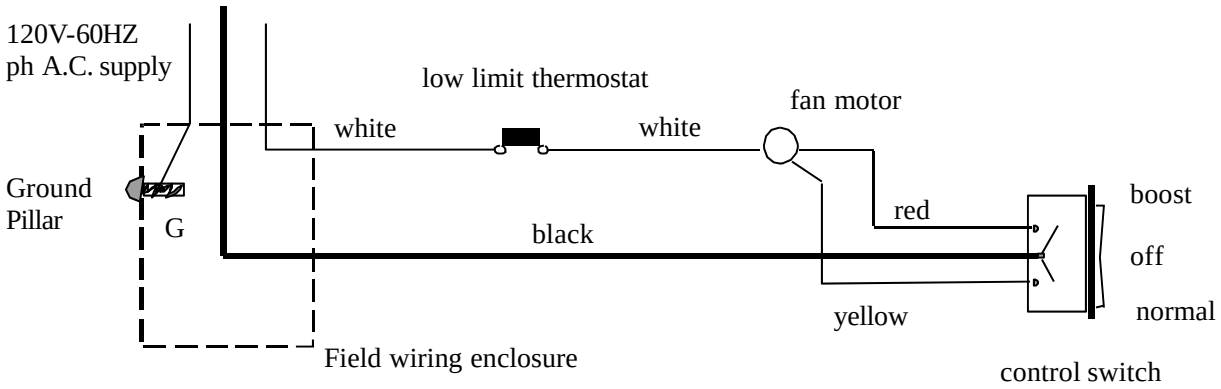
ELECTRICAL CONNECTIONS

ALL ELECTRICAL CONNECTIONS MUST COMPLY WITH LOCAL AND/OR NATIONAL REGULATIONS. IF IN DOUBT, CONSULT A QUALIFIED ELECTRICIAN.

Smith's Environmental Products' kickspace heaters are UL approved.

Remove the electrical junction box cover through the screw provided. There are two knockouts in the back and side of the junction box. Select the most convenient and bring wiring through it. **Supply conductors should be 14 AWG and protected by a 15 AMP over current protector.** Connect line input to black lead, neutral to white lead, and ground to pillar marked G inside the junction box. Refer to diagram below for complete wiring instructions.

Internal Wiring Diagram



OPERATION

Before replacing the access cover in the cabinet bottom, ensure that the unit is operating properly. Activate the system thermostat and place speed switch on the front of the kickspace unit on MIN. Because of the low limit aquastat, it may take several minutes before the fan is activated. When the fan does come on, ensure that the switch is operational by moving position to OFF, then MAX. Best results are obtained by leaving the switch in the MIN position and reserving MAX for quick heat up or extreme conditions. If the unit is not operating, see troubleshooting tips at the end of this manual.

UNIT MAINTENANCE

The Quiet-One 2000 Series kickspace heaters are designed for years of trouble free operation with very little maintenance. It is recommended however that the unit be vacuumed occasionally through the front grille. This is especially important in areas with lots of dust, pet hair and dirt.

If servicing is required beyond this, contact the installing contractor or

Smith's Environmental Products
Customer Service
300 Pond St
Randolph, MA 02368
(781) 986 – 2525

TROUBLESHOOTING TIPS

If the kickspace heater fan does not operate:

1. Verify that supply voltage is 120 VAC, all wires are connected, and fan switch is in MIN or MAX position.
2. Verify that hot water is going to and through the unit at 130°F or above. Both supply and return pipes should be hot. An air bound coil will prevent the fan from operating. Bleed air from the coil if necessary.
3. By pass the low limit aquastat using a jumper wire. If the fan now runs, replace the aquastat.
4. If the fan does not run while the aquastat is jumped, replace the motor assembly.