

KATA-015A-TAD

CFC, R-12, 60 Hz, 3 -Phase, 460 V
Medium Temperature



Production Status: This compressor and/or application of this compressor is not available to U.S. OEM customers. A field replacement is currently available through a U.S. Emerson Climate Technologies Wholesaler. Please check with your local Emerson Climate Technologies Representative for international availability.

Performance

Evaporator Temp. (°F)	20	0
Condensing Temp. (°F)	120	110
Return Gas Temp. (°F)	65	65
Liquid Temp. (°F)	120	110
Capacity (Btu/hr)	11500	7640
Power (W):	1630	1280
Current (Amps):	3.10	2.50
EER (Btu/Wh):	7.10	6.00
Mass Flow (lbs/hr):	230	144
<u>Sound Data @</u>		
Sound Power (dBA):		
Vibration mils(peak-peak):		4.8 Max
Record Date:	2006-10-16	

Mechanical

Displacement(in ³ /Rev):	6.38
Displacement(ft ³ /hr):	387.89
Overall Length (in):	14.38
Overall Width (in):	9.50
Overall Height (in):	10.44
Mounting Length (in):	8.19
Mounting Width (in):	6.38
Mounting Height (in):	11.19 *
Suction Size (in),Type:	7/8 Sweat
Discharge Size (in),Type:	1/2 Flare
Initial Oil Charge (oz):	22
Oil Recharge (oz):	20
Net Weight (lbs):	88.0
Internal Free Volume (in ³):	
Horse Power:	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Electrical

LRA-High*(Amp):	18.2
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	4.0
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	2.9
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	2.6
RPM:	
UL File No:	
UL File Date:	1984-07-23
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.	

Capacitors

Alternate Applications

<u>Refrigerant</u>	<u>Voltage</u>	<u>Phase</u>	<u>Freq (Hz)</u>	<u>Application</u>
R-12 CFC	380/400	3	50	Medium Temperature