

Installation, Operation and Maintenance Manual

OneFlow+ Salt-Free Scale Prevention and Water Filtration Model OFPSYS

⚠ WARNING



**THINK
SAFETY
FIRST**

Please read carefully before proceeding with installation. Your failure to follow any attached instructions or operating parameters may lead to the product's failure. Keep this Manual for future reference.

⚠ WARNING

Untreated private well water may contain contaminants with levels outside of the operating guidelines. Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.



OFPSYS

IMPORTANT

If you are unsure about installing your WATTS water filter, contact a WATTS representative or consult a professional plumber.

⚠ CAUTION

Test the water periodically to verify that the system is performing satisfactorily. Discard small parts remaining after the installation.

NOTICE

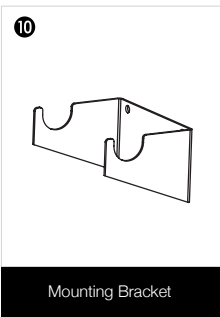
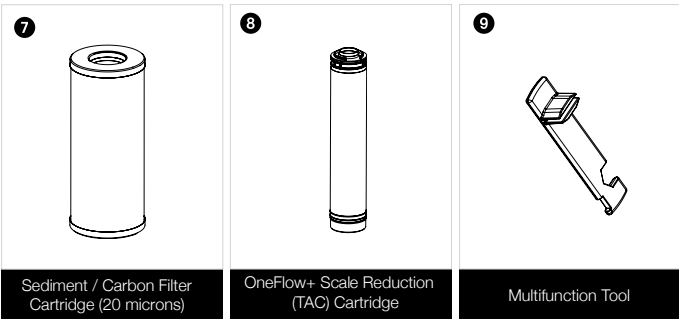
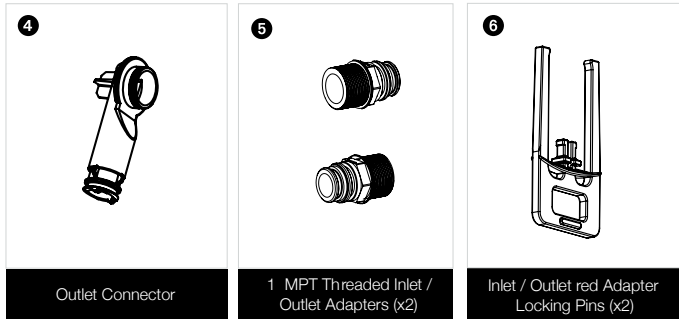
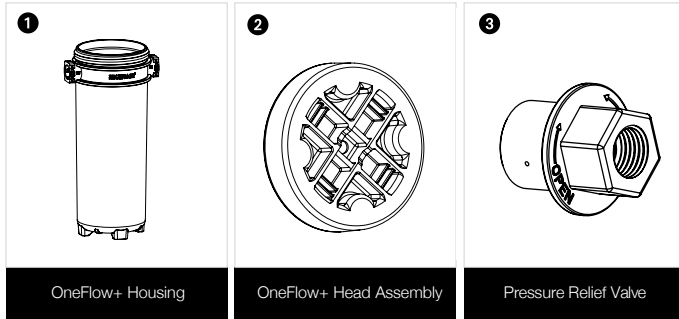
Failure to install the system correctly voids the warranty. Handle all components of the system with care. Do not drop, drag or turn components upside down. Be sure the floor under the water filter system is clean, level and strong enough to support the unit.

WATTS®

Introduction

Thank you for your purchase of Watts OneFlow+ salt-free scale prevention and water filtration system. This Watts water treatment system has been designed and tested to provide you with high quality drinking water and scale prevention for years to come.

OneFlow+ System Parts



Installation Instructions

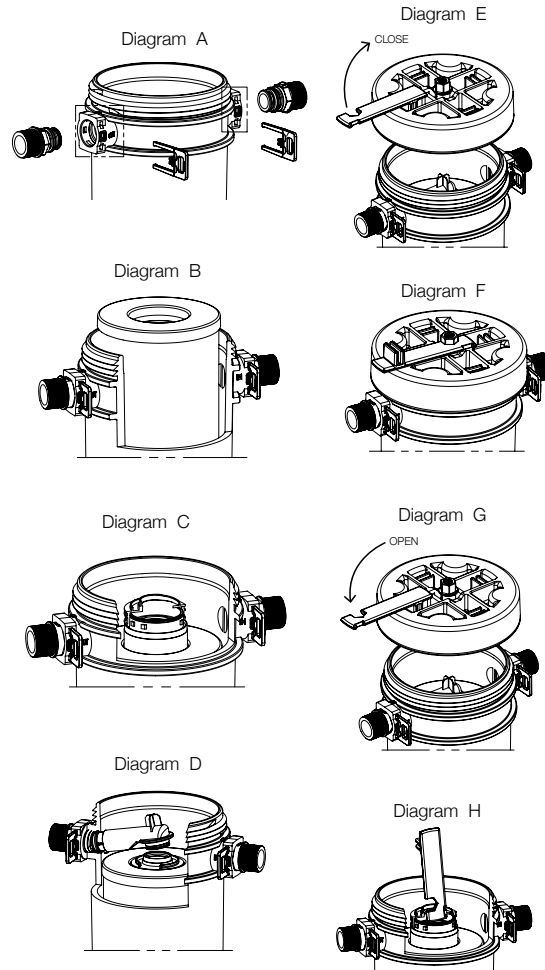
NOTICE

New systems come with the cartridges and outlet connector pre-installed. Installer should verify this during installation.

