

4DR3R28ME-TSK**New Model:****4DRNR28ME-TSK**

HCFC, R-22, 60Hz, 3- Phase, 460 V

Air Conditioning

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)	<u>45 / 130</u>	<u>35 / 105</u>
RG(°F)/Liq(°F)	<u>65 / 115</u>	<u>55 / 90</u>
Capacity (Btu/hr)	318000	308000
Power (Watts):	29100	22500
Current (Amps):	44.10	36.20
EER (Btu/Wh):	10.90	13.70
Mass Flow (lbs/hr):	4660	4100
Sound Power (dBA):	0 Avg	0 Max
Vibration (mils(peak-))	0.0 Avg	0.0 Max
Record Date:	2007-06-12	

Mechanical

Number of Cylinders:	4	Displ(in ³ /Rev):	59.33
Bore Size(in):	2.94	Displ(ft ³ /hr):	3605.24
Stroke(in):	2.19		
Overall Length (in):	27.03	Mounting Length (in):	15.00
Overall Width (in):	20.38	Mounting Width (in):	12.00
Overall Height (in):	17.91	Mounting Height (in):	19.19 *
Suction Size (in):	2 1/8 Sweat		
Discharge Size (in):	1 3/8 Sweat		
Oil Recharge (oz):	125		
Initial Oil Charge (oz):	135		
Net Weight (lbs):	450		
Internal Free Volume (in ³):			
Horse Power:	25		
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	235.0	MCC (Amps):	65.8	UL File No:	SA-2337
LRA-Half Winding:		RPM:		UL File Date:	07-Apr-1971
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):		47			
RLA(=MCC/1.56;use for breaker & wire size)		42.2			
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					

Alternate Applications

<u>Refrigerant</u>	<u>Freq (Hz)</u>	<u>Phase</u>	<u>Voltage</u>	<u>Application</u>
R-22 HCFC	50	3	200	Air Conditioning
R-22 HCFC	50	3	200	Medium Temp, Low Condensing
R-404A HFC	50	3	200	Air Conditioning
R-404A HFC	50	3	200	Medium Temp, Low Condensing
R-407A HFC	50	3	200	
R-407A HFC	50	3	200	Air Conditioning
R-407A HFC	50	3	200	Medium Temp, Low Condensing
R-407C HFC	50	3	200	
R-407C HFC	50	3	200	
R-407C HFC	50	3	200	Air Conditioning

Alternate Applications

<u>Refrigerant</u>	<u>Freq (Hz)</u>	<u>Phase</u>	<u>Voltage</u>	<u>Application</u>
R-407C HFC	50	3	200	Medium Temp, Low Condensing
R-407A HFC	60	3	460	Air Conditioning
R-407A HFC	60	3	460	Medium Temp, Low Condensing
R-407C HFC	60	3	460	Air Conditioning
R-407C HFC	60	3	460	Medium Temp, Low Condensing
R-507 HFC	50	3	200	Medium Temp, Low Condensing
R-22 HCFC	60	3	460	Medium Temp, Low Condensing
R-407C HFC	50	3	200	Medium Temp, Low Condensing
R-407C HFC	50	3	200	Air Conditioning
R-507 HFC	50	3	200	Air Conditioning
R-502 CFC	60	3	460	Medium Temperature
R-502 CFC	50	3	200	Medium Temperature
R-404A HFC	60	3	460	Air Conditioning
R-404A HFC	60	3	460	Medium Temp, Low Condensing
R-407C HFC	60	3	460	Medium Temp, Low Condensing
R-407C HFC	60	3	460	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	Air Conditioning
R-407A HFC	60	3	208/230	Medium Temp, Low Condensing
R-407C HFC	50	3	380/400	Air Conditioning
R-407C HFC	50	3	380/400	Medium Temp, Low Condensing
R-407C HFC	60	3	208/230	Air Conditioning
R-407C HFC	60	3	208/230	Medium Temp, Low Condensing
R-407C HFC	50	3	380/400	
R-407C HFC	50	3	380/400	
R-407A HFC	50	3	380/400	
R-407A HFC	50	3	380/400	
R-507 HFC	60	3	208/230	Medium Temp, Low Condensing
R-502 CFC	60	3	208/230	Medium Temperature
R-22 HCFC	60	3	208/230	Air Conditioning
R-22 HCFC	60	3	208/230	Medium Temp, Low Condensing
R-404A HFC	60	3	208/230	Air Conditioning
R-404A HFC	60	3	208/230	Medium Temp, Low Condensing
R-507 HFC	60	3	208/230	Air Conditioning
R-404A HFC	50	3	380/400	Air Conditioning
R-404A HFC	50	3	380/400	Medium Temp, Low Condensing
R-407A HFC	50	3	380/400	Air Conditioning
R-407A HFC	50	3	380/400	Medium Temp, Low Condensing
R-407C HFC	50	3	380/400	Air Conditioning
R-407C HFC	50	3	380/400	Medium Temp, Low Condensing
R-507 HFC	50	3	380/400	Air Conditioning
R-507 HFC	50	3	380/400	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	460	Medium Temp, Low Condensing
R-407A HFC	60	3	208/230	Air Conditioning
R-407C HFC	60	3	208/230	Medium Temp, Low Condensing
R-407C HFC	60	3	208/230	Air Conditioning
R-407A HFC	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-502 CFC	50	3	380/400	Medium Temperature