260)	26400	(7740)	24500	(7180)	22600	(6620)	20700	(6070)
	-40	(-40.0)	24700	(7240)	23000	(6740)	21200	(6210)	19500	(5710)	17900	(5250)	16200	(4750)

NOTES:

- Above ratings are based on mean temperature.
- To convert to dew point ratings, use 0.95 multiplier.
- Shaded Area Restriction: 20°F Max Superheat
- For R449A, use R448A data.

CAPACITY DATA - **R407C**

HIGH / MEDIUM TEMPERATURE

MODEL KES	SATURATED SUCTION TEMPERATURE ° F ° C	CAPACITY BTU/H (WATTS) R407C AMBIENT TEMPERATURE °F (°C)									
		85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)				
KESB010H8 Compressor Model 2KES-05	45 (7.2)	16200 (4750)	15400 (4510)	14800 (4340)	14200 (4160)	13500 (3960)	12900 (3780)				
	40 (4.4)	14700 (4310)	14200 (4160)	13500 (3960)	12900 (3780)	12400 (3630)	11800 (3460)				
	35 (1.7)	13300 (3900)	12800 (3750)	12300 (3600)	11800 (3460)	11200 (3280)	10700 (3140)				
	30 (-1.1)	12100 (3550)	11700 (3430)	11100 (3250)	10600 (3110)	10190 (2990)	9660 (2830)				
	25 (-3.9)	10900 (3190)	10500 (3080)	10080 (2950)	9560 (2800)	9140 (2680)	8720 (2560)				
	20 (-6.7)	9770 (2860)	9350 (2740)	9030 (2650)	8610 (2520)	8190 (2400)	7770 (2280)				
	15 (-9.4)	8720 (2560)	8400 (2460)	8090 (2370)	7670 (2250)	7350 (2150)	6930 (2030)				
	10 (-12.2)	7770 (2280)	7460 (2190)	7140 (2090)	6830 (2000)	6510 (1910)	6200 (1820)				
KESB015H8 Compressor Model 2JES-07	45 (7.2)	21800 (6390)	21000 (6150)	20200 (5920)	19300 (5660)	18500 (5420)	17700 (5190)				
	40 (4.4)	20000 (5860)	19100 (5600)	18400 (5390)	17600 (5160)	16900 (4950)	16200 (4750)				
	35 (1.7)	18100 (5300)	17400 (5100)	16700 (4890)	16000 (4690)	15300 (4480)	14600 (4280)				
	30 (-1.1)	16400 (4810)	15800 (4630)	15100 (4430)	14500 (4250)	13900 (4070)	13200 (3870)				
	25 (-3.9)	14700 (4310)	14200 (4160)	13700 (4020)	13000 (3810)	12500 (3660)	12000 (3520)				
	20 (-6.7)	13200 (3870)	12700 (3720)	12300 (3600)	11800 (3460)	11200 (3280)	10700 (3140)				
	15 (-9.4)	11900 (3490)	11400 (3340)	10900 (3190)	10500 (3080)	10080 (2950)	9560 (2800)				
	10 (-12.2)	10500 (3080)	10190 (2990)	9770 (2860)	9350 (2740)	8930 (2620)	8510 (2490)				
KESB020H8 Compressor Model 2HES-2	45 (7.2)	26400 (7740)	25400 (7440)	24400 (7150)	23400 (6860)	22400 (6560)	21400 (6270)				
	40 (4.4)	24200 (7090)	23300 (6830)	22400 (6560)	21400 (6270)	20500 (6010)	19600 (5740)				
	35 (1.7)	22100 (6480)	21200 (6210)	20400 (5980)	19500 (5710)	18700 (5480)	17900 (5250)				
	30 (-1.1)	20100 (5890)	19300 (5660)	18500 (5420)	17700 (5190)	17000 (4980)	16300 (4780)				
	25 (-3.9)	18200 (5330)	17400 (5100)	16800 (4920)	16100 (4720)	15400 (4510)	14700 (4310)				
	20 (-6.7)	16400 (4810)	15800 (4630)	15100 (4430)	14500 (4250)	13900 (4070)	13300 (3900)				
	15 (-9.4)	14700 (4310)	14200 (4160)	13700 (4020)	13000 (3810)	12500 (3660)	12000 (3520)				
	10 (-12.2)	13100 (3840)	12600 (3690)	12200 (3580)	11700 (3430)	11100 (3250)	10700 (3140)				
KESB025H8 Compressor Model 2GES-2	45 (7.2)	31300 (9170)	30100 (8820)	29000 (8500)	27700 (8120)	26600 (7800)	25400 (7440)				
	40 (4.4)	28700 (8410)	27600 (8090)	26500 (7770)	25400 (7440)	24400 (7150)	23300 (6830)				
	35 (1.7)	26100 (7650)	25100 (7360)	24200 (7090)	23200 (6800)	22300 (6540)	21200 (6210)				
	30 (-1.1)	23700 (6950)	22900 (6710)	21900 (6420)	21100 (6180)	20200 (5920)	19300 (5660)				
	25 (-3.9)	21400 (6270)	20700 (6070)	19800 (5800)	19100 (5600)	18300 (5360)	17500 (5130)				
	20 (-6.7)	19300 (5660)	18700 (5480)	18000 (5280)	17200 (5040)	16500 (4840)	15800 (4630)				
	15 (-9.4)	17300 (5070)	16700 (4890)	16100 (4720)	15400 (4510)	14800 (4340)	14200 (4160)				
	10 (-12.2)	15500 (4540)	15000 (4400)	14400 (4220)	13900 (4070)	13200 (3870)	12700 (3720)				
KESB029H8 Compressor Model 2FES-3	45 (7.2)	41200 (12070)	39700 (11630)	38100 (11170)	36600 (10730)	35100 (10290)	33600 (9850)				
	40 (4.4)	37500 (10990)	36100 (10580)	34800 (10200)	33400 (9790)	32000 (9380)	30700 (9000)				
	35 (1.7)	34100 (9990)	32900 (9640)	31600 (9260)	30300 (8880)	29100 (8530)	27800 (8150)				
	30 (-1.1)	30900 (9060)	29700 (8700)	28700 (8410)	27500 (8060)	26400 (7740)	25200 (7390)				
	25 (-3.9)	27800 (8150)	26900 (7880)	25800 (7560)	24800 (7270)	23800 (6980)	22800 (6680)				
	20 (-6.7)	25000 (7330)	24200 (7090)	23200 (6800)	22400 (6560)	21400 (6270)	20500 (6010)				
	15 (-9.4)	22500 (6590)	21600 (6330)	20800 (6100)	20100 (5890)	19200 (5630)	18400 (5390)				
	10 (-12.2)	20100 (5890)	19300 (5660)	18600 (5450)	17900 (5250)	17100 (5010)	16400 (4810)				
KESB030H8 Compressor Model 2EES-3	45 (7.2)	46400 (13600)	44600 (13070)	42700 (12510)	41000 (12020)	39200 (11490)	37400 (10960)				
	40 (4.4)	42300 (12400)	40600 (11900)	39000 (11430)	37400 (10960)	35700 (10460)	34000 (9960)				
	35 (1.7)	38400 (11250)	36900 (10810)	35400 (10370)	33900 (9940)	32400 (9500)	30900 (9060)				
	30 (-1.1)	34800 (10200)	33400 (9790)	32000 (9380)	30700 (9000)	29300 (8590)	27900 (8180)				
	25 (-3.9)	31300 (9170)	30100 (8820)	28900 (8470)	27600 (8090)	26500 (7770)	25200 (7390)				
	20 (-6.7)	28100 (8240)	27000 (7910)	25900 (7590)	24800 (7270)	23700 (6950)	22600 (6620)				
	15 (-9.4)	25100 (7360)	24200 (7090)	23100 (6770)	22200 (6510)	21200 (6210)	20200 (5920)				
	10 (-12.2)	22400 (6560)	21400 (6270)	20600 (6040)	19700 (5770)	18800 (5510)	18000 (5280)				
KESB035H8 Compressor Model 2DES-3	45 (7.2)	55800 (16350)	53600 (15710)	51500 (15090)	49200 (14420)	47100 (13800)	44900 (13160)				
	40 (4.4)	50700 (14860)	48800 (14300)	46800 (13720)	44800 (13130)	42900 (12570)	41000 (12020)				
	35 (1.7)	46100 (13510)	44300 (12980)	42500 (12460)	40700 (11930)	39000 (11430)	37200 (10900)				
	30 (-1.1)	41700 (12220)	40100 (11750)	38400 (11250)	36900 (10810)	35200 (10320)	33600 (9850)				
	25 (-3.9)	37600 (11020)	36100 (10580)	34700 (10170)	33200 (9730)	31700 (9290)	30200 (8850)				
	20 (-6.7)	33700 (9880)	32400 (9500)	31100 (9110)	29800 (8730)	28500 (8350)	27200 (7970)				
	15 (-9.4)	30100 (8820)	29000 (8500)	27800 (8150)	26600 (7800)	25400 (7440)	24300 (7120)				
	10 (-12.2)	26800 (7850)	25700 (7530)	24700 (7240)	23600 (6920)	22600 (6620)	21500 (6300)				
KESB040H8 Compressor Model 2CES-4	45 (7.2)	65400 (19170)	62900 (18430)	60400 (17700)	57900 (16970)	55300 (16210)	52700 (15440)				
	40 (4.4)	59900 (17550)	57500 (16850)	55200 (16180)	52900 (15500)	50600 (14830)	48200 (14130)				
	35 (1.7)	54500 (15970)	52400 (15360)	50300 (14740)	48200 (14130)	46100 (13510)	44000 (12900)				
	30 (-1.1)	49500 (14510)	47600 (13950)	45700 (13390)	43700 (12810)	41800 (12250)	39900 (11690)				
	25 (-3.9)	44700 (13100)	42900 (12570)	41300 (12100)	39600 (11610)	37800 (11080)	36100 (10580)				
	20 (-6.7)	40200 (11780)	38700 (11340)	37200 (10900)	35600 (10430)	34000 (9960)	32400 (9500)				
	15 (-9.4)	36100 (10580)	34700 (10170)	33300 (9760)	31900 (9350)	30600 (8970)	29200 (8560)				
	10 (-12.2)	32200 (9440)	31000 (9090)	29700 (8700)	28500 (8350)	27200 (7970)	26000 (7620)				

NOTES:

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

table continues on next page >>>

CAPACITY DATA - **R407C**

HIGH / MEDIUM TEMPERATURE (cont'd)

MODEL KES	SATURATED SUCTION TEMPERATURE ° F ° C	CAPACITY BTU/H (WATTS) R407C AMBIENT TEMPERATURE °F (°C)									
		85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)				
KESB050H8 Compressor Model 4FES-5	45 (7.2)	73800 (21630)	70900 (20780)	67900 (19900)	65000 (19050)	62100 (18200)	59100 (17320)				
	40 (4.4)	67100 (19660)	64400 (18870)	61700 (18080)	59000 (17290)	56300 (16500)	53700 (15740)				
	35 (1.7)	60800 (17820)	58300 (17090)	55900 (16380)	53400 (15650)	50900 (14920)	48500 (14210)				
	30 (-1.1)	54800 (16060)	52600 (15420)	50400 (14770)	48100 (14100)	45900 (13450)	43700 (12810)				
	25 (-3.9)	49200 (14420)	47300 (13860)	45300 (13280)	43300 (12690)	41300 (12100)	39300 (11520)				
	20 (-6.7)	44100 (12920)	42200 (12370)	40400 (11840)	38600 (11310)	36900 (10810)	35100 (10290)				
	15 (-9.4)	39300 (11520)	37700 (11050)	36000 (10550)	34400 (10080)	32800 (9610)	31200 (9140)				
	10 (-12.2)	34900 (10230)	33400 (9790)	31900 (9350)	30500 (8940)	29000 (8500)	27500 (8060)				
KESB060H8 Compressor Model 4EES-6	45 (7.2)	88600 (25970)	85100 (24940)	81500 (23890)	77900 (22830)	74300 (21780)	70800 (20750)				
	40 (4.4)	81000 (23740)	77600 (22740)	74300 (21780)	71000 (20810)	67700 (19840)	64500 (18900)				
	35 (1.7)	73500 (21540)	70600 (20690)	67500 (19780)	64500 (18900)	61500 (18020)	58500 (17140)				
	30 (-1.1)	66600 (19520)	63800 (18700)	61100 (17910)	58300 (17090)	55500 (16270)	52800 (15470)				
	25 (-3.9)	60000 (17580)	57500 (16850)	55000 (16120)	52500 (15390)	50100 (14680)	47600 (13950)				
	20 (-6.7)	53900 (15800)	51600 (15120)	49400 (14480)	47100 (13800)	44800 (13130)	42600 (12480)				
	15 (-9.4)	48100 (14100)	46100 (13510)	44000 (12900)	42000 (12310)	40000 (11720)	38000 (11140)				
	10 (-12.2)	42700 (12510)	41000 (12020)	39100 (11460)	37300 (10930)	35500 (10400)	33700 (9880)				
KESB076H8 Compressor Model 4DES-7	45 (7.2)	110500 (32380)	106100 (31090)	101700 (29810)	97300 (28520)	93000 (27260)	88600 (25970)				
	40 (4.4)	100400 (29420)	96500 (28280)	92500 (27110)	88500 (25940)	84500 (24760)	80500 (23590)				
	35 (1.7)	91000 (26670)	87400 (25610)	83800 (24560)	80100 (23470)	76500 (22420)	73000 (21390)				
	30 (-1.1)	82200 (24090)	78900 (23120)	75600 (22160)	72300 (21190)	69100 (20250)	65800 (19280)				
	25 (-3.9)	73900 (21660)	71000 (20810)	68000 (19930)	65100 (19080)	62100 (18200)	59100 (17320)				
	20 (-6.7)	66300 (19430)	63500 (18610)	60900 (17850)	58300 (17090)	55500 (16270)	52900 (15500)				
	15 (-9.4)	59100 (17320)	56700 (16620)	54300 (15910)	51900 (15210)	49600 (14540)	47100 (13800)				
	10 (-12.2)	52400 (15360)	50300 (14740)	48200 (14130)	46000 (13480)	43900 (12870)	41800 (12250)				
KESB090H8 Compressor Model 4CES-9	45 (7.2)	130000 (38100)	125000 (36630)	119800 (35110)	114800 (33640)	109600 (32120)	104500 (30630)				
	40 (4.4)	118800 (34820)	114100 (33440)	109400 (32060)	104800 (30710)	100100 (29340)	95400 (27960)				
	35 (1.7)	108000 (31650)	103800 (30420)	99500 (29160)	95300 (27930)	91000 (26670)	86800 (25440)				
	30 (-1.1)	98000 (28720)	94100 (27580)	90300 (26460)	86400 (25320)	82500 (24180)	78600 (23040)				
	25 (-3.9)	88500 (25940)	84900 (24880)	81500 (23890)	78000 (22860)	74600 (21860)	71000 (20810)				
	20 (-6.7)	79600 (23330)	76400 (22390)	73300 (21480)	70100 (20540)	67000 (19640)	63800 (18700)				
	15 (-9.4)	71200 (20870)	68400 (20050)	65600 (19230)	62800 (18400)	60000 (17580)	57100 (16730)				
	10 (-12.2)	63400 (18580)	61000 (17880)	58500 (17140)	56000 (16410)	53300 (15620)	50800 (14890)				
KESB100H8 Compressor Model 4VES-10	45 (7.2)	135700 (39770)	130300 (38190)	125000 (36630)	119600 (35050)	114200 (33470)	108800 (31890)				
	40 (4.4)	123900 (36310)	119000 (34880)	113900 (33380)	109000 (31940)	104000 (30480)	99000 (29010)				
	35 (1.7)	112700 (33030)	108200 (31710)	103500 (30330)	98900 (28980)	94400 (27670)	89700 (26290)				
	30 (-1.1)	102100 (29920)	97900 (28690)	93700 (27460)	89500 (26230)	85300 (25000)	81100 (23770)				
	25 (-3.9)	92100 (26990)	88300 (25880)	84400 (24740)	80600 (23620)	76800 (22510)	72900 (21360)				
	20 (-6.7)	82700 (24240)	79300 (23240)	75800 (22210)	72300 (21190)	68800 (20160)	65300 (19140)				
	15 (-9.4)	74000 (21690)	70900 (20780)	67700 (19840)	64600 (18930)	61400 (17990)	58200 (17060)				
	10 (-12.2)	65900 (19310)	63000 (18460)	60200 (17640)	57300 (16790)	54500 (15970)	51600 (15120)				
KESB121H8 Compressor Model 4TES-12	45 (7.2)	171000 (50110)	164500 (48210)	157900 (46280)	151400 (44370)	144800 (42440)	138200 (40500)				
	40 (4.4)	155700 (45630)	149700 (43870)	143600 (42080)	137700 (40360)	131600 (38570)	125500 (36780)				
	35 (1.7)	141200 (41380)	135800 (39800)	130200 (38160)	124700 (36550)	119200 (34930)	113500 (33260)				
	30 (-1.1)	127700 (37430)	122700 (35960)	117700 (34490)	112600 (33000)	107500 (31510)	102400 (30010)				
	25 (-3.9)	115100 (33730)	110600 (32410)	105900 (31040)	101300 (29690)	96700 (28340)	92100 (26990)				
	20 (-6.7)	103300 (30270)	99100 (29040)	95000 (27840)	90800 (26610)	86600 (25380)	82400 (24150)				
	15 (-9.4)	92300 (27050)	88600 (25970)	84800 (24850)	81100 (23770)	77300 (22650)	73400 (21510)				
	10 (-12.2)	82100 (24060)	78800 (23090)	75400 (22100)	71900 (21070)	68600 (20100)	65100 (19080)				
KESB150H8 Compressor Model 4PES-15	45 (7.2)	191600 (56150)	184100 (53950)	176400 (51700)	168700 (49440)	161100 (47210)	153400 (44960)				
	40 (4.4)	174600 (51170)	167600 (49120)	160500 (47040)	153500 (44990)	146400 (42910)	139300 (40820)				
	35 (1.7)	158600 (46480)	152000 (44550)	145500 (42640)	139100 (40770)	132500 (38830)	126000 (36930)				
	30 (-1.1)	143300 (42000)	137400 (40270)	131500 (38540)	125600 (36810)	119600 (35050)	113600 (33290)				
	25 (-3.9)	129200 (37860)	123800 (36280)	118300 (34670)	112900 (33090)	107400 (31480)	102000 (29890)				
	20 (-6.7)	115800 (33940)	110900 (32500)	105900 (31040)	101000 (29600)	96100 (28160)	91100 (26700)				
	15 (-9.4)	103400 (30300)	99000 (29010)	94500 (27700)	90000 (26380)	85500 (25060)	81000 (23740)				
	10 (-12.2)	91900 (26930)	87900 (25760)	83800 (24560)	79700 (23360)	75700 (22190)	71600 (20980)				
KESB200H8 Compressor Model 4NES-20	45 (7.2)	217500 (63740)	209000 (61250)	200300 (58700)	191700 (56180)	183100 (53660)	174500 (51140)				
	40 (4.4)	198900 (58290)	191000 (55980)	183000 (53630)	175000 (51290)	167100 (48970)	159100 (46630)				
	35 (1.7)	181200 (53100)	173900 (50960)	166500 (48800)	159200 (46660)	151800 (44490)	144500 (42350)				
	30 (-1.1)	164400 (48180)	157700 (46220)	151000 (44250)	144300 (42290)	137400 (40270)	130700 (38300)				
	25 (-3.9)	148600 (43550)	142500 (41760)	136300 (39950)	130200 (38160)	124000 (36340)	117800 (34520)				
	20 (-6.7)	133700 (39180)	128200 (37570)	122500 (35900)	117000 (34290)	111300 (32620)	105600 (30950)				
	15 (-9.4)	119800 (35110)	114800 (33640)	109700 (32150)	104600 (30660)	99400 (29130)	94400 (27670)				
	10 (-12.2)	106800 (31300)	102200 (29950)	97700 (28630)	93000 (27260)	88400 (25910)	83800 (24560)				

NOTES:

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

CAPACITY DATA - R404A R507

HIGH / MEDIUM TEMPERATURE

60Hz

MODEL KES	SATURATED SUCTION TEMPERATURE		CAPACITY BTU/H (WATTS) R404A R507 AMBIENT TEMPERATURE °F (°C)									
			85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)				
KESB010H8 Compressor Model 2KES-05	40 (4.4)		13500 (3960)	12800 (3750)	12100 (3550)	11500 (3370)	10800 (3170)	10100 (2960)				
	35 (1.7)		12400 (3630)	11800 (3460)	11100 (3250)	10500 (3080)	9900 (2900)	9300 (2730)				
	30 (-1.1)		11400 (3340)	10800 (3170)	10200 (2990)	9600 (2810)	9000 (2640)	8500 (2490)				
	25 (-3.9)		10400 (3050)	9800 (2870)	9300 (2730)	8700 (2550)	8200 (2400)	7700 (2260)				
	20 (-6.7)		9400 (2750)	8900 (2610)	8400 (2460)	7900 (2320)	7400 (2170)	6900 (2020)				
	15 (-9.4)		8500 (2490)	8100 (2370)	7600 (2230)	7100 (2080)	6700 (1960)	6300 (1850)				
	10 (-12.2)		7700 (2260)	7200 (2110)	6800 (1990)	6400 (1880)	6000 (1760)	5600 (1640)				
	5 (-15.0)		6900 (2020)	6500 (1900)	6100 (1790)	5700 (1670)	5300 (1550)	5000 (1470)				
	0 (-17.8)		6100 (1790)	5700 (1670)	5400 (1580)	5000 (1470)	4700 (1380)	4400 (1290)				
	-5 (-20.6)		5400 (1580)	5000 (1470)	4700 (1380)	4400 (1290)	4100 (1200)	3800 (1110)				
KESB015H8 Compressor Model 2JES-07	40 (4.4)		18800 (5510)	17900 (5250)	17000 (4980)	16100 (4720)	15200 (4450)	14300 (4190)				
	35 (1.7)		17300 (5070)	16500 (4840)	15600 (4570)	14800 (4340)	14000 (4100)	13100 (3840)				
	30 (-1.1)		15800 (4630)	15100 (4430)	14300 (4190)	13500 (3960)	12700 (3720)	12000 (3520)				
	25 (-3.9)		14500 (4250)	13700 (4020)	13000 (3810)	12300 (3600)	11600 (3400)	10900 (3190)				
	20 (-6.7)		13100 (3840)	12500 (3660)	11800 (3460)	11100 (3250)	10500 (3080)	9900 (2900)				
	15 (-9.4)		11900 (3490)	11300 (3310)	10700 (3140)	10100 (2960)	9500 (2780)	8900 (2610)				
	10 (-12.2)		10700 (3140)	10100 (2960)	9600 (2810)	9000 (2640)	8500 (2490)	8000 (2340)				
	5 (-15.0)		9600 (2810)	9100 (2670)	8600 (2520)	8100 (2370)	7600 (2230)	7100 (2080)				
	0 (-17.8)		8500 (2490)	8100 (2370)	7600 (2230)	7200 (2110)	6700 (1960)	6300 (1850)				
	-5 (-20.6)		7600 (2230)	7200 (2110)	6700 (1960)	6300 (1850)	5900 (1730)	5500 (1610)				
KESB020H8 Compressor Model 2HES-2	40 (4.4)		22800 (6680)	21700 (6360)	20600 (6040)	19500 (5710)	18400 (5390)	17300 (5070)				
	35 (1.7)		21000 (6150)	20000 (5860)	19000 (5570)	18000 (5280)	17000 (4980)	16000 (4690)				
	30 (-1.1)		19300 (5660)	18400 (5390)	17400 (5100)	16500 (4840)	15600 (4570)	14600 (4280)				
	25 (-3.9)		17700 (5190)	16800 (4920)	15900 (4660)	15100 (4430)	14200 (4160)	13400 (3930)				
	20 (-6.7)		16100 (4720)	15300 (4480)	14500 (4250)	13700 (4020)	13000 (3810)	12200 (3580)				
	15 (-9.4)		14700 (4310)	13900 (4070)	13200 (3870)	12500 (3660)	11700 (3430)	11000 (3220)				
	10 (-12.2)		13300 (3900)	12600 (3690)	11900 (3490)	11300 (3310)	10600 (3110)	9900 (2900)				
	5 (-15.0)		11900 (3490)	11300 (3310)	10700 (3140)	10100 (2960)	9500 (2780)	8900 (2610)				
	0 (-17.8)		10700 (3140)	10100 (2960)	9600 (2810)	9000 (2640)	8500 (2490)	8000 (2340)				
	-5 (-20.6)		9500 (2780)	9000 (2640)	8500 (2490)	8000 (2340)	7500 (2200)	7000 (2050)				
KESB025H8 Compressor Model 2GES-2	40 (4.4)		26500 (7770)	25200 (7390)	24000 (7030)	22700 (6650)	21500 (6300)	20200 (5920)				
	35 (1.7)		24400 (7150)	23300 (6830)	22100 (6480)	20900 (6130)	19800 (5800)	18600 (5450)				
	30 (-1.1)		22500 (6590)	21400 (6270)	20300 (5950)	19200 (5630)	18200 (5330)	17100 (5010)				
	25 (-3.9)		20600 (6040)	19600 (5740)	18600 (5450)	17600 (5160)	16600 (4860)	15600 (4570)				
	20 (-6.7)		18800 (5510)	17900 (5250)	17000 (4980)	16000 (4690)	15100 (4430)	14200 (4160)				
	15 (-9.4)		17100 (5010)	16200 (4750)	15400 (4510)	14600 (4280)	13700 (4020)	12900 (3780)				
	10 (-12.2)		15500 (4540)	14700 (4310)	13900 (4070)	13200 (3870)	12400 (3630)	11700 (3430)				
	5 (-15.0)		14000 (4100)	13200 (3870)	12600 (3690)	11900 (3490)	11200 (3280)	10500 (3080)				
	0 (-17.8)		12500 (3660)	11900 (3490)	11300 (3310)	10600 (3110)	10000 (2930)	9400 (2750)				
	-5 (-20.6)		11200 (3280)	10600 (3110)	10000 (2930)	9500 (2780)	8900 (2610)	8400 (2460)				

table continues on next page >>>

CAPACITY DATA - R404A R507

HIGH / MEDIUM TEMPERATURE (cont'd)

