

### Installation & Operation Instructions for Water Filtration System For Use In: Water & Office Coffee Applications

#### Operational Specifications:

- MAX OPERATING TEMPERATURE: 100°F (38°C)
- MAX OPERATING PRESSURE: 125 psi ( 826 kPa)

This system is designed to treat cold water only. The installation must be on a cold water supply.

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 contain filterable cysts.

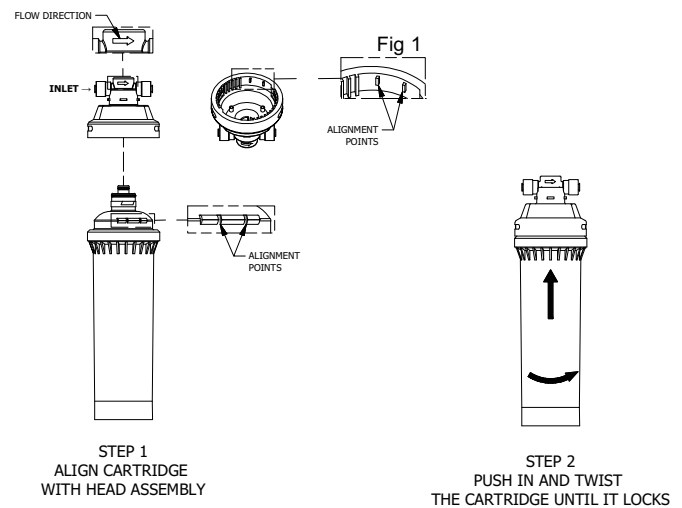
This system must be installed in accordance with all applicable state and local laws and regulations.

#### Installation:

1. Shut off power to equipment, if necessary.
2. Turn off water supply to system. Install a manual shut-off valve (not included) leading to the system for servicing. Keep water turned off.
3. If wall mounting is desired, attach the included bracket to the head using the 4 screws provided. Do not overtighten. Mount the bracket to the wall or cabinet with appropriate screws, allowing at least 3 inches below the cartridge for easy removal and replacement.
4. Connect inlet and outlet ports using appropriate NSF approved components. Do not connect outlet port to equipment until after flushing (step 9).
5. Lubricate o-rings on cartridge with a food grade silicon lubricant prior to installing in filter head.
6. Line up locking features as shown and push cartridge up into head until it stops. Turn cartridge ¼ turn to the right until it stops (see fig 1).
7. Connect a piece of tubing to the outlet port and run to a drain or a bucket.
8. Turn on water to system.
9. Allow water to run to drain or bucket for 5 minutes to purge air and remove any carbon fines.
10. Turn off water. Connect outlet to equipment.
11. Turn on water. Check for leaks & repair as needed.
12. Restore power to equipment. The system is ready for operation.

Models	Flow Rate		Capacity		Replacement component model number	Replacement component part number
	(gpm)	(lpm)	(gallons)	(liters)		
H1-WCS-10 H3T-WCS-10 H3-WCS-10	0.50	1.9	2,500	9,463	WCS-10	300-05110
H1-WC-10 H3T-WC-10 H3-WC-10	0.50	1.9	2,500	9,463	WC-10	300-05111
H1-WCS5-10 H3T-WCS5-10 H3-WCS5-10	0.50	1.9	2,500	9,463	WCS5-10	300-05113
H1-WCSL-10 H3T-WCSL-10 H3-WCSL-10	0.50	1.9	1,500	5,678	WCSL-10	300-05114
H1-WCESL-15 H3T-WCESL-15 H3-WCESL-15	1.67	6.32	3,000	11,355	WCESL-10	300-05210
H1-WCES-15 H3T-WCES-15 H3-WCES-15	1.67	6.32	15,000	56,775	WCES-15	300-05211
H1-WCE-15 H3T-WCE-15 H3-WCE-15	1.67	6.32	15,000	56,775	WCE-15	300-05212
H1-WCE-20 H3T-WCE-20 H3-WCE-20	2.0	7.57	20,000	75,700	WCE-20	300-05310
H1-WCAB-10 H3T-WCAB-10 H3-WCAB-10	0.5*	1.9*	3,000*	11,355*	WCAB-10	300-05112

\*Based on manufacturer's testing.



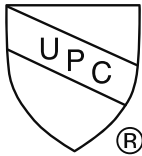
## Filter Cartridge Replacement:

Fig 2

The cartridge should be replaced when any of the following apply:

- It has reached the end of its recommended service life in months.  
(Consult your dealer for recommendation.)
- It has treated a volume of water equal to the service life shown on the cartridge.
- Water flow is noticeably reduced.

1. Shut off power to equipment, if necessary.
2. Turn off water supply to system.
3. Relieve pressure by briefly operating equipment or other means.
4. Turn cartridge ¼ turn to the left until it stops. Pull cartridge down from head to remove and discard (see fig 2).
5. Follow steps 5 - 12 from the Installation Instructions to complete the cartridge replacement.



H1-WCS-10, H3-WCS-10, H3T-WCS-10,  
H1-WC-10, H3-WC-10, H3T-WC-10,  
H1-WCES-15, H3-WCES-15, H3T-WCES-15,  
H1-WCE-15, H3-WCE-15, H3T-WCE-15,  
H1-WCSL-10, H3-WCSL-10, H3T-WCSL-10,  
H1-WCE-20, H3-WCE-20, H3T-WCE-20,  
H1-WCESL-15, H3T-WCESL-15, H3-WCESL-15  
MODELS ARE TESTED AND CERTIFIED BY  
IAPMO R & T to NSF/ANSI STANDARDS 42 & 53  
FOR THE REDUCTION OF CHLORINE, TASTE,  
ODOR AND CYST.



H1-WCSL-10, H3-WCSL-10, H3T-WCSL-10  
H1-WCESL-15, H3-WCESL-15, H3T-WCESL-15  
MODELS ARE TESTED AND CERTIFIED BY  
IAPMO R & T to NSF/ANSI STANDARDS 53 FOR  
THE REDUCTION OF LEAD.

H1-WCS5-10, H3-WCS5-10, H3T-WCS5-10  
MODELS ARE TESTED AND CERTIFIED BY  
IAPMO R & T to NSF/ANSI STANDARD 42 FOR  
THE REDUCTION OF CHLORINE, TASTE AND  
ODOR.



STEP 1  
TWIST THE CARTRIDGE  
TO UNLOCK



STEP 2  
PULL THE CARTRIDGE  
OUT OF THE HEAD ASSEMBLY

**Warranty:** OptiPure warrants the quality of workmanship of their system components and assembly, except for replacement cartridges and membranes, for a period of 36 months. OptiPure Systems are designed, tested and certified with OptiPure cartridges. Use of replacement cartridges or parts other than those specified will void warranties and certifications, and compromise equipment protection, water quality and cartridge life.

### Manufactured by OptiPure

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