



Model ES-RFC Central Chiller Recirculating Loop Drinking Water Purification System

EXCLUSIVE RECIRCULATING DESIGN

Filtrine's secure drinking water closed loop design with large storage capacity and continuous 24-hour recirculation to all potable water outlets ensures that the water is treated multiple times. The model ES-RFC chiller controls the quality of the drinking water. When it is situated in a locked and secure mechanical room, the closed loop configuration eliminates the threat of intentional contamination.

The optimal piping layout consists of: supply header in central core wet column from the chiller to all floors, horizontal feeder loops running in plenum on each floor and return header in same central core wet column.

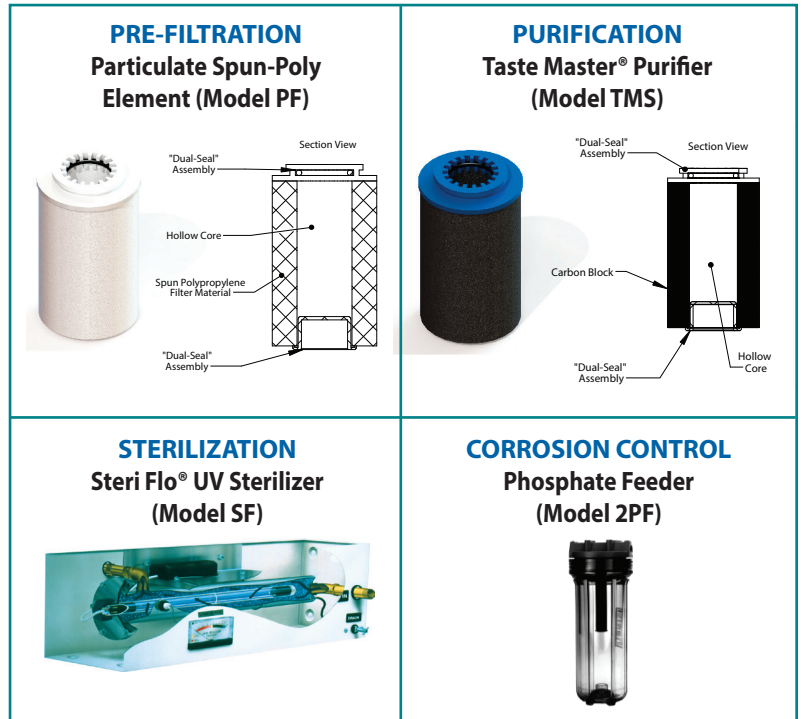
WATER TREATMENT INCLUDES:

PRE-FILTRATION: By pre-filtering the water with the particulate spun-poly element installed on the makeup line, the carbon element isn't clogged with ordinary sediment, allowing it to do a more efficient job of water filtration.

PURIFICATION: Taste Master 5.0 micron element meets NSF/ANSI Standard 42 for removal of: sediment particles down to 5.0 microns, organic taste and odor plus chlorine taste and odor. The optional Taste Master 0.5 micron element meets NSF/ANSI Standards 42 and 53 for removal of: lead; sediment particles down to 0.5 microns; organic taste and odor, chlorine taste and odor; and pathogens.

STERILIZATION: Steri Flo® UV sterilizer kills harmful microorganisms.

CORROSION CONTROL: The phosphate feeder prevents leaching of lead, inhibits rust and protects plumbing.



RECIRCULATING LOOP FEATURES

- Eliminates expensive, high maintenance point-of-use filters
- "Food Grade" water is delivered automatically to drinking fountains, personal bottle filling stations, ice makers, coffee makers, service bars – anywhere filtered water is needed

WATER FILTRATION FEATURES

- Contained in 16 ga. durable stainless steel housing
- Easy to change "Dual-Seal" elements ensure first day effectiveness for the life of the elements, no tools required.

TYPICAL RECIRCULATING LOOP SCHEMATIC (With Optional Lead Removal)

