

Walk in Box Condensing Units & Unit Coolers



Tecumseh

Commercial, Medium & Low Temperature
Cooler/Freezer Applications

COMPRESSOR MODEL NOMENCLATURE

(AE² models only)

AE

4

440

Y

.

AA

1A

All models
except AE²)

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 ² models only)
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Examples:
AE² model number:
AE4440Y-AA1A

Model number
except AE²:
AEA4440YXA

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

A = 1st
B = 2nd
C = 3rd
etc...

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
4. High/Comm (AE ² only)	+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
A = R12
B = R410A
C = R407C
E = R22
J = R502
U = R290
Y = R134a
Z = 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
AA = 115/60/1
AB = 115/60/1; 90/50/1
FZ = 220-240/50/1
NA = 208-230/60/1
TB = 200-230/60/3
VA = 265/60/1; 220-240/50/1
XA = 115/60/1; 100/50/1
XB = 230/60/1; 200/50/1
XC = 220-240/50/1
XD = 208-230/60/1; 200/50/1
XF = 208-230/60/3; 200-240/50/3
XG = 460/60/3; 380-420/50/3
XH = 575/60/3; 480-520/50/3
XN = 208-230/60/1; 200-220/50/1
XP = 220/60/1; 200/50/1
XT = 200-230/60/3; 200-220/50/3
XU = 100/60/1; 100/50/1
XV = 265/60/1

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

Condensing Unit Replacement Guides

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 component replacement.

AE 4440Y-XA 1A SK
AEA4440Y XA SK

AE² Models Only

Condensing Unit Model Number Codes

Options

Release Variant - AE² Models Only

Voltage

Condensing Unit Features, see chart below

		Fan Cooled	Water Cooled	Air Water Cooled	Receiver Tank	BX Cable	Interconnect Compressor	See Item No./ BOM	Accumulator
Celsoon® Air Cooled Condensing Units									
CK	Std. Unit W/EC Fan Motor, Sweat Conns, Power Cord	•							
CB	Std. Unit W/EC Fan Motor, Sweat Conns, Power Cord & Receiver Tank	•			•				
CC	Std. Unit W/EC Fan Motor, Sweat Conns, Power Cord, Receiver Tank & Service Valves	•			•				
CS	Std. Unit W/EC Fan Motor, Sweat Conns, Power Cord & Service Valves	•							
SK	Std. Unit W/SP Fan Motor, Sweat Conns, Power Cord								
SB	Std. Unit W/SP Fan Motor, Sweat Conns, Power Cord & Receiver Tank	•			•				
SC	Std. Unit W/SP Fan Motor, Sweat Conns, Power Cord, Receiver Tank & Service Valves	•			•				
SS	Std. Unit W/SP Fan Motor, Sweat Conns, Power Cord & Service Valves	•			•				
Air Cooled									
A	Standard Unit	•							
B	Std. Unit W/Receiver Tank	•			•				
C	Std. Unit W/Receiver Tank & BX Cable	•			•	•			
D	Std. Unit W/BX Cable	•				•			
E,F,K	Physical Design Variant (Conduit)	•				•		•	
G,H,J,L,P	Physical Design Variant (Standard)	•						•	
M	Advanced Commercial Design	•			•	•			•
N	Advanced Commercial Design	•				•			•
W	Water Cooled Unit		•		•	•			
Celsoon® AK/AJ Air Cooled									
DC	Sweat Conns, Receiver Tank, Service Valves and Power cord	•			•				
DG	Sweat Conns, Receiver Tank and Service Valves	•			•				
DS	Sweat Conns, Service Valves	•							
Evaporative Condensate Plastic Base									
EC	Large Evaporative Condensate Units Black Plastic Base	•			•	•			
ED	Large Evaporative Condensate Units Black Plastic Base	•				•			
EE	Large Evaporative Condensate Units Black Plastic Base	•				•		•	
GC	Small - Fan Guard, Power Cord, Receiver Tank, Service Valves	•			•				
GB	Small - Fan Guard, Power Cord, Receiver Tank	•			•				
GK	Small - Fan Guard, Power Cord	•							
GL	Small - Fan Guard	•							
Outdoor Condensing									
HS	Small - Single Fan, Small Enclosure	•						•	
HN	Medium - Dual Fan, Medium Enclosure	•							•
HM	Large - Dual Fan, Large Enclosure	•							•

Condensing Units

Indoor, Outdoor and Water Cooled

Indoor Air Cooled:

- Wide range of applications and horsepower
- 1/4 through 4 hp
- Scroll and Reciprocating Compressors
- Low, Medium and Commercial Temperature
- R404A



Outdoor Condensing:

- Compact design
- Small footprint and improved air flow
- 1/2 through 7-1/4 hp
- Low, Medium and Commercial Temperature
- R404A, R22



Indoor Water Cooled:

- 1-1/2 through 3 hp
- High efficiency
- Low Temperature applications
- R404A



Lo-Profile Unit Coolers:

- Capacity 3,800 - 30,000 Btu/h
- Available in 115V and 230V
- PSC and EC Fan motors
- Low and Medium Temperature



Unit Cooler Nomenclature

PLP 430 (E)(*A)

Product Family

Btu/h Capacity

EC Fan Motor

Electric Defrost

Note: Actual Btu/h capacity is in thousands. For example, 430 = PLP 4300 **

- Lo-Profile designed for Medium and Low temperature applications, capacity range 3,800 - 30,000 Btu/h

Agency Approval: PLP and PLP-E Unit Coolers are in compliance with both U.S. and Canada safety requirements.

Features and Benefits

• LO-PROFILE & COMPACT

Low silhouette height of only 13 1/2 inches.

Design for flush, ceiling mounting.

• DESIGN AND FEATURES

Easily adapted as a replacement unit or for use in original equipment.

Thermally protected, permanently lubricated high efficiency PSC or highest efficiency EC motors.



• INSTALLATION & SERVICE

Junction box located outside of cabinet for easy hook up.

Removable side panel and hinged drain pan for easy servicing. (Drain connection is 1" FPT)

• QUALITY MATERIALS

Textured aluminum cabinet.

Aluminum fins (6 Fins Per Inch) and seamless copper tubing coil.

Aluminum fan blades

Polycarbonate fan guards

• ELECTRIC DEFROST MODELS ONLY

Serpentine tubular heating elements are evenly spaced for ideal defrosting.

Defrost termination switch and fan delay control insures defrost without overheating.

