

# RST10K1E-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

Evap(°F)/Cond(°F)	45 / 130	20 / 120
RG(°F)/Liq(°F)	65.0 / 130.0	65.0 / 120.0
Capacity (Btu/hr)	15900	9840
Power (W):	1780	1430
Current (Amps):	8.40	7.10
EER (Btu/Wh):	8.90	6.90
Mass Flow (lbs/hr):	254	142
Sound Power (dBA):	73 Avg	75 Max
Vibration mils(peak-)	0.0 Avg	0.0 Max
Record Date:	2012-02-16	

## Mechanical

Number of Cylinders:	1	Displacment(in <sup>3</sup> /Rev):	1.70
Bore Size(in):	1.50	Displacment(ft <sup>3</sup> /hr):	206.38
Stroke(in):	0.96		
Overall Length (in):	10.30	Mounting Length (in):	8.00
Overall Width (in):	7.10	Mounting Width (in):	4.00
Overall Height (in):	9.80	Mounting Height (in):	10.40 *
Suction Size (in),Type:	1/2 Stub		
Discharge Size (in),Type:	3/8 Stub		
Oil Recharge (oz):	20		
Initial Oil Charge (oz):	22		
Net Weight (lbs):	39		
Internal Free Volume (in <sup>3</sup> ):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

## Electrical

LRA-High*(Amp):	51.0	MCC (Amps):	14.7	UL File No:	
LRA-Half Winding		RPM:		UL File Date:	
LRA Low* (Amp):		Max Operating Current			
RLA, MCC/1.4;use for contactor selection (Amp):		10.5			
RLA, MCC/1.56;use for breaker & wire size selection		9.4			
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					
<u>Type</u>	<u>Part No</u>	<u>Low MFD</u>	<u>High MFD</u>	<u>Volts</u>	<u>User Description</u>
Start Capacitor	014-0061-29	108.0	130.0	330	
Run Capacitor	014-0064-12	30.0	0.0	440	

## Alternate Applications

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