



*Tecumseh*

# Compressor Quick Select Guide

Wholesale Distribution  
North America

# COMPRESSOR MODEL NOMENCLATURE

(AE<sup>2</sup> models only)      **AE**      **4**      **440**      **Y** - **AA**      **1A**

All models except AE<sup>2</sup>)

**AEA**      **4**      **440**      **Y**      **XA**

Compressor Family (First Two Digits) Release Variant (The Third Digit)	Application	First Digit is the No. of Digits in Btu/h Capacity Last Two Digits are the First Two Digits in Rated Btu/h Capacity	Refrigerant	Voltage	Release Variant (AE <sup>2</sup> models only)
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Examples:  
AE<sup>2</sup> model number:  
**AE4440Y-AA1A**

Model number except AE<sup>2</sup>:  
**AEA4440YXA**

<b>AE</b>
<b>AG</b>
<b>AH</b>
<b>AJ</b>
<b>AK</b>
<b>AN</b>
<b>AV</b>
<b>AW</b>
<b>AZ</b>
<b>RG</b>
<b>RK</b>
<b>SA</b>
<b>SF</b>
<b>TP</b>
<b>HG</b>
<b>TH</b>
<b>TW</b>
<b>VS</b>

<b>A</b> = 1st
<b>B</b> = 2nd
<b>C</b> = 3rd
<b>etc...</b>

In this example (4) total digits, with the first two (40), or 4,000 BTU capacity

Primary Application Parameters		
Evap Temperature	Rating Point	Motor Starting Torque
1. Low	-10°F	Normal
2. Low	-10°F	High
3. High	+45°F	Normal
4. High	+45°F	High
5. Air Cond	+45°F	Normal
6. Medium	+20°F	Normal
7. Medium	+20°F	High
8. Air Cond	+49°F	Normal
9. Commercial	+20°F	High
0. Commercial	+20°F	Normal
F. Low – Vapor Inj	-10°F	High
G. Low – Liquid Inj	-10°F	High

Primary Refrigerants
<b>A</b> = R12
<b>B</b> = R410A
<b>C</b> = R407C
<b>E</b> = R22
<b>J</b> = R502
<b>U</b> = R290
<b>Y</b> = R134a
<b>Z</b> = R404A/R507

The first digit is the Motor Type; the next digit is the Motor Efficiency
1 = Induction Run (RSIR/ CSIR)
2 = Optional Run Cap
3 = Capacitor Start/Run (CSR)
A = Standard Efficiency
B = Medium Efficiency
C = High Efficiency

Voltage Codes
<b>AA</b> = 115/60/1
<b>AB</b> = 115/60/1; 90/50/1
<b>FZ</b> = 220-240/50/1
<b>NA</b> = 208-230/60/1
<b>VA</b> = 265/60/1; 220-240/50/1
<b>XA</b> = 115/60/1; 100/50/1
<b>XB</b> = 230/60/1; 200/50/1
<b>XC</b> = 220-240/50/1
<b>XD</b> = 208-230/60/1; 200/50/1
<b>XF</b> = 208-230/60/3; 200-240/50/3
<b>XG</b> = 460/60/3; 380-420/50/3
<b>XH</b> = 575/60/3; 480-520/50/3
<b>XN</b> = 208-230/60/1; 200-220/50/1
<b>XP</b> = 220/60/1; 200/50/1
<b>XT</b> = 200-230/60/3; 200-220/50/3
<b>XU</b> = 100/60/1; 100/50/1
<b>XV</b> = 265/60/1

NOTE: For explanation of compressor families and codes, contact Tecumseh Products Company.

## Compressor Replacement Guides and Quick Selects

This document is not to be used as a drop-in replacement guide. The cross-reference is offered to use as a tool to help identify potential replacement options based on performance fit. Mounting and tubing connections are likely to differ from original installation. With use, system performance parameters will most likely have changed from initial specifications. Careful review of current application requirements is essential. **IT IS THE RESPONSIBILITY OF THE SERVICE PERSON TO ASSURE THEY HAVE PURCHASED A REPLACEMENT PRODUCT WHICH MEETS THE NEED OF THE APPLICATION.** Failure to do so may result in misapplication requiring immediate or subsequent additional compressor replacement.

**Legacy AE Transition**
**Note: Legacy AE to AE<sup>2</sup> Compressor Models**

Tecumseh's planned transition of the legacy AE compressor will be complete in the 4th quarter 2014.

Some compressor models may still be available in stock at some wholesale branches. Models that have been transitioned, see page 11.

Model Number	Item Number (Bill of Material)	Volt/Hz/Ph	HP	Motor Type*	Starting Torque	Rating (Btu/h)	Connection Size (in)		Wt (lbs)
							Suction	Discharge	
<b>R12 Compressors</b>									
<b>High Temperature Rated @ 45°F</b>									
AE3425A-AA1A	AE1253E-212-J7	115/60/1	1/4	RSIR	Normal	2,500	5/16 ODF	1/4 ODF	22
AE4430A-AA1A	AE1251E-212-J7	115/60/1	1/4	CSIR	High	3,000	5/16 ODF	1/4 ODF	24
AE4430A-AA1A	AE1254E-215-J7	115/60/1	1/4	CSIR	High	3,000	3/8 SAE	1/4 ODF	24
AE4440A-AA1A	AE1250E-212-J7	115/60/1	1/3	CSIR	High	4,000	5/16 ODF	1/4 ODF	25
AE4440A-AA1A	AE1252E-215-J7	115/60/1	1/3	CSIR	High	4,000	3/8 SAE	1/4 ODF	25
AJA4461AXA^	AJ311AT-424-J7	115/60/1	1/2	CSIR	High	6,100	3/8 ODF	1/4 ODF	50
AJA4461AXA	AJ311AT-126-J7	115/60/1	1/2	CSIR	High	6,100	3/8 ODF	1/4 ODF	50
AJA4461AXA	AJ311AT-141-J7	115/60/1	1/2	CSIR	High	6,100	1/2 SAE RL	5/16 ODF	50
AJA4461AXD^	AJ311FT-424-J7	208-230/60/1	1/2	CSIR	High	6,100	3/8 ODF	1/4 ODF	50
AJA4461AXD	AJ311FT-141-J7	208-230/60/1	1/2	CSIR	High	6,100	1/2 SAE RL	5/16 ODF	50
AJA4492AXA^	AJ100AT-434-J7	115/60/1	3/4	CSIR	High	9,150	3/8 ODF	1/4 ODF	48
AJA4492AXA†	AJ100AT-193-J7	115/60/1	3/4	CSIR	High	9,150	5/8 SAE RL	5/16 ODF	48
AJA4492AXD^	AJ100GT-434-J7	208-230/60/1	3/4	CSIR	High	9,150	3/8 ODF	1/4 ODF	49
AJA4492AXD	AJ100GT-193-J7	208-230/60/1	3/4	CSIR	High	9,150	5/8 SAE RL	5/16 ODF	49
AJA4512AXD^	AJ131GT-434-J7	208-230/60/1	1	CSR	High	12,300	3/8 ODF	1/4 ODF	49
AJA4512AXD	AJ131GT-193-J7	208-230/60/1	1	CSR	High	12,300	5/8 SAE RL	5/16 ODF	49
AHA4518AXD	AH110FF-509-J7	208-230/60/1	1 1/2	CSR	High	18,000	7/8 ODF RL	3/8 ODF	73
AHA4518AXF	AH222RF-510-J7	208-230/60/3	1 1/2	3 PH	3 PH	18,000	7/8 ODF RL	3/8 ODF	68
AHA4518AXG	AH222TF-510-J7	460/60/3	1 1/2	3 PH	3 PH	18,000	7/8 ODF RL	3/8 ODF	70
AHA4525AXF	AH303RF-510-J7	208-230/60/3	2	3 PH	3 PH	25,500	7/8 ODF RL	3/8 ODF	71
AHA4525AXG	AH303TF-510-J7	460/60/3	2	3 PH	3 PH	25,500	7/8 ODF RL	3/8 ODF	70
AHA4525AXD	AH300FF-510-J7	208-230/60/1	2	CSR	High	26,250	7/8 ODF RL	3/8 ODF	77
AGA4534AXT	AG155RT-017-J7	200-230/60/3	2 3/4	3 PH	3 PH	33,700	1 1/8 ODF RL	1/2 ODF	98
AGA4534AXN	AG155ET-017-J7	208-230/60/1	2 3/4	CSR	High	33,700	1 1/8 ODF RL	1/2 ODF	110
AGA4543AXT	AG166RT-017-J7	200-230/60/3	3 1/2	3 PH	3 PH	43,000	1 1/8 ODF RL	1/2 ODF	100
AGA4543AXN	AG166ET-017-J7	208-230/60/1	3 1/2	CSR	High	43,000	1 1/8 ODF RL	1/2 ODF	106
<b>R12 Compressors</b>									
<b>Commercial and Medium Temperature Rated @ 20°F</b>									
AKA9434AXA	AK159AT-038-J7	115/60/1	1/2	CSIR	High	3,350	1/2 SAE RL	1/4 ODF	42
AKA9441AXA	AK163AT-038-J7	115/60/1	1/2	CSIR	High	4,100	1/2 SAE RL	1/4 ODF	43
AJA7441AXA^	AJ530AT-435-J7	115/60/1	1/2	CSIR	High	4,400	3/8 ODF	3/8 ODF	48
AJA7441AXA	AJ530AT-336-J7	115/60/1	1/2	CSIR	High	4,400	1/2 SAE RL	5/16 ODF	48
AJA7441AXD^	AJ530FT-435-J7	208-230/60/1	1/2	CSIR	High	4,400	3/8 ODF	3/8 ODF	48
AJA7441AXD	AJ530FT-336-J7	208-230/60/1	1/2	CSIR	High	4,400	1/2 SAE RL	5/16 ODF	48
AJA7465AXA ^	AJ201AT-435-J7	115/60/1	3/4	CSR	High	6,650	3/8 ODF	3/8 ODF	52
AJA7465AXA	AJ201AT-188-J7	115/60/1	3/4	CSR	High	6,650	5/8 SAE RL	5/16 ODF	52
AJA7465AXA	AJ201AT-426-J7	115/60/1	3/4	CSR	High	6,650	1/2 ODF	3/8 ODF	52
AJB7465AXD	AJ201GT-435-J7	208-230/60/1	3/4	CSIR	High	6,650	3/8 ODF	3/8 ODF	52
AJB7465AXD	AJ201GT-188-J7	208-230/60/1	3/4	CSIR	High	6,650	5/8 SAE RL	5/16 ODF	52
AJB7465AXD	AJ201GT-426-J7	208-230/60/1	3/4	CSIR	High	6,650	1/2 ODF	3/8 ODF	55

