HospiShower Filter

Data Sheet

mdi HospiShower Filter Type CMK30L is shower filter specially designed for removing contamination from water stream for patient care in hospitals, health centers, and at home .

The 0.2 µm polyethersulfone (PES) membrane that retains pathogen (bacteria, fungus, parasites) that are dispersed through water and water channels. The PES membrane is also very effective against biofilms, thereby prevents water born infections.

Applications

- Washing and bathing of immuno-compromised patients
- Washing of wounds
- Washing of patients in intensive care

Quality Assurance

- Validated for microbial retention as per ASTM F 838-05
- 100% Integrity tested
- Complete traceability by lot number
- Manufactured in clean room facilities

Special Features

- Compact Design
- High flow rates
- Non-toxic material of construction
- Heat-sealed, no adhesives
- Light weight and self supporting
- Quick connector inlet

Ordering Information

Type	Code
Non Sterile	CMK30L
Sterile	CMK30L-S

Unique Performance Advantages

- Easy installation/removal
- Detachable shower rose
- High throughput
- Compatible with common disinfection procedures
- Immediate removal of waterborne microorganisms for up to one month

Storage and Shelf Life

The shelf life is 3 years.

Material of Construction

Housing
Polypropylene

Filter Media
0.2µm Polyethersulfone Membrane with pre-filter

Specifications

Sterilization
EO Sterilized

Maximum Life in Use
31 days

Dimensions
Length: 96 mm
Diameter: 73 mm

Maximum Operating Temperature of Influent Water
60 °C @ 5 bar

Disinfection With
- Water : Maximum temperature for sanitization: 70 °C @ 5 bar for 60 minutes
- 100 ppm free Chlorine solution

Standards Complied

Bacterial Retention: LRV >7 for *B.diminuta* (ATCC 19146) per cm^2 of filter area as per ASTM F 838-05 and in intermittent use simulation for 31 days.

Inhibition of Retrograde Contamination: Inhibits microbial growth during the recommended life of filter as per JIS Z 2801:2000.

Extractables-Effect on Drinking Water Quality:
- Passes BS6920:2000 Suitability of Non-Metallic Products for Use in Contact With Water Intended for Human Consumption
- Passes European Commission Directive 2002/72/EC relating to Plastic Materials and Articles Intended to Come in Contact With Foodstuffs

Biosafety: Passes the Biological Reactivity Tests, In Vivo for Class VI plastics as described in USP <88>.

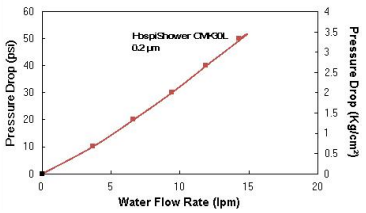
Indirect Food Additives: All Polypropylene components meet the FDA Indirect Food Additive requirements cited in 21 CFR 177.1520.

Particle Release: The filtrate complies with USP <788> test for particulate matter in injections

Fiber Release: Complies with USFDA CFR Title 21, 219.3 (b) (6), after 10 liter flush.

Disinfection Compatibility: Compatible with 100 ppm free chlorine solution.

Water Flow Rate



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