

RST80C1E-PFA

HFO, R-448A, 60 Hz, 1 -Phase, 115 V

Medium 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)	20	0
Condensing Temp. (°F)	120	110
Return Gas Temp. (°F)	40	40
Liquid Temp. (°F)	120	110
Capacity (Btu/hr)	8280	5630
Power (W):	1260	1000
Current (Amps):	11.30	9.20
EER (Btu/Wh):	6.55	5.60
Mass Flow (lbs/hr):	138	86
<u>Sound Data @</u>		
Sound Power (dBA):	0 Avg	0 Max
Vibration mils(peak-peak):	0.0 Avg	0.0 Max
Record Date:	2016-02-08	

Mechanical

Displacement(in ³ /Rev):	1.45
Displacement(ft ³ /hr):	176.10
Overall Length (in):	10.30
Overall Width (in):	6.93
Overall Height (in):	9.84
Mounting Length (in):	8.00
Mounting Width (in):	4.80
Mounting Height (in):	10.43 *
Suction Size (in),Type:	1/2 Stub
Discharge Size (in),Type:	3/8 Stub
Initial Oil Charge (oz):	22
Oil Recharge (oz):	20
Net Weight (lbs):	39.0
Internal Free Volume (in ³):	
Horse Power:	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Electrical

LRA-High*(Amp):	81.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	25.5
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	18.2
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	16.3
RPM:	
UL File No:	
UL File Date:	
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.	

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-404A HFC	115	1	60	Extended Medium Temp
R-449A HFO	115	1	60	Medium Temperature