

PRODUCT INFORMATION PACKET



Model No: FE1038SU

Catalog No: FE1038SU

HEATMASTER® ULTRA Condenser Fan Motor, 1/3 HP, 1 Ph, 60 Hz, 230 V, 825 RPM, 1 Speed, 48 Frame, TEAO

Operational at 208-230 V @60HZ



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Nameplate Specifications

Phase	1	Output HP	1/3 Hp
Output KW	0.25 kW	Voltage	230 V
Speed	825 rpm	Service Factor	1.0
Frame	48	Enclosure	Totally Enclosed Air Over
Thermal Protection	Automatic	Ambient Temperature	80 °C
Frequency	60 Hz	Current	2.1 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	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	12.49 in	Frame Length	5.19 in
Shaft Diameter	0.500 in	Shaft Extension	6.5 in
Connection Drawing	614131-242	Outline Drawing	FE1038SU_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

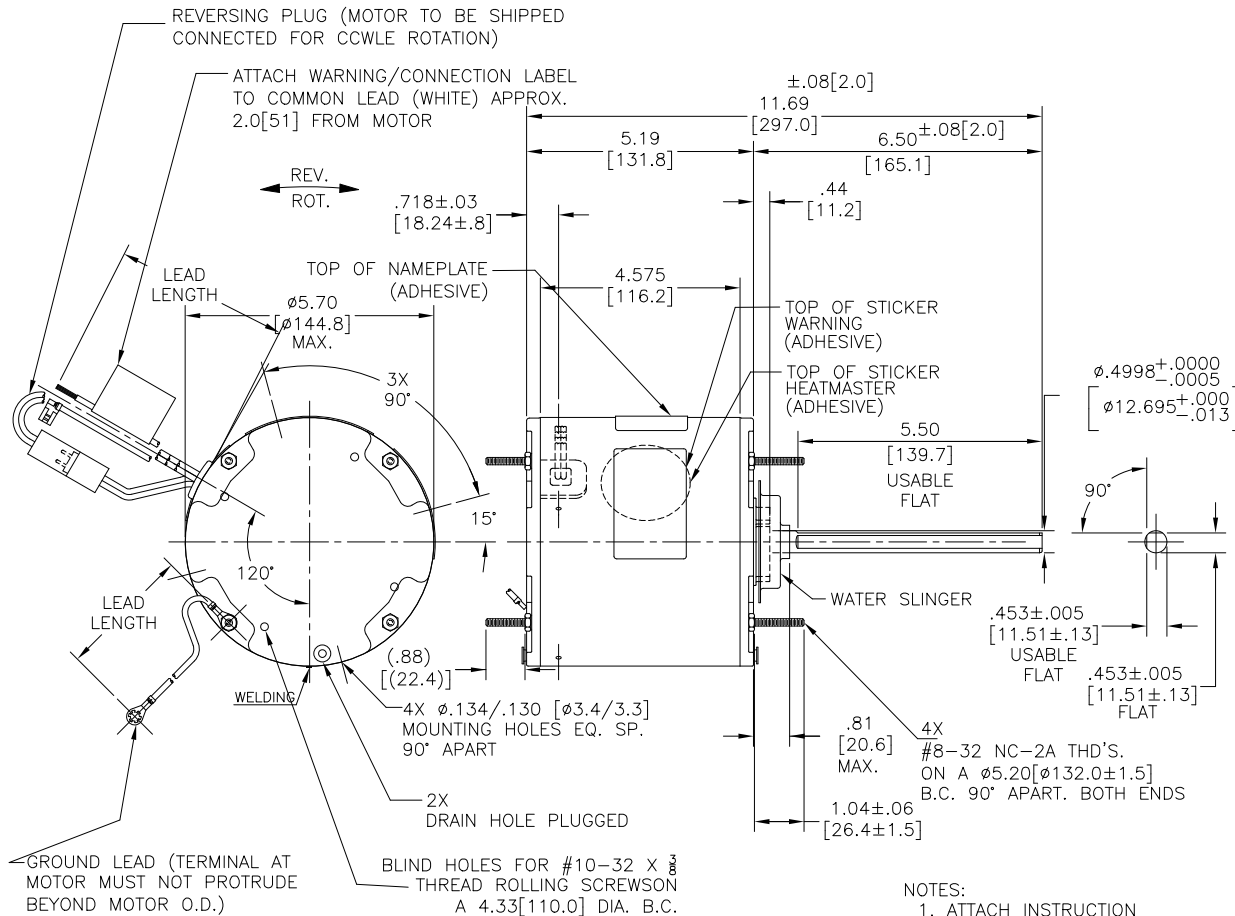
ELECTRICAL DATA:

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

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

REVERSING 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 681572-003 ONTO SHAFT APPROX. 1.0[25] FROM WATER SLINGER(OR 69P9-3)
 2. (4)SCREWS N194P1504B9, (4) EXTRA HEX NUTS N238P15B9 & 4x SCREW 13833003 TO BE PUT IN A POLYBAG.
 3. ALL LABEL READ FROM LE.
 4. SPRING SHIM/THRUST WASHER IN LE SIDE.

