

ZR54KSE-TFD



HFC, R-407C, Mid Point, 50 Hz, 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	45/117
RG(°F)/Liq(°F)	65/115	65/102
Capacity (Btu/hr):	45600	50000
Power (Watts):	4190	3500
Current (Amps):	7.4	6.5
EER (Btu/Wh):	10.9	14.3
Mass Flow (lbs/hr):	675.0	690.0
Sound Power(dBA):	69 Ave	74 Max
Vibration (mils(peak-peak)):	2.0 Ave	3.0 Max
Record Date:	2006-12-21	

Mechanical

Number of Cylinders:	0	Displ (in ³ /Rev):	4.46
Bore Size (in):	0.0	Displ (ft ³ /hr):	449.0952
Stroke (in):	0.0		
Overall Length (in):	9.565	Mounting Length (in):	7.5
Overall Width (in):	9.565	Mounting Width(in):	7.5
Overall Height (in):	16.945	Mounting Height (in):	17.175*
Suction Size (in):		7/8 Stub	
Discharge Size (in):		1/2 Stub	
Initial Oil Charge (oz):		42	
Oil Recharge (oz):		34	
Net Weight (lbs):		66.0	
Internal Free Volume (in ³):			
HorsePower		4.5	
* Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	56.0	MCC (Amps):	14.0	UL File No.:	
LRA-Half Winding:		RPM:	2900	UL File Date:	
LRA-Low*:		Max Operating Current:	11.0	CSA File No.:	
RLA(=MCC/1.4; use for contactor selection):	10				
RLA (=MCC/1.56; use for breaker & wire size selection):	9				
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					

Alternate Applications

Refrigerant	Frequency(Hz)	Phase	Voltage	Application
R-407C HFC	60	3	460	Air Conditioning