



# Autoclave Filter Elements

Walker Filtration Autoclave Filter Elements are used to ensure atmospheric air entering an autoclave is both sterile and safe to use in critical applications. They are recommended for use in sterilizing atmospheric air entering hospital and laboratory sterilizers during the vacuum break cycle.

Manufactured from corrosion resistant materials and designed to operate in demanding environments, Walker Filtration's Autoclave Filter Elements utilize high performance filtration with 100% sterilizing efficiency.

Constructed to an exceptionally high quality standard, our Autoclave Filter Elements remove solid and biological particles down to 0.01 micron. They also exceed efficiencies of conventional HEPA filters and are confirmed in accordance with BS3928 Sodium Flame Test with a penetration of less than 0.001%.

Each filter is supplied with a replaceable pre-filtration sock to provide protection to the high efficiency media.



- **High Efficiency Filtration** 100% sterilizing efficiency and particle removal down to 0.01 micron
- **Corrosion Resistant** Manufactured from corrosion resistant materials and designed to operate in demanding environments
- **High Dirt Holding Capacity** High efficiency borosilicate glass microfiber filter media offers over 95% voids volume providing exceptionally high dirt holding capacity
- **Product Safety in Mind** Quality design in line with requirements of BS EN 285



Medical

Dental

Pharmaceutical

Instrumentation



For further information please call: +1 814 836 2900



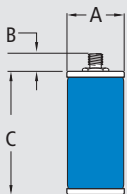
# Technical Specification

Filter model	Connection size	Flow rate		Dimensions inches (mm)			Weight	
		SCFM	Nm <sup>3</sup> /hr	A	B	C	lbs	Kg
AF1	Rp 1/2	12	20	3.27 (83)	0.91 (23)	4.06 (103)	0.64	0.29
AF2	Rp 1/2	24	40	3.27 (83)	3.27 (83)	7.20 (183)	0.77	0.35
AF1 socks	foam prefilter socks to fit AF1 (pack of ten)							
AF2 socks	foam prefilter socks to fit AF2 (pack of ten)							

Grade	AF
Particle removal	0.01 micron
Penetration at 0.3 micron	<0.005%
Maximum operating temperature (recommended)	273°F   134°C
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 sterilized at 273°F (134°C) and are guaranteed for up to 50 sterilization cycles.
3. High efficiency borosilicate glass microfiber filter media offers over 95% voids volume providing exceptionally high dirt-holding capacity for long service life.
4. Each Autoclave Filter Element is supplied with a replaceable outer foam pre-filtration sock. This provides protection to the high efficiency microfiber media against large atmospheric dirt particles.
5. Designed to meet the requirements of BS EN 285.
6. Remove and replace sock when steam sterilizing.



AF1 & AF2

