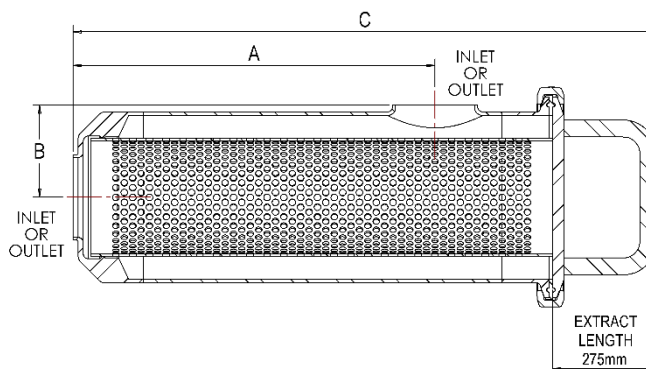


EconPLUS Perforated Filter - 90°

- Reliable low cost pump and instrument protection
- Robust and versatile solution for coarse filtration
- Out-to-in/In-to-Out Flow (both directions)

PERFORATED SCREEN AREA	
Screen Length (mm)	275
Screen dia. (mm)	70
Total Filter Area (mm ²)	53,900
Circular Hole Size	
2.0mm	2000
3.0mm	3000
4.0mm	4000
5.0mm	5000
6.0mm	6000
8.0mm	8000



Nominal Size	Plain Ended			Clamp			RJT (M/M)			DIN (M/M)			IDF (M/M)			SMS (M/M)		
Dimension	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
1 ½"	216	55	335	237	76	356	243	82	362	249	88	368	237	76	356	236	75	355
2"	216	55	335	237	76	356	243	82	362	251	90	370	237	76	356	236	75	355
2 ½"	206	55	335	227	76	356	233	82	362	256	95	375	227	76	356	230	79	359
3"	196	55	335	217	76	356	223	82	362	241	100	380	217	76	356	220	79	359

TECHNICAL DATA	
Material	316L Stainless Steel contact parts
Finish	Dull Polish, Welds Pickled & Brushed Bead-blasted, mirror and electro-polished options available
Flow Rates (Based On Pure Water):	Up to 40,000 litres/hr at 1 Bar ΔP on water depending on size, loading and pressure drop
Pressures:	Up to 10 bar operating pressure : Recommended maximum ΔP 4 bar
Operating Temperature:	Up to 250°C, dependent upon cap seal material
Cap Seal:	EPDM as standard (Viton®, silicone, encapsulated or solid PTFE options available)
Micron Ratings:	2,000, 3,000, 4,000, 5,000, 6,000, 8,000µm (nominal) / 2mm, 3mm, 4mm, 5mm, 6mm, 8mm
End Connection:	Clamp / Plain ended ex-stock (RJT, IDF, DIN, SMS, BSP and Flanged options available)
Standard Connection Sizes:	1 ½", 2", 2 ½", 3" (other sizes available on request)
Clamp Closure:	304 Stainless Steel clamp fitted as standard 316 Safety Clamp option available to enhance plant safety.
Options:	Filters can be fabricated to meet customer requirements including jacketed and duplex options.
Notes:	Dimension Tolerance: +/-5mm, Flow rate will depend on size, loading and pressure drop
GENERAL CAPABILITIES	
Design and System Fabrication, Hygienic Process Plant, Project Management, In-house Manual and Orbital Welding, Machining, Fabrication and Polishing, Component Customisation	
Full materials certification, weld maps, logs, welder qualifications and weld procedures, pickling, passivation and ferroxyl certification.	

Form: FM036-V03 EconPLUS Perforated Filter 90

CUSTOMISED STAINLESS STEEL SYSTEMS, FABRICATIONS AND COMPONENTS

Axium Process Ltd

Hendy Industrial Estate, Hendy, Swansea, UK SA4 0XP

Tel: +44 (0) 1792 883882

Fax: +44 (0) 1792 886049

Email: info@axiumprocess.com

Web: www.axiumprocess.com



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All data is provided in good faith and is subject to change