Model Number	Item Number (Bill of Material)	Volt/Hz/Ph	HP	Starting Torque	Capacity (Btu/h) at 90°F (32.2°C) Ambient Evaporator Temperature					Sight Glass	Filter Drier	Defrost Timer
Indoor Condensing Unit - R404A/R507 Air Cooled Cooler Applications					0°F	10°F	20°F	25°F	30°F			
Medium/Commercial Temperature Rated @ 20°F (-6.7°C)					-17.8°C	-12.2°C	-6.7°C	-3.9°C	-1.1°C			
AE4440Z-AA1ASC	32F364-59S	115/60/1	1/3	High	1,560	1,930	2,350	2,590	2,840			
AKA9430ZAADG	2G301-19	115/60/1	1/3	High	1,970	2,510	3,090	3,400	3,720			
AKA9442ZAADG	2G212-19	115/60/1	1/2	High	2,680	3,670	4,240	5,150	5,590			
AKA9442ZNADG	2G213-19	208-230/60/1	1/2	High	2,680	3,670	4,240	5,150	5,590			
AKA9440ZXDXC	2T292-2	208-230/60/1	1/2	High	2,380	3,200	4,050	4,500	5,000	•	•	
AKA9463ZNADG	2G718-19	208-230/60/1	3/4	High	4,290	5,250	6,360	6,970	7,610			
AKA9463ZXDXC	32B777-1	208-230/60/1	3/4	High	4,200	5,230	6,280	6,900	7,650	•	•	
AKA9463ZXDXC	2T777-2	208-230/60/1	3/4	High	4,200	5,230	6,280	6,900	7,650			
AKA9463ZNADJ	2G718-79	208-230/60/1	3/4	High	4,290	5,250	6,360	6,970	7,610	•	•	
AJA7480ZXDXC	2B1102-9	208-230/60/1	1	High	5,500	6,720	7,980	8,620	9,520			
AJA7480ZNADJ	2G1010-79	208-230/60/1	1	High	5,760	6,880	7,940	8,450	9,520	•	•	
AJA7480ZXDXC	2T1102-1	208-230/60/1	1	High	5,500	6,720	7,980	8,620	9,520	•	•	
AJA7494ZXDXC	2B1106-1	208-230/60/1	1 1/4	High	6,350	7,810	9,400	10,280	11,250			
AJA7494ZXDXC	2T1106-1	208-230/60/1	1 1/4	High	6,350	7,810	9,400	10,280	11,250	•	•	
AWA9511ZXNXC	2B1138-9	208-230/60/1	1 1/2	High	6,620	8,760	11,390	12,890	14,520			
AWA9511ZXTXC	2B1140-9	200-230/60/3	1 1/2	3 PH	6,620	8,760	11,390	12,890	14,520			
AWA7512ZXDXC	2B3217-9	208-230/60/1	1 1/2	High	7,690	9,690	11,930	13,140	14,410			
AWA7512ZXDXC	2T3217-1	208-230/60/1	1 1/2	High	7,690	9,690	11,930	13,140	14,410	•	•	
AWA7512ZXTXC	2B3218-9	200-230/60/3	1 1/2	3 PH	7,690	9,690	11,930	13,140	14,410			
AWA9514ZXNXM	2B3238-9	208-230/60/1	1 3/4	High	8,530	11,070	14,050	15,770	17,490			
AWA9514ZXNXM	2T3225-1	208-230/60/1	1 3/4	High	8,530	11,070	14,050	15,770	17,490	•	•	
AWA9514ZXTXM	2B3239-9	200-230/60/3	1 3/4	3 PH	8,530	11,070	14,050	15,770	17,490			
AWA7515ZXDXC	2B3220-9	208-230/60/1	1 3/4	High	9,890	12,040	14,400	15,650	16,960			
AWA9518ZXNXM	2C2133-9	208-230/60/1	2 1/2	High	11,390	14,640	18,410	20,550	22,690			
AWA9518ZXTXM	2C2134-9	200-230/60/3	2 1/2	3 PH	11,390	14,640	18,410	20,550	22,690			
AWA9518ZXNXM	2T2117-1	200-230/60/1	2 1/2	High	11,390	14,640	18,410	20,550	22,690	•	•	
AVA7523ZXNXC	2B3136-9	208-230/60/1	3	High	15,360	18,970	22,790	24,780	26,820			
AVA7523ZXNXC	2T3226-1	208-230/60/1	3	High	17,610	21,570	25,860	28,120	30,470	•	•	
AVA7523ZXTXC	2B3137-9	200-230/60/3	3	3 PH	15,360	18,970	22,790	24,780	26,820			
AVA9525ZXNXM	2B3160-1	208-230/60/1	3	High	15,780	19,870	24,520	27,110	29,710			
AVA9525ZXTXM	2B3154-9	200-230/60/3	3	3 PH	15,780	19,870	24,520	27,110	29,710			
AVA9525ZXTXM	2T3228-1	200-230/60/3	3	3 PH	15,780	19,870	24,520	27,040	29,710	•	•	
AVA9529ZXTXM	2B3158-9	200-230/60/3	3 1/2	3 PH	19,270	23,890	28,920	31,620	34,440			
AVA9529ZXTXM	2T3229-1	200-230/60/3	3 1/2	3 PH	19,270	23,890	28,920	31,620	34,440	•	•	



