

RFT29C1E-CAA

HFC, R-404A, 60Hz, 1- Phase, 115 V

Low Temperature



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)	<u>-10 / 120</u>	<u>-25 / 105</u>
RG(°F)/Liq(°F)	<u>40 / 120</u>	<u>40 / 105</u>
Capacity (Btu/hr)	3000	2340
Power (Watts):	863	665
Current (Amps):	8.30	6.70
EER (Btu/Wh):	3.40	3.60
Mass Flow (lbs/hr):	69	46
Sound Power (dBA):	62 Avg	0 Max
Vibration (mils(peak- Record Date:	2.4 Avg	0.0 Max
	2007-10-11	

Mechanical

Number of Cylinders:	1	Displ(in ³ /Rev):	1.25
Bore Size(in):	1.46	Displ(ft ³ /hr):	151.76
Stroke(in):	0.75		
Overall Length (in):	10.30	Mounting Length (in):	8.00
Overall Width (in):	7.10	Mounting Width (in):	4.80
Overall Height (in):	8.70	Mounting Height (in):	9.30 *
Suction Size (in):		3/8 Stub	
Discharge Size (in):		1/4 Stub	
Oil Recharge (oz):		13	
Initial Oil Charge (oz):		15	
Net Weight (lbs):		38.4	
Internal Free Volume (in ³):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	66.0	MCC (Amps):	18.2	UL File No:	SA-2337
LRA-Half Winding:		RPM:		UL File Date:	04-Oct-1979
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):		13			
RLA(=MCC/1.56;use for breaker & wire size)		11.7			
*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	100	