60Hz

MODEL KES	SATURATED SUCTION TEMPERATURE		CAPACITY BTU/H (WATTS) R404A R507 AMBIENT TEMPERATURE °F (°C)											
	° F	° C	85	(29.4)	90	(32.2)	95	(35.0)	100	(37.8)	105	(40.6)	110	(43.3)
KESB029H8 Compressor Model 2FES-3	40	(4.4)	34700	(10170)	33000	(9670)	31300	(9170)	29600	(8670)	27900	(8180)	26200	(7680)
	35	(1.7)	31900	(9350)	30300	(8880)	28700	(8410)	27200	(7970)	25600	(7500)	24100	(7060)
	30	(-1.1)	29300	(8590)	27800	(8150)	26300	(7710)	24900	(7300)	23400	(6860)	22000	(6450)
	25	(-3.9)	26700	(7820)	25400	(7440)	24000	(7030)	22700	(6650)	21400	(6270)	20100	(5890)
	20	(-6.7)	24300	(7120)	23100	(6770)	21900	(6420)	20700	(6070)	19500	(5710)	18300	(5360)
	15	(-9.4)	22100	(6480)	20900	(6130)	19800	(5800)	18700	(5480)	17600	(5160)	16500	(4840)
	10	(-12.2)	19900	(5830)	18900	(5540)	17900	(5250)	16900	(4950)	15900	(4660)	14900	(4370)
	5	(-15.0)	17900	(5250)	17000	(4980)	16100	(4720)	15200	(4450)	14300	(4190)	13400	(3930)
	0	(-17.8)	16000	(4690)	15200	(4450)	14400	(4220)	13500	(3960)	12700	(3720)	11900	(3490)
-5	(-20.6)	14300	(4190)	13500	(3960)	12800	(3750)	12000	(3520)	11300	(3310)	10600	(3110)	
KESB030H8 Compressor Model 2EES-3	40	(4.4)	42700	(12510)	40700	(11930)	38600	(11310)	36500	(10700)	34500	(10110)	32400	(9500)
	35	(1.7)	39400	(11550)	37500	(10990)	35600	(10430)	33700	(9880)	31800	(9320)	29800	(8730)
	30	(-1.1)	36200	(10610)	34500	(10110)	32700	(9580)	30900	(9060)	29200	(8560)	27400	(8030)
	25	(-3.9)	33200	(9730)	31600	(9260)	30000	(8790)	28300	(8290)	26700	(7820)	25000	(7330)
	20	(-6.7)	30300	(8880)	28800	(8440)	27300	(8000)	25800	(7560)	24300	(7120)	22800	(6680)
	15	(-9.4)	27500	(8060)	26200	(7680)	24800	(7270)	23500	(6890)	22100	(6480)	20700	(6070)
	10	(-12.2)	24900	(7300)	23700	(6950)	22500	(6590)	21200	(6210)	20000	(5860)	18700	(5480)
	5	(-15.0)	22500	(6590)	21400	(6270)	20200	(5920)	19100	(5600)	18000	(5280)	16900	(4950)
	0	(-17.8)	20100	(5890)	19100	(5600)	18100	(5300)	17100	(5010)	16100	(4720)	15100	(4430)
-5	(-20.6)	18000	(5280)	17100	(5010)	16200	(4750)	15300	(4480)	14300	(4190)	13400	(3930)	
KESB035H8 Compressor Model 2DES-3	40	(4.4)	51600	(15120)	49100	(14390)	46700	(13690)	44200	(12950)	41800	(12250)	39300	(11520)
	35	(1.7)	47500	(13920)	45300	(13280)	43000	(12600)	40800	(11960)	38500	(11280)	36200	(10610)
	30	(-1.1)	43700	(12810)	41600	(12190)	39600	(11610)	37500	(10990)	35300	(10350)	33200	(9730)
	25	(-3.9)	40000	(11720)	38100	(11170)	36200	(10610)	34300	(10050)	32300	(9470)	30400	(8910)
	20	(-6.7)	36500	(10700)	34800	(10200)	33000	(9670)	31300	(9170)	29500	(8650)	27700	(8120)
	15	(-9.4)	33200	(9730)	31600	(9260)	30000	(8790)	28400	(8320)	26800	(7850)	25200	(7390)
	10	(-12.2)	30100	(8820)	28700	(8410)	27200	(7970)	25700	(7530)	24300	(7120)	22800	(6680)
	5	(-15.0)	27100	(7940)	25800	(7560)	24500	(7180)	23200	(6800)	21800	(6390)	20500	(6010)
	0	(-17.8)	24300	(7120)	23200	(6800)	22000	(6450)	20800	(6100)	19600	(5740)	18400	(5390)
-5	(-20.6)	21700	(6360)	20700	(6070)	19600	(5740)	18500	(5420)	17500	(5130)	16400	(4810)	
KESB040H8 Compressor Model 2CES-4	40	(4.4)	60300	(17670)	57400	(16820)	54500	(15970)	51600	(15120)	48700	(14270)	45700	(13390)
	35	(1.7)	55800	(16350)	53100	(15560)	50400	(14770)	47800	(14010)	45000	(13190)	42300	(12400)
	30	(-1.1)	51500	(15090)	49000	(14360)	46600	(13660)	44100	(12920)	41600	(12190)	39000	(11430)
	25	(-3.9)	47300	(13860)	45100	(13220)	42800	(12540)	40500	(11870)	38200	(11200)	35900	(10520)
	20	(-6.7)	43400	(12720)	41300	(12100)	39200	(11490)	37100	(10870)	35000	(10260)	32900	(9640)
	15	(-9.4)	39600	(11610)	37700	(11050)	35800	(10490)	33900	(9940)	32000	(9380)	30000	(8790)
	10	(-12.2)	36000	(10550)	34300	(10050)	32600	(9550)	30800	(9030)	29100	(8530)	27300	(8000)
	5	(-15.0)	32600	(9550)	31100	(9110)	29500	(8650)	27900	(8180)	26300	(7710)	24700	(7240)
	0	(-17.8)	29400	(8620)	28000	(8210)	26600	(7800)	25200	(7390)	23700	(6950)	22300	(6540)
-5	(-20.6)	26300	(7710)	25100	(7360)	23800	(6980)	22600	(6620)	21300	(6240)	20000	(5860)	
KESB050H8 Compressor Model 4FES-5	40	(4.4)	69900	(20490)	66600	(19520)	63200	(18520)	59900	(17550)	56500	(16560)	53100	(15560)
	35	(1.7)	64300	(18840)	61200	(17940)	58200	(17060)	55100	(16150)	51900	(15210)	48800	(14300)
	30	(-1.1)	58900	(17260)	56100	(16440)	53300	(15620)	50500	(14800)	47600	(13950)	44700	(13100)
	25	(-3.9)	53800	(15770)	51300	(15030)	48700	(14270)	46100	(13510)	43500	(12750)	40900	(11990)
	20	(-6.7)	49000	(14360)	46700	(13690)	44400	(13010)	42000	(12310)	39600	(11610)	37200	(10900)
	15	(-9.4)	44500	(13040)	42400	(12430)	40300	(11810)	38100	(11170)	36000	(10550)	33800	(9910)
	10	(-12.2)	40100	(11750)	38300	(11220)	36400	(10670)	34500	(10110)	32600	(9550)	30600	(8970)
	5	(-15.0)	36100	(10580)	34500	(10110)	32800	(9610)	31100	(9110)	29300	(8590)	27600	(8090)
	0	(-17.8)	32300	(9470)	30900	(9060)	29400	(8620)	27900	(8180)	26300	(7710)	24800	(7270)
-5	(-20.6)	28800	(8440)	27600	(8090)	26200	(7680)	24900	(7300)	23500	(6890)	22100	(6480)	

--- Outside Operating Range

table continues on next page >>>

CAPACITY DATA - R404A R507

HIGH / MEDIUM TEMPERATURE (cont'd)

MODEL KES	SATURATED SUCTION TEMPERATURE		CAPACITY BTU/H (WATTS) R404A R507 AMBIENT TEMPERATURE °F (°C)									
	° F	° C	85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)				
KESB060H8 Compressor Model 4EES-6	40 (4.4)		83300 (24410)	79300 (23240)	75200 (22040)	71200 (20870)	67200 (19690)	63100 (18490)				
	35 (1.7)		76800 (22510)	73100 (21420)	69400 (20340)	65700 (19250)	61900 (18140)	58200 (17060)				
	30 (-1.1)		70600 (20690)	67200 (19690)	63800 (18700)	60400 (17700)	56900 (16680)	53500 (15680)				
	25 (-3.9)		64700 (18960)	61600 (18050)	58500 (17140)	55300 (16210)	52200 (15300)	49000 (14360)				
	20 (-6.7)		59100 (17320)	56200 (16470)	53400 (15650)	50500 (14800)	47600 (13950)	44700 (13100)				
	15 (-9.4)		53700 (15740)	51100 (14980)	48500 (14210)	45900 (13450)	43300 (12690)	40700 (11930)				
	10 (-12.2)		48600 (14240)	46300 (13570)	44000 (12900)	41600 (12190)	39200 (11490)	36900 (10810)				
	5 (-15.0)		43800 (12840)	41800 (12250)	39700 (11630)	37500 (10990)	35400 (10370)	33300 (9760)				
	0 (-17.8)		39400 (11550)	37500 (10990)	35600 (10430)	33700 (9880)	31800 (9320)	29900 (8760)				
	-5 (-20.6)		35100 (10290)	33500 (9820)	31800 (9320)	30100 (8820)	28400 (8320)	26700 (7820)				
KESB076H8 Compressor Model 4DES-7	40 (4.4)		105300 (30860)	100600 (29480)	95800 (28080)	91100 (26700)	86300 (25290)	81500 (23890)				
	35 (1.7)		96800 (28370)	92500 (27110)	88100 (25820)	83700 (24530)	79300 (23240)	74800 (21920)				
	30 (-1.1)		88800 (26020)	84700 (24820)	80700 (23650)	76700 (22480)	72600 (21280)	68500 (20080)				
	25 (-3.9)		81100 (23770)	77400 (22680)	73700 (21600)	70000 (20510)	66300 (19430)	62500 (18320)				
	20 (-6.7)		73800 (21630)	70500 (20660)	67100 (19660)	63700 (18670)	60300 (17670)	56900 (16680)				
	15 (-9.4)		67000 (19640)	64000 (18760)	60900 (17850)	57800 (16940)	54700 (16030)	51600 (15120)				
	10 (-12.2)		60500 (17730)	57800 (16940)	55000 (16120)	52200 (15300)	49400 (14480)	46600 (13660)				
	5 (-15.0)		54500 (15970)	52000 (15240)	49600 (14540)	47000 (13770)	44500 (13040)	42000 (12310)				
	0 (-17.8)		48900 (14330)	46700 (13690)	44400 (13010)	42200 (12370)	39900 (11690)	37600 (11020)				
	-5 (-20.6)		43600 (12780)	41600 (12190)	39600 (11610)	37600 (11020)	35600 (10430)	33600 (9850)				
KESB090H8 Compressor Model 4CES-9	40 (4.4)		122300 (35840)	116900 (34260)	111400 (32650)	106000 (31070)	100500 (29450)	95000 (27840)				
	35 (1.7)		112700 (33030)	107700 (31560)	102600 (30070)	97500 (28570)	92400 (27080)	87300 (25590)				
	30 (-1.1)		103500 (30330)	98800 (28960)	94100 (27580)	89500 (26230)	84800 (24850)	80000 (23450)				
	25 (-3.9)		94700 (27750)	90400 (26490)	86100 (25230)	81800 (23970)	77500 (22710)	73100 (21420)				
	20 (-6.7)		86400 (25320)	82500 (24180)	78500 (23010)	74600 (21860)	70600 (20690)	66600 (19520)				
	15 (-9.4)		78600 (23040)	75000 (21980)	71300 (20900)	67700 (19840)	64100 (18790)	60400 (17700)				
	10 (-12.2)		71100 (20840)	67900 (19900)	64600 (18930)	61300 (17970)	57900 (16970)	54600 (16000)				
	5 (-15.0)		64200 (18820)	61200 (17940)	58200 (17060)	55200 (16180)	52200 (15300)	49200 (14420)				
	0 (-17.8)		57600 (16880)	54900 (16090)	52200 (15300)	49500 (14510)	46800 (13720)	44100 (12920)				
	-5 (-20.6)		51500 (15090)	49100 (14390)	46600 (13660)	44200 (12950)	41800 (12250)	39400 (11550)				
KESB100H8 Compressor Model 4VES-10	40 (4.4)		127700 (37430)	121700 (35670)	115700 (33910)	109800 (32180)	103800 (30420)	97800 (28660)				
	35 (1.7)		117600 (34470)	112000 (32820)	106400 (31180)	100900 (29570)	95300 (27930)	89800 (26320)				
	30 (-1.1)		107900 (31620)	102700 (30100)	97500 (28570)	92400 (27080)	87300 (25590)	82100 (24060)				
	25 (-3.9)		98600 (28900)	93800 (27490)	89100 (26110)	84300 (24710)	79600 (23330)	74800 (21920)				
	20 (-6.7)		89800 (26320)	85400 (25030)	81000 (23740)	76600 (22450)	72300 (21190)	68000 (19930)				
	15 (-9.4)		81400 (23860)	77400 (22680)	73400 (21510)	69400 (20340)	65400 (19170)	61400 (17990)				
	10 (-12.2)		73500 (21540)	69800 (20460)	66200 (19400)	62500 (18320)	58900 (17260)	55300 (16210)				
	5 (-15.0)		66000 (19340)	62700 (18380)	59400 (17410)	56100 (16440)	52800 (15470)	49500 (14510)				
	0 (-17.8)		59000 (17290)	56000 (16410)	53000 (15530)	50100 (14680)	47100 (13800)	44100 (12920)				
	-5 (-20.6)		52500 (15390)	49800 (14590)	47100 (13800)	44400 (13010)	41700 (12220)	39100 (11460)				
KESB121H8 Compressor Model 4TES-12	40 (4.4)		162700 (47680)	155300 (45510)	147900 (43350)	140500 (41180)	133100 (39010)	125700 (36840)				
	35 (1.7)		149400 (43780)	142500 (41760)	135700 (39770)	128800 (37750)	122000 (35750)	115100 (33730)				
	30 (-1.1)		136700 (40060)	130300 (38190)	124000 (36340)	117700 (34490)	111300 (32620)	105000 (30770)				
	25 (-3.9)		124600 (36520)	118800 (34820)	112900 (33090)	107100 (31390)	101300 (29690)	95500 (27990)				
	20 (-6.7)		113200 (33180)	107800 (31590)	102500 (30040)	97200 (28490)	91900 (26930)	86500 (25350)				
	15 (-9.4)		102400 (30010)	97500 (28570)	92700 (27170)	87800 (25730)	83000 (24320)	78100 (22890)				
	10 (-12.2)		92300 (27050)	87900 (25760)	83400 (24440)	79000 (23150)	74600 (21860)	70200 (20570)				
	5 (-15.0)		82800 (24270)	78800 (23090)	74800 (21920)	70800 (20750)	66800 (19580)	62900 (18430)				
	0 (-17.8)		74000 (21690)	70400 (20630)	66800 (19580)	63200 (18520)	59600 (17470)	56000 (16410)				
	-5 (-20.6)		65700 (19250)	62500 (18320)	59300 (17380)	56000 (16410)	52800 (15470)	49600 (14540)				
KESB150H8 Compressor Model 4PES-15	40 (4.4)		181300 (53130)	172800 (50640)	164300 (48150)	155800 (45660)	147300 (43170)	138800 (40680)				
	35 (1.7)		166600 (48830)	158600 (46480)	150700 (44170)	142800 (41850)	134900 (39540)	127100 (37250)				
	30 (-1.1)		152500 (44690)	145100 (42520)	137800 (40390)	130500 (38250)	123200 (36110)	115900 (33970)				
	25 (-3.9)		139000 (40740)	132300 (38770)	125500 (36780)	118800 (34820)	112100 (32850)	105400 (30890)				
	20 (-6.7)		126300 (37010)	120100 (35200)	113900 (33380)	107700 (31560)	101500 (29750)	95400 (27960)				
	15 (-9.4)		114300 (33500)	108600 (31830)	102900 (30160)	97300 (28520)	91600 (26850)	86000 (25200)				
	10 (-12.2)		102900 (30160)	97700 (28630)	92600 (27140)	87400 (25610)	82300 (24120)	77200 (22630)				
	5 (-15.0)		92300 (27050)	87600 (25670)	82900 (24300)	78200 (22920)	73600 (21570)	68900 (20190)				
	0 (-17.8)		82300 (24120)	78000 (22860)	73800 (21630)	69600 (20400)	65400 (19170)	61200 (17940)				
	-5 (-20.6)		73000 (21390)	69100 (20250)	65300 (19140)	61600 (18050)	57800 (16940)	54000 (15830)				
KESB200H8 Compressor Model 4NES-20	40 (4.4)		205500 (60230)	195900 (57410)	186300 (54600)	176700 (51790)	167100 (48970)	157600 (46190)				
	35 (1.7)		189600 (55570)	180600 (52930)	171700 (50320)	162800 (47710)	153900 (45100)	145000 (42500)				
	30 (-1.1)		174300 (51080)	166000 (48650)	157700 (46220)	149500 (43810)	141200 (41380)	133000 (38980)				
	25 (-3.9)		159600 (46770)	152000 (44550)	144400 (42320)	136800 (40090)	129100 (37840)	121500 (35610)				
	20 (-6.7)		145700 (42700)	138600 (40620)	131700 (38600)	124700 (36550)	117700 (34490)	110700 (32440)				
	15 (-9.4)		132400 (38800)	126000 (36930)	119600 (35050)	113200 (33180)	106800 (31300)	100400 (29420)				
	10 (-12.2)		119800 (35110)	114000 (33410)	108200 (31710)	102300 (29980)	96500 (28280)	90700 (26580)				
	5 (-15.0)		108000 (31650)	102700 (30100)	97400 (28550)	92100 (26990)	86900 (25470)	81600 (23910)				
	0 (-17.8)		96800 (28370)	92100 (26990)	87300 (25590)	82500 (24180)	77800 (22800)	73100 (21420)				
	-5 (-20.6)		86400 (25320)	82100 (24060)	77800 (22800)	73600 (21570)	69300 (20310)	65100 (19080)				

CAPACITY DATA - R404A R507

LOW TEMPERATURE

60Hz

MODEL KES	SAT. SUCTION TEMPERATURE		CAPACITY BTU/H (WATTS) R404A R507 AMBIENT TEMPERATURE °F (°C)									
	° F	° C	85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)				
KESB010L6 Compressor Model 2HES-1	0	(-17.8)	9700 (2840)	9100 (2670)	8600 (2520)	8100 (2370)	7600 (2230)	7100 (2080)				
	-5	(-20.6)	8700 (2550)	8200 (2400)	7700 (2260)	7200 (2110)	6800 (1990)	6300 (1850)				
	-10	(-23.3)	7700 (2260)	7300 (2140)	6800 (1990)	6400 (1880)	6000 (1760)	5500 (1610)				
	-15	(-26.1)	6800 (1990)	6400 (1880)	6000 (1760)	5600 (1640)	5200 (1520)	4800 (1410)				
	-20	(-28.9)	6000 (1760)	5600 (1640)	5200 (1520)	4900 (1440)	4500 (1320)	4200 (1230)				
	-25	(-31.7)	5200 (1520)	4800 (1410)	4500 (1320)	4200 (1230)	3900 (1140)	3500 (1030)				
	-30	(-34.4)	4400 (1290)	4100 (1200)	3800 (1110)	3500 (1030)	3200 (940)	3000 (880)				
	-35	(-37.2)	3700 (1080)	3500 (1030)	3200 (940)	2900 (850)	2700 (790)	2400 (700)				
	-40	(-40.0)	3100 (910)	2800 (820)	2600 (760)	2300 (670)	2100 (620)	1900 (560)				
KESB015L6 Compressor Model 2FES-2	0	(-17.8)	14400 (4220)	13600 (3990)	12800 (3750)	12100 (3550)	11300 (3310)	10600 (3110)				
	-5	(-20.6)	12900 (3780)	12200 (3580)	11500 (3370)	10800 (3170)	10100 (2960)	9500 (2780)				
	-10	(-23.3)	11500 (3370)	10900 (3190)	10300 (3020)	9600 (2810)	9000 (2640)	8400 (2460)				
	-15	(-26.1)	10200 (2990)	9600 (2810)	9000 (2640)	8500 (2490)	7900 (2320)	7400 (2170)				
	-20	(-28.9)	9000 (2640)	8400 (2460)	7900 (2320)	7400 (2170)	6900 (2020)	6400 (1880)				
	-25	(-31.7)	7800 (2290)	7300 (2140)	6900 (2020)	6400 (1880)	6000 (1760)	5500 (1610)				
	-30	(-34.4)	6700 (1960)	6300 (1850)	5900 (1730)	5500 (1610)	5100 (1490)	4700 (1380)				
	-35	(-37.2)	5700 (1670)	5300 (1550)	4900 (1440)	4600 (1350)	4200 (1230)	3900 (1140)				
	-40	(-40.0)	4700 (1380)	4400 (1290)	4000 (1170)	3700 (1080)	3400 (1000)	3100 (910)				
KESB020L6 Compressor Model 2EES-2	0	(-17.8)	17700 (5190)	16800 (4920)	15900 (4660)	14900 (4370)	13900 (4070)	13000 (3810)				
	-5	(-20.6)	16000 (4690)	15100 (4430)	14300 (4190)	13400 (3930)	12500 (3660)	11700 (3430)				
	-10	(-23.3)	14300 (4190)	13500 (3960)	12800 (3750)	12000 (3520)	11200 (3280)	10400 (3050)				
	-15	(-26.1)	12700 (3720)	12000 (3520)	11300 (3310)	10600 (3110)	9900 (2900)	9200 (2700)				
	-20	(-28.9)	11200 (3280)	10600 (3110)	10000 (2930)	9300 (2730)	8700 (2550)	8100 (2370)				
	-25	(-31.7)	9800 (2870)	9200 (2700)	8600 (2520)	8100 (2370)	7500 (2200)	7000 (2050)				
	-30	(-34.4)	8400 (2460)	7900 (2320)	7400 (2170)	6900 (2020)	6400 (1880)	5900 (1730)				
	-35	(-37.2)	7200 (2110)	6700 (1960)	6300 (1850)	5800 (1700)	5300 (1550)	4900 (1440)				
	-40	(-40.0)	6000 (1760)	5600 (1640)	5200 (1520)	4800 (1410)	4300 (1260)	3900 (1140)				
KESB025L6 Compressor Model 2DES-2	0	(-17.8)	21500 (6300)	20400 (5980)	19300 (5660)	18100 (5300)	17000 (4980)	15800 (4630)				
	-5	(-20.6)	19400 (5690)	18400 (5390)	17400 (5100)	16300 (4780)	15300 (4480)	14300 (4190)				
	-10	(-23.3)	17400 (5100)	16500 (4840)	15500 (4540)	14600 (4280)	13700 (4020)	12800 (3750)				
	-15	(-26.1)	15500 (4540)	14600 (4280)	13800 (4040)	13000 (3810)	12100 (3550)	11300 (3310)				
	-20	(-28.9)	13600 (3990)	12900 (3780)	12200 (3580)	11400 (3340)	10700 (3140)	9900 (2900)				
	-25	(-31.7)	11900 (3490)	11300 (3310)	10600 (3110)	9900 (2900)	9300 (2730)	8600 (2520)				
	-30	(-34.4)	10300 (3020)	9700 (2840)	9100 (2670)	8500 (2490)	7900 (2320)	7300 (2140)				
	-35	(-37.2)	8800 (2580)	8300 (2430)	7700 (2260)	7200 (2110)	6700 (1960)	6100 (1790)				
	-40	(-40.0)	7400 (2170)	6900 (2020)	6400 (1880)	5900 (1730)	5500 (1610)	5000 (1470)				

table continues on next page >>>

CAPACITY DATA - R404A R507

LOW TEMPERATURE (cont'd)

