

RRT81C1E-PFV

HFC, R-134a, 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)	9130	5320
Power (W):	1015	742
Current (Amps):	4.35	3.25
EER (Btu/Wh):	9.00	7.15
Mass Flow (lbs/hr):	159	85
<u>Sound Data @</u>		
Sound Power (dBA):	0 Avg	0 Max
Vibration mils(peak-peak):	0.0 Avg	0.0 Max
Record Date:	2011-05-02	

Electrical

LRA-High*(Amp):	35.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	9.1
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	6.5
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	5.8
RPM:	
UL File No:	SA-2337
UL File Date:	2009-02-05
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.	

Mechanical

Displacment(in^3/Rev):	1.45
Displacment(ft^3/hr):	176.10
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:	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.	

Capacitors

Type	Part No	Low MFD	High MFD	Volts	User Description
Start Capacitor	014-0061-27	88.0	106.0	330	
Run Capacitor	014-0064-10	20.0	0.0	440	

Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
R-450A HFO	208/230	1	60	High Temp
R-513A HFO	208/230	1	60	High Temp