

# PRODUCT INFORMATION PACKET

Model No: 048A17O128

Catalog No: X477

0.17 HP Fan and Blower HVAC/R Motor, 1 phase, 1800 RPM, 115 V, 48Y Frame, OPAO  
Direct Drive Motors



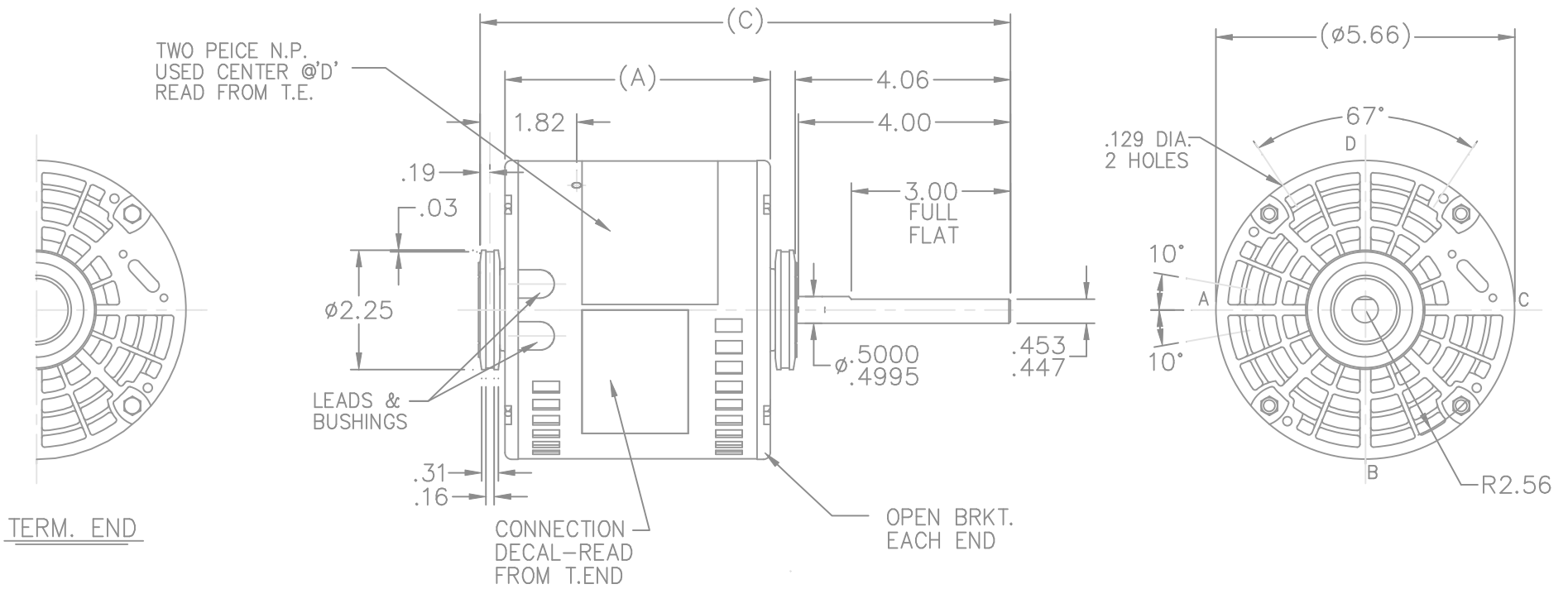
### Nameplate Specifications

|                        |                           |                            |               |
|------------------------|---------------------------|----------------------------|---------------|
| Output HP              | 0.17 Hp                   | Output KW                  | 0.13 kW       |
| Frequency              | 60 Hz                     | Voltage                    | 115 V         |
| Current                | 2.6 A                     | Speed                      | 1625 rpm      |
| Service Factor         | 1                         | Phase                      | 1             |
| Efficiency             | 52.5 %                    | Power Factor               | 80.4          |
| Duty                   | Continuous                | Insulation Class           | A             |
| Design Code            | NO DESIGN CODE            | KVA Code                   | C             |
| Frame                  | 48Y                       | Enclosure                  | Open Air Over |
| Thermal Protection     | Automatic Lock Rotor Only | Ambient Temperature        | 40 °C         |
| Drive End Bearing Size | 6203                      | Opp Drive End Bearing Size | 6203          |
| UL                     | Recognized                | CSA                        | N             |
| CE                     | N                         | IP Code                    | 10            |

