

# RS86C2E-PFV

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



**Production Status:** This model is obsolete and is no longer in production for both OEM and service replacement. Please contact Customer Service about possible replacement models.

## Performance

Evap(°F)/Cond(°F)	20 / 120	-10 / 120
RG(°F)/Liq(°F)	40.0 / 120.0	40.0 / 120.0
Capacity (Btu/hr)	8780	3930
Power (Watts):	1760	1210
Current (Amps):	7.80	5.40
EER (Btu/Wh):	5.00	3.30
Mass Flow (lbs/hr):	211	90
Sound Power (dBA):	0 Avg	0 Max
Vibration (mils(peak-peak)):	0.0 Avg	0.0 Max
Record Date:	1999-12-17	

## Mechanical

Number of Cylinders:	1	Displ(in <sup>3</sup> /Rev):	1.73
Bore Size(in):	1.56	Displ(ft <sup>3</sup> /hr):	209.58
Stroke(in):	0.90		
Overall Length (in):	11.12	Mounting Length (in):	8.00
Overall Width (in):	6.62	Mounting Width (in):	4.81
Overall Height (in):	11.25	Mounting Height (in):	11.50 *
Suction Size (in):		1/2 Stub	
Discharge Size (in):		3/8 Stub	
Oil Recharge (oz):		20	
Initial Oil Charge (oz):		24	
Net Weight (lbs):		51	
Internal Free Volume (in <sup>3</sup> ):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

## Electrical

LRA-High*:	43.3	MCC (Amps):	13.7	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	23-Jun-1972
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):		9.8			
RLA(=MCC/1.56;use for breaker & wire size selection):		8.8			
*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-404A HFC	50	1	200	