



CORNELIUS INC ■ One Cornelius Place ■ Anoka, MN 55303-6234

Telephone (800) 238-3600

Facsimile (800) 535-4231

INSTALLATION MANUAL

REPLACEMENT CONDENSER FAN MOTOR KIT

Read and understand these instructions thoroughly before installing this kit. These instructions outline the procedure for installing the Replacement Condenser Fan Motor Kit (P/N 199508088, 322417088, 322418088, 4018, or 4019). Retain these instructions as part of your equipment manual.

NOTE: Only qualified personnel should install this kit.

KIT UNPACKING AND INSPECTION

Unpack the Replacement Condenser Fan Motor Kit. Make sure all kit parts are present and in good condition.

Kit P/N 199508088

Table 1. Loose-Shipped Parts			
Item No.	Part No.	Name	Qty.
1	199508011	Condenser Fan Motor, 230 VAC, 50Hz	1
2	300580000	Thread Rolling Screw, Phil Pn Hd, 8-32 X 3/8-inch Long	4

Kit P/N 322417088

Table 2. Loose-Shipped Parts			
Item No.	Part No.	Name	Qty.
3	322417011	Condenser Fan Motor, 115 VAC, 60Hz	1
4	300580000	Thread Rolling Screw, Phil Pn Hd, 8-32 X 3/8-inch Long	4

Kit P/N 322418088

Table 3. Loose-Shipped Parts			
Item No.	Part No.	Name	Qty.
5	322418011	Condenser Fan Motor, 115 VAC, 60Hz	1
6	300580000	Thread Rolling Screw, Phil Pn Hd, 8-32 X 3/8-inch Long	4

Kit P/N 4018

Table 4. Loose-Shipped Parts			
Item No.	Part No.	Name	Qty.
7	3453	Condenser Fan Motor, 115 VAC, 60Hz	1
8	300580000	Thread Rolling Screw, Phil Pn Hd, 8-32 X 3/8-inch Long	4
9	3750	Terminal Cord and Ring	1

Kit P/N 4019

Table 5. Loose-Shipped Parts			
Item No.	Part No.	Name	Qty.
10	3452	Condenser Fan Motor, 115 VAC, 60Hz	1
11	300580000	Thread Rolling Screw, Phil Pn Hd, 8-32 X 3/8-inch Long	4
12	3750	Terminal Cord and Ring	1

INSTALLATION INSTRUCTIONS



WARNING: Disconnect electrical power from the Unit to prevent personnel injury before attempting to remove the old condenser fan motor.

1. Disconnect electrical power from the Unit.
2. Remove old condenser fan motor from the Unit.
3. Remove fan blade from the old condenser fan motor and install it on the shaft of the new condenser fan motor.

NOTE: When installing Kit P/N 4018 or 4019, the new loose-shipped TERMINAL CORD AND PLUG *must* be used to electrically connect the new CONDENSER FAN MOTOR to the Unit wiring harness.

4. Install new condenser fan motor on the Unit and secure with new thread rolling sems screws (P/N 300580000). *MAKE SURE THE SCREWS ARE TIGHTENED SECURELY TO ESTABLISH GROUND CIRCUIT BETWEEN THE CONDENSER FAN MOTOR AND IT'S MOUNTING BRACKET.*
5. Spin fan blade to be sure it turns freely.
6. Apply electrical power to the Unit and check operation of the new condenser fan motor.