^ Replacement compressor for Celseon AK/AJ air-cooled condensing unit platform.



Model Number	Item Number (Bill of Material)	Volt/Hz/Ph	HP	Motor Type*	Starting Torque	Rating (Btu/h)	Connection Size (in)		Wt (lbs)
							Suction	Discharge	
<b>R12 Compressors</b>									
<b>Commercial and Medium Temperature Rated @ 20°F (continued)</b>									
AHA7480AXD	AH160FF-509-J7	208-230/60/1	1	CSR	High	8,000	5/8 ODF RL	3/8 ODF	71
AHA7480AXF	AH256RF-510-J7	208-230/60/3	1	3 PH	3 PH	8,000	5/8 ODF RL	3/8 ODF	71
AHA7511AXF	AH313RF-510-J7	208-230/60/3	1 1/2	3 PH	3 PH	12,000	7/8 ODF RL	3/8 ODF	68
AHB7511AXD	AH311GF-510-J7	208-230/60/1	1 1/2	CSR	High	12,000	7/8 ODF RL	3/8 ODF	75
AHA7514AXD	AH333EF-510-J7	208-230/60/1	2 1/4	CSR	High	18,000	7/8 ODF RL	3/8 ODF	78
AHA7514AXF	AH334RF-510-J7	208-230/60/3	2 1/4	3 PH	3 PH	18,000	7/8 ODF RL	3/8 ODF	71
<b>Low Temperature Rated @ -10°F</b>									
AE2410A-AA1A	AE1249E-679-J7	115/60/1	1/4	CSIR	High	1,000	5/16 ODF	1/4 ODF	22
AE2413A-AA1B	AE1255E-679-J7	115/60/1	1/3	CSIR	High	1,300	5/16 ODF	1/4 ODF	22
AE2413A-AA1B	AE1317E-219-J7	115/60/1	1/3	CSIR	High	1,300	3/8 SAE	1/4 ODF	22
AJA2416AXA	AJ312AT-141-J7	115/60/1	1/3	CSIR	High	1,525	3/8 SAE RL	5/16 ODF	48
AJA2425AXA^	AJ601AT-434-J7	115/60/1	1/2	CSIR	High	2,200	3/8 ODF	1/4 ODF	50
AJA2425AXA†	AJ601AT-336-J7	115/60/1	1/2	CSIR	High	2,200	1/2 SAE RL	5/16 ODF	50
AJA2425AXD ^	AJ601FT-434-J7	208-230/60/1	1/2	CSIR	High	2,200	3/8 ODF	1/4 ODF	51
AJA2425AXD	AJ601FT-336-J7	208-230/60/1	1/2	CSIR	High	2,200	1/2 SAE RL	5/16 ODF	51
AKA2425AXA^	AK176AT-037-J7	115/60/1	1/2	CSIR	High	3,400	3/8 ODF	1/4 ODF	70
AHA2435AXD	AH400EF-509-J7	208-230/60/1	3/4	CSIR	High	3,400	5/8 ODF RL	3/8 ODF	70
AHA2445AXD	AH410EF-509-J7	208-230/60/1	1	CSIR	High	4,400	5/8 ODF RL	3/8 ODF	73
AHA2445AXF	AH446RF-510-J7	208-230/60/3	1	3 PH	3 PH	4,400	7/8 ODF RL	3/8 ODF	67
AHA2466AXD	AH500EF-510-J7	208-230/60/1	1 1/2	CSR	High	6,600	7/8 ODF RL	3/8 ODF	80
AHA2466AXF	AH500RF-510-J7	208-230/60/3	1 1/2	3 PH	3 PH	6,600	7/8 ODF RL	3/8 ODF	73

<b>R22 Compressors</b>									
<b>High Temperature and A/C Rated @ 45°F †</b>									
RG A5460EXA	RG121AR-001-J7LN	115/60/1	1/2	PSC	Normal	6,000	3/8 ODF	5/16 ODF	25
AKA5470EXA	AK120AT-004-J7	115/60/1	1/2	PSC	Normal	7,000	3/8 ODF	1/4 ODF	37
RG A5480EXA	RG151AR-003-J7LN	115/60/1	3/4	PSC	Normal	8,100	3/8 ODF	5/16 ODF	27
AKA5483EXA	AK130AT-004-J7	115/60/1	3/4	PSC	Normal	8,300	3/8 ODF	1/4 ODF	36
AKA5483EXD	AK130ET-004-J7	208-230/60/1	3/4	PSC	Normal	8,300	3/8 ODF	1/4 ODF	37
RKA5490EXD	RK124ET-020-J7	208-230/60/1	3/4	PSC	Normal	9,100	1/2 ODF	5/16 ODF	28
RKA5490EXV	RK124JB-020-J7	265/60/1	3/4	PSC	Normal	9,100	1/2 ODF	5/16 ODF	28
RKA5490EXA	RK124AT-020-J7	115/60/1	3/4	PSC	Normal	9,200	1/2 ODF	5/16 ODF	28
AKA5510EXA	AK100AT-004-J7	115/60/1	1	PSC	Normal	10,000	3/8 ODF	1/4 ODF	38
AKA5510EXD	AK100ET-004-J7	208-230/60/1	1	PSC	Normal	10,000	3/8 ODF	1/4 ODF	38
AKA5510EXV	AK100JB-004-J7	265/60/1	1	PSC	Normal	10,000	3/8 ODF	1/4 ODF	37
RG A5510EXA	RG181AR-006-J7LN	115/60/1	1	PSC	Normal	10,300	1/2 ODF	5/16 ODF	27
AKA5511EXA	AK110AT-004-J7	115/60/1	1	PSC	Normal	11,000	3/8 ODF	1/4 ODF	38
RKA5512EXA	RK147AT-021-J7	115/60/1	1	PSC	Normal	11,700	1/2 ODF	5/16 ODF	33
RKA5512EXD	RK147ET-021-J7	208-230/60/1	1	PSC	Normal	11,700	1/2 ODF	5/16 ODF	30
RKA5512EXV	RK147JB-021-J7	265/60/1	1	PSC	Normal	11,750	1/2 ODF	5/16 ODF	30
AKA5512EXA	AK111AT-004-J7	115/60/1	1	PSC	Normal	12,000	3/8 ODF	1/4 ODF	38
AKA5512EXD	AK111ET-004-J7	208-230/60/1	1	PSC	Normal	12,000	3/8 ODF	1/4 ODF	37
AKA5512EXV	AK111JB-004-J7	265/60/1	1	PSC	Normal	12,000	3/8 ODF	1/4 ODF	39
AKA5512EXD	AK111ET-004-J7	208-230/60/1	1	PSC	Normal	12,000	3/8 ODF	1/4 ODF	37
AKA5512EXV	AK111JB-004-J7	265/60/1	1	PSC	Normal	12,000	3/8 ODF	1/4 ODF	39
RKB5513EXA	RK160AT-024-J7	115/60/1	1	PSC	Normal	13,000	3/8 ODF	5/16 ODF	30
RKB5513EXA	RK160AT-024-J7	115/60/1	1	PSC	Normal	13,000	3/8 ODF	5/16 ODF	30
RKA5513EXD	RK157ET-021-J7	208-230/60/1	1	PSC	Normal	13,200	1/2 ODF	5/16 ODF	28
AJB5515EXD	AJ600FT-205-J7	208-230/60/1	1 1/4	PSC	Normal	15,000	1/2 ODF	5/16 ODF	49
AJB5515EXV	AJ600JB-205-J7	265/60/1	1 1/4	PSC	Normal	15,000	1/2 ODF	5/16 ODF	48

^ Replacement compressor for Celseon AK/AJ air-cooled condensing unit platform.



