



SHURflo[®]
Pentair Foodservice

94-399-00

94-470-01

94-470-02

Installation and Operation Manual



Specifications

Temperature Range: 40-100°F (4.4-37.8°C)

Pressure Range: 20-125 psi (1.4-8.62 bar)

United States and foreign patents pending.



The LVPO F-1 System is Tested and Certified by NSF International against NSF/ANSI Standard 42 for the reduction of Chlorine Taste & Odor.



The LVPO F-2 is Tested and Certified by NSF International against NSF/ANSI Standard 42 for Nominal Particulate Class III.

Performance Data

Important Notice: Read this performance data and compare the capabilities of this system with your actual water treatment needs. It is recommended that, before installing a water treatment system, you have your water supply tested to determine your actual water treatment needs.

This system has been tested according to NSF/ANSI 42 for the reduction of the substances listed below. The concentration of the indicated substances in the water entering the system was reduced to the concentrations less than or equal to the permissible limit for water leaving the system, as specified in NSF/ANSI 42.

Model Number LVPO F-1

Substance	Influent Challenge Concentration	Maximum Permissible Product Water Concentration	Reduction Requirements	Minimum Reduction	Average Reduction
Standard 42 Aesthetic Effects					
Chlorine	2.0 mg/L +/- 10%		≥50%		90.6%

Flow Rate = 3.0 gpm (11.4 lpm) Capacity = 6,000 Gallons (22,714 liters)

Test Conditions

Flow Rate = 2.0 gpm (7.6 LPM)
 Inlet Pressure = 60 +/- 3 PSI (4.1 bar)
 pH = 7.5 +/- 1
 Temperature = 68°F +/- 5°F (20°C +/- 2.5°C)

Operating Requirements

Pressure = 20-125 PSI (1.4-8.62 bar)
 Temperature = 40-100° F (4.4-37.8° C)

Testing was performed under standard laboratory conditions, actual performance may vary.

Model Number LVPO F-2

Substance	Influent Challenge Concentration	Maximum Permissible Product Water Concentration	Reduction Requirements	Minimum Reduction	Average Reduction
Standard 42 Aesthetic Effects					
Particulate 5 to <15 µm Class III	at least 10,000 particles/ml		≥85%		98.1%

Flow Rate = 3.0 gpm (11.4 lpm)

Test Conditions

Flow Rate = 3.0 gpm (11.4 lpm)
 Inlet Pressure = 60 +/- 3 psi (4.1 bar)
 pH = 7.5 +/- 1
 Temperature = 68°F +/- 5°F (20°C +/- 2.5°C)

Operating Requirements

Pressure = 20-125 PSI (1.4-8.62 bar)
 Temperature = 40-100° F (4.4-37.8° C)

Testing was performed under standard laboratory conditions, actual performance may vary.

Inline Water Filtration System

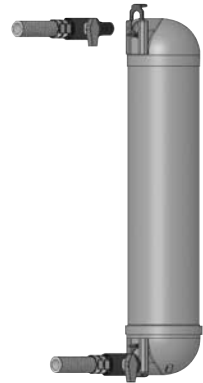
Installation Recommendations

1. The LVPO F-1, LVPO F-2 and LVPO F-3 Series Inline filters are only effective when water flow is consistent with the directional flow arrow identified on the filter. Install the filter with the water flow following the direction of the arrow on the label.
2. Install in a location convenient for filter replacement.
3. Inline filter life depends upon the water volume used and the substances present in the water source. Manufacturer recommends changing the filter every 6 to 12 months.

Installation Instructions

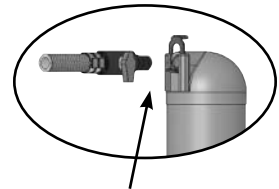
1. Turn the water off.
2. Disconnect the existing filter or cut the cold water tubing where the filter will be installed.
Note: Cut the tubing square and cleanly. Tubing that is not cut square may leak. Remove all score marks and burrs from the tubing. Install SHURfit[™] style fittings into tubing.
3. Verify water flow matches the direction of the flow arrow on the filter.
4. Connect the inlet and outlet fittings to filter.
See *Figures 1 and 2.* (Connect water supply line to inlet)
5. When installing any filter, flush the filter by holding it, outlet end down, over a bucket or pan. Turn the water on for 5 minutes, turn the water off. Repeat this process till the water runs clear.
6. Connect the outlet water line to the appliance inlet.
7. Carefully turn on the water and check for leaks.
8. Recheck for leaks at intervals for several hours following the installation.

Figure 1

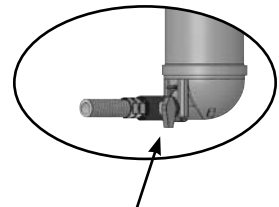


Insert SHURfit[™] fittings into filter

Figure 2



Unlocked latch position for installation



Slide latch into locked position and confirm fitting is secured in location.

Precautions

Warning	Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after this system.	Note	For operating, parts, installation or maintenance assistance call (800) 854-3218.	
	Caution	Filter must be protected against freezing, which can cause cracking of the filter and water leakage.	Note	Substances reduced are not necessarily in your water. Filter must be maintained according to manufacturer's instructions, including replacement of filter cartridge.
		Caution	Install this filter on cold water lines only. Do not use on water lines exceeding 100°F (37.2°C). Minimum water pressure of 20 psi (1.4 bar) and a maximum water pressure of 125 psi (8.62 bar) is required.	Note
	Caution		When installing behind an appliance use ample amount of tubing to allow removal of the appliance to prevent damage to the tubing, filter or fittings. Damage to tubing, filter or fittings could cause leakage and damage.	Note Note

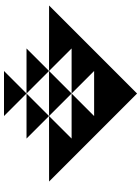
Inline Water Filter System (LIMITED WARRANTY)

SHURflo Inline Water Filter Systems are warranted to be free of defects in material and workmanship, under normal use, for a period of one (1) year from the date of manufacture OR one (1) year of use, with proof of purchase. This limited warranty will not exceed two (2) years, in any event.

The limited warranty will not apply to Inline Water Filter Systems that were improperly installed, misapplied, or incompatible with fluids or components not manufactured by SHURflo. Inline Water Filter System failure due to foreign debris is not covered under the terms of this limited warranty. SHURflo will not warrant any Inline Water filter System which is modified outside the SHURflo factory.

Returns are to be shipped postage prepaid to either service center; SHURflo Cypress, CA or Hanover Park, IL. SHURflo shall not be liable for freight damage incurred during shipping.

SHURflo reserves the right to update specifications, prices, or make substitutions.



SHURflo®
Pentair Foodservice

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