

# PRODUCT INFORMATION PACKET



Model No: ORM5458BU

Catalog No: ORM5458BU

4-in-1® Condenser Fan Motor, 1/3-1/6 HP, 1 Ph, 60 Hz, 208-230 V, 1075 RPM, 1 Speed, 48 Frame, TEAO



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### Nameplate Specifications

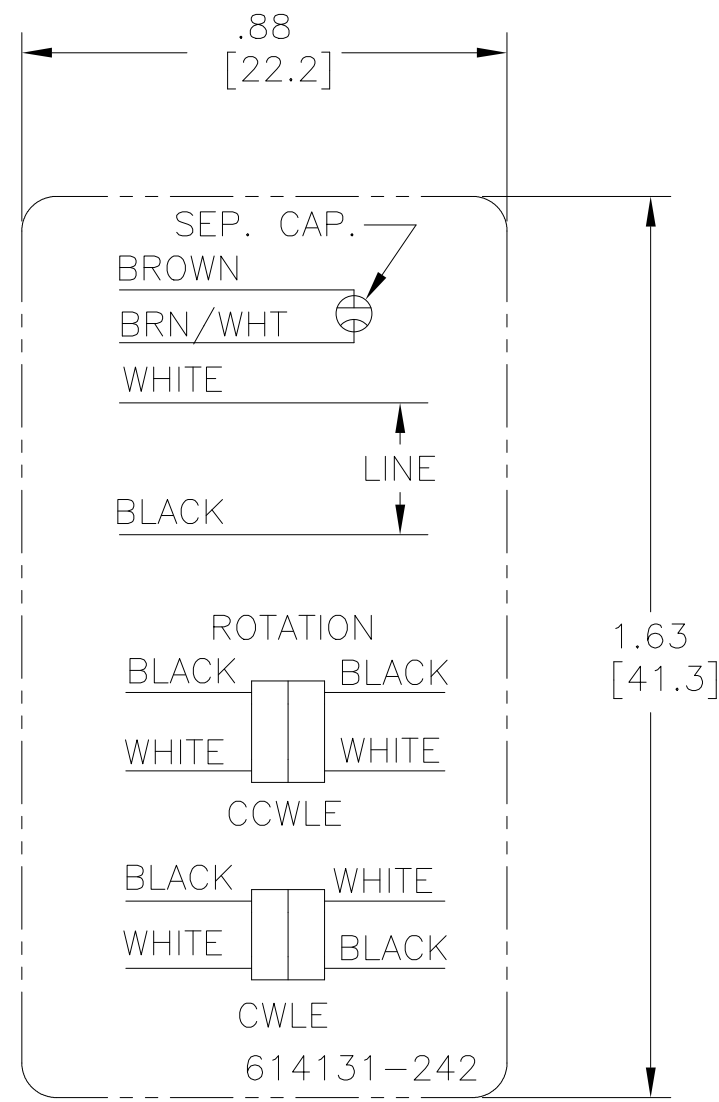
|                    |            |                     |                           |
|--------------------|------------|---------------------|---------------------------|
| Phase              | 1          | Output HP           | 1/3-1/6 Hp                |
| Output KW          | 0.25 kW    | Voltage             | 208-230 V                 |
| Speed              | 1075 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              | 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     | 11.49 in                  | Frame Length          | 4.19 in         |
| Shaft Diameter     | 0.500 in                  | Shaft Extension       | 6.5 in          |
| Connection Drawing | 614131-242                | Outline Drawing       | ORM5458BU_FA    |

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- 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<br>H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | REVISION BY<br>J. RUPERT | DATE<br>03-16-2022 | TOLERANCES UNLESS OTHERWISE SPECIFIED<br><div>DEC. INCH mm ANGLE</div> <div>.X ±0.1 [±2.5] ±0.5°</div> <div>.XX ±0.02 [±0.51]</div> <div>.XXX ±0.005 [±0.127]</div> <div>.XXXX ±0.0005 [±0.0127]</div> <div>REMOVE BURRS &amp; BREAK SHARP EDGES .003/.015 [.076/.381] X 45°</div> <div>CORNER FILLETS R.02 [.51]</div> <div>MACHINED SURFACES 125/INCH mm 3.2/</div> <div>mm SHOWN IN [BRACKETS]</div> | DRAWN BY:<br>YL        | <div><div>REGAL™</div><div>Regal Beloit America, Inc.</div></div>                     |           |                  |            |  |            |  |
| ECO<br>NMR-0213140                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | APPROVED BY<br>J. RUPERT | DATE<br>03-16-2022 |                                                                                                                                                                                                                                                                                                                                                                                                         | DATE:<br>04-15-2011    | DESCRIPTION<br><div>CONNECTION DIAGRAM</div> <div>EXTERNAL</div>                      |           |                  |            |  |            |  |
| ECO DESCRIPTION<br>REVISED FOR UP ISSUED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                          |                    |                                                                                                                                                                                                                                                                                                                                                                                                         | APPROVED BY:<br>HZ     |                                                                                       |           |                  |            |  |            |  |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                          |                    |                                                                                                                                                                                                                                                                                                                                                                                                         | REFERENCE              | .                                                                                     |           | .                |            |  |            |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                          |                    |                                                                                                                                                                                                                                                                                                                                                                                                         | THIRD ANGLE PROJECTION |  | SIZE<br>A | DWG NO<br>4 of 4 | 614131-242 |  | SHEET<br>1 |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                          |                    |                                                                                                                                                                                                                                                                                                                                                                                                         |                        |                                                                                       |           |                  |            |  |            |  |