

PRODUCT INFORMATION PACKET



Model No: ORM5484BF

Catalog No: ORM5484BF

4-in-1® Condenser Fan Motor, 1/8-1/15 HP, 1 Ph, 60 Hz, 208-230 V, 825 RPM, 1 Speed, 48 Frame,
ENCLOSED



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Nameplate Specifications

Phase	1	Output HP	1/8-1/15 Hp
Output KW	0.10 kW	Voltage	208-230 V
Speed	825 rpm	Service Factor	1
Frame	48	Enclosure	Totally Enclosed
Thermal Protection	Automatic	Ambient Temperature	70 °C
Frequency	60 Hz	Current	1.0 A
Duty	Air Over	Insulation Class	F
UL	Recognized	CSA	Y
CE	N	Number of Speeds	1

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	11.62 in	Frame Length	3.62 in
Shaft Diameter	0.500 in	Shaft Extension	6.5 in
Connection Drawing	614131-242	Outline Drawing	ORM5484BF-S01

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GENERAL INFORMATION:

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

BEARINGS: BALL

MOUNTING POSITION: ALL ANGLE

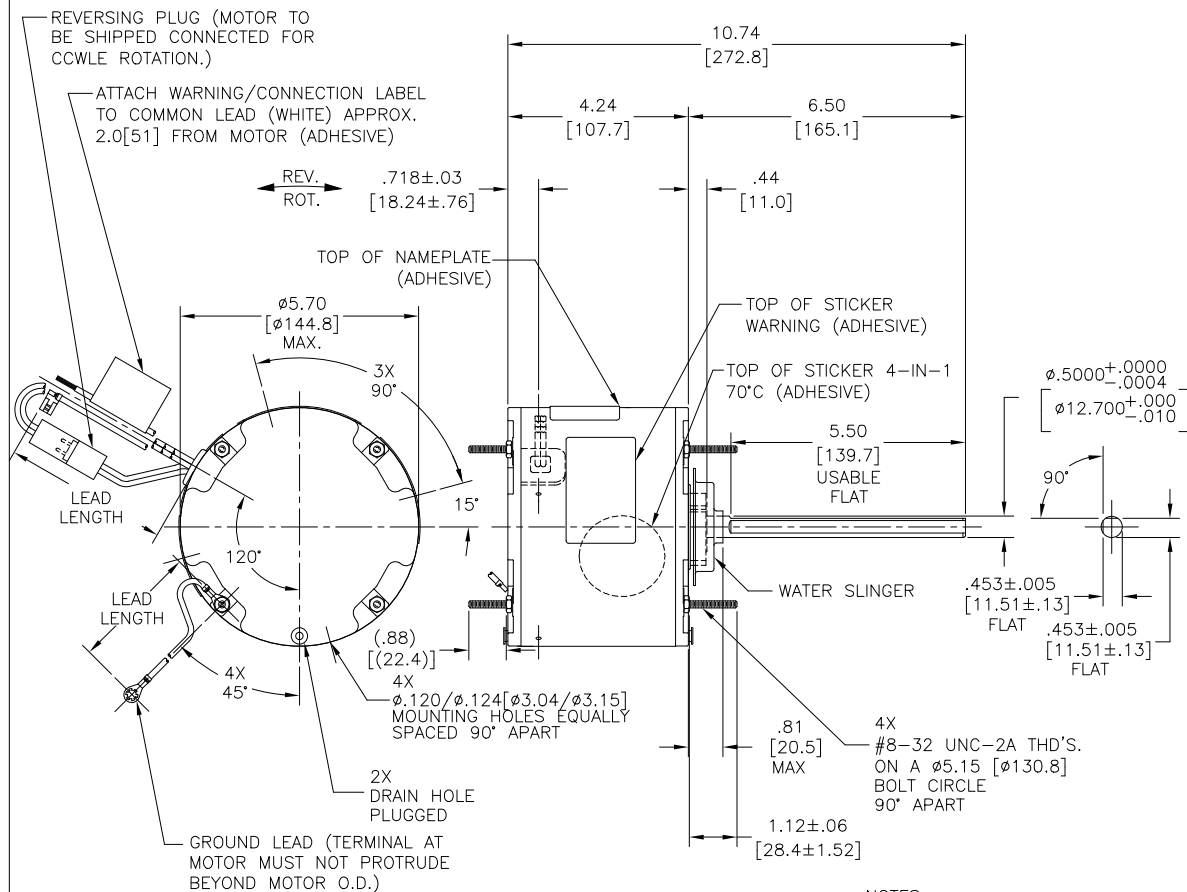
ELECTRICAL DATA:

