

2FC-P & 2FC-PS FILTER CARTRIDGES

CLAIM PERFORMANCE CERTIFIED BY NSF*

These systems have been tested according to NSF/ANSI Standards 42, 53, and 401 for the 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 Standards 42, 53, and 401.

Substance	Influent Challenge Concentration	Max Permissible Product Water Concentration	Reduction Requirements	Average Reduction
STANDARD 42 – AESTHETIC EFFECTS				
Chlorine	2.0 mg/L \pm 10%	—	\geq 50%	97.4%
Particulate Class I particles 0.5 to $<1\ \mu\text{m}$	at least 10,000 particles / mL	—	\geq 85%	99.3%
STANDARD 53 – HEALTH EFFECTS				
Cyst	Minimum 50,000 / L	—	99.95%	99.99%
Lead pH 6.5	0.15 mL/L \pm 10%	0.005 mg/L		99.93%
Lead pH 8.5	0.15 mL/L \pm 10%	0.005 mg/L		99.93%
STANDARD 401 – EMERGING COMPOUNDS / INCIDENTAL CONTAMINANTS				
Microplastics	at least 10,000 particles / mL	—	\geq 85%	99.3%

*Tested using flow rate = 1.67 & 2.2 gpm; pressure = 60 \pm 3 psig; pH = 7.5 \pm 0.5; temp = 20° \pm 3°C



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

STANDARD NO. 42 – AESTHETIC EFFECTS

Chemical Reduction
Taste & Odor
Chlorine
Mechanical Filtration
Nominal Particulate Class I

STANDARD NO. 53 – HEALTH EFFECTS

Chemical Reduction
Lead
Mechanical Filtration
Cyst

STANDARD NO. 401 – EMERGING COMPOUNDS / INCIDENTAL CONTAMINANTS

Mechanical Filtration
Microplastics

CLAIM PERFORMANCE CERTIFIED BY IAPMO

These systems have been tested according to NSF/ANSI Standard 53 for the 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 Standard 53.

Substance	Influent Challenge Concentration	Max Permissible Product Water Concentration	Reduction Requirements	Average Reduction
STANDARD 53 - HEALTH EFFECTS				
PFOA/PFOS	0.0015±20%	0.00002 mg/L		99.8%

*Tested using flow rate = 1.5 gpm; pressure = 60 ± 3 psig; pH = 7.5 ± 0.5; temp = 20° ± 3°C



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

INSTALLATION REQUIREMENTS OPERATION / MAINTENANCE REQUIREMENTS

- Install vertically with cartridge hanging down.
- Use minimum length of tubing possible.
- Flush system by running feed water for five (5) minutes at full flow.
- Replace cartridges annually, or when capacity is reached or flow slows down.

NSF/ANSI Standard 53 certified to reduce cysts such as *Cryptosporidium* and *Giardia* by mechanical means.

EPA Est. No. 002623-IL-002

NOTES

- Pressure requirement: 10 -125 psi (0.7 - 8.6 bar), non-shock
- Temperature: 35 -100°F (2-38°C)
- Installation instructions, parts and service availability, and standard warranty are included with the product when shipped.
- This system must be maintained according to manufacturer's instructions, including replacement of filter cartridges.
- 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 waters that may contain filterable cysts.
- The contaminants or other substances reduced by this water treatment system are not necessarily in your water.
- Check for compliance with state and local laws and regulations.
- Tested under standard laboratory conditions as specified above. Actual performance may vary depending on influent water conditions.
- To determine NSF Model Name, combine HEAD NAME + CARTRIDGE NAME. Refer to www.nsf.org to verify.