

RST45C1E-IAV

HFO, R-449A, 60 Hz, 1 - Phase, 208/230 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)	4080	2610	Overall Height (in):	8.70
Power (W):	786	590	Mounting Length (in):	8.00
Current (Amps):	4.75	3.7	Mounting Width (in):	4.80
EER(BTU/Wh):	5.2	4.45	Mounting Height (in):	9.30
Mass Flow (lbs/hr):	67.5	39.7	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					
		Type	Part No	Low MFD	High MFD	Volts	User Description
LRA High* (Amps):	26.5	No data available in table					
LRA Low*(Amps):							
LRA Half Winding (Amps):							
MCC (Amps):	7.4						
Max Operating Current (Amps):							
RLA, MCC/1.4(use for contactor selection)(Amps):	5.3						
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	4.7						
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	208/230	1	60	Extended Medium Temp
R-407C HFC	208/230	1	60	High Temp
R-448A HFO	208/230	1	60	Medium Temperature