OVERLOAD PROTECTOR: AUTOMATIC RESET (SENSATA 7AM 304)

LINE LEADS: NO. 18 GA., .06[1.5] THK. XLP 125°C INSUL.

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

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



NOTES:

1. ATTACH INSTRUCTION SHEET 681572-003 ONTO SHAFT APPROX. 1.0[25] FROM WATER SLINGER (OR 69P9-3 ONLY USED IN MEXICO)
2. (4) SCREWS 615982-001 & (4) EXTRA HEX NUTS 7555A19H01 TO BE PUT IN A POLYBAG.

REGAL-BELOIT CORPORATION (RBC) PROVIDES TECHNICAL ASSISTANCE TO OUR CUSTOMERS IN SEVERAL AREAS. SINCE RBC DOES NOT RECEIVE ALL DATA CONCERNING THE USE AND APPLICATION OF THE MOTOR, THE SUITABILITY OF THE MOTOR FOR THE APPLICATION MUST BE DETERMINED BY THE CUSTOMER.

DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.

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

ENCLOSURE

CUSTOMER DISTRIBUTION SERVICE

DRAWING REVISION	REVISION BY	DATE
FA	SURYA	11/11/2024
ECO	APPROVED BY	DATE
ECO-0238477	KEP	11/11/2024

REMOVED CONSERVATION LABEL AS PER ECR

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DRAWN BY:

A.NAJERA

DATE:

04-28-2011

APPROVED BY:

J.RUPERT

DATE:

04-28-2011

REFERENCE

THIRD ANGLE PROJECTION



Regal Beloit America, Inc.

