AFT18C1E-IAA

HFC, R-404A, 60Hz, 1- Phase, 115 V
Extended Medium Temp, A-Line

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)	-10 / 120	20 / 120
RG(°F)/Liq(°F)	40 / 120	40 / 120
Capacity (Btu/hr)	1610	3830
Power (Watts):	590	924
Current (Amps):	7.60	10.00
EER (Btu/Wh):	2.70	4.10
Mass Flow (lbs/hr):	37	92
Sound Power (dBA):	0 Avg	0 Max
Vibration (mils(peak-	0.0 Avg	0.0 Max
Record Date:	2000-03-02	

Mechanical

Number of Cylinders:	1	Displ(in^3/Rev):	0.89
Bore Size(in):	1.34	Displ(ft^3/hr):	107.93
Stroke(in):	0.63		
Overall Length (in):	11.40	Mounting Length (in):	8.00
Overall Width (in):	6.63	Mounting Width (in):	4.80
Overall Height (in):	8.70	Mounting Height (in):	9.30 *

Suction Size (in):	3/8 Stub
Discharge Size (in):	1/4 Stub
Oil Recharge (oz):	19
Initial Oil Charge (oz):	21
Net Weight (lbs):	37
Internal Free Volume (in^3):	
Horse Power:	

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

Electrical

LRA-High*:	51.0	MCC (Amps):	11.06	UL File No:	SA4369
LRA-Half Winding:		RPM:		UL File Date:	05-Feb-2009
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):		7.9			
RLA(=MCC/1.56;use for breaker & wire size		7.1			

*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	1	100	

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