

## Air & Gas

- Designed to Maximise Flow Rate and Minimise Pressure Drop
- Plenum Base Ensures Collection of Condensate Minimising the Chance of Filter Blinding / High Differential Pressure
- Catered for Both Gas & Steam Applications
- Optional Locking Ring Closure for Extra Security especially in High Pressure Steam Applications
- Available in a Wide Range of Industry Standard Connections

### Applications

#### Microelectronics

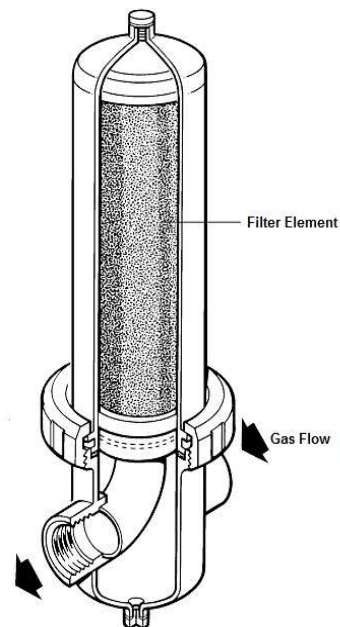
- ❑ CDA (Clean Dry Air)
- ❑ P.O.U (Point of Use where Absolute Filtration is Required)

#### Food & Beverages

- ❑ Sterile Filling
- ❑ P.O.U (Point of Use where Air/Gas is in Contact with Products)
- ❑ Product Transfer
- ❑ Tank Venting
- ❑ Critical Control Point
- ❑ Steam Filtration

#### Pharmaceutical

- ❑ Sterile Filling
- ❑ P.O.U (Point of Use where Sterility of Air/Gas is Required)
- ❑ Product Transfer
- ❑ Tank Venting
- ❑ Steam Filtration



Product of:



## Product Specifications

### Materials of constructions:

- ✓ Stainless Steel 304 & 316L as Standard
- ✓ Other Materials available

### Dimension:

- ✓ Vent & Drain : ¼" NPT or BSPP
- ✓ Vessel Diameter : 102mm (for Single Cartridge only)
- ✓ Fits Cartridge's Lengths: 9.75" (251mm), 10" (254mm), 20" (762mm), 30" (762mm), 40" (1016mm)

### Recommended Operating Conditions:

- ✓ Temperature: >180°C (Housings)
- ✓ Maximum Operating Forward Pressure 16barg

## Custom design

We offer specialist design and fabrication service allowing individual customer system specifications to be met.

### Recommended Cartridge Selections:

- ✓ Sterile Air – Hydrophobic and Fully Validated PTFE media
- ✓ Pre-filtration – Polypropylene or Glass Fibre Media
- ✓ Zero Air – Hydrophobic PTFE media (Integrity Tested)
- ✓ Steam Filtration – Sintered Metal or Pleated Mesh

Ordering Information	Fits Connections			Inlet/Outlet Connections		Type	Seal Material
	Cartridge Length						
ZAH1 (Single Cartridge Housing)	5 – 5"			014/012–		A – BSPP Female	E – EPDM (Standard)
	Cartridge			1¼" or 1½"			
	10 – 10"			02 – 2"		B – NPT Female	
	Cartridge						
	20 – 20"			02 – 2"		C – Din Flange	
Cartridge							
30 – 30"			02 – 2"		D – Tri-Clover		
Cartridge							
*multi rounds available							