



Easy to Handle, Ready to Connect Complete Units for the Wash Water Filtration in Hospitals

It is a well-known fact that many infections occurring in hospitals are caused by tap water used for the patients' personal hygiene (e.g. washing, showering) or to clean instruments (e.g. rinsing of endoscopes). For hospital areas where high standards of hygiene are required, sterilizing filtration of drinking and service water at the point of use is recommended.

The successful use of Sartorius Capsules in actual day-to-day use is well documented by reports of hygiene specialists. The capsules are re-usable complete units without

expensive stainless steel housings. The compact form of the units with smooth external surfaces meet the hygiene requirements. They are light in weight and therefore very user convenient, as the snap-on connectors enable an easy and rapid installation on taps or directly in front of shower heads. The double-layered membranes are validated for sterilizing filtration, and have bacteria retention ratings that exceed standard requirements to ensure a high margin of safety.

Biosafety	All components pass the USP Plastics-Class VI-Test.
Bubble point	With water, min. value 3.2 bar (320 kPa, 46 psi)
Flow rate	For water at $\Delta p = 3$ bar (300 kPa, 43.5 psi), ca. 12 l/min
Final pressure	Max. $\Delta p = 4$ bar (400 kPa, 59 psi) at 20°C, 2 bar (200 kPa, 29 psi) at 80°C
Filtration area	0.1 m ² (size 8) 0.05 m ² (size 7)
Materials	Cellulose acetate membrane filter (double-layered, 0.45 μ m on 0.2 μ m pore size), polypropylene support and housing.
Sterilization	By autoclaving (121°C, 1 bar, 30 min or 134°C, 2 bar, 15 min).

Order numbers for wash water capsules

5 capsules in a pack, sterile, individually packed

5231307H8-PQ-B	Inlet: 6 mm quick connect coupling; outlet: integrated PP-showerhead
5231307H8-PO-B	Inlet: 6 mm quick connect coupling; outlet: hose barb
5231307H8-VQ-B	Inlet: 8 mm quick connect coupling; outlet: integrated PP-showerhead
5231307H8-VO-B	Inlet: 8 mm quick connect coupling; outlet: hose barb
5231307H8-VZ-B	Inlet: 8 mm quick connect coupling; outlet: G1/2 male thread for installation of a separate autoclavable showerhead
5231307H7-PQ-B	Inlet: 6 mm quick connect coupling; outlet: integrated PP-showerhead
5231307H7-PO-B	Inlet: 6 mm quick connect coupling; outlet: hose barb
5231307H7-VQ-B	Inlet: 8 mm quick connect coupling; outlet: integrated PP-showerhead
5231307H7-VO-B	Inlet: 8 mm quick connect coupling; outlet: hose barb
5231307H7-VZ-B	Inlet: 8 mm quick connect coupling; outlet: G1/2 male thread for installation of a separate autoclavable showerhead

Accessories

Couplings	17712	8 mm quick-connect coupling without water stop
	17713	8 mm quick-connect coupling with water stop
Separate showerhead	17771	Autoclavable showerhead G 1/2 female thread
Adapters to attach the quick-connect couplings to taps or fittings of different thread sizes	17747	G 3/8-female thread
	17748	G 1/2-female thread
	17749	M 22 x 1-female thread
	17750	G 1-female thread
	17766	M 24 x 1 male thread
Integrity testing	16296--05	Fully automated integrity test unit Sartocheck Junior
	17751	Adapter Sartocheck 8 mm quick-connect coupling

Special brochure available on request. Order no. SL-1503-e