

4DA3R12ME-TSK



CFC, R-502, Mid Point, 60 Hz, 3 - Phase, 460 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Production Status: This model is obsolete and is no longer in production for both OEM and service replacement.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)	65/105	65/105
Capacity (Btu/hr):	48000	29100
Power (Watts):	8700	6550
Current (Amps):	14.3	11.9
EER (Btu/Wh):	5.5	4.5
Mass Flow (lbs/hr):	960.0	575.0
Sound Power(dBA):	0 Ave 0 Max	
Vibration (mils(peak-peak)):	0.0 Ave 0.0 Max	

Mechanical

Number of Cylinders:	4	Displ (in ³ /Rev):	39.27
Bore Size (in):	2.5	Displ (ft ³ /hr):	2386.125
Stroke (in):	2.0		
Overall Length (in):	25.41	Mounting Length (in):	15.0
Overall Width (in):	20.19	Mounting Width(in):	12.0
Overall Height (in):	17.66	Mounting Height (in):	18.84*
Suction Size (in):	1 5/8	Sweat	
Discharge Size (in):	1 1/8	Sweat	
Initial Oil Charge (oz):	135		
Oil Recharge (oz):	125		
Net Weight (lbs):	461.0		
Internal Free Volume (in ³):			
HorsePower			
* Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	120.0	MCC (Amps):	29.4	UL File No.:	
LRA-Half Winding:		RPM:		UL File Date:	
LRA-Low*:		Max Operating Current:		CSA File No.:	
RLA(=MCC/1.4; use for contactor selection):	21				
RLA(=MCC/1.56; use for breaker & wire size selection):	18.8				
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					

Alternate Applications

Refrigerant	Frequency(Hz)	Phase	Voltage	Application
R-134a HFC	50	3	200	
R-134a HFC	50	3	200	
R-22 HCFC	50	3	200	
R-407A HFC	50	3	200	
R-502 CFC	50	3	200	
R-134a HFC	60	3	460	
R-134a HFC	60	3	460	
R-22 HCFC	60	3	460	
R-134a HFC	60	3	208/230	
R-134a HFC	60	3	208/230	
R-22 HCFC	60	3	208/230	
R-502 CFC	60	3	208/230	Low Temperature
R-134a HFC	50	3	380/400	
R-134a HFC	50	3	380/400	
R-22 HCFC	50	3	380/400	
R-407A HFC	50	3	380/400	
R-502 CFC	50	3	380/400	