

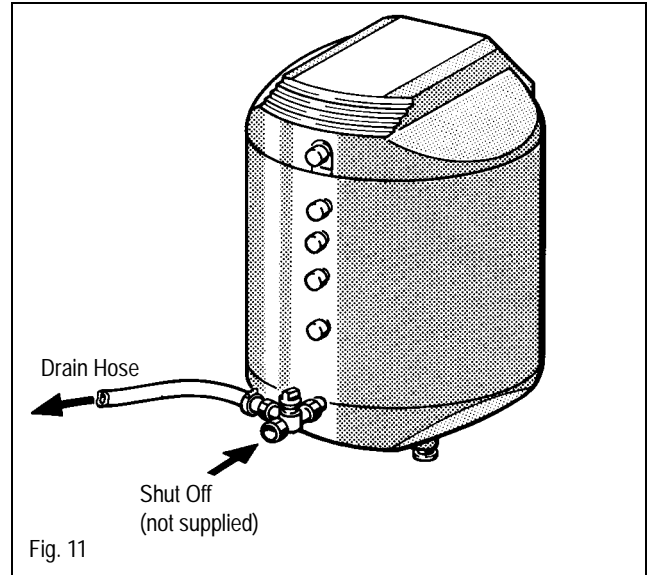
6 Maintenance Procedures

Recommendations

NOTE: *The indirect-fired water heater may only be filled with drinking water, unless there is a written agreement to the contrary.*

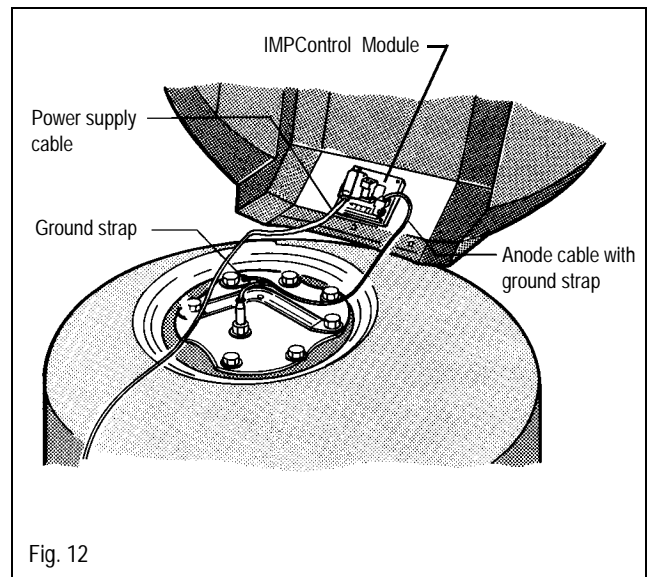
It is recommended that a licensed contractor or maintenance company checks and cleans the indirect-fired water heater at least once every 2 years.

For unfavorable water conditions (hard or very hard), extreme high usage and/or high temperature load, more frequent inspections and cleanings may be necessary.



Tank Cleaning Procedure

- Shut off the power to the heating installation before cleaning.
- Shut off the cold water feed, open the tank drain. To vent air, open a faucet at a higher location.
- Drain the tank and remove the tank top cover and insulation (Fig. 11).
- Disconnect the white plug and power lead from the IMP control module.
- Unscrew the hexagonal head bolts from the inspection port lid (Fig. 12).



NOTE: *Never break up the calcified deposits with a sharp object as it may damage the thermoglaze tank coating.*

NOTE: *Do not damage the surface of the electric anode rod and ensure an oil or grease free surface.*

If cleaning of the coil is needed, fire the boiler and operate the tank charging pump until the coil is very hot. Now, spray cold water directly on the coil with a hose through the clean-out port. Repeat until all scale deposits are removed from the coil.

- Flush debris through the drain.
- Reinstall the electric anode and the inspection port cover after cleaning. Replace gasket if necessary.

NOTE: *Recommended torque for anode rod: 5ft-lb.*

NOTE: *Hand tighten hexhead bolts. Tighten bolts 3/4 turn with a wrench (recommended torque: 30 ft-lb).*

- Check the inspection port and electric anode rod for leaks.
- Reconnect white plug and power lead to the IMP control module.
- Reinstall inspection port insulation and cover.
- Secure tank cover with 4 sheet metal screws.
- Place the system into operation.