

# 3 – 5 Section Boiler Stand INSTALLATION INSTRUCTIONS

Keep these instructions with the boiler at all times  
for future reference

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## Be Aware of Hazard Definitions

- Danger** Denotes presence of a hazard which, if ignored, will result in severe personal injury, death or property damage
- Warning** Denotes presence of a hazard which, if ignored could result in severe personal injury, death or substantial property damage.
- Caution** Denotes the presence of a hazard, which if ignored, could result in minor personal injury or property damage
- Notice** Intended to bring attention to information, but not related to personal injury or property damage.

**Danger** This equipment must be installed, adjusted, serviced and started only by a qualified service agency – an individual or agency, licensed and experienced with all codes and ordinances, and who is responsible for the installation and adjustment of the equipment. The installation must comply with all local codes and ordinances and with the latest revision of the National Fire Protection Standard for Oil Burning Equipment, NFPA 31.

Read all instructions before proceeding. Follow all instructions completely. Failure to follow these instructions could result in equipment malfunction causing severe personal injury, death or substantial property damage.

Do not alter this vent kit or the boiler in any way. The manufacturer will not be liable for any damage resulting from changes made in the field to the boiler or its components or from improper installation. Failure to comply could result in severe personal injury, death, or substantial property damage.

Your oil fired boiler is designed to burn No. 1 and No. 2 heating oil only. Never use gasoline or a mixture of gasoline and oil.

Do not store gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

The area around the boiler should be kept free and clear of combustible materials.

Never burn garbage or refuse in your boiler.

Never try to ignite oil by tossing burning papers or other material into your boiler.

Do not attempt to start the burner when excess oil has accumulated or the boiler is full of vapors.

Do not operate boiler if the heat exchanger is damaged.

Do not jumper, attempt to bypass or override any of the safety limit controls.

Do not use this boiler if any part has been under water. Immediately call a qualified service technician to inspect the boiler and replace any part of the boiler, control system or burner that has been under water.

All installations must conform to the requirements of the authority having jurisdiction. Such applicable requirements take precedence over the general instructions of this manual.

Where required by the authority having jurisdiction, the installation must conform to the American Society of Mechanical Engineers Safety Code for Controls and Safety Devices for Automatically Fired Boilers, ANSI/ASME CSD-1.

**Notice** Concealed Damage- If you discover damage to the burner, boiler or controls during unpacking, notify the carrier at once and file the appropriate claim. When calling or writing about

the boiler please have the following information available: The boiler model number and serial number.

## **Installation Clearances**

**Warning** Boilers in rooms shall be installed with the clearances from combustible materials not less than indicated below. Combustible materials are those made of or surfaced with wood, compressed paper, plant fibers, plastics, or other material that will ignite and burn, whether flame proofed or not, or whether plastered or not.

The boiler must not be installed on carpeting or vinyl flooring

### **Minimum clearances to combustible construction are as follows:**

**TOP-24 IN.**  
**FRONT-12 IN.**  
**FLUE CONNECTOR SINGLE WALL PIPING – 9”**  
**FLUE CONNECTOR DOUBLE WALL DIRECT VENT PIPING – 2”**  
**REAR-2 IN.**  
**SIDES-2 IN.**

Consult NFPA-31 for construction techniques where the above minimum clearances cannot be obtained. Recommended clearances for servicing can be found in the boiler manual.

## **Boiler Stand Placement**

**PROVIDE A LEVEL SOLID BASE** as near chimney or direct vent as possible and centrally located with respect to the heat distribution system as practical.

The boiler must be placed within distances from boiler room walls and ceilings that comply with existing building codes and for ease of service.

## **Boiler Stand Leveling**

Level the boiler base using the leveling feet provided. After the stand is leveled tighten the jam nuts to ensure that the leveling legs do not come out of adjustment.

## **Boiler Placement**

**Caution** The boiler is top heavy and can easily be tipped forward or backward and may tip over if pushed too hard from the top of the jacket. Do not install the burner until all boiler piping has been installed and the boiler is sufficiently stable.

Place the boiler on the stand between the runners. The boiler may be positioned anywhere between the runners.

Completely pipe the boiler before installing the burner so that the unit is stable.