Model Number	Item Number (Bill of Material)	Volt/Hz/Ph	HP	Motor Type*	Starting Torque	Rating (Btu/h)	Connection Size (in)		Wt (lbs)
							Suction	Discharge	
<b>R22 Compressors</b>									
<b>High Temperature and A/C Rated @ 45°F (continued)</b>									
AWG5515EXN	AW700ET-111-J7	208-230/60/1	1 1/4	PSC	Normal	15,200	7/8 ODF	3/8 ODF	63
AWG5515EXN	AW700ET-129-J7	208-230/60/1	1 1/4	PSC	Normal	15,200	5/8 ODF	3/8 ODF	63
AWG5515EXT	AW700RT-121-J7	200-230/60/3	1 1/4	3 PH	3 PH	15,500	7/8 ODF	3/8 ODF	61
RKA5515EXD	RK222ET-022-J7	208-230/60/1	1 1/4	PSC	Normal	15,500	5/8 ODF	5/16 ODF	30
RKA5515EXV	RK222JB-022-J7	265/60/1	1 1/4	PSC	Normal	15,500	5/8 ODF	5/16 ODF	30
RKC5515EXA	RK225AT-026-J7	115/60/1	1 1/4	PSC	Normal	15,500	1/2 ODF	3/8 ODF	28
AWF5516EXN	AW500ET-089-J7	208-230/60/1	1 1/2	PSC	Normal	16,300	3/4 ODF	3/8 ODF	64
AJA5517EXD	AJ210FT-206-J7	208-230/60/1	1 1/2	PSC	Normal	16,600	1/2 ODF	5/16 ODF	51
RKA5518EXD	RK233ET-022-J7	208-230/60/1	1 1/2	PSC	Normal	17,700	5/8 ODF	5/16 ODF	33
AJA5518EXV	AJ200JB-206-J7	265/60/1	1 1/2	PSC	Normal	18,500	1/2 ODF	5/16 ODF	53
AJA5519EXD	AJ220FT-206-J7	208-230/60/1	1 1/2	PSC	Normal	19,300	1/2 ODF	5/16 ODF	50
AWG5519EXN	AW702ET-093-J7	208-230/60/1	1 1/2	PSC	Normal	18,800	3/4 ODF	3/8 ODF	59
AWG5519EXN	AW702ET-163-J7	208-230/60/1	1 1/2	PSC	Normal	18,800	7/8 ODF	3/8 ODF	59
AWG4520EXN	AW703FT-111-J7	208-230/60/1	1 1/2	CSR	High	20,500	7/8 ODF	3/8 ODF	65
AWG4520EXG	AW703UT-124-J7	460/60/3	1 1/2	3 PH	3 PH	20,000	7/8 ODF	3/8 ODF	60
AWG5520EXT	AW703RT-120-J7	200-230/60/3	1 1/2	3 PH	3 PH	20,000	5/8 ODF	3/8 ODF	62
AWG5520EXT	AW703RT-121-J7	200-230/60/3	1 1/2	3 PH	3 PH	20,000	7/8 ODF	3/8 ODF	62
AWF5522EXN	AW504ET-089-J7	208-230/60/1	2	PSC	Normal	22,400	3/4 ODF	3/8 ODF	60
AWG4524EXN	AW705FT-099-J7	208-230/60/1	2	CSR	High	24,200	5/8 ODF	3/8 ODF	67
AWG4524EXG	AW705UT-124-J7	460/60/3	2	3 PH	3 PH	23,600	7/8 ODF	3/8 ODF	60
AWF5524EXG	AW505TT-090-J7	460/60/3	2	3 PH	3 PH	24,400	3/4 ODF	3/8 ODF	60
AWF5524EXT	AW505RT-098-J7	200-230/60/3	2	3 PH	3 PH	24,400	3/4 ODF	3/8 ODF	61
AWG5524EXT	AW705RT-120-J7	200-230/60/3	2	3 PH	3 PH	23,600	5/8 ODF	3/8 ODF	61
AWG5524EXN	AW705ET-093-J7	208-230/60/1	2	PSC	Normal	24,200	3/4 ODF	3/8 ODF	60
AWG5524EXN	AW705ET-099-J7	208-230/60/1	2	PSC	Normal	24,200	5/8 ODF	3/8 ODF	60
AWG5524EXN	AW705ET-103-J7	208-230/60/1	2	PSC	Normal	24,200	5/8 ODF	3/8 ODF	60
AWF5528EXN	AW507ET-089-J7	208-230/60/1	2 1/2	PSC	Normal	27,800	3/4 ODF	3/8 ODF	62
AWG5528EXN	AW706ET-093-J7	208-230/60/1	2 1/2	PSC	Normal	28,000	3/4 ODF	3/8 ODF	62
AWG5528EXN	AW706ET-103-J7	208-230/60/1	2 1/2	PSC	Normal	28,000	5/8 ODF	3/8 ODF	62
AWG4530EXN	AW707FT-099-J7	208-230/60/1	2 1/2	CSR	High	30,200	5/8 ODF	3/8 ODF	68
AWG5530EXN	AW707ET-103-J7	208-230/60/1	2 1/2	PSC	Normal	30,200	5/8 ODF	3/8 ODF	63
AWG5530EXN	AW707ET-093-J7	208-230/60/1	2 1/2	PSC	Normal	30,200	3/4 ODF	3/8 ODF	63
AWG5530EXN	AW707ET-099-J7	208-230/60/1	2 1/2	PSC	Normal	30,200	5/8 ODF	3/8 ODF	63
AWG5530EXT	AW707RT-120-J7	200-230/60/3	2 1/2	3 PH	3 PH	28,900	5/8 ODF	3/8 ODF	62
AWF5530EXG	AW508TT-090-J7	460/60/3	2 1/2	3 PH	3 PH	29,700	3/4 ODF	3/8 ODF	61
AWF5530EXT	AW508RT-098-J7	200-230/60/3	2 1/2	3 PH	3 PH	29,700	3/4 ODF	3/8 ODF	62
AWG5532EXN	AW708ET-093-J7	208-230/60/1	2 1/2	PSC	Normal	31,500	3/4 ODF	3/8 ODF	63
AWF5532EXT	AW509RT-098-J7	200-230/60/3	2 1/2	3 PH	3 PH	31,600	3/4 ODF	3/8 ODF	64
AVA5532EXN	AV113ET-026-J7	208-230/60/1	2 1/2	PSC	Normal	32,000	7/8 ODF	1/2 ODF	83
AVA5532EXT	AV114RT-027-J7	200-230/60/3	2 1/2	3 PH	3 PH	32,000	7/8 ODF	1/2 ODF	79
AVA5535EXN	AV122ET-029-J7	208-230/60/1	3	PSC	Normal	35,200	7/8 ODF	1/2 ODF	83
AVA5535EXT	AV123RT-027-J7	200-230/60/3	3	3 PH	3 PH	35,200	7/8 ODF	1/2 ODF	79
AVA5538EXT	AV134RT-035-J7	200-230/60/3	3	3 PH	3 PH	38,400	7/8 ODF	1/2 ODF	79
AVA5538EXG	AV134TT-036-J7	460/60/3	3	3 PH	3 PH	38,400	7/8 ODF	1/2 ODF	82
AVA5538EXN	AV133ET-030-J7	208-230/60/1	3	PSC	Normal	38,400	7/8 ODF	1/2 ODF	83
AVA4542EXN	AV144FT-001-J7	208-230/60/1	3 1/2	PSC	Normal	42,500	7/8 ODF	1/2 ODF	90
AVA5542EXN	AV144ET-001-J7	208-230/60/1	3 1/2	PSC	Normal	42,500	7/8 ODF	1/2 ODF	83
AVA5542EXT	AV145RT-001-J7	208-230/60/1	3 1/2	3PH	3 PH	42,500	7/8 ODF	1/2 ODF	79
AVA5542EXG	AV145TT-036-J7	460/60/3	3 1/2	3 PH	3 PH	42,500	7/8 ODF	1/2 ODF	87
AVA5542EXN	AV144ET-034-J7	208-230/60/1	3 1/2	PSC	Normal	42,500	7/8 ODF	1/2 ODF	84
AVA5542EXT	AV145RT-035-J7	200-230/60/3	3 1/2	3 PH	3 PH	42,500	7/8 ODF	1/2 ODF	83

