KATA-015E-TAC

HFC, R-404A, 60Hz, 3- Phase, 208/230 V
Extra-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)	-25 / 105	-40 / 105
RG(°F)/Liq(°F)	65.0 / 105.0	65.0 / 105.0
Capacity (Btu/hr)	6730	4420
Power (Watts):	1620	1260
Current (Amps):	5.30	4.50
EER (Btu/Wh):	4.20	3.50
Mass Flow (lbs/hr):	120	78
Sound Power (dBA):		
Vibration (mils(peak-peak)):		4.76 Max
Record Date:	2001-08-07	

Mechanical

Number of Cylinders:	2	Displ(in^3/Rev):	6.38
Bore Size(in):	1.88	Displ(ft^3/hr):	387.89
Stroke(in):	1.16		
Overall Length (in):	14.38	Mounting Length (in):	8.19
Overall Width (in):	9.50	Mounting Width (in):	6.38
Overall Height (in):	10.44	Mounting Height (in):	11.19 *

Suction Size (in):	7/8 Sweat
Discharge Size (in):	1/2 Flare
Oil Recharge (oz):	20
Initial Oil Charge (oz):	22
Net Weight (lbs):	93
Internal Free Volume (in^3):	
Horse Power:	

*Overall compressor height on Copeland Brand Product's specified mounting grommets.

Electrical

LRA-High*:	35.5	MCC (Amps):	7.0	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	23-Jul-1984
LRA Low*:		Max Operating Current:			

RLA(=MCC/1.4;use for contactor selection): 5

RLA(=MCC/1.56;use for breaker & wire size selection): 4.5

*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-12 CFC	50	3	200/220	Medium Temperature
R-134a HFC	50	3	200/220	
R-404A HFC	50	3	200/220	
R-507 HFC	50	3	200/220	UL Low Temp
R-448A HFO	50	3	200/220	
R-449A HFO	50	3	200/220	
R-12 CFC	60	3	208/230	Medium Temperature
R-134a HFC	60	3	208/230	
R-507 HFC	60	3	208/230	Extra-Low Temperature
R-448A HFO	60	3	208/230	

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Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application
R-449A HFO	60	3	208/230	

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