WP3000(US) Twist-Lock Filter Cartridge

Carbon block filtration for PFAS, lead, cysts and microplastics

Safer, better-tasting drinking water from one compact cartridge, certified by IAPMO R&T to NSF/ANSI 42, 53 and 401, and lead free to NSF/ANSI/CAN 372. The twist-lock head makes a cartridge change quick and clean, with no contact with the filter media.



99.98%
cyst reduction, average of two filters in seal verification testing

1.5 gpm
rated service flow (5.68 L/min)

3,000 gal
rated capacity (11,356 L)

FEATURES AND BENEFITS

Reduces PFAS and lead to below NSF/ANSI 53 limits for drinking water.

Reduces cysts by 99.98%, plus microplastics, asbestos, turbidity and submicron particles.

Reduces chlorine taste and odor for cleaner-tasting water.

Sanitary replacement. The media is sealed inside the cartridge, so it is never handled or exposed during a change.

Protects downstream equipment from clogging caused by particulates and scale build-up.

SPECIFICATIONS

System **WP3000(US)**	Replacement cartridge **WP3000(US)-RF**	Working pressure **30–125 psi (2.0–8.6 bar)** Rated 150 psi; hydrostatic test 450 psi	Water temperature **35–100 °F (2–38 °C)**
Rated service flow **1.5 gpm (5.68 L/min)**	Rated capacity **3,000 gal (11,356 L)**	Filter head **Single-stage twist-lock**	Connections **3/8 in push-fit**

INSTALLATION

1. Install vertically, with the cartridge hanging down.
2. Leave 2.5 in (6.35 cm) below the cartridge for replacement.
3. Flush for 10 minutes at full flow before use.

OPERATION

1. Replace every 12 months as preventive maintenance.
2. Replace earlier when rated capacity is reached or water pressure drops noticeably.
3. Flush every new cartridge at installation.

Contaminant reduction

The WP3000(US) system with the WP3000(US)-RF replacement cartridge is certified by IAPMO R&T to NSF/ANSI 42-2022, NSF/ANSI 53-2021 and NSF/ANSI 401-2020 for the reduction claims below, at a rated service flow of 1.5 gpm and a rated capacity of 3,000 gallons. It is also certified lead free to NSF/ANSI/CAN 372-2022. Listings can be verified at pld.iapmo.org under file numbers WP-31374 to WP-31377. Cartridge materials also passed NSF/ANSI 42 Section 4 extraction testing, with no lead or PFAS detected in the extraction water.

Standard	Substance	Influent challenge	Required reduction	Max. product water
NSF/ANSI 42	Chlorine, taste and odor	2.0 mg/L ± 10%	≥ 50%	—
NSF/ANSI 42	Nominal particulate Class I, 0.5 to < 1 µm	≥ 10,000 particles/mL	≥ 85%	—
NSF/ANSI 53	Asbestos (fibers > 10 µm)	10^7 to 10^8 fibers/L	≥ 99%	—
NSF/ANSI 53	Cysts	Minimum 50,000/L	≥ 99.95%	—
NSF/ANSI 53	Lead at pH 6.5	0.15 mg/L ± 10%	—	0.005 mg/L
NSF/ANSI 53	Lead at pH 8.5	0.15 mg/L ± 10%	—	0.005 mg/L
NSF/ANSI 53	Total PFAS	0.00216 mg/L ± 20%	—	0.00002 mg/L
NSF/ANSI 53	Turbidity	11 ± 1 NTU	—	0.5 NTU
NSF/ANSI 401	Microplastics	≥ 10,000 particles/mL	≥ 85%	—

FILTER DIMENSIONS



FOR BRAND PARTNERS

WP3000(US) is an OEM / ODM drinking-water platform. Hiso builds the cartridge and filter head under your brand, backed by twenty-plus years of filtration engineering and a manufacturing network across China and Southeast Asia.

- Private-label branding and packaging
- Cartridge media configured to your market
- Single, series or parallel layouts
- Technical documentation
- Certification coordination for your models
- Bench check on your system

Not all water will contain the contaminants listed. Tested under standard laboratory conditions; actual performance may vary. Cold water only. Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

Substances certified under NSF/ANSI 401 are classed as incidental contaminants or emerging compounds: found in drinking water at trace levels, but able to affect how people perceive drinking-water quality.