# **PRODUCT INFORMATION PACKET**

Model No: EM3746F Catalog No: EM3746F 1/2 HP Condenser Fan Motor, 825 RPM, 208-230 Volts, 48 Frame, TEAO Condenser Fans Motors





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#### Nameplate Specifications

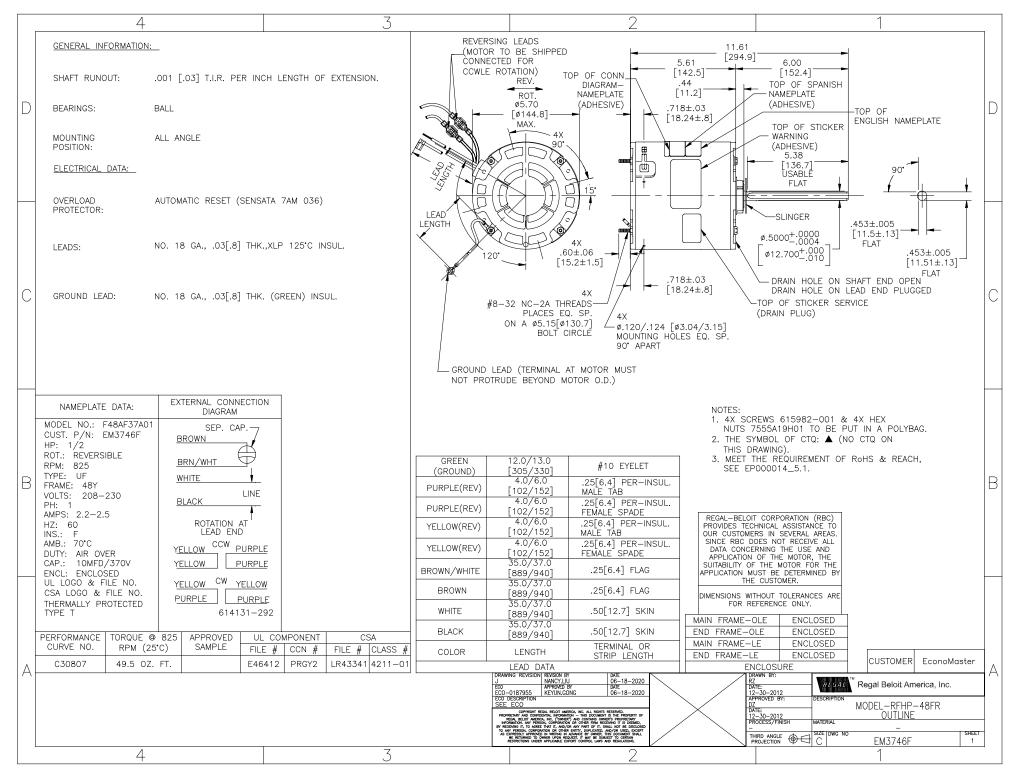
Output HP	1/2 Hp	Output KW	0.37 kW	
Frequency	60 Hz	Voltage	208-230 V	
Current	2.2-2.5 A	Speed	825 rpm	
Service Factor	1	Phase	1	
Duty	Air Over	Insulation Class	F	
Frame	48Y	Enclosure	Totally Enclosed	
Thermal Protection	Automatic	Ambient Temperature	70 °C	
UL	Recognized	CSA	Y	
CE	Ν			

#### **Technical Specifications**

Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	8	Rotation	Reversible
Mounting	Extended Studs	Motor Orientation	Any
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	Flat
Overall Length	12.21 in	Frame Length	5.12 in
Shaft Diameter	0.500 in	Shaft Extension	6.0 in
Connection Drawing	614131-292	Outline Drawing	EM3746F-S01

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		BROWN							
		BRN/WHT							
		BLACK ROTATION AT LEAD END		1.63 [41.3]					
NOTES:		YELLOW CCW PUR	RPLE						
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AF CYLINDRICITY     INCH .003015 mm 0.1-0.4       △ PROFILE OF ANY SURFACE     CORNER FILLETS TO: INCH .020 mm 0.5       7 ROFILE OF ANY LINE     INCH .020 mm 0.5       # TRUE POSITION     MACHINE SURFACES: INCH .220 mm 3.2	jrupert jrupert ANGLE PROJECTION FIDENTIAL: THIS EXCLUSIVE AND A LICATED, DISTRIB	09-19-2011 DESCRIPT DESC	CONN DIAGR	ELECTRICAL PRODUCT COMPANY A DIVISION OF A. 0. SMITH CORPORATION RAM NAMEPLATE 4131-292 ISHEET 1	ГS 				

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<ul> <li>形位公差</li> <li>□ 平面度</li> <li>□ 4</li> <li>□ 4&lt;</li></ul>	除另有注明 尺寸公差如下: 	绘图: <u>jrupert</u> 批准: <u>jrupert</u> 第三角投影		09-19-2011 09-19-2011 ] 图纸格式版布日期 02-22-21 图纸格式版本 F	名称	Smith Innovation has a narma.	A DIVISION O	CAL PRODUCTS OMPANY FA.O. SMITH CORPORATION EPLATE	
<ul> <li> <i>A</i> 面積 □ 面積 の ・(2 ・))         ・)         ・</li></ul>	英寸 .003015 毫米 0.1-0.4 内國角 英寸 .020 毫米 0.5 表面粗糙度 英制 125 米制 3.2 米制尺寸显示在[]		中 相关信息所有机 司书面授权,	<u>」国歌帝九成本 F</u> 双归A. 0. SMITH公司所有。 不得泄露、复制、传播或化 ASME Y14.5M 19		图号 61	<u>.</u> 4131–29		

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