

PRODUCT INFORMATION PACKET



Model No: FEH1076SU
Catalog No: FEH1076SU

HEATMASTER® ULTRA Condenser Fan Motor, 3/4 HP, 1 Ph, 60 Hz, 460 V, 1075 RPM, 1 Speed, 48 Frame, TEAO



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Nameplate Specifications

Output HP	3/4 Hp	Output KW	0.56 kW
Frequency	60 Hz	Voltage	460 V
Current	2.2 A	Speed	1075 rpm
Service Factor	1	Phase	1
Duty	Air Over	Insulation Class	F
Frame	48	Enclosure	Totally Enclosed Air Over
Thermal Protection	Automatic	Ambient Temperature	80 °C
UL	Recognized	CSA	Y
CE	N	Number of Speeds	1

Technical Specifications

Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	6	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	13.49 in	Frame Length	5.50 in
Shaft Diameter	0.500 in	Shaft Extension	6.5 in
Outline Drawing	FEH1076SU-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

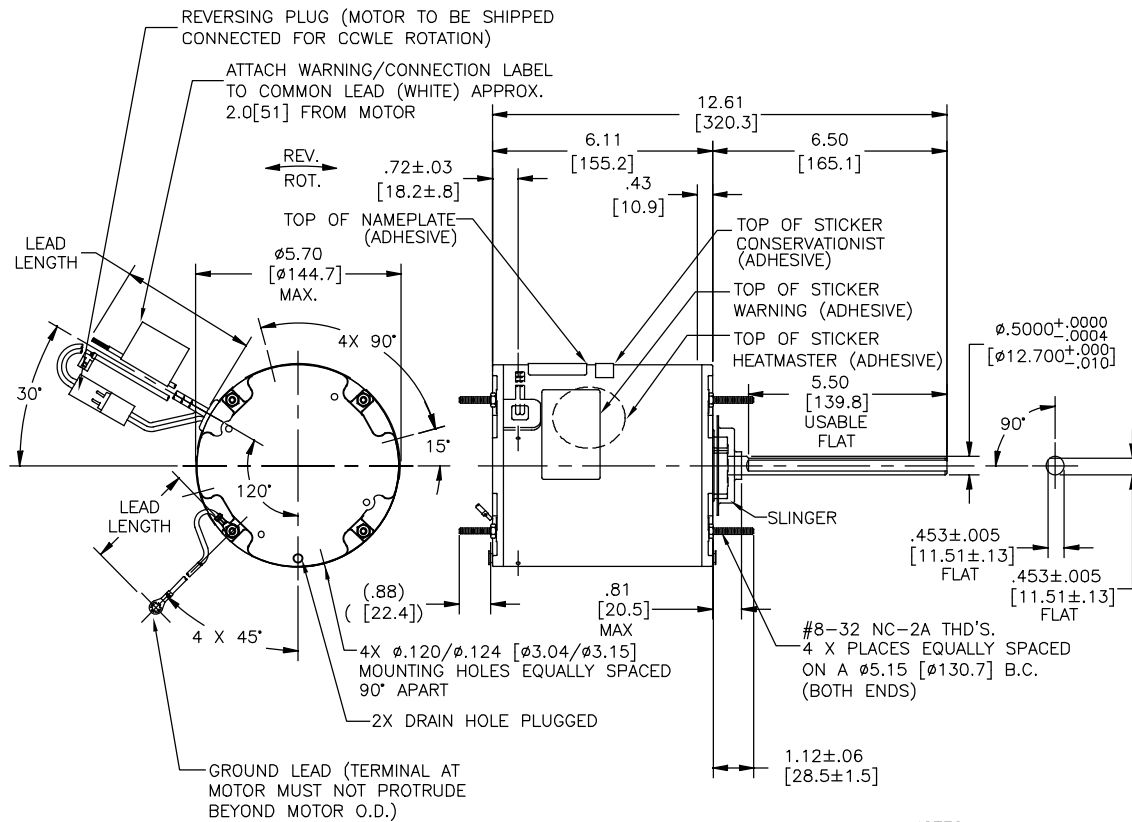
ELECTRICAL DATA:

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

LINE LEADS: NO. 18 GA., .06 [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.



- NOTES:
1. ATTACH INSTRUCTION SHEET 69P9-3 ONTO SHAFT APPROX. 1.0[25] FROM WATER SLINGER
 2. 4X SCREWS 615982-001 & 4X HEX NUTS 7555A19H01 & 4X SCREWS 13833003 TO BE PUT IN A POLYBAG.

NAMEPLATE DATA:	EXTERNAL CONNECTION DIAGRAM
MODEL NO.: F48AF24A01 CUST. P/N: FEH1076SU HP: 3/4 ROT.: REVERSIBLE RPM: 1075 TYPE: UF FRAME: 48 VOLTS: 460 PH: 1 AMPS: 2.2 HZ: 60 INS.: F AMB.: 80°C DUTY: AIR OVER CAP.: 10 MFD/370 V ENCL: ENCLOSED UL LOGO CSA LOGO THERMALLY PROTECTED	

PERFORMANCE CURVE NO.	TORQUE @1075 RPM (25°C)	APPROVED SAMPLE	UL COMPONENT	CSA
C32585	67.9 OZ. FT.	0601191A	FILE # E46412 PRGY2	FILE # LR43341 CLASS # 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 [6.4] 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

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

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

LEAD DATA

ENCLOSURE

DRAWN BY: A.SUN
DATE: 01-24-2013
APPROVED BY: M.H.E.
DATE: 01-24-2013
PROCESS/FINISH

THIRD ANGLE PROJECTION

Regal Beloit America, Inc.

DESCRIPTION: MODEL-RFHP-48FR OUTLINE

MATERIAL

SIZE DWG NO: FEH1076SU

SHEET 1



- 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
ECO NMR-0213140	APPROVED BY J. RUPERT	DATE 03-16-2022
ECO DESCRIPTION REVISED FOR UP ISSUED		

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 [0.076/.381] X 45°			
CORNER FILLETS R.02 [.51]			
MACHINED SURFACES			
	INCH	mm	3.2
mm SHOWN IN [BRACKETS]			

DRAWN BY: YL	
DATE: 04-15-2011	
APPROVED BY: HZ	
DATE: 04-15-2011	
REFERENCE	
THIRD ANGLE PROJECTION	

Regal Beloit America, Inc.	
DESCRIPTION CONNECTION DIAGRAM EXTERNAL	
MATERIAL	PROCESS/FINISH
SIZE A	DWG NO 4 of 4
614131-242	
SHEET 1	

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