

8DP1R56M0-FSD

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)	45 / 130	35 / 105
RG(°F)/Liq(°F)	65.0 / 115.0	55.0 / 90.0
Capacity (Btu/hr)	566000	541000
Power (Watts):	51600	40600
Current (Amps):	82.40	69.90
EER (Btu/Wh):	11.00	13.30
Mass Flow (lbs/hr):	8300	7200
Sound Power (dBA):	0 Avg	0 Max
Vibration (mils(peak-peak)):	0.0 Avg	0.0 Max
Record Date:	2006-08-22	

Mechanical

Number of Cylinders:	8	Displ(in ³ /Rev):	105.82
Bore Size(in):	2.69	Displ(ft ³ /hr):	6430.04
Stroke(in):	2.33		
Overall Length (in):	32.81	Mounting Length (in):	18.00
Overall Width (in):	21.41	Mounting Width (in):	12.00
Overall Height (in):	22.97	Mounting Height (in):	24.66 *
Suction Size (in):	2 5/8 Sweat		
Discharge Size (in):	1 5/8 Sweat		
Oil Recharge (oz):	250		
Initial Oil Charge (oz):	260		
Net Weight (lbs):	850		
Internal Free Volume (in ³):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	510	MCC (Amps):	127.0	UL File No:	SA-2337
LRA-Half Winding:	330	RPM:	3500	UL File Date:	01-Oct-1982
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):		90.7			
RLA(=MCC/1.56;use for breaker & wire size selection):		81.4			
*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-502 CFC	60	3	460	Medium Temperature
R-22 HCFC	50	3	380/420	Air Conditioning
R-502 CFC	50	3	380/420	Medium Temperature