

# PRODUCT INFORMATION PACKET



Model No: FML1056

Catalog No: FML1056

1/2 HP Fan Coil / Room Air Conditioner Motor, 1075 RPM, 3 Speed, 115 Volts, 48 Frame, OAO  
Fan Coil / Room Air Conditioner Motors



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REGAL



**Nameplate Specifications**

Output HP	1/2 Hp	Output KW	0.37 kW
Frequency	60 Hz	Voltage	115 V
Current	8.5 A	Speed	1075 rpm
Service Factor	1	Phase	1
Duty	Air Over	Insulation Class	B
Frame	48Y	Enclosure	Open Enclosed
Thermal Protection	Automatic	Ambient Temperature	50 °C
UL	Recognized	CSA	Y
CE	N		

**Technical Specifications**

Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Mounting	Flexible Arms	Motor Orientation	Horizontal
Drive End Bearing	Sleeve	Opp Drive End Bearing	Sleeve
Frame Material	Rolled Steel	Shaft Type	Flat
Overall Length	10.86 in	Frame Length	4.25 in
Shaft Diameter	0.500 in	Shaft Extension	6 in
Outline Drawing	FML1056-S01	Connection Drawing	614131-111

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GENERAL INFORMATION:

SHAFT RUNOUT: .001[.03] T.I.R. PER INCH LENGTH OF EXTENSION.

END PLAY: .010 TO .063 [.25 TO 1.60].

BEARINGS: SLEEVE

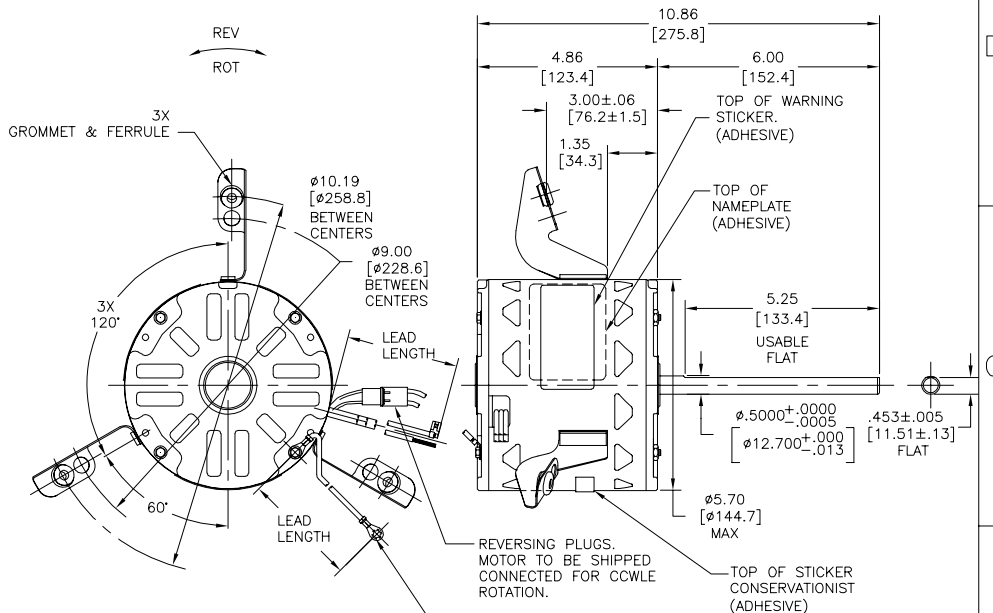
MOUNTING POSITION: HORIZONTAL

ELECTRICAL DATA:

OVERLOAD PROTECTOR: AUTOMATIC RESET (SENSATA 7AM 036).

LEADS: NO. 18 GA., .03[.8] THK., 125°C INSUL.

GROUND LEAD: NO. 18 GA., .03[.8] THK., (GREEN) INSUL.



NAMEPLATE DATA:	EXTERNAL CONNECTION DIAGRAM
MODEL NO.: F48N80A01 CUST. P/N: FML1056 HP: 1/2 ROT.: REVERSIBLE RPM: 1075/3 SPD TYPE: UF FRAME: 48Y VOLTS: 115 PH: 1 AMPS: 8.5 HZ: 60 INS.: B AMB.: 50° C DUTY: AIR OVER CAP.: 10 MFD/370V ENCL.: OPEN UL LOGO CSA LOGO THERMALLY PROTECTED	<p>BROWN SEP. CAP.</p> <p>BROWN/W. </p> <p>YELLOW </p> <p>BLACK HI LINE</p> <p>BLUE MED</p> <p>RED LO</p> <p>ROTATION</p> <p>BLACK CCWLE</p> <p>WHITE CWLE</p> <p>BLACK WHITE</p> <p>WHITE BLACK</p> <p>614131-111</p>

LEAD DATA		
COLOR	LENGTH	TERMINAL OR STRIP LENGTH
RED	26.0/28.0 [660/711]	.50[12.7] SKIN
BLUE	26.0/28.0 [660/711]	.50[12.7] SKIN
BLACK	26.0/28.0 [660/711]	.50[12.7] SKIN
YELLOW	26.0/28.0 [660/711]	.50[12.7] SKIN
BROWN	26.0/28.0 [660/711]	.25[6.4] FLAG
BROWN/WHITE	26.0/28.0 [660/711]	.25[6.4] FLAG
BLACK/WHITE	3.0/5.0 [76/127]	REVERSING PLUG
GREEN	12.0/13.0 [305/330]	#10 EYELET

ENCLOSURE	
END FRAME - LE	OPEN
MAIN FRAME - LE	OPEN
END FRAME - OLE	OPEN
MAIN FRAME - OLE	OPEN

CUSTOMER	DISTRIBUTION SERVICE
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DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.

