



**INSTALLATION INSTRUCTIONS FOR OUTDOOR MOTOR / FAN BLADE
REPLACEMENT KIT USED ON ML16XP1 AND EL16XP1 UNITS**

Shipping and Packing List

Check unit for shipping damage. Consult last carrier immediately if damage is found.

Package 1 of 1 contains:

- 1 – 100016-05 Variable-Speed Fan Motor
- 1 – Wiring Diagram for ML16XP1 and EL16XP1 3-5 Ton (538019-01)

⚠ WARNING

Improper installation, adjustment, alteration, service or maintenance can cause property damage, personal injury or loss of life. Installation and service must be performed by a licensed professional HVAC installer or equivalent, service agency, or the gas supplier.

⚠ CAUTION

As with any mechanical equipment, contact with sharp sheet metal edges can result in personal injury. Take care while handling this equipment and wear gloves and protective clothing.

⚠ WARNING



Electric Shock Hazard! – Disconnect all power supplies before servicing.
Replace all parts and panels before operating.
Failure to do so can result in death or electrical shock.

NOTE – After the motor / fan replacement kit is installed, the resulting unit configuration is that of an N model and the N-model wiring diagram becomes applicable to the respective unit.

Application

Instructions for removal of factory-installed outdoor one-piece motor / plastic fan blade assembly and installation of alternate motor and metal fan blade.

This kit can be applied to ML16XP1 and EL16XP1 3-through 5-ton models.

NOTE – Replacement outdoor motor and metal fan blade must be ordered separately.

⚠ WARNING

Fan motor / grille assembly is heavy. Take care when removing and reinstalling.
Failure to do so may result in injury.

Replacement Procedure

- 1 - Disconnect all power to unit. Remove unit access panel. See unit installation instructions for access panel removal procedure.
- 2 - Disconnect all wire connections to and from the outdoor fan motor.
- 3 - Remove top panel with fan motor / fan blade attached.
- 4 - Remove fan blade from motor shaft and save for reattachment to new motor later.
- 5 - Remove fan motor from top panel assembly.
- 6 - Install new fan motor packaged in this kit.
- 7 - Reinstall fan blade on the new fan motor.
- 8 - Route fan wires through conduit to the control panel.
- 9 - Secure top panel assembly back onto the unit.
- 10 - See the provided wiring diagram sticker for routing of connections.
- 11 - Place the provided wiring diagram sticker over the existing diagram on the control access panel.
- 12 - Check all other wire connections before reconnecting power.
- 13 - Restore power to the unit.



TABLE 1. Fan RPM for ECM Motors

Model Number	Stage 1 RPM	Stage 2 RPM	EDA Stage RPM
(M/E)L16XP1-036-230XXX (M/E)L16XP1-042-230XXX (M/E)L16XP1-048-230XXX (M/E)L16XP1-060-230XXX	820	N/A	250



ECM MOTOR

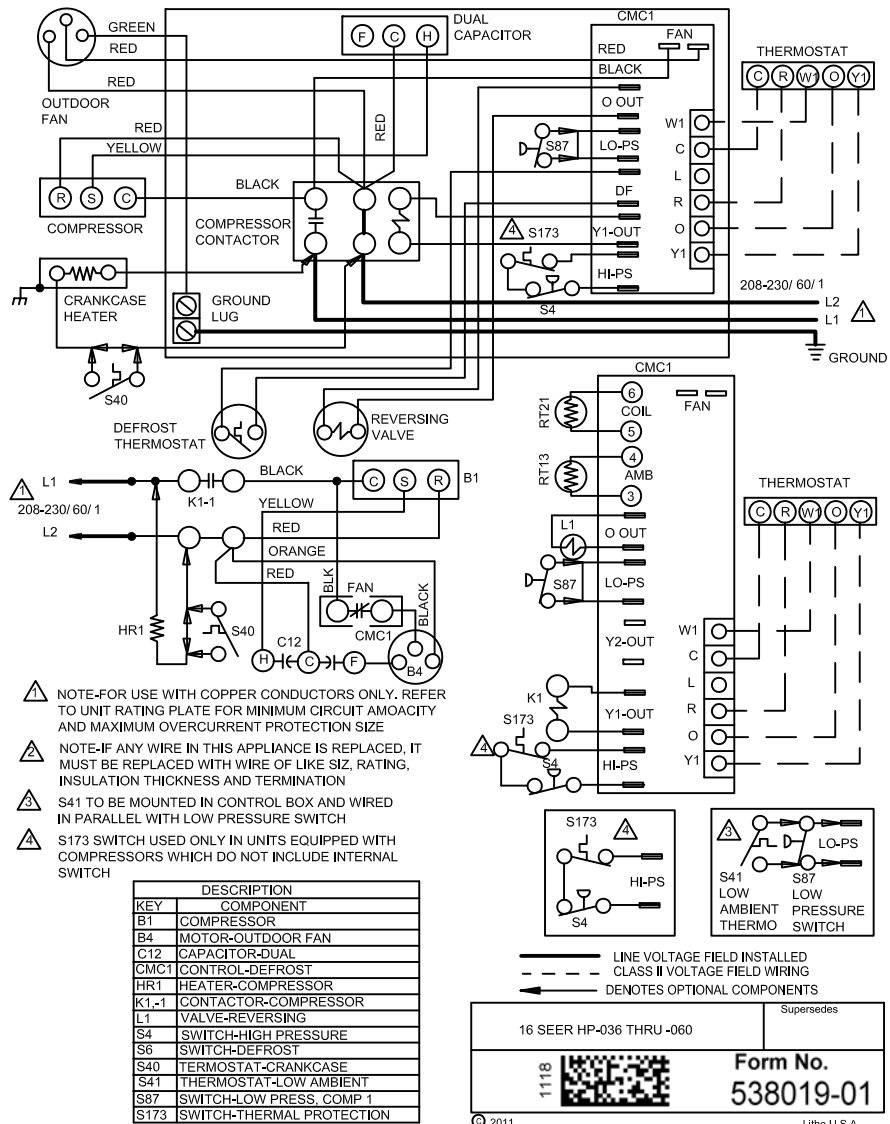


FIGURE 1. Typical Wiring Diagram – 16 SEER Heat Pump -036 through -060