

Emerson Climate Technologies
Integrated Products Division
60Hz Air - Cooled Unit Performance
Release Date:09/09/2016



Unit Model:	XFAM-017Z-CFV-081	Refrigerant	R-134a
Compressor:	ZS11KAE-PFV-118	Return Gas Temp. (°F):	40
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:	496-5733-10

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)
0	5,210	860	6.1	93.6	3.6	0.0
5	5,920	881	6.7	94.1	4.1	0.0
10	6,680	901	7.4	94.6	4.6	0.0
15	7,510	920	8.2	95.1	5.1	0.0
20	8,400	939	8.9	95.7	5.7	0.0
25	9,380	956	9.8	96.4	6.4	0.1

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	4,940	931	5.3	103.7	3.7	0.0
5	5,600	955	5.9	104.2	4.2	0.0
10	6,310	978	6.5	104.7	4.7	0.0
15	7,090	1,001	7.1	105.2	5.2	0.1
20	7,930	1,023	7.8	105.8	5.8	0.1
25	8,850	1,045	8.5	106.4	6.4	0.2

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	4,660	1,012	4.6	113.7	3.7	0.0
5	5,280	1,037	5.1	114.1	4.1	0.0
10	5,950	1,063	5.6	114.6	4.6	0.0
15	6,670	1,089	6.1	115.1	5.1	0.0
20	7,460	1,114	6.7	115.7	5.7	0.1
25	8,310	1,139	7.3	116.3	6.3	0.1

Performance 12124

Performance: 120°F Ambient Air Temperature

<u>Evap. Temp</u> <u>(°F)</u>	<u>Capacity</u> <u>(Btu/hr):</u>	<u>Power</u> <u>(Watts):</u>	<u>EER</u> <u>(Btu/Wh):</u>	<u>Cond. Temp.</u> <u>(°F)</u>	<u>Temp. Diff.</u> <u>(°F)</u>	<u>Refr. Pd.</u> <u>(Psi)</u>
5	4,920	1,128	4.4	124.1	4.1	0.0
10	5,540	1,156	4.8	124.6	4.6	0.0
15	6,210	1,185	5.2	125.1	5.1	0.1
20	6,940	1,215	5.7	125.6	5.6	0.1
25	7,740	1,245	6.2	126.2	6.2	0.2

Performance 12124