Model Number	Item Number (Bill of Material)	Volt/Hz/Ph	HP	Motor Type*	Starting Torque	Rating (Btu/h)	Connection Size (in)		Wt (lbs)
							Suction	Discharge	
<b>R22 Compressors</b>									
<b>High Temperature and A/C Rated @ 45°F (continued)</b>									
AVA5546EXG	AV169TT-036-J7	460/60/3	4	3 PH	3 PH	46,500	7/8 ODF	1/2 ODF	83
AVA5546EXN	AV168ET-041-J7	208-230/60/1	4	PSC	Normal	46,500	7/8 ODF	1/2 ODF	87
AVA5546EXN	AV168ET-001-J7	208-230/60/1	4	PSC	Normal	46,500	7/8 ODF	1/2 ODF	87
AVA5546EXT	AV169RT-001-J7	200-230/60/3	4	3PH	3 PH	46,500	7/8 ODF	1/2 ODF	82
AVA5546EXT	AV169RT-035-J7	200-230/60/3	4	3 PH	3 PH	46,500	7/8 ODF	1/2 ODF	82
AVB5549EXG	AV178TT-043-J7	460/60/3	4	3 PH	3 PH	48,000	7/8 ODF	1/2 ODF	81
AVB5549EXT	AV178RT-041-J7	200-230/60/3	4	3 PH	3 PH	48,000	7/8 ODF	1/2 ODF	81
AVB5549EXN	AV178ET-041-J7	208-230/60/1	4	PSC	Normal	49,000	7/8 ODF	1/2 ODF	92
AGA5553EXN	AG122ET-016-J7	208-230/60/1	4 1/2	PSC	Normal	54,000	7/8 ODF RL	1/2 ODF	103
AGA5553EXN	AG122ET-003-J7	208-230/60/1	4 1/2	PSC	Normal	54,000	7/8 ODF	1/2 ODF	103
AGA5553EXT	AG122RT-016-J7	200-230/60/3	4 1/2	3PH	3 PH	54,000	7/8 ODF RL	1/2 ODF	97
AGA5553EXT	AG122RT-003-J7	200-230/60/3	4 1/2	3 PH	3 PH	54,000	7/8 ODF	1/2 ODF	97
AGC5553EXG	AG122UT-003-J7	460/60/3	4 1/2	3 PH	3 PH	54,000	7/8 ODF	1/2 ODF	98
AGA5553EXH	AG122VT-004-J7	575/60/3	4	3 PH	3 PH	52,000	7/8 ODF	1/2 ODF	98
AVB5558EXT	AV190RT-045-J7	200-230/60/3	4 3/4	3 PH	3 PH	57,000	7/8 ODF	1/2 ODF	89
AVB5558EXN	AV190ET-047-J7	208-230/60	4 3/4	PSC	Normal	57,500	7/8 ODF	1/2 ODF	88
AVD5558EXG	AV191TT-055-J7	460/60/3	4 3/4	3 PH	3 PH	57,600	7/8 ODF	1/2 ODF	88
AGA5561EXH	AG133VT-003-J7	575/60/3	5	3 PH	3 PH	61,000	7/8 ODF	1/2 ODF	99
AGA5561EXN	AG133ET-001-J7	208-230/60/1	5	PSC	Normal	61,000	7/8 ODF	1/2 ODF	107
AGA5561EXT	AG133RT-003-J7	200-230/60/3	5	3 PH	3 PH	61,000	7/8 ODF	1/2 ODF	107
AGC5561EXG	AG133UT-003-J7	460/60/3	5	3 PH	3 PH	61,000	7/8 ODF	1/2 ODF	99
AGB5568EXH	AG144XT-003-J7	575/60/3	5	3 PH	3 PH	67,500	7/8 ODF	1/2 ODF	102
AGA5568EXN	AG144ET-002-J7	208-230/60/1	5	PSC	Normal	68,000	7/8 ODF	1/2 ODF	112
AGA5568EXN	AG144ET-015-J7	208-230/60/1	5 1/2	PSC	Normal	68,000	7/8 ODF RL	1/2 ODF	112
AGA5568EXT	AG144RT-014-J7	200-230/60/3	5 1/2	3PH	3 PH	68,000	7/8 ODF RL	1/2 ODF	101
AGA5568EXT	AG144RT-001-J7	200-230/60/3	5 1/2	3 PH	3 PH	68,000	7/8 ODF	1/2 ODF	101
AGC5568EXG	AG144UT-001-J7	460/60/3	5 1/2	3 PH	3 PH	68,000	7/8 ODF	1/2 ODF	102
AGA5573EXG	AG188UT-001-J7	460/60/3	6	3 PH	3 PH	72,500	7/8 ODF	1/2 ODF	110
AGA5573EXT	AG188RT-001-J7	200-230/60/3	6	3 PH	3 PH	72,500	7/8 ODF	1/2 ODF	110
<b>Commercial Temperature Rated @ 20°F</b>									
AKA9428EXA <sup>^</sup>	AK164AT-037-J7	115/60/1	1/3	CSIR	High	2,800	3/8 ODF	1/4 ODF	40
AKA9428EXA	AK164AT-038-J7	115/60/1	1/3	CSIR	High	2,800	1/2 SAE	1/4 ODF	40
AKA9428EXD <sup>^</sup>	AK164ET-037-J7	208-230/60/1	1/3	CSIR	High	2,800	3/8 ODF	1/4 ODF	41
AKA9428EXD	AK164ET-038-J7	208-230/60/1	1/3	CSIR	High	2,800	1/2 SAE	1/4 ODF	41
AKA9442EXA <sup>^</sup>	AK165AT-037-J7	115/60/1	1/2	CSIR	High	4,200	3/8 ODF	1/4 ODF	40
AKA9442EXA	AK165AT-038-J7	115/60/1	1/2	CSIR	High	4,200	1/2 SAE	1/4 ODF	40
AKA9442EXD <sup>^</sup>	AK165ET-037-J7	208-230/60/1	1/2	CSR	High	4,200	3/8 ODF	1/4 ODF	43
AKA9442EXD	AK165ET-038-J7	208-230/60/1	1/2	CSR	High	4,200	1/2 SAE	1/4 ODF	43
AKA9455EXD <sup>^</sup>	AK167ET-037-J7	208-230/60/1	3/4	CSR	High	5,500	3/8 ODF	1/4 ODF	43
AKA9455EXD	AK167ET-038-J7	208-230/60/1	3/4	CSR	High	5,500	1/2 SAE	1/4 ODF	43
AKA9462EXD <sup>^</sup>	AK166ET-037-J7	208-230/60/1	3/4	CSR	High	6,200	3/8 ODF	1/4 ODF	43
AKA9462EXD	AK166ET-038-J7	208-230/60/1	3/4	CSR	High	6,200	1/2 SAE	1/4 ODF	43
AJA9484EXD <sup>^</sup>	AJ801ET-446-J7	208-230/60/1	1	CSR	High	8,400	1/2 SAE	5/8 ODF	54
AJA9484EXD	AJ801ET-418-J7	208-230/60/1	1	CSR	High	8,400	1/2 ODF	5/16 ODF	54
AJA9484EXD	AJ801ET-441-J7	208-230/60/1	1	CSR	High	8,400	5/8 SAE	5/16 ODF	54

<sup>^</sup> Replacement compressor for Celseon AK/AJ air-cooled condensing unit platform.



