



Duel Fuel Boiler Installation Instructions

Operating instructions and maintenance enclosed
Thoroughly read and understand instructions
Always leave this manual with stove owner

Follow the instructions within this manual. If instructions are not followed, a fire may result causing property damage, personal injury, or even death.

A carbon monoxide detector has been supplied with your stove. You must plug it in.

Danger risk of fire or explosion. Do not burn garbage, gasoline, drain oil, or other flammable liquids. Do not use chemicals or fluids to start fire.

Burn **rice anthracite** coal only

Stoves surfaces may be hot while in operation. Keep children away. Do not touch during operation

Do not connect this unit to a chimney flue serving another appliance.

Follow all local building and Zoning ordinances

Duel Fuel Installation Instructions

- I. The mechanics of installation of duel fuel boiler are the same as for stoker boiler with the following additions:
 1. Install dry baffle in place inside boiler on hangers welded to sides forward of wet baffle.
 2. Before installing door side jackets, install combustion chamber assembly using gasket provided between flanges.
 3. Proceed with stoker and boiler installation.
- II. Electrical
 1. Using prewired harness make connections from triple aquastat to stoker, oil burner and circulator. See wiring diagram, i.e. field wiring page 2.
- III. Set up and adjustment-Oil burner.
 1. Insert draft gauge in 1/4" hole in fire door.
 2. Move selector switch from stoker to oil.
 3. Follow burner manufacturer's instructions for adjustment of oil burner packed in burner carton.

DUEL FUEL CONVERSION

Necessary tools... 7/16th wrench, Phillip screwdriver, and fiberglass insulation

1. Turn master switch off (located directly above selector switch).
2. Turn selector switch to neutral position (center position).
3. Burner should now be shut off...if burner is still running, precede no further...Contact qualified electrician.
4. Using 7/16th wrench, disconnect oil line fitting that is connected to nozzle assembly (#1).
5. Unscrew finger nut (same location) until it is completely off nozzle assembly (#2).
6. Using a Phillip screwdriver, remove two screws from transformer (#4), which are located close to the furnace (#3).
7. Open hinged transformer toward you, hinge is (#5). Nozzle assembly will now be exposed.
8. Carefully remove nozzle assembly from air cone tube.
9. Place a handful of fiber glass insulation in air cone where nozzle assembly was just removed from.
10. Close transformer to its original position and reinstall screws.
11. Drain oil from nozzle assembly into container.
12. Store nozzle assembly in a safe place for future use.
13. Push selector switch to coal.
14. Turn master switch on.
15. Coal stoker should now be running.
16. Start fire, (Refer to instructions for starting a new coal fire).

To switch from coal to oil, reverse procedure.