1. Please confirm that all items required are included in the kit ready for assembly and remove from carton.
2. Find a suitable location for the OneFlow+ system keeping in mind access to the water supply and delivery to the home, restaurant or foodservice equipment.
3. The system can stand upright in the desired location without the need to affix to a wall with a mounting bracket. However, a mounting bracket is available as a separate part (Item 10)
4. Take the two 1" MPT Threaded Adapters (Item 5) and insert them into the inlet and outlet of the OneFlow+ Housing (Item 1) as shown in Diagram A.
5. Secure these adapters with the two red adapter Locking Pins (Item 6) as shown in Diagram A.
6. Take the Sediment/Carbon Filter cartridge (Item 7) and place it within the OneFlow+ Housing (Item 1) as shown in Diagram B.
7. Take the OneFlow+ Scale reduction cartridge (Item 8) and secure it within the centre of the Sediment/Carbon Filter cartridge (Item 7) as shown in Diagram C.
8. Take the Outlet Connector (Item 4) and install it as shown in Diagram D.
9. Take the OneFlow+ Head Assembly (Item 2) and screw this onto the OneFlow+ Housing (Item 1) as shown in Diagram E.

NOTICE

10. To tighten take the Multifunction Tool (Item 9) and tighten the Head Assembly as shown in Diagram E by tightening in a clockwise direction – DO NOT OVER TIGHTEN
11. Using plumbing tape connect water supply to the inlet of the OneFlow+ system and connect to the outlet of the OneFlow+ System as required.
12. Turn on water supply and check for leaks.



Changing the Filter Cartridges

NOTICE

1. Turn off water supply at either the isolation tap or mains tap.
2. Use the Multifunction Tool (Item 9) to release air from the system. This is done by taking the tool and unscrewing the Pressure Relief Valve (Item 3) refer Diagram F.
3. Use Multifunction Tool (Item 9) to unscrew OneFlow+ Head Assembly (Item 2)) anticlockwise and remove from the OneFlow+ Housing as shown in Diagram G.
4. Remove Outlet Connector (Item 4) from top of OneFlow+ Scale Reduction (TAC) Cartridge and remove from outlet port – refer Diagram D.
5. Use Multifunction Tool (Item 9) to remove OneFlow+ Scale reduction (TAC) cartridge (Item) from the Sediment/Carbon Cartridge (item 7) as shown in Diagram H.
6. Remove the Sediment/Carbon (item 7) from the OneFlow+ Housing by hand.
7. Remove new Sediment/Carbon cartridge from packaging and place carefully inside the OneFlow+ Housing as shown in Diagram B.
8. Insert OneFlow+ Scale Reduction (TAC) cartridge back into the centre of the Sediment/ Carbon cartridge making sure that it is sealed correctly as shown in Diagram C.
9. Insert Outlet Connector (item 4) into outlet port and secure back on top of the OneFlow+ Scale Reduction cartridge as shown in Diagram D.

NOTICE

10. Place Head Assembly back onto OneFlow+ Housing and using the multifunction tool tighten by screwing the Head Assembly clockwise as shown in Diagram E. DO NOT OVER TIGHTEN
11. Close the pressure relief valve by tightening in an anticlockwise direction as shown in Diagram F.
12. Turn water supply on and check for leaks.

NOTICE

1. This system must be installed in accordance with local and State Plumbing laws.
2. Where influent pressure exceeds 500 kPa (70 psi) a suitable pressure limiting valve must be installed.
3. Do not use with water that is microbiologically unsafe or of an unknown quality without adequate disinfection before or after the system.
4. Product performance is dependent upon influent water quality.
5. The system must be installed and maintained in accordance with the manufacturer's instructions including replacement of the filter cartridges.
6. Please ensure all o-rings are well lubricated and clean from foreign particles.
7. Please use plumbing tape or similar for all threaded connections.

Specifications

OPERATING CONDITIONS

Water Flow:	37.8 lpm (10 gpm) maximum
Working Temp:	4.4 - 38o C (40 -100o F)
Working Pressure:	70 kpa – 694 kpa (10-90 psi) – a pressure limiting valve must be installed when pressure exceeds 500 kPa (70 psi).
Working Conditions:	For indoor use – protection required when installed outdoors.
Size:	254 mm (10") x 254mm (10") x 457mm (18")
Min Net Weight:	7 kgs (15 lbs)

CONDITIONS FOR USE

pH :	6.5 to 8.5
Hardness, max:	75 grains per gallon (1300ppm CaCO3)
Chlorine:	< 3 ppm
Iron, Ferrous:	< 0.3 mg/L
Manganese:	< 0.05 mg/L
Copper:	< 1.3 mg/L
Oil & Phosphates:	zero
Hydrogen Sulfide (H2S):	zero

CONTAMINANT TREATMENT

Sediment / Particulates:	20 microns with a dirt holding capacity up to 1 kg (2.2 lbs)
Chlorine Reduction:	189,000 litres (50,000 gallons)* @ 11.34 lpm (3 gpm)
Scale Prevention:	Up to 3 years

* according to lab test of carbon block manufacturer.

Ordering Information

OneFlow+ Complete System			
7100638	OFPSYS	Scale Prevention and Water System	
OneFlow+ Water Filter Replacements			
7100639	OFPRFC	Radial Flow Carbon Block Cartridge	F40
7100640	OFPSP	Scale Prevention Cartridge	F41
7100641	OFPCOM	Combo Pack	FP14
OneFlow+ System Replacement Parts			
7300759	OFPHSG	Housing and Head Assembly	
7300760	OFPA	Inlet / Outlet Red Adapter Locking Pin	
7300761	OFPA	1-in NPT Inlet / Outlet Adapters	
7300762	OFPOC	Outlet Connector	
7300763	OFPTOOL	Multifunction Tool	
7300764	OFPMB	System Mounting Bracket	



WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
For more information: www.watts.com/prop65

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