Model Number	Item Number (Bill of Material)	Volt/Hz/Ph	HP	Motor Type*	Starting Torque	Rating (Btu/h)	Connection Size (in)		Wt (lbs)
							Suction	Discharge	
<b>R22 Compressors</b>									
<b>High Temperature Rated @ 45°F</b>									
VSC5525ENA	VS200ET-100-J7	208-230/60/1	2	PSC	High	24,393	3/4 ODF	1/2 ODF	68
VSC5532ENA	VS201ET-100-J7	208-230/60/1	2 1/2	PSC	High	32,297	3/4 ODF	1/2 ODF	68
VSC5534ENA	VS202ET-100-J7	208-230/60/1	2 3/4	PSC	High	34,094	3/4 ODF	1/2 ODF	68
VSC5538ENA	VS203ET-100-J7	208-230/60/1	3	PSC	High	37,989	3/4 ODF	1/2 ODF	68
VSC5540ENA	VS204ET-100-J7	208-230/60/1	3 1/4	PSC	High	39,989	3/4 ODF	1/2 ODF	68
VSC5542ENA	VS205ET-100-J7	208-230/60/1	3 1/2	PSC	High	41,994	3/4 ODF	1/2 ODF	68
VSC5545ENA	VS206ET-101-J7	208-230/60/1	3 3/4	PSC	High	44,990	7/8 ID	1/2 ODF	71
VSC5547ENA	VS207ET-101-J7	208-230/60/1	4	PSC	High	47,498	7/8 ID	1/2 ODF	71
VSC5554ENA	VS208ET-102-J7	208-230/60/1	4 1/2	PSC	High	53,692	7/8 ID	1/2 ODF	82
VSC5560ENA	VS209ET-102-J7	208-230/60/1	5	PSC	High	59,743	7/8 ID	1/2 ODF	82

<b>R410A Compressors</b>									
<b>High Temperature Rated @ -10°F</b>									
VSC5529BNA	VS210ET-100-J7	208-230/60/1	2 1/2	PSC	High	28,993	3/4 ODF	1/2 ODF	68
VSC5532BNA	VS211ET-100-J7	208-230/60/1	2 1/2	PSC	High	32,002	3/4 ODF	1/2 ODF	68
VSC5534BNA	VS212ET-100-J7	208-230/60/1	2 3/4	PSC	High	34,501	3/4 ODF	1/2 ODF	68
VSC5536BNA	VS213ET-100-J7	208-230/60/1	3	PSC	High	35,404	3/4 ODF	1/2 ODF	68
VSC5538BNA	VS214ET-100-J7	208-230/60/1	3 1/4	PSC	High	37,901	3/4 ODF	1/2 ODF	71
VSC5540BNA	VS215ET-101-J7	208-230/60/1	3 1/2	PSC	High	41,503	7/8 ID	1/2 ODF	71
VSC5548BNA	VS216ET-101-J7	208-230/60/1	4	PSC	High	49,010	7/8 ID	1/2 ODF	71
VSC5550BNA	VS217ET-101-J7	208-230/60/1	4 1/4	PSC	High	51,002	7/8 ID	1/2 ODF	71
VSC5554BNA	VS218ET-102-J7	208-230/60/1	4 1/2	PSC	High	54,498	7/8 ID	1/2 ODF	82
VSC5556BNA	VS219ET-102-J7	208-230/60/1	4 3/4	PSC	High	56,898	7/8 ID	1/2 ODF	82

<b>R407C Compressors</b>									
<b>High Temperature Rated @ 45°F</b>									
AGA5549CXT	AG122ST-003-J7	200-230/60/3	4	3PH	3 PH	49,000	7/8 ODF	1/2 ODF	82
AVA5539CXT	AV145ST-012-J7	200-230/60/3	3	3PH	3 PH	39,000	7/8 ODF	1/2 ODF	82
AGA5562CXT	AG145RT-001-J7	200-230/60/3	5	3PH	3 PH	62,000	7/8 ODF	1/2 ODF	101
AGA5563CXG	AG145TT-001-J7	460/60/3	5	3PH	3 PH	63,000	7/8 ODF	1/2 ODF	101
AWG5518CXN	AW703GT-099-J7	208-230/60/1	1 1/2	PSC	Normal	18,000	7/8 ODF	3/8 ODF	60
AWG5518CXN	AW703GT-111-J7	208-230/60/1	1 1/2	PSC	Normal	18,000	7/8 ODF RL	3/8 ODF	60
AWG5526CXN	AW707GT-099-J7	208-230/60/1	2	PSC	Normal	26,000	1/16 ODF	3/8 ODF	60

<b>R134a Compressors</b>									
<b>High / Commercial Temperature Rated @ 45°F</b>									
AE3425Y-AA1A	AE1004E-212-J7	115/60/1	1/4	RSIR	Normal	2,800	5/16 ODF	1/4 ODF	24
AE3425Y-AA1A	AE1004E-212-J9	115/60/1	1/4	RSIR	Normal	2,800	5/16 ODF	1/4 ODF	22
AE3425Y-AA1A	AE1198E-215-J7	115/60/1	1/4	RSIR	Normal	2,800	3/8 SAE	1/4 ODF	22
AE3425Y-AA1A	AE1198E-215-J9	115/60/1	1/4	RSIR	Normal	2,800	3/8 SAE	1/4 ODF	22
AE3430Y-AA1A	AE1153E-212-J7	115/60/1	1/4	RSIR	Normal	3,400	5/16 ODF	1/4 ODF	24
AE3430Y-AA1A	AE1153E-212-J9	115/60/1	1/4	RSIR	Normal	3,400	5/16 ODF	1/4 ODF	24
AE4430Y-AA1A	AE1023E-212-J7	115/60/1	1/4	CSIR	High	3,400	5/16 ODF	1/4 ODF	22
AE4430Y-AA1A	AE1023E-212-J9	115/60/1	1/4	CSIR	High	3,400	5/16 ODF	1/4 ODF	22
AE4430Y-AA1A	AE1199E-215-J7	115/60/1	1/4	CSIR	High	3,400	3/8 SAE	1/4 ODF	22
AE4430Y-AA1A	AE1199E-215-J9	115/60/1	1/4	CSIR	High	3,400	3/8 SAE	1/4 ODF	22
AE3440Y-AA1A	AE1155E-212-J7	115/60/1	1/3	RSIR	Normal	4,350	5/16 ODF	1/4 ODF	26
AE3440Y-AA1A	AE1155E-212-J9	115/60/1	1/3	RSIR	Normal	4,350	5/16 ODF	1/4 ODF	22

^ Replacement compressor for Celseon AK/AJ air-cooled condensing unit platform.

