

Emerson Climate Technologies  
**Integrated Products Division**



**60Hz Air - Cooled Unit Performance**

**Release Date:09/09/2016**

<b>Unit Model:</b>	XFAM-022Z-CFV-081	<b>Refrigerant</b>	R-134a	
<b>Compressor:</b>	ZS15KAE-PFV-118	<b>Return Gas Temp. (°F):</b>	40	
<b>Condenser:</b>	066-0389-00 x 1	<b>Subcooling (°F):</b>	5	
<b>Fan Motor:</b>	050-0316-01 x 1	<b>Area Restrictions:</b>		
<b>Fan Blade:</b>	083-6931-00 x 1	20°F Max	<b>Air Flow Rate (CFM)</b>	2050
<b>Unit Dimensions:</b>	40.58``L x 17.23``W x 33.08``H	Superheat	<b>Fan Motor Power (Watt):</b>	165
			<b>Unit Dwg. No:</b>	496-5743-01

**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)
0	7,120	1,112	6.4	95.1	5.1	0.0
5	8,070	1,143	7.1	95.8	5.8	0.0
10	9,100	1,175	7.7	96.5	6.5	0.1
15	10,200	1,205	8.5	97.2	7.2	0.2
20	11,400	1,225	9.3	98.0	8.0	0.3
25	12,700	1,255	10.1	98.9	8.9	0.5

**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)
0	6,750	1,215	5.6	105.2	5.2	0.1
5	7,640	1,245	6.1	105.9	5.9	0.1
10	8,600	1,275	6.7	106.5	6.5	0.2
15	9,650	1,315	7.3	107.2	7.2	0.3
20	10,800	1,345	8.0	108.0	8.0	0.4
25	12,000	1,375	8.7	108.8	8.8	0.5

**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	6,360	1,325	4.8	115.1	5.1	0.0
5	7,190	1,355	5.3	115.8	5.8	0.1
10	8,090	1,395	5.8	116.4	6.4	0.2
15	9,060	1,435	6.3	117.1	7.1	0.2
20	10,100	1,465	6.9	117.8	7.8	0.3
25	11,300	1,505	7.5	118.7	8.7	0.4

**Performance 12138**

**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	7,520	1,515	5.0	126.3	6.3	0.2
15	8,420	1,565	5.4	127.0	7.0	0.2
20	9,400	1,605	5.9	127.7	7.7	0.3
25	10,500	1,645	6.4	128.5	8.5	0.4

**Performance 12138**