

Emerson Climate Technologies
Integrated Products Division
60Hz Air - Cooled Unit Performance
Release Date:01/11/2017



Unit Model:	M6ZM-0032-IAA-177	Refrigerant	R-404A
Compressor:	ASE24C5E-IAA-103	Return Gas Temp. (°F):	40
Condenser:	066-0336-03 x 1	Subcooling (°F):	5
Fan Motor:	050-0300-00 x 1	Air Flow Rate (CFM)	330
Fan Blade:	083-0130-00 x 1	Fan Motor Power (Watt):	48
Unit Dimensions:	16.58``L x 12.68``W x 11.73``H	Unit Dwg. No:	496-7143-44

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)
-10	1,340	398	3.4	101.2	11.2	0.9
-5	1,610	411	3.9	102.3	12.3	0.9
0	1,850	428	4.3	103.3	13.3	0.9
5	2,070	447	4.6	104.3	14.3	0.9
10	2,280	467	4.9	105.3	15.3	0.9
15	2,510	489	5.1	106.4	16.4	1.0
20	2,770	510	5.4	107.6	17.6	1.1
25	3,080	531	5.8	109.0	19.0	1.3
30	3,450	549	6.3	110.7	20.7	1.6

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)
-5	1,430	418	3.4	111.8	11.8	3.7
0	1,660	436	3.8	112.7	12.7	2.6
5	1,870	457	4.1	113.6	13.6	1.6
10	2,060	479	4.3	114.5	14.5	0.7
15	2,260	502	4.5	115.5	15.5	0.0
20	2,500	525	4.8	116.6	16.6	0.0
25	2,770	547	5.1	117.9	17.9	0.0
30	3,100	568	5.5	119.4	19.4	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)
0	1,470	446	3.3	122.1	12.1	1.6
5	1,660	469	3.5	123.0	13.0	1.3

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10	1,830	493	3.7	124.0	14.0	1.1
15	2,010	518	3.9	125.0	15.0	1.1
20	2,200	543	4.1	126.1	16.1	1.1
25	2,440	567	4.3	127.3	17.3	1.3
30	2,720	589	4.6	128.8	18.8	1.7

Performance: 120°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)
10	1,590	509	3.1	134.2	14.2	2.4
15	1,730	537	3.2	135.4	15.4	3.1
20	1,880	565	3.3	136.7	16.7	4.5
25	2,060	592	3.5	138.2	18.2	6.9
30	2,280	617	3.7	139.9	19.9	10.9

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