

Emerson Climate Technologies
Integrated Products Division



60Hz Air - Cooled Unit Performance

Release Date:05/11/2017

Unit Model:	M7JH-0026-IAA-177	Refrigerant	R-134a
Compressor:	ARE35C5E-IAA-103	Return Gas Temp. (°F):	65
Condenser:	066-0332-03 x 1	Subcooling (°F):	5
Fan Motor:	050-0298-00 x 1	Air Flow Rate (CFM)	223
Fan Blade:	083-0122-00 x 1	Fan Motor Power (Watt):	33
Unit Dimensions:	14.10``L x 11.45``W x 11.37``H	Unit Dwg. No:	496-7140-28

APPLICATION APPROVAL REQUIRED

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)
0	1,350	336	4.0	111.8	21.8	0.2
5	1,530	356	4.3	114.1	24.1	0.2
10	1,730	377	4.6	116.6	26.6	0.2
15	1,940	399	4.9	119.2	29.2	0.2
20	2,170	422	5.1	122.1	32.1	0.3
25	2,410	447	5.4	125.1	35.1	0.3
30	2,660	474	5.6	128.2	38.2	0.3
35	2,920	501	5.8	131.5	41.5	0.3
40	3,190	531	6.0	135.0	45.0	0.4
45	3,480	561	6.2	138.6	48.6	0.4

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	1,420	364	3.9	123.5	23.5	0.2
10	1,600	385	4.2	126.0	26.0	0.2
15	1,800	408	4.4	128.6	28.6	0.2
20	2,010	432	4.7	131.3	31.3	0.2
25	2,240	457	4.9	134.2	34.2	0.3
30	2,470	484	5.1	137.3	37.3	0.3

Performance 11508