

SAM ACCESSORIES

DATA SHEET

SAM BACTERIAL AND HYDROPHOBIC FILTERS



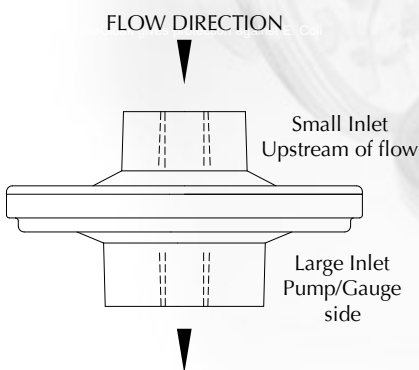
SAM bacterial and hydrophobic filters are sealed disposable air filter capsules moulded in high impact polystyrene encapsulating a bonded micro glass fibre disc.

The filters have a bayonet style fitting on the base to assist with correct fitting and are also now clearly marked with the SAM and MGE logos to help identify them as genuine approved MGE filters.

Both the bacterial and hydrophobic filters have bacterial retention of 99.9999% ensuring safety and hygiene for patient and operator. The 0.3 micron particle retention of the filter medium also gives not less than 99.985% D.O.P. and so provides an effective barrier against possible aerosol contamination. The Hydrophobic filter also has an integrated micro porous membrane on the rear of the filter medium which allows a clear flow of air through one way and an excellent block against any accidental back flow the other. The Hydrophobic filter prevents costly pump damage as well as additional protection against contamination from liquids being sucked through due to jar overflow.

Technical Specification:

Hydrophobic Filter	- Green Colour : MGE Part No MSP1003 - Disposable Hydrophobic Filters X 24
Membrane	- PTFE Membrane laminated onto polyester felt
Bacterial Filter	- Blue Colour : MGE Part No 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 and the diagram opposite indicates the correct orientation when installed in-line in the pipework. However when fitted directly to the mount on a SAM unit, the base of the filter is now moulded with a 'bayonet' type fitting to ensure it can only be connected the correct way around.

Note :MGE Filters are also available from NHS Supply Chain

MGE Bacterial Filters	: Order Code FPA346
MGE Hydrophobic Filters	: Order Code FPA347



Beware of copies - If it doesn't say SAM on the filter, it's not a genuine MGE SAM filter