

4DJNR28ME-TSK



HFC, R-404A, 60 Hz, 3 -phase, 208/230 V
 Medium Temp, Low Condensing

Production Status: Available for sale to all U.S. customers. 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)	186000	130000
Power (Watts):	24900	19300
Current (Amps):	39.30	32.80
EER (Btu/Wh):	7.50	6.80
Mass Flow (lbs/hr):	3900	2450
Sound Data @		
Sound Power (dBA):	0 Avg	0 Max
Vibration (mils(peak-peak)):	0.0 Avg	3.68 Max
Record Date:	2012-07-18	

Mechanical

Number of Cylinders:	4	Displ(in ³ /Rev):	61.52
Bore Size(in):	2.98	Displ(ft ³ /hr):	3737.87
Stroke(in):	2.20		
Overall Length (in):	27.03	Mounting Length (in):	15.00
Overall Width (in):	20.50	Mounting Width (in):	12.00
Overall Height (in):	17.81	Mounting Height (in):	19.00 *
Suction Size (in):	2 1/8 Sweat		
Discharge Size (in):	1 3/8 Sweat		
Oil Recharge (oz):	105		
Initial Oil Charge (oz):	115		
Net Weight (lbs):	450		
Internal Free Volume (in ³):			
Horse Power:	18		
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	470.0	MCC (Amps):	147.6	UL File No:
LRA-Half Winding:	292.0	RPM:	3500	UL File Date:
LRA Low*:		Max Operating Current:		
RLA(=MCC/1.4;use for contactor selection):		105.4		
RLA(=MCC/1.56;use for breaker & wire size selection):		94.6		
*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-404A HFC	50	3	200	Medium Temp, Low Condensing
R-404A HFC	50	3	200	Air Conditioning
R-404A HFC	60	3	460	Medium Temp, Low Condensing
R-404A HFC	60	3	460	Air Conditioning
R-404A HFC	60	3	208/230	Air Conditioning
R-404A HFC	50	3	380/400	Medium Temp, Low Condensing
R-404A HFC	50	3	380/400	Air Conditioning
R-507 HFC	50	3	200	Medium Temp, Low Condensing
R-507 HFC	50	3	200	Air Conditioning
R-507 HFC	60	3	460	Medium Temp, Low Condensing

Alternate Applications

<u>Refrigerant</u>	<u>Freq (Hz)</u>	<u>Phase</u>	<u>Voltage</u>	<u>Application</u>
R-507 HFC	60	3	460	Air Conditioning
R-507 HFC	60	3	208/230	Medium Temp, Low Condensing
R-507 HFC	60	3	208/230	Air Conditioning
R-507 HFC	50	3	380/400	Medium Temp, Low Condensing
R-507 HFC	50	3	380/400	Air Conditioning
R-22 HCFC	50	3	200	Air Conditioning
R-22 HCFC	50	3	200	Medium Temp, Low Condensing
R-22 HCFC	60	3	460	Air Conditioning
R-22 HCFC	60	3	460	Medium Temp, Low Condensing
R-22 HCFC	60	3	208/230	Air Conditioning
R-22 HCFC	60	3	208/230	Medium Temp, Low Condensing
R-22 HCFC	50	3	380/400	Air Conditioning
R-22 HCFC	50	3	380/400	Medium Temp, Low Condensing
R-407C HFC	50	3	200	Medium Temp, Low Condensing
R-407C HFC	50	3	200	Air Conditioning
R-407C HFC	60	3	460	Medium Temp, Low Condensing
R-407C HFC	60	3	460	Air Conditioning
R-407C HFC	60	3	208/230	Medium Temp, Low Condensing
R-407C HFC	60	3	208/230	Air Conditioning
R-407C HFC	50	3	380/400	Medium Temp, Low Condensing
R-407C HFC	50	3	380/400	Air Conditioning
R-407A HFC	50	3	200	Medium Temp, Low Condensing
R-407A HFC	50	3	200	Air Conditioning
R-407A HFC	60	3	460	Medium Temp, Low Condensing
R-407A HFC	60	3	460	Air Conditioning
R-407A HFC	60	3	208/230	Medium Temp, Low Condensing
R-407A HFC	60	3	208/230	Air Conditioning
R-407A HFC	50	3	380/400	Medium Temp, Low Condensing
R-407A HFC	50	3	380/400	Air Conditioning
R-407F HFC	50	3	200	Medium Temp, Low Condensing
R-407F HFC	50	3	200	Air Conditioning
R-407F HFC	60	3	460	Medium Temp, Low Condensing
R-407F HFC	60	3	460	Air Conditioning
R-407F HFC	60	3	208/230	Medium Temp, Low Condensing
R-407F HFC	60	3	208/230	Air Conditioning
R-407F HFC	50	3	380/400	Medium Temp, Low Condensing
R-407F HFC	50	3	380/400	Air Conditioning
R-448A HFO	50	3	200	Medium Temp, Low Condensing
R-448A HFO	60	3	460	Medium Temp, Low Condensing
R-448A HFO	60	3	208/230	Medium Temp, Low Condensing
R-448A HFO	50	3	380/400	Medium Temp, Low Condensing
R-449A HFO	60	3	460	Medium Temp, Low Condensing
R-449A HFO	60	3	208/230	Medium Temp, Low Condensing