

460 VOLT CONVERSION KIT PARTS AND INSTRUCTIONS

- 1/2 HP 3/4 HP 1 HP 1-1/2 HP 2 HP 3 HP
 5 HP 7-1/2 HP 10 HP 15 HP 20 HP

SIMPLEX Part No. _____ **DUPLEX**

READ CAREFULLY BEFORE ATTEMPTING TO ASSEMBLE, INSTALL, OPERATE OR MAINTAIN THE PRODUCT DESCRIBED. PROTECT YOURSELF AND OTHERS BY OBSERVING ALL SAFETY INFORMATION. FAILURE TO COMPLY WITH INSTRUCTIONS COULD RESULT IN PERSONAL INJURY AND/OR PROPERTY DAMAGE! THIS INFORMATION IS FOR THE 460 VOLT CONVERSION ONLY. REFER TO THE AIR COMPRESSOR MANUAL FOR FURTHER INFORMATION.

Description

This kit converts a 208/230 volt operation to a 460 volt operation.

Operation

⚠ WARNING ALL ELECTRICAL WORK SHOULD BE COMPLETED BY A QUALIFIED ELECTRICIAN.

⚠ WARNING DISCONNECT POWER BEFORE SERVICING THIS UNIT.

1. Disconnect power from the unit before performing the following steps.
2. Remove the motor junction box cover. Cut off all wire termination as close as possible to the termination (See Figure 1).

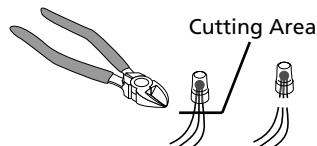


Figure 1 Cutting Area

3. Strip a 3/8 inch section from all wire leads (See Figure 2).



Figure 2 Stripping Area

4. Crimp the termination connectors or twist-on wire nut supplied in kit for each motor as shown in Figure 3. (Use proper size crimping tool).

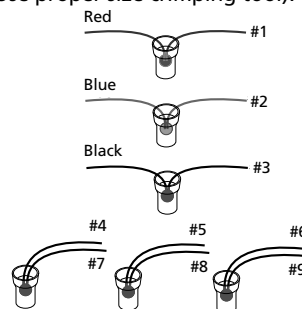


Figure 3 Termination Diagram

5. Reinstall the motor junction box cover. Make sure the wires are not pinched.
6. Remove the starter(s) box covers. Replace the overload relay thermal units with the thermal units supplied in this kit.
7. CHECK COIL VOLTAGE. Replace coil if necessary for 460 volt operation. If a 480 volt coil was included, use it for converting to 460 volts.
8. Complete the power supply hookups. Push the reset buttons on the front of the starter. The compressor is ready for 460V operation.

⚠ CAUTION Check for proper rotation after rewiring.