

KWK1-0100-TAD

CFC, R-12, 60Hz, 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

Evap(°F)/Cond(°F)	20 / 120	0 / 110
RG(°F)/Liq(°F)	65.0 / 120.0	65.0 / 110.0
Capacity (Btu/hr)	7520	5060
Power (Watts):	1040	818
Current (Amps):	1.60	1.30
EER (Btu/Wh):	7.20	6.20
Mass Flow (lbs/hr):	150	95
Sound Power (dBA):		
Vibration (mils(peak-peak)):		4.76 Max
Record Date:	2006-08-03	

Mechanical

Number of Cylinders:	2	Displ(in ³ /Rev):	4.20
Bore Size(in):	1.69	Displ(ft ³ /hr):	255.09
Stroke(in):	0.94		
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):		5/8 Flare	
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*:	15.0	MCC (Amps):	2.7	UL File No:	
LRA-Half Winding:		RPM:	3500	UL File Date:	23-Jul-1984
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):		1.9			
RLA(=MCC/1.56;use for breaker & wire size selection):		1.7			
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					

Alternate Applications

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