Dimensions in (mm)			Connection Size in (mm)		Wt. lbs (kg)	PSC Motor		EC Motor		No. of Fans ⁺⁺	TP Cover Optional
L	W	H	Suction ODF*	Liquid ODF*		Model	Item No.	Model	Item No.		Item Number
Indoor Condensing Unit - R404A/R507 Unit Cooler, Cooler Applications											
Medium/Commercial Temperature											
16.0 (406)	11.5 (292)	8.9 (226)	3/8 (9.5)	1/4 (6.4)	40 (18)	N/A	N/A	N/A	N/A	N/A	TP-181D
15.0 (381)	14.0 (356)	11.2 (284)	3/8 (9.5)	3/8 (9.5)	54 (24)	PLP-380	6290007	PLP-380*A	6689E	1	TP-181D
20.0 (508)	14.3 (363)	12.1 (307)	3/8 (9.5)	3/8 (9.5)	54 (24)	PLP-500	6291007	PLP-500*A	6692E	1	TP-181D
20.0 (508)	14.3 (363)	12.1 (307)	3/8 (9.5)	3/8 (9.5)	54 (24)	PLP-500	6291007	PLP-500*A	6692E	1	TP-181D
22.3 (566)	13.9 (353)	13.1 (333)	1/2 (12.7)	1 3/8 (34.9)	71 (32)	PLP-500	6291007	PLP-500*A	6692E	1	TP-181D
24.0 (610)	17.5 (445)	13.4 (340)	3/8 (9.5)	3/8 (9.5)	67 (30)	PLP-750	6289007	PLP-750*A	6698E	2	TP-181D
24.3 (617)	18.0 (457)	14.0 (356)	1/2 SAE (12.7 SAE)	3/8 SAE (9.5 SAE)	84 (38)	PLP-750	6289007	PLP-750*A	6698E	2	TP-181D
24.1 (612)	18.4 (467)	13.5 (343)	1/2 SAE (12.7 SAE)	3/8 SAE (9.5 SAE)	84 (38)	PLP-750	6289007	PLP-750*A	6698E	2	TP-181D
24.0 (610)	17.5 (445)	13.4 (340)	3/8 (9.5)	3/8 (9.5)	68 (31)	PLP-750	6289007	PLP-750*A	6698E	2	TP-181D
24.3 (617)	17.8 (452)	13.4 (340)	5/8 SAE (15.9 SAE)	3/8 SAE (9.5 SAE)	102 (46)	PLP-900	6275007	PLP-900*A	6715E	2	TP-181D
24.0 (610)	17.5 (445)	13.4 (340)	3/8 (9.5)	3/8 (9.5)	78 (35)	PLP-900	6275007	PLP-900*A	6715E	2	TP-181D
24.0 (610)	17.8 (452)	13.5 (343)	5/8 SAE (15.9 SAE)	3/8 SAE (9.5 SAE)	120 (54)	PLP-900	6275007	PLP-900*A	6715E	2	TP-181D
24.0 (610)	19.4 (493)	16.1 (409)	5/8 SAE (15.9 SAE)	3/8 SAE (9.5 SAE)	100 (45)	PLP-1000	6292007	PLP-1000*A	6701E	2	TP-181D
24.0 (610)	19.4 (493)	16.3 (414)	5/8 SAE (15.9 SAE)	3/8 SAE (9.5 SAE)	100 (45)	PLP-1000	6292007	PLP-1000*A	6701E	2	TP-181D
24.0 (610)	19.0 (483)	16.0 (406)	7/8 (22.2)	3/8 (9.5)	130 (59)	PLP-1250	6277007	PLP-1250*A	6717E	2	TP-201D
24.0 (610)	19.0 (483)	16.0 (406)	7/8 (22.2)	3/8 (9.5)	130 (59)	PLP-1250	6277007	PLP-1250*A	6717E	2	TP-201D
24.0 (610)	19.4 (493)	16.2 (411)	7/8 (22.2)	3/8 (9.5)	130 (59)	PLP-1500	6293007	PLP-1500*A	6704E	3	TP-201D
28.0 (711)	19.4 (493)	16.2 (411)	7/8 (22.2)	3/8 (9.5)	130 (59)	PLP-1500	6293007	PLP-1500*A	6704E	3	TP-201D
24.0 (610)	19.0 (483)	16.2 (411)	7/8 (22.2)	3/8 (9.5)	124 (56)	PLP-1500	6293007	PLP-1500*A	6704E	3	TP-201D
25.0 (635)	34.0 (864)	20.0 (508)	7/8 (22.2)	3/8 (9.5)	150 (68)	PLP-1500	6293007	PLP-1500*A	6704E	3	TP-241D
25.0 (635)	33.5 (850)	19.5 (495)	7/8 (22.2)	3/8 (9.5)	150 (68)	PLP-1500	6293007	PLP-1500*A	6704E	3	TP-241D
25.0 (635)	34.0 (864)	20.0 (508)	7/8 (22.2)	3/8 (9.5)	150 (68)	PLP-1500	6293007	PLP-1500*A	6704E	3	TP-241D
24.0 (610)	19.4 (493)	16.2 (411)	7/8 (22.2)	3/8 (9.5)	129 (59)	PLP-1500	6293007	PLP-1500*A	6704E	3	TP-201D
25.0 (635)	34.0 (864)	20.0 (508)	7/8 (22.2)	3/8 (9.5)	150 (68)	PLP-2000	6294007	PLP-2000*A	6707E	4	TP-241D
25.0 (635)	33.5 (850)	19.5 (495)	7/8 (22.2)	3/8 (9.5)	150 (68)	PLP-2000	6294007	PLP-2000*A	6707E	4	TP-241D
26.0 (660)	34.0 (864)	20.0 (508)	7/8 (22.2)	3/8 (9.5)	150 (68)	PLP-2000	6294007	PLP-2000*A	6707E	4	TP-241D
25.0 (635)	33.6 (853)	19.5 (495)	7/8 (22.2)	3/8 (9.5)	119 (54)	PLP-2500	6295007	PLP-2500*A	6710E	5	TP-241D
25.0 (635)	33.5 (850)	19.5 (495)	7/8 (22.2)	3/8 (9.5)	119 (54)	PLP-2500	6295007	PLP-2500*A	6710E	5	TP-241D
25.0 (635)	33.6 (853)	19.5 (495)	7/8 (22.2)	3/8 (9.5)	119 (54)	PLP-2500	6295007	PLP-2500*A	6710E	5	TP-241D
25.0 (635)	34.0 (864)	20.0 (508)	7/8 (22.2)	3/8 (9.5)	150 (68)	PLP-3000	6296007	PLP-3000*A	6712E	6	TP-241D
25.0 (635)	34.0 (864)	20.0 (508)	7/8 (22.2)	3/8 (9.5)	150 (68)	PLP-3000	6296007	PLP-3000*A	6712E	6	TP-241D
25.0 (635)	33.7 (856)	19.5 (495)	7/8 (22.2)	3/8 (9.5)	150 (68)	PLP-3000	6296007	PLP-3000*A	6712E	6	TP-241D
25.0 (635)	34.0 (864)	20.0 (508)	7/8 (22.2)	3/8 (9.5)	208 (94)	PLP-3000	6296007	PLP-3000*A	6712E	6	TP-241D
25.0 (635)	33.7 (856)	19.5 (495)	7/8 (22.2)	3/8 (9.5)	208 (94)	PLP-3000	6296007	PLP-3000*A	6712E	6	TP-241D

*NOTE: All connections are ODF unless otherwise stated.

* Requires (2) unit coolers.

** Double the number of fans if (2) unit coolers are required.

Model Number	Item Number (Bill of Material)	Volt/Hz/Ph	HP	Starting Torque	Capacity (Btu/h) at 90°F (32.2°C) Ambient Evaporator Temperature					Sight Glass	Filter Drier	Defrost Timer
Indoor Condensing Unit - R404A/R507 Air Cooled Freezer Applications					-40°F	-30°F	-20°F	-10°F	0°F			
Low Temperature Rated @ -10°F (-23.3°C)					-40.0°C	-34.4°C	-28.9°C	-23.3°C	-17.8°C			
AWA2448ZDXC	2B1118-9	208-230/60/1	1	High	1,390	2,420	3,570	4,840	6,230			
AWA2448ZDXC	2T1118-2	208-230/60/1	1	High	1,390	2,420	3,570	4,840	6,230	•	•	
AWA2448ZTXC	2B1121-9	200-230/60/3	1	3 PH	1,390	2,420	3,570	4,840	6,230			
AWA2464ZDXC	2B3224-9	208-230/60/1	1 1/2	High	2,570	3,810	5,100	6,450	7,850			
AWA2464ZDXC	2T3224-2	208-230/60/1	1 1/2	High	2,570	3,810	5,100	6,450	7,850	•	•	
AWA2464ZTXC	2B3225-9	200-230/60/3	1 1/2	3 PH	2,570	3,810	5,100	6,450	7,850			
AWA2479ZDXC	2C2114-9	208-230/60/1	2	High	2,340	4,080	5,930	7,870	9,920			
AWA2479ZDXC	2T2114-2	208-230/60/1	2	High	2,340	4,080	5,930	7,870	9,920	•	•	
AWA2479ZTXC	2C2115-9	200-230/60/3	2	3 PH	2,340	4,080	5,930	7,870	9,920			
AVA2510ZXNC	2C2116-9	208-230/60/1	2 1/2	High	3,590	5,750	7,890	10,000	12,090			
AVA2510ZXNC	2T2116-2	208-230/60/1	2 1/2	High	3,590	5,750	7,890	10,000	12,090	•	•	
AVA2510ZTXC	2C2117-9	200-230/60/3	2 1/2	3 PH	3,590	5,750	7,890	10,000	12,090			
AVA2510ZTXC	2T2118-2	200-230/60/3	2 1/2	3 PH	3,590	5,750	7,890	10,000	12,090	•	•	
AVA2512ZXNM	2B3140-9	208-230/60/1	3	High	--	6,530	9,100	11,850	14,780			
AVA2512ZXNM	2T3230-1	208-230/60/1	3	High	--	6,530	9,100	11,850	14,780	•	•	
AVA2512ZTXM	2B3141-9	200-230/60/3	3	3 PH	--	6,530	9,100	11,850	14,780			
AVA2512ZTXM	2T3231-1	200-230/60/3	3	3 PH	--	6,530	9,100	11,850	14,780	•	•	
AVA2515ZXNC	2B3144-9	208-230/60/1	3 1/2	High	5,130	7,790	10,910	14,480	18,500			
AVA2515ZXNC	2T3232-1	208-230/60/1	3 1/2	High	5,130	7,790	10,910	14,480	18,500	•	•	
AVA2515ZTXC	2B3145-9	200-230/60/3	3 1/2	3 PH	5,130	7,790	10,910	14,480	18,500			
AVA2515ZTXC	2T3233-1	200-230/60/3	3 1/2	3 PH	5,130	7,790	10,910	14,480	18,500	•	•	