Model Number	Item Number (Bill of Material)	Volt/Hz/Ph	HP	Motor Type*	Starting Torque	Rating (Btu/h)	Connection Size (in)		Wt (lbs)
							Suction	Discharge	
<b>R134a Compressors</b>									
<b>High / Commercial Temperature Rated @ 45°F (continued)</b>									
AE4440Y-AA1A	AE1022E-212-J7	115/60/1	1/3	CSIR	High	4,350	5/16 ODF	1/4 ODF	22
AE4440Y-AA1A	AE1022E-212-J9	115/60/1	1/3	CSIR	High	4,350	5/16 ODF	1/4 ODF	22
AE4440Y-AA1A	AE1200E-215-J7	115/60/1	1/3	CSIR	High	4,350	3/8 SAE	1/4 ODF	22
AE4440Y-AA1A	AE1200E-215-J9	115/60/1	1/3	CSIR	High	4,350	3/8 SAE	1/4 ODF	22
AE4440Y-XN1A	AE1204E-209-J7	208-230/60/1	1/3	CSIR	High	4,350	5/16 ODF	1/4 ODF	26
AE4450Y-AA1A	AE1154E-209-J7	115/60/1	1/2	CSIR	High	5,450	5/16 ODF	1/4 ODF	26
AKA4460YXA ^	AK168AT-037-J7	115/60/1	1/2	CSIR	High	6,300	3/8 ODF	1/4 ODF	41
AKA4460YXA	AK168AT-032-J7	115/60/1	1/2	CSIR	High	6,300	3/8 ODF	1/4 ODF	41
AKA4460YXA	AK168AT-032-J9	115/60/1	1/2	CSIR	High	6,300	3/8 ODF	1/4 ODF	41
AKA4460YXA	AK168AT-038-J7	115/60/1	1/2	CSIR	High	6,300	1/2 SAE RL	1/4 ODF	41
AKA4460YXD^	AK168ET-037-J7	208-230/60/1	1/2	CSIR	High	6,300	3/8 ODF	1/4 ODF	41
AKA4460YXD	AK168ET-038-J7	208-230/60/1	1/2	CSIR	High	6,300	1/2 SAE RL	1/4 ODF	41
AKA4476YXA^	AK169AT-037-J7	115/60/1	1/2 +	CSIR	High	7,680	3/8 ODF	1/4 ODF	48
AKA4476YXA	AK169AT-038-J7	115/60/1	1/2 +	CSIR	High	7,680	1/2 SAE RL	1/4 ODF	48
AKA4476YXD^	AK169ET-037-J7	208-230/60/1	1/2+	CSIR	High	7,680	3/8 ODF	1/4 ODF	42
AKA4476YXD	AK169ET-038-J7	208-230/60/1	1/2+	CSIR	High	7,680	1/2 SAE RL	1/4 ODF	42
AJA4492YXA^	AJ150AT-434-J7	115/60/1	3/4	CSIR	High	9,000	3/8 ODF	1/4 ODF	49
AJA4492YXA†	AJ150AT-193-J7	115/60/1	3/4	CSIR	High	9,000	5/8 SAE RL	5/16 ODF	49
AJA4492YXD^	AJ150GT-434-J7	208-230/60/1	3/4	CSIR	High	9,000	3/8 ODF	1/4 ODF	50
AJA4492YXD	AJ150GT-193-J7	208-230/60/1	3/4	CSIR	High	9,000	5/8 SAE RL	5/16 ODF	50
AJA4512YXD	AJ137ET-193-J7	208-230/60/1	1	CSR	High	12,100	5/8 SAE RL	5/16 ODF	50
<b>Commercial / Medium Temperature Rated @ 20°F</b>									
AZA0370YXA	AZ430CR-235-J7JP	115/60/1	1/12	RSIR	Normal	700	5/16 ODF	3/16 ODF	18
AZA0395YXA	AZ440CR-236-J7JP	115/60/1	1/8	CSIR	High	950	5/16 ODF	3/16 ODF	19
TPA9421YXA	TP119AR-021-J7LO	115/60/1	1/4	CSIR	High	2,100	5/16 ODF	1/4 ODF	25
TPA9423YXA	TP117BR-021-J7LO	115/60/1	1/4	CSIR	High	2,300	5/16 ODF	1/4 ODF	25
AJA7461YXA^	AJ205AT-435-J7	115/60/1	3/4	CSR	High	6,110	3/8 ODF	3/8 ODF	54
AJA7461YXA	AJ250AT-188-J7	115/60/1	3/4	CSR	High	6,110	5/8 SAE RL	5/16 ODF	54
AJA7461YXD^	AJ205GT-435-J7	208-230/60/1	3/4	CSIR	High	6,110	3/8 ODF	3/8 ODF	54
AJA7461YXD	AJ250GT-188-J7	208-230/60/1	3/4	CSIR	High	6,110	5/8 SAE RL	5/16 ODF	54
<b>Low Temperature Rated @ -10°F</b>									
TPA1370YXA	TP100AR-003-J7LO	115/60/1	1/5	PTCSCR	Normal	720	3/16 ODF	1/4 ODF	25
TPG1370YXA	TP141AR-229-J7JQ	115/60/1	1/5	PTCSCR	Normal	730	5/16 ODF	1/4 ODF	25
TPA1380YXA	TP104AR-003-J7JQ	115/60/1	1/5	PTCSCR	Normal	870	5/16 ODF	1/4 ODF	25
TPA1390YXA	TP101AR-003-J7LO	115/60/1	1/5	PTCSCR	Normal	970	5/16 ODF	1/4 ODF	28
TPG1390YXA	TP143AR-229-J7JQ	115/60/1	1/5	PTCSCR	Normal	970	5/16 ODF	1/4 ODF	28
AE2410Y-AA1A	AE1156E-679-J7	115/60/1	1/4	CSIR	High	950	5/16 ODF	1/4 ODF	22
TPA1410YXA	TP102AR-003-J7LO	115/60/1	1/4	PTCS CR	Normal	1,100	5/16 ODF	1/4 ODF	28
TPA1413YXA	TP103AR-003-J7LO	115/60/1	1/3	PTCS_CR	Normal	1,230	0.3125 IN	0.25 IN	30
AE2413Y-AA1B	AE1240E-679-J7	115/60/1	1/3	CSIR	High	1,300	5/16 ODF	1/4 ODF	22
AJA2419YXA^	AJ135AT-434-J7	115/60/1	1/2	CSR	High	1,860	3/8 ODF	1/4 ODF	53
AJA2419YXA	AJ135AT-336-J7	115/60/1	1/2	CSR	High	1,860	1/2 SAE RL	5/16 ODF	53
AJA2419YXA	AJ135AT-336-J7	115/60/1	1/2	CSR	High	1,860	1/2 SAE RL	5/16 ODF	53

## R404A Compressors

### High / Commercial Temperature Rated @ 20°F

AE4425Z-AA1A	AE1166E-212-J7	115/60/1	1/4	CSIR	High	2,800	5/16 ODF	1/4 ODF	24
AE4430Z-AA1A	AE1167E-212-J7	115/60/1	1/4	CSIR	High	3,450	5/16 ODF	1/4 ODF	22
AE4440Z-AA1A	AE1168E-209-J7	115/60/1	1/3	CSIR	High	4,350	5/16 ODF	1/4 ODF	25

^ Replacement compressor for Celseon AK/AJ air-cooled condensing unit platform.





