

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):	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:	496-5733-10

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)
25	9,520	956	10.0	96.5	6.5	0.1
30	10,600	972	10.9	97.2	7.2	0.2
35	11,700	987	11.9	97.9	7.9	0.3
40	13,000	1,000	13.0	98.7	8.7	0.4
45	14,300	1,011	14.1	99.6	9.6	0.6

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	9,010	1,046	8.6	106.5	6.5	0.2
30	10,000	1,066	9.4	107.2	7.2	0.3
35	11,100	1,086	10.2	107.9	7.9	0.3
40	12,300	1,104	11.1	108.7	8.7	0.4
45	13,600	1,122	12.1	109.5	9.5	0.6

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	8,510	1,141	7.5	116.4	6.4	0.2
30	9,450	1,165	8.1	117.0	7.0	0.2
35	10,500	1,185	8.9	117.7	7.7	0.3
40	11,600	1,215	9.5	118.5	8.5	0.4
45	12,800	1,235	10.4	119.3	9.3	0.5

Performance 12125

Performance: 120°F Ambient Air Temperature

Evap. Temp (°F)	Capacity (Btu/hr):	Power (Watts):	EER (Btu/Wh):	Cond. Temp. (°F)	Temp. Diff. (°F)	Refr. Pd. (Psi)
25	7,960	1,245	6.4	126.3	6.3	0.2
30	8,840	1,265	7.0	126.9	6.9	0.2
35	9,800	1,295	7.6	127.6	7.6	0.3
40	10,800	1,325	8.2	128.4	8.4	0.4
45	12,000	1,355	8.9	129.1	9.1	0.4

Performance 12125