Indoor Condensing Unit - R404A/R507 Water Cooled, Freezer Applications					-40°F	-30°F	-20°F	-10°F	0°F			
Low Temperature Rated @ -10°F (-23.3°C)					-40.0°C	-34.4°C	-28.9°C	-23.3°C	-17.8°C			
AWA2453ZDXW	2B1119-9	208-230/60/1	1 1/4	High	1,160	2,110	3,500	5,280	7,420			
AWA2488ZDXW	2C2113-9	208-230/60/1	2	High	2,050	3,800	6,020	8,760	12,050			
AVA2512ZXNW	2B3143-9	208-230/60/1	3	High	3,570	5,980	8,900	12,540	17,080			
AVA2512ZTXW	2B3142-9	200-230/60/3	3	3 PH	3,570	5,980	8,900	12,540	17,080			



Dimensions in (mm)			Connection Size in (mm)		Wt. lbs (kg)	PSC Motor		EC Motor		No. of Fans**	TP Cover Optional Item Number
L	W	H	Suction*	Liquid*		Model	Item No.	Model	Item No.		
Indoor Condensing Unit - R404A/R507 Unit Cooler, Freezer Applications											
Low Temperature											
24.0 (610)	17.8 (452)	15.4 (391)	5/8 (15.9)	3/8 (9.5)	119 (54)	PLP-640E	6282007	PLP-640E*A	6694E	2	TP-181D
24.0 (610)	19.0 (483)	15.0 (381)	5/8 (15.9)	3/8 (9.5)	119 (54)	PLP-640E	6282007	PLP-640E*A	6694E	2	TP-181D
24.0 (610)	17.8 (452)	15.4 (391)	5/8 (15.9)	3/8 (9.5)	119 (54)	PLP-640E	6282007	PLP-640E*A	6694E	2	TP-181D
24.0 (610)	17.8 (452)	15.4 (391)	7/8 (22.2)	3/8 (9.5)	130 (59)	PLP-640E	6282007	PLP-640E*A	6694E	2	TP-181D
24.0 (610)	19.0 (483)	15.0 (381)	7/8 (22.2)	3/8 (9.5)	130 (59)	PLP-640E	6282007	PLP-640E*A	6694E	2	TP-181D
24.0 (610)	17.8 (452)	16.4 (417)	7/8 (22.2)	3/8 (9.5)	130 (59)	PLP-640E	6282007	PLP-640E*A	6694E	2	TP-201D
24.0 (610)	19.4 (493)	16.2 (411)	7/8 (22.2)	3/8 (9.5)	119 (54)	PLP-860E	6283007	PLP-860E*A	6697E	2	TP-201D
24.0 (610)	19.4 (493)	16.1 (409)	7/8 (22.2)	3/8 (9.5)	119 (54)	PLP-860E	6283007	PLP-860E*A	6697E	2	TP-201D
24.0 (610)	19.4 (493)	16.2 (411)	7/8 (22.2)	3/8 (9.5)	119 (54)	PLP-860E	6283007	PLP-860E*A	6697E	2	TP-201D
24.0 (610)	19.0 (483)	16.2 (411)	7/8 (22.2)	3/8 (9.5)	130 (59)	PLP-1070E	6278007	PLP-1070E*A	6719E	2	TP-201D
24.0 (610)	20.2 (513)	16.1 (409)	3/4 (19.1)	3/8 (9.5)	140 (64)	PLP-1070E	6278007	PLP-1070E*A	6719E	2	TP-201D
24.0 (610)	19.4 (493)	16.2 (411)	7/8 (22.2)	3/8 (9.5)	130 (59)	PLP-1070E	6278007	PLP-1070E*A	6719E	2	TP-201D
24.0 (610)	19.4 (493)	16.2 (411)	7/8 (22.2)	3/8 (9.5)	140 (64)	PLP-1070E	6278007	PLP-1070E*A	6719E	2	TP-201D
25.0 (635)	33.6 (853)	19.5 (495)	7/8 (22.2)	3/8 (9.5)	130 (59)	PLP-1290E	6284007	PLP-1290E*A	6700E	3	TP-241D
25.0 (635)	33.6 (853)	19.5 (495)	7/8 (22.2)	3/8 (9.5)	150 (68)	PLP-1290E	6284007	PLP-1290E*A	6700E	3	TP-241D
25.0 (635)	33.6 (853)	19.5 (495)	7/8 (22.2)	3/8 (9.5)	130 (59)	PLP-1290E	6284007	PLP-1290E*A	6700E	3	TP-241D
25.0 (635)	33.7 (856)	19.5 (495)	7/8 (22.2)	3/8 (9.5)	130 (59)	PLP-1290E	6284007	PLP-1290E*A	6700E	3	TP-241D
25.0 (635)	33.6 (853)	19.5 (495)	7/8 (22.2)	3/8 (9.5)	130 (59)	PLP-1560E	6280007	PLP-1560E*A	6722E	3	TP-241D
25.0 (635)	33.6 (853)	19.5 (495)	7/8 (22.2)	3/8 (9.5)	140 (64)	PLP-1560E	6280007	PLP-1560E*A	6722E	3	TP-241D
25.0 (635)	33.6 (853)	19.5 (495)	7/8 (22.2)	3/8 (9.5)	130 (59)	PLP-1560E	6280007	PLP-1560E*A	6722E	3	TP-241D
25.0 (635)	33.5 (850)	19.5 (495)	7/8 (22.2)	3/8 (9.5)	130 (59)	PLP-1560E	6280007	PLP-1560E*A	6722E	3	TP-241D

Indoor Condensing Unit - R404A/R507 Water Cooled Freezer Applications											
Low Temperature											
24.3 (617)	17.0 (432)	15.7 (399)	5/8 (15.9)	3/8 SAE (9.5 SAE)	119 (54)	PLP-640E	6282007	PLP-640E*A	6694E	2	TP-201D
24.0 (610)	17.0 (432)	16.0 (406)	7/8 (22.2)	3/8 SAE (9.5 SAE)	129 (59)	PLP-860E	6283007	PLP-860E*A	6697E	2	TP-201D
24.3 (617)	17.0 (432)	16.6 (422)	7/8 (22.2)	3/8 SAE (9.5 SAE)	119 (54)	PLP-1560E	6280007	PLP-1560E*A	6722E	3	TP-201D
24.3 (617)	17.0 (432)	16.6 (422)	7/8 (22.2)	3/8 SAE (9.5 SAE)	119 (54)	PLP-1560E	6280007	PLP-1560E*A	6722E	3	TP-201D

*NOTE: All connections are ODF unless otherwise stated.

* Requires (2) unit coolers.

