

SPEC # \_\_\_\_\_

QUANTITY \_\_\_\_\_

APPLICATION

### SCALE CONTROL



AT A GLANCE

Aqua-Pure<sup>®</sup> ScaleGuard HT provides consistent Recipe Quality Water<sup>®</sup> with reduced sediment and chlorine taste and odor. Operating cost savings from the controlled and metered addition of scale-inhibitors reduces the ability of calcium and magnesium to precipitate as hard scale in both high and low-temperature applications, including ice machines, coffee, tea, espresso brewers, and steamers\*.

- ScaleGuard HT, SF165 combines chlorine taste and odor reduction with sediment reduction, and protection from the harmful effects of scale formation at flow rates to 3.34 gpm (12.6 lpm) for 35,000 gallons (132,000 liters).

PRODUCT BENEFITS

- Reduced sediment and chlorine for equipment protection and great tasting hot and cold beverages and ice.
- A forced-feed orifice carefully controls and meters the addition of a proprietary scale inhibitor to reduce scale build-up on evaporator plates and heating coils.
- Unmatched scale reduction performance in equipment from ice machines to equipment heating water to temperatures over 200°F (93°C). (not tested or certified by NSF)
- Revolutionary dual-zone **Integrated Membrane Pre-Activated Carbon Technology** (“**IMPACT**”) filtration media combines a membrane in series with premium activated carbon to provide superior throughput and cartridge life.
- Certified by NSF to Standard 42 for Class 1 sediment reduction and chlorine taste and odor reduction.
- SQC - Sanitary Quick Change - encapsulated water cartridge design allows for fast and easy change-outs with a 1/4 turn while minimizing the possibility of leakage and contamination.
- FDA CFR-21 and/or NSF compliant materials provide assurance of safety.
- 3/4” FNPT inlet and outlet ports allow direct or easily-adaptable connections to existing plumbing lines.
- System includes a pressure gauge, inlet shut-off valve, and outlet check valve for simple installation and operation.
- Exhausted cartridges may be incinerated.

PRODUCT SPECIFICATIONS

Model Number	Part Number	Reduction Claims	Micron Rating	Capacity	Service Flow Rate	Application	Replacement Cartridge	Sizing
SF165	56186-01	Sediment, Chlorine Taste & Odor, Scale	3	35,000 gallons (132,000 liters)	3.34 gpm (12.6 lpm)	Normal to Hard Water	HF65 56134-07 HF8-S 55821-06 Cartpak 56138-11	Ice: Cubers to 1200 lbs (544 kg); Flakers to 2400 lbs (1089 kg). Coffee Brewers and Steamers to demand flow rates of 3.34 gpm (12.6 lpm)

\* Periodic acid de-liming of heating coils is recommended for steamer applications

# Aqua-Pure® Commercial Products

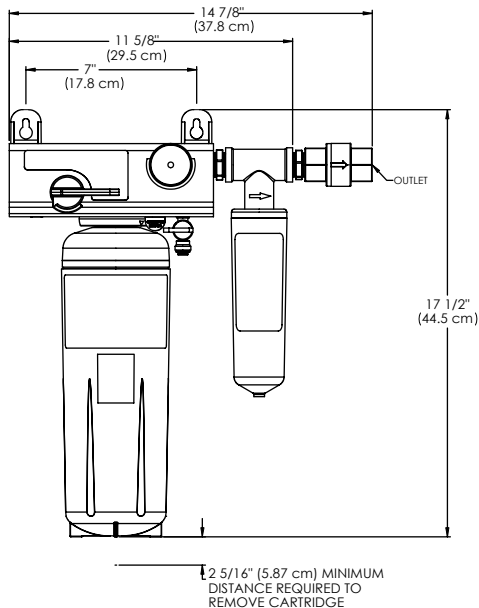
SPEC # \_\_\_\_\_  
QUANTITY \_\_\_\_\_  
MODEL NUMBER \_\_\_\_\_  
PART NUMBER \_\_\_\_\_

# Aqua-Pure®

COMMERCIAL PRODUCTS

## SF165

### PHYSICAL SPECIFICATIONS



### INSTALLATION TIPS

- Shut off downstream equipment prior to installation of the system.
- Choose mounting location to support full system weight when operating.
- Do not exceed operating parameters for temperature or pressure.
- Do not install outdoors.
- For commercial use only.
- Install on cold water line only.

### LIMITED 5 YEAR WARRANTY

CUNO makes no guarantees or warranties, expressed or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose or implied warranty arising out of a course of dealing, custom, or usage of trade whatsoever with respect to these instructions. CUNO shall not under any circumstances be liable to the recipient of these instructions for any direct, indirect, special, incidental, or consequential loss or damages (including, but not limited to, loss of profits, revenue, business, opportunity, or goodwill) resulting from or in any way related to these instructions or the recipient's non-adherence to these instructions, regardless of the legal or equitable theory under which such loss or damages are sought, including breach of warranty or contract, negligence or strict liability.

- System includes a manifold with built-in pressure gauge, inlet water shut-off valve, outlet check valve, mounting bracket, the cartridge filter, and the scale-feeding system
- Inlet and outlet plumbing connections are 3/4" FNPT.
- Water cartridge is double o-ring seal type; scale feeder cartridge is single o-ring seal type.
- System maximum operating pressure of 125 psi (862 kPa) and a maximum operating temperature of 100°F (38°C).
- Recommended service flow rate is up to 3.34 gpm (12.6 lpm).
- Filter cartridge incorporates carbon block media protected by a pleated pre-filter membrane.
- The scale inhibitor, sumps, and filtration media are CFR-21 and/or NSF Standard 42 compliant
- Cartridges are sanitary in design, requiring no contact with the filter media during cartridge change-out.
- Filter cartridge requires no pre-activation.
- A NSF Performance Data Sheet (pds) is included.
- Shipping weight: 6 lbs (2.7 kg).
- Operating weight: 12 lbs (5.4 kg).

**IMPORTANT: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.** Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts. EPA Establishment Number 070595-CT-001.

**“CAUTION” To reduce the risks associated with water leakage, which if not avoided, may result in property damage - check with your plumbing professional to verify that water pressure is less than 125 psi (862 kPa).**

CUNO Incorporated recommends regularly scheduled maintenance and replacement of the filter cartridge(s) in order for the product to perform as advertised/sold. **Change the filter cartridge at least every 6 months.** CUNO shall not be liable for system failures due to improper maintenance.

NSF

Visit [www.nsf.org](http://www.nsf.org) for the claims associated with products that are NSF listed.

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