

Emerson Climate Technologies
Integrated Products Division



60Hz Air - Cooled Unit Performance

Release Date:09/09/2016

Unit Model:	XFAM-030Z-TFC-081	Refrigerant	R-134a
Compressor:	ZS21KAE-TF5-118	Return Gas Temp. (°F):	40
Condenser:	066-0800-00 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:	496-5733-08

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	10,700	1,485	7.2	97.3	7.3	0.2
5	12,100	1,525	7.9	98.2	8.2	0.4
10	13,600	1,575	8.6	99.2	9.2	0.6
15	15,200	1,615	9.4	100.3	10.3	0.8
20	17,000	1,665	10.2	101.4	11.4	1.1
25	18,900	1,705	11.1	102.6	12.6	1.4

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	10,100	1,615	6.3	107.3	7.3	0.4
5	11,400	1,665	6.8	108.2	8.2	0.5
10	12,800	1,715	7.5	109.1	9.1	0.7
15	14,400	1,775	8.1	110.2	10.2	0.8
20	16,000	1,825	8.8	111.2	11.2	1.0
25	17,800	1,875	9.5	112.4	12.4	1.3

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)
5	10,700	1,825	5.9	118.1	8.1	0.3
10	12,000	1,875	6.4	119.0	9.0	0.5
15	13,500	1,935	7.0	119.9	9.9	0.6
20	15,000	1,995	7.5	121.0	11.0	0.8
25	16,700	2,055	8.1	122.0	12.0	1.0

Performance 12152

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	11,200	2,055	5.5	128.8	8.8	0.4
15	12,500	2,115	5.9	129.7	9.7	0.6
20	13,900	2,175	6.4	130.7	10.7	0.8
25	15,400	2,235	6.9	131.7	11.7	0.9

Performance 12152