

ZP36KSE-TFM

HFC, R-410A, 50Hz, 3- Phase, 380/420 V

Air Conditioning



Production Status: Non U.S. model with restricted sales - Contact your Emerson Climate Technologies Representative.

Performance

Evap(°F)/Cond(°F)	45 / 130	45 / 100
RG(°F)/Liq(°F)	65 / 115	65 / 85
Capacity (Btu/hr)	30400	38000
Power (Watts):	2920	1960
Current (Amps):	5.35	4.10
EER (Btu/Wh):	10.40	19.35
Mass Flow (lbs/hr):	449	470
Sound Power (dBA):	68 Avg	73 Max
Vibration (mils(peak- Record Date:	2.5 Avg 2009-03-26	3.5 Max

Mechanical

Number of Cylinders:	0	Displ(in ³ /Rev):	2.10
Bore Size(in):	0.00	Displ(ft ³ /hr):	211.46
Stroke(in):	0.00		
Overall Length (in):	9.56	Mounting Length (in):	7.50
Overall Width (in):	9.56	Mounting Width (in):	7.50
Overall Height (in):	19.94	Mounting Height (in):	17.17 *
Suction Size (in):		7/8 Stub	
Discharge Size (in):		1/2 Stub	
Oil Recharge (oz):		38	
Initial Oil Charge (oz):		42	
Net Weight (lbs):		64.7	
Internal Free Volume (in ³):		224.5	
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	46.0	MCC (Amps):	9.3	UL File No:
LRA-Half Winding:		RPM:		UL File Date:
LRA Low*:	41.0	Max Operating Current:	7.0	
RLA(=MCC/1.4;use for contactor selection):		6.6		
RLA(=MCC/1.56;use for breaker & wire size		6		
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.				

Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application
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