60Hz

MODEL	SAT. SUCTION TEMPERATURE		CAPACITY BTU/H (WATTS)						R404A	R507	AMBIENT TEMPERATURE °F (°C)					
	KES	° F	° C	85	(29.4)	90	(32.2)	95	(35.0)	100	(37.8)	105	(40.6)	110	(43.3)	
KESB030L6	Compressor Model 2CES-3	0	(-17.8)	28300	(8290)	26900	(7880)	25500	(7470)	24100	(7060)	22700	(6650)	21200	(6210)	
		-5	(-20.6)	25400	(7440)	24200	(7090)	22900	(6710)	21600	(6330)	20400	(5980)	19100	(5600)	
		-10	(-23.3)	22700	(6650)	21600	(6330)	20500	(6010)	19300	(5660)	18200	(5330)	17000	(4980)	
		-15	(-26.1)	20200	(5920)	19200	(5630)	18200	(5330)	17200	(5040)	16100	(4720)	15100	(4430)	
		-20	(-28.9)	17800	(5220)	16900	(4950)	16000	(4690)	15100	(4430)	14200	(4160)	13200	(3870)	
		-25	(-31.7)	15600	(4570)	14800	(4340)	14000	(4100)	13200	(3870)	12300	(3600)	11500	(3370)	
		-30	(-34.4)	13500	(3960)	12800	(3750)	12100	(3550)	11300	(3310)	10600	(3110)	9900	(2900)	
		-35	(-37.2)	11500	(3370)	10900	(3190)	10300	(3020)	9600	(2810)	9000	(2640)	8300	(2430)	
-40	(-40.0)	9700	(2840)	9100	(2670)	8600	(2520)	8000	(2340)	7400	(2170)	6800	(1990)			
KESB031L6	Compressor Model 4FES-3	0	(-17.8)	29800	(8730)	28400	(8320)	26900	(7880)	25400	(7440)	23900	(7000)	22400	(6560)	
		-5	(-20.6)	26800	(7850)	25500	(7470)	24200	(7090)	22900	(6710)	21500	(6300)	20200	(5920)	
		-10	(-23.3)	23900	(7000)	22800	(6680)	21600	(6330)	20500	(6010)	19300	(5660)	18100	(5300)	
		-15	(-26.1)	21300	(6240)	20300	(5950)	19200	(5630)	18200	(5330)	17100	(5010)	16100	(4720)	
		-20	(-28.9)	18800	(5510)	17900	(5250)	17000	(4980)	16100	(4720)	15200	(4450)	14200	(4160)	
		-25	(-31.7)	16500	(4840)	15700	(4600)	14900	(4370)	14100	(4130)	13300	(3900)	12500	(3660)	
		-30	(-34.4)	14400	(4220)	13700	(4020)	13000	(3810)	12300	(3600)	11600	(3400)	10800	(3170)	
		-35	(-37.2)	12400	(3630)	11800	(3460)	11200	(3280)	10600	(3110)	9900	(2900)	9300	(2730)	
-40	(-40.0)	10600	(3110)	10100	(2960)	9600	(2810)	9000	(2640)	8400	(2460)	7800	(2290)			
KESB039L6	Compressor Model 4EES-4	0	(-17.8)	37800	(11080)	36000	(10550)	34200	(10020)	32300	(9470)	30400	(8910)	28600	(8380)	
		-5	(-20.6)	34000	(9960)	32400	(9500)	30700	(9000)	29000	(8500)	27400	(8030)	25700	(7530)	
		-10	(-23.3)	30400	(8910)	28900	(8470)	27500	(8060)	26000	(7620)	24500	(7180)	23000	(6740)	
		-15	(-26.1)	27000	(7910)	25700	(7530)	24400	(7150)	23100	(6770)	21800	(6390)	20400	(5980)	
		-20	(-28.9)	23900	(7000)	22700	(6650)	21600	(6330)	20400	(5980)	19200	(5630)	18000	(5280)	
		-25	(-31.7)	20900	(6130)	19900	(5830)	18900	(5540)	17900	(5250)	16800	(4920)	15800	(4630)	
		-30	(-34.4)	18200	(5330)	17400	(5100)	16400	(4810)	15500	(4540)	14600	(4280)	13700	(4020)	
		-35	(-37.2)	15700	(4600)	15000	(4400)	14200	(4160)	13400	(3930)	12500	(3660)	11700	(3430)	
-40	(-40.0)	13500	(3960)	12800	(3750)	12000	(3520)	11300	(3310)	10600	(3110)	9900	(2900)			
KESB050L6	Compressor Model 4DES-5	0	(-17.8)	46300	(13570)	44100	(12920)	41900	(12280)	39700	(11630)	37500	(10990)	35200	(10320)	
		-5	(-20.6)	41500	(12160)	39500	(11580)	37500	(10990)	35600	(10430)	33600	(9850)	31600	(9260)	
		-10	(-23.3)	37000	(10840)	35300	(10350)	33500	(9820)	31700	(9290)	29900	(8760)	28100	(8240)	
		-15	(-26.1)	32800	(9610)	31300	(9170)	29700	(8700)	28100	(8240)	26500	(7770)	24900	(7300)	
		-20	(-28.9)	29000	(8500)	27600	(8090)	26200	(7680)	24800	(7270)	23400	(6860)	22000	(6450)	
		-25	(-31.7)	25400	(7440)	24200	(7090)	22900	(6710)	21700	(6360)	20400	(5980)	19200	(5630)	
		-30	(-34.4)	22100	(6480)	21000	(6150)	19900	(5830)	18800	(5510)	17700	(5190)	16600	(4860)	
		-35	(-37.2)	19000	(5570)	18100	(5300)	17100	(5010)	16100	(4720)	15200	(4450)	14200	(4160)	
-40	(-40.0)	16200	(4750)	15400	(4510)	14500	(4250)	13700	(4020)	12800	(3750)	12000	(3520)			
KESB060L6	Compressor Model 4CES-6	0	(-17.8)	53900	(15800)	51300	(15030)	48700	(14270)	46100	(13510)	43500	(12750)	40900	(11990)	
		-5	(-20.6)	48400	(14180)	46100	(13510)	43700	(12810)	41300	(12100)	39000	(11430)	36600	(10730)	
		-10	(-23.3)	43300	(12690)	41100	(12050)	39000	(11430)	36900	(10810)	34800	(10200)	32700	(9580)	
		-15	(-26.1)	38500	(11280)	36500	(10700)	34600	(10140)	32700	(9580)	30800	(9030)	28900	(8470)	
		-20	(-28.9)	34000	(9960)	32200	(9440)	30500	(8940)	28800	(8440)	27100	(7940)	25400	(7440)	
		-25	(-31.7)	29800	(8730)	28200	(8260)	26700	(7820)	25200	(7390)	23700	(6950)	22200	(6510)	
		-30	(-34.4)	25900	(7590)	24500	(7180)	23200	(6800)	21800	(6390)	20500	(6010)	19100	(5600)	
		-35	(-37.2)	22300	(6540)	21100	(6180)	19900	(5830)	18700	(5480)	17500	(5130)	16300	(4780)	
-40	(-40.0)	19000	(5570)	17900	(5250)	16800	(4920)	15700	(4600)	14700	(4310)	13700	(4020)			
KESB080L6	Compressor Model 4TES-9	0	(-17.8)	69600	(20400)	66100	(19370)	62700	(18380)	59200	(17350)	55800	(16350)	52300	(15330)	
		-5	(-20.6)	62200	(18230)	59100	(17320)	55900	(16380)	52800	(15470)	49700	(14570)	46600	(13660)	
		-10	(-23.3)	55300	(16210)	52400	(15360)	49600	(14540)	46800	(13720)	44000	(12900)	41200	(12070)	
		-15	(-26.1)	48800	(14300)	46300	(13570)	43700	(12810)	41200	(12070)	38700	(11340)	36200	(10610)	
		-20	(-28.9)	42800	(12540)	40500	(11870)	38300	(11220)	36000	(10550)	33800	(9910)	31600	(9260)	
		-25	(-31.7)	37200	(10900)	35200	(10320)	33200	(9730)	31200	(9140)	29200	(8560)	27300	(8000)	
		-30	(-34.4)	32100	(9410)	30300	(8880)	28500	(8350)	26700	(7820)	25000	(7330)	23200	(6800)	
		-35	(-37.2)	27400	(8030)	25800	(7560)	24200	(7090)	22600	(6620)	21100	(6180)	19500	(5710)	
-40	(-40.0)	23000	(6740)	21600	(6330)	20200	(5920)	18800	(5510)	17500	(5130)	16100	(4720)			
KESB100L6	Compressor Model 4PES-12	0	(-17.8)	77000	(22570)	72900	(21360)	68800	(20160)	64800	(18990)	60800	(17820)	56700	(16620)	
		-5	(-20.6)	68700	(20130)	65000	(19050)	61300	(17970)	57700	(16910)	54000	(15830)	50400	(14770)	
		-10	(-23.3)	60900	(17850)	57600	(16880)	54300	(15910)	51000	(14950)	47700	(13980)	44400	(13010)	
		-15	(-26.1)	53600	(15710)	50700	(14860)	47700	(13980)	44700	(13100)	41700	(12220)	38800	(11370)	
		-20	(-28.9)	46900	(13740)	44200	(12950)	41500	(12160)	38900	(11400)	36200	(10610)	33600	(9850)	
		-25	(-31.7)	40600	(11900)	38200	(11200)	35800	(10490)	33400	(9790)	31100	(9110)	28800	(8440)	
		-30	(-34.4)	34800	(10200)	32700	(9580)	30500	(8940)	28400	(8320)	26300	(7710)	24300	(7120)	
		-35	(-37.2)	29500	(8650)	27600	(8090)	25700	(7530)	23800	(6980)	21900	(6420)	20100	(5890)	
-40	(-40.0)	24600	(7210)	22900	(6710)	21200	(6210)	19500	(5710)	17800	(5220)	16200	(4750)			
KESB120L6	Compressor Model 4NES-14	0	(-17.8)	89000	(26080)	84400	(24740)	79800	(23390)	75200	(22040)	70600	(20690)	66000	(19340)	
		-5	(-20.6)	79900	(23420)	75800	(22210)	71600	(20980)	67400	(19750)	63300	(18550)	59100	(17320)	
		-10	(-23.3)	71400	(20930)	67600	(19810)	63900	(18730)	60100	(17610)	56300	(16500)	52600	(15420)	
		-15	(-26.1)	63300	(18550)	59900	(17550)	56600	(16590)	53200	(15590)	49800	(14590)	46400	(13600)	
		-20	(-28.9)	55800	(16350)	52700	(15440)	49700	(14570)	46700	(13690)	43700	(12810)	40600	(11900)	
		-25	(-31.7)	48700	(14270)	46000	(13480)	43300	(12690)	40600	(11900)	37900	(11110)	35200	(10320)	
		-30	(-34.4)	42200	(12370)	39800	(11660)	37400	(10960)	34900	(10230)	32500	(9520)	30100	(8820)	
		-35	(-37.2)	36100	(10580)	34000	(9960)	31800	(9320)	29700	(8700)	27500	(8060)	25400	(7440)	
-40	(-40.0)	30600	(8970)	28600	(8380)	26700	(7820)	24700	(7240)	22800	(6680)	20900	(6130)			

CAPACITY DATA - **R22**

HIGH / MEDIUM TEMPERATURE

60Hz

MODEL KES	SATURATED SUCTION TEMPERATURE		CAPACITY BTU/H (WATTS) R22 AMBIENT TEMPERATURE °F (°C)											
	° F	° C	85	(29.4)	90	(32.2)	95	(35.0)	100	(37.8)	105	(40.6)	110	(43.3)
KESB010H8 Compressor Model 2KES-05	45	(7.2)	15500	(4540)	14900	(4370)	14300	(4190)	13800	(4040)	13300	(3900)	12700	(3720)
	40	(4.4)	14000	(4100)	13500	(3960)	13000	(3810)	12400	(3630)	11900	(3490)	11500	(3370)
	35	(1.7)	12600	(3690)	12100	(3550)	11700	(3430)	11200	(3280)	10700	(3140)	10300	(3020)
	30	(-1.1)	11400	(3340)	10900	(3190)	10500	(3080)	10000	(2930)	9600	(2810)	9200	(2700)
	25	(-3.9)	10200	(2990)	9800	(2870)	9300	(2730)	8900	(2610)	8500	(2490)	8200	(2400)
	20	(-6.7)	9100	(2670)	8700	(2550)	8300	(2430)	8000	(2340)	7600	(2230)	7300	(2140)
	15	(-9.4)	8100	(2370)	7700	(2260)	7400	(2170)	7000	(2050)	6700	(1960)	6400	(1880)
	10	(-12.2)	7200	(2110)	6800	(1990)	6500	(1900)	6200	(1820)	5900	(1730)	5700	(1670)
	5	(-15.0)	6300	(1850)	6000	(1760)	5700	(1670)	5500	(1610)	5200	(1520)	5000	(1470)
KESB015H8 Compressor Model 2JES-07	45	(7.2)	20000	(5860)	19200	(5630)	18500	(5420)	17800	(5220)	17100	(5010)	16400	(4810)
	40	(4.4)	18200	(5330)	17500	(5130)	16900	(4950)	16200	(4750)	15600	(4570)	14900	(4370)
	35	(1.7)	16600	(4860)	15900	(4660)	15300	(4480)	14700	(4310)	14100	(4130)	13500	(3960)
	30	(-1.1)	15000	(4400)	14400	(4220)	13900	(4070)	13300	(3900)	12800	(3750)	12200	(3580)
	25	(-3.9)	13500	(3960)	13000	(3810)	12500	(3660)	12000	(3520)	11500	(3370)	11000	(3220)
	20	(-6.7)	12200	(3580)	11700	(3430)	11200	(3280)	10800	(3170)	10300	(3020)	9800	(2870)
	15	(-9.4)	10900	(3190)	10500	(3080)	10000	(2930)	9600	(2810)	9200	(2700)	8800	(2580)
	10	(-12.2)	9700	(2840)	9300	(2730)	8900	(2610)	8500	(2490)	8200	(2400)	7800	(2290)
	5	(-15.0)	8600	(2520)	8300	(2430)	7900	(2320)	7600	(2230)	7200	(2110)	6900	(2020)
KESB020H8 Compressor Model 2HES-2	45	(7.2)	24100	(7060)	23300	(6830)	22500	(6590)	21600	(6330)	20800	(6100)	20100	(5890)
	40	(4.4)	22200	(6510)	21400	(6270)	20600	(6040)	19800	(5800)	19100	(5600)	18400	(5390)
	35	(1.7)	20300	(5950)	19600	(5740)	18800	(5510)	18100	(5300)	17500	(5130)	16800	(4920)
	30	(-1.1)	18500	(5420)	17900	(5250)	17200	(5040)	16500	(4840)	15900	(4660)	15300	(4480)
	25	(-3.9)	16900	(4950)	16200	(4750)	15600	(4570)	15000	(4400)	14400	(4220)	13900	(4070)
	20	(-6.7)	15300	(4480)	14700	(4310)	14100	(4130)	13600	(3990)	13100	(3840)	12500	(3660)
	15	(-9.4)	13800	(4040)	13300	(3900)	12800	(3750)	12300	(3600)	11800	(3460)	11300	(3310)
	10	(-12.2)	12400	(3630)	11900	(3490)	11500	(3370)	11000	(3220)	10600	(3110)	10100	(2960)
	5	(-15.0)	11100	(3250)	10700	(3140)	10300	(3020)	9800	(2870)	9400	(2750)	9000	(2640)
KESB025H8 Compressor Model 2GES-2	45	(7.2)	28400	(8320)	27500	(8060)	26600	(7800)	25700	(7530)	24800	(7270)	23900	(7000)
	40	(4.4)	26100	(7650)	25200	(7390)	24400	(7150)	23500	(6890)	22700	(6650)	21900	(6420)
	35	(1.7)	23900	(7000)	23100	(6770)	22300	(6540)	21500	(6300)	20800	(6100)	20000	(5860)
	30	(-1.1)	21900	(6420)	21100	(6180)	20400	(5980)	19600	(5740)	18900	(5540)	18200	(5330)
	25	(-3.9)	19900	(5830)	19200	(5630)	18500	(5420)	17900	(5250)	17200	(5040)	16600	(4860)
	20	(-6.7)	18100	(5300)	17400	(5100)	16800	(4920)	16200	(4750)	15600	(4570)	15000	(4400)
	15	(-9.4)	16400	(4810)	15800	(4630)	15200	(4450)	14600	(4280)	14100	(4130)	13500	(3960)
	10	(-12.2)	14800	(4340)	14200	(4160)	13700	(4020)	13200	(3870)	12700	(3720)	12200	(3580)
	5	(-15.0)	13300	(3900)	12800	(3750)	12300	(3600)	11800	(3460)	11300	(3310)	10900	(3190)

table continues on next page >>>

CAPACITY DATA - **R22**

HIGH / MEDIUM TEMPERATURE (cont'd)

MODEL KES	SATURATED SUCTION TEMPERATURE		CAPACITY BTU/H (WATTS) R22					AMBIENT TEMPERATURE °F (°C)				
	° F	° C	85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)				
KESB029H8 Compressor Model 2FES-3	45 (7.2)		36700 (10760)	35500 (10400)	34200 (10020)	33000 (9670)	31800 (9320)	30500 (8940)				
	40 (4.4)		33600 (9850)	32500 (9520)	31300 (9170)	30200 (8850)	29000 (8500)	27900 (8180)				
	35 (1.7)		30700 (9000)	29600 (8670)	28600 (8380)	27500 (8060)	26500 (7770)	25400 (7440)				
	30 (-1.1)		28000 (8210)	27000 (7910)	26000 (7620)	25000 (7330)	24000 (7030)	23100 (6770)				
	25 (-3.9)		25400 (7440)	24500 (7180)	23600 (6920)	22700 (6650)	21800 (6390)	20900 (6130)				
	20 (-6.7)		23000 (6740)	22100 (6480)	21300 (6240)	20500 (6010)	19700 (5770)	18800 (5510)				
	15 (-9.4)		20700 (6070)	20000 (5860)	19200 (5630)	18400 (5390)	17700 (5190)	17000 (4980)				
	10 (-12.2)		18600 (5450)	17900 (5250)	17200 (5040)	16500 (4840)	15900 (4660)	15200 (4450)				
	5 (-15.0)		16700 (4890)	16000 (4690)	15400 (4510)	14800 (4340)	14200 (4160)	13600 (3990)				
KESB030H8 Compressor Model 2EES-3	45 (7.2)		44800 (13130)	43300 (12690)	41800 (12250)	40400 (11840)	39000 (11430)	37600 (11020)				
	40 (4.4)		41000 (12020)	39700 (11630)	38300 (11220)	37000 (10840)	35700 (10460)	34400 (10080)				
	35 (1.7)		37500 (10990)	36200 (10610)	35000 (10260)	33700 (9880)	32500 (9520)	31300 (9170)				
	30 (-1.1)		34100 (9990)	33000 (9670)	31800 (9320)	30700 (9000)	29600 (8670)	28500 (8350)				
	25 (-3.9)		31000 (9090)	29900 (8760)	28800 (8440)	27800 (8150)	26800 (7850)	25800 (7560)				
	20 (-6.7)		28000 (8210)	27000 (7910)	26000 (7620)	25100 (7360)	24100 (7060)	23200 (6800)				
	15 (-9.4)		25300 (7410)	24300 (7120)	23400 (6860)	22600 (6620)	21700 (6360)	20900 (6130)				
	10 (-12.2)		22700 (6650)	21800 (6390)	21000 (6150)	20200 (5920)	19400 (5690)	18600 (5450)				
	5 (-15.0)		20200 (5920)	19500 (5710)	18700 (5480)	18000 (5280)	17300 (5070)	16600 (4860)				
KESB035H8 Compressor Model 2DES-3	45 (7.2)		53800 (15770)	52000 (15240)	50300 (14740)	48600 (14240)	46900 (13740)	45300 (13280)				
	40 (4.4)		49300 (14450)	47700 (13980)	46100 (13510)	44500 (13040)	42900 (12570)	41400 (12130)				
	35 (1.7)		45000 (13190)	43500 (12750)	42000 (12310)	40600 (11900)	39100 (11460)	37700 (11050)				
	30 (-1.1)		41000 (12020)	39600 (11610)	38200 (11200)	36900 (10810)	35600 (10430)	34300 (10050)				
	25 (-3.9)		37200 (10900)	35900 (10520)	34700 (10170)	33400 (9790)	32200 (9440)	31000 (9090)				
	20 (-6.7)		33700 (9880)	32500 (9520)	31300 (9170)	30200 (8850)	29100 (8530)	28000 (8210)				
	15 (-9.4)		30400 (8910)	29300 (8590)	28200 (8260)	27200 (7970)	26200 (7680)	25200 (7390)				
	10 (-12.2)		27300 (8000)	26300 (7710)	25300 (7410)	24300 (7120)	23400 (6860)	22500 (6590)				
	5 (-15.0)		24400 (7150)	23500 (6890)	22600 (6620)	21700 (6360)	20900 (6130)	20000 (5860)				
KESB040H8 Compressor Model 2CES-4	45 (7.2)		63700 (18670)	61600 (18050)	59600 (17470)	57700 (16910)	55700 (16320)	53800 (15770)				
	40 (4.4)		58500 (17140)	56600 (16590)	54800 (16060)	52900 (15500)	51100 (14980)	49300 (14450)				
	35 (1.7)		53600 (15710)	51800 (15180)	50100 (14680)	48400 (14180)	46700 (13690)	45100 (13220)				
	30 (-1.1)		49000 (14360)	47300 (13860)	45700 (13390)	44200 (12950)	42600 (12480)	41100 (12050)				
	25 (-3.9)		44600 (13070)	43100 (12630)	41600 (12190)	40100 (11750)	38700 (11340)	37400 (10960)				
	20 (-6.7)		40400 (11840)	39000 (11430)	37700 (11050)	36400 (10670)	35100 (10290)	33800 (9910)				
	15 (-9.4)		36500 (10700)	35300 (10350)	34000 (9960)	32800 (9610)	31600 (9260)	30500 (8940)				
	10 (-12.2)		32900 (9640)	31700 (9290)	30600 (8970)	29500 (8650)	28400 (8320)	27400 (8030)				
	5 (-15.0)		29500 (8650)	28400 (8320)	27400 (8030)	26400 (7740)	25400 (7440)	24500 (7180)				
KESB050H8 Compressor Model 4FES-5	45 (7.2)		71800 (21040)	69400 (20340)	67000 (19640)	64600 (18930)	62300 (18260)	60100 (17610)				
	40 (4.4)		65700 (19250)	63400 (18580)	61200 (17940)	59000 (17290)	56900 (16680)	54800 (16060)				
	35 (1.7)		59900 (17550)	57800 (16940)	55800 (16350)	53800 (15770)	51800 (15180)	49800 (14590)				
	30 (-1.1)		54500 (15970)	52600 (15420)	50700 (14860)	48800 (14300)	46900 (13740)	45100 (13220)				
	25 (-3.9)		49400 (14480)	47600 (13950)	45800 (13420)	44100 (12920)	42400 (12430)	40800 (11960)				
	20 (-6.7)		44600 (13070)	43000 (12600)	41300 (12100)	39700 (11630)	38200 (11200)	36700 (10760)				
	15 (-9.4)		40100 (11750)	38600 (11310)	37100 (10870)	35700 (10460)	34200 (10020)	32900 (9640)				
	10 (-12.2)		36000 (10550)	34600 (10140)	33200 (9730)	31900 (9350)	30600 (8970)	29300 (8590)				
	5 (-15.0)		32100 (9410)	30800 (9030)	29500 (8650)	28300 (8290)	27100 (7940)	26000 (7620)				
KESB060H8 Compressor Model 4EES-6	45 (7.2)		87400 (25610)	84500 (24760)	81600 (23910)	78800 (23090)	76000 (22270)	73200 (21450)				
	40 (4.4)		80200 (23500)	77500 (22710)	74800 (21920)	72100 (21130)	69500 (20370)	67000 (19640)				
	35 (1.7)		73400 (21510)	70800 (20750)	68300 (20020)	65900 (19310)	63500 (18610)	61100 (17910)				
	30 (-1.1)		66900 (19610)	64500 (18900)	62200 (18230)	59900 (17550)	57700 (16910)	55600 (16290)				
	25 (-3.9)		60800 (17820)	58600 (17170)	56500 (16560)	54400 (15940)	52300 (15330)	50300 (14740)				
	20 (-6.7)		55000 (16120)	53000 (15530)	51100 (14980)	49100 (14390)	47200 (13830)	45400 (13310)				
	15 (-9.4)		49700 (14570)	47800 (14010)	46000 (13480)	44200 (12950)	42500 (12460)	40800 (11960)				
	10 (-12.2)		44600 (13070)	42900 (12570)	41200 (12070)	39600 (11610)	38000 (11140)	36500 (10700)				
	5 (-15.0)		39900 (11690)	38400 (11250)	36800 (10780)	35300 (10350)	33900 (9940)	32500 (9520)				

table continues on next page >>>

CAPACITY DATA - **R22**

HIGH / MEDIUM TEMPERATURE (cont'd)

MODEL KES	SATURATED SUCTION TEMPERATURE		CAPACITY BTU/H (WATTS) R22 AMBIENT TEMPERATURE °F (°C)									
	° F	° C	85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)				
KESB076H8 Compressor Model 4DES-7	45 (7.2)		107900 (31620)	104400 (30600)	100900 (29570)	97400 (28550)	94000 (27550)	90700 (26580)				
	40 (4.4)		98900 (28980)	95600 (28020)	92300 (27050)	89100 (26110)	86000 (25200)	82900 (24300)				
	35 (1.7)		90300 (26460)	87200 (25560)	84200 (24680)	81200 (23800)	78300 (22950)	75500 (22130)				
	30 (-1.1)		82200 (24090)	79400 (23270)	76600 (22450)	73800 (21630)	71100 (20840)	68500 (20080)				
	25 (-3.9)		74600 (21860)	72000 (21100)	69400 (20340)	66900 (19610)	64400 (18870)	62000 (18170)				
	20 (-6.7)		67500 (19780)	65100 (19080)	62700 (18380)	60400 (17700)	58100 (17030)	55900 (16380)				
	15 (-9.4)		60800 (17820)	58600 (17170)	56400 (16530)	54300 (15910)	52200 (15300)	50200 (14710)				
	10 (-12.2)		54600 (16000)	52600 (15420)	50600 (14830)	48600 (14240)	46700 (13690)	44900 (13160)				
	5 (-15.0)		48800 (14300)	47000 (13770)	45100 (13220)	43300 (12690)	41600 (12190)	40000 (11720)				
KESB090H8 Compressor Model 4CES-9	45 (7.2)		127800 (37450)	123600 (36220)	119500 (35020)	115500 (33850)	111500 (32680)	107700 (31560)				
	40 (4.4)		117400 (34410)	113500 (33260)	109700 (32150)	105900 (31040)	102300 (29980)	98700 (28930)				
	35 (1.7)		107500 (31510)	103900 (30450)	100300 (29390)	96900 (28400)	93500 (27400)	90100 (26410)				
	30 (-1.1)		98100 (28750)	94800 (27780)	91500 (26820)	88300 (25880)	85200 (24970)	82100 (24060)				
	25 (-3.9)		89300 (26170)	86200 (25260)	83200 (24380)	80200 (23500)	77400 (22680)	74500 (21830)				
	20 (-6.7)		81000 (23740)	78200 (22920)	75400 (22100)	72700 (21310)	70000 (20510)	67400 (19750)				
	15 (-9.4)		73200 (21450)	70600 (20690)	68000 (19930)	65600 (19230)	63100 (18490)	60800 (17820)				
	10 (-12.2)		65900 (19310)	63500 (18610)	61200 (17940)	58900 (17260)	56700 (16620)	54600 (16000)				
	5 (-15.0)		59100 (17320)	56900 (16680)	54800 (16060)	52700 (15440)	50700 (14860)	48800 (14300)				
KESB100H8 Compressor Model 4VES-10	45 (7.2)		138700 (40650)	134400 (39390)	130100 (38130)	125800 (36870)	121500 (35610)	117200 (34350)				
	40 (4.4)		127100 (37250)	123100 (36080)	119100 (34900)	115100 (33730)	111100 (32560)	107100 (31390)				
	35 (1.7)		116000 (34000)	112300 (32910)	108600 (31830)	104900 (30740)	101200 (29660)	97500 (28570)				
	30 (-1.1)		105600 (30950)	102200 (29950)	98700 (28930)	95300 (27930)	91900 (26930)	88400 (25910)				
	25 (-3.9)		95800 (28080)	92600 (27140)	89400 (26200)	86300 (25290)	83100 (24350)	79900 (23420)				
	20 (-6.7)		86600 (25380)	83600 (24500)	80700 (23650)	77800 (22800)	74800 (21920)	71900 (21070)				
	15 (-9.4)		77900 (22830)	75200 (22040)	72500 (21250)	69800 (20460)	67100 (19660)	64400 (18870)				
	10 (-12.2)		69800 (20460)	67300 (19720)	64800 (18990)	62300 (18260)	59800 (17530)	57400 (16820)				
	5 (-15.0)		62200 (18230)	59900 (17550)	57600 (16880)	55300 (16210)	53100 (15560)	50800 (14890)				
KESB121H8 Compressor Model 4TES-12	45 (7.2)		173200 (50760)	168000 (49240)	162800 (47710)	157600 (46190)	152400 (44660)	147200 (43140)				
	40 (4.4)		158400 (46420)	153600 (45020)	148700 (43580)	143900 (42170)	139100 (40770)	134300 (39360)				
	35 (1.7)		144400 (42320)	139900 (41000)	135500 (39710)	131000 (38390)	126500 (37070)	122100 (35780)				
	30 (-1.1)		131300 (38480)	127100 (37250)	123000 (36050)	118900 (34850)	114800 (33640)	110600 (32410)				
	25 (-3.9)		118900 (34850)	115100 (33730)	111300 (32620)	107500 (31510)	103700 (30390)	99900 (29280)				
	20 (-6.7)		107400 (31480)	103800 (30420)	100300 (29390)	96800 (28370)	93300 (27340)	89800 (26320)				
	15 (-9.4)		96500 (28280)	93300 (27340)	90100 (26410)	86900 (25470)	83600 (24500)	80400 (23560)				
	10 (-12.2)		86400 (25320)	83500 (24470)	80500 (23590)	77500 (22710)	74600 (21860)	71600 (20980)				
	5 (-15.0)		77000 (22570)	74300 (21780)	71600 (20980)	68900 (20190)	66100 (19370)	63400 (18580)				
KESB150H8 Compressor Model 4PES-15	45 (7.2)		195400 (57270)	189300 (55480)	183200 (53690)	177100 (51900)	171000 (50110)	165000 (48360)				
	40 (4.4)		178800 (52400)	173100 (50730)	167400 (49060)	161800 (47420)	156100 (45750)	150500 (44110)				
	35 (1.7)		163100 (47800)	157800 (46250)	152500 (44690)	147300 (43170)	142000 (41620)	136800 (40090)				
	30 (-1.1)		148200 (43430)	143300 (42000)	138500 (40590)	133600 (39150)	128700 (37720)	123900 (36310)				
	25 (-3.9)		134300 (39360)	129700 (38010)	125200 (36690)	120700 (35370)	116200 (34050)	111700 (32740)				
	20 (-6.7)		121200 (35520)	117000 (34290)	112800 (33060)	108700 (31860)	104500 (30630)	100400 (29420)				
	15 (-9.4)		108900 (31920)	105000 (30770)	101200 (29660)	97300 (28520)	93500 (27400)	89700 (26290)				
	10 (-12.2)		97400 (28550)	93800 (27490)	90300 (26460)	86800 (25440)	83300 (24410)	79800 (23390)				
	5 (-15.0)		86700 (25410)	83400 (24440)	80200 (23500)	76900 (22540)	73700 (21600)	70400 (20630)				
KESB200H8 Compressor Model 4NES-20	45 (7.2)		222800 (65300)	215900 (63270)	209000 (61250)	202200 (59260)	195300 (57240)	188400 (55210)				
	40 (4.4)		204400 (59900)	198000 (58030)	191500 (56120)	185100 (54250)	178700 (52370)	172300 (50500)				
	35 (1.7)		186900 (54770)	180900 (53020)	174900 (51260)	169000 (49530)	163000 (47770)	157100 (46040)				
	30 (-1.1)		170300 (49910)	164800 (48300)	159200 (46660)	153700 (45040)	148200 (43430)	142700 (41820)				
	25 (-3.9)		154600 (45310)	149500 (43810)	144400 (42320)	139300 (40820)	134200 (39330)	129100 (37840)				
	20 (-6.7)		139900 (41000)	135200 (39620)	130400 (38220)	125700 (36840)	121000 (35460)	116400 (34110)				
	15 (-9.4)		126000 (36930)	121700 (35670)	117300 (34380)	113000 (33120)	108700 (31860)	104400 (30600)				
	10 (-12.2)		113000 (33120)	109000 (31940)	105000 (30770)	101000 (29600)	97100 (28460)	93100 (27280)				
	5 (-15.0)		100800 (29540)	97200 (28490)	93500 (27400)	89800 (26320)	86200 (25260)	82500 (24180)				

