

3DA3F18K0-TFC

CFC, R-12, 60Hz, 3- Phase, 208/230 V

Low 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Production Status: This model is obsolete and is no longer in production for both OEM and service replacement.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

Evap(°F)/Cond(°F)	-25 / 105	-40 / 105
RG(°F)/Liq(°F)	65.0 / 105.0	65.0 / 105.0
Capacity (Btu/hr)	14300	8010
Power (Watts):	2940	2130
Current (Amps):	11.55	10.05
EER (Btu/Wh):	4.90	3.80
Mass Flow (lbs/hr):	261	145
Sound Power (dBA):		
Vibration (mils(peak-peak)):		3.25 Max
Record Date:	2007-08-01	

Mechanical

Number of Cylinders:	3	Displ(in ³ /Rev):	22.56
Bore Size(in):	2.19	Displ(ft ³ /hr):	1370.78
Stroke(in):	2.00		
Overall Length (in):	25.81	Mounting Length (in):	15.00
Overall Width (in):	15.06	Mounting Width (in):	12.00
Overall Height (in):	18.03	Mounting Height (in):	19.06 *
Suction Size (in):		1 3/8 Sweat	
Discharge Size (in):		7/8 Sweat	
Oil Recharge (oz):		115	
Initial Oil Charge (oz):		125	
Net Weight (lbs):		385	
Internal Free Volume (in ³):			
Horse Power:		3.5	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	115.0	MCC (Amps):	24.0	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	26-Jul-1985
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):			17.1		
RLA(=MCC/1.56;use for breaker & wire size selection):			15.4		
*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	
R-12 CFC	50	3	200/220	
R-12 CFC	60	3	208/230	