

4RA3-100A-TSK

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

Medium Temperature



Production Status: Non U.S. model with restricted sales - Contact your Emerson Climate Technologies Representative.

Performance

Evap(°F)/Cond(°F)	20 / 120	0 / 110
RG(°F)/Liq(°F)	65.0 / 120.0	65.0 / 110.0
Capacity (Btu/hr)	68000	45100
Power (Watts):	9000	6950
Current (Amps):	15.80	13.20
EER (Btu/Wh):	7.50	6.50
Mass Flow (lbs/hr):	1350	850
Sound Power (dBA):		
Vibration (mils(peak-peak)):		
Record Date:	2006-09-18	

Mechanical

Number of Cylinders:	4	Displ(in ³ /Rev):	39.27
Bore Size(in):	2.50	Displ(ft ³ /hr):	2386.12
Stroke(in):	2.00		
Overall Length (in):	24.63	Mounting Length (in):	15.00
Overall Width (in):	18.56	Mounting Width (in):	12.00
Overall Height (in):	16.97	Mounting Height (in):	18.16 *
Suction Size (in):		1 5/8 Sweat	
Discharge Size (in):		1 1/8 Sweat	
Oil Recharge (oz):		125	
Initial Oil Charge (oz):		135	
Net Weight (lbs):		415	
Internal Free Volume (in ³):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	120.0	MCC (Amps):	38.4	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	07-Apr-1971
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):		27.4			
RLA(=MCC/1.56;use for breaker & wire size selection):		24.6			
*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	
R-502 CFC	50	3	200	
R-12 CFC	50	3	400	
R-502 CFC	50	3	400	
R-12 CFC	60	3	460	
R-502 CFC	60	3	460	
R-12 CFC	60	3	208/230	
R-502 CFC	60	3	208/230	
R-12 CFC	50	3	200	UL Medium Temp
R-12 CFC	50	3	400	UL Medium Temp

Alternate Applications

<u>Refrigerant</u>	<u>Freq (Hz)</u>	<u>Phase</u>	<u>Voltage</u>	<u>Application</u>
R-12 CFC	60	3	208/230	Medium Temperature
R-12 CFC	50	3	200	UL High Temp
R-12 CFC	50	3	400	UL High Temp
R-12 CFC	60	3	460	High Temp
R-12 CFC	60	3	208/230	High Temp