



## PRAGA FILTER



### Description

**Praga Filter  
(Sand bed depth: 1.0m)**

***2 Year (plus 8 year pro-rate) Warranty on tank,  
1 Year Warranty on internals, gauges, valves***

Tanks – Maximum working pressure: 250 kPa (2.5 bar) – Test pressure 375 kPa

Tanks – Maximum working pressure: 400 kPa (4.0 bar) – Test pressure 600 kPa

# SPECIFICATIONS

## Praga Filter

### Description:

Bobbin wound fibreglass commercial filters with diameters from 1050mm to 3000mm. Filter lid is 400mm diameter with air purge valve, 20mm slotted laterals in parallel layout, 90mm stand pipe, sand dump port, water drain valve, pressure gauge panel. Maximum operating pressure 250 kPa and 400 kPa models available.

### Options:

Vinylester interior lining, nozzle plate underdrain, sightglass, side manhole, valve batteries. When ordered with nozzle plate collector we recommend the inclusion of a side manhole, specify size and position (225mm, 400mm, 500mm or 600mm).

### Ordering:

Refer to Options Page for option codes and pricing.

### Warranty guide:

2 year full plus 8 year pro rate warranty on filter tank and 1 year full warranty on internal components, gauges, valves. Refer to instructions for full warranty details

**Tanks - Maximum working pressure: 250 kPa (2.5 bar) - Test pressure 375 kPa**

	Product Code	Velocity m3/h/m2	Flow Rate m3/hr	Connections
Praga filter Ø 1050	00687	20	17	63 mm*
Praga filter Ø 1050	00694	30-40	25-34	65 mm
Praga filter Ø 1200	00688	20-30	22-33	65 mm
Praga filter Ø 1200	00702	40	45	80 mm
Praga filter Ø 1400	00689	20	30	65 mm
Praga filter Ø 1400	00696	30	46	80 mm
Praga filter Ø 1400	00703	40	61	100 mm
Praga filter Ø 1600	00690	20	40	80 mm
Praga filter Ø 1600	00697	30-40	60-80	100 mm
Praga filter Ø 1800	00691	20	50	80 mm
Praga filter Ø 1800	00698	30	76	100 mm
Praga filter Ø 1800	00705	40	101	125 mm*
Praga filter Ø 2000	00692	20	62	100 mm
Praga filter Ø 2000	00699	30	94	125 mm*
Praga filter Ø 2000	00706	40	125	140 mm*
Praga filter Ø 2350	00693	20	87	125 mm*
Praga filter Ø 2350	00700	30	130	140 mm*
Praga filter Ø 2350	04935	40	175	150 mm
Praga filter Ø 2500	08695	20	100	140 mm*
Praga filter Ø 2500	08696	30	150	150 mm
Praga filter Ø 2500	08697	40	200	200 mm*
Praga filter Ø 3000	08699	20	140	150 mm
Praga filter Ø 3000	08700	30	212	200 mm*
Praga filter Ø 3000	08701	40	282	200 mm

**Tanks - Maximum working pressure: 400 kPa (4.0 bar) - Test pressure 600 kPa**

	<b>Product Code</b>	<b>Velocity m3/h/m2</b>	<b>Flow Rate m3/hr</b>	<b>Connections</b>
Praga filter Ø 1050	<b>09209</b>	20	17	63 mm*
Praga filter Ø 1050	<b>00712</b>	30-40	25-34	65 mm
Praga filter Ø 1200	<b>00713</b>	20-30	22-33	65 mm
Praga filter Ø 1200	<b>00719</b>	40	45	80 mm
Praga filter Ø 1400	<b>09210</b>	20	30	65 mm
Praga filter Ø 1400	<b>00714</b>	30	46	80 mm
Praga filter Ø 1400	<b>00720</b>	40	61	100 mm
Praga filter Ø 1600	<b>09211</b>	20	40	80 mm
Praga filter Ø 1600	<b>00715</b>	30-40	60-80	100 mm
Praga filter Ø 1800	<b>09212</b>	20	50	80 mm
Praga filter Ø 1800	<b>00716</b>	30	76	100 mm
Praga filter Ø 1800	<b>00722</b>	40	101	125 mm*
Praga filter Ø 2000	<b>09213</b>	20	62	100 mm
Praga filter Ø 2000	<b>00717</b>	30	94	125 mm*
Praga filter Ø 2000	<b>00723</b>	40	125	140 mm*
Praga filter Ø 2350	<b>09214</b>	20	87	125 mm*
Praga filter Ø 2350	<b>09217</b>	30	130	140 mm*
Praga filter Ø 2350	<b>09220</b>	40	175	150 mm
Praga filter Ø 2500	<b>09215</b>	20	100	140 mm*
Praga filter Ø 2500	<b>09218</b>	30	150	150 mm
Praga filter Ø 2500	<b>09221</b>	40	200	200 mm*

\* European Pipe Connections

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Ø (mm)	1,050	1,200	1,400	1,600	1,800	2,000	2,350	2,500	3,000
Flange Ø (mm)	-	-	-	-	-	-	-	-	-
Height of filtration sand (m)	1	1	1	1	1	1	1	1	1
H (mm)	1,640	1,780	1,755	1,835	1,875	2,040	2,520	2,550	2,750
B (mm)	200	230	240	260	280	300	340	340	350
A (mm)	540	570	585	680	720	790	965	1,080	1,100
C (mm)	645	640	610	515	465	510	600	450	440
Ø P (mm)	755	940	1,085	1,230	1,370	1,550	1,859	1,859	2,650
E (mm)	90	90	90	140	140	140	140	140	140
Filtration surface (m <sup>2</sup> )	0.86	1.13	1.54	2.01	2.54	3.14	4.34	4.90	7.07
Volume (l)	1,050	1,500	2,000	2,600	3,400	4,400	8,045	9,050	12,800
Sand 0.4 – 0.8 mm (Kg)	950	1,375	1,650	2,150	2,800	3,800	5,275	5,950	8,600
Gravel 1 – 2 mm (Kg)	300	300	450	675	750	1,050	1,800	2,200	3,300
Total weight in operation (Kg)	2,000	2,700	3,700	4,900	6,100	7,900	12,550	13,760	20,200

