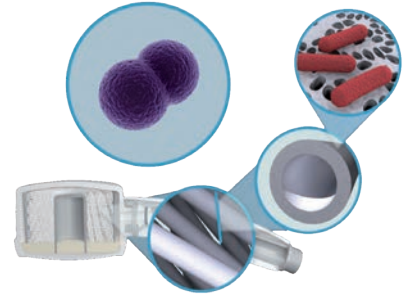


# Hospitality Water Filters

## ShowerFilter Deluxe

The Fealter ShowerFilter Deluxe provides flexible protection against the Legionella bacteria. This waterborne pathogen can cause the dangerous Veterans disease (Legionellosis). The most common route of infection is inhalation of airborne droplets containing Legionella bacteria. Outlet points of warm water installations, such as showers, generate these aerosols.



### Benefits

- Proven performance on Legionella retention
- Long service life: up to 3 months (dependent on feed water quality & frequency of use)
- High flow rate, even on low water pressures
- Easy to install on every shower hose
- Hygienic filter cartridge change: both shower grip and cartridge are valved (no risk of contamination during change-out)
- Flow restrictor creates water-efficient shower
- Equipped with anti-scale nozzles for easy cleaning



### Applications

The ShowerFilter Deluxe is an ideal 'firstaid' product in case of Legionella outbreaks or in cases when extensive protection is necessary. Applications include:

- Commercial buildings such as sport facilities and hotels
- Institutional buildings such as nursery and elderly homes and prisons
- Recreational facilities like holiday resorts, boats and RV's



### Materials and operating specifications

#### Filter media

Capillary microfiltration membranes

#### Micron rating

0,2 µm (max. pore size)

#### International standards

All wetted parts are fully compliant with international drinking water regulations

#### Max. operating pressure

5 bar (72,5 psi)

#### Operating temperature

0 - 50 °C (0 - 122 °F); 70 °C for 30 min. @ 2 bar during lifetime

#### Chlorine exposure

1,200 ppm for total of 10 hours during lifetime

#### Storage & handling

- Validated shelf life: 2 years
- Keep dry during storage; protect against freezing after first use
- Handle with care; do not expose to shocks
- Disposable product; discard as regular waste



The ShowerFilter Deluxe looks and feels like a design handheld showerhead, but it holds a unique replaceable filter cartridge. This cartridge contains capillary microfiltration membranes, which effectively retain the Legionella bacteria. The porous wall of these hollow fiber membranes contains billions of microscopic pores, which act as an ultra fine sieve. While water molecules pass through, the pores retain micro-organisms and other particular contaminants.

## Filter cartridge specifications & performance data

Model number	ICF-SDSS	ICF-SDRC
		
Model name	ShowerFilter Deluxe Startset	ShowerFilter Deluxe Replacement Cartridge
Max. dimensions	270 x 104 mm	80 x 54 mm
Weight	410 g	110 g
Connection	1/2 inch BSP	-
Initial flow rate @ 2 bar	8 l/min (2 Gpm) <sup>(1)</sup>	
Validated lifetime	70 days (10 weeks) <sup>(2)</sup>	
Biological retention	Legionella > log 7 <sup>(3)</sup>	

<sup>(1)</sup> Flow restrictor inside. Complies as a class A water efficient showerhead.

<sup>(2)</sup> Dependent on feed water quality & frequency of use.

<sup>(3)</sup> Log 7 = 99,99999 % reduction. Tested by Vitens Water Research.

### Flow rate vs Pressure drop

