

UrSpring HotWater™

Domestic Hot Water Filtration

99.99% REMOVAL OF LEGIONELLA AND PATHOGENS



PRODUCT OVERVIEW

Legionella infestations in domestic water systems are dangerous and commonplace. Growing awareness by public health officials, plumbing engineers, and building operators has led to a demand for regulatory reform and real solutions to this widespread issue. A comprehensive legionella control program requires risk assessment, multi-faceted equipment solutions, potential re-piping of water systems, and regular testing by qualified partners. One area of primary concern is domestic hot water systems serving showers and other fixtures, as they can easily atomize legionella into inhalable water droplets. UrSpring HotWater™ ultrafiltration systems, when installed on a recirculating hot water loop (or on the supply line to a group of hot water fixtures) remove 99.99%+ of all bacteria and viruses, including Legionella pneumophila. As such, they serve a critical role in the fight to reduce overall bacterial counts and protect users from exposure to harmful pathogens.

PRODUCT FEATURES

- ✓ Reliable, German hollow-fiber membrane technology by Seccua GmbH
- ✓ 99.99+% removal of all bacteria, viruses, and particulates, with minimal pressure loss
- ✓ Dissolved substances, including hardness minerals and disinfectants, remain in solution
- ✓ Flushes automatically, based on membrane permeability levels (flow + temperature + psid)
- ✓ Maximum operating temperature: 158°F (max intermittent: 170°F)
- ✓ Automatic pressure relief at 72 psi for membrane and system protection
- ✓ NSF® 61-compliant
- ✓ 12 month membrane life, with easy replacement
- ✓ User-friendly controls with flow and pressure data displayed
- ✓ Backed-up across USA by a qualified network of Water Control technicians, service agents, and local representatives

PRODUCT SPECIFICATIONS

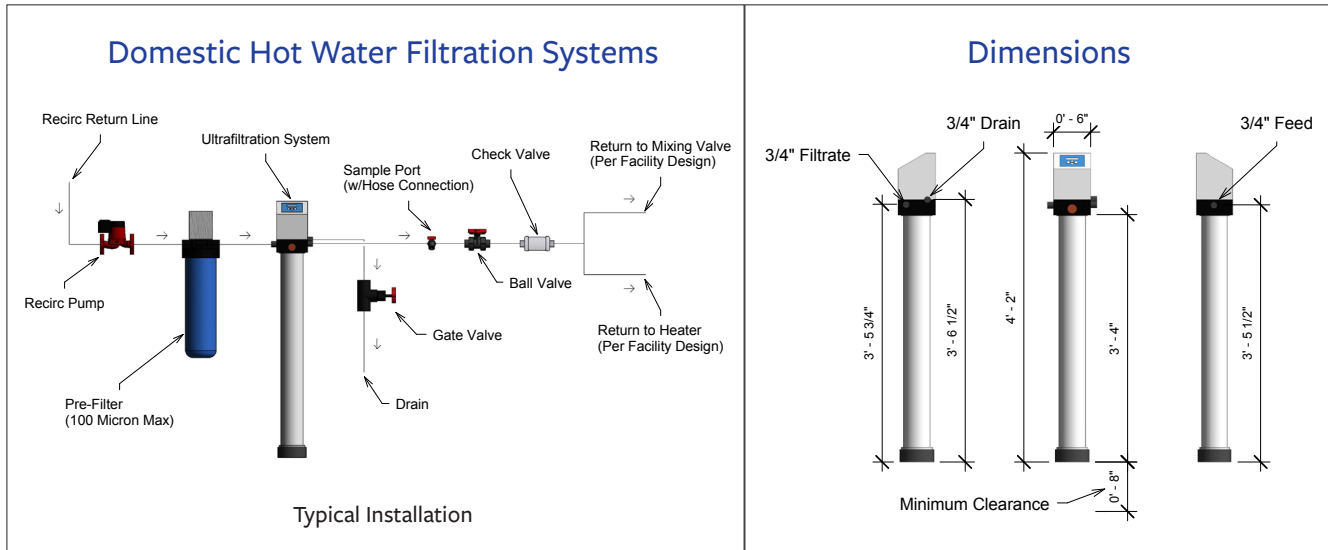
UrSpring HotWater™	Model URSHW200
Flow Range @ 15 psid ¹	5.6 – 8 GPM
Flow Range @ 10 psid ¹	4.2 – 6 GPM
Flow Range @ 7 psid ¹	3 – 4.3 GPM
Bacteria Reduction	99.999%
Virus Reduction	99.99%
Inlet/Outlet Connections ²	¾" FNPT or SWT
Drain Line Size	¾"
Flush GPM (to drain)	8
Flush Duration	10 seconds
Max Flush Psid ³	32
Flush Trigger ⁴	70% permeability
Membrane Life	12 months
Maximum Hardness	N/A
Maximum Iron	2 PPM
Electrical Requirements	120v, 1ph (5W)

¹Based on 70 – 100% permeability. Multiple units may be installed in parallel

²Specify desired connection

³Install ball or gate valve on drain line so that 32psid is not exceeded during flush (automatic monitoring)

⁴Adjustable. Permeability based upon flow rate + psid at constant temp.



Note: Pressure relief mechanism will limit your system to 72 psi

We have team members throughout the US and Canada who are ready to serve you. To get started, please talk with your local sales representative, or contact our Technical Support Department at: 1-866-405-1268 or techsupport@watercontrolinc.com.

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