

SPEC #

QUANTITY

### APPLICATION

## SCALE INHIBITION



**SF18-S System**  
(HF8-S Replacement Cartridge)

### AT A GLANCE

The SF18-S inhibits scale build-up and corrosion in high-temperature foodservice equipment, including coffee brewers, broiler-based steamers, proofers, warewashers and hot tea. A proportioning forced-feed-orifice delivers a carefully metered amount of a unique high-temperature scale inhibitor, sequestering the hardness minerals that form on boiler walls, sensors, brewer spray heads and heating coils. The media does not break down at temperatures at or above 200°F (93.3°C). The Sanitary Quick Change (SQC) replacement HF18-S cartridge makes change-outs fast and easy.

### PRODUCT BENEFITS

- A forced-feed orifice carefully controls and meters the addition of a proprietary scale inhibitor to reduce scale formation in high-temperature foodservice applications
- Consistent performance at application temperatures over 200°F (93.3°C)
- FDA CFR-21 compliant materials
- Stainless-steel head
- 3/4" NPT female inlet and outlet ports allow direct or easily adaptable connections to existing plumbing lines
- Sanitary Quick Change (SQC) replacement cartridge is fast and easy to change
- Exhausted cartridges may be incinerated

### PRODUCT SPECIFICATIONS

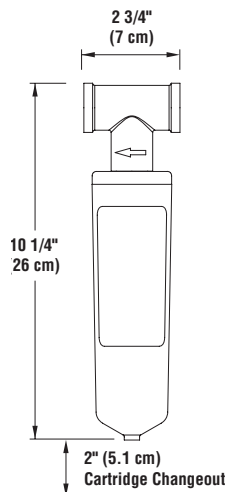
Model Number	Part Number	Reduction Claims	Connections	Replacement Recommendation	Service Flow Rate	Replacement Cartridge
SF18-S	56077-03	Proportioning force-feed-orifice scale inhibitor system	3/4" Horizontal NPT Inlet and Outlet	6 months or 35,000 gal (132,489 liters)	Up to 6 gpm (22 lpm)	HF8-S (P/N 55821-06)

# Aqua-Pure® Commercial Products

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

**Aqua-Pure®**  
 COMMERCIAL PRODUCTS

**SF18-S**



## IMPORTANT INSTALLATION TIPS

These installation tips are for informational purposes only and are not intended to be used as actual installation instructions. **CAUTION: To reduce the risk of property damage due to water leakage, read, follow, and understand the Installation and Use instruction guide BEFORE installation and use of this system.**

- Shut off downstream equipment prior to installation of the system.
- Choose mounting location to support full system weight when operating.
- Comply with all state and local plumbing codes.
- Do not exceed operating parameters for temperature or pressure. System maximum operating pressure of 90 psi (620.5 kPa) and operating temperature of 100°F (38°C). If pressure exceeds 90 psi, a pressure limiting valve must be installed.
- Do not install outdoors.
- For commercial use on cold water line only.
- Change cartridge at least every 6 months or 35,000 gals (132,489 liters).
- Screw-tighten the sump to the head until snug, regardless of final label orientation.

## LIMITED 5 YEAR WARRANTY

CUNO Incorporated warrants to the original purchaser-consumer that this product is free from defects in materials and workmanship. This warranty, together with any and all warranties implied by law, shall be limited to a period of five (5) years from the date of original purchase by the consumer. This warranty does not apply to failures that result from abuse, misuse, alteration or damage not caused by CUNO. This warranty is subject to exclusions and limitations. Please refer to the Warranty Card provided with the product for details. This warranty does not apply to cartridge life. See Aqua-Pure Commercial Products Price Book for Terms and Conditions for details about cartridge life.

## PHYSICAL SPECIFICATIONS

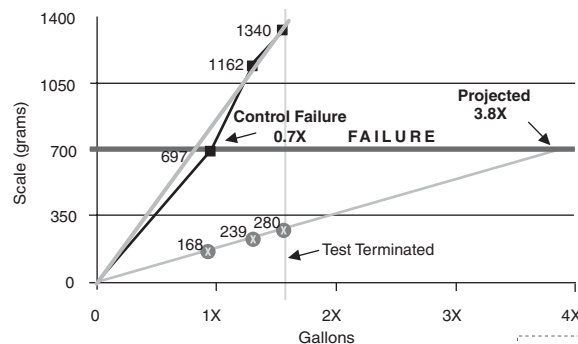
- A forced-feed orifice carefully controls and meters the addition of high-temperature scale inhibitor.
- All materials are FDA CFA Title 21 compliant.
- Maximum operating pressure - 90 psi (620.5 kPa); maximum operating temperature of incoming water - 100° F (38° C)
- Head - 316 stainless steel
- Sump - Sanitary Quick Change
- Inlet and outlet connections - 3/4 in NPT, female
- Weight (box of 6) - 14 lbs (6.4 kg)
- Dimensions (box of 6) - 15in x 8in x 8in (20.3cm x 20.3cm x 38.1cm)

**WARNING: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.**

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 or 35,000 gals (132,489 liters).** CUNO shall not be liable for system failures due to improper maintenance.

## THROUGHPUT VS SCALE FORMATION



Actual field-tested from a commercial coffee brewer in 25-grain incoming hard water. The control in this side-by-side test received no treatment. CUNO SF18-S scale inhibitor was added to the feed water in the treated brewer.



**3M**

**CUNO Incorporated**

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### **ultrafilter trykluftprogram:**

ultrafilter valideret trykluft program indenfor, filter, Køletørrer samt adsorptionstørrer.

—  
ultrafilter validated Compressed air filter program with filter, dryer and desiccant dryer.



### **Trykluftfilter:**

Trykluftfilter til brug for håndværkere, værksteder og til mindre kritiske applikation i industrien.

—  
Compressed air filter for use by craftsmen, workshops, and for less critical applications in the industry.



### **Procesfiltrering:**

Procesfilter for luft og Gas samt væskefiltrering fra 3M / Cuno , sterilfilter, dampfilter samt Membran filtrering.

—  
Process filter for air / gas and liquid filtration, sterile filter steam filter, and Membran filtration.



### **Vandfilter**

Stort program for vandfilter fra Cuno & 3M

—  
A wide range of water filter from Cuno & 3M



### **Nitrogen og Oxygen systemer**

Produktion af egen nitrogen eller oxygen, med et modul opbygget system som kan udvides efter behov.

—  
Producing own nitrogen or oxygen, with a modular system which can be expanded as needed.



### **Måleinstrumenter**

Måleudstyr til måling og overvågning af trykluft- og nitrogen udstyr.

—  
Measuring equipment for measuring and monitoring of compressed air and nitrogen plant.



### **Service:**

Vi tilbyder opstart og montering af alle vores produkter. og kan tilbyde serviceaftaler på alle vores produkter.

Vi har samarbejdspartner i Danmark, Sverige, Norge, Finland, og Island.

—  
We offer start-up and installation of all our products. And we can offer service on all our products. We have partner in Denmark, Sweden, Norway, Finland, Iceland.

### **ultrafilter Skandinavien ApS**

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