

## SPECIFICATIONS

- Efficiencies up to 99.99% for particles up to 0.1 µm, both liquids and solids
- Residual oil after separation down to 0.1 ppm for Reverse version
- Available in 3 diameters and heights up to 40"
- Pleated filter medium with high filtration surface area
- High build-up capability and operational autonomy
- Excellent chemical compatibility
- Low pressure drops and high specific flow rate

### Flow direction:

- Ext > Int for filtration of solids from liquids and gases (Vers. FVC and C-FV)
- Int > Ext for air and compressed gas de-oiling (Vers. RV)

## APPLICATIONS

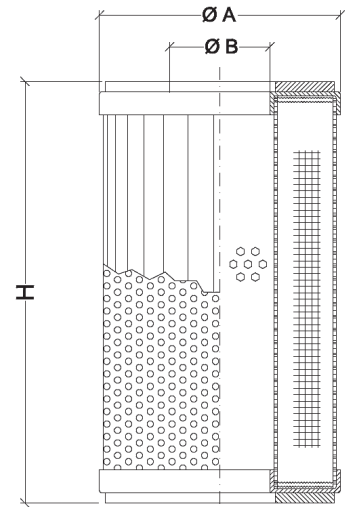
- Air-natural gas filtration
- Nitrogen, hydrogen, water
- Solvents, lubricants, hydrocarbon such as kerosene, diesel, naphtha, etc. and are compatible with main aromatic compounds.

### Max. operating conditions

- Max. operating temperature  
Microglass (FV) 120°C  
Cellulose (C) 110°C
- Max. differential pressure 3 bar @ 20°C
- Recommended Δp to clean filter 0.07 – 0.1 bar
- Recommended Δp for replacement 0.80 – 1.1 bar



SIZE	Air flow rate @ 7 barg - Δp ≤ 0.07 bar Nm³/h					Water flow rate l/h	
	Degree of filtration						
	X	Y / Z	0.45	1	5/10/20	0.45	1 - 20
A	150	190	200	200	200	750	2000
B	240	300	250	300	300	900	2300
C	600	800	800	800	800	2000	5000
D	750	1000	1000	1000	2500	2500	6200
E	1500	2000	2000	2000	2000	5000	12500
F	900	1200	1200	1280	1200	3500	8000
G	1125	1500	1500	1500	1500	4400	10000
H	2250	3000	3000	3000	3000	8800	20000



COMPOSITION CODE	CGLSEP	G	FCV	S1	A	1	3			
	Model	Type	Media Material	Structure Material	Dimensions (mm) ØA x ØB x H	Filtration	Gaskets			
		G = Gas L = Liquid	FVC = Microglass/Cell.	S1 = Aisi 304	A = 68x26x250	Microglass (FV) Microglass/C (FVC)	0.45 = 0.45 µm 1 = 1 µm 5 = 5 µm 10 = 10 µm 20 = 20 µm	1 = Silicone		
			C = Cellulose	Z = Galvanised	B = 68x38x250			2 = Epdm		
			FV = Microglass		C = 92x52x350			3 = Nbr		
				RV = Reverse		D = 92x52x500	Cellulose (C)	3 = 3 µm 10 = 10 µm 20 = 20 µm	4 = Viton	
						E = 92x52x1000			5 = Teflon	
							F = 120x80x350	Reverse (RV)	X = 0.01 µm K = 0.1 µm Y = 1 µm Z = 3 µm	
							G = 120x80x500			
							H = 120x80x1000			