



COUNTERTOP DRINKING FILTER SYSTEM

PDF-450-P

Installation Instructions



IMPORTANT INFORMATION

- Pentair® is not liable for damages due to improper installation.
- Filter is only to be used with cold water.
- Never use this system on constant-pressure applications such as ice makers or drinking fountains.
- If the faucet diverter valve does not fit, you will need to install one of the faucet adapters before attaching it. The brass faucet adapters can be tightened using the install tool. If the supplied brass faucet adapters do not fit, you can obtain the right size from your local hardware store. Be sure to bring your aerator and diverter valve with you to help you identify the proper match.
- Make sure the rubber washer is in place inside the chrome swivel collar on the diverter valve prior to use.

PLEASE READ BEFORE YOU START

The Pentair Countertop Filter System does not work with faucets that feature pull-out sprayers. If you would like to enjoy the benefits of filtered water while using a pull-out sprayer, please consider a Pentair FreshPoint Undersink Filtration System available at pentair.com.

COMPLETE PARTS LIST

Note: The parts supplied are intended to accommodate a variety of water supply lines. Additional fittings may be needed to fit to your plumbing. Visit pentair.com to view our full line of installation kits.

Description	Qty.	Description	Qty.
Countertop filter with pre-installed cartridges	1	Installation instructions	1
Color-coded diverter valve and hose assembly	1	Performance data sheet	1
Faucet adaptors (2 sizes) with rubber washers	1	Battery (3V CR2032)	1

REMOVE AERATOR AND ATTACH DIVERTER

Figure 1

Remove your faucet's aerator by twisting counter-clockwise. Use adaptor if necessary (the two most common types are included).



Figure 2

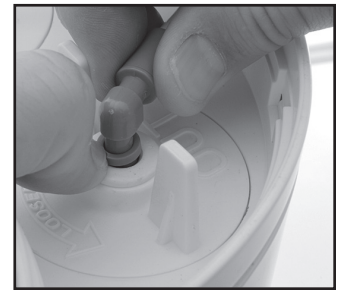
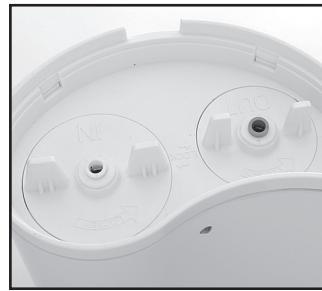
Attach diverter valve to faucet by turning clockwise. Do not over tighten.



ATTACH HOSES TO FILTER

Figure 3

Turn the filter around and attach color-coded (blue and white) connectors to the bottom of the countertop filter.



ACTIVATE BATTERY

Figure 4

Remove cover from filter and pull the plastic tab from the battery to activate filter timer.



FLUSH FILTER

Figure 5

Turn the diverter valve up and flush filter with cold water for 10 minutes.



Faucet

Filter



Notice

For the first 72 hours, the faucet diverter valve may drip intermittently, until the filters become fully saturated. Once they are saturated, you should anticipate a residual flow of water each time you use the filter as the system is vented and designed to clear the line. Due to the vented design, it is normal for the filter to drip when the regular faucet is in use.

MAINTENANCE

When should I replace the filter cartridges?

You will see a blinking green LED light on the front of the system. After 5.5 months, the LED will blink amber letting you know your filters are almost expired. After 6 months the LED will blink red indicating it is time to change the filters.

Replacement Filter Cartridge Model Number #: PDF-RF

For replacement filters for your PDF-450-P Countertop Drinking Filter System, please visit pentair.com/homewater.



Notice

Cartridges must be replaced after 450 gallons, even if the indicator light is not yet blinking Red

PRODUCT OPERATION AND SPECIFICATIONS

Specification Description	PDF-450-P
Maximum Flow Rate*	1.5 GPM (High-Flow Setting). *Max. certified flow rate =0.5GPM
Operating Pressure	80 PSI
Operating Temperature	115°F (40°F min.)
Rated Capacity	450 Gallons
Replacement	PDF-RF

CAUTION

Do not use with water that is microbiological/y unsafe or of unknown water 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.

This filter system is designed and tested for use with genuine Pentair parts including replacement filters and all hardware (diverter valve). Use of parts from other manufacturers may result in loss of contaminant reduction performance, system damage or failure. Use of parts from other manufacturers will also void your warranty.

System and installation to comply with state and local laws and regulations. If you have questions, please call customer service.

PRODUCT WARRANTY

For details on your Pentair product warranty, please visit pentair.com/assets/residential-filtration-warranty.

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

EPA Est. No. 91668-FL-1



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This system has been certified by NSF against NSF/ANSI standard 42 for aesthetic reduction of chlorine taste and odor and particulate class I, NSF/ANSI Standard 53 for reduction of cysts, mercury, lead and VOC's



This system is certified by IAPMO R&T to NSF Protocol P473 for PFOA and PFOS reduction