

Emerson Climate Technologies
Integrated Products Division
60Hz Air - Cooled Unit Performance
Release Date:09/07/2012

Unit Model: FFAP-015Z-TFC-072
Compressor: ZS09KAE-TF5-118
Condenser: 066-0320-04 x 1
Fan Motor: 050-0265-08 x 1
Fan Blade: 083-0033-01 x 1
Unit Dimensions: 24.1``L x 18.3``W x 16.6``H

Refrigerant R-134a
Return Gas Temp. (°F): 65
Subcooling (°F): 5
Air Flow Rate (CFM) 1070
Fan Motor Power (Watt): 210
Unit Dwg. No: 496-5716-00

Performance: 90°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>
25	7,540	970	7.8	106.8	16.8	3.7
30	8,340	1,000	8.3	108.3	18.3	4.2
35	9,200	1,020	9.0	109.9	19.9	4.8
40	10,100	1,050	9.6	111.5	21.5	5.4
45	11,100	1,080	10.3	113.2	23.2	6.1

Performance: 100°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>
25	7,130	1,050	6.8	116.3	16.3	3.5
30	7,890	1,080	7.3	117.7	17.7	3.9
35	8,690	1,110	7.8	119.3	19.3	4.4
40	9,560	1,140	8.4	120.8	20.8	4.9
45	10,500	1,170	9.0	122.5	22.5	5.5

Performance: 110°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>
25	6,690	1,140	5.9	125.9	15.9	3.3
30	7,390	1,170	6.3	127.2	17.2	3.6
35	8,150	1,200	6.8	128.6	18.6	4.1
40	8,970	1,230	7.3	130.1	20.1	4.5
45	9,840	1,270	7.7	131.7	21.7	5.1

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>
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Performance #: 8490

25	6,190	1,220	5.1	135.5	15.5	3.0
30	6,840	1,260	5.4	136.8	16.8	3.4
35	7,540	1,290	5.8	138.2	18.2	3.7
40	8,300	1,330	6.2	139.7	19.7	4.2

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