KAKA-020A-TAD

HCFC, R-22, 60 Hz, 3 - Phase, 460 V , Also Available with Variable Frequency Drives

Medium Temperature

Production Status: This model is obsolete and is no longer in production for both OEM and service replacement. Please contact Customer Service about possible replacement models.

Performance

Evaporator Temp. (°F)	20.00	0
Condensing Temp. (°F)	120.00	110
Return Gas Temp. (°F)	65.00	50
Liquid Temp. (°F)	120.00	95
Capacity (BTU/hr)	13800	8010
Power (W):	1790	1400
Current (Amps):	3.1	2.7
EER(BTU/Wh):	7.7	5.7
Mass Flow (lbs/hr):	202	110
Sound Data @		
Sound Power (dBA):	Avg	Max
Vibration mils(peak-peak):		4.8 Max
Record Date:	2007-02-12	

Mechanical

Displacement (in^3/Rev):	4.20
Displacement (ft^3/Hr):	
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
Oil Type:	ABO
Net Weight (lbs):	88.1
Internal Free Volume (in^3):	
Horse Power:	

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

Electrical

LRA High* (Amps):	25.0
LRA Low*(Amps):	
LRA Half Winding (Amps):	
MCC (Amps):	4.2
Max Operating Current (Amps):	
RLA, MCC/1.4(use for contactor selection)(Amps):	3.0
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	2.7
RPM:	
Box IP :	
UL File No:	SA-2337
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

Type	Part No	Low MFD	High MFD	Volts	User Description
No data available in table					

Alternate Applications

Refrigerant	Voltage	Phase	Frequency	Application
R-22 HCFC	460	3	60	High Temp
R-22 HCFC	380/420	3	50	High Temp
R-22 HCFC	380/420	3	50	Medium Temperature