

Autoclave Filter Elements



Walker Filtration autoclave filters are used to ensure atmospheric air entering an autoclave is both sterile and safe to use in critical applications.

Walker Filtration autoclave filters use high performance filtration with 100% sterilising efficiency. The air is required to release the vacuum within the autoclave. This occurs due to the drying method used.

High efficiency filtration

Manufactured from corrosion resistant materials, designed to operate in arduous environments, each filter is supplied with a replaceable pre-filtration sock providing protection to the high efficiency media.

Designed to meet the requirements of BS EN 285

Constructed to an exceptionally high quality standard, the autoclave filters remove solid and biological particles down to 0.01 micron. The efficiency exceeds that of conventional HEPA filters and has been confirmed in accordance with BS 3928 Sodium Flame Test with a penetration of less than 0.001%.



Applications include

Dental

Laboratories

Medical

Veterinary

Pharmaceutical



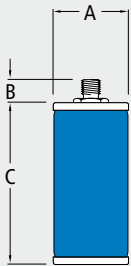
THE QUEEN'S AWARDS
FOR ENTERPRISE:
INTERNATIONAL TRADE
2012





Technical Specification

filter model	pipe size	flow rate		dimensions (mm)			weight Kg
		Nm ³ /h	SCFM	A	B	C	
AF1	Rp 1/2	20	12	83	23	103	0.29
AF2	Rp 1/2	40	24	83	23	183	0.35
AF1 socks	foam prefilter socks to fit AF1 (pack of ten)						
AF2 socks	foam prefilter socks to fit AF2 (pack of ten)						



AF1 & AF2

AF	
Particle removal	0.01 micron
Penetration at 0.3 micron	<0.005%
Maximum steam sterilisation temperature	134°C 273°F
Element end cap material	acetal

technical notes

- 1 Autoclave filter elements are manufactured from corrosion resistant materials and are designed specifically to operate in arduous environments.
- 2 The elements can be steam sterilised at 134°C (273°F).
- 3 High efficiency borosilicate glass microfibre filter media offers over 95% voids volume providing exceptionally high dirt holding capacity for long service life.
- 4 Each autoclave filter is supplied with a replaceable outer foam pre-filtration sock. This provides protection to the high efficiency microfibre media against large atmospheric dirt particles.