



PureSteem™ Water Treatment System model PS-S

Description

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).

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.

Model PS-S & cartridge shown



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.

Options/Accessories

- Replacement Cartridge [Part No. 153120]

Origin of Manufacture

Treatment system and replaceable cartridge shall be made in the United States.

Multi-Stage, Replaceable Cartridge, In-Line Water Treatment System

For Use With:
Convection Combo™
HyPerSteam™
HyPlus™

Short Form

Water Treatment System shall be a Groen Model PS-S PureSteem™, designed for use with the Groen Model: _____ [Insert Combo or steamer model number], per Bulletin 143382 as follows. PS-S Treatment System to be a wall mounted treatment system, with replaceable carbon block filter to remove sediment and chlorine and a special treatment blend cartridge for treatment of the hard water deposits found in most water supplies. Cartridges to install without tools and provide up to 20,000 gallons of treated water. System requires wall mounting and simple plumbing. Water Treatment System and cartridges to be made in U.S.A.

Applications

- Treatment of Water Containing:
Silt/sediment
Chlorine
Calcium
Iron
Magnesium

For use with Groen Model:
Convection Combo™
HyPerSteam™
HyCapacity HyPerSteam
HyPlus™ [NGB & NEB]
Generation 3™ Steamers

