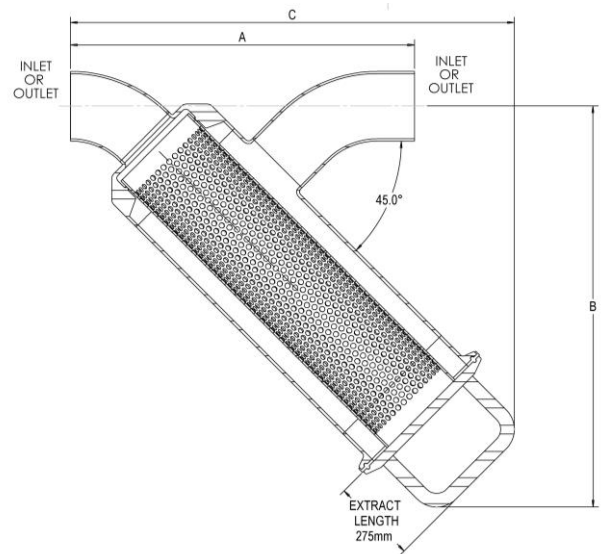


EconPLUS Perforated Filter - IN LINE

- 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	Micron
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 1/2"	201	280	299	244	280	219	255	280	326	267	280	240	244	280	219	241	280	217
2"	251	293	320	294	293	269	305	293	376	321	293	282	294	293	269	291	293	267
2 1/2"	301	298	333	344	298	319	355	298	426	381	298	337	344	298	319	349	298	321
3"	352	303	346	394	303	369	405	303	476	441	303	392	394	303	369	399	303	371

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, 5000, 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 1/2", 2", 2 1/2", 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: +/-3mm, 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: FM035-V03 EconPLUS In Line Data Sheet

CUSTOMISED STAINLESS STEEL SYSTEMS, FABRICATIONS AND COMPONENTS

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