

Emerson Climate Technologies  
Integrated Products Division



60Hz Air - Cooled Unit Performance

Release Date:09/09/2016

<b>Unit Model:</b>	XFAM-022Z-TFC-081	<b>Refrigerant</b>	R-134a
<b>Compressor:</b>	ZS15KAE-TF5-118	<b>Return Gas Temp. (°F):</b>	65
<b>Condenser:</b>	066-0389-00 x 1	<b>Subcooling (°F):</b>	5
<b>Fan Motor:</b>	050-0316-01 x 1	<b>Air Flow Rate (CFM)</b>	2050
<b>Fan Blade:</b>	083-6931-00 x 1	<b>Fan Motor Power (Watt):</b>	165
<b>Unit Dimensions:</b>	40.59``L x 17.34``W x 33.03``H	<b>Unit Dwg. No:</b>	496-5733-11

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