

RST45C1E-IAA

HFO, R-449A, 60 Hz, 1 - Phase, 115 V

Medium Temperature

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)	20.00	0	Displacement (in ³ /Rev):	.89
Condensing Temp. (°F)	120.00	110	Displacement (ft ³ /Hr):	
Return Gas Temp. (°F)	40.00	40	Overall Length (in):	10.30
Liquid Temp. (°F)	120.00	110	Overall Width (in):	7.10
Capacity (BTU/hr)	4140	2660	Overall Height (in):	8.69
Power (W):	784	597	Mounting Length (in):	8.00
Current (Amps):	9.35	8	Mounting Width (in):	4.80
EER(BTU/Wh):	5.3	4.45	Mounting Height (in):	9.31
Mass Flow (lbs/hr):	69.1	40.6	Suction Size (in),Type:	3 / 8 Stub
Sound Data @			Discharge Size (in),Type:	1 / 4 Stub
Sound Power (dBA):	0 Avg	0 Max	Initial Oil Charge (oz):	15
Vibration mils(peak-peak):	0.0 Avg	0.0 Max	Oil Recharge (oz):	13
Record Date:	2016-02-08		Oil Type:	POE
			Net Weight (lbs):	37.2
			Internal Free Volume (in ³):	
			Horse Power:	
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Electrical		Capacitors				
LRA High* (Amps):	54.5	Type	Part No	Low MFD	High MFD	Volts User Description
LRA Low*(Amps):		No data available in table				
LRA Half Winding (Amps):						
MCC (Amps):	14.7					
Max Operating Current (Amps):						
RLA, MCC/1.4(use for contactor selection)(Amps):	10.5					
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	9.4					
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-404A HFC	115	1	60	Extended Medium Temp
R-407C HFC	115	1	60	High Temp
R-448A HFO	115	1	60	Medium Temperature