PERFORMANCE CURVE NO.	TORQUE @ 1075 RPM (25°C)	APPROVED SAMPLE	UL COMPONENT FILE #	CCN #	CSA FILE #	CLASS #
C31878	49.3 OZ. FT.	99AC394A	E46412	PRG2	LR43341	4211-01

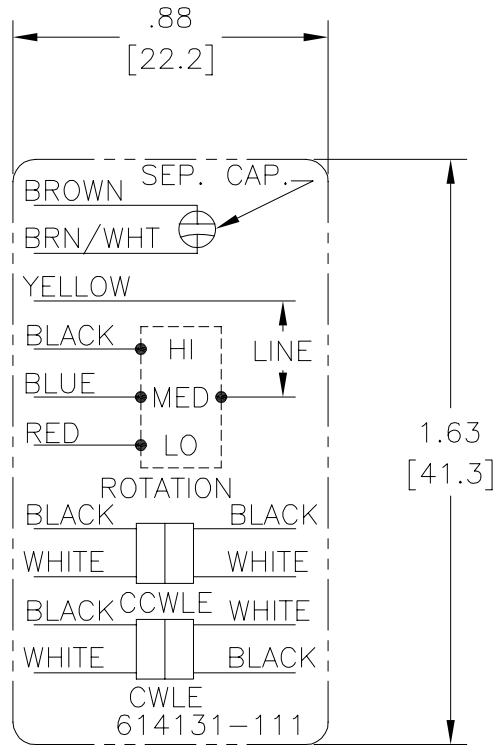
DRAWING REVISION	REVISION BY	DATE
B	F. NAVARRO	10-24-2014
EOD	APPROVED BY	DATE
0063284	G. ALVAREZ	10-24-2014
EOD DESCRIPTION		
CHANGE AMPS		

DRAWN BY:	S. THARP
DATE:	10-05-1995
APPROVED BY:	D. CORBIN
DATE:	10-19-1995
PROCESS/FINISH:	

Regal Beloit America, Inc.	
DESCRIPTION	
MODEL-RFHP-48FR OUTLINE	
MATERIAL:	
SIZE DWG NO:	FML1056
THIRD ANGLE PROJECTION	

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REV	ECO	REV BY	DATE	APPD	DATE
B	ECO-0014509	jrupert	05-25-2010	triley	05-25-2010



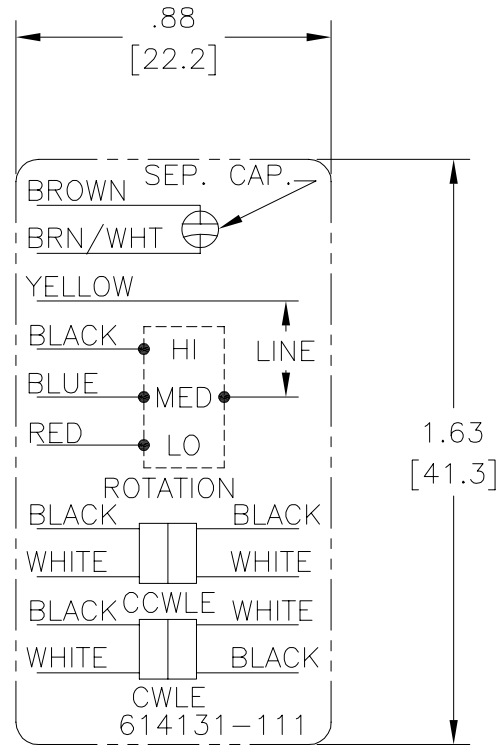
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<b>GEOMETRIC CHARACTERISTICS &amp; SYMBOLS</b> ▽ FLATNESS — STRAIGHTNESS ∠ ANGULARITY ⊥ PERPENDICULARITY (SQUARENESS) ∥ PARALLELISM ○ ROUNDNESS (CIRCULARITY) ⌀ CYLINDRICITY △ PROFILE OF ANY SURFACE ▽ PROFILE OF ANY LINE ↗ RUNOUT ⊕ TRUE POSITION ⊙ CONCENTRICITY = SYMMETRY	UNLESS OTHERWISE SPECIFIED DIM. TOLERANCES ARE AS FOLLOWS: INCH X XX XXX XXXX ±.1 ±.02 ±.005 ±.0005 mm ±0.5 ±0.13 ±0.013 ANG. ±.50 DEG REMOVE BURRS & BREAK SHARP EDGES: INCH .003-.015 mm 0.1-0.4 CORNER FILLETS TO: INCH .020 mm 0.5 MACHINE SURFACES: INCH 125 mm 3.2 METRIC DIMS. SHOWN IN [BRACKETS]	DR BY: jrupert APPD: triley DATE: 05-25-2010 DATE: 05-25-2010 EDS DATE 02-22-2008 FORMAT REV F THIRD ANGLE PROJECTION	DR BY: jrupert APPD: triley DATE: 05-25-2010 DATE: 05-25-2010 EDS DATE 02-22-2008 FORMAT REV F THIRD ANGLE PROJECTION		<b>ELECTRICAL PRODUCTS COMPANY</b> A DIVISION OF A. O. SMITH CORPORATION DESCRIPTION CONN DIAGRAM EXTERNAL
				SIZE A DWG NO 614131-111	SHEET 1
				SCALE NONE	SHEET 1
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B	ECO-0014509	jrupert	05-25-2010	triley	05-25-2010