### Technical Specifications

|                       |                           |                       |                            |
|-----------------------|---------------------------|-----------------------|----------------------------|
| Electrical Type       | Permanent Split Capacitor | Starting Method       | Across The Line            |
| Poles                 | 4                         | Rotation              | Selective Counterclockwise |
| Mounting              | Resilient Rings           | Motor Orientation     | Horizontal                 |
| Drive End Bearing     | Ball                      | Opp Drive End Bearing | Ball                       |
| Frame Material        | Rolled Steel              | Shaft Type            | Single Special Extension   |
| Overall Length        | 9.00 in                   | Frame Length          | 3.50 in                    |
| Shaft Diameter        | 0.500 in                  | Shaft Extension       | 4.06 in                    |
| Assembly/Box Mounting | F1 ONLY                   |                       |                            |
| Outline Drawing       | A-SS403801-350            | Connection Drawing    | 6906496                    |

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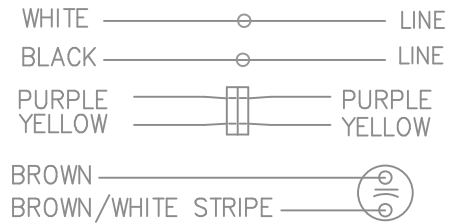
LEAD DESCRIPTION:

1 BLACK AND 1 WHITE LEAD WITH .50 BARE WIRE STRIP. 36.00 TO 38.00 LONG.

2 BROWN LEADS WITH .25 FLAG-TYPE QUICK CONNECTS 36.00 TO 38.00 LONG

WHITE MARKED LEAD IS COMMON TO WHITE. REVERSING LEADS ARE MOLDED INTO MATING PULL APART PLUGS. 1 YELLOW & 1 PURPLE LEAD PER PLUG. 4.00 TO 6.00 LONG.

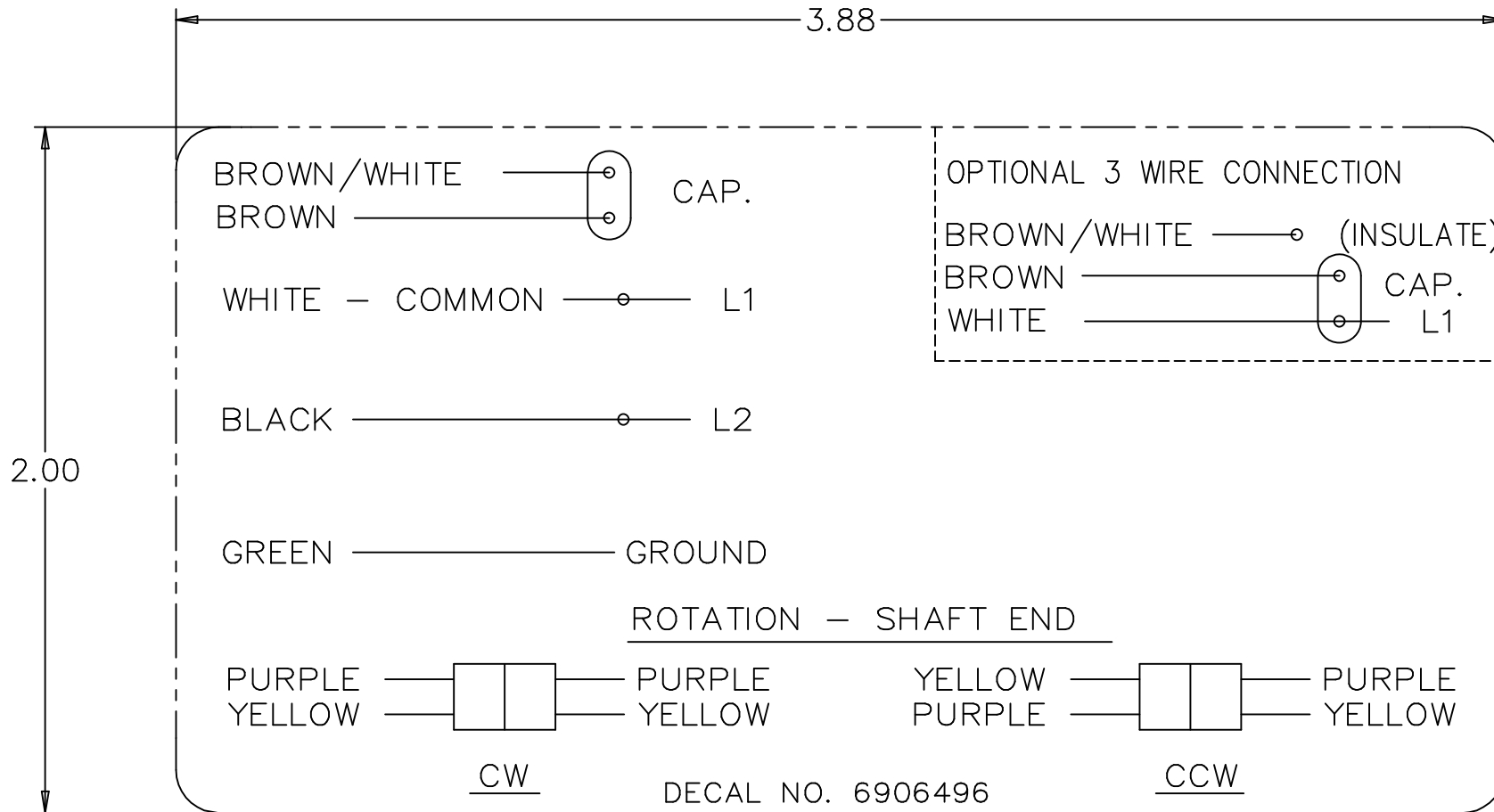
CW ROTATION - SHAFT END SHOWN TO REVERSE, CONNECT PURPLE TO YELLOW, AND YELLOW TO PURPLE