** Double the number of fans if (2) unit coolers are required.

Model Number	Item Number (Bill of Material)	Volt/Hz/Ph	HP	Starting Torque	Capacity (Btu/h) at 90°F (32.2°C) Ambient Evaporator Temperature					Sight Glass	Filter Drier	Defrost Timer
Indoor Condensing Units - R404A/R507 Scroll Air Cooled Cooler Applications					0°F	10°F	20°F	25°F	30°F			
Commercial Temperature Rated @ 20°F (-6.7°C)					-17.8°C	-12.2°C	-6.7°C	-3.9°C	-1.1°C			
VSC9518ZNAXM	2C2165-1	208-230/60/1	2	High	9,700	13,400	18,000	20,000	21,900			
VSC9518ZXTXM	2C2166-1	200-230/60/3	2	3 PH	9,700	13,400	18,000	20,000	21,900			
VSC9522ZNAXM	2B3277-1	208-230/60/1	3	High	14,300	17,900	22,300	24,700	27,000			
VSC9522ZXTXM	2B3278-1	200-230/60/3	3	3 PH	14,300	17,900	22,300	24,700	27,000			
VSC9524ZNAXM	2B3279-1	208-230/60/1	3	High	15,500	19,600	24,700	27,500	30,400			
VSC9524ZXTXM	2B3280-1	200-230/60/3	3	3 PH	15,500	19,600	24,700	27,500	30,400			
VSC9529ZNAXM	2B3281-1	208-230/60/1	4	High	19,200	24,100	30,200	33,400	36,800			
VSC9529ZXTXM	2B3282-1	200-230/60/3	4	3 PH	19,200	24,100	30,200	33,400	36,800			
VSC9534ZNAXM	2A4097-1	208-230/60/1	4 1/2	High	22,600	28,400	35,700	39,700	43,700			
VSC9534ZXTXM	2A4098-1	200-230/60/3	4 1/2	3 PH	22,600	28,400	35,700	39,700	43,700			
Indoor Condensing Unit - R22 Air Cooled Cooler Applications					25°F	30°F	35°F	40°F	45°F			
High Temperature Rated @ 45°F (7.2°C)					-3.9°C	-1.1°C	1.7°C	4.4°C	7.2°C			
AWG4516EXNXC	2B1112-9	208-230/60/1	1 1/4	High	10,470	11,670	12,960	14,350	15,820			
AWG4524EXNXM	2C2103-9	208-230/60/1	2	High	16,410	18,210	20,130	22,120	24,170			
R22 Indoor Condensing Unit - Air Cooled Cooler Applications					0°F	10°F	20°F	25°F	30°F			
Commercial Temperature Rated @ 20°F (-6.7°C)					-17.8°C	-12.2°C	-6.7°C	-3.9°C	-1.1°C			
AEA9423EXAXA	2C357-9	115/60/1	1/4	High	1,430	1,840	2,300	2,580	2,860			
AKA9446EAADG	2G214-19	115/60/1	1/2	High	2,600	3,500	4,600	5,150	5,700			
AKA9461ENADG	2G716-19	208-230/60-1	3/4	High	3,500	4,700	6,100	6,900	7,700			
AJA9486ENADG	2G1002-19	208-230/60-1	1	High	5,100	6,800	8,600	9,500	10,400			

Outdoor Condensing Units - R404A/R507 Air Cooled Cooler Applications					Capacity (Btu/h) at 95°F (35°C) Ambient							
Medium/Commercial Temperature Rated @ 20°F (-6.7°C)					0°F	10°F	20°F	25°F	30°F			
					-17.8°C	-12.2°C	-6.7°C	-3.9°C	-1.1°C			
AKA9464ZXDHS	32L751-2ET1	208-230/60/1	3/4	High	3,800	5,000	6,400	7,200	8,000	•	•	•
AJA7494ZXDHS	32L1106-2ET1	208-230/60/1	1	High	5,900	7,300	8,800	9,600	10,500	•	•	•
AWA9490ZNXHS	32L1138-2ET1	208-230/60/1	1 1/4	High	6,200	8,000	10,000	11,100	12,300	•	•	•
AWA9490ZXTHS	32L1140-2ET1	200-230/60/3	1 1/4	3 PH	6,200	8,000	10,000	11,100	12,300	•	•	•
AWA7512ZXDHS	32L3217-2ET1	208-230/60/1	1 1/4	High	7,200	9,000	11,000	12,100	13,300	•	•	•
AWA7512ZXTHS	32L3218-2ET1	200-230/60/3	1 1/4	3 PH	7,200	9,000	11,000	12,100	13,300	•	•	•
AWA9514ZNXHN	32L3238-2ET1	208-230/60/1	1 3/4	High	7,800	10,300	13,100	14,700	16,400	•	•	•
AWA9514ZXTHN	32L3239-2ET1	200-230/60/3	1 3/4	3 PH	7,800	10,300	13,100	14,700	16,400	•	•	•
AWA7515ZXDHS	32L3220-2ET1	208-230/60/1	1 3/4	High	9,200	11,200	13,400	14,500	15,800	•	•	•
AWA7515ZXTHS	32L3219-2ET1	200-230/60/3	1 3/4	3 PH	9,200	11,200	13,400	14,500	15,800	•	•	•
AWA9518ZNXHN	32L2133-2ET1	208-230/60/1	2	High	10,600	13,700	17,300	19,300	21,400	•	•	•
AWA9518ZXTHN	32L2134-2ET1	200-230/60/3	2	3 PH	10,600	13,700	17,300	19,300	21,400	•	•	•
AVA9523ZNXHN	32L2135-2ET1	208-230/60/1	2 1/2	High	13,000	16,900	21,200	23,600	26,000	•	•	•

Dimensions in (mm)			Connection Size in (mm)		Wt. lbs (kg)	PSC Motor		EC Motor		No. of Fans**	TP Cover Optional Item Number
L	W	H	Suction*	Liquid*		Model	Item No.	Model	Item No.		

Indoor Condensing Units - R404A/R507 Scroll Air Cooled Cooler Applications

Commercial Temperature

34.0 (864)	25.0 (635)	20.0 (508)	5/8 (15.9)	3/8 (9.5)	290 (132)	PLP-2000	6294007	PLP-2000*A	6707E	4	
34.0 (864)	25.0 (635)	20.0 (508)	5/8 (15.9)	3/8 (9.5)	290 (132)	PLP-2000	6294007	PLP-2000*A	6707E	4	
34.0 (864)	25.0 (635)	20.0 (508)	5/8 (15.9)	3/8 (9.5)	295 (134)	PLP-2500	6295007	PLP-2500*A	6710E	2	
34.0 (864)	25.0 (635)	20.0 (508)	5/8 (15.9)	3/8 (9.5)	295 (134)	PLP-2500	6295007	PLP-2500*A	6710E	2	
34.0 (864)	25.0 (635)	20.0 (508)	5/8 (15.9)	3/8 (9.5)	295 (134)	PLP-2500	6295007	PLP-2500*A	6710E	2	
34.0 (864)	25.0 (635)	20.0 (508)	5/8 (15.9)	3/8 (9.5)	295 (134)	PLP-2500	6295007	PLP-2500*A	6710E	2	
34.0 (864)	25.0 (635)	20.0 (508)	7/8 (22.2)	1/2 (12.7)	305 (138)	PLP-3000	6296007	PLP-3000*A	6712E	6	
34.0 (864)	25.0 (635)	20.0 (508)	7/8 (22.2)	1/2 (12.7)	305 (138)	PLP-3000	6296007	PLP-3000*A	6712E	6	
34.0 (864)	25.0 (635)	20.0 (508)	7/8 (22.2)	1/2 (12.7)	305 (138)	PLP-2000*	6294007	PLP-2000*A*	6707E	4	
34.0 (864)	25.0 (635)	20.0 (508)	7/8 (22.2)	1/2 (12.7)	305 (138)	PLP-2000*	6294007	PLP-2000*A*	6707E	4	

