

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):	65
Condenser:	066-0800-00 x 1	Subcooling (°F):	5
Fan Motor:	050-0316-01 x 1	Area Restrictions:	Air Flow Rate (CFM) 2050
Fan Blade:	083-6931-00 x 1	20°F Max	Fan Motor Power (Watt): 165
Unit Dimensions:	40.58``L x 17.23``W x 33.08``H	Superheat	Unit Dwg. No: 496-5733-08

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	19,200	1,715	11.2	102.8	12.8	1.4
30	21,300	1,755	12.1	104.1	14.1	1.8
35	23,500	1,805	13.0	105.6	15.6	2.1
40	25,900	1,855	14.0	107.1	17.1	2.6
45	28,400	1,895	15.0	108.7	18.7	3.1

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)
25	18,200	1,875	9.7	112.6	12.6	1.3
30	20,100	1,935	10.4	113.8	13.8	1.6
35	22,200	1,985	11.2	115.2	15.2	1.9
40	24,500	2,045	12.0	116.6	16.6	2.3
45	26,900	2,095	12.8	118.2	18.2	2.7

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	17,100	2,055	8.3	122.3	12.3	1.1
30	18,900	2,115	8.9	123.5	13.5	1.3
35	20,900	2,175	9.6	124.8	14.8	1.6
40	23,000	2,245	10.2	126.2	16.2	2.0
45	25,200	2,305	10.9	127.7	17.7	2.4

Performance 12153

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	15,900	2,245	7.1	132.0	12.0	1.0
30	17,600	2,305	7.6	133.2	13.2	1.2
35	19,400	2,375	8.2	134.4	14.4	1.5
40	21,400	2,445	8.8	135.7	15.7	1.8
45	23,500	2,515	9.3	137.1	17.1	2.2

Performance 12153