

# Baclyser® neo T

2023

Point-of-use tap filter for use  
in high-risk areas of medical facilities.

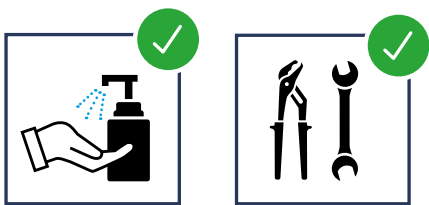


## TECHNICAL SPECIFICATION



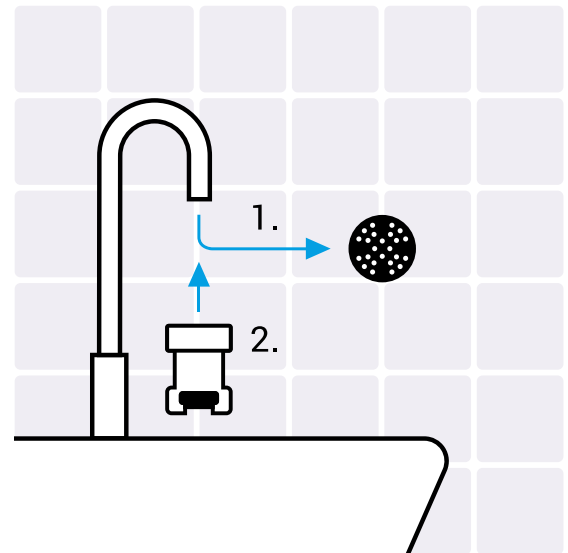
# Instruction For Use

## Installation quick release coupling

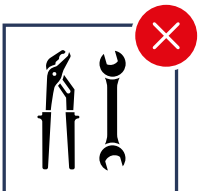


Hand disinfection

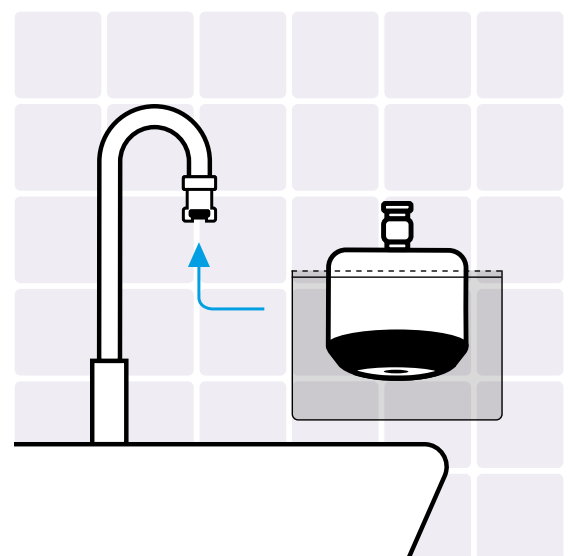
1. Remove the aerator. 2. Install suitable quick-release coupling with seal.



## Filter installation



Open the packaging. Insert filter into quickrelease coupling with a slight twisting motion until it audibly locks. Remove the packaging.

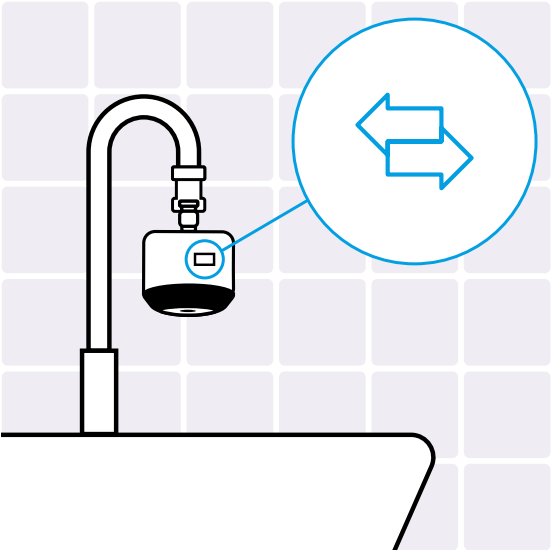


### Filter change documentation

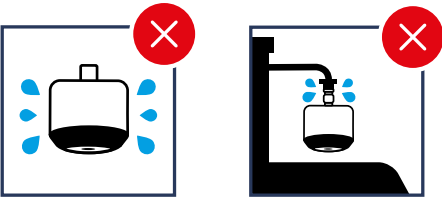


1M / 2M / 3M

Note next change date on change label. Filter life see filter label/packaging.



### Filter function test



Check flow and tightness.

