

# Installation Instructions

**Application Note:** This kit enables the installer to easily connect an air purifier unit kit to a fan coil unit, eliminating the need to run a separate power supply to the accessory. Use of this kit may eliminate the requirement for a licensed electrician to complete the job (check local codes).

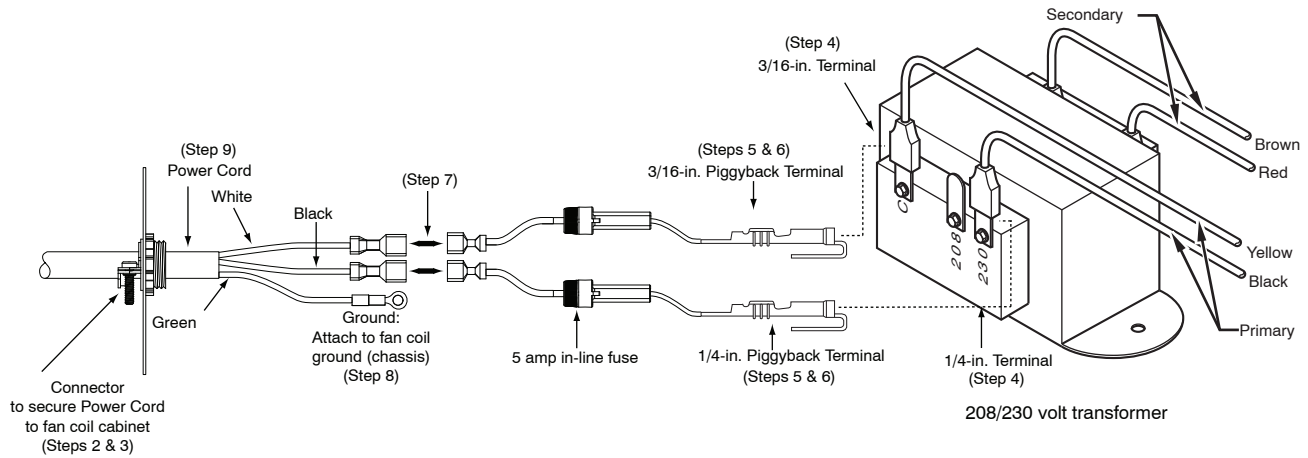



Fig. 1 - Connection of Transformer

A09616A

**NOTE:** Read the entire instruction manual before starting the installation.

## SAFETY CONSIDERATIONS

Improper installation, adjustment, alteration, service, maintenance, or use can cause explosion, fire, electrical shock, or other conditions which may cause death, personal injury or property damage. Consult a qualified installer, service agency, or your distributor or branch for information or assistance. The qualified installer or agency must use factory-authorized kits or accessories when modifying fan coils. Refer to the individual instructions packaged with the kits or accessories when installing.

Recognize safety information. When you see this symbol  on the unit and in instructions or manuals, be alert to the potential for personal injury. Understand the signal words **DANGER**, **WARNING**, **CAUTION**, and **NOTE**. These words are used with the safety-alert symbol. **DANGER** identifies the most serious hazards which **will** result in severe personal injury or death. **WARNING** signifies hazards which **could** result in personal injury or death. **CAUTION** is used to identify unsafe practices which **may** result in minor personal injury or product and property damage. **NOTE** is used to highlight suggestions which **will** result in enhanced installation, reliability, or operation.

## CAUTION

### CUT HAZARD

Failure to follow this caution may result in personal injury. Sheet metal parts may have sharp edges or burrs. Use care and wear appropriate protective clothing and gloves when handling parts.

## WARNING

### ELECTRICAL SHOCK HAZARD

Failure to follow this warning could result in personal injury or death.

Before installing or servicing unit, always turn off all power to unit. There may be more than 1 disconnect switch. Turn off accessory heater power, if applicable.

## INSTALLATION

Step 1 — Shut off power to the fan coil control panel at the main circuit breaker. More than one disconnect may power the equipment. Be certain all power is removed prior to proceeding.

Step 2 — Remove a knockout in the fan coil casing near the transformer of the fan coil.

Step 3 — Remove the locknut from the connector of the power cord. Route the power leads from the air purifier through the knockout in the casing. Cord should be routed with sufficient slack to allow service of the coil section. Re-install the locknut on the connector.

Step 4 — Remove the yellow and black primary wires from the transformer terminals.

Step 5 — Connect the in line fuse assemblies to the quick-connects of the fan coil transformer. Note that there are (1) 1/4-in. and (1) 3/16-in. quick connects that match to the same size terminals of the transformer.

Step 6 — Connect the yellow and black transformer primary wires to the piggyback terminals of the in-line fuse assemblies.

Step 7 — Connect the quick-connect terminals of the in-line fuse assemblies to the quick connect terminals of the air purifier power cord

Step 8 — Connect the ground lead ring terminal of the air purifier power cord to the fan coil chassis.

Step 9 — Verify the power cord does not interfere with servicing the coil, or with door installation.

**IMPORTANT:** Route the wiring so that coil service door can be removed.