MODEL KES		COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		CONDENSER FAN MOTOR			MCA	MOP
				RLA	LRA	QTY	WATTS	FLA		
KESA008H2-*	S2B	KAN2-0075-CAV	208-230/1/60	6.1	36	1	130	0.5	8.1	15
	T3B	KAN1-0075-TAC	208-230/3/60	3.5	19.9	1	130	0.5	4.9	15
KESA010H2-*	S2B	KAR2-0100-CAV	208-230/1/60	7.4	40	1	130	0.5	9.8	15
	T3B	KAR1-0100-TAC	208-230/3/60	4.3	27	1	130	0.5	5.9	15
KESA015H2-*	S2B	KAGB-0150-CAV	208-230/1/60	9.6	55	1	240	1.1	13.1	20
	T3B	KAGA-0150-TAC	208-230/3/60	5.5	35.5	1	240	1.1	8.0	15
	T4B	KAGA-0150-TAD	460/3/60	2.5	18.2	1	240	0.6	3.7	15
KESA020H2-*	S2B	KAKB-0200-CAV	208-230/1/60	10.6	55	1	240	1.1	14.4	25
	T3B	KAKA-0200-TAC	208-230/3/60	6.8	50	1	240	1.1	9.6	15
	T4B	KAKA-0200-TAD	460/3/60	3.0	25	1	240	0.6	4.4	15
KESA030H2-*	S3A	ERF2-0310-CAB	230/1/60	17.0	86	1	400	2.1	23.4	40
	T3B	ERF1-0310-TAC	208-230/3/60	11.7	82	1	400	2.1	16.7	25
	T4B	ERF1-0310-TAD	460/3/60	6.4	41	1	400	0.9	8.9	15
KESA008M2-*	S2B	KAE2-0075-CAV	208-230/1/60	5.4	36	1	130	0.5	7.3	15
	T3B	KAE1-0075-TAC	208-230/3/60	3.4	19.9	1	130	0.5	4.8	15
KESA010M2-*	S2B	KAM2-0100-CAV	208-230/1/60	7.5	40	1	130	0.5	9.9	15
	T3B	KAM1-0100-TAC	208-230/3/60	4.5	27	1	130	0.5	6.1	15
KESA021M2-*	S3A	ERC2-0200-CAB	230/1/60	10.9	58	1	240	1.1	14.7	25
	T3B	ERC1-0200-TAC	208-230/3/60	6.8	46	1	240	1.1	9.6	15
	T4B	ERC1-0200-TAD	460/3/60	3.6	23	1	240	0.6	5.1	15
	T5B	ERC1-0200-TAE	575/3/60	3.2	20	1	240	0.5	4.5	15
KESA010M6-*	S2B	KARB-010E-CAV	208-230/1/60	7.1	40	1	130	0.5	9.4	15
	T3B	KARA-010E-TAC	208-230/3/60	4.3	27	1	130	0.5	5.9	15
KESA020M6-*	S2B	KAKB-021E-CAV	208-230/1/60	10.1	55	1	240	1.1	13.7	20
	T3B	KAKA-020E-TAC	208-230/3/60	6.5	50	1	240	1.1	9.2	15
	T4B	KAKA-022E-TAD	460/3/60	3.0	25	1	240	0.6	4.4	15
KESA021M6-*	T3B	ERCA-021E-TAC	208-230/3/60	8.8	46	1	240	1.1	12.1	20
	T4B	ERCA-020E-TAD	460/3/60	3.5	23	1	240	0.6	5.0	15
	T5B	ERCA-020E-TAE	575/3/60	3.1	20	1	240	0.5	4.4	15
KESA030M6-*	S3A	ERFB-031E-CAB	230/1/60	17.0	86	1	400	2.1	23.4	40
	T3B	ERFA-031E-TAC	208-230/3/60	12.4	82	1	400	2.1	17.6	30
	T4B	ERFA-031E-TAD	460/3/60	5.8	41	1	400	1.1	8.4	15
	T5B	ERFA-031E-TAE	575/3/60	5.2	30	1	400	0.9	7.4	15
KESA050H8-*	T3B	2DC3R53KE-TFC	208-230/3/60	22.3	120	1	400	2.1	30.0	50
	T4B	2DC3R53KE-TFD	460/3/60	10.4	60	1	400	1.1	14.1	20
	T5B	2DC3R53KE-TFE	575/3/60	7.7	49	1	400	0.9	10.5	15
KESA051H8-*	T3B	2DD3R63KE-TFC	208-230/3/60	22.3	120	1	400	2.1	30.0	50
	T4B	2DD3R63KE-TFD	460/3/60	10.5	60	1	400	1.1	14.2	20
	T5B	2DD3R63KE-TFE	575/3/60	7.9	49	1	400	0.9	10.8	15
KESA075H8-*	T3B	2DL3R78KE-TFC	208-230/3/60	31.6	169	1	400	2.1	41.6	70
	T4B	2DL3R78KE-TFD	460/3/60	13.8	85	1	400	1.1	18.4	30
	T5B	2DL3R78KE-TFE	575/3/60	13.2	67	1	400	0.9	17.4	30
KESA077H8-*	T3B	2DA3R89KE-TFC	208-230/3/60	32.0	169	2	800	4.2	44.2	70
	T4B	2DA3R89KE-TFD	460/3/60	14.1	85	2	800	2.2	19.8	30
	T5B	2DA3R89KE-TFE	575/3/60	13.3	67	2	800	1.8	18.4	30
KESA080H8-*	T3B	3DA3R10ME-TFC	208-230/3/60	41.0	215	2	800	4.2	55.5	90
	T4B	3DA3R10ME-TFD	460/3/60	20.0	106	2	800	2.2	27.2	45
	T5B	3DA3R10ME-TFE	575/3/60	16.5	84	2	800	1.8	22.4	35
KESA100H8-*	T3B	3DB3R12ME-TFC	208-230/3/60	43.6	215	2	800	4.2	58.7	100
	T4B	3DB3R12ME-TFD	460/3/60	20.0	106	2	800	2.2	27.2	45
	T5B	3DB3R12ME-TFE	575/3/60	16.5	84	2	800	1.8	22.4	35
KESA120H8-*	T3B	3DF3R15ME-TFC	208-230/3/60	48.1	275	2	1560	7.2	67.3	110
	T4B	3DF3R15ME-TFD	460/3/60	23.6	138	2	1560	3.4	32.9	50
KESA150H8-*	T3B	3DS3R17ME-TFC	208-230/3/60	59.6	275	2	1560	7.2	81.7	125
	T4B	3DS3R17ME-TFD	460/3/60	29.0	138	2	1560	3.4	39.7	60
	T5B	3DS3R17ME-TFE	575/3/60	23.6	110	2	1560	2.8	32.3	50

* I = Indoor, H = Outdoor. Above listed RLA value is based on UL rating method and may differ from published compressor RLA data.

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ELECTRICAL DATA

COPELAND MODELS (cont'd)

MODEL KES	COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		CONDENSER FAN MOTOR			MCA	MOP
			RLA	LRA	QTY	WATTS	FLA		
KESA005L8-*	S2B KANB-005E-CAV	208-230/1/60	3.6	24	1	130	0.5	5.0	15
	T3B KANA-006E-TAC	208-230/3/60	2.2	13.2	1	130	0.5	3.3	15
KESA008L8-*	S2B KAMB-007E-CAV	208-230/1/60	5.6	36	1	130	0.5	7.5	15
	T3B KAMA-007E-TAC	208-230/3/60	3.2	19.9	1	130	0.5	4.5	15
KESA010L8-*	S2B KAJB-010E-CAV	208-230/1/60	6.9	40	1	130	0.5	9.1	15
	T3B KAJA-011E-TAC	208-230/3/60	4.6	27	1	130	0.5	6.3	15
KESA015L8-*	S2B KALB-015E-CAV	208-230/1/60	9.9	55	1	240	1.1	13.5	20
	T3B KALA-016E-TAC	208-230/3/60	6.6	50	1	240	1.1	9.4	15
	T4B KALA-016E-TAD	460/3/60	3.4	25	1	240	0.6	4.9	15
KESA020L8-*	S3A EADB-021E-CAB	230/1/60	10.0	58	1	240	1.1	13.6	20
	T3B EADA-020E-TAC	208-230/3/60	6.8	46	1	240	1.1	9.6	15
KESA021L8-*	S2B EAVB-021E-CAV	208-230/1/60	14.7	102	1	240	1.1	19.5	30
	T3B EAVA-021E-TAC	208-230/3/60	7.4	50	1	240	1.1	10.4	15
	T4B EAVA-021E-TAD	460/3/60	3.2	26.6	1	240	0.6	4.6	15
	T5B EAVA-021E-TAE	575/3/60	3.1	20	1	240	0.5	4.4	15
KESA030L8-*	S3A LAHB-032E-CAB	230/1/60	16.7	105	1	400	2.1	23.0	35
	T3B LAHA-032E-TAC	208-230/3/60	12.8	112	1	400	2.1	18.1	30
	T4B LAHA-032E-TAD	460/3/60	6.0	56	1	400	1.1	8.6	15
	T5B LAHA-032E-TAE	575/3/60	4.1	30	1	400	0.9	6.0	15
KESA032L8-*	S3A LACB-032E-CAB	230/1/60	15.5	105	1	400	2.1	21.5	35
	T3B LACA-032E-TAC	208-230/3/60	12.8	112	1	400	2.1	18.1	30
	T4B LACA-032E-TAD	460/3/60	6.0	56	1	400	1.1	8.6	15
KESA035L 6/8-*	S3A 2DF3F16KE-CFB	230/1/60	23.2	125	1	400	2.1	31.0	50
	T3B 2DF3F16KE-TFC	208-230/3/60	16.0	102	1	400	2.1	22.1	35
	T4B 2DF3F16KE-TFD	460/3/60	7.9	52	1	400	1.1	11.0	15
	T5B 2DF3F16KE-TFE	575/3/60	6.7	41	1	400	0.9	9.3	15
KESA040L 6/8-*	T3B 2DL3F20KE-TFC	208-230/3/60	26.3	161	1	400	2.1	35.0	60
	T4B 2DL3F20KE-TFD	460/3/60	10.2	60	1	400	1.1	13.9	20
	T5B 2DL3F20KE-TFE	575/3/60	7.7	49	1	400	0.9	10.5	15
KESA060L 6/8-*	T3B 2DB3F25KE-TFC	208-230/3/60	28.2	161	1	400	2.1	37.4	60
	T4B 2DB3F25KE-TFD	460/3/60	13.3	80	1	400	1.1	17.7	30
	T5B 2DB3F25KE-TFE	575/3/60	9.6	63	1	400	0.9	12.9	20
KESA061L 6/8-*	T3B 3DA3F28KE-TFC	208-230/3/60	26.8	150	1	400	2.1	35.6	60
	T4B 3DA3F28KE-TFD	460/3/60	12.0	77	1	400	1.1	16.1	25
	T5B 3DA3F28KE-TFE	575/3/60	10.5	62	1	400	0.9	14.0	20
KESA075L 6/8-*	T3B 3DB3F33KE-TFC	208-230/3/60	30.7	161	1	400	2.1	40.5	70
	T4B 3DB3F33KE-TFD	460/3/60	15.7	83	1	400	1.1	20.7	35
	T5B 3DB3F33KE-TFE	575/3/60	11.0	67	1	400	0.9	14.7	25
KESA090L 6/8-*	T3B 3DF3F40KE-TFC	208-230/3/60	37.0	215	2	800	4.2	50.5	80
	T4B 3DF3F40KE-TFD	460/3/60	16.7	106	2	800	2.2	23.1	40
	T5B 3DF3F40KE-TFE	575/3/60	15.7	84	2	800	1.8	21.4	35
KESA100L 6/8-*	T3B 3DS3F46KE-TFC	208-230/3/60	41.4	215	2	800	4.2	56.0	90
	T4B 3DS3F46KE-TFD	460/3/60	18.6	106	2	800	2.2	25.5	40
	T5B 3DS3F46KE-TFE	575/3/60	16.2	84	2	800	1.8	22.1	35
KESA130L 6/8-*	T3B 4DBNF54KE-TSK	208/230/3/60	51.3	220	2	1560	7.2	71.3	110
	T4B 4DBNF54KE-TSK	460/3/60	25.6	110	2	1560	3.4	35.4	60
	T5B 4DBNF54KE-TSE	575/3/60	17.4	106	2	1560	2.8	24.6	40
KESA150L 6/8-*	T3B 4DHNF63KE-TSK	208/230/3/60	52.6	278	2	1560	7.2	73.0	125
	T4B 4DHNF63KE-TSK	460/3/60	26.3	139	2	1560	3.4	36.3	60
	T5B 4DHNF63KE-TSE	575/3/60	20.9	113	2	1560	2.8	28.9	40
KESA220L 6/8-*	T3B 4DJNF76KE-TSK	208/230/3/60	64.3	374	2	1560	7.2	87.6	150
	T4B 4DJNF76KE-TSK	460/3/60	32.1	187	2	1560	3.4	43.5	70
	T5B 4DJNF76KE-TSE	575/3/60	29.1	135	2	1560	2.8	39.2	60

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MODEL KES		COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		CONDENSER FAN MOTOR			MCA	MOP
				RLA	LRA	QTY	WATTS	FLA		
KESB010H8-*	S2	2TES-05-2EU-Y	208-230/1/60	9.2	37	1	130	0.5	12.0	20
	T3	2TES-05-2DU-Y	208-230/3/60	6.0	32	1	130	0.5	8.0	15
KESB015H8-*	S2	2JES-07-2EU-Y	208-230/1/60	10.5	40	1	240	1.1	14.2	20
	T3	2JES-07-2DU-Y	208-230/3/60	7.4	40	1	240	1.1	10.4	15
	T4	2JES-07-4SU-Y	460/3/60	3.2	20	1	240	0.6	4.6	15
	T5	2JES-07-5SU-Y	575/3/60	2.4	16	1	240	0.5	3.5	15
KESB020H8-*	S2	2HES-2-2EU-Y	208-230/1/60	14.1	58.5	1	240	1.1	18.7	30
	T3	2HES-2-2DU-Y	208-230/3/60	12.2	54	1	240	1.1	16.4	25
	T4	2HES-2-4SU-Y	460/3/60	4.5	24	1	240	0.6	6.2	15
	T5	2HES-2-5SU-Y	575/3/60	3.6	17	1	240	0.5	5.0	15
KESB025H8-*	S2	2GES-2-2EU-Y	208-230/1/60	17.8	58.5	1	240	1.1	23.4	40
	T3	2GES-2-2DU-Y	208-230/3/60	12.1	54	1	240	1.1	16.2	25
	T4	2GES-2-4SU-Y	460/3/60	4.8	24	1	240	0.6	6.6	15
	T5	2GES-2-5SU-Y	575/3/60	3.7	17	1	240	0.5	5.1	15
KESB029H8-*	T3	2FES-3-2DU-Y	208-230/3/60	13.9	60	1	400	2.1	19.5	30
	T4	2FES-3-4SU-Y	460/3/60	5.7	27.5	1	400	1.1	8.2	15
	T5	2FES-3-5SU-Y	575/3/60	4.9	19	1	400	0.9	7.0	15
KESB030H8-*	S2	2EES-3-2EU-Y	208-230/1/60	28.8	109	1	400	2.1	38.1	60
	T3	2EES-3-2DU-Y	208-230/3/60	17.3	97	1	400	2.1	23.7	40
	T4	2EES-3-4SU-Y	460/3/60	7.3	39.5	1	400	1.1	10.2	15
	T5	2EES-3-5SU-Y	575/3/60	5.9	28.5	1	400	0.9	8.3	15
KESB035H8-*	S2	2DES-3-2EU-Y	208-230/1/60	29.6	113	1	400	2.1	39.1	60
	T3	2DES-3-2DU-Y	208-230/3/60	18.8	97	1	400	2.1	25.6	40
	T4	2DES-3-4SU-Y	460/3/60	8.1	39.5	1	400	1.1	11.2	15
	T5	2DES-3-5SU-Y	575/3/60	5.7	28.5	1	400	0.9	8.0	15
KESB040H8-*	T3	2CES-4-2DU-Y	208-230/3/60	22.4	115.5	1	400	2.1	30.1	50
	T4	2CES-4-4SU-Y	460/3/60	9.1	47.5	1	400	1.1	12.5	20
	T5	2CES-4-5SU-Y	575/3/60	7.3	34	1	400	0.9	10.0	15
KESB050H8-*	T3	4FES-5-2DU-1Y	208-230/3/60	29.9	163	1	400	2.1	39.5	60
	T4	4FES-5-4SU-1Y	460/3/60	14.6	66.5	1	400	1.1	19.4	30
	T5	4FES-5-5SU-1Y	575/3/60	9.7	48	1	400	0.9	13.0	20
KESB060H8-*	T3	4EES-6-2DU-1Y	208-230/3/60	34.6	163	1	400	2.1	45.4	70
	T4	4EES-6-4SU-1Y	460/3/60	14.9	66.5	1	400	1.1	19.7	30
	T5	4EES-6-5SU-1Y	575/3/60	10.5	48	1	400	0.9	14.0	20
KESB076H8-*	T3	4DES-7-2DU-1Y	208-230/3/60	38.1	215	2	800	4.2	51.8	80
	T4	4DES-7-4SU-1Y	460/3/60	17.0	88	2	800	2.2	23.5	40
	T5	4DES-7-5SU-1Y	575/3/60	12.3	63.5	2	800	1.8	17.2	25
KESB090H8-*	T3	4CES-9-2DU-1Y	208-230/3/60	42.1	215	2	800	4.2	56.8	90
	T4	4CES-9-4SU-1Y	460/3/60	19.0	88	2	800	2.2	26.0	40
	T5	4CES-9-5SU-1Y	575/3/60	15.2	63.5	2	800	1.8	20.8	35
KESB100H8-*	T3	4VES-10-2NU-1Y	208-230/3/60	47.4	222	2	800	4.2	63.5	110
	T4	4VES-10-2NU-1Y	460/3/60	21.4	111	2	800	2.2	29.0	50
	T5	4VES-10-5PU-1Y	575/3/60	17.1	89	2	800	1.8	23.2	40
KESB121H8-*	T3	4TES-12-2NU-1Y	208-230/3/60	52.1	252	2	1560	7.2	72.3	110
	T4	4TES-12-2NU-1Y	460/3/60	23.6	126	2	1560	3.4	32.9	50
	T5	4TES-12-5PU-1Y	575/3/60	18.9	101	2	1560	2.8	26.4	45
KESB150H8-*	T3	4PES-15-2NU-1Y	208-230/3/60	60.0	294	2	1560	7.2	82.2	125
	T4	4PES-15-2NU-1Y	460/3/60	27.1	147	2	1560	3.4	37.3	60
	T5	4PES-15-5PU-1Y	575/3/60	21.8	117	2	1560	2.8	30.1	50
KESB200H8-*	T3	4NES-20-2NU-1Y	208-230/3/60	71.1	352	2	1560	7.2	96.1	150
	T4	4NES-20-2NU-1Y	460/3/60	32.1	176	2	1560	3.4	43.5	70
	T5	4NES-20-5PU-1Y	575/3/60	26.3	140	2	1560	2.8	35.7	60

* I = Indoor, H = Outdoor. Above listed RLA value is based on UL rating method and may differ from published compressor RLA data.

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MODEL KES		COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		CONDENSER FAN MOTOR			MCA	MOP
				RLA	LRA	QTY	WATTS	FLA		
KESB010L 6/8 -*	T3	2HES-1-2EU-Y	208-230/1/60	12.9	56.5	1	130	0.5	16.6	25
	T4	2HES-1-2DU-Y	208-230/3/60	8.1	42	1	130	0.5	10.6	15
KESB015L 6/8 -*	S2	2FES-2-2EU-Y	208-230/1/60	14.6	60	1	240	1.1	19.4	30
	T3	2FES-2-2DU-Y	208-230/3/60	11.1	54	1	240	1.1	15.0	25
	T4	2FES-2-4SU-Y	460/3/60	4.6	24	1	240	0.6	6.4	15
	T5	2FES-2-5SU-Y	575/3/60	3.6	17	1	240	0.5	5.0	15
KESB020L 6/8 -*	T3	2EES-2-2DU-Y	208-230/3/60	13.3	70	1	240	1.1	17.7	30
	T4	2EES-2-4SU-Y	460/3/60	5.4	28.5	1	240	0.6	7.4	15
	T5	2EES-2-5SU-Y	575/3/60	4.0	20.5	1	240	0.5	5.5	15
KESB025L 6/8 -*	T3	2DES-2-2DU-Y	208-230/3/60	14.5	80.5	1	240	1.1	19.2	30
	T4	2DES-2-4SU-Y	460/3/60	6.4	33	1	240	0.6	8.6	15
	T5	2DES-2-5SU-Y	575/3/60	4.7	23.5	1	240	0.5	6.4	15
KESB030L 6/8 -*	T3	2CES-3-2DU-Y	208-230/3/60	16.5	97	1	400	2.1	22.7	35
	T4	2CES-3-4SU-Y	460/3/60	7.0	39.5	1	400	1.1	9.9	15
	T5	2CES-3-5SU-Y	575/3/60	5.6	28.5	1	400	0.9	7.9	15
KESB031L 6/8 -*	T3	4FES-3-2DU-1Y	208-230/3/60	22.2	115.5	1	400	2.1	29.9	50
	T4	4FES-3-4SU-1Y	460/3/60	9.0	47.5	1	400	1.1	12.4	20
	T5	4FES-3-5SU-1Y	575/3/60	6.9	34	1	400	0.9	9.5	15
KESB039L 6/8 -*	T3	4EES-4-2DU-1Y	208-230/3/60	24.8	142	1	400	2.1	33.1	50
	T4	4EES-4-4SU-1Y	460/3/60	10.3	58	1	400	1.1	14.0	20
	T5	4EES-4-5SU-1Y	575/3/60	8.3	41.5	1	400	0.9	11.3	15
KESB050L 6/8 -*	T3	4DES-5-2DU-1Y	208-230/3/60	25.4	163	1	400	2.1	33.9	50
	T4	4DES-5-4SU-1Y	460/3/60	12.0	66.5	1	400	1.1	16.1	25
	T5	4DES-5-5SU-1Y	575/3/60	10.0	48	1	400	0.9	13.4	20
KESB060L 6/8 -*	T3	4CES-6-2DU-1Y	208-230/3/60	30.8	215	1	400	2.1	40.6	70
	T4	4CES-6-4SU-1Y	460/3/60	15.8	88	1	400	1.1	20.9	35
	T5	4CES-6-5SU-1Y	575/3/60	12.5	63.5	1	400	0.9	16.5	25
KESB080L 6/8 -*	T3	4TES-9-2NU-1Y	208-230/3/60	34.8	180	2	800	4.2	47.7	80
	T4	4TES-9-2NU-1Y	460/3/60	15.7	90	2	800	2.2	21.8	35
	T5	4TES-9-5PU-1Y	575/3/60	13.6	72	2	800	1.8	18.8	30
KESB100L 6/8 -*	T3	4PES-12-2NU-1Y	208-230/3/60	42.7	222	2	800	4.2	57.6	100
	T4	4PES-12-2NU-1Y	460/3/60	19.3	111	2	800	2.2	26.3	45
	T5	4PES-12-5PU-1Y	575/3/60	16.0	89	2	800	1.8	21.8	35
KESB120L 6/8 -*	T3	4NES-14-2NU-1Y	208-230/3/60	49.0	252	2	800	4.2	65.5	110
	T4	4NES-14-2NU-1Y	460/3/60	22.1	126	2	800	2.2	29.8	50
	T5	4NES-14-5PU-1Y	575/3/60	17.7	101	2	800	1.8	23.9	40

* I = Indoor, H = Outdoor. Above listed RLA value is based on UL rating method and may differ from published compressor RLA data.

