

RS97C2E-TFC

HFC, R-404A, 60Hz, 3- 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Production Status: This model is obsolete and is no longer in production for both OEM and service replacement.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)	9120	3640
Power (Watts):	1810	1160
Current (Amps):	5.50	4.10
EER (Btu/Wh):	5.10	3.10
Mass Flow (lbs/hr):	219	83
Sound Power (dBA):	0 Avg	0 Max
Vibration (mils(peak-peak)):	0.0 Avg	0.0 Max
Record Date:	2004-09-09	

Mechanical

Number of Cylinders:	1	Displ(in ³ /Rev):	2.02
Bore Size(in):	1.69	Displ(ft ³ /hr):	245.34
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):		48	
Internal Free Volume (in ³):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	35.0	MCC (Amps):	9.8	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):		7			
RLA(=MCC/1.56;use for breaker & wire size selection):		6.3			
*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	3	200/220	