

# SAM ACCESSORIES

## DATA SHEET

### BACTERIAL AND HYDROPHOBIC FILTERS

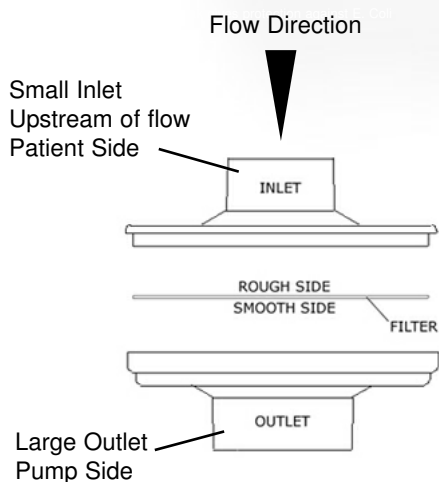


The MGE bacterial filter is a sealed disposable air filter capsule moulded in high impact polystyrene and encapsulates a bonded micro glass fibre disc. The 0.3 micron particle retention of the filter medium gives not less than 99.985% D.O.P. and provides an effective barrier against aerosol contamination.

MGE's bacterial and hydrophobic filters both have bacterial retention of 99.9999% ensuring safety and hygiene for patient and operator. The difference between the two is that the Hydrophobic filter has an integrated micro porous membrane which allows clear flow of air whilst providing an excellent block against accidental back flow. The Hydrophobic filter prevents costly pump damage or contamination from liquids being passed through and ensures that jar overfilling does not result in contaminants being ejected from the suction unit.

#### Technical Specification:

Hydrophobic Filter	-	Green MSP1003 - Disposable Hydrophobic Filters X 24
Membrane	-	PTFE Membrane laminated onto polyester felt
Bacterial Filter	-	White MSP1002 Disposable Bacterial Filters X 24
Filter	-	Filter Paper - high efficient, low resistance
Bacterial Retention	-	99.9999%
Casing	-	Polystyrene GPPS-Atochem Crystal



#### Installation

When replacing filters - particularly the hydrophobic Filter it is important to ensure the filter is connected correctly to suit the direction of flow. The filters will only operate efficiently in one direction.

The diagram indicates the correct orientation when installed in the pipework.



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