

PRODUCT INFORMATION PACKET



Model No: F1036S
Catalog No: F1036S

Condenser Fan Motor, 1/3 HP, 1 Ph, 60 Hz, 208-230 V, 1075 RPM, 1 Speed, 48 Frame, SEMI ENCLOSED



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Nameplate Specifications

Output HP	1/3 Hp	Output KW	0.25 kW
Frequency	60 Hz	Voltage	208-230 V
Current	1.7 A	Speed	1075 rpm
Service Factor	1	Phase	1
Duty	Air Over	Insulation Class	B
Frame	48Y	Enclosure	Semi Enclosed
Thermal Protection	Automatic	Ambient Temperature	60 °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	11.99 in	Frame Length	3.75 in
Shaft Diameter	0.500 in	Shaft Extension	6.4 in
Outline Drawing	F1036S-S01	Connection Drawing	614131-115

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GENERAL INFORMATION:

SHAFT RUNOUT: .001 [.025] T.I.R. PER INCH LENGTH OF EXTENSION

BEARINGS: BALL

MOUNTING POSITION: HORIZONTAL OR VERTICAL SHAFT UP

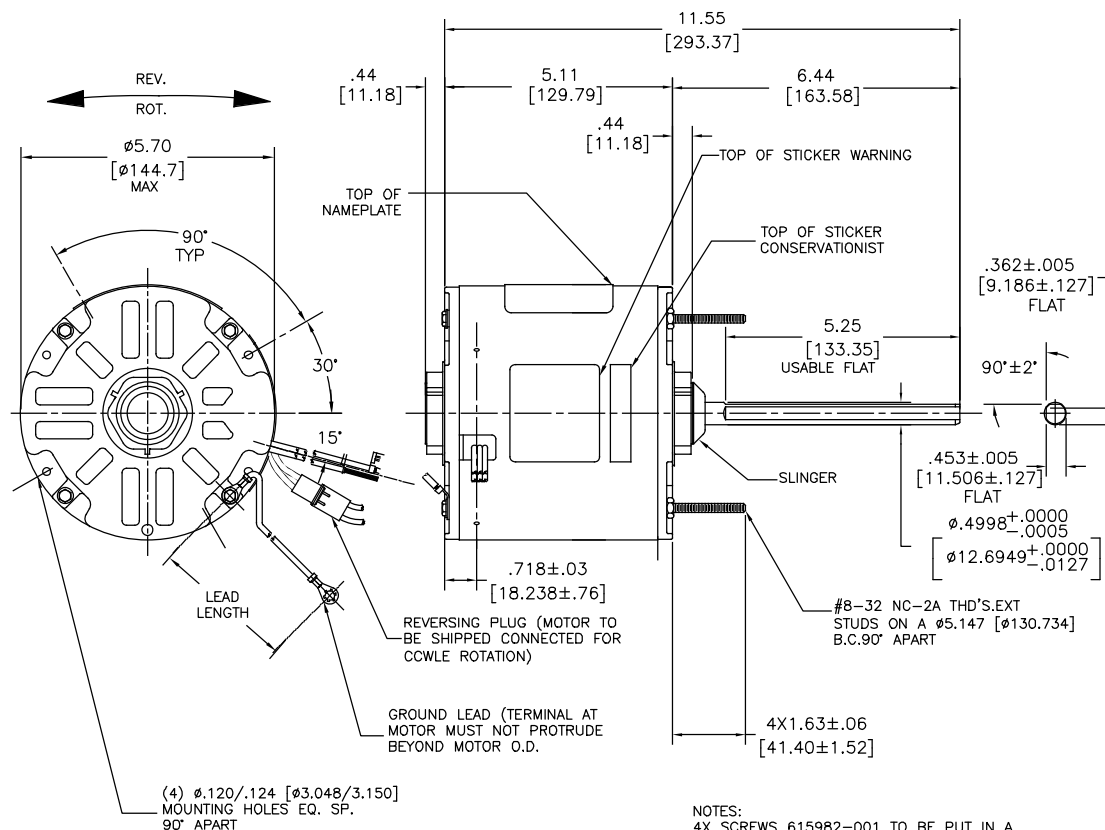
ELECTRICAL DATA:

OVERLOAD PROTECTOR: AUTOMATIC RESET (T.I. 7AM 036)

LINE LEADS: NO. 18 GA., .06 [1.52] THK. PVC 105°C INSUL.

REVERSING LEADS: NO. 18 GA., .03 [.76] THK. 125°C INSUL.

GROUND LEAD: NO. 18 GA., .03 [.76] THK. (GREEN) INSUL.



NOTES:
4X SCREWS 615982-001 TO BE PUT IN A POLYBAG.

NAMEPLATE DATA:		EXTERNAL CONNECTION DIAGRAM	
MODEL NO.:	F48A03A01	BROWN ESP.CAP BRN/WHT YELLOW BLACK ROTATION BLACK CCWLE WHITE CWLE	614131-115
CUST. NO.:	F1036S		
HP:	1/3		
ROT:	REVERSIBLE		
RPM:	1075		
TYPE:	UF		
FRAME:	48Y		
VOLTS:	208-230		
PH:	1		
AMPS:	1.7 (2.6 MAX.)		
HZ:	60/50		
INS:	B		
AMB:	60°C		
DUTY:	AIR OVER		
CAP.:	7.5 MFD/370 V		
ENCL:	SEMI-ENCL.		
UL & CSA LOGO	THERMALLY PROTECTED		
PERFORMANCE CURVE NO.	TORQUE @ 1075 RPM (25°C)	APPROVED SAMPLE	UL COMPONENT
C30445	37.6 OZ. FT.	89AC308A	E46412
		CSA	
		FILE #	CCN #
		LR43341	4211-01

