




Data sheet

Baclyser[®] *neo S*



sterile,
point-of-use
shower filter

Your specialist
for water hygiene

Data sheet

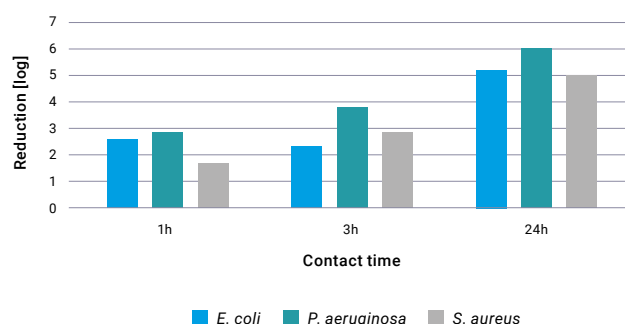
Baclyser[®] neo S

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.

- ° 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 live variants



Value of antibacterial efficacy
MetalSkin Medical[®]



Technical data

Size: ø Shower head: 92 mm,
ø Handle: 41 mm, Length: 256 mm

Retention: 7 log steps³

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 bar⁵

Max. operating temperature: 60 °C
(at 70 °C ≤ 30 min over operating time)

Connection: G ½" thread

Chlorine resistance: ≤ 10 ppm⁶

Chlorine dioxide resistance: ≤ 0.8 mg/l

Item no.

102142 Baclyser[®] neo S 2M

102143 Baclyser[®] neo S 3M

102144 Baclyser[®] neo S 4M

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

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aqua-free.com

Aqua free Solutions Ltd.
The Media Centre, 7 Northumberland Street
Huddersfield, HD1 1RL, Great Britain
+44 (0)1484 483045
info@aquafree.co.uk

Aqua free GmbH
Winsbergring 31
22525 Hamburg, Germany
+49 (0)40 46 89 99-90
info@aquafree.com



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EN ISO 13485