

Baclyser[®] neo S

2022

sterile, point-of-use shower filter



TECHNICAL SPECIFICATION

Baclyser[®] neo S

The Baclyser[®] neo S is a sterile¹, point-of-use shower filter for use in high-risk areas in medical facilities for the prevention of bacterial nosocomial infections caused by *Pseudomonas aeruginosa*, *Legionella pneumophila*, *Stenotrophomonas maltophilia* or *Staphylococcus aureus* in immunocompromised and immunosuppressed patients.

The effect is achieved by interrupting the transmission path of these germs through filtration of the water and protecting against retrograde contamination when using the water taps through hygienic design and antimicrobial protection functions. The Baclyser[®] neo S is available in 3 different service lives: 2M, 3M and 4M.

Fields of Application

- Point-of-use 0.2 µm hollow fibre membrane filter
- Available in 3 different service lives (2M, 3M and 4M)
- Maximum retrograde protection thanks to anti-bacterial MetalSkin Medical[®] coating²
- Pleasant showering experience thanks to high flow rate over the entire service life
- Smart design: balanced weight distribution, easy installation via G ½" and colour coding of the service life variants



Technical Data

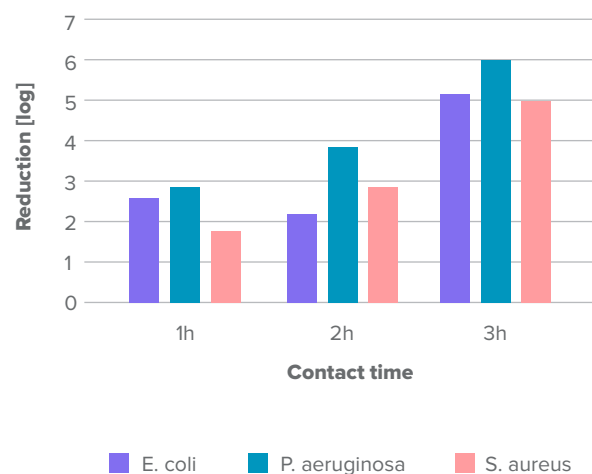
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|--------------------------------|--|
| ■ Size: ø Shower head: | 92 mm, ø Handle: 41 mm, Length: 256 mm |
| ■ Retention: | 7 log steps ³ |
| ■ Membrane: | Hollow fibre, pore size 0.2 µm |
| ■ Operating time: | 62, 93 or 124 days (2M, 3M or 4M) ⁴ |
| ■ Flow Rate: | 15 l/min at 5 bar, 11 l/min at 3 bar |
| ■ Max. operating pressure: | 5 bar ⁵ |
| ■ Max. operating temperature: | 60 °C (at 70 °C ≤ 30 min over operating time) |
| ■ Connection: | G ½" thread |
| ■ Chlorine resistance: | ≤ 10 ppm ⁶ |
| ■ Chlorine dioxide resistance: | ≤ 0.8 mg/l |

Item no.

102142 Baclyser® neo S 2M
 102143 Baclyser® neo S 3M
 102144 Baclyser® neo S 4M



Value of antibacterial efficacy MetalSkin Medical®



¹Sterile filtration: Pathogen retention ≥ 10⁷ B. diminuta CFU/cm² filter membrane surface (= 7 log steps). ²Externally laboratory validated according to ISO 22196:2011-08. ³Measured in accordance with the international ASTM F838-20 standard – Standard Test Method for Determining Bacterial Retention of Membrane Filters Utilized for Liquid Filtration. ⁴Depending on water quality. If you use the Aqua free filter change service, the filter will be changed every 8, 12 or 16 weeks. ⁵The Baclyser® neo S must not be connected to low pressure units (boiler). ⁶Continuous dosage of ≤ 10 ppm over operating time; short-term (1h) high dosage (400,000 ppm) for chemical disinfection.

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