

PRODUCT INFORMATION PACKET



Model No: FY1106V1

Catalog No: FY1106V1

1 HP Condenser Fans HVAC/R Motor, 1 phase, 1200 RPM, 200-230/460 V, 56Y Frame, Semi Enclosed
Condenser Fans Motors



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The REGAL logo consists of the word 'REGAL' in a bold, white, sans-serif font, set against a dark grey rectangular background with a slight shadow effect.

REGAL



Nameplate Specifications

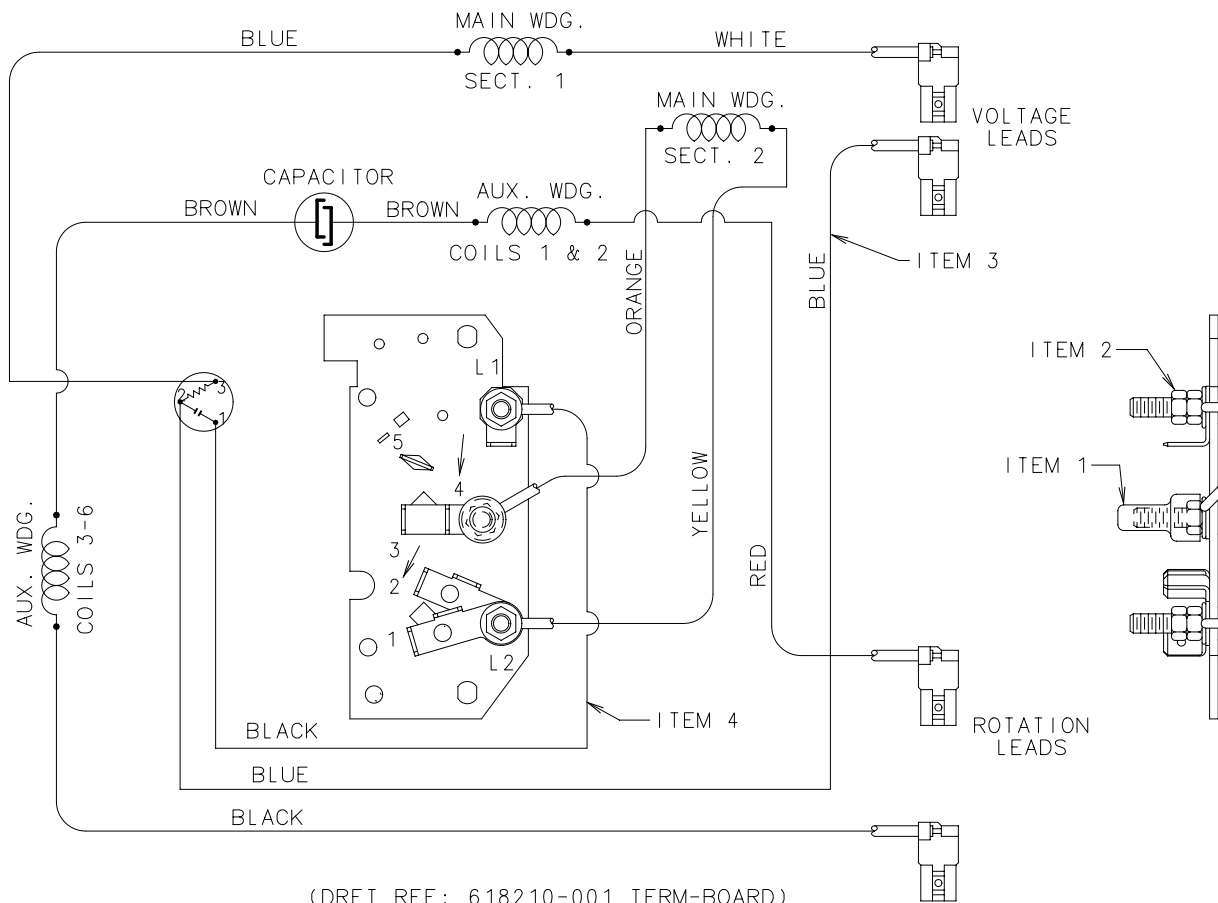
Output HP	1 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	200-230/460 V
Current	5/2.5 A	Speed	1075 rpm
Service Factor	1	Phase	1
Duty	Continuous	Insulation Class	B
Frame	56Y	Enclosure	Semi Enclosed
Thermal Protection	Automatic	Ambient Temperature	60 °C
UL	No	CSA	Y
CE	N		

Technical Specifications

Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Mounting	Resilient Base	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Keyed	Overall Length	16.34 in
Frame Length	7.19 in	Shaft Diameter	0.625 in
Shaft Extension	6.00 in		

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619566



P / N	ROT.	CONNECTION	VOLT	CONNECTION
-001	CCW	BLACK → 2	460	WHITE → 1
		RED → 4		BLUE → 3
-002	CW	RED → 2	460	WHITE → 1
		BLACK → 4		BLUE → 3
-003	CCW	BLACK → 2	230	WHITE → 1
		RED → 4		BLUE → 3
-004	CW	RED → 2	230	WHITE → 1
		BLACK → 4		BLUE → 3

DUAL VOLTAGE
REVERSIBLE
THERMAL PROTECTOR

NOTES:

- CONNECT REVERSING & VOLTAGE LEADS PER DASH CONDITION SPECIFIED IN B.O.M. FOR MODEL.
- CONNECT REVERSING LEADS TO TERMINALS MARKED BY AN ARROW.
- LEAD LOCATION SHOULD BE ESSENTIALLY AS SHOWN.

PARTS LIST

ITEM	REQ	DESCRIPTION	PART NUMBER
1	1	PROTECTOR	167A168H01
2	5	HEX NUT-#8	368C210H05
3	1	LEAD	058BL16-AH-070-U5
4	1	LEAD	058B16-KD-075-U5

(DRFT REF: 618210-001 TERM-BOARD)

DATE	CHANGED FROM	APPROVED ENG DRF	NOTICE	DATE	CHANGED FROM	APPROVED ENG DRF	NOTICE
				3/10/04	REDRAWN TO CAD	ED JAB	0441191

GEOMETRIC CHARACTERISTICS & SYMBOLS
 □ FLATNESS
 — STRAIGHTNESS
 ∠ ANGULARITY
 ⊥ PERPENDICULARITY (SQUARENESS)
 // PARALLELISM
 ○ ROUNDNESS (CIRCULARITY)
 ∅ CYLINDRICITY
 ▭ PROFILE OF ANY SURFACE

UNLESS OTHERWISE SPECIFIED DIMENSION TOLERANCES ARE AS FOLLOWS
 INCHES .X .XX .XXX ±.02 ±.005
 METRIC ±.5 ±.3
 ANGLES ±.50 DEG
 REMOVE BURRS AND BREAK SHARP EDGES .003-.015
 CORNER FILLETS TO .020
 MACHINE SURFACES 125 ✓

MATERIAL -
 PROCESS SEE NOTES

DRAWN J. BLANKENSHIP 3/10/04
 APPROVED -
 REFERENCE -

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DESCRIPTION
EXTERNAL PARTS & CONNECTIONS

SIZE PART NUMBER
 APPLICATION 619566