

**IP [English] Dimensions
SI (Metric) In Parentheses**

CARNES COMPANY, 448 S. Main St., P. O. Box 930040, Verona, WI. 53593-0040 Phone: 608/845-6411 Fax: 608/845-6470 carnes@carnes.com www.carnes.com

- VERIFY THAT ALL PLACEMENT AND INSTALLATION TASKS HAVE BEEN COMPLETED, INCLUDING THE REMOVAL OF ALL AIRFLOW OPENING DAMPER SHIPMENT COVERS.
- INSTALL FILTERS OBSERVING THE AIRFLOW DISCHARGE ARROWS.
- VERIFY TENSION ON FAN BELT IS PROPER. THE BELTS SHOULD BE TIGHT ENOUGH NOT TO “SQUEAL” AUDIBLY ON START-UP.
- CHECK UNIT ELECTRICAL DIAGRAM FOR SETTINGS ON OPTIONAL THERMOSTATS, TIMERS AND MOTOR CONTROLS THAT ARE INCLUDED.
- VERIFY FAN ROTATION. REMOVE ACCESS PANELS TO VIEW THIS PROCEDURE. THIS MAY ALSO BE ACCOMPLISHED BY LOOKING THROUGH THE EXHAUST DISCHARGE DAMPER.
- DO NOT OBSERVE RUN INSPECTIONS WITH THE ACCESS PANEL REMOVED FOR MORE THAN 2 MINUTES. FORWARD-CURVED FANS WILL OVERLOAD SEVERELY IF OPERATED WITHOUT ALL ACCESS PANELS IN PLACE. IF LONGER THAN 2 MINUTES, TRIPPING MOTOR STARTER, THERMAL OVERLOADS AND/OR DAMAGE TO THE MOTOR COULD OCCUR.**
- IF YOU ARE UNABLE TO START THE UNIT, CHECK FOR:
 - Proper electrical power supplies, control power and supplemental utility supplies.
 - Reset the thermal overload(s) on the fan motors.
 - All disconnect switch(es) within the unit are on the power supplied to the unit when power is switched on.
 - All “Field Wired” and/or “Provided” controls are properly installed, compatible with unit equipment and controls, and set to the proper settings for unit operation.

CAUTION: *Avoid operating the fans for extended periods unless the wheel is also operating. During rotation the wheel is self-cleaning, but when stopped, debris can increase the static pressure drop across the wheel, and can result in damage to the wheel surface whenever wheel rotation is resumed.*