

MAINTENANCE

Keeping the solid fuel boiler in good repair will result in more efficient operation and longer appliance life. You are responsible for safely maintaining the unit. Follow the **Service and Maintenance** procedures given throughout this manual and in component literature shipped with the appliance.

DANGER

Failure to perform the service and maintenance could result in damage to the boiler or system. Failure to follow the directions in this manual and component literature could result in severe personal injury, death or substantial property damage.

DAILY

- **Grates** – For best performance level the wood/coal distribution on the grates prior to each loading. (A garden hoe works well). There should be very little ashes on top of the grates. Ash build up will restrict air going through the grate, promoting incomplete combustion and creosote formation.
- **Remove ashes** - Ashes should be removed with the ash pan daily. Excessive buildup of ashes in the ash trough will eventually plug up the unit.

EVERY TWO WEEKS (During Heating Season)

- Examine chimney and chimney connector. Clean any soot or creosote..

MONTHLY

- Examine door gasket and draft fan shutter. Ensure airtight seal. Replace as required.

EVERY THREE MONTHS

- Clean heat exchanger and baseboard radiators. Dust and dirt buildup reduces heat transfer.
- **Blower motor:** Place a few drops of S.A.E. 20 motor oil in each of the two oil cups.

WARNING

Use only **S.A.E. 20 motor oil** to lubricate the motor. Do not use universal household oils. Motor could be damaged, resulting in possible severe property damage.

END OF SEASON

- **Power:** Turn off power supply at the appropriate circuit breaker.
- **Chimney:** Clean and inspect chimney. *Cap the chimney to keep rain water out.*
- **Fire box & Ash trough:** Remove ashes, soot, and hardened deposits from the fire chamber by using putty knife or wire brush. Coat inside of fire box with a light coat of motor oil to protect steel during the off season.
- **Doors:** Oil door hinges and latch guide.
- **Plumbing:** Shut all isolation valves. Ensure transfer line connections are tight.

WARNING

Moisture from rain or condensation must not be allowed to accumulate in the fire box or ash pan during the off season. Failure to perform preventive maintenance may result in corrosion damaging the boiler resulting in possible severe property damage.