Model Number	Item Number (Bill of Material)	Volt/Hz/Ph	HP	Motor Type*	Starting Torque	Rating (Btu/h)	Connection Size (in)		Wt (lbs)
							Suction	Discharge	
<b>R404A / R507 Compressors</b>									
<b>Commercial Temperature Rated @ 20°F</b>									
AGA5563CXG	AG145TT-001-J7	460/60/3	5	3PH	3 PH	63,000	7/8 ODF	1/2 ODF	101
AWG5518CXN	AW703GT-099-J7	208-230/60/1	1 1/2	PSC	Normal	18,000	7/8 ODF	3/8 ODF	60
AWG5518CXN	AW703GT-111-J7	208-230/60/1	1 1/2	PSC	Normal	18,000	7/8 ODF RL	3/8 ODF	60
AWG5526CXN	AW707GT-099-J7	208-230/60/1	2	PSC	Normal	26,000	1/16 ODF	3/8 ODF	60
AKA9427ZXA^	AK174AT-037-J7	115/60/1	1/4	CSIR	High	2,700	3/8 ODF	1/4 ODF	40
AKA9427ZXA	AK174AT-038-J7	115/60/1	1/4	CSIR	High	2,700	1/2 SAE RL	1/4 ODF	40
AKA9427ZXD^	AK174ET-037-J7	208-230/60/1	1/4	CSIR	High	2,700	3/8 ODF	1/4 ODF	40
AKA9427ZXD	AK174ET-038-J7	208-230/60/1	1/4	CSIR	High	2,700	1/2 SAE RL	1/4 ODF	40
AKA9442ZXA^	AK175AT-037-J7	115/60/1	1/2	CSIR	High	3,750	3/8 ODF	1/4 ODF	55
AKA9442ZXD^	AK175ET-037-J7	208-230/60/1	1/2	CSR	High	3,750	3/8 ODF	1/4 ODF	55
AKA9438ZXA	AK175AT-038-J7	115/60/1	1/2	CSIR	High	3,750	1/2 SAE RL	1/4 ODF	55
AKA9438ZXD	AK175ET-038-J7	208-230/60/1	1/2	CSR	High	3,750	1/2 SAE RL	1/4 ODF	45
AKA9451ZXA	AK170AT-038-J7	115/60/1	1/2	CSR	High	5,150	1/2 SAE RL	1/4 ODF	41
AKA9455ZXA	AK171AT-038-J7	115/60/1	3/4	CSR	High	5,450	1/2 SAE RL	1/4 ODF	41
AKA9455ZXD^	AK171ET-037-J7	208-230/60/1	3/4	CSR	High	5,450	3/8 ODF	1/4 ODF	43
AKA9455ZXD	AK171ET-038-J7	208-230/60/1	3/4	CSR	High	5,450	1/2 SAE RL	1/4 ODF	43
AKA9457ZXA^	AK170AT-037-J7	115/60/1	3/4	CSR	High	5,700	3/8 ODF	1/4 ODF	43
AKA9462ZXA^	AK172AT-037-J7	115/60/1	3/4	CSR	High	6,250	3/8 ODF	1/4 ODF	43
AKA9462ZXA	AK172AT-038-J7	115/60/1	3/4	CSR	High	6,250	1/2 SAE RL	1/4 ODF	43
AKA9462ZXD^	AK172ET-037-J7	208-230/60/1	3/4	CSR	High	6,250	3/8 ODF	1/4 ODF	41
AKA9462ZXD	AK172ET-038-J7	208-230/60/1	3/4	CSR	High	6,250	1/2 SAE RL	1/4 ODF	41
AWA9490ZXT	AW616RT-120-J7	200-230/60/3	1	3 PH	3 PH	9,000	5/8 ODF	3/8 ODF	70
AWA9490ZNX	AW616ET-111-J7	208-230/60/1	1	CSR	High	9,300	7/8 ODF RL	3/8 ODF	70
AWA9490ZXT	AW616RT-121-J7	200-230/60/3	1	3PH	3 PH	9,000	7/8 ODF RL	3/8 ODF	67
AWA9490ZNX	AW616ET-163-J7	208-230/60/1	1	CSR	High	9,300	7/8 ODF RL	3/8 ODF	70
AWA9512ZXT	AW611ST-120-J7	200-230/60/3	1 1/2	3 PH	3 PH	11,300	5/8 ODF	3/8 ODF	70
AWA9512ZXT	AW611ST-163-J7	200-230/60/3	1 1/2	3 PH	3 PH	11,300	7/8 ODF RL	3/8 ODF	70
AWA9512ZNX	AW611FT-099-J7	208-230/60/1	1 1/2	CSR	High	11,600	5/8 ODF	3/8 ODF	70
AWA9514ZXT	AW617RT-120-J7	200-230/60/3	1 3/4	3 PH	3 PH	14,300	5/8 ODF	3/8 ODF	70
AWA9514ZNX	AW617ET-099-J7	208-230/60/1	1 3/4	CSR	High	14,500	5/8 ODF	3/8 ODF	70
AVA9519ZNX	AV200ET-003-J7	208-230/60/1	2	CSR	High	19,000	7/8 ODF	1/2 ODF	84
AVA9519ZXT	AV201RT-012-J7	200-230/60/3	2	3PH	3 PH	19,400	7/8 ODF	1/2 ODF	82
AVA9519ZYG	AV201TT-013-J7	460/60/3	2	3 PH	3 PH	18,800	7/8 ODF	1/2 ODF	84
AVA9522ZXT	AV203RT-001-J7	200-230/60/3	3	3PH	3 PH	21,600	7/8 ODF	1/2 ODF	84
AVA9522ZNX	AV203ET-001-J7	208-230/60/1	2	CSR	High	22,000	7/8 ODF	1/2 ODF	84
AVA9528ZNX	AV204ET-066-J7	208-230/60/1	3	CSR	High	28,100	3/4 ODF	1/2 ODF	84
AVA9528ZXT	AV204RT-001-J7	200-230/60/3	3	3 PH	3 PH	28,300	7/8 ODF	1/2 ODF	84
AGA9530ZNX	AG133FT-001-J7	208-230/60/1	4	CSR	High	29,000	7/8 ODF	1/2 ODF	105
AGA9530ZXT	AG133ST-003-J7	200-230/60/3	4	3PH	3 PH	29,500	7/8 ODF	1/2 ODF	105
AGA9534ZNX	AG144FT-002-J7	208-230/60/1	4	CSR	High	33,500	7/8 ODF	1/2 ODF	105
AGA9534ZXT	AG144ST-001-J7	200-230/60/3	4	3PH	3 PH	33,000	7/8 ODF	1/2 ODF	108
<b>Medium Temperature Rated @ 20°F</b>									
AJA7480ZXD^	AJ202ET-435-J7	208-230/60/1	1	CSR	High	8,000	3/8 ODF	3/8 ODF	54
AJA7494ZXD	AJ202ET-188-J7	208-230/60/1	1	CSR	High	9,350	5/8 SAE RL	5/16 ODF	54
AJA7494ZXD	AJ202ET-206-J7	208-230/60/1	1	CSR	High	9,350	1/2 ODF	5/16 ODF	55
AWA7512ZXT	AW611RT-121-J7	200-230/60/3	1 1/2	3 PH	3 PH	11,500	7/8 ODF RL	3/8 ODF	72
AWA7512ZXD	AW611ET-111-J7	208-230/60/1	1 1/2	CSR	High	11,600	7/8 ODF RL	3/8 ODF	76
AWA7515ZXT	AW612RT-121-J7	200-230/60/3	2	3 PH	3 PH	15,200	7/8 ODF RL	3/8 ODF	80
AWA7515ZXD	AW612ET-111-J7	208-230/60/1	2	CSR	High	15,400	7/8 ODF RL	3/8 ODF	80
AVA7524ZNX	AV179ET-001-J7	208-230/60/1	3	CSR	High	23,550	7/8 ODF	1/2 ODF	96
AVA7524ZXT	AV179RT-012-J7	200-230/60/3	3	3 PH	3 PH	23,800	7/8 ODF	1/2 ODF	84

^ Replacement compressor for Celsion AK/AJ air-cooled condensing unit platform.

Model Number	Item Number (Bill of Material)	Volt/Hz/Ph	HP	Motor Type*	Starting Torque	Rating (Btu/h)	Connection Size (in)		Wt (lbs)
							Suction	Discharge	
<b>R404A / R507 Compressors</b>									
<b>Low Temperature Rated @ -10°F</b>									
AE2410Z-AA1A	AE1126E-106-J7	115/60/1	1/4	CSIR	High	1,050	5/16 ODF	1/4 ODF	22
AE2415Z-AA1A	AE1157E-679-J7	115/60/1	1/3	CSIR	High	1,600	5/16 ODF	1/4 ODF	22
AJA2419ZXD	AJ303ET-336-J7	208-230/60/1	1/2	CSR	High	1,845	1/2 SAE RL	5/16 ODF	53
AJA2419ZX <sup>^</sup>	AJ303AT-434-J7	115/60/1	1/2	CSR	High	1,865	3/8 ODF	1/4 ODF	54
AJA2419ZXA	AJ303AT-336-J7	115/60/1	1/2	CSR	High	1,865	1/2 SAE RL	5/16 ODF	54
CAE2420Z	2B82510141	115/60/1	1/2	CSIR	High	2,099	3/8 ODF	0.250 IN	30
AJA2425ZXA	AJ532AT-336-J7	115/60/1	1/2	CSR	High	2,450	1/2 SAE RL	5/16 ODF	55
AJA2425ZXD	AJ532ET-336-J7	208-230/60/1	1/2	CSR	High	2,450	1/2 SAE RL	5/16 ODF	50
AJB2433ZX <sup>^</sup>	AJ604AF-442-J7	115/60/1	1	CSR	High	3,410	3/8 ODF	5/16 ODF	56
AJB2433ZXA	AJ604AF-436-J7	115/60/1	1	CSR	High	3,410	3/8 ODF	5/16 ODF	56
AJB2433ZXD	AJ604EF-436-J7	208-230/60/1	1	CSR	High	3,330	3/8 ODF	5/16 ODF	52
AWA2440ZXT	AW610RT-121-J7	200-230/60/3	1	3 PH	3 PH	3,600	7/8 ODF RL	3/8 ODF	71
AWA2440ZXD	AW610ET-111-J7	208-230/60/1	1	CSR	High	3,775	5/8 ODF RL	3/8 ODF	71
AJB2444ZXD <sup>^</sup>	AJ605EF-442-J7	208-230/60/1	1	CSR	High	4,440	3/8 ODF	5/16 ODF	68
AJB2444ZXD	AJ605EF-436-J7	208-230/60/1	1	CSR	High	4,440	3/8 ODF	5/16 ODF	68
AWA2450ZXD	AW615ET-111-J7	208-230/60/1	1 1/4	CSR	High	4,600	7/8 ODF RL	3/8 ODF	80
AWA2450ZXT	AW615RT-121-J7	200-230/60/3	1 1/4	3PH	3 PH	4,800	7/8 ODF RL	3/8 ODF	62
AWA2460ZXT	AW613RT-120-J7	200-230/60/3	1 1/2	3 PH	3 PH	6,000	5/8 ODF	3/8 ODF	72
AWA2460ZXT	AW613RT-121-J7	200-230/60/3	1 1/2	3 PH	3 PH	6,000	7/8 ODF RL	3/8 ODF	72
AWA2460ZXT	AW613RT-163-J7	200-230/60/3	1 1/2	3 PH	3 PH	6,000	7/8 ODF RL	3/8 ODF	67
AWA2460ZXD	AW613ET-099-J7	208-230/60/1	1 1/2	CSR	High	6,300	5/8 ODF	3/8 ODF	83
AWA2460ZXD	AW613ET-111-J7	208-230/60/1	1 1/2	CSR	High	6,300	7/8 ODF RL	3/8 ODF	72
AWA2460ZXD	AW613ET-163-J7	208-230/60/1	1 1/2	CSR	High	6,300	7/8 ODF RL	3/8 ODF	72
AHA2490ZXF	AH556RF-508-A4	208-230/60/3	2	3PH	3 PH	9,100	1/16 ODF	1/2 ODF	78
AVA2490Z <sup>XN</sup>	AV195ET-001-J7	208-230/60/1	2	CSR	High	9,100	7/8 ODF	1/2 ODF	79
AVA2490ZXT	AV182RT-012-J7	200-230/60/3	2	3 PH	3 PH	9,100	7/8 ODF	1/2 ODF	79
AVA2490ZXT	AV195RT-037-J7	200-230/60/3	2	3 PH	3 PH	9,100	7/8 ODF	1/2 ODF	79
AVA2490Z <sup>XN</sup>	AV182ET-001-J7	208-230/60/1	2	CSR	High	9,500	7/8 ODF	1/2 ODF	95
AVA2490Z <sup>XN</sup>	AV195ET-037-J7	208-230/60/1	2	CSR	High	9,500	7/8 ODF	1/2 ODF	95
AVA2512ZXT	AV180RT-012-J7	200-230/60/3	3	3 PH	3 PH	12,000	7/8 ODF	1/2 ODF	75
AVA2512ZXG	AV180TT-013-J7	460/60/3	3	3 PH	3 PH	12,500	7/8 ODF	1/2 ODF	84
AVA2512Z <sup>XN</sup>	AV180ET-001-J7	208-230/60/1	3	CSR	High	12,500	7/8 ODF	1/2 ODF	84