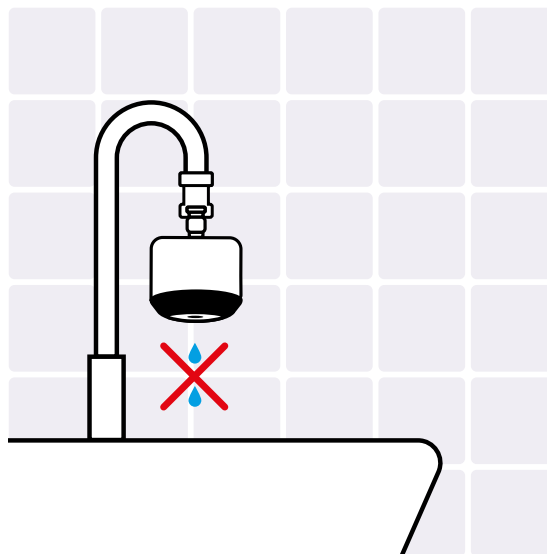


## Disassembly used filter



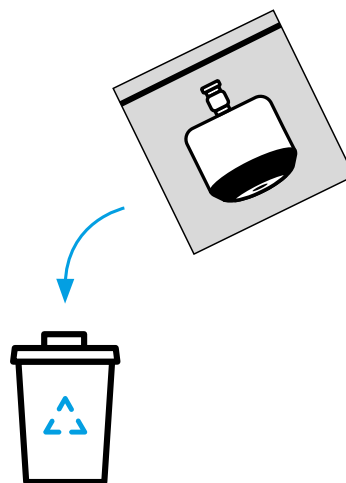
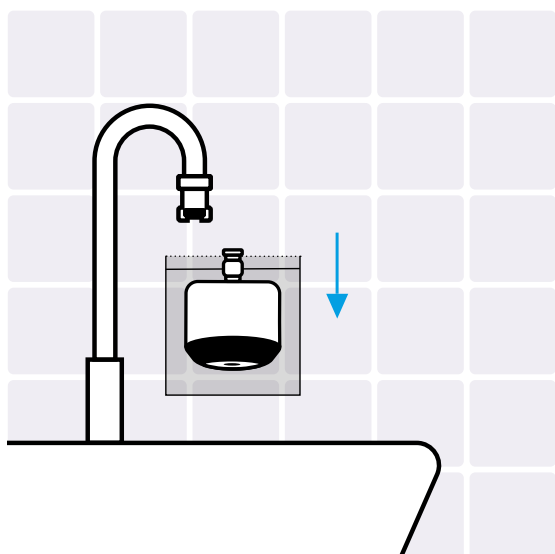
1M / 2M / 3M

After the service life has expired (1M, 2M or 3M), uninstall the filter.

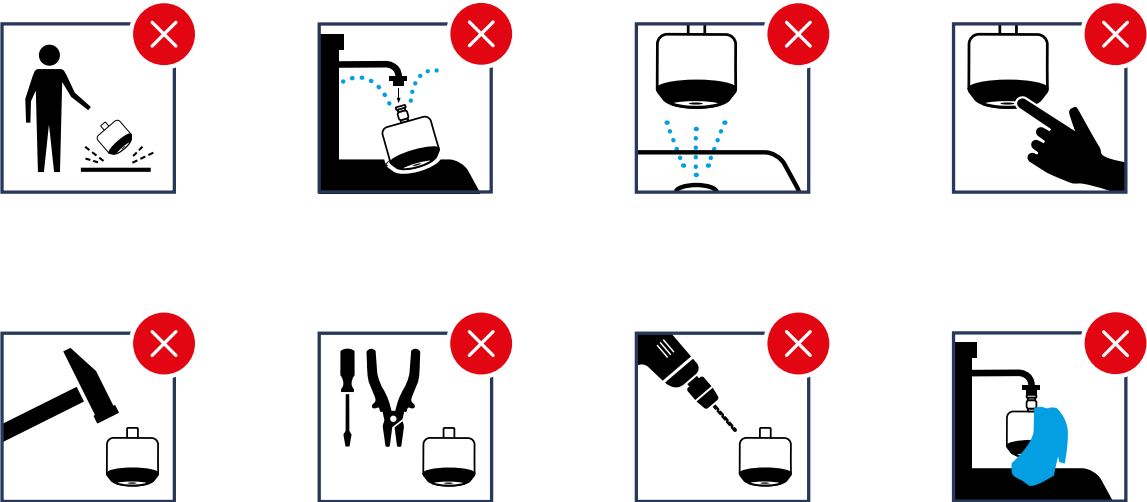


## Disposal of used filters

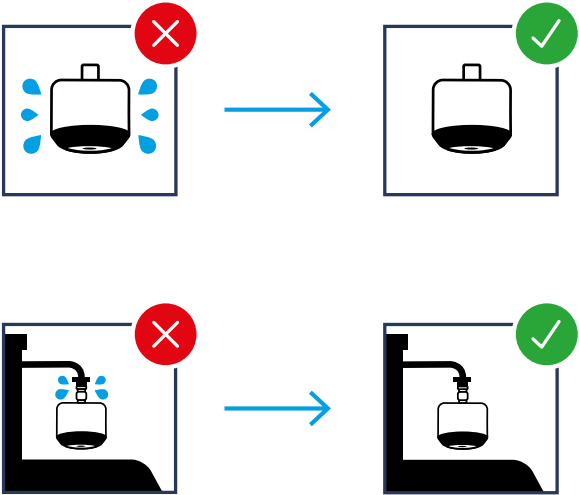
Put the pressure seal bag over the filter and uninstall the filter. Dispose of filter in general waste.



