

# PRODUCT INFORMATION PACKET



Model No:  
Catalog No: ORM5488BU  
1/3 HP,825 RPM,208-230V,48FR,CENTURY 4-IN-1 HEATMASTER ULTRA 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	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
Overload Protector	Automatic	Ambient Temperature	80 °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	12.25 in	Frame Length	4.25 in
Shaft Diameter	0.500 in	Shaft Extension	6.5 in
Outline Drawing	ORM5488BU-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

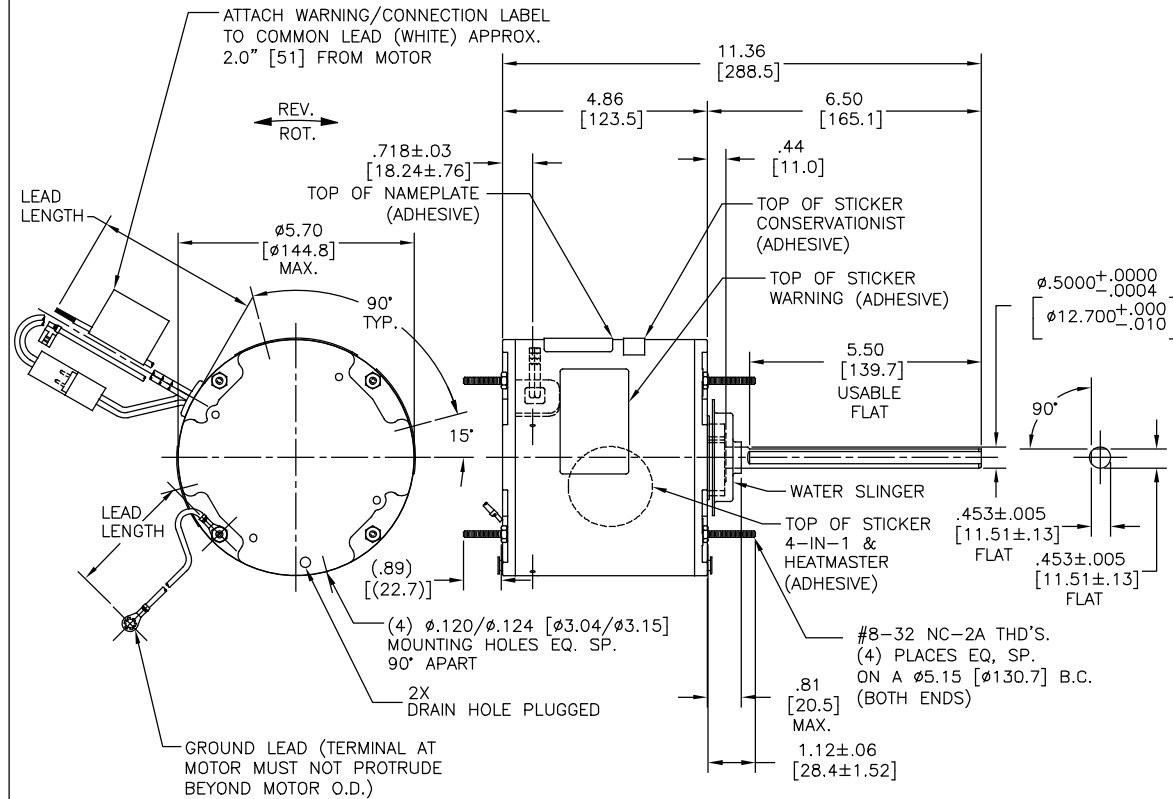
ELECTRICAL DATA:

OVERLOAD PROTECTOR: AUTOMATIC RESET (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	<p>SEP. CAP.</p> <p>BROWN</p> <p>BRN/WHT</p> <p>WHITE</p> <p>BLACK</p> <p>LINE</p> <p>ROTATION</p> <p>BLACK</p> <p>WHITE</p> <p>CCWLE</p> <p>BLACK</p> <p>WHITE</p> <p>CWLE</p> <p>614131-242</p>

PERFORMANCE CURVE NO.	TORQUE @ 825 RPM (25°C)	APPROVED SAMPLE	UL COMPONENT		CSA	
			FILE #	CCN #	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
ECO-0166568		
SEE ECO		

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ENCLOSURE		CUSTOMER		DISTRIBUTION SERVICE	
DRAWN BY: H.ZHANG	DATE: 01-29-2013	APPROVED BY: C.ZHOU	DATE: 01-29-2013	PROCESS/FINISH	
THIRD ANGLE PROJECTION		SIZE: C	DWG NO: ORM5488BU	SHEET: 1	