

ZPD54K5E-TFD

HFC, R-410A, 60 Hz, 3 -phase, 460 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

Evap(°F)/Cond(°F)	45 / 130	45 / 100
RG(°F)/Liq(°F)	65.0 / 115.0	65.0 / 85.0
Capacity (Btu/hr)	54500	66900
Power (Watts):	5080	3400
Current (Amps):	7.60	5.60
EER (Btu/Wh):	10.70	19.70
Mass Flow (lbs/hr):	804	827
Sound Data @		
Sound Power (dBA):	78 Avg	83 Max
Vibration (mils(peak-peak)):	2.0 Avg	3.0 Max
Record Date:	2008-08-08	

Mechanical

Number of Cylinders:	0	Displ(in ³ /Rev):	3.12
Bore Size(in):	0.00	Displ(ft ³ /hr):	379.17
Stroke(in):	0.00		
Overall Length (in):	9.26	Mounting Length (in):	7.50
Overall Width (in):	9.26	Mounting Width (in):	7.50
Overall Height (in):	18.39	Mounting Height (in):	19.14 *
Suction Size (in):		25/32 Stub	
Discharge Size (in):		1/2	
Oil Recharge (oz):		38	
Initial Oil Charge (oz):		42	
Net Weight (lbs):		76.6	
Internal Free Volume (in ³):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	62.0	MCC (Amps):	12.6	UL File No:
LRA-Half Winding:		RPM:	3500	UL File Date:
LRA Low*:		Max Operating Current:	10.0	
RLA(=MCC/1.4;use for contactor selection):		9		
RLA(=MCC/1.56;use for breaker & wire size selection):		8.1		
*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
R-410A HFC	50	3	380/420	Air Conditioning
R-410A HFC	50	3	380/420	A/C, 50% Load Of Compressor
R-410A HFC	60	3	460	A/C, 50% Load Of Compressor