

# RFT42C1E-PFA

HFC, R-404A, 60 Hz, 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

Evaporator Temp. (°F)	-10	-25
Condensing Temp. (°F)	120	105
Return Gas Temp. (°F)	40	40
Liquid Temp. (°F)	120	105
Capacity (Btu/hr)	4110	3250
Power (W):	1175	917
Current (Amps):	10.65	8.45
EER (Btu/Wh):	3.50	3.55
Mass Flow (lbs/hr):	93	64
Sound Data @		
Sound Power (dBA):	0 Avg	0 Max
Vibration mils(peak-peak):	0.0 Avg	0.0 Max
Record Date:	2010-08-05	

## Electrical

LRA-High*(Amp):	81.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	21.7
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	15.5
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	13.9
RPM:	
UL File No:	SA-2337
UL File Date:	1979-10-04
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.	

## Mechanical

Displacment(in^3/Rev):	1.70
Displacment(ft^3/hr):	206.38
Overall Length (in):	10.30
Overall Width (in):	7.10
Overall Height (in):	9.83
Mounting Length (in):	8.00
Mounting Width (in):	4.80
Mounting Height (in):	10.33 *
Suction Size (in),Type:	3/8 Stub
Discharge Size (in),Type:	1/4 Stub
Initial Oil Charge (oz):	22
Oil Recharge (oz):	20
Net Weight (lbs):	38.0
Internal Free Volume (in^3):	
Horse Power:	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

## Capacitors

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	Voltage	Phase	Freq (Hz)	Application
R-448A HFO	115	1	60	Low Temperature
R-449A HFO	115	1	60	Low Temperature