

# 10 Service and maintenance

## Annual service and start-up

**⚠WARNING** The boiler should be inspected and started annually, at the beginning of the heating season, only by a qualified service technician. In addition, the maintenance and care of the boiler designated in the table below, and explained on the following pages must be performed to assure maximum boiler efficiency and reliability. Failure to service and maintain the boiler and system could result in equipment failure.

Annual Service Call Check List (follow in order listed below)		D	D	D	D	D	D	D	D	D	D	Comments
		A	A	A	A	A	A	A	A	A	A	
		T	T	T	T	T	T	T	T	T	T	
		E	E	E	E	E	E	E	E	E	E	
1	Clean boiler flueways.											
2	Check that boiler area is free from combustible materials, gasoline and other flammable vapors and liquids.											
3	Check for and remove any obstruction to combustion and ventilation air flow to boiler											
4	Check boiler and piping for leaks and repair if found.											
5	Perform service on low water cutoff, relief valve and gauge glass.											
6	Check breeching and chimney or vent for obstructions, damage, etc. Repair or replace as necessary.											
7	Make sure boiler is filled to correct water level.											
8	Inspect and adjust burner. See burner manual and: - change nozzle. - check ignition electrode settings. - clean blower housing and wheel. - make sure blower wheel turns freely. - oil burner motor if required. - clean air inlet. - clean or change fuel filter and strainer.											
9	Start unit and verify combustion settings with combustion test equipment.											
10	Verify operation of all controls on boiler.											