

PRODUCT INFORMATION PACKET



Model No:
Catalog No: ORM4688BF
1/3 HP, 825 RPM, 460V, 48FR, CENTURY 4-IN-1 HEATMASTER MOTOR
Condenser Fans



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Nameplate Specifications

Output HP	1/3-1/8 HP	Output KW	0.25 kW
Frequency	60 Hz	Voltage	460 V
Current	1.0 A	Speed	825 RPM
Service Factor	1	Phase	1
Duty	Air Over	Insulation Class	F
Frame	48	Enclosure	Totally Enclosed
Overload Protector	Automatic	Ambient Temperature	70 °C
UL	Recognized	CSA	Y
CE	N		

Technical Specifications

Electrical Type	Permanent Split Capacitor	Starting Method	Induction Run
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	12.62 in	Frame Length	4.62 in
Shaft Diameter	0.500 in	Shaft Extension	6.5 in
Outline Drawing	ORM4688BF-S01	Connection Diagram	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

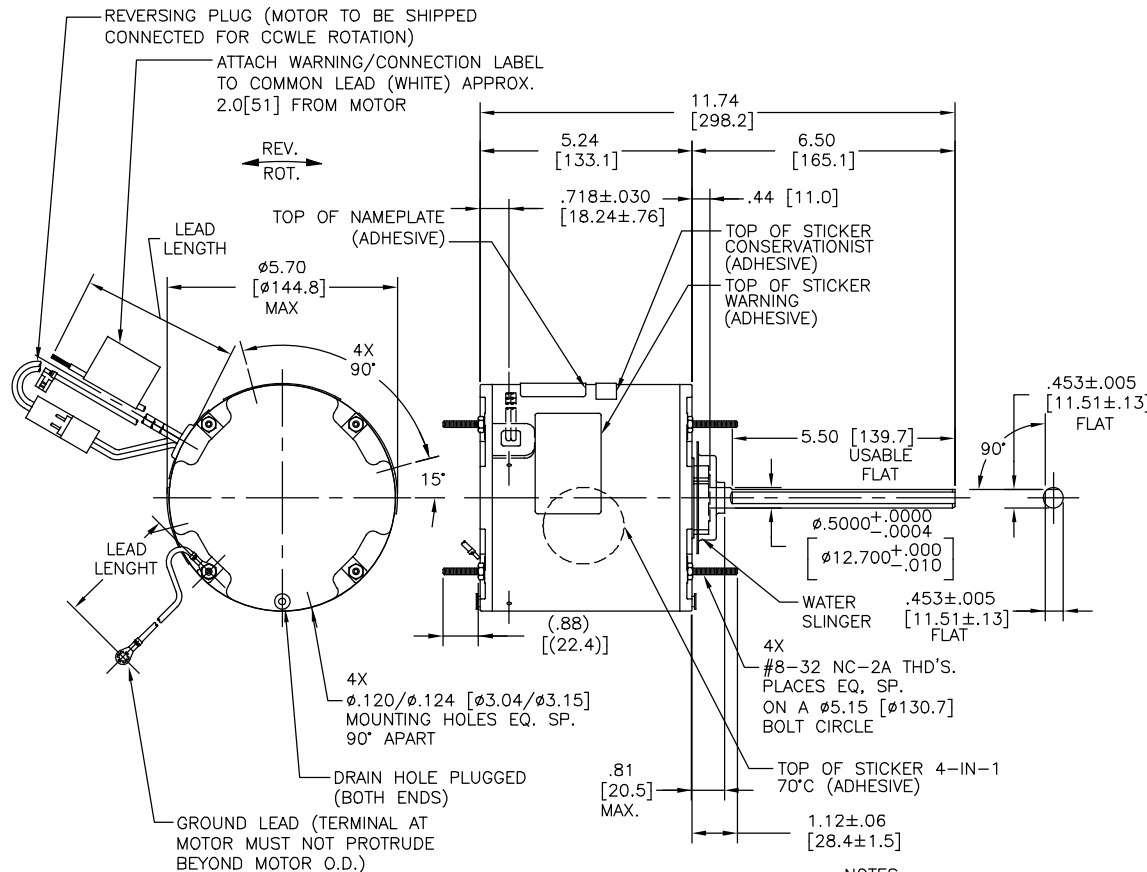
ELECTRICAL DATA:

OVERLOAD PROTECTOR: AUTOMATIC RESET (SENSATA 7AM 304)

LINE LEADS: NO. 18 GA., .06[1.5] 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.: F48AB98A01 CUST. P/N: ORM4688BF HP: 1/3-1/8 ROT.: REVERSIBLE RPM: 825 TYPE: UF FRAME: 48 VOLTS: 460 PH: 1 AMPS: 1.0 HZ: 60 INS.: F AMB.: 70°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 WHITE CWLE BLACK WHITE CWLE

PERFORMANCE CURVE NO.	TORQUE @ 825 RPM (25°C)	APPROVED SAMPLE	UL COMPONENT FILE #	CCN #	CSA FILE #	CLASS #
C0000066	35.9 OZ. FT.	0801374C	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	47.5/51.5 [1206/1308]	.25[6.35] FLAG
BROWN/WHITE	47.5/51.5 [1206/1308]	.25[6.35] FLAG
WHITE	47.5/51.5 [1206/1308]	.50[12.7] SKIN
BLACK	47.5/51.5 [1206/1308]	.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:
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.

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

ECO DESCRIPTION: SEE ECO

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DRAWN BY: A. NAJERA	DATE: 05-05-2011	APPROVED BY: J. RUPERT	DATE: 05-05-2011
DESCRIPTION: MODEL-RFHP-48FR OUTLINE	MATERIAL: -	PROCESS/FINISH: -	SIZE: C
THIRD ANGLE PROJECTION	DWG NO: ORM4688BF	SHEET: 1	