

RST70C1E-PFV

HFC, R-407C, 60 Hz, 1 -Phase, 208/230 V

High Temp



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)	45	20
Condensing Temp. (°F)	130	120
Return Gas Temp. (°F)	65	65
Liquid Temp. (°F)	130	120
Capacity (Btu/hr)	11200	6950
Power (W):	1300	1040
Current (Amps):	6.50	5.50
EER (Btu/Wh):	8.70	6.70
Mass Flow (lbs/hr):	179	100
Sound Data @		
Sound Power (dBA):	73 Avg	77 Max
Vibration mils(peak-peak):	0.0 Avg	0.0 Max
Record Date:	2012-01-09	

Electrical

LRA-High*(Amp):	46.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	10.8
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	7.7
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	6.9
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.	

Mechanical

Displacment(in ³ /Rev):	1.25
Displacment(ft ³ /hr):	151.75
Overall Length (in):	10.30
Overall Width (in):	7.10
Overall Height (in):	9.80
Mounting Length (in):	8.00
Mounting Width (in):	4.80
Mounting Height (in):	10.40 *
Suction Size (in),Type:	3/8 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.	

Capacitors

Type	Part No	Low MFD	High MFD	Volts	User Description
Start Capacitor	014-0061-29	108.0	130.0	330	
Run Capacitor	014-0064-11	25.0	0.0	440	

Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
R-404A HFC	208/230	1	60	Extended Medium Temp
R-448A HFO	208/230	1	60	Medium Temperature
R-449A HFO	208/230	1	60	Medium Temperature