Indoor Condensing Units - R22 Unit Cooler, Cooler Applications

High Temperature

24.0 (610)	19.4 (493)	16.2 (411)	7/8 (22.2)	3/8 (9.5)	120 (54)	PLP-1750	6279007	PLP-1750*A	6720E	3	TP-181D
23.0 (584)	33.6 (853)	19.5 (495)	7/8 (22.2)	3/8 (9.5)	183 (83)	PLP-2500	6295007	PLP-2500*A	6710E	2	TP-241D

Indoor Condensing Units - R22 Unit Cooler, Cooler Applications

Commercial Temperature

17.9 (455)	13.0 (330)	9.0 (229)	3/8 SAE (9.5 SAE)	3/8 SAE (9.5 SAE)	48 (22)	N/A	N/A	N/A	N/A	N/A	TP-181D
20.0 (508)	14.3 (363)	12.1 (307)	3/8 (9.5)	3/8 (9.5)	54 (24)	PLP-500	6291007	PLP-500*A	6692E	1	TP-181D
24.0 (610)	17.5 (445)	13.4 (340)	3/8 (9.5)	3/8 (9.5)	67 (30)	PLP-750	6289007	PLP-750*A	6698E	2	TP-181D
24.0 (610)	17.5 (445)	13.4 (340)	3/8 (9.5)	3/8 (9.5)	77 (35)	PLP-900	6275007	PLP-900*A	6715E	2	TP-181D

Outdoor Condensing Units - R404A/R507 Unit Cooler, Cooler Applications

Medium/Commercial Temperature

26.6 (674)	28.9 (735)	26.1 (662)	1/2 (12.7)	3/8 (9.5)	190 (86)	PLP-750	6289007	PLP-750*A	6698E	2	
26.6 (674)	28.9 (735)	26.1 (662)	1/2 (12.7)	3/8 (9.5)	190 (86)	PLP-900	6275007	PLP-900*A	6715E	2	
26.6 (674)	28.9 (735)	26.1 (662)	5/8 (15.9)	3/8 (9.5)	200 (91)	PLP-1250	6277007	PLP-1250*A	6717E	2	
26.6 (674)	28.9 (735)	26.1 (662)	5/8 (15.9)	3/8 (9.5)	200 (91)	PLP-1250	6277007	PLP-1250*A	6717E	2	
26.6 (674)	28.9 (735)	26.1 (662)	5/8 (15.9)	3/8 (9.5)	200 (91)	PLP-1500	6293008	PLP-1500*A	6704E	3	
26.6 (674)	28.9 (735)	26.1 (662)	5/8 (15.9)	3/8 (9.5)	200 (91)	PLP-1500	6293008	PLP-1500*A	6704E	3	
26.4 (671)	36.3 (921)	26.1 (662)	7/8 (22.2)	3/8 (9.5)	300 (136)	PLP-1500	6293007	PLP-1500*A	6704E	3	
26.4 (671)	36.3 (921)	26.1 (662)	7/8 (22.2)	3/8 (9.5)	320 (145)	PLP-1500	6293007	PLP-1500*A	6704E	3	
26.6 (674)	28.9 (735)	26.1 (662)	5/8 (15.9)	3/8 (9.5)	200 (91)	PLP-1500	6293008	PLP-1500*A	6704E	3	
26.6 (674)	28.9 (735)	26.1 (662)	5/8 (15.9)	3/8 (9.5)	200 (91)	PLP-1500	6293008	PLP-1500*A	6704E	3	
26.4 (671)	36.3 (921)	26.1 (662)	7/8 (22.2)	3/8 (9.5)	320 (145)	PLP-2000	6294007	PLP-2000*A	6707E	4	
26.4 (671)	36.3 (921)	26.1 (662)	7/8 (22.2)	3/8 (9.5)	320 (145)	PLP-2000	6294007	PLP-2000*A	6707E	4	
26.4 (671)	36.3 (921)	26.1 (662)	7/8 (22.2)	1/2 (12.7)	280 (127)	PLP-2500	6295007	PLP-2500*A	6710E	5	

*NOTE: All connections are ODF unless otherwise stated.

* Requires (2) unit coolers.

** Double the number of fans if (2) unit coolers are required.

Model Number	Item Number (Bill of Material)	Volt/Hz/Ph	HP	Starting Torque	Capacity (Btu/h) at 95°F (35°C) Ambient Evaporator Temperature					Sight Glass	Filter Drier	Defrost Timer
Outdoor Condensing Units - R404A/R507 Air Cooled Cooler Applications					0°F	10°F	20°F	25°F	30°F			
Medium/Commercial Temperature Rated @ 20°F (-6.7°C) Continued					-17.8°C	-12.2°C	-6.7°C	-3.9°C	-1.1°C			
AVA9523ZXTHN	32L2136-2ET1	200-230/60/3	2 1/2	3 PH	13,000	16,900	21,200	23,600	26,000	•	•	•
AVA7523ZXNHN	32L3136-2ET1	208-230/60/1	2 1/2	High	14,370	17,820	21,370	23,190	25,040	•	•	•
AVA7523ZXTHN	32L3137-2ET1	200-230/60/3	3	3 PH	14,370	17,820	21,370	23,190	25,040	•	•	•
AVA9525ZXNHN	32L3160-2ET1	208-230/60/1	3	High	14,600	18,700	23,100	25,600	28,100	•	•	•
AVA9525ZXTHN	32L3154-2ET1	200-230/60/3	3	3 PH	14,600	18,700	23,100	25,600	28,100	•	•	•
AVA9529ZXNHN	32L3157-2ET1	208-230/60/1	3 1/2	High	18,100	22,400	27,200	29,800	32,500	•	•	•
AVA9529ZXTHN	32L3158-2ET1	200-230/60/3	3 1/2	3 PH	18,100	22,400	27,200	29,800	32,500	•	•	•
AGA9538ZXNHN	32L4083-2ET1	208-230/60/1	4 1/2	High	21,300	27,900	35,600	39,900	44,400	•	•	•
AGA9538ZXTHN	32L4084-2ET1	200-230/60/3	4 1/2	3 PH	21,300	27,900	35,600	39,900	44,400	•	•	•
AGA9542ZXNHN	32L5095-2ET1	208-230/60/1	5	High	23,700	30,800	39,100	43,700	48,500	•	•	•
AGA9542ZXTHN	32L5098-2ET1	200-230/60/3	5	3 PH	23,700	30,800	39,100	43,700	48,500	•	•	•

