

RRT81C1E-PFV

HFO, R-450A, 60 Hz, 1 - Phase, 208/230 V

High Temp

Production Status: Available for sale to all U.S. customers. Please check with your local Copeland Representative for international availability.

Performance			Mechanical	
Evaporator Temp. (°F)	45.00	20	Displacement (in ³ /Rev):	1.45
Condensing Temp. (°F)	130.00	120	Displacement (ft ³ /Hr):	
Return Gas Temp. (°F)	65.00	65	Overall Length (in):	10.30
Liquid Temp. (°F)	130.00	120	Overall Width (in):	7.10
Capacity (BTU/hr)	8120	4730	Overall Height (in):	9.80
Power (W):	923	675	Mounting Length (in):	8.00
Current (Amps):	4.15	3.1	Mounting Width (in):	4.80
EER(BTU/Wh):	8.8	7	Mounting Height (in):	10.40
Mass Flow (lbs/hr):	148.5	79.5	Suction Size (in),Type:	1 / 2 Stub
Sound Data @			Discharge Size (in),Type:	3 / 8 Stub
Sound Power (dBA):	0 Avg	0 Max	Initial Oil Charge (oz):	22
Vibration mils(peak-peak):	0.0 Avg	0.0 Max	Oil Recharge (oz):	20
Record Date:	2017-06-29		Oil Type:	POE
			Net Weight (lbs):	39.2
			Internal Free Volume (in ³):	
			Horse Power:	
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Electrical		Capacitors				
LRA High* (Amps):	35.0	Type	Part No	Low MFD	High MFD	Volts User Description
LRA Low*(Amps):		No data available in table				
LRA Half Winding (Amps):						
MCC (Amps):	9.1					
Max Operating Current (Amps):						
RLA, MCC/1.4(use for contactor selection)(Amps):	6.5					
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	5.8					
RPM:	3500					
Box IP :						
UL File No:						
UL File Date:						

*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.

Alternate Applications

Refrigerant	Voltage	Phase	Frequency	Application
R-134a HFC	208/230	1	60	High Temp
R-513A HFO	208/230	1	60	High Temp