

ZP42LXE-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^3/Rev):		2.41			
Condensing Temp. (°F)	130.00	100	Displacement (ft^3/Hr):					
Return Gas Temp. (°F)	65.00	70	Overall Length (in):		9.27			
Liquid Temp. (°F)	115.00	85	Overall Width (in):		9.27			
Capacity (BTU/hr)	42400	57800	Overall Height (in):		16.49			
Power (W):	3990	2570	Mounting Length (in):		7.50			
Current (Amps):	18.15	11.7	Mounting Width (in):		7.50			
EER(BTU/Wh):	10.6	22.5	Mounting Height (in):		17.20			
Mass Flow (lbs/hr):	619	707	Suction Size (in),Type:		7 / 8 Stub			
Sound Data @ 50 / 115			Discharge Size (in),Type:		1 / 2 Stub			
Sound Power (dBA):	68 Avg	73 Max	Initial Oil Charge (oz):		42			
Vibration mils(peak-peak):	2.0 Avg	3.0 Max	Oil Recharge (oz):		36			
Record Date:	2024-12-02		Oil Type:		3MA			
			Net Weight (lbs):		76.6			
			Internal Free Volume (in^3):		*Overall compressor height on Copeland Brand Product's specified mounting grommets.			
Electrical			Capacitors					
LRA High* (Amps):	126		Type	Part No	Low MFD	High MFD	Volt s	User Description
LRA Low*(Amps):			Run Capacitor	014-0064-25	45.0	0.0	370	
LRA Half Winding (Amps):			Start Capacitor	014-0061-27	88.0	106.0	330	
MCC (Amps):	30.9							
Max Operating Current (Amps):	25							
RLA, MCC/1.4(use for contactor selection)(Amps):	22.1							
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	19.8							
RPM:	3500							
Box IP :	21							
UL File No:								
UL File Date:								
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.								

Alternate Applications				
Refrigerant	Voltage	Phase	Frequency	Application