

4MTLS11ME-FSC

CO2, R-744, 60 Hz, 3- Phase, 208/230 V

Medium Temperature

Production Status: Available for sale to all U.S. customers. Please check with your local Emerson Climate Technologies Representative for international availability.

Performance

<u>Jasper_GasCooler</u>	<u>23 / 95</u>	<u>14 / 95</u>
<u>RG(°F)/Liq(°F)</u>	<u>41.0 / 95.0</u>	<u>32.0 / 32.0</u>
Capacity (Btu/hr)	125500	107500
Power (W):	18000	17450
Current (Amps):	58.25	56.75
EER (Btu/Wh):	6.97	6.16
Mass Flow (lbs/hr):	1955	1665
Sound Power (dBA):		
Vibration mils(peak-)		
Record Date:	2015-05-29	

Mechanical

Number of Cylinders:	4	Displacment(in ³ /Rev):	8.74
Bore Size(in):	1.58	Displacment(ft ³ /hr):	531.30
Stroke(in):	1.12		
Overall Length (in):	27.42	Mounting Length (in):	14.49
Overall Width (in):	18.36	Mounting Width (in):	10.08
Overall Height (in):	18.37	Mounting Height (in):	19.75 *
Suction Size (in),Type:		13/16 Stub	
Discharge Size (in),Type:		5/8 Stub	
Oil Recharge (oz):		58	
Initial Oil Charge (oz):		61	
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*(Amp):	374.0	MCC (Amps):	109.0	UL File No:
LRA-Half Winding		RPM:		UL File Date:
LRA Low* (Amp):		Max Operating Current		
RLA, MCC/1.4;use for contactor selection (Amp):		77.9		
RLA, MCC/1.56;use for breaker & wire size selection		69.9		
*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>
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