

PRODUCT INFORMATION PACKET



Model No: ORM5488BU
Catalog No: ORM5488BU
1/3-1/8 HP Condenser Fan Motor, 825 RPM, 1 Speed, 208-230 Volts, 48 Frame, TEAO
Condenser Fans Motors



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REGAL



Nameplate Specifications

Output HP	1/3-1/8 Hp	Output KW	0.25 kW
Frequency	60 Hz	Voltage	208-230 V
Current	1.8 A	Speed	825 rpm
Service Factor	1	Phase	1
Duty	Air Over	Insulation Class	F
Frame	48	Enclosure	Totally Enclosed
Thermal Protection	Automatic	Ambient Temperature	80 °C
UL	Recognized	CSA	Y
CE	N		

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	Double Flat
Overall Length	12.25 in	Frame Length	4.25 in
Shaft Diameter	0.500 in	Shaft Extension	6.5 in
Outline Drawing	ORM5488BU-S01	Connection Drawing	614131-242

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GENERAL INFORMATION:

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

BEARINGS: BALL

MOUNTING POSITION: ALL ANGLE

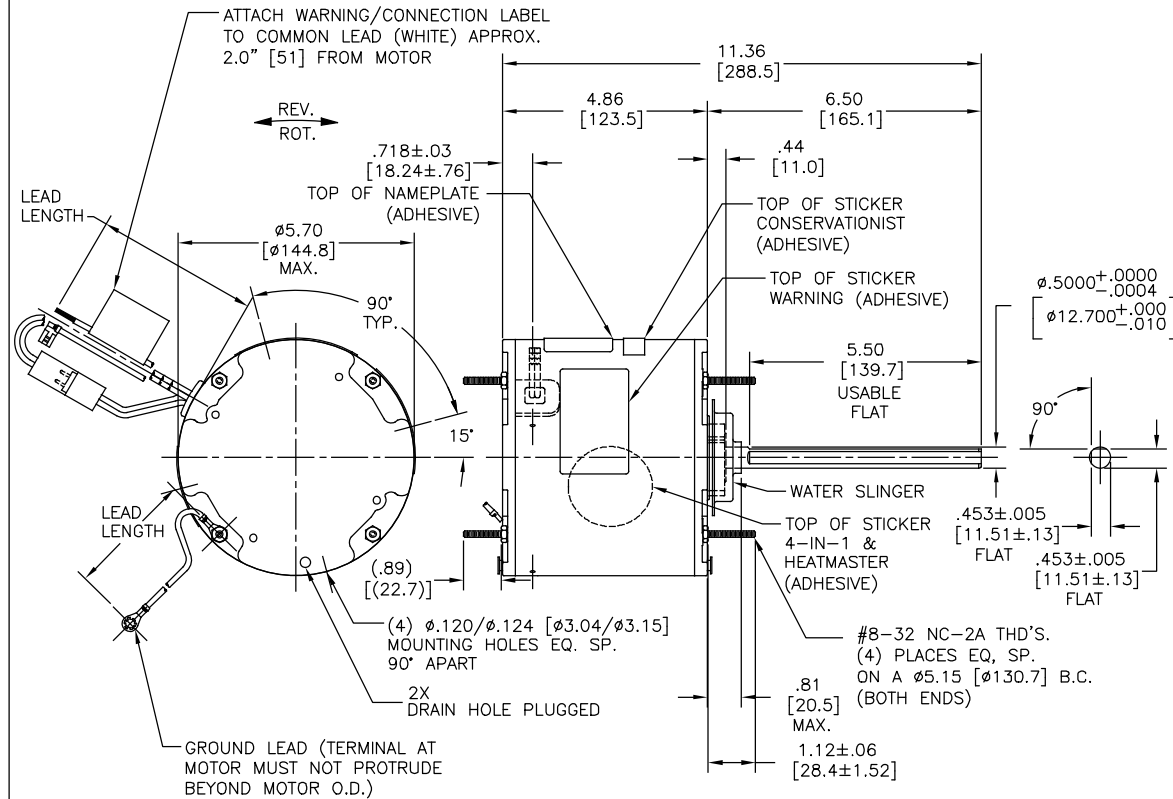
ELECTRICAL DATA:

OVERLOAD PROTECTOR: AUTOMATIC RESET (T.I. 7AM 304)

LINE LEADS: NO. 18 GA., .06 [.5] THK. XLP 125°C INSUL.

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

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



NAMEPLATE DATA:	EXTERNAL CONNECTION DIAGRAM
MODEL NO.: F48AF32A01 CUST. P/N: ORM5488BU HP: 1/3-1/8 ROT.: REVERSIBLE RPM: 825 TYPE: UF FRAME: 48Y VOLTS: 208-230 PH: 1 AMPS: 1.8 HZ: 60 INS.: F AMB.: 80°C DUTY: AIR OVER CAP.: 7.5 MFD/370 V ENCL: ENCLOSED UL LOGO CSA LOGO THERMALLY PROTECTED	SEP. CAP. BROWN BRN/WHT WHITE BLACK LINE ROTATION BLACK WHITE CCWLE BLACK WHITE CWLE

PERFORMANCE CURVE NO.	TORQUE @ 825 RPM (25°C)	APPROVED SAMPLE	UL COMPONENT FILE #	CCN #	CSA FILE #	CLASS #
C32518	37.2 OZ. FT.	0500468A	E46412	PRGY2	LR43341	4211-01

COLOR	LENGTH	TERMINAL OR STRIP LENGTH
GREEN (GROUND)	12.0/13.0 [305/330]	#10 EYELET
BLACK/WHITE	3.0/5.0 [76/127]	REVERSING PLUG
BROWN	48.0/51.0 [1219/1295]	.25 [6.35] FLAG
BROWN/WHITE	48.0/51.0 [1219/1295]	.25 [6.35] FLAG
WHITE	48.0/51.0 [1219/1295]	.50 [12.7] SKIN
BLACK	48.0/51.0 [1219/1295]	.50 [12.7] SKIN

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DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.

MAIN FRAME - OLE	ENCLOSED
END FRAME - OLE	ENCLOSED
MAIN FRAME - LE	ENCLOSED
END FRAME - LE	ENCLOSED

- NOTES:
- ATTACH INSTRUCTION SHEET 69P9-3 ONTO SHAFT APPROX. 1.0[25] FROM WATER SLINGER
 - 4X SCREWS 615982-001 & 4X HEX NUTS 7555A19H01 & 4X SCREWS 13833003 TO BE PUT IN A POLYBAG.

DRAWING REVISION	REVISION BY	DATE
D	GELINE ZHAO	05-23-2019
ECO	KEYUN QONG	05-23-2019

LEAD DATA

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DRAWN BY: H.ZHANG DATE: 01-29-2013 APPROVED BY: C.ZHOU DATE: 01-29-2013 PROCESS/FINISH:	REGAL BELOIT America, Inc. DESCRIPTION: MODEL-RFHP-48FR OUTLINE MATERIAL:	CUSTOMER: ORM5488BU DISTRIBUTION SERVICE:
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