

Engineering Specification

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

LEAD FREE*

Model PWDWTPFAS1 Single-Stage Total PFAS Filtration System

Total PFAS, lead, and microplastics are environmental pollutants that can contaminate your home's drinking water. These substances may pose serious health risks due to their persistence in the environment and their ability to accumulate in the human body over time. Lead is often found in older plumbing systems or results from industrial pollution. Microplastics, which are tiny plastic particles from degraded plastic waste, can enter drinking water sources through stormwater and wastewater runoff. Per- and polyfluoroalkyl substances (PFAS), also known as "forever chemicals," are synthetic compounds used in products like non-stick cookware, firefighting foam, and certain food packaging. PFAS can leach into groundwater and surface water, eventually making their way into public water systems.

This Watts Pure Water PWDWTPFAS1 Single-Stage Total PFAS filtration system provides protection from Total PFAS & other contaminants and connects directly to the cold side of most standard kitchen and bathroom faucets. It provides superior filtration for all the cold water to your faucet.

The 6-months or 3,200 gallon capacity filtration system features a high flow 0.5 micron carbon block filter with simple quarter turn filter change out and simple under sink installation. This Total PFAS Filtration system is designed and certified to reduce 99.5% of Total PFAS in drinking water at any point of use in your household. It also is certified to reduce Lead, Cyst, Microplastics, Chlorine Taste and Odor, and Class 1 Particulate for great-tasting, safer potable water.

Features

- High-flow system (2.5 gallons per minute) with 0.5 micron carbon block filter (3,200 gallon capacity)
- System comes complete with integrated 3/8" quick connect fittings connection for inlet/outlet & tubing required for a quick and easy standard installation
- Connects directly to most standard kitchen and bathroom cold water faucets
- Filter disconnects and connects from the unit by a simple quarter-turn

Benefits

- Certified to reduce Total PFAS, Lead, Cyst, Asbestos, Microplastics, Chlorine Taste and Odor, and Particulates Class 1
- Provides superior filtration for all the cold water to your kitchen and bathroom faucets
- No additional hole to drill for faucet in sink or counter-top
- System goes well beyond basic water filtration and typical "pitcher" or "end-of-tap" filter

Watts product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Watts Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Watts products previously or subsequently sold.

WATTS
pure water



PWDWTPFAS1
Ordering Code #7101116



PWDWTPFAS1 is certified by IAPMO R&T to NSF/ANSI 42 for the reduction of Chlorine, Taste and Odor, and Particulates Class 1; NSF/ANSI 53 for the reduction of Total PFAS, Lead, Cyst and Asbestos; NSF/ANSI/CAN 372 for low lead Compliance; NSF/ANSI 401 for reduction of Micro-Plastics; and to CSA B483.1 as verified and substantiated by test data.

WARNING

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 water that may contain filterable cysts.

NOTICE

The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.

*The wetted surface of this product contacted by consumable water contains less than 0.25% of lead by weight.

WATTS

Certified Performance

Tested	Average % Reduction
Total PFAS	99.55%
Lead 6.5	99.43%
Lead 8.5	99.82%
Cysts	99.99%
Asbestos	99.99%
Microplastics	98.26%
Chlorine Taste and Odors	92.90%
Particulate Class 1	98.26%

See manual for full performance data sheet

Specification

PWDWTFAS1 Total PFAS Reduction System can only be installed on a cold water line. All parts required for a typical kitchen or bathroom faucet connection are included. This 2.5 GPM high flow system is certified to reduce Total PFAS, lead, cyst, asbestos, microplastics, chlorine taste and odor, and class 1 particulate. The included 3,200 gallon capacity Total PFAS reduction filter features a Quick-Change quarter-turn connection for easy cartridge replacement.

Replacement Filter Cartridge

Call customer service if you need assistance with technical details.

MODEL	ORDERING CODE	FREQUENCY	DESCRIPTION
PWCBTPFAS1	7101117	3,200 gallons or 6 months	Carbon Block Filter

NOTICE

Your water conditions may require more frequent replacement. Please contact Watts Technical Support for further assistance.

Feed Water Requirements

Please review operating pressures, temperatures and water chemistry limitations to ensure compatibility.

	MAXIMUM	MINIMUM
Operating Temperature:	100°F (37.8°C)	35° F (1.7°C)
Operating Pressure:	100 psi (689 kPa)	10 psi (69 kPa)
pH Parameters:	10	5
Flow Rate:	2.5 gpm (9,46 lpm)	

NOTICE

Water Operating Pressure: The operating water pressure in your home should be tested over a 24-hour period to attain the maximum pressure. If the incoming water pressure is above 85psi, a pressure regulator is recommended and if over 100psi, then a pressure regulator is required.

Dimensions

