

PRODUCT INFORMATION PACKET



Model No: FE1056SF
Catalog No: FE1056SF

HEATMASTER® Condenser Fan Motor, 1/2 HP, 1 Ph, 60 Hz, 208-230 V, 1075 RPM, 1 Speed, 48 Frame, TEAO



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Nameplate Specifications

Output HP	1/2 Hp	Output KW	0.37 kW
Frequency	60 Hz	Voltage	208-230 V
Current	4.0 A	Speed	1075 rpm
Service Factor	1	Phase	1
Efficiency	69.1 %	Duty	Air Over
Insulation Class	F	Frame	48
Enclosure	Totally Enclosed Air Over	Thermal Protection	Automatic
Ambient Temperature	70 °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	12.74 in	Frame Length	4.75 in
Shaft Diameter	0.500 in	Shaft Extension	6.5 in
Connection Drawing	614131-242	Outline Drawing	FE1056SF_FA

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GENERAL INFORMATION:

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

BEARINGS: BALL

MOUNTING POSITION: ALL ANGLE

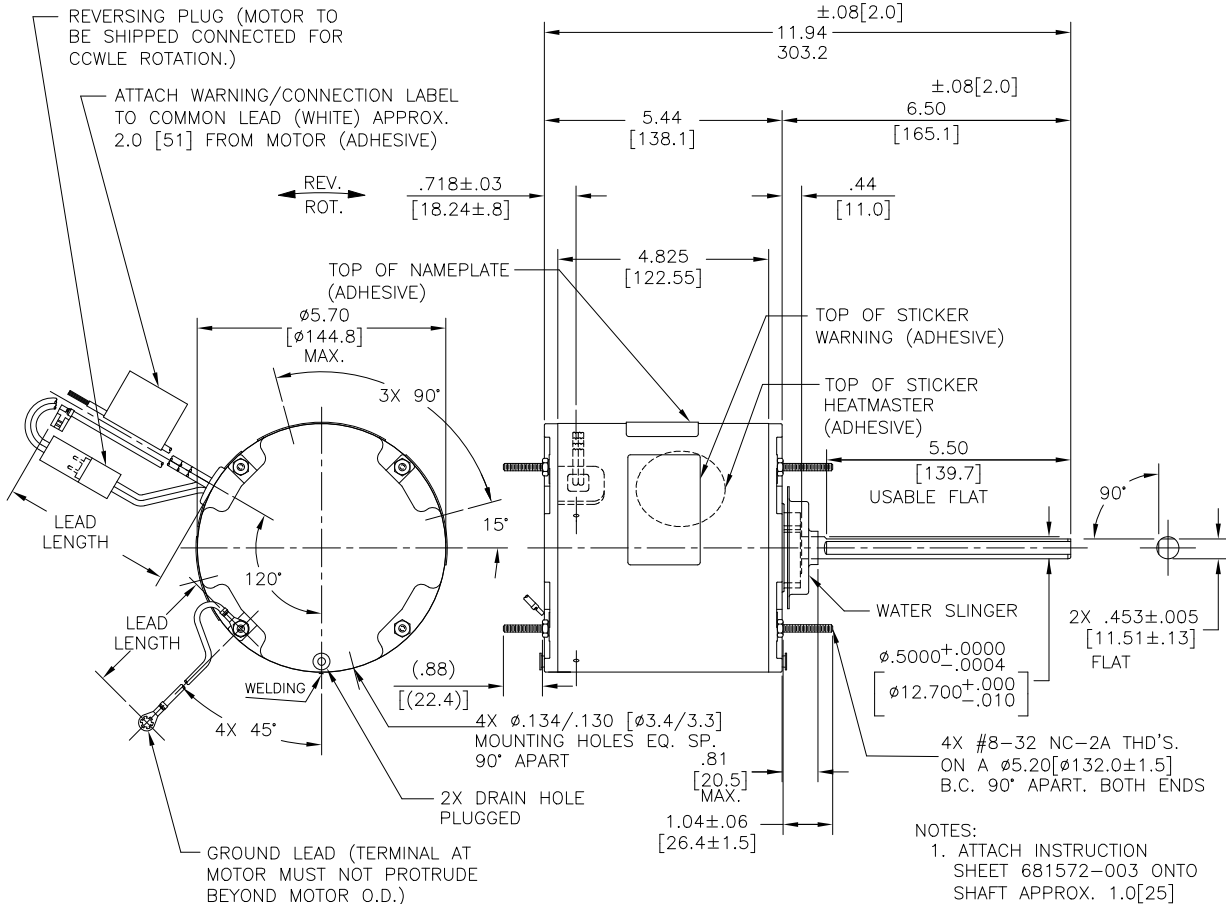
ELECTRICAL DATA:

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.



- NOTES:
- ATTACH INSTRUCTION SHEET 681572-003 ONTO SHAFT APPROX. 1.0[25] FROM WATER SLINGER(OR 69P9-3 ONLY USED IN MEXICO)
 - (4)SCREWS N194P1504B9 & (4) EXTRA HEX NUTS N23815B9 TO BE PUT IN A POLYBAG.
 - DISTRIBUTION SERVICE CUST. P/N: FE1056SF GRAINGER CUST. P/N: 4MB63
 - ALL LABEL READ FROM LE
 - SPRNG SHIM IN OLE SIDE

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.

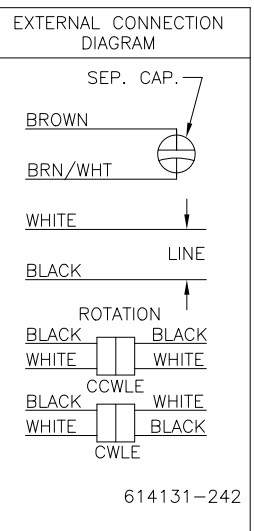
DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.

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

CUSTOMER	DISTRIBUTION SERVICE
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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

SAMPLE SM19-407
NAMEPLATE DATA:
MODEL NO.: 5KCP39PGDD682S
CUST. P/N: FE1056SF
HP: 1/2
ROT.: REVERSIBLE
RPM: 1075
TYPE: UF
FRAME: 48
VOLTS: 208-230
PH: 1
AMPS: 4.0
HZ: 60
INS.: F
AMB.: 70°C
DUTY: AIR OVER
CAP.: 10 MFD/370 V
THERMALLY PROTECTED



MADE IN INDIA

DRAWING REVISION	REVISION BY	DATE
ECO	MG	16-04-22
ECO-0216351	LS	16-04-22
ECO DESCRIPTION		
ENERGY CONSERVATIONIST STICKER IS REMOVED		
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DRAWN BY:	DATE:
MK	13.11.19
APPROVED BY:	DATE:
LS	13.11.19
PROCESS/FINISH	MATERIAL
THIRD ANGLE PROJECTION	

REGAL Regal Beloit America, Inc.	
DESCRIPTION	MODEL-RFHP-48FR OUTLINE
SIZE	-
DWG NO	FE1056SF_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	
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	