

# QL3B - 2FC-P SYSTEM

PFAS and lead reduction





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EV929800



The QL3B - 2FC-P water filtration system is designed to reduce PFOA/PFOS, chlorine, taste & odor, lead, microplastics and particulates while maintaining a consistent flow rate of 5.69 l/min for over 3750 liters. These features can help ensure reliable, and long-lasting equipment performance.

## FEATURES BENEFITS

- ▶ Proprietary Fibredyne™ media reduces chlorine, taste & odor while providing particulate reduction down to 0.2 micron\*
- ▶ Certified to reduce up to 99.8% of PFOA/PFOS, commonly known as "forever chemicals"
- ▶ Reduces lead below the U.S. Federal Action Level of 10 ppb, and the Health Canada level of 5 ppb
- ▶ Easy, quick-change cartridge replacement
- ▶ Includes built-in water shutoff valve
- ▶ NSF/ANSI Standard 42 certified for the reduction of Chlorine, Taste & Odor, and Particulate Class I
- ▶ NSF/ANSI Standard 53 certified to reduce lead 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.

## APPLICATIONS

- ▶ Drinking water
- ▶ Fountain beverage
- ▶ Office coffee service

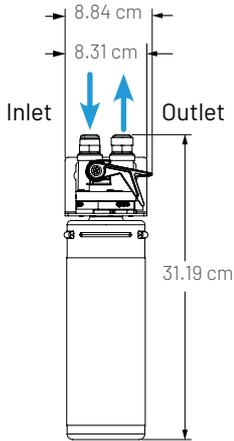
\*Validated by ISO 17025 accredited lab for 99.999% reduction of *Brevundimonas diminuta* following the ASTM F838 protocol for the validation of 0.2 µm sterilizing grade filters. EPA Est. 002623-IL-002



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## SPECIFICATIONS

### Cartridge

- ▶ **Overall dimensions**  
31.19 cm x 8.84 cm  
(12.28" H x 3.48" W)
- ▶ **Connections**  
Inlet: 3/8" PTC fittings  
Outlet: 3/8" PTC fittings
- ▶ **Operating pressure**  
0.7 - 8.6 bar (10 - 125 psi)
- ▶ **Water temperature**  
2 - 38°C (35 - 100°F)
- ▶ **Operating weight**  
3.7 kgs (8 lbs)
- ▶ **Shipping weight**  
2.3 kgs (5 lbs)
- ▶ **Electrical connection**  
None required

### Performance

- ▶ **Service flow rate**  
5.69 lpm (1.5 gpm)
- ▶ **Rated capacity**  
3,785 L (1,000 gallons)
- ▶ **PFOA/PFOS reduction**  
Yes
- ▶ **Taste & Odor reduction**  
Yes
- ▶ **Particulate reduction**  
Yes
- ▶ **Lead reduction**  
Yes
- ▶ **Cyst reduction**  
Yes
- ▶ **Microplastics reduction**  
Yes

### Replacement cartridge

Model	Qty	Description	Part N°
2 FC-P	6	Primary filter	EV959516



System Tested and Certified by NSF International against NSF/ANSI Standards 42, 53 and 401 for the reduction of:	
<b>STANDARD NO. 42 – AESTHETIC EFFECTS</b> Chemical Reduction Taste & Odor Chlorine Mechanical Filtration Nominal Particulate Class I	<b>STANDARD NO. 53 – HEALTH EFFECTS</b> Chemical Filtration Lead Mechanical Filtration Cyst
<b>STANDARD NO. 401 – EMERGING COMPOUNDS / INCIDENTAL CONTAMINANTS</b> Mechanical Filtration Microplastics	



The model QL3B - 2FC-P is certified by IAPMO R&T against NSF/ANSI 53 for the reduction of Perfluorooctanoic acid (PFOA) and Perfluorooctane sulfonate (PFOS).

For Pentair Everpure Product Warranties visit: <http://pentair.com/assets/foodservice-warranty>. To receive a free copy email or call your Pentair representative using the information provided below.

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.



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