



► FROM PENTAIR WATER SOLUTIONS

# QL3B - 7FC-PS SYSTEM

System Part Number: EV9298-50



## APPLICATIONS

- ◆ Drinking water
- ◆ Fountain beverage
- ◆ Office coffee service
- ◆ Low volume ice machines

## SYSTEM DESCRIPTION

The QL3B - 7FC-PS water filtration system is designed to reduce PFOA/PFOS, chlorine, taste & odor, microplastics and particulates while maintaining a consistent flow rate of 1.67 gpm for 10,000 gallons. These features can help ensure reliable, and long-lasting equipment performance. The integrated scale inhibitor feature helps minimize scale formation\* on equipment surfaces to help enhance overall efficiency and longevity.

## FEATURES • BENEFITS

- ◆ Proprietary Fibredyne media reduces chlorine taste & odor while providing particulate reduction down to 0.5 micron
- ◆ Certified to reduce up to 99.55% of PFOA/PFOS, commonly known as "forever chemicals"
- ◆ Inlet shutoff valve, flush valve, and pressure gauges simplify service and monitor operating performance
- ◆ Easy, quick-change cartridge replacement
- ◆ NSF/ANSI Standard 42 certified for Bacteriostatic Effects and the reduction of Chlorine, Taste & Odor, and Particulate Class I
- ◆ NSF/ANSI Standard 53 certified to reduce turbidity and cysts such as *Cryptosporidium* and *Giardia* by mechanical means
- ◆ NSF/ANSI Standard 401 certified for Microplastics Reduction
- ◆ Certified by IAPMO R&T against NSF/ANSI 53 for the reduction of Perfluorooctanoic acid (PFOA) and Perfluorooctane sulfonate (PFOS)

## INSTALLATION TIPS

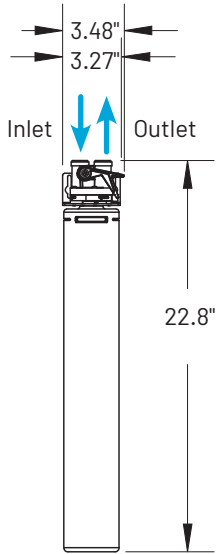
- ◆ Choose a mounting location suitable to support the weight of the system while operating.
- ◆ Install vertically and allow 2½" (6.35 cm) clearance below the cartridge for easy removal and replacement.
- ◆ Feed water temperature must not exceed 100°F (38°C).
- ◆ Do not install where the system could be exposed to freezing temperatures.
- ◆ Feed water supply pressure must not exceed 125 psi (non-shock). When pressure exceeds 85 psi, a pressure reducing valve is recommended.
- ◆ Flush cartridges by running water through the system for five (5) minutes.
- ◆ For more details, see the installation, operation, and maintenance guide included with the system.

\*As tested by Pentair.

EPA Est. 002623-IL-002

# QL3B - 7FC-PS

EV9298-50



## SPECIFICATIONS

System	Performance
<b>Overall Dimensions</b> 22.8" H x 3.48" W (57.91 cm x 8.84 cm)	<b>Service Flow Rate</b> 1.67 gpm (10.2 lpm)
<b>Connections</b> Inlet Connection: 3/8" FNPT Outlet Connection: 3/8" FNPT	<b>Rated Capacity</b> 4,000 gallons (15,141.65 L)
<b>Operating Pressure</b> 10 - 125 psi (0.7 - 8.6 bar)	<b>PFOA/PFOS</b> Yes
<b>Water Temperature</b> 35 - 100°F (2 - 38°C)	<b>Chlorine Reduction</b> Yes
<b>Operating Weight</b> 8 lbs (3.7 kgs)	<b>Taste &amp; Odor Reduction</b> Yes
<b>Shipping Weight</b> 5 lbs (2.3 kgs)	<b>Scale Reduction</b> Yes
<b>Electrical Connection</b> None required	<b>Particulate Reduction</b> Yes
	<b>Cyst Reduction</b> Yes
	<b>Microplastics Reduction</b> Yes

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It is recommended that filter cartridges be replaced every six (6) months on a regular scheduled program, or when capacity is reached or if water pressure or flow to equipment becomes inadequate.

Always replace filter cartridges at least once per year.

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.

## REPLACEMENT CARTRIDGE

Model	Qty	Description	Part No
7FC-PS	1	Primary filter	EV9595-41



System Tested and Certified by NSF International against NSF/ANSI Standards 42, 53 and 401 for the reduction of:

STANDARD NO. 42 – AESTHETIC EFFECTS Chemical Reduction Taste & Odor Chlorine	STANDARD NO. 53 – HEALTH EFFECTS Mechanical Filtration Cyst
Mechanical Filtration Nominal Particulate Class I	

STANDARD NO. 401 –  
EMERGING COMPOUNDS / INCIDENTAL CONTAMINANTS  
Mechanical Filtration  
Microplastics



The model QL3B - 7FC-PS is certified by IAPMO R&T against NSF/ANSI 53 for the reduction of Perfluorooctanoic acid (PFOA) and Perfluorooctane sulfonate (PFOS).



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