| DASH | FR. | C     | A    |
|------|-----|-------|------|
| 350  | 48Y | 9.00  | 4.00 |
| 375  | 48Y | 9.25  | 4.25 |
| 400  | 48Y | 9.50  | 4.50 |
| 425  | 48Y | 9.75  | 4.75 |
| 475  | 48Y | 10.25 | 5.25 |

|     |          |           |     | TOLERANCES UNLESS SPECIFIED |            |          | DRAWN RP 01-07-2009 |               |                         |
|-----|----------|-----------|-----|-----------------------------|------------|----------|---------------------|---------------|-------------------------|
|     |          |           |     | DEC.                        | INCHES     |          | CHK                 | SP 01-07-2009 |                         |
|     |          |           |     | .X                          | ±.1        |          | APPD                | NB 01-07-2009 |                         |
|     |          |           |     | .XX                         | ±.02       |          | SCALE               | 3=9           |                         |
|     |          |           |     | .XXX                        | ±.005      |          | REF                 | SS403417      |                         |
|     |          |           |     | .XXXX                       | ±.0005     | MAT'L.   | FMF 07-2426         |               |                         |
| NO. | REVISION | BY & DATE | CHK | ANG                         | ±7'30"     | FINISH   | PREV                |               |                         |
|     |          |           |     | RFP                         | 01-07-2009 | CAD FILE | SS403801            | SIZE          | DRAWING NO. PAGE 1 OF 1 |
|     |          |           |     | DIST                        | WP         |          |                     | A             | SS403801                |
|     |          |           |     |                             |            |          |                     | REV.          |                         |

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| NO.  | REVISION                                  | BY & DATE      | CHK | TOLERANCES UNLESS SPECIFIED |        | FINISH  | DRAWING NO.      | PAGE | OF          | REV.    |
|--|---|----------------|-----|-----------------------------|--------|---------|------------------|------|-------------|---------|
|  |   |                |     | DEC.                        | INCHES |         |                  |      |             |         |
| 4  | ADDED DIM. TO DECAL                       | RDH 09/22/2003 | ML  | .X                          | ±.1    |         |                  |      |             |         |
| 3  | REMOVED 'MARATHON ELECTRIC' CN 35106      | DRS 05-01-2002 | TOM | .XX                         | ±.02   |         |                  |      |             |         |
| 2  | PART NAME WAS CONNECTION DIAGRAM CN 25669 | MRB 04-23-1998 |     | .XXX                        | ±.005  |         |                  |      |             |         |
| 1  | NEW DRAWING CN 25669                      | MRB 04-22-1998 |     | .XXXX                       | ±.0005 |         |                  |      |             |         |
|  |   |                |     | ANG                         | ±7'30" |         |                  |      |             |         |
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|  |   |                |     |                             |        | DIST WP | A                |      | DRAWING NO. | 6906496 |
|  |   |                |     |                             |        |         | PAGE             |      | OF          | 4       |
|  |   |                |     |                             |        |         | REV.             |      |             | 4       |



DRAWN MRB 04-16-1998  
 CHK ML 04-22-1998  
 APPD GK 04-22-1998  
 TITLE CONNECTION DECAL  
 SCALE 1=1  
 REF  
 FMF  
 PREV

