

RFT42C1E-PFV

HFO, R-449A, 60 Hz, 1 - Phase, 208/230 V

Low Temperature

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

Performance			Mechanical		
Evaporator Temp. (°F)	-10.00	-25	Displacement (in ³ /Rev):	1.70	
Condensing Temp. (°F)	120.00	105	Displacement (ft ³ /Hr):		
Return Gas Temp. (°F)	40.00	40	Overall Length (in):	10.30	
Liquid Temp. (°F)	120.00	105	Overall Width (in):	7.10	
Capacity (BTU/hr)	3870	2850	Overall Height (in):	9.80	
Power (W):	1045	810	Mounting Length (in):	8.00	
Current (Amps):	4.8	3.8	Mounting Width (in):	4.80	
EER(BTU/Wh):	3.7	3.5	Mounting Height (in):	10.40	
Mass Flow (lbs/hr):	62.6	41.5	Suction Size (in),Type:	3 / 8 Stub	
Sound Data @			Discharge Size (in),Type:	1 / 4 Stub	
Sound Power (dBA):	0 Avg	0 Max	Initial Oil Charge (oz):	22	
Vibration mils(peak-peak):	0.0 Avg	0.0 Max	Oil Recharge (oz):	20	
Record Date:	2016-02-04		Oil Type:	POE	
			Net Weight (lbs):	39.7	
			Internal Free Volume (in ³):		
			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):	45.0	No data available in table				
LRA Low*(Amps):						
LRA Half Winding (Amps):						
MCC (Amps):	11.2					
Max Operating Current (Amps):						
RLA, MCC/1.4(use for contactor selection)(Amps):	8.0					
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	7.2					
RPM:	3500					
Box IP :						
UL File No:						
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
R-404A HFC	208/230	1	60	Low Temperature
R-448A HFO	208/230	1	60	Low Temperature