ELECTRICAL DATA - COPELAND MODELS

Models with EC Motor(s)[†]

MODEL KES		COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		ECM CONDENSER FAN			MCA	MOP
				RLA	LRA	QTY	WATTS	FLA		
KESA008H2-*	S2B	KAN2-0075-CAV	208-230/1/60	6.1	36	1	100	1.0	8.6	15
	T3B	KAN1-0075-TAC	208-230/3/60	3.5	19.9	1	100	1.0	5.4	15
KESA010H2-*	S2B	KAR2-0100-CAV	208-230/1/60	7.4	40	1	100	1.0	10.3	15
	T3B	KAR1-0100-TAC	208-230/3/60	4.3	27	1	100	1.0	6.4	15
KESA015H2-*	S2B	KAGB-0150-CAV	208-230/1/60	9.6	55	1	175	2.0	14.0	20
	T3B	KAGA-0150-TAC	208-230/3/60	5.5	35.5	1	175	2.0	8.9	15
KESA020H2-*	S2B	KAKB-0200-CAV	208-230/1/60	10.6	55	1	175	2.0	15.3	26
	T3B	KAKA-0200-TAC	208-230/3/60	6.8	50	1	175	2.0	10.5	15
KESA030H2-*	S3A	ERF2-0310-CAB	230/1/60	17.0	86	1	315	3.5	24.8	42
	T3B	ERF1-0310-TAC	208-230/3/60	11.7	82	1	315	3.5	18.1	25
	S2B	KAE2-0075-CAV	208-230/1/60	5.4	36	1	100	0.5	7.3	15
KESA008M2-*	T3B	KAE1-0075-TAC	208-230/3/60	3.4	19.9	1	100	0.5	4.8	15
	S2B	KAM2-0100-CAV	208-230/1/60	7.5	40	1	100	0.5	9.9	15
KESA010M2-*	T3B	KAM1-0100-TAC	208-230/3/60	4.5	27	1	100	0.5	6.1	15
	S2B	KAKB-0200-CAV	208-230/1/60	10.6	55	1	175	1.1	14.4	25
KESA020M2-*	T3B	KAKA-0200-TAC	208-230/3/60	6.8	50	1	175	1.1	9.6	15
	S3A	ERC2-0200-CAB	230/1/60	10.9	58	1	175	1.1	14.7	25
KESA021M2-*	T3B	ERC1-0200-TAC	208-230/3/60	6.8	46	1	175	1.1	9.6	15
	S2B	KARB-010E-CAV	208-230/1/60	7.1	40	1	100	0.5	9.4	15
KESA010M6-*	T3B	KARA-010E-TAC	208-230/3/60	4.3	27	1	100	0.5	5.9	15
	S2B	KAKB-021E-CAV	208-230/1/60	10.1	55	1	175	1.1	13.7	20
KESA020M6-*	T3B	KAKA-020E-TAC	208-230/3/60	6.5	50	1	175	1.1	9.2	15
	T3B	ERCA-021E-TAC	208-230/3/60	8.8	46	1	175	1.1	12.1	20
KESA021M6-*	S3A	ERFB-031E-CAB	230/1/60	17.0	86	1	315	3.5	24.8	40
	T3B	ERFA-031E-TAC	208-230/3/60	12.4	82	1	315	3.5	19.0	30
KESA030M6-*	T4B	ERFA-031E-TAD	460/3/60	5.8	41	1	315	1.8	9.1	15
	T5B	ERFA-031E-TAE	575/3/60	5.2	30	1	315	1.4	7.9	15
	T3B	2DC3R53KE-TFC	208-230/3/60	22.3	120	1	315	3.5	31.4	50
KESA050H8-*	T3B	2DC3R53KE-TFC	208-230/3/60	22.3	120	1	315	3.5	31.4	50
	T4B	2DC3R53KE-TFD	460/3/60	10.4	60	1	315	1.8	14.8	20
	T5B	2DC3R53KE-TFE	575/3/60	7.7	49	1	315	1.4	11.0	15
KESA051H8-*	T3B	2DD3R63KE-TFC	208-230/3/60	22.3	120	1	315	3.5	31.4	50
	T4B	2DD3R63KE-TFD	460/3/60	10.5	60	1	315	1.8	14.9	25
	T5B	2DD3R63KE-TFE	575/3/60	7.9	49	1	315	1.4	11.3	15
KESA075H8-*	T3B	2DL3R78KE-TFC	208-230/3/60	31.6	169	1	315	3.5	43.0	70
	T4B	2DL3R78KE-TFD	460/3/60	13.8	85	1	315	1.8	19.1	30
	T5B	2DL3R78KE-TFE	575/3/60	13.2	67	1	315	1.4	17.9	30
KESA077H8-*	T3B	2DA3R89KE-TFC	208-230/3/60	32.0	169	2	630	7.0	47.0	70
	T4B	2DA3R89KE-TFD	460/3/60	14.1	85	2	630	3.6	21.2	35
	T5B	2DA3R89KE-TFE	575/3/60	13.3	67	2	630	2.8	19.4	30
KESA080H8-*	T3B	3DA3R10ME-TFC	208-230/3/60	41.0	215	2	630	7.0	58.3	90
	T4B	3DA3R10ME-TFD	460/3/60	20.0	106	2	630	3.6	28.6	45
	T5B	3DA3R10ME-TFE	575/3/60	16.5	84	2	630	2.8	23.4	35
KESA100H8-*	T3B	3DB3R12ME-TFC	208-230/3/60	43.6	215	2	630	7.0	61.5	100
	T4B	3DB3R12ME-TFD	460/3/60	20.0	106	2	630	3.6	28.6	45
	T5B	3DB3R12ME-TFE	575/3/60	16.5	84	2	630	2.8	23.4	35
KESA120H8-*	T3B	3DF3R15ME-TFC	208-230/3/60	48.1	275	2	1180	10.6	70.7	110
	T4B	3DF3R15ME-TFD	460/3/60	23.6	138	2	1180	5.4	34.9	50
KESA150H8-*	T3B	3DS3R17ME-TFC	208-230/3/60	59.6	275	2	1180	10.6	85.1	125
	T4B	3DS3R17ME-TFD	460/3/60	29.0	138	2	1180	5.4	41.7	70
	T5B	3DS3R17ME-TFE	575/3/60	23.6	110	2	1180	4.2	33.7	50

* I = Indoor, H = Outdoor.

Above listed RLA value is based on UL rating method and may differ from published compressor RLA data.

460& 575V models use a 230V EC motor with transformer

† Applies to units with variable speed EC motors, SmartSpeed (1/2 - 5 HP only), or LIMITROL+ (5+ HP only). Contact factory for details.

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ELECTRICAL DATA - COPELAND MODELS

Models with EC Motor(s)[†] (cont'd)

MODEL KES		COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		ECM CONDENSER FAN			MCA	MOP
				RLA	LRA	QTY	WATTS	FLA		
KESA005L8-*	S2B	KANB-005E-CAV	208-230/1/60	3.6	24	1	100	1.0	5.5	15
	T3B	KANA-006E-TAC	208-230/3/60	2.2	13.2	1	100	1.0	3.8	15
KESA008L8-*	S2B	KAMB-007E-CAV	208-230/1/60	5.6	36	1	100	1.0	8.0	15
	T3B	KAMA-007E-TAC	208-230/3/60	3.2	19.9	1	100	1.0	5.0	15
KESA010L8-*	S2B	KAJB-010E-CAV	208-230/1/60	6.9	40	1	100	1.0	9.6	15
	T3B	KAJA-011E-TAC	208-230/3/60	4.6	27	1	100	1.0	6.8	15
KESA015L8-*	S2B	KALB-015E-CAV	208-230/1/60	9.9	55	1	175	2.0	14.4	20
	T3B	KALA-016E-TAC	208-230/3/60	6.6	50	1	175	2.0	10.3	15
KESA020L8-*	S3A	EADB-021E-CAB	230/1/60	10.0	58	1	175	2.0	14.5	20
	T3B	EADA-020E-TAC	208-230/3/60	6.8	46	1	175	2.0	10.5	15
KESA021L8-*	S2B	EAVB-021E-CAV	208-230/1/60	14.7	102	1	175	2.0	20.4	35
	T3B	EAVA-021E-TAC	208-230/3/60	7.4	50	1	175	2.0	11.3	15
KESA030L8-*	S3A	LAHB-032E-CAB	230/1/60	16.7	105	1	315	3.5	24.4	40
	T3B	LAHA-032E-TAC	208-230/3/60	12.8	112	1	315	3.5	19.5	30
	T4B	LAHA-032E-TAD	460/3/60	6.0	56	1	315	1.8	9.3	15
	T5B	LAHA-032E-TAE	575/3/60	4.1	30	1	315	1.4	6.5	15
KESA032L8-*	S3A	LACB-032E-CAB	230/1/60	15.5	105	1	315	3.5	22.9	35
	T3B	LACA-032E-TAC	208-230/3/60	12.8	112	1	315	3.5	19.5	30
	T4B	LACA-032E-TAD	460/3/60	6.0	56	1	315	1.8	9.3	15
KESA035L 6/8-*	S3A	2DF3F16KE-CFB	230/1/60	23.2	125	1	315	3.5	32.4	50
	T3B	2DF3F16KE-TFC	208-230/3/60	16.8	102	1	315	3.5	24.5	40
	T4B	2DF3F16KE-TFD	460/3/60	8.1	52	1	315	1.8	11.9	20
	T5B	2DF3F16KE-TFE	575/3/60	6.7	41	1	315	1.4	9.8	15
KESA040L 6/8-*	T3B	2DL3F20KE-TFC	208-230/3/60	26.3	161	1	315	3.5	36.4	60
	T4B	2DL3F20KE-TFD	460/3/60	10.2	60	1	315	1.8	14.6	20
	T5B	2DL3F20KE-TFE	575/3/60	7.7	49	1	315	1.4	11.0	15
KESA060L 6/8-*	T3B	2DB3F25KE-TFC	208-230/3/60	28.2	161	1	315	3.5	38.8	60
	T4B	2DB3F25KE-TFD	460/3/60	13.3	80	1	315	1.8	18.4	30
	T5B	2DB3F25KE-TFE	575/3/60	9.6	63	1	315	1.4	13.4	20
KESA061L 6/8-*	T3B	3DA3F28KE-TFC	208-230/3/60	26.8	150	1	315	3.5	37.0	60
	T4B	3DA3F28KE-TFD	460/3/60	12.0	77	1	315	1.8	16.8	25
	T5B	3DA3F28KE-TFE	575/3/60	10.5	62	1	315	1.4	14.5	25
KESA075L 6/8-*	T3B	3DB3F33KE-TFC	208-230/3/60	30.7	161	1	315	3.5	41.9	70
	T4B	3DB3F33KE-TFD	460/3/60	15.7	83	1	315	1.8	21.4	35
	T5B	3DB3F33KE-TFE	575/3/60	11.0	67	1	315	1.4	15.2	25
KESA090L 6/8-*	T3B	3DF3F40KE-TFC	208-230/3/60	37.0	215	2	630	7	53.3	90
	T4B	3DF3F40KE-TFD	460/3/60	16.7	106	2	630	3.5	24.4	40
	T5B	3DF3F40KE-TFE	575/3/60	15.7	84	2	630	2.8	22.4	35
KESA100L 6/8-*	T3B	3DS3F46KE-TFC	208-230/3/60	41.4	215	2	630	7	58.8	100
	T4B	3DS3F46KE-TFD	460/3/60	18.6	106	2	630	3.5	26.8	45
	T5B	3DS3F46KE-TFE	575/3/60	16.2	84	2	630	2.8	23.1	35
KESA130L 6/8-*	T3B	4DBNF54KE-TSK	208/230/3/60	51.3	220	2	1180	10.6	74.7	125
	T4B	4DBNF54KE-TSK	460/3/60	25.6	110	2	1180	5.4	37.4	60
	T5B	4DBNF54KE-TSE	575/3/60	17.4	106	2	1560	4.2	26.0	40
KESA150L 6/8-*	T3B	4DHNF63KE-TSK	208/230/3/60	52.6	278	2	1180	10.6	76.4	125
	T4B	4DHNF63KE-TSK	460/3/60	26.3	139	2	1180	5.4	38.3	60
	T5B	4DHNF63KE-TSE	575/3/60	20.9	113	2	1180	4.2	30.3	50
KESA220L 6/8-*	T3B	4DJNF76KE-TSK	208/230/3/60	64.3	374	2	1180	10.6	91.0	150
	T4B	4DJNF76KE-TSK	460/3/60	32.1	187	2	1180	5.4	45.5	70
	T5B	4DJNF76KE-TSE	575/3/60	29.1	135	2	1180	4.2	40.6	60

* I = Indoor, H = Outdoor.

Above listed RLA value is based on UL rating method and may differ from published compressor RLA data.

460& 575V models use a 230V EC motor with transformer

† Applies to units with variable speed EC motors, SmartSpeed (1/2 - 5 HP only), or LIMITROL+ (5+ HP only). Contact factory for details.

ELECTRICAL DATA - BITZER MODELS

Models with EC Motor(s)[†]

MODEL KES		COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		ECM CONDENSER FAN			MCA	MOP
				RLA	LRA	QTY	WATTS	FLA		
KESB010H8-*	S2B	2KES-05-2EU-Y	208-230/1/60	9.2	37	1	100	1.0	12.5	20
	T3B	2KES-05-2DU-Y	208-230/3/60	6.0	32	1	100	1.0	8.5	15
KESB015H8-*	S2B	2JES-07-2EU-Y	208-230/1/60	10.5	40	1	175	2.0	15.1	25
	T3B	2JES-07-2DU-Y	208-230/3/60	7.4	40	1	175	2.0	11.3	15
KESB020H8-*	S2B	2HES-2-2EU-Y	208-230/1/60	14.1	58.5	1	175	2.0	19.6	30
	T3B	2HES-2-2DU-Y	208-230/3/60	12.2	54	1	175	2.0	17.3	25
KESB025H8-*	S2B	2GES-2-2EU-Y	208-230/1/60	17.8	58.5	1	175	2.0	24.3	40
	T3B	2GES-2-2DU-Y	208-230/3/60	12.1	54	1	175	2.0	17.1	25
KESB029H8-*	T3B	2FES-3-2DU-Y	208-230/3/60	13.9	60	1	315	3.5	20.9	30
KESB030H8-*	S2B	2EES-3-2EU-Y	208-230/1/60	28.8	109	1	315	3.5	39.5	60
	T3B	2EES-3-2DU-Y	208-230/3/60	17.3	97	1	315	3.5	25.1	40
	T4B	2EES-3-4SU-Y	460/3/60	7.3	39.5	1	315	1.8	10.9	15
	T5B	2EES-3-5SU-Y	575/3/60	5.9	28.5	1	315	1.4	8.8	15
KESB035H8-*	S2B	2DES-3-2EU-Y	208-230/1/60	29.6	113	1	315	3.5	40.5	70
	T3B	2DES-3-2DU-Y	208-230/3/60	18.8	97	1	315	3.5	27.0	40
	T4B	2DES-3-4SU-Y	460/3/60	8.1	39.5	1	315	1.8	11.9	20
	T5B	2DES-3-5SU-Y	575/3/60	5.7	28.5	1	315	1.4	8.5	15
KESB040H8-*	T3B	2CES-4-2DU-Y	208-230/3/60	22.4	115.5	1	315	3.5	31.5	50
	T4B	2CES-4-4SU-Y	460/3/60	9.1	47.5	1	315	1.8	13.2	20
	T5B	2CES-4-5SU-Y	575/3/60	7.3	34	1	315	1.4	10.5	15
KESB050H8-*	T3B	4FES-5-2DU-1Y	208-230/3/60	29.9	163	1	315	3.5	40.9	70
	T4B	4FES-5-4SU-1Y	460/3/60	14.6	66.5	1	315	1.8	20.1	30
	T5B	4FES-5-5SU-1Y	575/3/60	9.7	48	1	315	1.4	13.5	20
KESB060H8-*	T3B	4EES-6-2DU-1Y	208-230/3/60	34.6	163	1	315	3.5	46.8	80
	T4B	4EES-6-4SU-1Y	460/3/60	14.9	66.5	1	315	1.8	20.4	35
	T5B	4EES-6-5SU-1Y	575/3/60	10.5	48	1	315	1.4	14.5	25
KESB076H8-*	T3B	4DES-7-2DU-1Y	208-230/3/60	38.1	215	2	630	7	54.6	90
	T4B	4DES-7-4SU-1Y	460/3/60	17.0	88	2	630	3.6	24.9	40
	T5B	4DES-7-5SU-1Y	575/3/60	12.3	63.5	2	630	2.8	18.2	30
KESB090H8-*	T3B	4CES-9-2DU-1Y	208-230/3/60	42.1	215	2	630	7	59.6	100
	T4B	4CES-9-4SU-1Y	460/3/60	19.0	88	2	630	3.6	27.4	40
	T5B	4CES-9-5SU-1Y	575/3/60	15.2	63.5	2	630	2.8	21.8	35
KESB100H8-*	T3B	4VES-10-2NU-1Y	208-230/3/60	47.4	222	2	630	7	66.3	110
	T4B	4VES-10-2NU-1Y	460/3/60	21.4	111	2	630	3.6	30.4	50
	T5B	4VES-10-5PU-1Y	575/3/60	17.1	89	2	630	2.8	24.2	40
KESB121H8-*	T3B	4BES-12-2NU-1Y	208-230/3/60	52.1	252	2	1180	10.6	75.7	125
	T4B	4BES-12-2NU-1Y	460/3/60	23.6	126	2	1180	5.4	34.9	50
	T5B	4BES-12-5PU-1Y	575/3/60	18.9	101	2	1180	4.2	27.8	40
KESB150H8-*	T3B	4PES-15-2NU-1Y	208-230/3/60	60.0	294	2	1180	10.6	85.6	125
	T4B	4PES-15-2NU-1Y	460/3/60	27.1	147	2	1180	5.4	39.3	60
	T5B	4PES-15-5PU-1Y	575/3/60	21.8	117	2	1180	4.2	31.5	50
KESB200H8-*	T3B	4NES-20-2NU-1Y	208-230/3/60	71.1	352	2	1180	10.6	99.5	150
	T4B	4NES-20-2NU-1Y	460/3/60	32.1	176	2	1180	5.4	45.5	70
	T5B	4NES-20-5PU-1Y	575/3/60	26.3	140	2	1180	4.2	37.1	60

* I = Indoor, H = Outdoor. Above listed RLA value is based on UL rating method and may differ from published compressor RLA data.

† Applies to units with variable speed EC motors, SmartSpeed (1/2 - 5 HP only), or LIMITROL+ (5+ HP only). Contact factory for details.

table continues on next page >>>

ELECTRICAL DATA - BITZER MODELS

Models with EC Motor(s)[†] (cont'd)

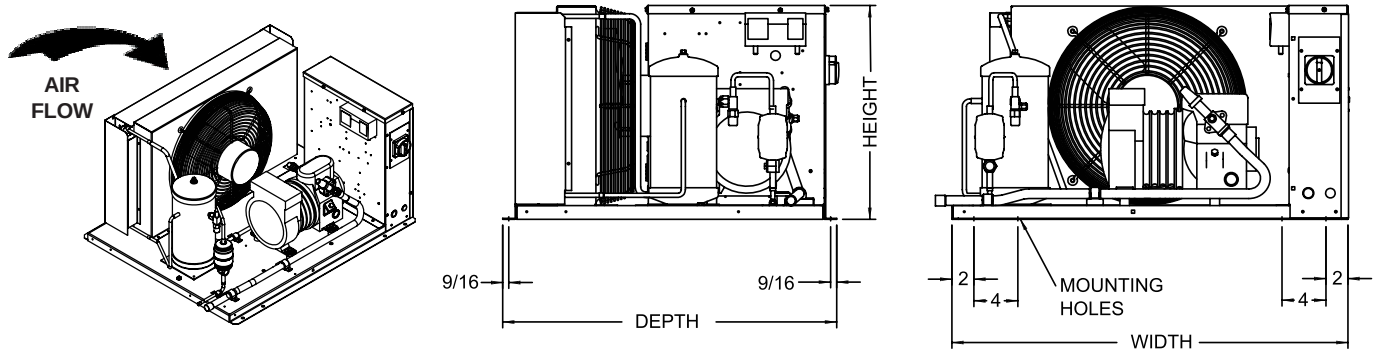
MODEL KES		COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		ECM CONDENSER FAN			MCA	MOP
				RLA	LRA	QTY	WATTS	FLA		
KESB010L 6/8 -*	S2B	2HES-1-2EU-Y	208-230/1/60	12.9	56.5	1	100	1.0	17.1	30
	T3B	2HES-1-2DU-Y	208-230/3/60	8.1	42	1	100	1.0	11.1	15
KESB015L 6/8 -*	S2B	2FES-2-2EU-Y	208-230/1/60	14.6	60	1	175	2.0	20.3	30
	T3B	2FES-2-2DU-Y	208-230/3/60	11.1	54	1	175	2.0	15.9	25
KESB020L 6/8 -*	T3B	2EES-2-2DU-Y	208-230/3/60	13.3	70	1	175	2.0	18.6	30
KESB025L 6/8 -*	T3B	2DES-2-2DU-Y	208-230/3/60	14.5	80.5	1	175	2.0	20.1	30
KESB030L 6/8 -*	T3B	2CES-3-2DU-Y	208-230/3/60	16.5	97	1	315	3.5	24.1	40
	T4B	2CES-3-4SU-Y	460/3/60	7.0	39.5	1	315	1.8	10.6	15
	T5B	2CES-3-5SU-Y	575/3/60	5.6	28.5	1	315	1.4	8.4	15
KESB031L 6/8 -*	T3B	4FES-3-2DU-1Y	208-230/3/60	22.2	115.5	1	315	3.5	31.3	50
	T4B	4FES-3-4SU-1Y	460/3/60	9.0	47.5	1	315	1.8	13.1	20
	T5B	4FES-3-5SU-1Y	575/3/60	6.9	34	1	315	1.4	10.0	15
KESB039L 6/8 -*	T3B	4EES-4-2DU-1Y	208-230/3/60	24.8	142	1	315	3.5	34.5	50
	T4B	4EES-4-4SU-1Y	460/3/60	10.3	58	1	315	1.8	14.7	20
	T5B	4EES-4-5SU-1Y	575/3/60	8.3	41.5	1	315	1.4	11.8	20
KESB050L 6/8 -*	T3B	4DES-5-2DU-1Y	208-230/3/60	25.4	163	1	315	3.5	35.3	60
	T4B	4DES-5-4SU-1Y	460/3/60	12.0	66.5	1	315	1.8	16.8	25
	T5B	4DES-5-5SU-1Y	575/3/60	10.0	48	1	315	1.4	13.9	20
KESB060L 6/8 -*	T3B	4CES-6-2DU-1Y	208-230/3/60	30.8	215	1	315	3.5	42.0	70
	T4B	4CES-6-4SU-1Y	460/3/60	15.8	88	1	315	1.8	21.6	35
	T5B	4CES-6-5SU-1Y	575/3/60	12.5	63.5	1	315	1.4	17.0	25
KESB080L 6/8 -*	T3B	4BES-9-2NU-1Y	208-230/3/60	34.8	180	2	630	7	50.5	80
	T4B	4BES-9-2NU-1Y	460/3/60	15.7	90	2	630	3.6	23.2	35
	T5B	4BES-9-5PU-1Y	575/3/60	13.6	72	2	630	2.8	19.8	30
KESB100L 6/8 -*	T3B	4PES-12-2NU-1Y	208-230/3/60	42.7	222	2	630	7	60.4	100
	T4B	4PES-12-2NU-1Y	460/3/60	19.3	111	2	630	3.6	27.7	45
	T5B	4PES-12-5PU-1Y	575/3/60	16.0	89	2	630	2.8	22.8	35
KESB120L 6/8 -*	T3B	4NES-14-2NU-1Y	208-230/3/60	49.0	252	2	630	7	68.3	110
	T4B	4NES-14-2NU-1Y	460/3/60	22.1	126	2	630	3.6	31.2	50
	T5B	4NES-14-5PU-1Y	575/3/60	17.7	101	2	630	2.8	24.9	40

* I = Indoor, H = Outdoor. Above listed RLA value is based on UL rating method and may differ from published compressor RLA data.

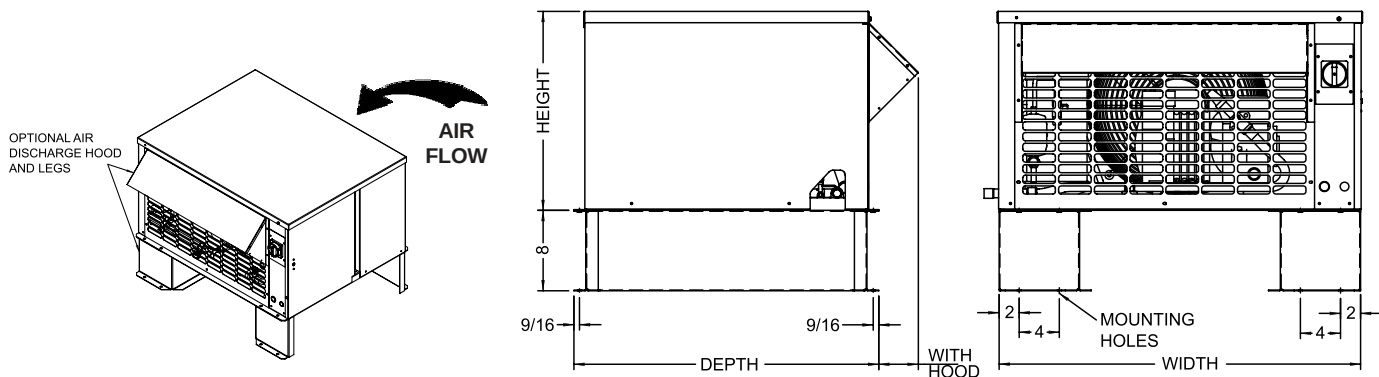
† Applies to units with variable speed EC motors, SmartSpeed (1/2 - 5 HP only), or LIMITROL+ (5+ HP only). Contact factory for details.

