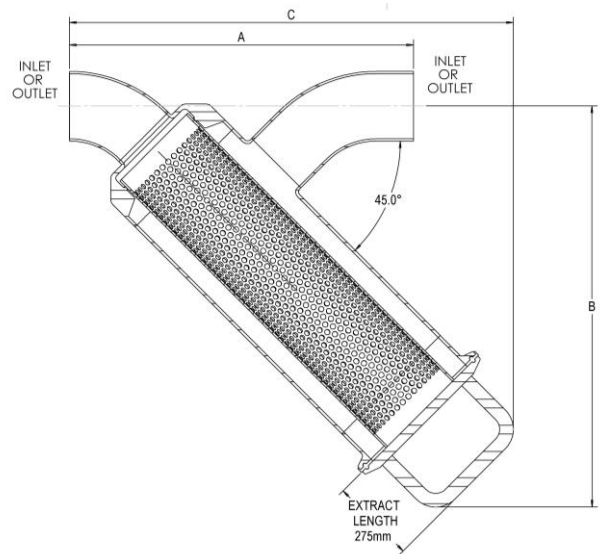


## EconPLUS Perforated Filter - IN LINE

- **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 <sup>2</sup> )	53,900
Circular Hole Size	Micron (µm)
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"	201	280	303	244	280	223	255	280	330	267	280	244	244	280	223	241	280	221
2"	251	293	324	294	293	273	305	293	380	321	293	286	294	293	273	291	293	271
2 ½"	301	298	337	344	298	323	355	298	430	381	298	341	344	298	323	349	298	325
3"	351	303	350	394	303	373	405	303	480	441	303	396	394	303	373	399	303	375

Technical Data	
Material	316L Stainless Steel contact parts
Finish	1.0µm Ra (external) / 1.0µm Ra (internal), Welds Pickled & Brushed Bead-blasted, mirror and electro-polished options available
Flow Rates:	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, nitrile, encapsulated or solid PTFE options available)
Micron Ratings (µm):	2,000, 3,000, 4,000, 5,000, 6,000, 8,000 (nominal)
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: ±10mm Flow rate will depend on size, loading and pressure drop.
Available certification:	
Full materials certification, weld maps, logs, welder qualifications and weld procedures, pressure testing, surface finish, radiography, passivation and ferroxyl certification.	

DECONPLUSIL-V01-ECN3049

## CUSTOMISED STAINLESS STEEL SYSTEMS, FABRICATIONS AND COMPONENTS

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