\* RSIR motors include a current relay. Consult the Electrical Service Parts (ESP) Guidebook if a start cap is available for this motor.

CSIR motors include both a current relay and start cap.

CSR motors include a potential relay, a start cap, and a run cap.

PSC motors require a run cap. R22 A/C reciprocating compressors having a PSC motor do not include a run cap. All other compressors having a PSC motor will include a run cap.

Consult the ESP Guidebook if a start cap and potential relay is available for this motor.

Note: Compressors listed as high torque having a PSC motor will include the appropriate start cap, run cap and relay.

<sup>^</sup> Replacement compressor for Celseon AK/AJ air-cooled condensing unit platform.

<sup>†</sup> These compressors with CSIR motors use a potential relay instead of current relay.

<sup>◊</sup> Note: AE, AK, and AJ compressor models are not approved for heat pump applications.

Legacy AE to AE<sup>2</sup> Compressor Models

 Legacy **AE** Transition

Legacy AE and TP Compressor Models				Replaced by the following AE <sup>2</sup> Compressor Models		
Model	Current Item Number / BOM	Previous Item Number / BOM	Conn discharge x suction (ODF)	AE <sup>2</sup> Model	AE <sup>2</sup> Item Number / BOM	Conn discharge x suction (ODF)
AEA1410AXA	AE232AT-721-J7		1/4" x 5/16"	AE2410A-AA1A	AE1249E-679-J7	1/4" x 5/16"
AEA2410AXA	AE235AT-670-J7		1/4" x 3/8" SAE	AE2410A-AA1A	AE1249E-679-J7	1/4" x 5/16"
AEA2410YXA	AE600AT-944-J7	AE600AR-944-J7JM	1/4" x 1/4"	AE2410Y-AA1A	AE1156E-679-J7	1/4" x 5/16"
AEA2380ZXA	AE560AT-916-J7	AE560AR-916-J7JM	1/4" x 5/16"	AE2410Z-AA1A	AE1126E-106-J7	1/4" x 5/16"
AEA2411ZXA	AE820AT-900-J7	AE820AR-908-J7JM	1/4" x 5/16"	AE2415Z-AA1A	AE1157E-679-J7	1/4" x 5/16"
AEA2413AXA	AE255AT-671-J7		1/4" x 5/16"	AE2413A-AA1B	AE1317E-219-J7	1/4" x 3/8" SAE
				AE2413A-AA1B	AE1255E-679-J7	1/4" x 5/16"
AEA2413YXA	AE700AT-939-J7		5/16" x 3/8"	AE2413Y-AA1B	AE1240E-679-J7	1/4" x 5/16"
AEA3425AXA	AE170AL-726-J7		1/4" x 5/16"	AE3425A-AA1A	AE1253E-212-J7	1/4" x 5/16"
AEA3425YXA	AE530AT-726-J7,	AE530AR-718-J7	1/4" x 5/16"	AE3425Y-AA1A	AE1004E-212-J7	1/4" x 5/16"
	AE530AT-165-J7	AE530AR-718-J7JO,				
		AE530AR-165-J7JM				
AEA3425YXA		AE530AR-718-J9	1/4" x 5/16"	AE3425Y-AA1A	AE1004E-212-J9	1/4" x 5/16"
AEA3425YXA				AE3425Y-AA1A	AE1198E-215-J7	1/4" x 3/8" SAE
AEA3425YXA				AE3425Y-AA1A	AE1198E-215-J9	1/4" x 3/8" SAE
AEA3430AXA	AE151AL-280-J7		1/4" x 5/16"	AE4430A-AA1A	AE1251E-212-J7	1/4" x 5/16"
AEA3430YXA	AE510AT-280-J7	AE510AR-277-J7JM	1/4" x 5/16"	AE3430Y-AA1A	AE1153E-212-J7	1/4" x 5/16"
AEA3430YXA	AE510AR-277-J9JN		1/4" x 5/16"	AE3430Y-AA1A	AE1153E-212-J9	1/4" x 5/16"
AEA3440AXA	AE231AL-725-J7		1/4" x 5/16"	AE4440A-AA1A	AE1250E-212-J7	1/4" x 5/16"
AEA3440YXA	AE635AT-725-J7	AE635AR-717-J7JM	1/4" x 5/16"	AE3440Y-AA1A	AE1155E-212-J7	1/4" x 5/16"
				AE3440Y-AA1A	AE1155E-212-J9	1/4" x 5/16"
AEA4430AXA				AE4430A-AA1A	AE1251E-212-J7	1/4" x 5/16"
AEA4430AXA	AE155AL-238-J7, J9		1/4" x 3/8" SAE	AE4430A-AA1A	AE1254E-215-J7	1/4" x 3/8" SAE
AEA4430YXA	AE540AR-277-J7		1/4" x 5/16"	AE4430Y-AA1A	AE1023E-212-J7	1/4" x 5/16"
AEA4430YXA	AE540AR-277-J9JN		1/4" x 5/16"	AE4430Y-AA1A	AE1023E-212-J9	1/4" x 5/16"
AEA4430YXA	AE540AT-238-J7	AE540AR-238-J7,	1/4" x 3/8" SAE	AE4430Y-AA1A	AE1199E-215-J7	1/4" x 3/8" SAE
		AE540AR-238-J7JM				
AEA4430YXA	AE540AR-238-J9NE		1/4" x 3/8" SAE	AE4430Y-AA1A	AE1199E-215-J9	1/4" x 3/8" SAE
AEA4440AXA	AE234AL-668-J7, J9		1/4" x 3/8" SAE	AE4440A-AA1A	AE1252E-215-J7	1/4" x 3/8" SAE
AEA4440AXA	AE234AL-725-J7, J9		1/4" x 5/16"	AE4440A-AA1A	AE1250E-212-J7	1/4" x 5/16"
AEA4440YXA	AE630AT-725-J7	AE630AR-717-J7JM	1/4" x 5/16"	AE4440Y-AA1A	AE1022E-212-J7	1/4" x 5/16"
AEA4440YXA	AE630AT-725-J9	AE630AR-717-J9JN	1/4" x 5/16"	AE4440Y-AA1A	AE1022E-212-J9	1/4" x 5/16"
AEA4440YXA	AE630AT-668-J7	AE630AR-668-J7,	1/4" x 3/8" SAE	AE4440Y-AA1A	AE1200E-215-J7	1/4" x 3/8" SAE
		AE630AR-668-J7JM				
AEA4440YXA				AE4440Y-AA1A	AE1200E-215-J9	1/4" x 3/8" SAE
AEA4440YXD	AE630ET-725-J7		1/4" x 5/16"	AE4440Y-XN1A	AE1204E-209-J7	1/4" x 5/16"
AEA4448YXA	AE660AT-724-J7	AE660AR-716-J7JM	1/4" x 5/16"	AE4450Y-AA1A	AE1154E-209-J7	1/4" x 5/16"
AEA9415ZXA	AE570AT-907-J7		5/16" x 5/16"	AE4430Z-AA1A	AE1167E-212-J7	1/4" x 5/16"
AEA9422ZXA	AE590AT-900-J7		1/4" x 5/16"	AE4440Z-AA1A	AE1168E-209-J7	1/4" x 5/16"



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