

# Follett® bacterial-retentive filter system



Description	Item number
Follett bacterial-retentive filter system includes 0.2 micron double layer sterilizing-grade filter capsule, a 1 micron absolute rated pre-filter cartridge and a pressure regulator	01233659
Follett bacterial-retentive replacement filter kits includes 0.2 micron double layer sterilizing-grade filter capsule and a 1 micron absolute rated pre-filter cartridge	01244615
Follett bacterial-retentive 1 micron absolute rated pre-filter cartridge replacement	01233717

## Features

Kleenpak® 0.2 micron double layer sterilizing-grade disposable filter capsule with robust Supor® membranes and broad chemical compatibility<sup>1</sup>

Validated by an independent laboratory according to industry standard test methods with complete retention of the challenge organisms<sup>2</sup>

In-use evaluation performance supporting up to 6 months filter life

Profile II® 1 micron absolute rated pre-filter cartridge, with depth style polypropylene membrane for high performance particle removal

High efficiency pre-filtration ensuring removal of nutrient rich particulates

Barrier to protect the downstream sterilizing-grade filter capsule

Shurflo® pressure regulator controls water pressure to a maximum of 50 psi

Can be used in-line with scale inhibiting filtration systems

Non-carbon filtration, no use of glues or resins

Supports ASHRAE 188 water management plans to provide barrier to waterborne bacteria from the incoming water

Retains microorganisms without volume restriction

The only bacterial-retentive filter system recommended for use with Follett ice and water dispenser

The bacterial-retentive filter system must be the last stage of water filtration and the outlet must be connected directly to the icemaking and ice dispensing equipment. Any additional or supplemental water filtration or treatment (coarse pre-filtration, carbon filtration, scale inhibiting treatment, etc.) must occur before entering the bacterial-retentive filter system.

Warranty – 90 days

Certifications



System Certified and Tested by NSF International against NSF/ANSI Standard 42 for the reduction of Class 1 Particulates

### <sup>1</sup> Systemic Compatibility

Continuous chlorine dioxide disinfection (up to 1 ppm ClO<sub>2</sub>)

Chlorine shock treatment (up to 100 ppm free chlorine for up to 1 hour at ambient temperature)

Continuous free chlorine disinfection (up to 3 ppm at ambient temperature)

pH 12.8 (up to 1 hour at ambient temperature) ammonium chlorides, iodides and non-ionic surfactants)

Peracetic acid (up to 1000 ppm at 60 C for up to 2 hours)

### <sup>2</sup> F838-15a "American Standard Testing Methodology (ASTM) F838-15a determining bacterial infection of membrane filters utilized for liquid filtration, 2015"

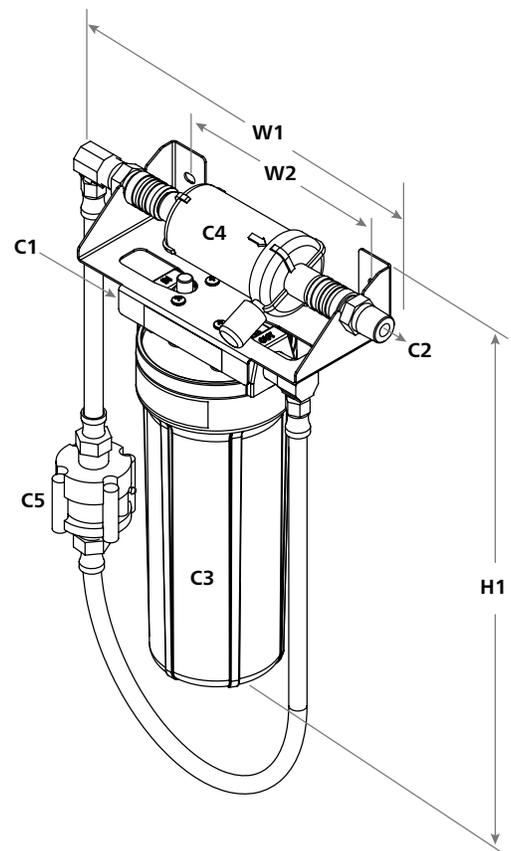
## Specification

<b>W1</b> Width	13.00" (33.0 cm)
<b>W2</b> Mounting holes	7.12" (18.08 cm)
Depth	4.78" (12.14 cm)
<b>H1</b> Overall height	14.40" (36.6 cm)
Service clearance	1.00" (2.54 cm) front service clearance, 2.50" (6.35 cm) at top and bottom for cartridge removal, 2.00" (5.08 cm) on each side
<b>C1</b> Water inlet	1/2" FNPT
<b>C2</b> Water outlet (to dispenser)	1/2" MNPT
<b>C3</b> Pre-filter	1 micron absolute rated pre-filter cartridge
<b>C4</b> Primary filter	0.2 micron sterilizing-grade disposable filter capsule
<b>C5</b> Water pressure regulator	
Filter life	Validated for up to 6 months filter life
Rated service flow	1.0 gpm (3.79 lpm)
Capacity	3,000 gal (11,340 l)
Water temperature	45 - 90 F (7 - 32 C)
Water pressure	30 - 70 psi (207 - 482 kpa)
Approximate ship weight	6 lb (2.7 kg)

