

PRODUCT INFORMATION PACKET



Model No: FM1036
Catalog No: FM1036

Fan Coil & Air Conditioner Motor, 1/3 HP, 1 Ph, 60 Hz, 208-230 V, 1075 RPM, 3 Speed, 48 Frame, OPEN



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Nameplate Specifications

Output HP	1/3 Hp	Output KW	0.25 kW
Frequency	60 Hz	Voltage	208-230 V
Current	2.4 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	Number of Speeds	3

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	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	Flat
Overall Length	10.36 in	Frame Length	3.75 in
Shaft Diameter	0.500 in	Shaft Extension	6 in
Outline Drawing	FM1036-S01		

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GENERAL INFORMATION:

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

BEARINGS: BALL

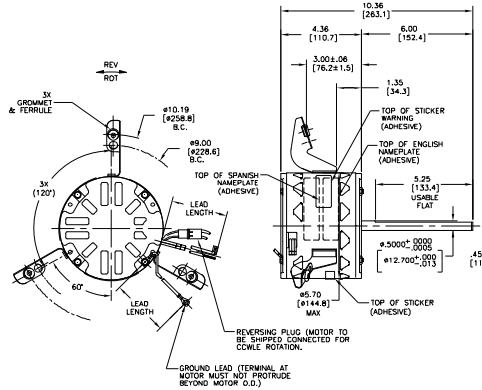
MOUNTING POSITION: HORIZONTAL

ELECTRICAL DATA:

OVERLOAD PROTECTOR: AUTOMATIC RESET (T.I. 7AM 036)

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

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



NOTES:
 1. THE SYMBOL OF CTD: A (NO CTD ON THIS DRAWING)
 2. MEET THE REQUIREMENT OF ROHS AND REACH: SEE EPO00014_5_1

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) FLAC
BROWN/WHITE	26.0/28.0 (660/711)	.25 (6.4) FLAC
BLACK/WHITE	3.0/5.0 (76/127)	REVERSING PLUG
GREEN (GRD)	12.0/13.0 (304/330)	#10 EYELET

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DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.

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

CUSTOMER	DISTRIBUTION SERVICE
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NAMEPLATE DATA:	EXTERNAL CONNECTION DIAGRAM
MODEL NO.: F48N87AD1 CUST. P/N: FM1036 HP: 1/3 ROT: REVERSIBLE RPM: 1075/3 SPD. TYPE: UF FRAME: 48Y VOLTS: 208-230 PH: 1 AMPS: 2.4 HZ: 60/50 INS: B AMB: 50°C DUTY: AIR OVER CAP.: 7.5 MFD/370V ENCL: OPEN CSA LOGO UL LOGO THERMALLY PROTECTED	

PERFORMANCE CURVE NO.	TORQUE @1075 RPM (25°C)	APPROVED SAMPLE	UL COMPONENT		CSA	
			FILE #	CCN #	FILE #	CLASS #
C31884	38.9 OZ. FT.	99AC397A	E46412	PRGY2	LR43341	4211-01

ISSUED BY: [Signature]
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Regal Beloit America, Inc.

MODEL-RFHP-48FR
 OUTLINE

MATERIAL: -
 SHEET NO: -
 SHEET: 1