DIMENSIONAL DATA (1 Fan Models - Small Chassis)

DRAWING #1

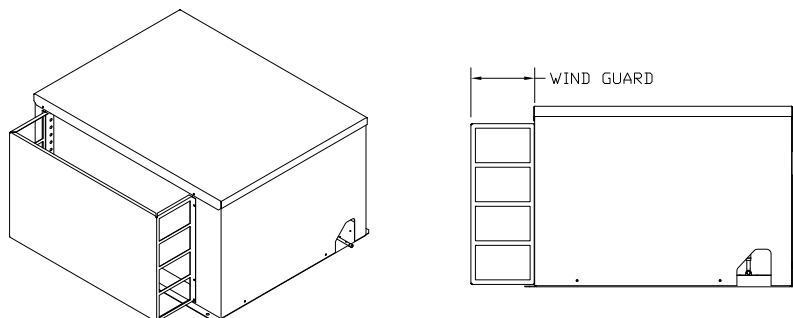


INDOOR DIMENSIONS



OUTDOOR DIMENSIONS

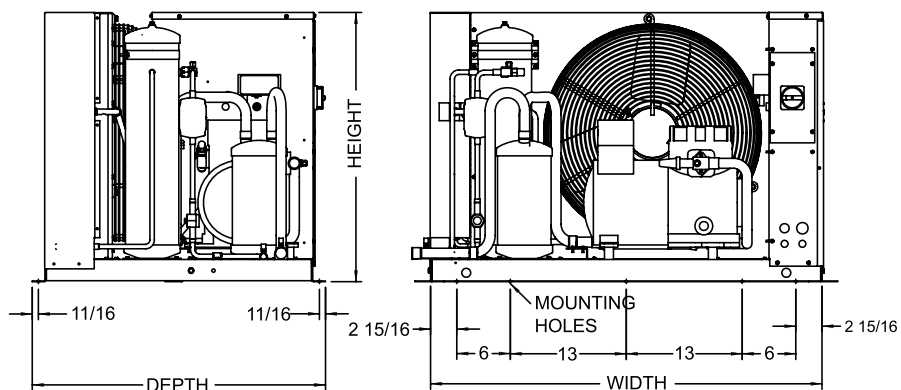
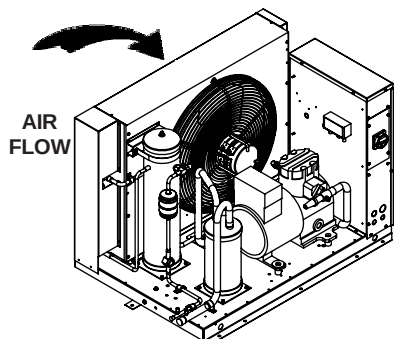
NOTE: Discharge hood, legs and wind guard are optional components



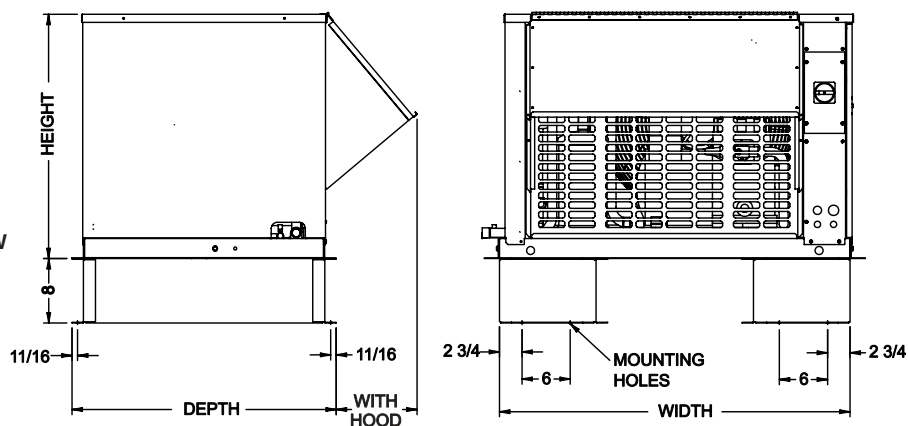
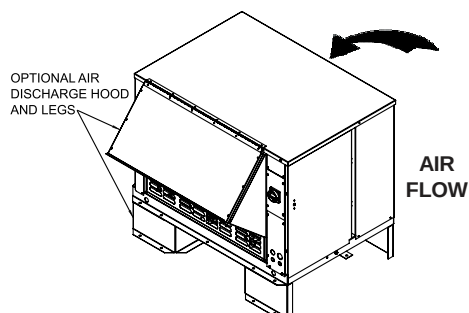
REFER TO PAGES 57-58 FOR
DIMENSIONAL DATA FOR SPECIFIC MODELS

DIMENSIONAL DATA (1 Fan Models - Large Chassis)

DRAWING #2

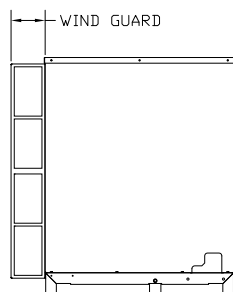
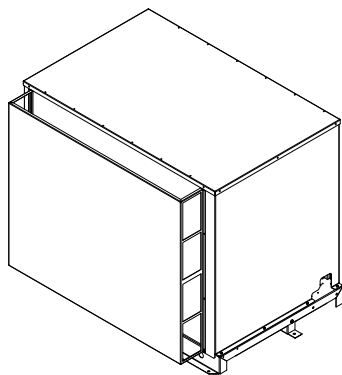


INDOOR DIMENSIONS



OUTDOOR DIMENSIONS

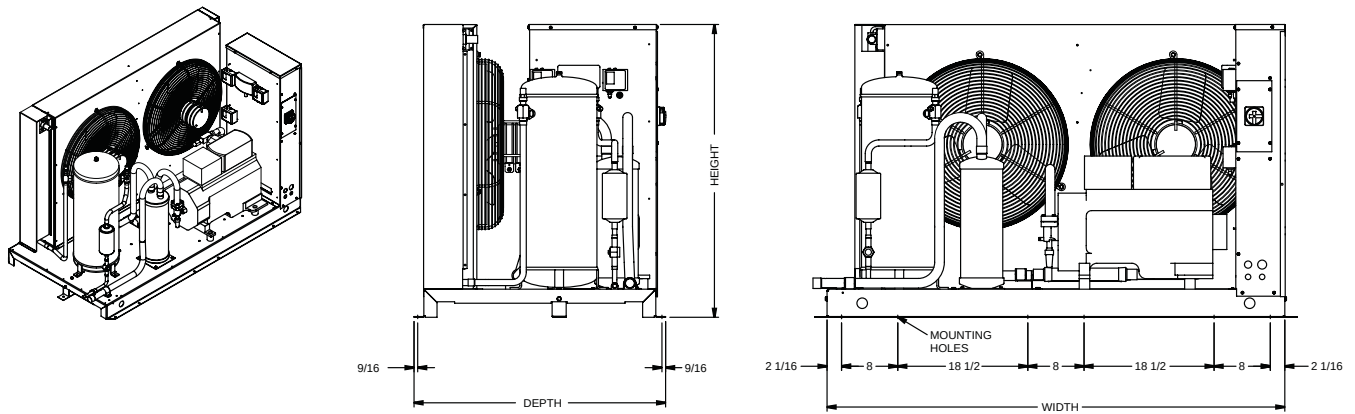
NOTE: Discharge hood, legs and wind guard are optional components



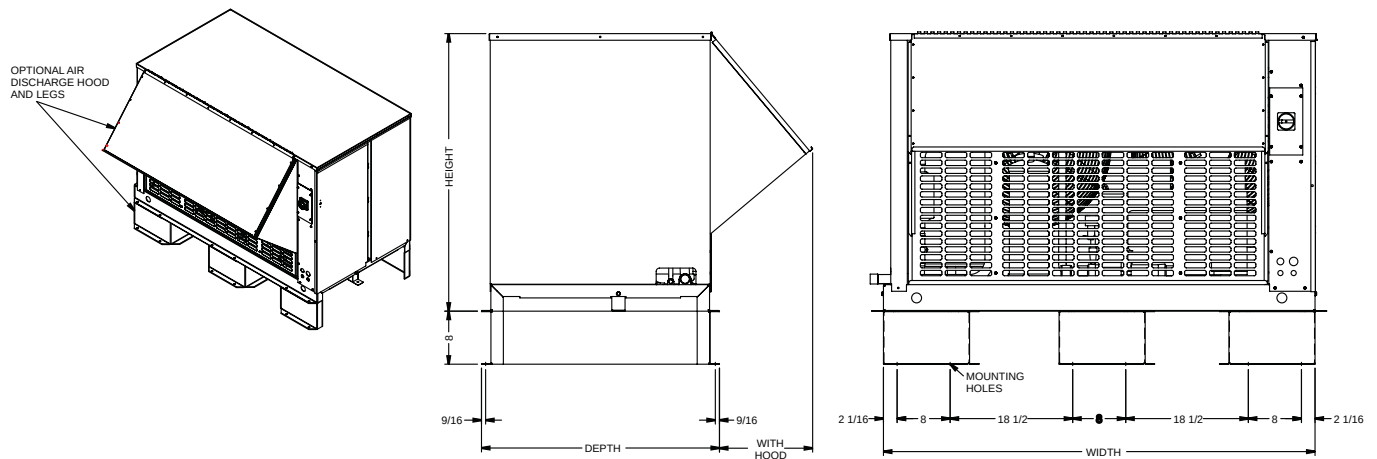
REFER TO PAGES 57-58 FOR
DIMENSIONAL DATA FOR SPECIFIC MODELS

DIMENSIONAL DATA (2 Fan Models - Small Chassis)

DRAWING #3

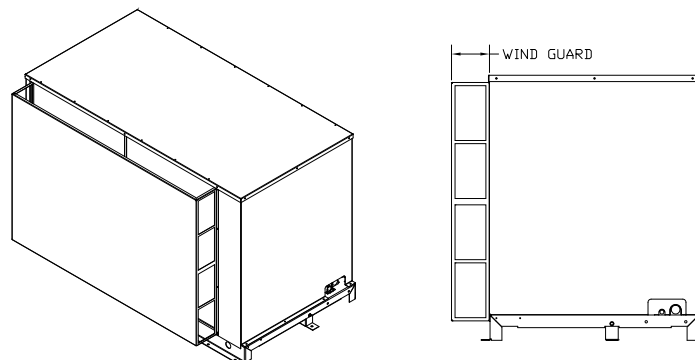


INDOOR DIMENSIONS



OUTDOOR DIMENSIONS

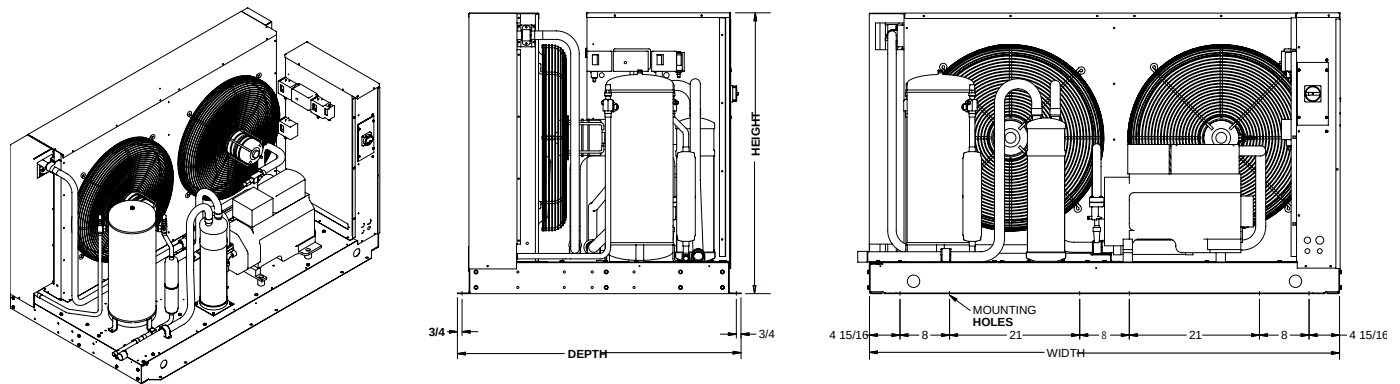
NOTE: Discharge hood and legs are optional components



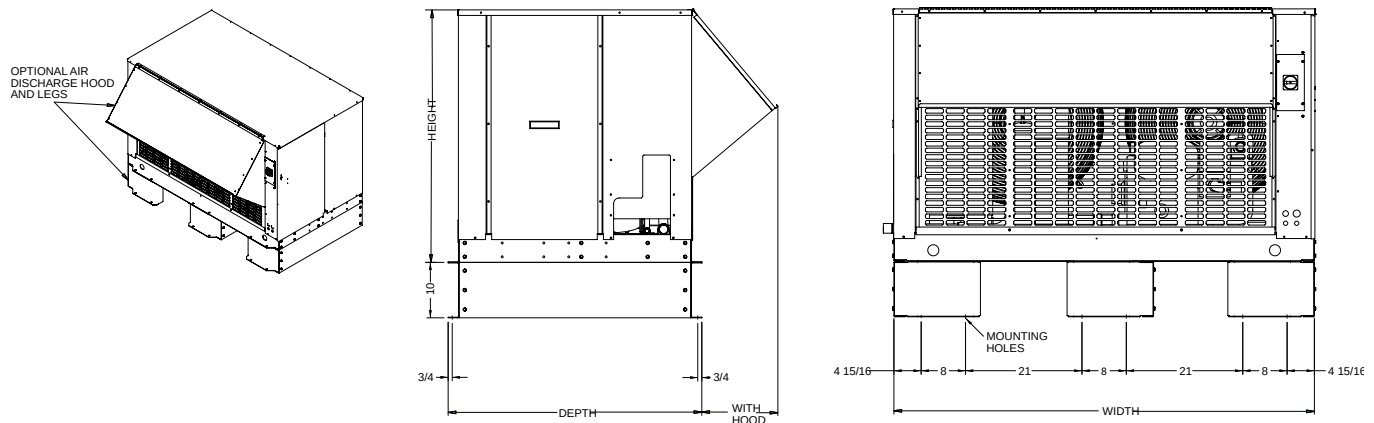
REFER TO PAGES 57-58 FOR
DIMENSIONAL DATA FOR SPECIFIC MODELS

DIMENSIONAL DATA (2 Fan Models - Large Chassis)

DRAWING #4

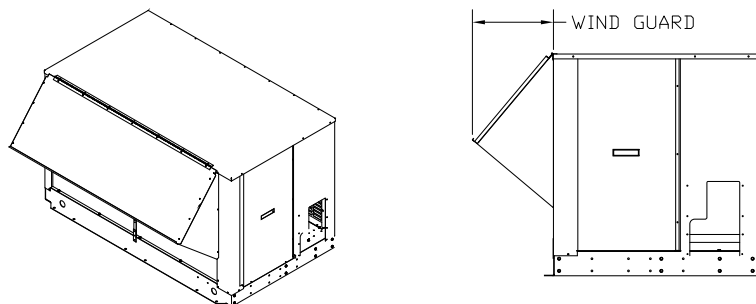


INDOOR DIMENSIONS



OUTDOOR DIMENSIONS

NOTE: Discharge hood, legs and wind guard are optional components



REFER TO PAGES 55-56 FOR
DIMENSIONAL DATA FOR SPECIFIC MODELS

DIMENSIONAL DATA

COPELAND MODELS

MODEL KES	CHASSIS	DRAWING # (see table below)	OUTDOOR MODELS										INDOOR MODELS					
			WIDTH		DEPTH						HEIGHT		WIDTH		DEPTH		HEIGHT	
					Base		With Hood, add:		Wind Guard, add:									
			Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm
KESA008H2	A	1	24 7/8	632	30 3/8	772	4	102	6	152	16 7/8	429	24 5/8	625	30 3/8	772	16 1/2	419
KESA010H2		1	24 7/8	632	30 3/8	772	4	102	6	152	16 7/8	429	24 5/8	625	30 3/8	772	16 1/2	419
KESA015H2	B	1	36 3/8	924	30 3/8	772	4	102	7	178	19 7/8	505	36 3/8	924	30 3/8	772	19 1/2	495
KESA020H2		1	36 3/8	924	30 3/8	772	4	102	7	178	19 7/8	505	36 3/8	924	30 3/8	772	19 1/2	495
KESA030H2	C	2	43 7/8	1114	32 7/8	835	10 1/8	257	8	203	30 3/8	772	43 7/8	1114	32 7/8	835	30 3/16	767
KESA008M2	A	1	24 7/8	632	30 3/8	772	4	102	6	152	16 7/8	429	24 5/8	625	30 3/8	772	16 1/2	419
KESA010M2		1	24 7/8	632	30 3/8	772	4	102	6	152	16 7/8	429	24 5/8	625	30 3/8	772	16 1/2	419
KESA020M2	B	1	36 3/8	924	30 3/8	772	4	102	7	178	19 7/8	505	36 3/8	924	30 3/8	772	19 1/2	495
KESA021M2		1	36 3/8	924	30 3/8	772	4	102	7	178	19 7/8	505	36 3/8	924	30 3/8	772	19 1/2	495
KESA010M6	A	1	24 7/8	632	30 3/8	772	4	102	6	152	16 7/8	429	24 5/8	625	30 3/8	772	16 1/2	419
KESA015M6	B	1	36 3/8	924	30 3/8	772	4	102	7	178	19 7/8	505	36 3/8	924	30 3/8	772	19 1/2	495
KESA020M6		1	36 3/8	924	30 3/8	772	4	102	7	178	19 7/8	505	36 3/8	924	30 3/8	772	19 1/2	495
KESA021M6	C	1	36 3/8	924	30 3/8	772	4	102	7	178	19 7/8	505	36 3/8	924	30 3/8	772	19 1/2	495
KESA030M6		2	43 7/8	1114	32 7/8	835	10 1/8	257	8	203	30 3/8	772	43 7/8	1114	32 7/8	835	30 3/16	767
KESA050H8	D	2	52 1/8	1324	35 7/8	911	10 1/8	257	6	152	41 7/8	1064	52 1/8	1324	35 7/8	911	41 11/16	1059
KESA051H8		2	52 1/8	1324	35 7/8	911	10 1/8	257	6	152	41 7/8	1064	52 1/8	1324	35 7/8	911	41 11/16	1059
KESA075H8		2	52 1/8	1324	35 7/8	911	10 1/8	257	6	152	41 7/8	1064	52 1/8	1324	35 7/8	911	41 11/16	1059
KESA077H8	E	3	65 1/8	1654	35 7/8	911	7 1/8	181	6	152	41 7/8	1064	65 1/8	1654	35 7/8	911	41 11/16	1059
KESA080H8		3	65 1/8	1654	35 7/8	911	7 1/8	181	6	152	41 7/8	1064	65 1/8	1654	35 7/8	911	41 11/16	1059
KESA100H8		3	65 1/8	1654	35 7/8	911	7 1/8	181	6	152	41 7/8	1064	65 1/8	1654	35 7/8	911	41 11/16	1059
KESA120H8	F	4	75 7/8	1927	45 3/4	1162	13 1/4	349	16 5/8	422	45 1/2	1156	75 7/8	1927	45 3/4	1162	45 17/32	1156
KESA150H8		4	75 7/8	1927	45 3/4	1162	13 1/4	349	16 5/8	422	45 1/2	1156	75 7/8	1927	45 3/4	1162	45 17/32	1156
KESA005L6	A	1	24 7/8	632	30 3/8	772	4	102	6	152	16 7/8	429	24 5/8	625	30 3/8	772	16 1/2	419
KESA008L6		1	24 7/8	632	30 3/8	772	4	102	6	152	16 7/8	429	24 5/8	625	30 3/8	772	16 1/2	419
KESA010L6	B	1	24 7/8	632	30 3/8	772	4	102	6	152	16 7/8	429	24 5/8	625	30 3/8	772	16 1/2	419
KESA015L6		1	36 3/8	924	30 3/8	772	4	102	7	178	19 7/8	505	36 3/8	924	30 3/8	772	19 1/2	495
KESA020L6	B	1	36 3/8	924	30 3/8	772	4	102	7	178	19 7/8	505	36 3/8	924	30 3/8	772	19 1/2	495
KESA021L6		1	36 3/8	924	30 3/8	772	4	102	7	178	19 7/8	505	36 3/8	924	30 3/8	772	19 1/2	495
KESA030L6	C	2	43 7/8	1114	32 7/8	835	10 1/8	257	8	203	30 3/8	772	43 7/8	1114	32 7/8	835	30 3/16	767
KESA032L6		2	43 7/8	1114	32 7/8	835	10 1/8	257	8	203	30 3/8	772	43 7/8	1114	32 7/8	835	30 3/16	767
KESA035L 6/8		2	43 7/8	1114	32 7/8	835	10 1/8	257	8	203	30 3/8	772	43 7/8	1114	32 7/8	835	30 3/16	767
KESA040L 6/8	D	2	43 7/8	1114	32 7/8	835	10 1/8	257	8	203	30 3/8	772	43 7/8	1114	32 7/8	835	30 3/16	767
KESA060L 6/8		2	52 1/8	1324	35 7/8	911	10 1/8	257	6	152	41 7/8	1064	52 1/8	1324	35 7/8	911	41 11/16	1059
KESA061L 6/8		2	52 1/8	1324	35 7/8	911	10 1/8	257	6	152	41 7/8	1064	52 1/8	1324	35 7/8	911	41 11/16	1059
KESA075L 6/8	E	2	52 1/8	1324	35 7/8	911	10 1/8	257	6	152	41 7/8	1064	52 1/8	1324	35 7/8	911	41 11/16	1059
KESA090L 6/8		3	65 1/8	1654	35 7/8	911	7 1/8	181	6	152	41 7/8	1064	65 1/8	1654	35 7/8	911	41 11/16	1059
KESA100L 6/8		3	65 1/8	1654	35 7/8	911	7 1/8	181	6	152	41 7/8	1064	65 1/8	1654	35 7/8	911	41 11/16	1059
KESA130L 6/8	F	4	75 7/8	1927	45 3/4	1162	13 1/4	349	16 5/8	422	45 1/2	1156	75 7/8	1927	45 3/4	1162	45 17/32	1156
KESA150L 6/8		4	75 7/8	1927	45 3/4	1162	13 1/4	349	16 5/8	422	45 1/2	1156	75 7/8	1927	45 3/4	1162	45 17/32	1156
KESA220L 6/8		4	75 7/8	1927	45 3/4	1162	13 1/4	349	16 5/8	422	45 1/2	1156	75 7/8	1927	45 3/4	1162	45 17/32	1156

DRAWING #	PAGE #
1	53
2	54
3	55
4	56

ANNUAL WALK-IN ENERGY FACTOR (AWEF) RATINGS FOR HIGH/MEDIUM TEMP. APPLICATIONS

COPELAND MODELS

BASE UNIT MODEL KESA	AWEF	
	OUTDOOR MODELS	INDOOR MODELS
KESA010M8	6.42	4.96
KESA020M8	7.30	5.45
KESA021M8	7.63	5.63
KESA030M8	7.59	5.84

BASE UNIT MODEL KESA	AWEF	
	OUTDOOR MODELS	INDOOR MODELS
KESA050H8	9.37	7.05
KESA075H8	9.05	6.67
KESA077H8	8.49	6.77
KESA080H8	8.49	6.63
KESA100H8	8.37	6.34
KESA120H8	8.41	6.48
KESA150H8	8.31	6.39

