ERJ1-020A-TAC

CFC, R-12, 60Hz, 3- Phase, 208/230 V
High Temp

Production Status: This compressor and/or application of this compressor is not available to U.S. OEM customers. A field replacement is currently available through a U.S. Emerson Climate Technologies Wholesaler. Please check with your local Emerson Climate Technologies Representative for international availability.

Performance

Evap(°F)/Cond(°F)	45 / 130	20 / 120
RG(°F)/Liq(°F)	65.0 / 130.0	65.0 / 120.0
Capacity (Btu/hr)	20300	12200
Power (Watts):	2370	1990
Current (Amps):	8.00	6.00
EER (Btu/Wh):	8.60	6.10
Mass Flow (lbs/hr):	437	244
Sound Power (dBA):	0 Avg	0 Max
Vibration (mils(peak-peak)):	0.0 Avg	0.0 Max
Record Date:	2006-09-20	

Mechanical

Number of Cylinders:	2	Displ(in^3/Rev):	8.11
Bore Size(in):	1.94	Displ(ft^3/hr):	492.91
Stroke(in):	1.38		
Overall Length (in):	16.69	Mounting Length (in):	10.06
Overall Width (in):	12.00	Mounting Width (in):	10.50
Overall Height (in):	12.91	Mounting Height (in):	13.94 *

Suction Size (in):	7/8 Sweat
Discharge Size (in):	5/8 Flare
Oil Recharge (oz):	55
Initial Oil Charge (oz):	60
Net Weight (lbs):	153
Internal Free Volume (in^3):	
Horse Power:	

*Overall compressor height on Copeland Brand Product's specified mounting grommets.

Electrical

LRA-High*:	46.0	MCC (Amps):	8.8	UL File No:	
LRA-Half Winding:		RPM:	3500	UL File Date:	10-Sep-1984
LRA Low*:		Max Operating Current:			

RLA(=MCC/1.4;use for contactor selection): 6.3

RLA(=MCC/1.56;use for breaker & wire size selection): 5.6

*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-12 CFC	50	3	200/220	High Temp
R-12 CFC	50	3	200/220	
R-12 CFC	60	3	208/230	UL Medium Temp