RFT42C1E-PFA

HFC, R-404A, 60Hz, 1- Phase, 115 V
Low Temperature

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)	-10 / 120	-25 / 105
RG(°F)/Liq(°F)	40 / 120	40 / 105
Capacity (Btu/hr)	4110	3250
Power (Watts):	1175	917
Current (Amps):	10.65	8.45
EER (Btu/Wh):	3.50	3.55
Mass Flow (lbs/hr):	93	64
Sound Power (dBA):	64 Avg	68 Max
Vibration (mils(peak-		
Record Date:	2010-08-05	

Mechanical

Number of Cylinders:	1	Displ(in^3/Rev):	1.70
Bore Size(in):	1.50	Displ(ft^3/hr):	206.38
Stroke(in):	0.96		
Overall Length (in):	10.30	Mounting Length (in):	8.00
Overall Width (in):	7.10	Mounting Width (in):	4.80
Overall Height (in):	9.83	Mounting Height (in):	10.33 *

Suction Size (in):	3/8 Stub
Discharge Size (in):	1/4 Stub
Oil Recharge (oz):	20
Initial Oil Charge (oz):	22
Net Weight (lbs):	38.6
Internal Free Volume (in^3):	
Horse Power:	

*Overall compressor height on Copeland Brand Product's specified mounting grommets.

Electrical

LRA-High*:	81.0	MCC (Amps):	21.7	UL File No:	SA-2337
LRA-Half Winding:		RPM:	0	UL File Date:	04-Oct-1979
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):		15.5			
RLA(=MCC/1.56;use for breaker & wire size		13.9			

*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.

Type	Part No	Low MFD	High MFD	Volts	User Description
Start Capacitor	014-0006-18	340.0	408.0	250	
Run Capacitor	014-0064-38	85.0	0.0	440	

Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application

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