DESCRIPTION

MODEL-RFHP-48FR OUTLINE

MATERIAL

PROCESS/FINISH

SIZE DWG NO

ORM5484BF

SHEET

1

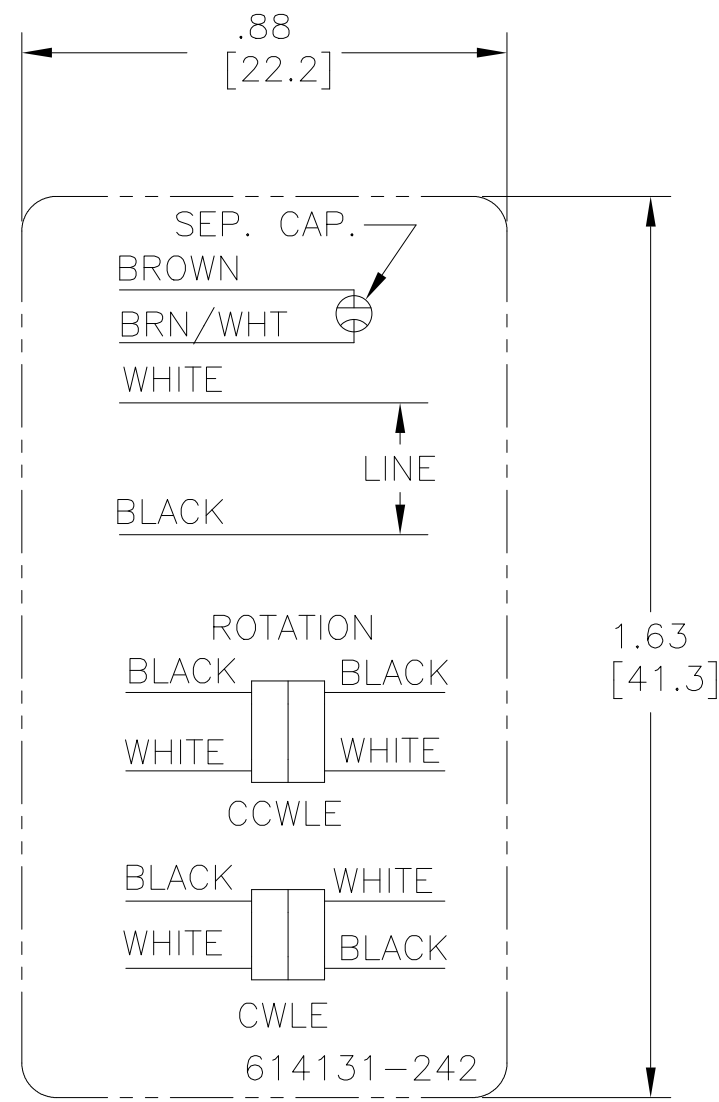
NAMEPLATE DATA:	EXTERNAL CONNECTION DIAGRAM
MODEL NO.: F48AB27A01 CUST. P/N: ORM5484BF HP: 1/8-1/15 ROT.: REVERSIBLE RPM: 825 TYPE: UF FRAME: 48 VOLTS: 208-230 PH: 1 AMPS: 1.0 HZ: 60 INS.: F AMB.: 70°C DUTY: AIR OVER CAP.: 5 MFD/370 V ENCL: ENCLOSED UL LOGO PERFORMANCE THERMAL PROTECTED	SEP. CAP. BROWN BRN/WHT WHITE BLACK LINE ROTATION BLACK WHITE CCWLE WHITE BLACK WHITE CWLE

614131-242

TORQUE @ 825 RPM (25°C)	APPROVED SAMPLE	UL COMPONENT	CSA
FILE #	CCN #	FILE #	CLASS #
C32576	15.8 OZ. FT.	0601710A	E46412 PRGY2 LR43341 4211-01

LEAD DATA

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[6.4] FLAG
BROWN/WHITE	48.0/51.0 [1219/1295]	.25[6.4] FLAG
WHITE	48.0/51.0 [1219/1295]	.50[12.7] SKIN
BLACK	48.0/51.0 [1219/1295]	.50[12.7] SKIN
COLOR	LENGTH	TERMINAL OR STRIP LENGTH



NOTES:

- 1. FOR USE WITH 614129 NAMEPLATE BLANK
- 2. — — — — — INDICATES DIMENSION LIMITS
- 3. DIE TO BE MADE FROM MASTER SUPPLIED BY REGAL REXNORD CORPORATION
- 4. DIE MUST PRODUCE A LEGIBLE IMPRESSION.

DRAWING REVISION H	REVISION BY J. RUPERT	DATE 03-16-2022	TOLERANCES UNLESS OTHERWISE SPECIFIED DEC. INCH mm ANGLE .X ±0.1 [±2.5] ±0.5° .XX ±0.02 [±0.51] .XXX ±0.005 [±0.127] .XXXX ±0.0005 [±0.0127] REMOVE BURRS & BREAK SHARP EDGES .003/.015 [.076/.381] X 45° CORNER FILLETS R.02 [.51] MACHINED SURFACES 125/INCH mm 3.2/ mm SHOWN IN [BRACKETS]	DRAWN BY: YL	REGAL™ Regal Beloit America, Inc.		
ECO NMR-0213140	APPROVED BY J. RUPERT	DATE 03-16-2022		DATE: 04-15-2011	DESCRIPTION CONNECTION DIAGRAM EXTERNAL		
ECO DESCRIPTION REVISED FOR UP ISSUED				APPROVED BY: HZ			
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				REFERENCE			
			THIRD ANGLE PROJECTION		SIZE A	DWG NO 4 of 4	SHEET 1
					614131-242		