

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):	16.95	10.9	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:	2025-08-19		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
LRA Low*(Amps):			Run Capacitor	014-0064-25	45.0	0.0
LRA Half Winding (Amps):			Start Capacitor	014-0061-27	88.0	106.0
MCC (Amps):	27.9					330
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:	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

Refrigerant	Voltage	Phase	Frequency	Application
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