MODEL KES	CHASSIS	DRAWING # (see table below)	OUTDOOR MODELS										INDOOR MODELS					
			WIDTH		DEPTH						HEIGHT		WIDTH		DEPTH		HEIGHT	
					Base		With Hood, add:		Wind Guard, add:									
			Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm
KESB010H8	A	1	24 7/8	632	30 3/8	772	4	102	6	152	16 7/8	429	24 5/8	625	30 3/8	772	16 1/2	419
KESB015H8	B	1	36 3/8	924	30 3/8	772	4	102	7	178	19 7/8	505	36 3/8	924	30 3/8	772	19 1/2	495
KESB020H8		1	36 3/8	924	30 3/8	772	4	102	7	178	19 7/8	505	36 3/8	924	30 3/8	772	19 1/2	495
KESB025H8		1	36 3/8	924	30 3/8	772	4	102	7	178	19 7/8	505	36 3/8	924	30 3/8	772	19 1/2	495
KESB029H8	C	2	43 7/8	1114	32 7/8	835	10 1/8	257	8	203	30 3/8	772	43 7/8	1114	32 7/8	835	30 3/16	767
KESB030H8		2	43 7/8	1114	32 7/8	835	10 1/8	257	8	203	30 3/8	772	43 7/8	1114	32 7/8	835	30 3/16	767
KESB035H8		2	43 7/8	1114	32 7/8	835	10 1/8	257	8	203	30 3/8	772	43 7/8	1114	32 7/8	835	30 3/16	767
KESB040H8		2	43 7/8	1114	32 7/8	835	10 1/8	257	8	203	30 3/8	772	43 7/8	1114	32 7/8	835	30 3/16	767
KESB050H8	D	2	52 1/8	1324	35 7/8	911	10 1/8	257	6	152	41 7/8	1064	52 1/8	1324	35 7/8	911	41 11/16	1059
KESB060H8		2	52 1/8	1324	35 7/8	911	10 1/8	257	6	152	41 7/8	1064	52 1/8	1324	35 7/8	911	41 11/16	1059
KESB076H8	E	3	65 1/8	1654	35 7/8	911	7 1/8	181	6	152	41 7/8	1064	65 1/8	1654	35 7/8	911	41 11/16	1059
KESB090H8		3	65 1/8	1654	35 7/8	911	7 1/8	181	6	152	41 7/8	1064	65 1/8	1654	35 7/8	911	41 11/16	1059
KESB100H8		3	65 1/8	1654	35 7/8	911	7 1/8	181	6	152	41 7/8	1064	65 1/8	1654	35 7/8	911	41 11/16	1059
KESB121H8	F	4	75 7/8	1927	45 3/4	1162	13 1/4	349	16 5/8	422	45 1/2	1156	75 7/8	1927	45 3/4	1162	45 17/32	1156
KESB150H8		4	75 7/8	1927	45 3/4	1162	13 1/4	349	16 5/8	422	45 1/2	1156	75 7/8	1927	45 3/4	1162	45 17/32	1156
KESB200H8		4	75 7/8	1927	45 3/4	1162	13 1/4	349	16 5/8	422	45 1/2	1156	75 7/8	1927	45 3/4	1162	45 17/32	1156
KESB010L 6/8	A	1	24 7/8	632	30 3/8	772	4	102	6	152	16 7/8	429	24 5/8	625	30 3/8	772	16 1/2	419
KESB015L 6/8	B	1	36 3/8	899	29 3/8	746	4	102	7	178	18 7/8	479	35 3/8	899	29 3/8	746	18 1/2	470
KESB020L 6/8		1	36 3/8	924	30 3/8	772	4	102	7	178	19 7/8	505	36 3/8	924	30 3/8	772	19 1/2	495
KESB025L 6/8		1	36 3/8	924	30 3/8	772	4	102	7	178	19 7/8	505	36 3/8	924	30 3/8	772	19 1/2	495
KESB030L 6/8	C	2	43 7/8	1114	32 7/8	835	10 1/8	257	8	203	30 3/8	772	43 7/8	1114	32 7/8	835	30 3/16	767
KESB031L 6/8		2	43 7/8	1114	32 7/8	835	10 1/8	257	8	203	30 3/8	772	43 7/8	1114	32 7/8	835	30 3/16	767
KESB039L 6/8		2	43 7/8	1114	32 7/8	835	10 1/8	257	8	203	30 3/8	772	43 7/8	1114	32 7/8	835	30 3/16	767
KESB050L 6/8	D	2	52 1/8	1324	35 7/8	911	10 1/8	257	6	152	41 7/8	1064	52 1/8	1324	35 7/8	911	41 11/16	1059
KESB060L 6/8		2	52 1/8	1324	35 7/8	911	10 1/8	257	6	152	41 7/8	1064	52 1/8	1324	35 7/8	911	41 11/16	1059
KESB080L 6/8	E	3	65 1/8	1654	35 7/8	911	7 1/8	181	6	152	41 7/8	1064	65 1/8	1654	35 7/8	911	41 11/16	1059
KESB100L 6/8		3	65 1/8	1654	35 7/8	911	7 1/8	181	6	152	41 7/8	1064	65 1/8	1654	35 7/8	911	41 11/16	1059
KESB120L 6/8		3	65 1/8	1654	35 7/8	911	7 1/8	181	6	152	41 7/8	1064	65 1/8	1654	35 7/8	911	41 11/16	1059

DRAWING #	PAGE #
1	53
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ANNUAL WALK-IN ENERGY FACTOR (AWEF) RATINGS FOR HIGH/MEDIUM TEMP. APPLICATIONS

BITZER MODELS

BASE UNIT MODEL KESA	AWEF	
	OUTDOOR MODELS	INDOOR MODELS
KESB010H8	5.88	4.67
KESB015H8	6.42	5.14
KESB020H8	6.64	5.23
KESB025H8	6.87	5.40
KESB029H8	7.25	5.85
KESB030H8	7.82	6.24
KESB035H8	7.87	6.25
KESB040H8	7.81	6.09

BASE UNIT MODEL KESA	AWEF	
	OUTDOOR MODELS	INDOOR MODELS
KESB050H8	8.32	6.57
KESB060H8	8.16	6.28
KESB076H8	8.09	6.42
KESB090H8	7.96	6.18
KESB100H8	8.37	6.41
KESB121H8	8.29	6.53
KESB150H8	8.31	6.46
KESB200H8	8.27	6.31

MODEL KES	UNIT CONNECTIONS				R404A RECEIVER CAPACITY 90% FULL *		SHIPPING WEIGHT			
	SUCTION (OD)		LIQUID (OD)				OUTDOOR MODELS		INDOOR MODELS	
	Inches	mm	Inches	mm	Lbs.	Kgs	Lbs.	Kgs	Lbs.	Kgs
KESA008H2	1/2	13	3/8	10	6	2.7	240	109	230	104
KESA010H2	5/8	16	3/8	10	6	2.7	270	122	260	118
KESA015H2	7/8	22	3/8	10	16	7.3	310	141	295	134
KESA020H2	7/8	22	3/8	10	16	7.3	320	145	305	138
KESA030H2	7/8	22	1/2	13	25	11.3	477	216	432	196
KESA008M2	5/8	16	3/8	10	6	2.7	240	109	230	104
KESA010M2	5/8	16	3/8	10	6	2.7	270	122	260	118
KESA021M2	7/8	22	3/8	10	16	7.3	390	177	370	168
KESA010M6	5/8	16	3/8	10	5.2	2.4	270	122	260	118
KESA020M6	7/8	22	3/8	10	14	6.4	320	145	305	138
KESA021M6	7/8	22	3/8	10	14	6.4	390	177	370	168
KESA030M6	7/8	22	1/2	13	22	10.0	477	216	432	196
KESA050H8	1 1/8	29	1/2	13	31	14.1	766	347	721	327
KESA051H8	1 1/8	29	1/2	13	31	14.1	769	349	724	328
KESA075H8	1 3/8	35	5/8	16	31	14.1	780	354	735	333
KESA077H8	1 3/8	35	5/8	16	54	24.5	885	401	830	376
KESA080H8	1 3/8	35	5/8	16	54	24.5	885	401	830	376
KESA100H8	1 3/8	35	5/8	16	54	24.5	885	401	830	376
KESA120H8	1 3/8	35	7/8	22	76	34.5	1085	492	1030	467
KESA150H8	1 3/8	35	7/8	22	76	34.5	1085	492	1030	467
KESA005L6	1/2	13	3/8	10	5.2	2.4	240	109	230	104
KESA008L6	5/8	16	3/8	10	5.2	2.4	270	122	260	118
KESA010L6	5/8	16	3/8	10	5.2	2.4	290	132	275	125
KESA015L6	7/8	22	3/8	10	14	6.4	315	143	300	136
KESA020L6	7/8	22	3/8	10	14	6.4	385	175	370	168
KESA021L6	7/8	22	3/8	10	14	6.4	390	177	375	170
KESA030L6	1 1/8	29	1/2	13	22	10.0	493	224	448	203
KESA032L6	1 1/8	29	1/2	13	22	10.0	491	223	446	202
KESA035L 6/8	1 1/8	29	1/2	13	22	10.0	588	267	543	246
KESA040L 6/8	1 1/8	29	1/2	13	22	10.0	618	280	573	260
KESA060L 6/8	1 1/8	29	1/2	13	31	14.1	781	354	736	334
KESA061L 6/8	1 3/8	35	5/8	16	31	14.1	819	371	774	351
KESA075L 6/8	1 3/8	35	5/8	16	31	14.1	827	375	782	355
KESA090L 6/8	1 3/8	35	5/8	16	54	24.5	885	401	830	376
KESA100L 6/8	1 3/8	35	5/8	16	54	24.5	885	401	830	376
KESA130L 6/8	1 5/8	41	7/8	22	76	34.5	1185	538	1130	513
KESA150L 6/8	1 5/8	41	7/8	22	76	34.5	1185	538	1130	513
KESA220L 6/8	2 1/8	54	7/8	22	76	34.5	1185	538	1130	513

*** NOTE ON ALTERNATE REFRIGERANTS:**

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

R407A	R407C	R448A	R507	R22
1.10	1.10	1.05	1.00	1.15

- For R449A, use R448A data.

MODEL KES	UNIT CONNECTIONS				R404A RECEIVER CAPACITY 90% FULL *		SHIPPING WEIGHT			
	SUCTION (OD)		LIQUID (OD)				OUTDOOR MODELS		INDOOR MODELS	
	Inches	mm	Inches	mm	Lbs.	Kgs	Lbs.	Kgs	Lbs.	Kgs
KESB010H8	5/8	16	3/8	10	5.2	2	275	125	260	118
KESB015H8	7/8	22	3/8	10	14	6	350	159	330	150
KESB020H8	7/8	22	3/8	10	14	6	360	163	340	154
KESB025H8	7/8	22	3/8	10	14	6	375	170	355	161
KESB029H8	1 1/8	29	1/2	13	22	10	386	175	361	164
KESB030H8	1 1/8	29	1/2	13	22	10	437	198	392	178
KESB035H8	1 1/8	29	1/2	13	22	10	449	204	404	183
KESB040H8	1 1/8	29	1/2	13	22	10	452	205	407	185
KESB050H8	1 1/8	29	5/8	16	31	14.1	648	294	603	274
KESB060H8	1 3/8	35	5/8	16	31	14.1	652	296	607	275
KESB076H8	1 3/8	35	5/8	16	54	24.5	700	318	660	299
KESB090H8	1 3/8	35	5/8	16	54	24.5	750	340	695	315
KESB100H8	1 3/8	35	5/8	16	54	24.5	800	363	745	338
KESB121H8	1 3/8	35	7/8	22	76	34.5	1005	456	950	431
KESB150H8	1 5/8	41	7/8	22	76	34.5	1005	456	950	431
KESB200H8	1 5/8	41	7/8	22	76	34.5	1005	456	950	431
KESB010L 6/8	5/8	16	3/8	10	5.2	2	275	125	260	118
KESB015L 6/8	7/8	22	3/8	10	14	6	350	159	330	150
KESB020L 6/8	7/8	22	3/8	10	14	6	360	163	340	154
KESB025L 6/8	7/8	22	3/8	10	14	6	375	170	355	161
KESB030L 6/8	1 1/8	29	1/2	13	22	10	436	198	391	177
KESB031L 6/8	1 1/8	29	1/2	13	22	10	463	210	418	190
KESB039L 6/8	1 1/8	29	1/2	13	22	10	479	217	434	197
KESB050L 6/8	1 3/8	35	5/8	16	31	14.1	647	293	602	273
KESB060L 6/8	1 3/8	35	5/8	16	31	14.1	658	298	613	278
KESB080L 6/8	1 3/8	35	5/8	16	54	24.5	790	358	735	333
KESB100L 6/8	1 3/8	35	5/8	16	54	24.5	800	363	745	338
KESB120L 6/8	1 3/8	35	5/8	16	54	24.5	805	365	750	340

*** NOTE ON ALTERNATE REFRIGERANTS:**

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

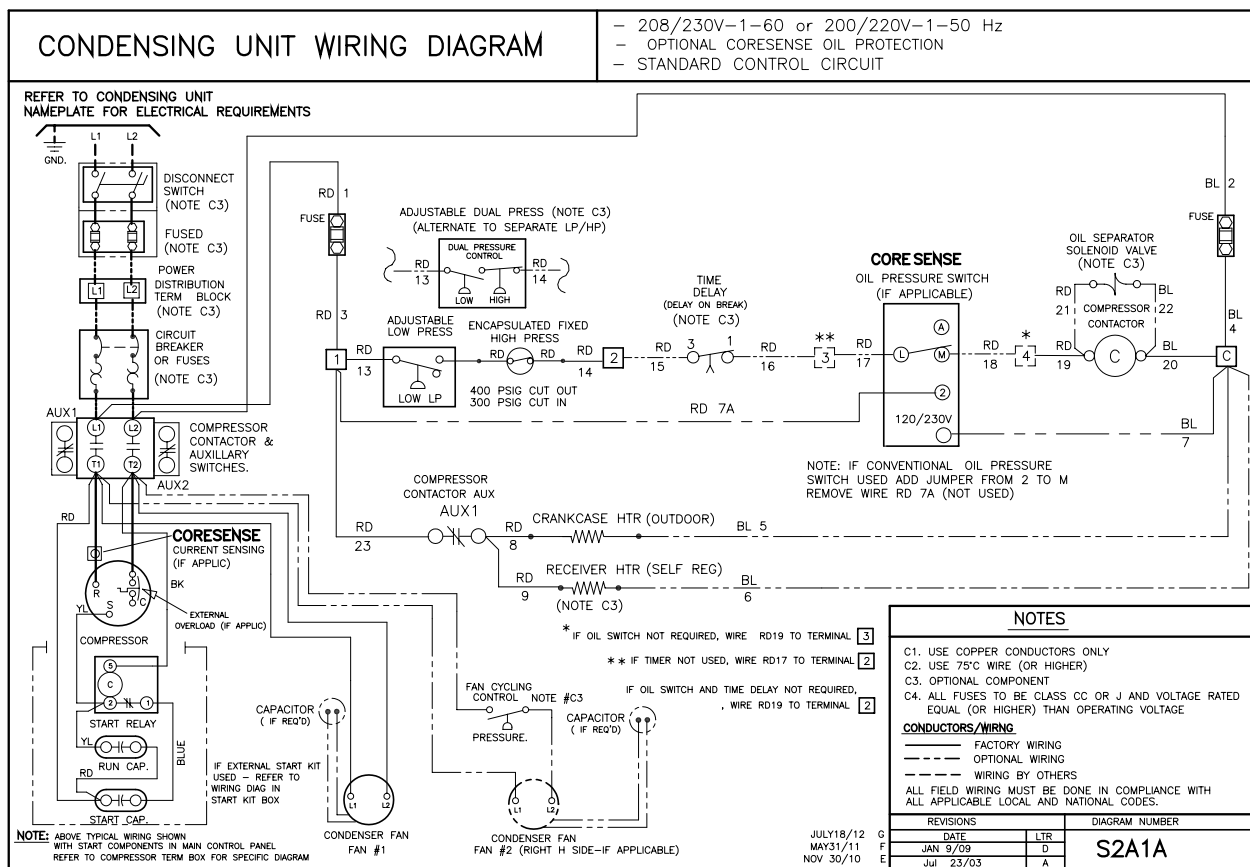
R407A	R407C	R448A	R507	R22
1.10	1.10	1.05	1.00	1.15

- For R449A, use R448A data.

TYPICAL SYSTEM WIRING DIAGRAM

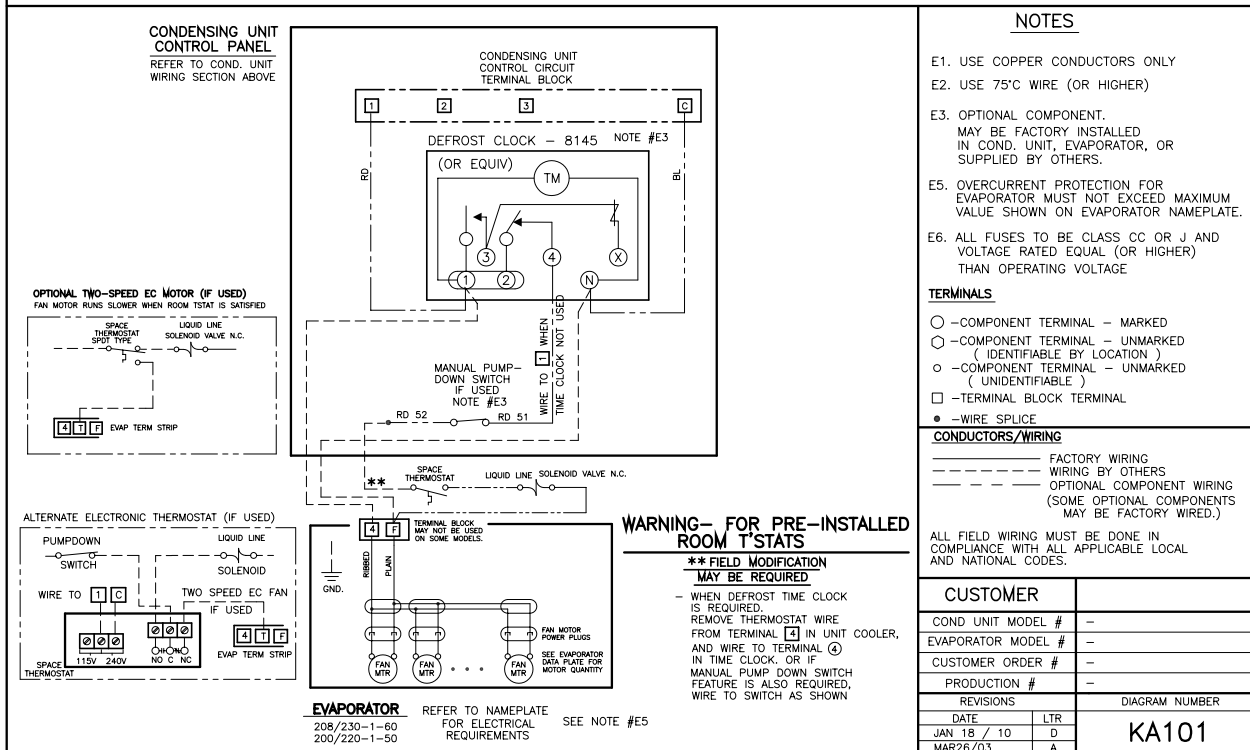
208-230/1/60 Unit

with 230V Air Defrost Evaporator



TYPICAL EVAPORATOR WIRING: FOR SINGLE AIR DEFROST EVAPORATOR— SINGLE POINT

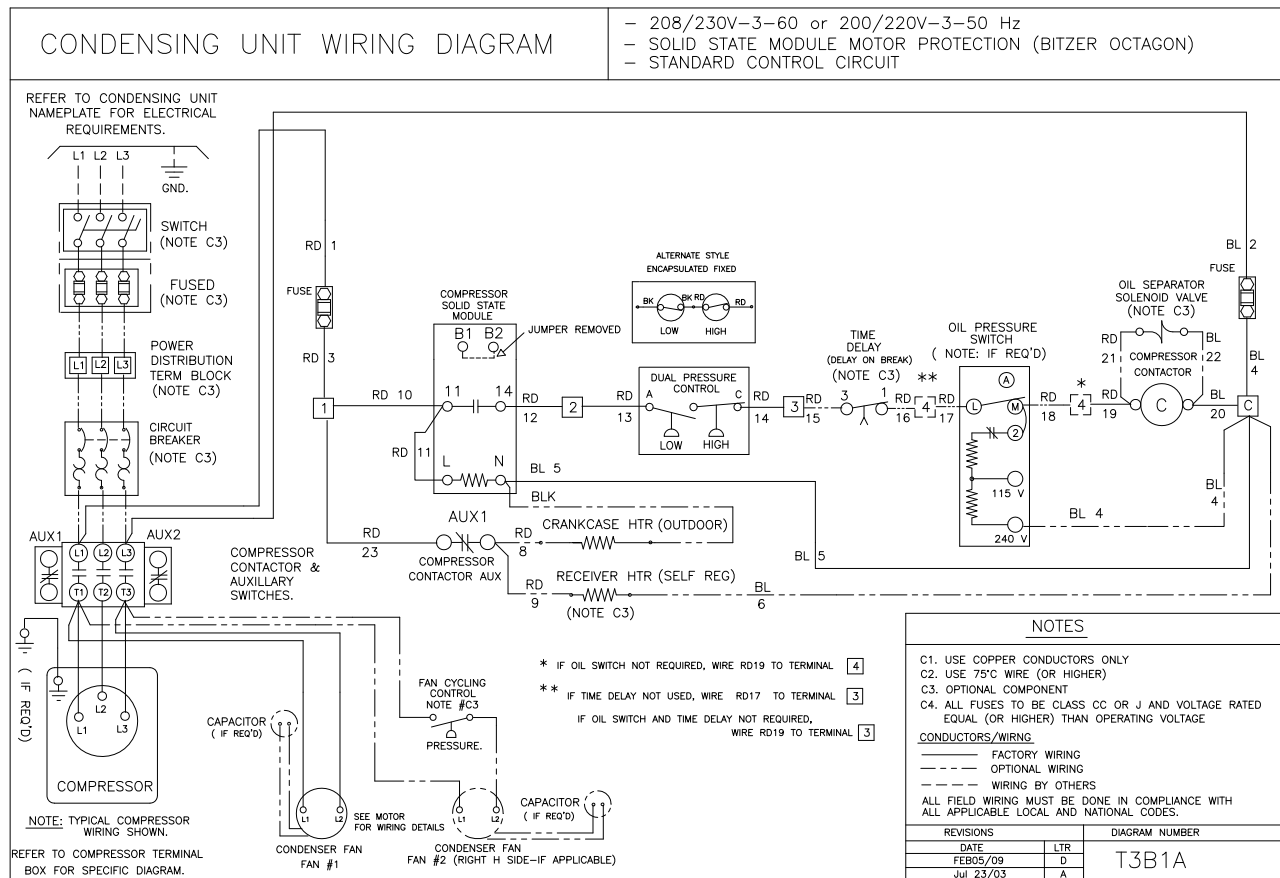
FOR USE WITH: 208/230-1-60, 200/220-1-50 OR 208/230-3-60, 200/220-3-50 CONDENSING UNITS
WITH OR WITHOUT DEFROST TIME CLOCK AND FOR TOTAL EVAP FAN AMPS NOT EXCEEDING 12A



