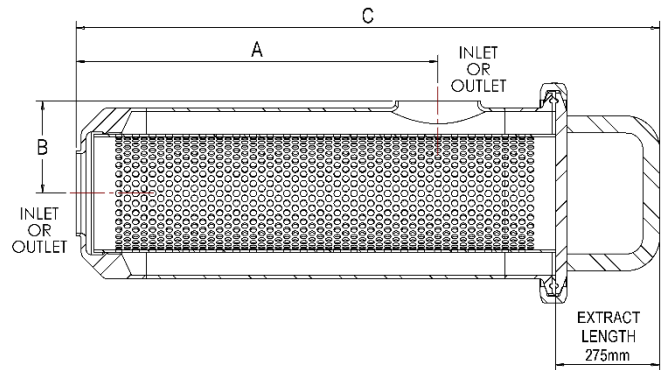


## EconPLUS Perforated Filter - 90°

- 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 <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 1/2"	216	55	341	237	76	362	243	82	368	249	88	374	237	76	362	236	75	361
2"	216	55	341	237	76	362	243	82	368	251	90	376	237	76	362	236	75	361
2 1/2"	206	55	341	227	76	362	233	82	368	256	95	381	227	76	362	230	79	365
3"	196	55	341	217	76	362	223	82	368	241	100	386	217	76	362	220	79	365

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 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: ±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.	

DECONPLUS90-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