

ZR21K5E-PFV

HFC, R-407C, 60 Hz, 1 - Phase, 208/230 V

Air Conditioning

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

Performance			Mechanical	
Evaporator Temp. (°F)	45.00	50	Displacement (in ³ /Rev):	1.77
Condensing Temp. (°F)	130.00	100	Displacement (ft ³ /Hr):	
Return Gas Temp. (°F)	65.00	70	Overall Length (in):	9.69
Liquid Temp. (°F)	115.00	85	Overall Width (in):	9.69
Capacity (BTU/hr)	20200	27500	Overall Height (in):	15.25
Power (W):	2040	1300	Mounting Length (in):	7.50
Current (Amps):	8.7	5.8	Mounting Width (in):	7.50
EER(BTU/Wh):	9.9	21.1	Mounting Height (in):	16.00
Mass Flow (lbs/hr):	294	338	Suction Size (in),Type:	3 / 4 Stub
Sound Data @ 45 / 130			Discharge Size (in),Type:	1 / 2 Stub
Sound Power (dBA):	68 Avg	73 Max	Initial Oil Charge (oz):	25
Vibration mils(peak-peak):	2.0 Avg	3.0 Max	Oil Recharge (oz):	19
Record Date:	2015-10-12		Oil Type:	3MA
			Net Weight (lbs):	46.9
			Internal Free Volume (in ³):	131.0
			Horse Power:	
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Electrical		Capacitors					
		Type	Part No	Low MFD	High MFD	Volts	User Description
LRA High* (Amps):	56.0	No data available in table					
LRA Low*(Amps):							
LRA Half Winding (Amps):							
MCC (Amps):	16.8						
Max Operating Current (Amps):	13.00						
RLA, MCC/1.4(use for contactor selection)(Amps):	12.0						
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	10.8						
RPM:	3500						
Box IP :	21						
UL File No:	SA-2337						
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