

PRODUCT INFORMATION PACKET



Model No: FE1026SU

Catalog No: FE1026SU

HEATMASTER® ULTRA Condenser Fan Motor, 1/4 HP, 1 Ph, 60 Hz, 208-230 V, 1075 RPM, 1 Speed, 48 Frame, TEAO

Operational at 208-230 V @60HZ



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Nameplate Specifications

Phase	1	Output HP	1/4 Hp
Output KW	0.19 kW	Voltage	208-230 V
Speed	1075 rpm	Service Factor	1.0
Frame	48	Enclosure	Totally Enclosed Air Over
Thermal Protection	Automatic	Ambient Temperature	80 °C
Frequency	60 Hz	Current	2.0 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	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	11.74 in	Frame Length	4.44 in
Shaft Diameter	0.500 in	Shaft Extension	6.5 in
Outline Drawing	FE1026SU_FA	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

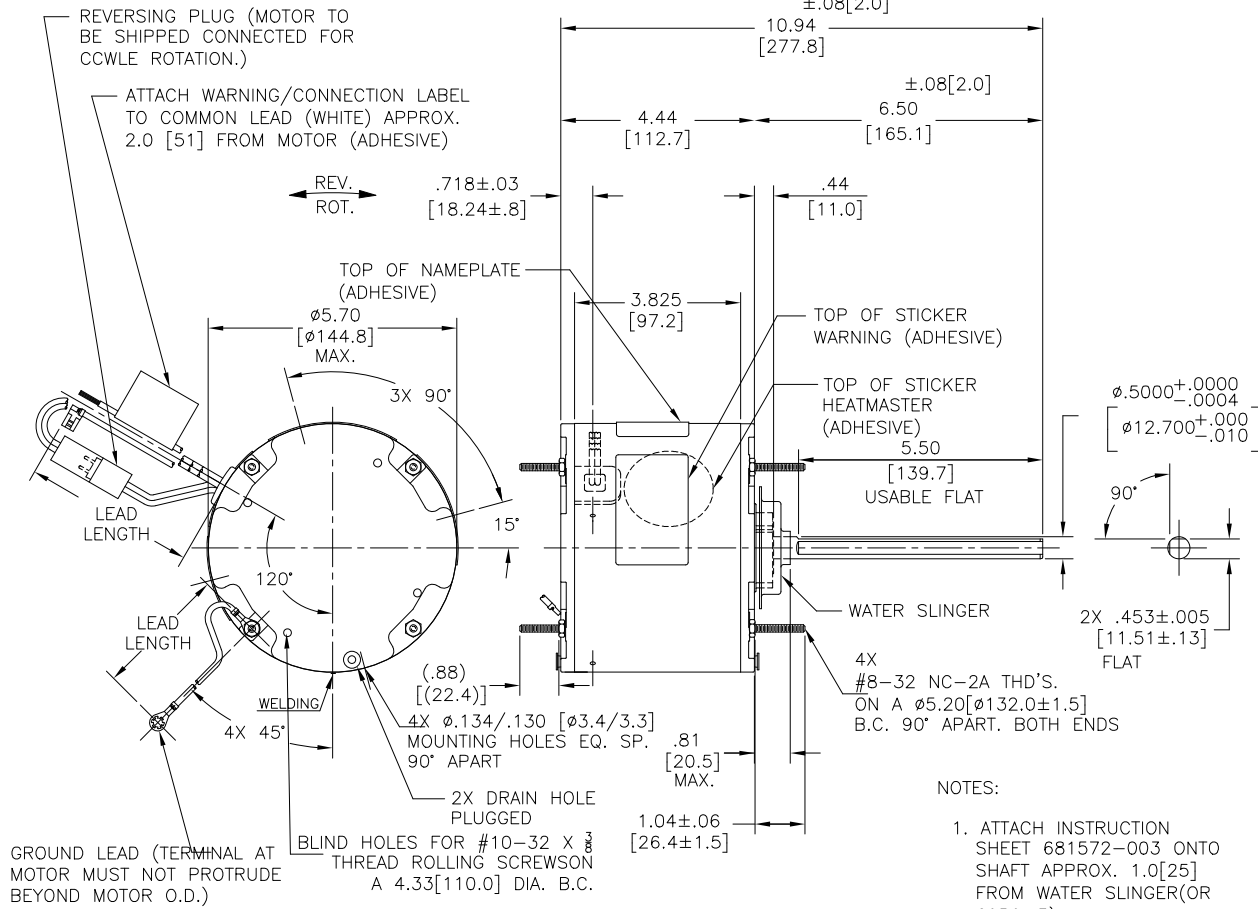
ELECTRICAL DATA:

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

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

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

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



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

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.

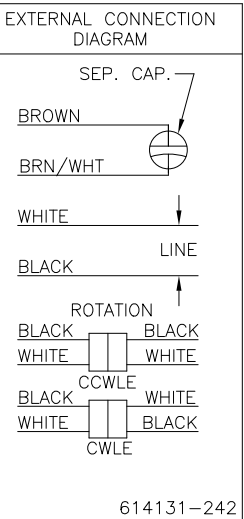
DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.

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

REF. FE1026SF
NAMEPLATE DATA:

MODEL NO.: 5KCP39HGDD934S
CUST. P/N: FE1026SU
HP: 1/4
ROT.: REVERSIBLE
RPM: 1075
TYPE: UF
FRAME: 48
VOLTS: 208-230
PH: 1
AMPS: 2.0
HZ: 60
INS.: F
AMB.: 80°C
DUTY: AIR OVER
CAP.: 5 MFD/370 V
THERMALLY PROTECTED

REGAL
E27885
MADE IN INDIA



LEAD DATA

DRAWING REVISION	REVISION BY	DATE
ECO	KG	19.11.24
ECR-0238477	APPROVED BY	DATE
	LS	19.11.24
ECO DESCRIPTION		
CONSERVATIONIST LABEL REMOVED		

ENCLOSURE

DRAWN BY:	MK
DATE:	29.05.23
APPROVED BY:	LS
DATE:	29.05.23
REFERENCE:	
THIRD ANGLE PROJECTION	

CUSTOMER

DISTRIBUTION SERVICE

Regal Beloit America, Inc.

MODEL-RFHP-48FR
OUTLINE

MATERIAL

PROCESS/FINISH

SIZE DWG NO

FE1026SU_FA

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

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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	
	125	3.2	
mm SHOWN IN [BRACKETS]			

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

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