Attention 



Security 





Manufacturer



Serial number



Batch code



Consult instructions for use



Non-sterile



Do not use if package is damaged



Use by



Store dry



Disposable product

## Product description

The Baclyser® neo T is a sterile<sup>1</sup>, point-of-use tap filter for use in high-risk areas of 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 protection against retrograde contamination when using the water taps through hygienic design and antimicrobial protection functions. The Baclyser® neo T is available in three different service lives (1M, 2M and 3M) and in two different outlet variants each (laminar and rose).

## Technical data

**Size:** 49.3 mm x Ø 52 mm

**Retention:** 7 log steps <sup>2</sup>

**Membrane:** Flat sheet membrane, pore size 0.2 µm

**Operating time:** up to 31, 62 or 93 days (1M, 2M or 3M) <sup>3</sup>

**Flow rate:** 15.5 l/min at 5 bar, 13.1 l/min at 3 bar

**Max. operating pressure:** 5 bar <sup>4</sup>

**Max. operating temperature:** 60 °C (at 75 °C ≤ 90 min over operating time)

**Connection:** Quick-release coupling

**Chlorine resistance:** ≤ 10 ppm <sup>5</sup>

**Chlorine dioxide resistance:** ≤ 0,8 mg/l



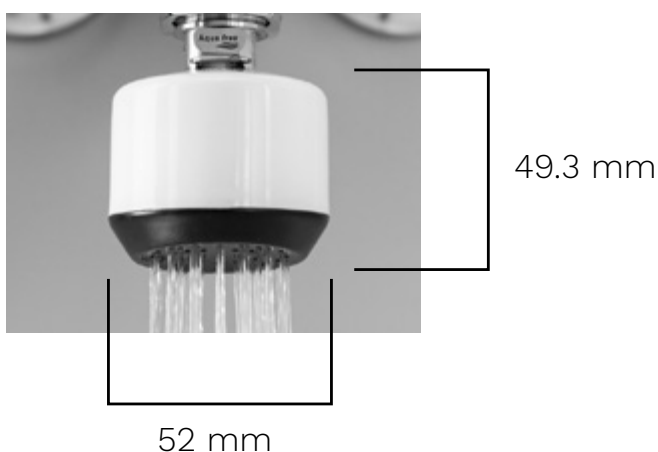
<sup>1</sup> Sterile filtration: Pathogen retention ≥ 10<sup>7</sup> B. diminuta CFU/cm<sup>2</sup> filter membrane surface (= 7 log steps).

<sup>2</sup> Measured in accordance with the international ASTM F838-15a standard – Standard Test Method for Determining Bacterial Retention of Membrane Filters Utilized for Liquid Filtration.

<sup>3</sup> Depending on water quality. If you use the Aqua free filter change service, the filter will be changed every 4 or 8 weeks.

<sup>4</sup> The Baclyser® neo T must not be connected to low pressure units (boiler).

<sup>5</sup> Continuous dosage of ≤ 10 ppm over operating time; short-term (1h) high dosage (400,000 ppm) for chemical disinfection.



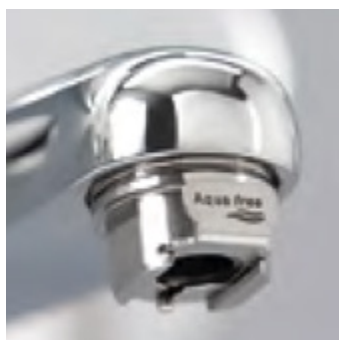
## Adapter and functional materials



Quick-release coupling M24,  
external thread (incl. seal),  
with AquaStop,  
(Art. No. 100298)



Quick-release coupling M22,  
internal thread (incl. seal),  
with AquaStop,  
(Art. Nr. 100296)



Quick-release coupling M24  
short, external thread (incl.  
seal), without AquaStop,  
(Art. Nr. 102668)

Further adapters and functional materials on request.



## Maintenance and Cleaning

The Baclyser® neo T requires no maintenance within the specified operating time. The outside of the filter can be cleaned using common surface disinfectants. To prevent retrograde contamination, daily wipe disinfection of the Baclyser® neo T is recommended.

When replacing the Baclyser® neo T, a small amount of unfiltered water will flow out. Over time, this will lead to deposits. For this reason, adapters and connections should be checked at regular intervals for functionality and proper condition and replaced as required.

In the case of a deviation from the specifications or a damage of the package, the product should be returned to Aqua free, along with the “Defect Report” form (download at [aqua-free.com](http://aqua-free.com)).

01 342 844 844  
sales@dupaluk.com  
www.dupaluk.com

Dupal UK Limited  
39 Careys Wood, Smmallfield  
Surrey RH6 9PA, UK

VAT Number: 233 5070 38  
Company Number: 09932632

**dupal**<sup>UK</sup>