

ZP37LXE-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):		2.08			
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)	37800	49800	Overall Height (in):		16.49			
Power (W):	3570	2290	Mounting Length (in):		7.50			
Current (Amps):	15.6	10.05	Mounting Width (in):		7.50			
EER(BTU/Wh):	10.55	21.75	Mounting Height (in):		17.20			
Mass Flow (lbs/hr):	535	606	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):		109	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):		27.9						
Max Operating Current (Amps):		21						
RLA, MCC/1.4(use for contactor selection)(Amps):		19.9						
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):		17.9						
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