

Emerson Climate Technologies
Integrated Products Division



60Hz Air - Cooled Unit Performance

Release Date:10/22/2012

Unit Model:	M4FL-H025-IAA-072	Refrigerant	R-404A
Compressor:	AFE08C4E-IAA-103	Return Gas Temp. (°F):	40
Condenser:	066-0332-02 x 1	Subcooling (°F):	5
Fan Motor:	050-0298-00 x 1	Air Flow Rate (CFM)	235
Fan Blade:	083-0122-00 x 1	Fan Motor Power (Watt):	33
Unit Dimensions:	14.50``L x 12.80``W x 11.40``H	Unit Dwg. No:	496-7114-01

Performance: 90°F Ambient Air Temperature

<u>Evap. Temp</u> (°F)	<u>Capacity</u> (Btu/hr):	<u>Power</u> (Watts):	<u>EER</u> (Btu/Wh):	<u>Cond. Temp.</u> (°F)	<u>Temp. Diff.</u> (°F)	<u>Refr. Pd.</u> (Psi)
-25	624	257	2.4	103.4	13.4	0.0
-20	702	272	2.6	104.8	14.8	0.0
-15	786	287	2.7	106.3	16.3	0.0
-10	876	302	2.9	107.9	17.9	0.0
-5	971	318	3.1	109.5	19.5	0.0
0	1,060	335	3.2	111.7	21.7	0.0

Performance: 100°F Ambient Air Temperature

<u>Evap. Temp</u> (°F)	<u>Capacity</u> (Btu/hr):	<u>Power</u> (Watts):	<u>EER</u> (Btu/Wh):	<u>Cond. Temp.</u> (°F)	<u>Temp. Diff.</u> (°F)	<u>Refr. Pd.</u> (Psi)
-25	549	259	2.1	113.1	13.1	0.0
-20	621	275	2.3	114.4	14.4	0.0
-15	699	291	2.4	115.8	15.8	0.0
-10	783	308	2.5	117.4	17.4	0.0
-5	870	325	2.7	118.9	18.9	0.0
0	955	343	2.8	121.1	21.1	0.0

Performance: 110°F Ambient Air Temperature

<u>Evap. Temp</u> (°F)	<u>Capacity</u> (Btu/hr):	<u>Power</u> (Watts):	<u>EER</u> (Btu/Wh):	<u>Cond. Temp.</u> (°F)	<u>Temp. Diff.</u> (°F)	<u>Refr. Pd.</u> (Psi)
-20	520	278	1.9	123.8	13.8	0.0
-15	596	295	2.0	125.4	15.4	0.0
-10	676	313	2.2	126.9	16.9	0.0
-5	762	331	2.3	128.4	18.4	0.0
0	841	351	2.4	130.8	20.8	0.0

Performance 8684