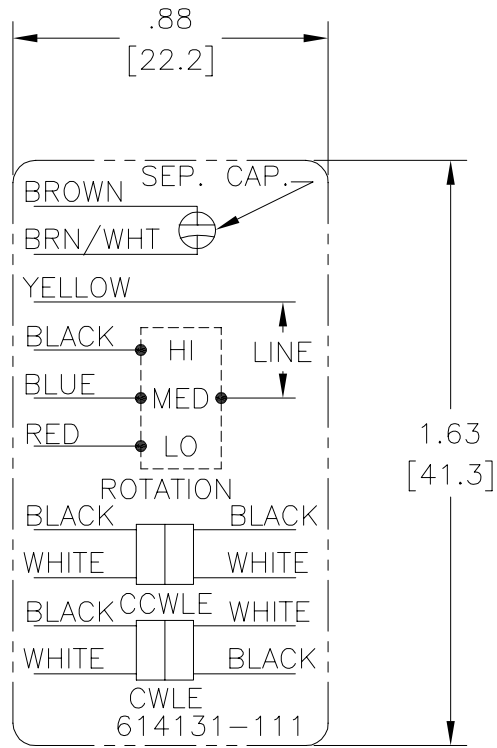
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CARACTERISTICAS DE GEOMETRIA Y SIMBOLOS Z PLANICIDAD — RECTITUD < ANGULARIDAD ⊥ PERPENDICULARIDAD (A ESCUADRA) // PARALELISMO ○ REDONDEZ (CIRCULARIDAD) ∅ CILINDRICIDAD △ PERFIL DE CUALQUIER SUPERFICIE ∩ PERFIL DE CUALQUIER LINEA / VARIACION ⊕ POSICION REAL ⊙ CONCENTRICIDAD = SIMETRIA	A MENOS QUE SE ESPECIFIQUE DE OTRA MANERA, LAS TOLERANCIAS DE LAS DIMS. SON LAS SIGUIENTES: X XX XXX XXXX PULG ±.1 ±.02 ±.005 ±.0005 mm ±0.5 ±0.13 ±0.013 ANG. ±.50 GRADOS ELIMINAR REBABAS Y ORILLAS FILOSAS DEL BORDE. PULG .003-.015 mm 0.1-0.4 FILETEAR ESQUINA: PULG .020 mm 0.5 MAQUINAR SUPERFICIES PULG 125 mm 3.2 DIMS METRICAS MOSTRADAS [PARENTESIS]	DIBUJADO POR: jrupert 05-25-2010 APROBADO POR: triley 05-25-2010	TERCER ANGULO DE PROYECCION FECHA EDS: 02-22-2008 REV. FORMATO: F	<b>ELECTRICAL PRODUCTS COMPANY</b> <small>A DIVISION OF A. O. SMITH CORPORATION</small> DESCRIPCION: <h2 style="text-align: center;">CONN DIAGRAM EXTERNAL</h2>
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形位公差 □ 平面度 — 直线度 ∠ 倾斜度 ⊥ 垂直度 // 平行度 ○ 圆度 ⊙ 圆柱度 面轮廓度 线轮廓度 圆跳动 位置度 同轴度 ≡ 对称度	除另有注明 尺寸公差如下: 英寸 X XX XXX XXXX 毫米 ±.1 ±.02 ±.005 ±.0005 毫米 ±0.5 ±0.13 ±0.013 角度 ±.50 度 清理毛刺和尖棱 英寸 .003-.015 毫米 0.1-0.4 内圆角 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 [ ]	绘图: jrupert 批准: triley 第三角投影	05-25-2010 05-25-2010 图纸格式发布日期 02-22-2008 图纸格式版本 F	<b>ELECTRICAL PRODUCTS COMPANY</b> <small>A DIVISION OF A. O. SMITH CORPORATION</small> 名称 <h2 style="margin: 0;">CONN DIAGRAM EXTERNAL</h2>	
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