NOTE: Follett bacterial-retentive filter system includes Kleenpak 0.2 micron double layer sterilizing-grade disposable filter capsule, Profile II 1 micron absolute rated pre-filter cartridge and Shurflo pressure regulator. It has been validated as a complete assembly and operating outside those parameters voids the warranty.

NOTE: For indoor use only. System must be installed in accordance with all applicable federal, state, and local regulations. Do not use any filtration system where the water is microbiologically unsafe or with water of unknown quality without adequate disinfection.

## Dimensional drawing



Filters provided by Global Life Sciences Solutions USA LLC.

## Performance data sheet

While testing was performed under standard laboratory conditions, actual performance may vary. This system has been testing according to NSF/ANSI 42 for reduction of the substances listed below. The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system, as specified in NSF/ANSI 42.

Substance	Influence challenge concentration	Reduction requirement	Average percent reduction
Particulate, Class 1 particles 0.5 to < 1 µm	At least 10,000 particles/mL	≥85%	>99.9%

Replacement Elements: Follett bacterial-retentive replacement filters.

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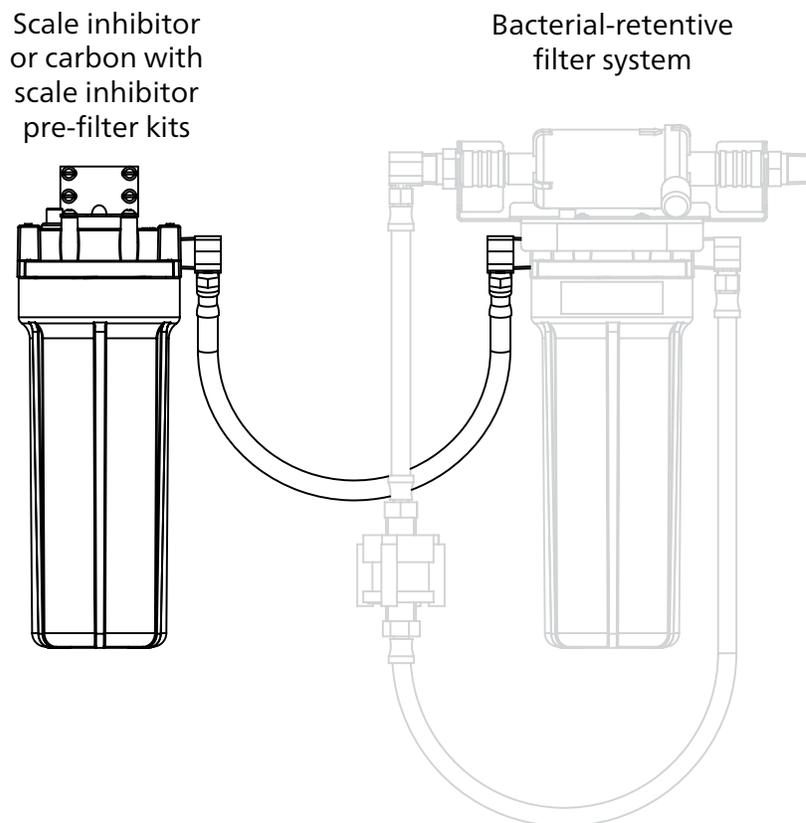
## Accessory kits for bacterial-retentive filter system

The following accessory kits can be installed upstream of the bacterial-retentive filter system to provide scale inhibitor or carbon filtration with scale inhibitor.

Description	Item number
Scale inhibitor pre-filter kit for bacterial-retentive filter system	<b>01288034</b>
Carbon with scale inhibitor pre-filter kit for bacterial-retentive filter system	<b>01288042</b>
Replacement filter for scale inhibitor pre-filter kit	<b>01288067</b>
Replacement filter for carbon and scale inhibitor pre-filter kit	<b>01288059</b>

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## Dimensional drawing



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## Replacement parts

For a full list of replacement parts, refer to the Bacterial-retentive Filter System Instructions, form# 01208164. Order parts online at <https://parts.follettice.com> or by contacting 877.612.5086 or [partsales@follettice.com](mailto:partsales@follettice.com).

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