

**ZPS21LXE-PFV**

HFC, R-410A, 60 Hz, 1 - Phase, 208/230 V

**Air Conditioning**

**Production Status:** Available for sale to all U.S. customers. Please check with your local Copeland Representative for international availability.

Performance			Mechanical			
Evaporator Temp. (°F)	45.00	50	Displacement (in <sup>3</sup> /Rev):		1.20	
Condensing Temp. (°F)	130.00	115	Displacement (ft <sup>3</sup> /Hr):			
Return Gas Temp. (°F)	65.00	70	Overall Length (in):		9.69	
Liquid Temp. (°F)	115.00	100	Overall Width (in):		9.69	
Capacity (BTU/hr)	20100	25100	Overall Height (in):		15.28	
Power (W):	1985	1610	Mounting Length (in):		7.50	
Current (Amps):	8.7	7.1	Mounting Width (in):		7.50	
EER(BTU/Wh):	10.15	15.55	Mounting Height (in):		16.00	
Mass Flow (lbs/hr):	294	333	Suction Size (in),Type:		3 / 4 Stub	
Sound Data @ 50 / 115			Discharge Size (in),Type:		1 / 2 Stub	
Sound Power (dBA):	66 Avg	71 Max	Initial Oil Charge (oz):		21	
Vibration mils(peak-peak):	2.0 Avg	3.0 Max	Oil Recharge (oz):		17	
Record Date:	2024-12-24		Oil Type:		3MA	
			Net Weight (lbs):		45.7	
			Internal Free Volume (in <sup>3</sup> ):			
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical		Capacitors					
		Type	Part No	Low MFD	High MFD	Volt s	User Description
LRA High* (Amps):	62.9						
LRA Low*(Amps):		Run Capacitor	014-0064-07	35.0	0.0	370	
LRA Half Winding (Amps):		Start Capacitor	014-0061-27	88.0	106.0	330	
MCC (Amps):	17						
Max Operating Current (Amps):	13.00						
RLA, MCC/1.4(use for contactor selection)(Amps):	12.1						
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	10.9						
RPM:	3500						
Box IP :	21						
UL File No:	SA2337-20031217						
UL File Date:	2014-03-21						

\*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.

**Alternate Applications**

<b>Refrigerant</b>	<b>Voltage</b>	<b>Phase</b>	<b>Frequency</b>	<b>Application</b>
R-410A HFC	208/230	1	60	A/C, 67% Load Of Compressor Model