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

ENCLOSURE

DRAWN BY: MK	DATE: 29.05.23
APPROVED BY: LS	DATE: 29.05.23
PROCESS/FINISH	MATERIAL
THIRD ANGLE PROJECTION	SIZE DWG NO



Regal Beloit America, Inc.

MODEL-RFHP-48FR OUTLINE

FE1038SU_FA

SHEET 1

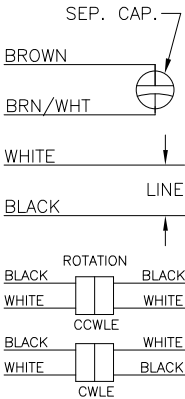
REF. FSE1038SF NAMEPLATE DATA:

MODEL NO.: 5KCP39MFDD937S
CUST. P/N: FE1038SU
HP: 1/3
ROT.: REVERSIBLE
RPM: 825
TYPE: UF
FRAME: 48Y
VOLTS: 208-230
PH: 1
AMPS: 2.1
HZ: 60
INS.: F
AMB.: 80°C
DUTY: AIR OVER
CAP.: 7.5 MFD/370 V
THERMALLY PROTECTED



MADE IN INDIA

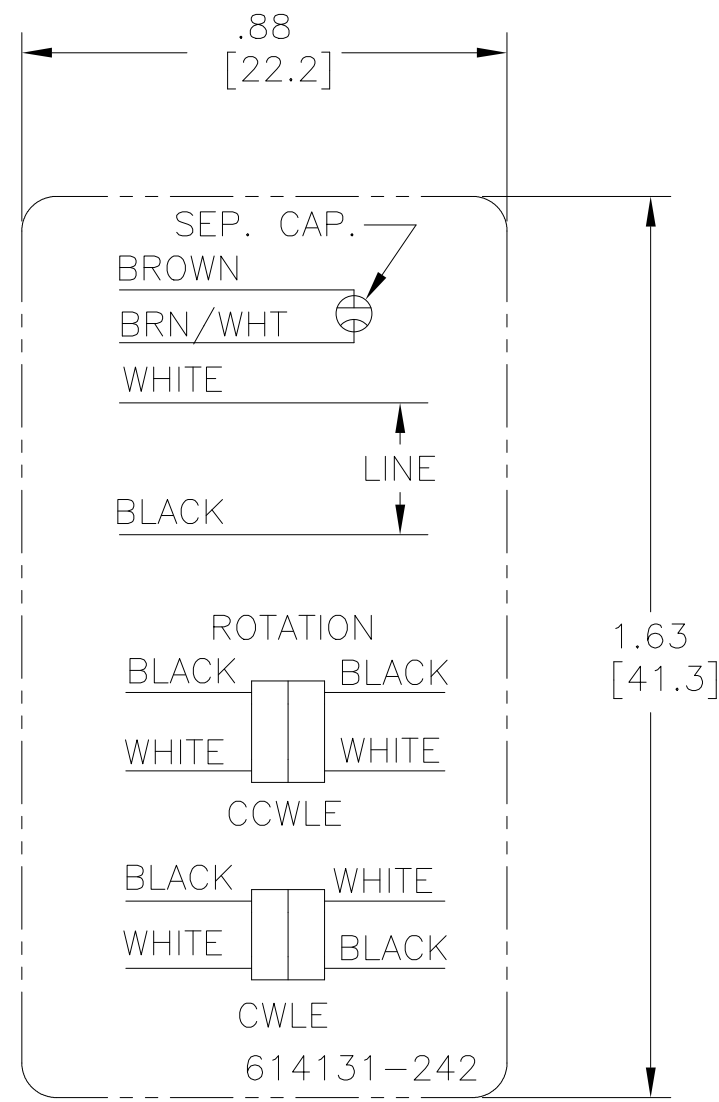
EXTERNAL CONNECTION DIAGRAM



614131-242

LEAD DATA

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



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	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 [.076/.381] X 45° CORNER FILLETS R.02 [.51] MACHINED SURFACES INCH 125 mm 3.2 mm SHOWN IN [BRACKETS]	DRAWN BY: YL	REGAL™ Regal Beloit America, Inc.			
ECO NMR-0213140	APPROVED BY J. RUPERT	DATE 03-16-2022		DATE: 04-15-2011	DESCRIPTION CONNECTION DIAGRAM EXTERNAL			
ECO DESCRIPTION REVISED FOR UP ISSUED				APPROVED BY: HZ				
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				REFERENCE				
						THIRD ANGLE PROJECTION		SIZE A