STAND MOUNTED
WATER TREATMENT SYSTEM
SUGGESTED SPECIFICATION

Specifier Note: to use as a project specification;

A. Insert, in the blank spaces provided, the applicable model number, capacity, fuel and electrical data.
B. Delete the items in parentheses or marked "*" which are not applicable to the project requirements.
C. Insert, where applicable, optional non-standard features desired.

WATER SOFTENER SPECIFICATION

Furnish and install one (1) (single / twin) water softener model _____ as furnished by the boiler supplier. The softener shall be sized for _____ boiler horsepower, ___ % makeup, _____ grains per gallons hardness, 60 minutes/hour and _____ hours per day operation.

The softener shall come complete with one (1) single tank water softener system consisting of a (fiberglass reinforced polyester / steel tank with polyethylene bond lined) resin tank, covered polyethylene brine tank, Fleck control valve and a time clock regeneration control. The softener must be isolated from water flow and the time clock will automatically regenerate the tank at a preprogrammed time when the softener is not in use.

OR

WATER SOFTENER SPECIFICATION

Furnish and install one (1) (single / twin) water softener model _____ as furnished by the boiler supplier. The softener shall be sized for _____ boiler horsepower, ___ % makeup, _____ grains per gallons hardness, 60 minutes/hour and _____ hours per day operation.

The softener shall come complete with one (1) twin tank water softener system consisting of twin (fiberglass reinforced polyester / steel tank with polyethylene bond lined) resin tanks, covered polyethylene brine tank, Fleck control valve and individual time clock regeneration controls. The time clock shall automatically regenerate each tank at preprogrammed staggered times. A twin system shall not have to be shut down or be isolated to regenerate.

The twin tank shall come complete with a water meter, bypass blocking valves and an alternator. The alternator shall include two signal initiated regeneration controls.

OR

WATER SOFTENER SPECIFICATION

Furnish and install one (1) (single / twin) water softener model _____ as furnished by the boiler supplier. The softener shall be sized for _____ boiler horsepower, ___ % makeup, _____ grains per gallons hardness, 60 minutes/hour and _____ hours per day operation.

The softener shall come complete with one (1) twin tank water softener system consisting of twin (fiberglass reinforced polyester / steel tank with polyethylene bond lined) resin tanks, covered polyethylene brine tank, Fleck control valve, water meter and VIP electronic demand controller. The electronic demand controller shall be microprocessor-based and self diagnostic, fully programmable to back wash on demand or at a preprogrammed flow *volume* rather than preprogrammed *time* so as not to waste water, brine and resin.

The controller shall be easily programmed to display information about system operating status, anticipate future operating conditions and be able to adjust itself to changing operating conditions. It's operating mode shall be easily changed to single, alternating or parallel. If the self diagnostics sense a system problem, it shall display an error code and signals operating personnel. The control shall be able to then transmit data through a telephone line to the main service center for trouble shooting. This data shall also be recorded for later transmission.