



# WATER TREATMENT SYSTEM

## REPLACEABLE CARTRIDGE MODEL PS-S

The Water Treatment system shall be a Groen PureSteem model# 153119, designed specifically for use with the Groen Model: \_\_\_\_\_ (insert Combo or steamer model number).

PROJECT NAME:

LOCATION:

ITEM NO:

QTY:

MODEL NO:

AIA NO:

SIS NO:

**CONSTRUCTION:** System shall consist of a mounting bracket with a single cartridge head and integrated manifold and water shutoff valve. Manifold head shall be designed for quick and easy cartridge replacement.

### REPLACEABLE TREATMENT

**CARTRIDGES:** System shall employ a single replaceable cartridge that locks into the matching manifold head. The Cartridge is a modified-molded block carbon type filter designed to remove silt, sediment and other suspended particles down to 0.5 micron (nominal) in size; and to reduce corrosive chlorine from inlet water for a capacity of 22,000 gallons. The Cartridge shall utilize IsoNet® (patented) scale and corrosion inhibitor technology to inhibit the formation and accumulation of scale (lime-scale) and to help protect against corrosion.

### CARTRIDGE REPLACEMENT INTERVAL:

The Cartridge should be replaced every six months, when capacity is reached or when effluent pressure or flow becomes inadequate. Cartridges must be replaced on a routine basis. The cartridge label includes a space for writing in the cartridge installation date, the initials of the service technician, and the "next replacement due" date. Long-term protection against costly water-related problems depends upon replacing the filter cartridge on a timely basis.

**INSTALLATION:** Install by connecting a suitable water line to the 3/8" FPT inlet of the full-flow ball valve on the inlet of the Treatment System. NOTE: All current production Combo, HyPerSteam and HyPlus models are shipped with dual incoming water connection fittings. One connection is for incoming treated steam generator/boiler makeup water. The other is for untreated condensate cooling water. Connect treated water from the PureSteem System to the treated steam generator/boiler makeup water connection only. Provide untreated municipal water to the condensate cooling water connection. Mounting bracket to be secured to wall, post or bracket with two metal screws and wall anchors as needed to support 20 pounds. The unit must be vertically mounted to a wall. Allow a minimum of 3" under the housing to allow for filter cartridge removal and replacement.

### INSTALLATION LOCATION

**RECOMMENDATION:** It is recommended that the PureSteem System be installed near the unit (combo/steamer etc.) to facilitate simple routine filter cartridge replacement. The system should not be installed in a location where there is excessive heat or where it could be damaged by moving equipment.

**ORIGIN OF MANUFACTURE:** Designed and manufactured in the United States.

Multi-stage, replaceable cartridge, in-line water treatment system. (Model PS-S and cartridge shown)



### OPTIONS/ACCESSORIES:

- Replacement Cartridge [Part No. 153120]