Outdoor Condensing Units - R404A/R507 Air Cooled Freezer Applications					-40°F	-30°F	-20°F	-10°F	0°F			
Low Temperature Rated @ -10°F (-23.3°C)					-40.0°C	-34.4°C	-28.9°C	-23.3°C	-17.8°C			
AWA2444ZXDHS	32L1118-2ET2	208-230/60/1	1 1/4	High	1,300	2,300	3,600	5,000	6,600	•	•	•
AWA2444ZXTHS	32L1121-2ET2	200-230/60/3	1 1/4	3 PH	1,300	2,300	3,600	5,000	6,600	•	•	•
AWA2457ZXDHS	32L3243-2ET2	208-230/60/1	1 1/2	High	1,500	2,600	4,100	5,800	7,600	•	•	•
AWA2457ZXTHS	32L3244-2ET2	200-230/60/3	1 1/2	3 PH	1,500	2,600	4,100	5,800	7,600	•	•	•
AWA2479ZXDHS	32L2114-2ET2	208-230/60/1	1 3/4	High	2,300	3,800	5,500	7,300	9,200	•	•	•
AWA2479ZXTHS	32L2115-2ET2	200-230/60/3	1 3/4	3 PH	2,300	3,800	5,500	7,300	9,200	•	•	•
AWA2490ZXDHN	32L2111-2ET2	208-230/60/1	2	High	---	3,900	5,900	8,100	10,600	•	•	•
AWA2490ZXTHN	32L2112-2ET2	200-230/60/3	2	3 PH	---	3,900	5,900	8,100	10,600	•	•	•
AVA2510ZXNHS	32L2116-2ET2	208-230/60/1	2 1/2	High	---	5,800	7,800	10,000	12,100	•	•	•
AVA2510ZXTHS	32L2117-2ET2	200-230/60/3	2 1/2	3 PH	---	5,800	7,800	10,000	12,100	•	•	•
AVA2512ZXNHN	32L3140-2ET2	208-230/60/1	3	High	4,100	6,500	9,100	11,900	14,800	•	•	•
AVA2512ZXTHN	32L3141-2ET2	200-230/60/3	3	3 PH	4,100	6,500	9,100	11,900	14,800	•	•	•
AVA2515ZXNHN	32L3144-2ET2	208-230/60/1	3 1/2	High	5,200	7,800	10,900	14,500	18,500	•	•	•
AVA2515ZXTHN	32L3145-2ET2	200-230/60/3	3 1/2	3 PH	5,200	7,800	10,900	14,500	18,500	•	•	•



Dimensions in (mm)			Connection Size in (mm)		Wt. lbs (kg)	PSC Motor		EC Motor		No. of Fans**	TP Cover Optional
L	W	H	Suction*	Liquid*		Model	Item No.	Model	Item No.		Item No.
R404A/R507 Unit Cooler, Cooler Applications											
Medium/Commercial Temperature											
26.4 (671)	36.3 (921)	26.1 (662)	7/8 (22.2)	1/2 (12.7)	280 (127)	PLP-2500	6295007	PLP-2500*A	6710E	5	
26.4 (671)	36.3 (921)	26.1 (662)	7/8 (22.2)	1/2 (12.7)	280 (127)	PLP-2500	6295007	PLP-2500*A	6710E	5	
26.4 (671)	36.3 (921)	26.1 (662)	7/8 (22.2)	1/2 (12.7)	280 (127)	PLP-2500	6295007	PLP-2500*A	6710E	5	
26.4 (671)	36.3 (921)	26.1 (662)	7/8 (22.2)	1/2 (12.7)	280 (127)	PLP-2500	6295007	PLP-2500*A	6710E	5	
26.4 (671)	36.3 (921)	26.1 (662)	7/8 (22.2)	1/2 (12.7)	280 (127)	PLP-2500	6295007	PLP-2500*A	6710E	5	
26.4 (671)	36.3 (921)	26.1 (662)	7/8 (22.2)	1/2 (12.7)	280 (127)	PLP-3000	6296007	PLP-3000*A	6712E	6	
26.4 (671)	36.3 (921)	26.1 (662)	7/8 (22.2)	1/2 (12.7)	280 (127)	PLP-3000	6296007	PLP-3000*A	6712E	6	
29.4 (747)	47.8 (1213)	31.6 (802)	7/8 (22.2)	1/2 (12.7)	500 (227)	PLP-2000+	6294007	PLP-2000*A+	6707E	4	
29.4 (747)	47.8 (1213)	31.6 (802)	7/8 (22.2)	1/2 (12.7)	500 (227)	PLP-2000+	6294007	PLP-2000*A+	6707E	4	
29.4 (747)	47.8 (1213)	31.6 (802)	7/8 (22.2)	1/2 (12.7)	500 (227)	PLP-2500+	6295007	PLP-2500*A+	6710E	5	
29.4 (747)	47.8 (1214)	31.6 (802)	7/8 (22.2)	1/2 (12.7)	500 (227)	PLP-2500+	6295007	PLP-2500*A+	6710E	5	

R404A/R507 Unit Cooler, Freezer Applications											
Low Temperature											
26.6 (674)	28.9 (735)	26.1 (662)	5/8 (15.9)	3/8 (9.5)	200 (91)	PLP-640E	6282007	PLP-640E*A	6694E	2	
26.6 (674)	28.9 (735)	26.1 (662)	5/8 (15.9)	3/8 (9.5)	200 (91)	PLP-640E	6282007	PLP-640E*A	6694E	2	
26.6 (674)	28.9 (735)	26.1 (662)	5/8 (15.9)	3/8 (9.5)	200 (91)	PLP-640E	6282007	PLP-640E*A	6694E	2	
26.6 (674)	28.9 (735)	26.1 (662)	5/8 (15.9)	3/8 (9.5)	200 (91)	PLP-640E	6282007	PLP-640E*A	6694E	2	
26.6 (674)	28.9 (735)	26.1 (662)	5/8 (15.9)	3/8 (9.5)	200 (91)	PLP-640E	6282007	PLP-640E*A	6694E	2	
26.6 (674)	28.9 (735)	26.1 (662)	5/8 (15.9)	3/8 (9.5)	200 (91)	PLP-640E	6282007	PLP-640E*A	6694E	2	
26.4 (671)	36.3 (921)	26.1 (662)	7/8 (22.2)	3/8 (9.5)	320 (145)	PLP-860E	6283007	PLP-860E*A	6697E	2	
26.4 (671)	36.3 (921)	26.1 (662)	7/8 (22.2)	3/8 (9.5)	320 (145)	PLP-860E	6283007	PLP-860E*A	6697E	2	
26.6 (674)	28.9 (735)	26.1 (662)	7/8 (22.2)	1/2 (12.7)	250 (113)	PLP-1070E	6278007	PLP-1070E*A	6719E	2	
26.6 (674)	28.9 (735)	26.1 (662)	7/8 (22.2)	1/2 (12.7)	250 (113)	PLP-1070E	6278007	PLP-1070E*A	6719E	2	
26.4 (671)	36.3 (921)	26.1 (662)	7/8 (22.2)	1/2 (12.7)	280 (127)	PLP-1290E	6284007	PLP-1290E*A	6700E	3	
26.4 (671)	36.3 (921)	26.1 (662)	7/8 (22.2)	1/2 (12.7)	280 (127)	PLP-1290E	6284007	PLP-1290E*A	6700E	3	
26.4 (671)	36.3 (921)	26.1 (662)	7/8 (22.2)	1/2 (12.7)	280 (127)	PLP-1560E	6280007	PLP-1560E*A	6722E	3	
26.4 (671)	36.3 (921)	26.1 (663)	7/8 (22.2)	1/2 (12.7)	280 (127)	PLP-1560E	6280007	PLP-1560E*A	6722E	3	

*NOTE: All connections are ODF unless otherwise stated.

* Requires (2) unit coolers.

