

Emerson Climate Technologies
Integrated Products Division



60Hz Air - Cooled Unit Performance

Release Date:09/09/2016

Unit Model:	XFAM-022Z-CFV-081	Refrigerant	R-134a
Compressor:	ZS15KAE-PFV-118	Return Gas Temp. (°F):	65
Condenser:	066-0389-00 x 1	Subcooling (°F):	5
Fan Motor:	050-0316-01 x 1	Air Flow Rate (CFM)	2050
Fan Blade:	083-6931-00 x 1	Fan Motor Power (Watt):	165
Unit Dimensions:	40.58``L x 17.23``W x 33.08``H	Unit Dwg. No:	496-5743-01

Area Restrictions:
20°F Max
Superheat

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	12,900	1,255	10.3	99.0	9.0	0.5
30	14,400	1,285	11.2	100.0	10.0	0.7
35	15,900	1,305	12.2	101.0	11.0	0.8
40	17,500	1,335	13.1	102.1	12.1	1.0
45	19,300	1,355	14.2	103.2	13.2	1.3

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	12,200	1,385	8.8	109.0	9.0	0.5
30	13,600	1,415	9.6	109.9	9.9	0.6
35	15,000	1,445	10.4	110.8	10.8	0.8
40	16,600	1,475	11.3	111.9	11.9	0.9
45	18,300	1,505	12.2	113.0	13.0	1.1

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)
25	11,500	1,505	7.6	118.8	8.8	0.4
30	12,800	1,545	8.3	119.7	9.7	0.5
35	14,200	1,585	9.0	120.6	10.6	0.6
40	15,600	1,625	9.6	121.6	11.6	0.8
45	17,200	1,655	10.4	122.7	12.7	1.0

Performance 12139

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)
25	10,800	1,645	6.6	128.7	8.7	0.4
30	11,900	1,685	7.1	129.5	9.5	0.5
35	13,200	1,735	7.6	130.4	10.4	0.6
40	14,600	1,775	8.2	131.4	11.4	0.7
45	16,100	1,815	8.9	132.4	12.4	0.9

Performance 12139