TYPICAL SYSTEM WIRING DIAGRAM

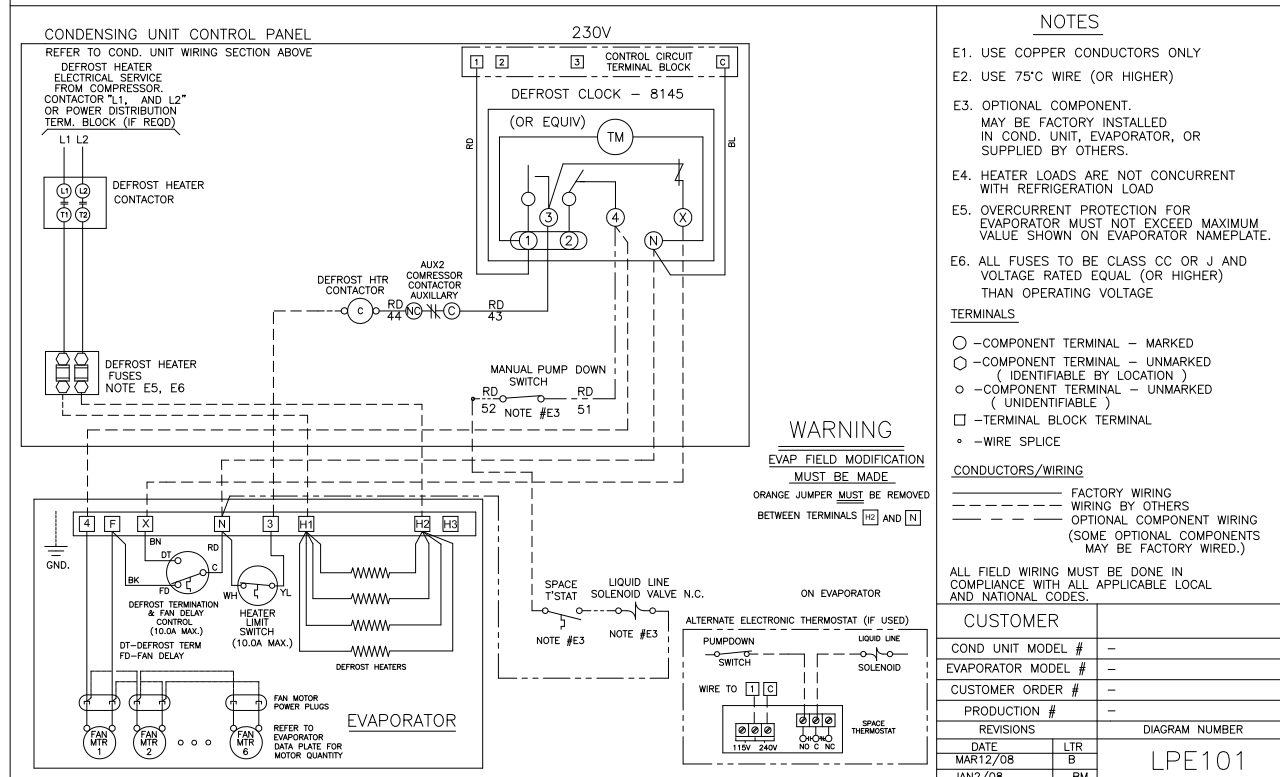
208-230/3/60 Unit

with 230V Electric Defrost Evaporator

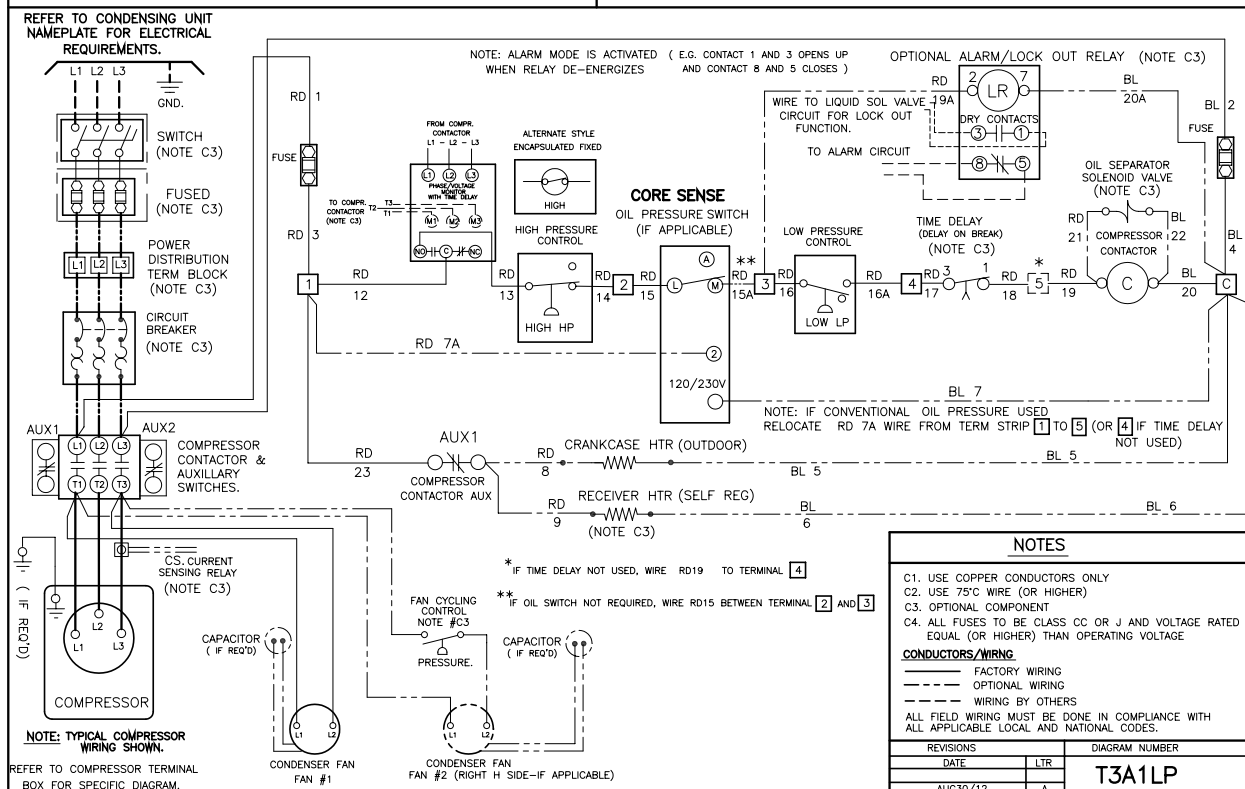


TYPICAL EVAPORATOR WIRING: FOR SINGLE LOW PROFILE ELECT 1 PHASE DEFROST EVAPORATOR—SINGLE POINT

FOR USE WITH: 230V SINGLE OR THREE PHASE CONDENSING UNITS WITH DEFROST TIME CLOCK, AND DEFROST HEATER CONTACTOR

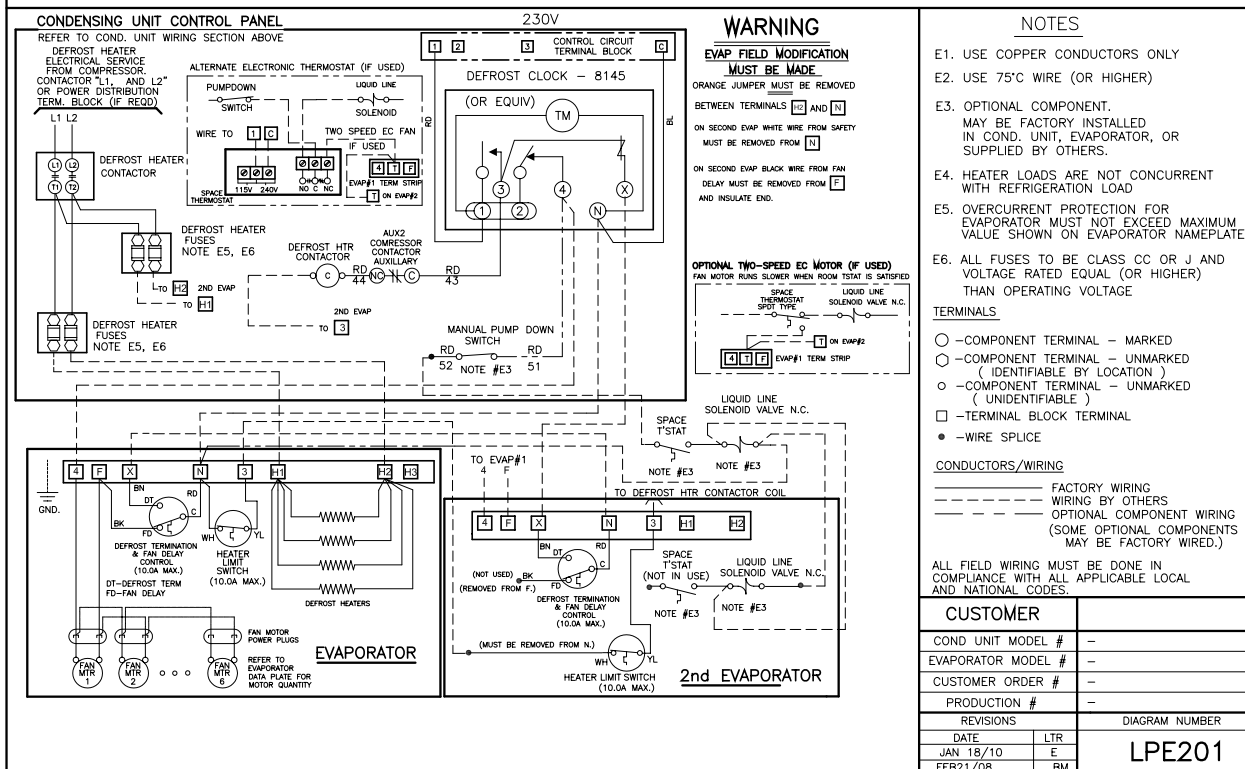


- 208/230V-3-60 or 200/220V-3-50 Hz
- INHERENT MOTOR OVERLOAD WITH OPTIONAL CORESENSE OIL PROTECTION
- STD CTRL CIRC. SEPARATE LP/HP, OPT ALARM RELAY, PHASE MONITOR



TYPICAL EVAPORATOR WIRING: FOR TWO SINGLE LOW PROFILE ELECT DEF 230V 1 PH. EVAPORATORS-SINGLE POINT
MAX TOTAL EVAP FAN AMPS-10A

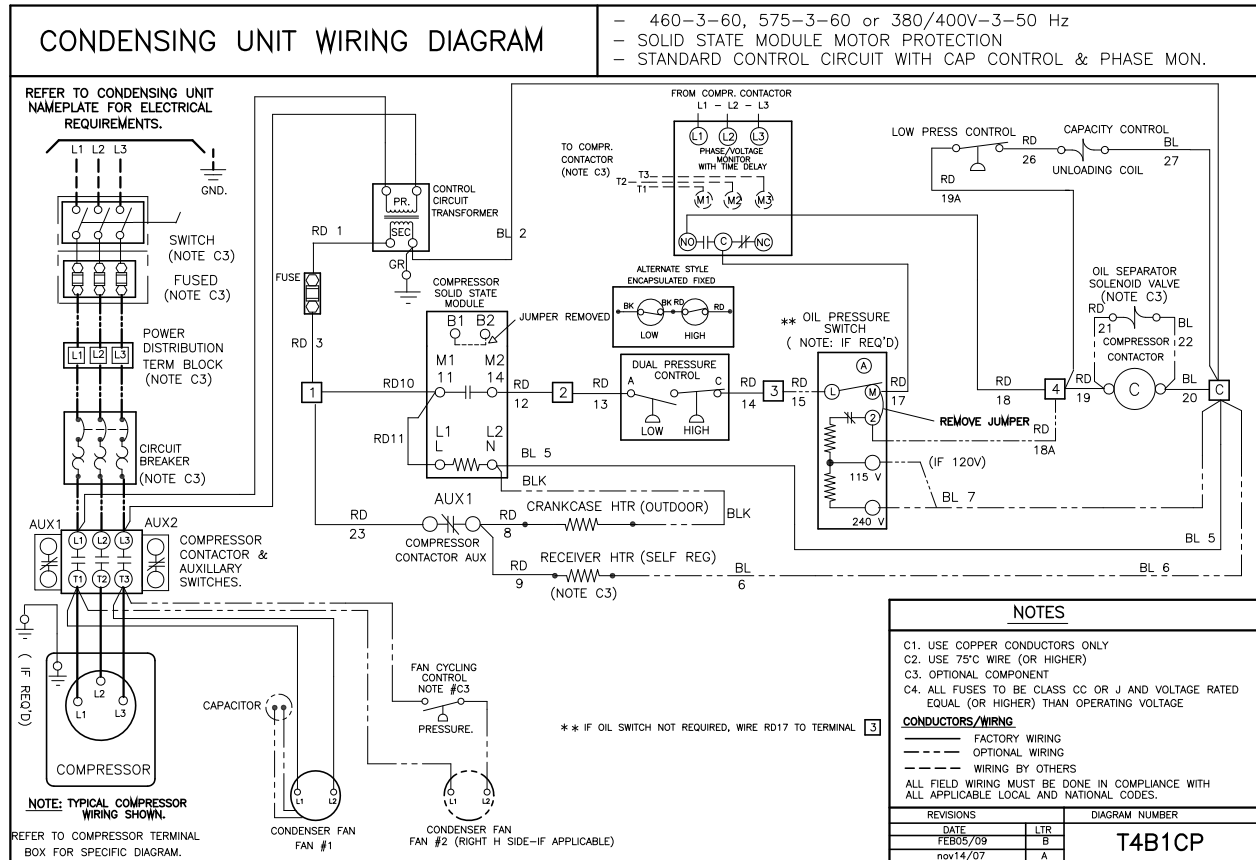
FOR USE WITH: 230V SINGLE OR THREE PHASE CONDENSING UNITS WITH DEFROST TIME CLOCK, AND DEFROST HEATER CONTACTOR



TYPICAL SYSTEM WIRING DIAGRAM

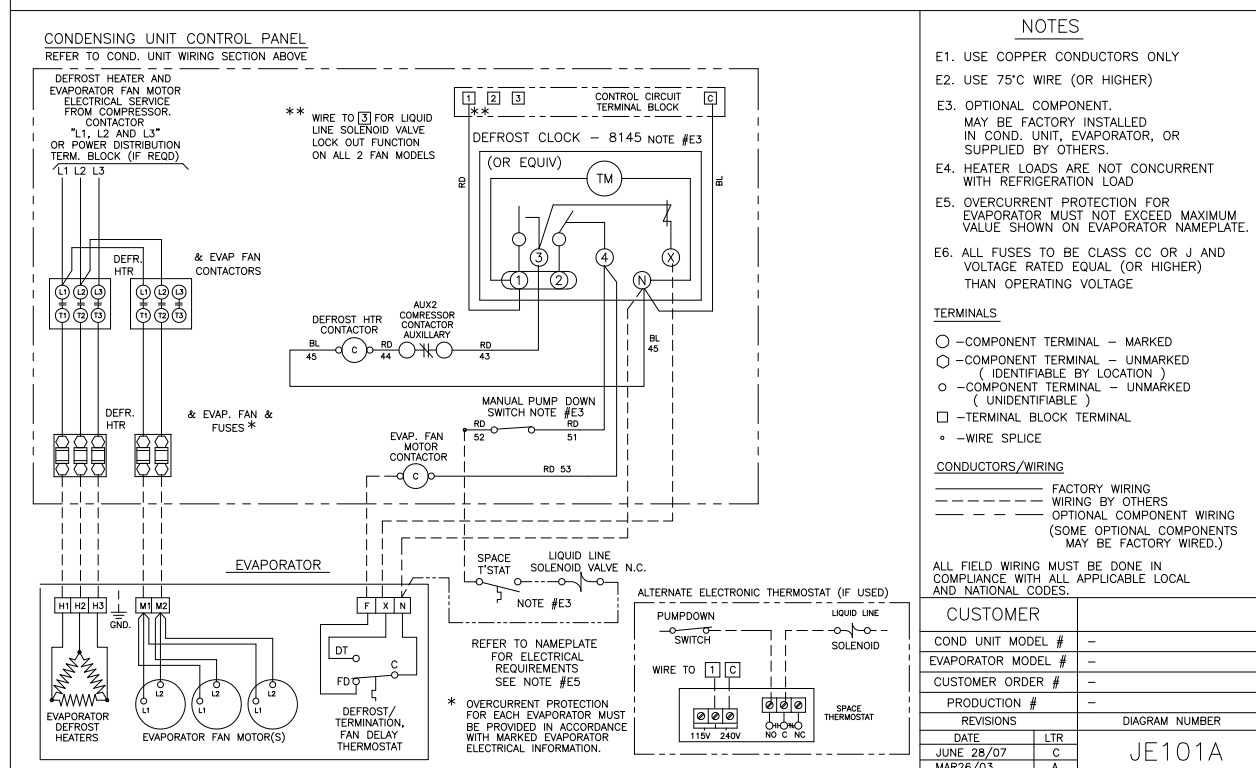
460/3/60 or 575/3/60 Unit

with 460 or 575V Electric Defrost Evaps

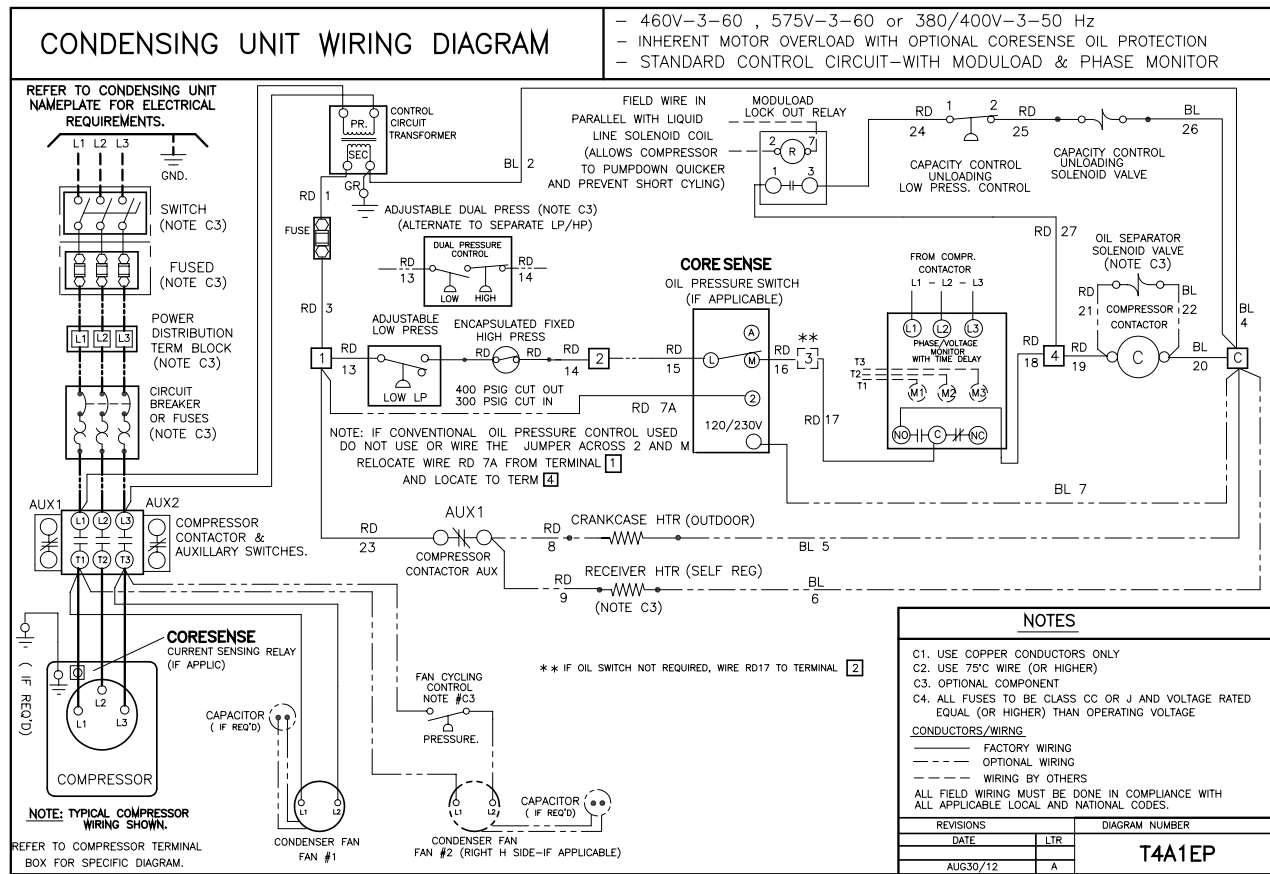


TYPICAL EVAPORATOR WIRING: FOR SINGLE MED PROFILE ELECT DEFROST EVAPORATOR— SINGLE POINT

FOR USE WITH: THREE PHASE CONDENSING UNITS WITH DEFROST TIME CLOCK, & EVAP FAN AND DEF. HTR. CONTACTORS.

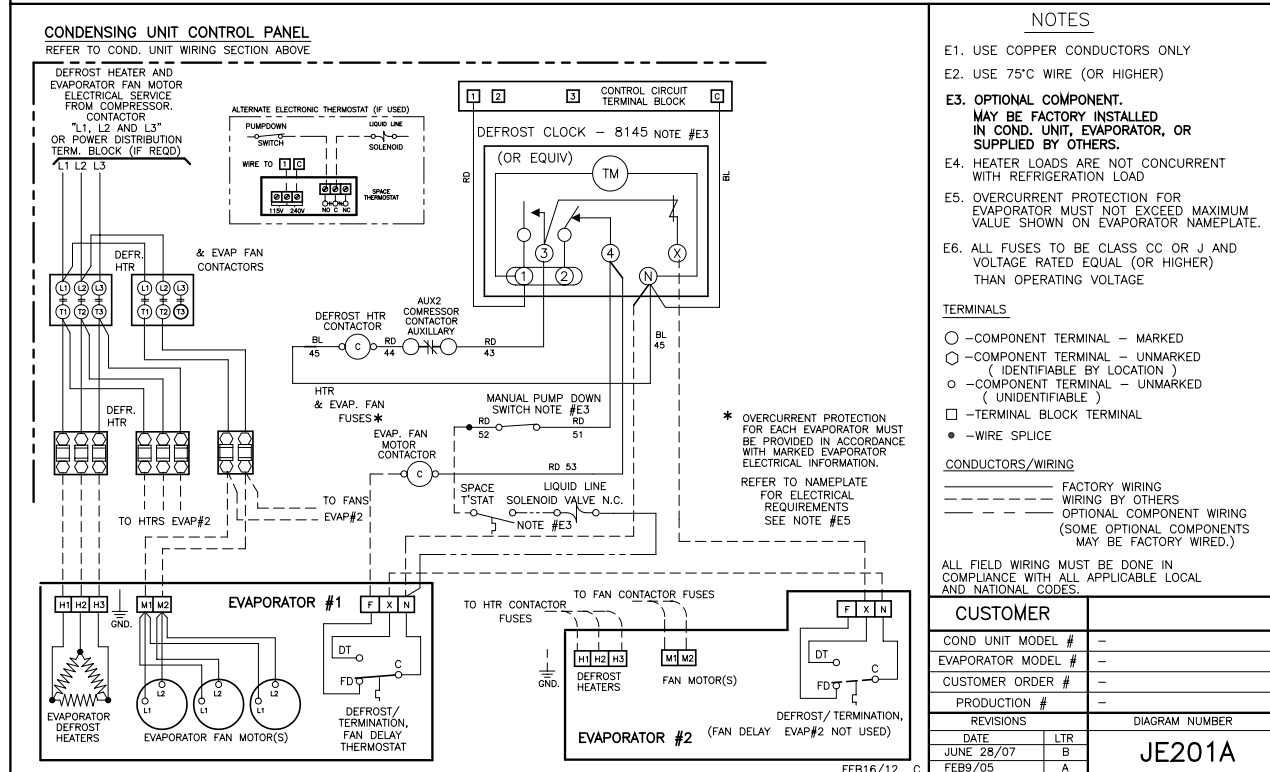


460/3/60 or 575/3/60 Unit with Two (2) 460 or 575V Electric Defrost Evaps



TYPICAL EVAPORATOR WIRING: FOR TWO MED PROFILE ELECT DEFROST EVAPORATORS— SINGLE POINT

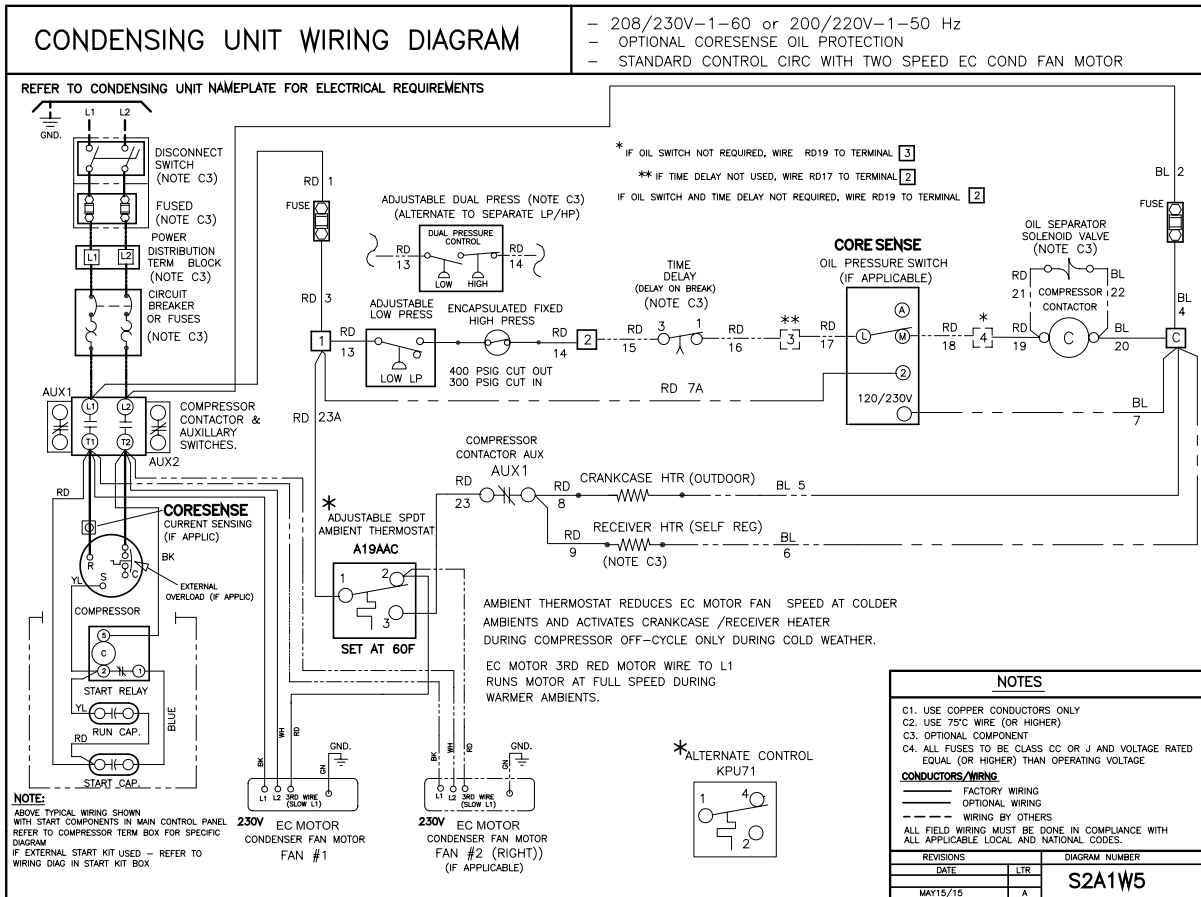
FOR USE WITH: THREE PHASE CONDENSING UNITS WITH DEFROST TIME CLOCK, & EVAP FAN AND DEFROST HTR. CONTACTORS.



TYPICAL SYSTEM WIRING DIAGRAM

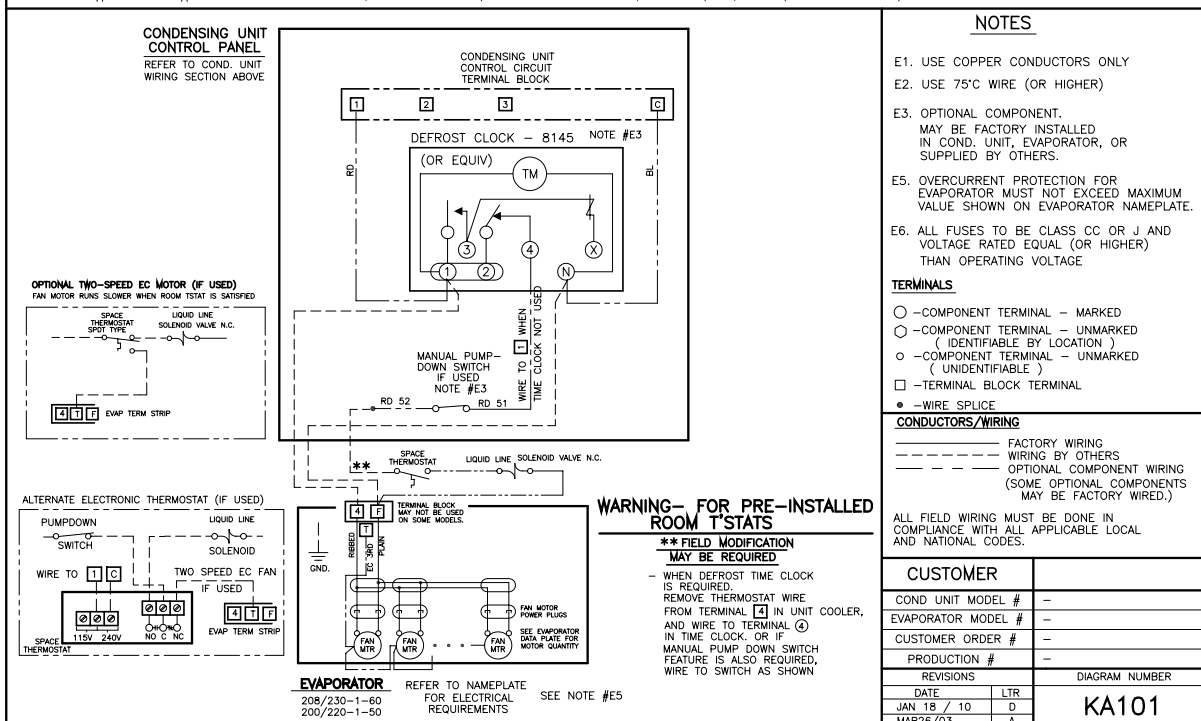
208-230/1/60 Unit with SMARTSPEED™

with 230V Air Defrost Evaporator



TYPICAL EVAPORATOR WIRING: FOR SINGLE AIR DEFROST EVAPORATOR— SINGLE POINT

FOR USE WITH: 208/230-1-60, 200/220-1-50 OR 208/230-3-60, 200/220-3-50 CONDENSING UNITS
 WITH OR WITHOUT DEFROST TIME CLOCK AND FOR TOTAL EVAP FAN AMPS NOT EXCEEDING 12A



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



PRODUCT SUPPORT

web: k-rp.com/kes
email: smcu@k-rp.com
call: 1-844-893-3222 x521



TROUBLESHOOTING

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



SERVICE PARTS

web: k-rp.com/parts
email: parts@k-rp.com
call: 1-844-893-3222 x501



WARRANTY

web: k-rp.com/warranty
email: warranty@k-rp.com
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ORDERS

email: orders@k-rp.com
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NATIONAL REFRIGERATION &
AIR CONDITIONING CANADA CORP.
159 ROY BLVD., BRANTFORD, ON, N3R 7K1



1-800-463-9517 (519) 751-0444
www.k-rp.com info@k-rp.com fax: (519) 753-1140

Due to the manufacturer's policy of continuous product improvement, we reserve the right to make changes without notice.