GREEN (GROUND)	12.0/13.0 [304.8/330.2]	#10 EYELET
BLACK/WHITE	3.0/5.0 [76.2/127.0]	REVERSING PLUG
BROWN/WHITE	26.0/28.0 [660.4/711.2]	.25 [6.35] FLAG
BROWN	26.0/28.0 [660.4/711.2]	.25 [6.35] FLAG
YELLOW	26.0/28.0 [660.4/711.2]	.60 [15.24] SKIN
BLACK	26.0/28.0 [660.4/711.2]	.60 [15.24] 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	OPEN

CUSTOMER	DISTRIBUTION SERVICE
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DRAWING REVISION	REVISION BY	DATE
B	CELINE ZHAO	05-23-2019
ECO	APPROVED BY	DATE
ECO-0166568	KEYUN GONG	05-23-2019
ECO DESCRIPTION		
SEE ECO		

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ENCLOSURE

DRAWN BY:	R. RHODUS
DATE:	07-18-1994
APPROVED BY:	
DATE:	07-25-1994
PROCESS/FINISH	
THIRD ANGLE PROJECTION	



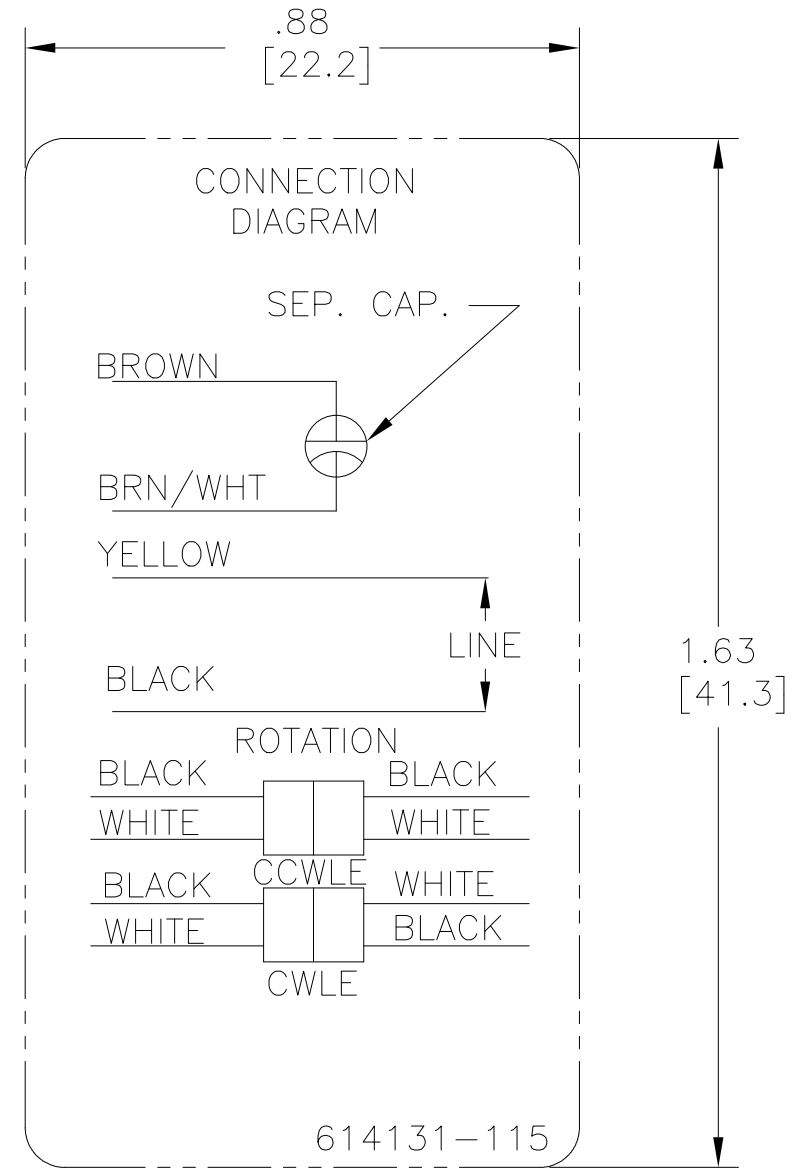
Regal-Beloit America, Inc.

MODEL-RFHP-48FR
OUTLINE

MATERIAL	
SIZE DWG NO	
C	

F1036S

SHEET 1



- NOTES:
- 1. FOR USE WITH 614129 NAMEPLATE BLANK
 - 2. — — — — — INDICATES DIMENSION LIMITS
 - 3. DIE TO BE MADE FROM MASTER SUPPLIED BY A. O. SMITH CORPORATION
 - 4. DIE MUST PRODUCE A LEGIBLE IMPRESSION

DRAWING REVISION			TOLERANCES UNLESS OTHERWISE SPECIFIED			DRAWN BY:			REGAL™ Regal Beloit America, Inc.			
D	REVISION BY	DATE	DEC.	INCH	mm	ANGLE	J. RUPERT					
ECO	APPROVED BY	DATE	.X	±0.1	[±2.5]	±0.5°	DATE:	06-24-2010	DESCRIPTION			
NMR-0210333	J. RUPERT	09-09-2021	.XX	±0.02	[±0.51]		APPROVED BY:					
ECO DESCRIPTION			.XXX	±0.005	[±0.127]		T. RILEY		CONN DIAGRAM EXTERNAL			
REVISED FOR UP ISSUE			.XXXX	±0.0005	[±0.0127]		DATE:	06-24-2010				
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			CORNER FILLETS R.02 [.51]			THIRD ANGLE PROJECTION			SIZE		DWG NO	SHEET
			MACHINED SURFACES						A		4 of 4	
			mm SHOWN IN [BRACKETS]						614131-115		1	