

RST70C1E-PFV

HFC, R-404A, 60Hz, 1- Phase, 208/230 V

Extended Medium Temp



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)	20 / 120	-10 / 120
RG(°F)/Liq(°F)	40 / 120	40 / 120
Capacity (Btu/hr)	7150	3200
Power (Watts):	1200	876
Current (Amps):	6.10	5.00
EER (Btu/Wh):	5.95	3.65
Mass Flow (lbs/hr):	170	73
Sound Power (dBA):	73 Avg	77 Max
Vibration (mils(peak- Record Date:	0.0 Avg	0.0 Max
	2013-01-24	

Mechanical

Number of Cylinders:	1	Displ(in ³ /Rev):	1.25
Bore Size(in):	1.46	Displ(ft ³ /hr):	151.75
Stroke(in):	0.75		
Overall Length (in):	10.30	Mounting Length (in):	8.00
Overall Width (in):	7.10	Mounting Width (in):	4.80
Overall Height (in):	9.80	Mounting Height (in):	10.40 *
Suction Size (in):		3/8 Stub	
Discharge Size (in):		3/8 Stub	
Oil Recharge (oz):		20	
Initial Oil Charge (oz):		22	
Net Weight (lbs):		39.2	
Internal Free Volume (in ³):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	46.0	MCC (Amps):	10.8	UL File No:	SA-2337
LRA-Half Winding:		RPM:	0	UL File Date:	23-Jun-1972
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):		7.7			
RLA(=MCC/1.56;use for breaker & wire size		6.9			
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					

Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application
R-407C HFC	60	1	208/230	High Temperature