** Double the number of fans if (2) unit coolers are required.

Model Number	Item Number (Bill of Material)	Volt/Hz/Ph	HP	Starting Torque	Capacity (Btu/h) at 95°F (35°C) Ambient Evaporator Temperature					Sight Glass	Filter Drier	Defrost Timer
Outdoor Condensing Units - R404A/R507 Air Cooled Freezer Applications					0°F	10°F	20°F	25°F	30°F			
Commercial Temperature Rated @ 20°F (-6.7°C)					-17.8°C	-12.2°C	-6.7°C	-3.9°C	-1.1°C			
VSC9518ZNAHN	32L2165-2ET1	208-230/60/1	2	High	9,200	13,300	17,300	19,200	21,000	•	•	•
VSC9518ZXTHN	32L2166-2ET1	200-230/60/3	2	3 PH	9,200	13,300	17,300	19,200	21,000	•	•	•
VSC9522ZNAHN	32L3277-2ET1	208-230/60/1	2 1/2	High	13,600	17,000	21,300	23,500	25,800	•	•	•
VSC9522ZXTHN	32L3278-2ET1	200-230/60/3	2 1/2	3 PH	13,600	17,000	21,300	23,500	25,800	•	•	•
VSC9524ZNAHM	32L3279-2ET1	208-230/60/1	3	High	14,900	18,700	23,600	26,300	29,100	•	•	•
VSC9524ZXTHM	32L3280-2ET1	200-230/60/3	3	3 PH	14,900	18,700	23,600	26,300	29,100	•	•	•
VSC9529ZNAHM	32L3281-2ET1	208-230/60/1	3 1/2	High	18,300	23,000	28,900	32,000	35,200	•	•	•
VSC9529ZXTHM	32L3282-2ET1	200-230/60/3	3 1/2	3 PH	18,300	23,000	28,900	32,000	35,200	•	•	•
VSC9534ZNAHM	32L4097-2ET1	208-230/60/1	4	High	21,600	26,800	33,800	37,600	41,500	•	•	•
VSC9534ZXTHM	32L4098-2ET1	200-230/60/3	4	3 PH	21,600	26,800	33,800	37,600	41,500	•	•	•

Outdoor Condensing Units - Scroll R404A/R507 Air Cooled Freezer Applications					-40°F	-30°F	-20°F	-10°F	0°F			
Low Temperature Rated @ -10°F (-23.3°C)					-40.0°C	-34.4°C	-28.9°C	-23.3°C	-17.8°C			
VSCF518ZXTHM	32L4099-2ET2	200-230/60/3	4 1/2	3 PH	---	11,300	14,400	17,800	21,700	•	•	•
VSCF522ZXTHM	32L5113-2ET2	200-230/60/3	5 1/2	3 PH	---	13,600	17,200	21,400	26,000	•	•	•
VSCF527ZXTHM	32L6007-2ET2	200-230/60/3	6 1/2	3 PH	---	16,400	20,900	26,100	32,000	•	•	•
VSCF533ZXTHM	32L8000-2ET2	200-230/60/3	8	3 PH	---	20,200	25,600	31,900	38,600	•	•	•

Indoor Condensing Units - Scroll R404A/R507 Air Cooled Freezer Applications					-40°F	-30°F	-20°F	-10°F	0°F			
Low Temperature Rated @ -10°F (-23.3°C)					-40.0°C	-34.4°C	-28.9°C	-23.3°C	-17.8°C			
VSCF518ZXTXM	2A4099-1	200-230/60/3	4 1/2	3 PH	---	11,800	14,900	18,600	22,500	•	•	
VSCF522ZXTXM	2A5113-1	200-230/60/3	5 1/2	3 PH	---	14,200	18,000	22,300	27,100	•	•	
VSCF527ZXTXM	2A6007-1	200-230/60/3	7	3 PH	---	17,000	21,700	27,100	33,200	•	•	
VSCF533ZXTXM	2A8000-1	200-230/60/3	8	3 PH	---	20,900	26,500	33,000	40,000	•	•	

Dimensions (in)			Connection Size in (mm)		Wt. lbs (kg)	PSC Motor		EC Motor		No. of Fans**	TP Cover Optional
L	W	H	Suction*	Liquid*		Model	Item No.	Model	Item No.		Item Number
Outdoor Condensing Units - R404A/R507 Air Cooled Freezer Applications											
Commercial Temperature											
26.4 (671)	36.3 (921)	26.1 (662)	7/8 (22.2)	1/2 (12.7)	410 (186)	PLP-1750	6279007	PLP-1750*A	6720E	3	
26.4 (671)	36.3 (921)	26.1 (662)	7/8 (22.2)	1/2 (12.7)	410 (186)	PLP-1750	6279007	PLP-1750*A	6720E	3	
26.4 (671)	36.3 (921)	26.1 (662)	7/8 (22.2)	1/2 (12.7)	410 (186)	PLP-2500	6295007	PLP-2500*A	6710E	5	
26.4 (671)	36.3 (921)	26.1 (662)	7/8 (22.2)	1/2 (12.7)	410 (186)	PLP-2500	6295007	PLP-2500*A	6710E	5	
26.4 (671)	47.8 (1213)	31.6 (802)	1 1/8 (28.6)	1/2 (12.7)	460 (209)	PLP-2500	6295007	PLP-2500*A	6710E	5	
26.4 (671)	47.8 (1213)	31.6 (802)	1 1/8 (28.6)	1/2 (12.7)	460 (209)	PLP-2500	6295007	PLP-2500*A	6710E	5	
26.4 (671)	47.8 (1213)	31.6 (802)	1 1/8 (28.6)	1/2 (12.7)	460 (209)	PLP-3000	6296007	PLP-3000*A	6712E	6	
26.4 (671)	47.8 (1213)	31.6 (802)	1 1/8 (28.6)	1/2 (12.7)	460 (209)	PLP-3000	6296007	PLP-3000*A	6712E	6	
26.4 (671)	47.8 (1213)	31.6 (802)	1 1/8 (28.6)	1/2 (12.7)	480 (218)	PLP-3000	6296007	PLP-3000*A	6712E	6	
26.4 (671)	47.8 (1213)	31.6 (802)	1 1/8 (28.6)	1/2 (12.7)	480 (218)	PLP-3000	6296007	PLP-3000*A	6712E	6	

Outdoor Condensing Units - Scroll R404A/R507 Air Cooled Freezer Applications											
Low Temperature											
26.4 (671)	47.8 (1213)	31.6 (802)	1 1/8 (28.6)	1/2 (12.7)	480 (218)	PLP-1720E	6285007	PLP-1720E*A	6703E	4	
26.4 (671)	47.8 (1213)	31.6 (802)	1 1/8 (28.6)	1/2 (12.7)	480 (218)	PLP-2150E	6289007	PLP-2150E*A	6708E	4	
26.4 (671)	47.8 (1213)	31.6 (802)	1 1/8 (28.6)	1/2 (12.7)	520 (236)	PLP-2580E	6287007	PLP-2580E*A	6711E	5	
26.4 (671)	47.8 (1213)	31.6 (802)	1 3/8 (34.9)	5/8 (15.9)	520 (236)	PLP-1720E+	6285007	PLP-1720E*A+	6703E	4	

Indoor Condensing Units - Scroll R404A/R507 Air Cooled Freezer Applications											
Low Temperature											
45.0 (1143)	29.0 (737)	27.00 (686)	7/8 (22.2)	1/2 (12.7)	285 (129)	PLP-2150E	6289007	PLP-2150E*A	6706E	4	
45.0 (1143)	29.0 (737)	27.00 (686)	7/8 (22.2)	1/2 (12.7)	350 (159)	PLP-2580E	6287007	PLP-2580E*A	6709E	5	
45.0 (1143)	29.0 (737)	27.00 (686)	7/8 (22.2)	1/2 (12.7)	400 (181)	PLP-2580E	6287007	PLP-2580E*A	6709E	5	
45.0 (1143)	29.0 (737)	27.00 (686)	7/8 (22.2)	1/2 (12.7)	400 (181)	PLP-1720E+	6285007	PLP-1720E*A+	6703E	4	

*NOTE: All connections are ODF unless otherwise stated.

* Requires (2) unit coolers.

** Double the number of fans if (2) unit coolers are required.



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