

CS-340 Series In-Line and CS-450 Series Sanitary Quick Change Filter Systems



CS-340 Series

CS-450 Series

The 3M™ Water Filtration Products help protect beverage equipment and help provide consistent beverage quality.

The Series CS-340 and CS-450 are an economical way to provide maximum equipment protection and consistent beverage quality for low volume hot cup applications.

The encapsulated design minimizes contamination of the filtration media.

The compact footprint allows the unit to be installed snugly behind the beverage unit or neatly under a cabinet.

The CS-340 Series has 1/4" NPT connections which are compatible with common equipment and tubing installations and provide ease of installation in tight spaces.

The CS-450 Series sanitary quick change head configuration with 1/4" female pipe thread connections allows ease of cartridge change-out without tools.

Units are FDA, CFR-21 compliant for use in all food and beverage applications.

Sediment, Chlorine Taste and Odor, Scale Reduction

CS-341

- In-line system with 1/4" NPT connections

Capacity: 1,500 gallons (5,678 liters) or 200 cups/day*

CS-451

- Sanitary Quick Change head configuration with 1/4" female pipe thread connections

Capacity: 1,500 gallons (5,678 liters) or 200 cups/day*

Features

- Built-in 5 micron prefiltration
- Chlorine taste and odor reduction
- Built-in Scale inhibition

Product Benefits

- A better tasting hot cup
- Efficiently traps and holds sediment without unloading
- Helps reduce maintenance caused by clogged valves and orifices
- Enhances beverages quality over the life of the filter
- Helps protect equipment from the potentially harmful effects of lime scale

Sediment and Scale Inhibition

CS-343

- In-line system with 1/4" NPT connections

CS-453

- Sanitary Quick Change head configuration with 1/4" female pipe thread connections

Features

- Graded density filtration
- 5 micron particulate reduction
- Built-in Scale inhibition

Product Benefits

- Efficiently traps and holds sediment without unloading
- Helps enhance beverage clarity
- Helps reduce maintenance caused by clogged valves and orifices
- Allows pass-through of chlorine residual for downstream sanitization
- Helps protect equipment from the potentially harmful effects of lime scale

*Cups/day based on 8 oz cup (237 ml), 20 day work month and 6 month change-out schedule.

Quotation for Specified 3M™ Water Filtration Products

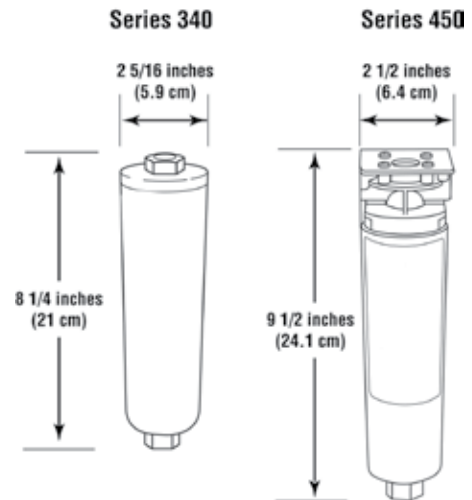
Specified Model # _____

Part # _____

Price Quoted _____

Installed on what equipment _____

Quantity Required _____



Applications/Specifications

Model#	Part#	System Dimensions in (cm)	Replacement Cartridge	Part#	Chlorine Taste and Odor	Scale Inhibition	Sediment Reduction	Heavy Sediment	Cyst Reduction	Turbidity Reduction	Capacity Gals. (Liters)	Flow Rate gpm (lpm)	Carton Dimensions cu. ft. (cu. m.)	Carton Wt lbs. (kilos)	Case Qty
CS-341	55602-11	8 1/4 x 2 5/16 (21 x 5.9)	N/A	N/A	X	X	X				1,500 (5,678)	0.5 (1.89)	0.5 (0.01)	10 (4.5)	12
CS-451	55881-01	9 1/2 x 2 1/2 (24.1 x 6.4)	CS-51	55536-06	X	X	X				1,500 (5,678)	0.5 (1.89)	0.7 (0.02)	14 (6.4)	12
CS-343	55880-02	8 1/4 x 2 5/16 (21 x 5.9)	N/A	N/A		X	X				N/A	0.5 (1.89)	0.5 (0.01)	9 (4.1)	12
CS-453	55881-02	9 1/2 x 2 1/2 (24.1 x 6.4)	CS-53	55878-02		X	X				N/A	0.5 (1.89)	0.7 (0.02)	14 (6.4)	12

These installation tips are for informational purposes only and are not intended to be used as actual installation instructions.

CAUTION: To reduce the risk associated with property damage due to water leakage:

To reduce the risk associated with property damage due to water leakage:

- Read and follow Use Instructions before installation and use of this system.
- Installation and use MUST comply with all state and local plumbing codes..
- Protect from freezing, remove filter cartridge when temperatures are expected to drop below 40° F (4.4° C).
- Do not install on hot water supply lines. The maximum operating water temperature of this filter system is 100°F (38°C).
- Do not install if water pressure exceeds 125 psi (862 kPa). If your water pressure exceeds 80 psi, you must install a pressure limiting valve. Contact a plumbing professional if you are uncertain how to check your water pressure.
- Do not install where water hammer conditions may occur. If water hammer conditions exist you must install a water hammer arrester. Contact a plumbing professional if you are uncertain how to check for this condition.
- The disposable filter cartridge must be replaced every 6 months, at the rated capacity or if a noticeable reduction in flow rate occurs.

WARNING: To reduce the risk associated with the ingestion of contaminants: 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 filtratable cysts. EPA Establishment #070595-CT-001



Refer to the PDS sheet for the certified claims.

Limited Warranty

CUNO Incorporated warrants this Product to be free from defects in material and workmanship for 5 years from the date of purchase. This warranty does not cover failures resulting from abuse, misuse, alteration or damage not caused by CUNO or failure to follow installation and use instructions. If the Product is defective CUNO will replace the Product or refund your Product purchase price. CUNO will not be liable for any indirect, special, incidental, or consequential damages arising from the use of this Product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. To obtain warranty service, mail your request to Warranty Claims, CUNO Incorporated, 400 Research Parkway, Meriden, CT 06450. Proof of purchase (original sales receipt) must accompany the warranty claim, along with a complete description of the Product, model number and alleged defect. This warranty gives you specific legal rights and you may have other rights which vary from state to state, or country to country.

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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.

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