

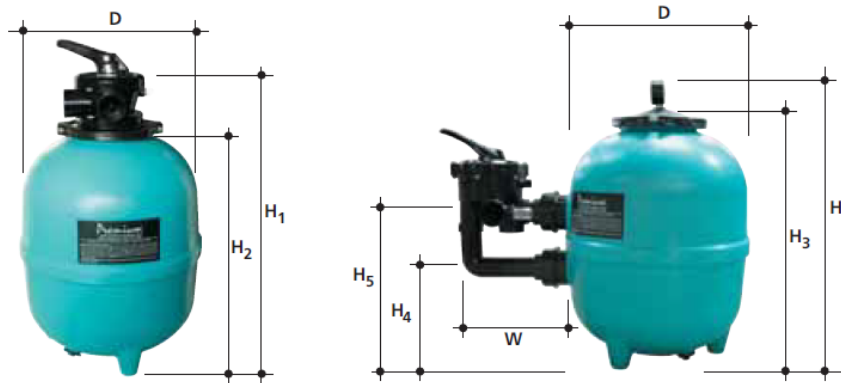


## GEMAS PREMIUM PE PLASTIC SAND FILTERS TECHNICAL DATA SHEET



### Introduction:

Filter shell made of PE Plastic by Rotational Moulding. One-piece body, including pressure gauge, side or top mounted multiport valve and air purge. Test pressure 3,5 kg/cm<sup>2</sup>. Max. operation pressure 2,5 kg/cm<sup>2</sup>. Filtration rate: 50 m<sup>3</sup>/h/m<sup>2</sup>.



### TECHNICAL CHARACTERISTICS

	<i>Top Mounted Multiport Valve</i>			<i>Side Mounted Multiport Valve</i>		
<i>MODEL</i>	400	500	615	400	500	615
<i>D (mm)</i>	400	500	615	400	500	615
<i>H<sub>1</sub> (mm)</i>	760	800	920	615	660	775
<i>H<sub>2</sub> (mm)</i>	525	565	685	-	-	-
<i>H<sub>3</sub> (mm)</i>	-	-	-	555	600	715
<i>H<sub>4</sub> (mm)</i>	-	-	-	200	225	280
<i>H<sub>5</sub> (mm)</i>	-	-	-	325	350	410
<i>W (mm)</i>	-	-	-	260	260	260
<i>W1 (mm)</i>	-	-	-	-	-	-
<i>CONNECTIONS (Ø)</i>	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
<i>FLOW (m<sup>3</sup>/h) (50 m<sup>3</sup>/h/m<sup>2</sup>)</i>	6,3	10	15	6,3	10	15
<i>SAND (Kg)</i>	80	100	150	80	100	150
<i>NET WEIGHT (Kg)</i>	9,000	12,000	16,000	8,700	11,700	15,700

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"Pool Technology"

### Side Mounted Part List:



No	Filter Part Description	Qty
01	Air Purge	1
02	Air Purge O-ring	1
03	Manometer	1
04	Linked Clamps Filter Cover (Transparent opt.)	1
05	Gasket for Filter Lid with Clamp Connection	1
06	Clamp Set	1
07	Filter Inside Top Set	1
08	Filter Inside Bottom Set	1
09	Filter Connection Outer O-ring	2
10	Filter Connection Body	2
11	Filter Connection Inner O-ring	2
12	Pipe Connection	2
13	Filter Pipe Connection Nut	2
14-A	L Shaped Elbow	1
14-B	L Shaped Elbow Pipe Part	1
15	Multiport Valve	1
16	Water Drainage Set	1

### Top Mounted Part List:



No	Filter Part Descriptions	Qty
01	Filter Manometer	1
02	Multiport Valve	1
03	Clamp Set	1
04	Filter Inside Set	
05	Gasket for Filter Lid with Clamp Connection	
06	Water Drainage	

### Water Drainage Part List:



No	Water Drainage Part Description	Qty.
01	Water Drainage Nozzle	1
02	Water Drainage Nozzle Gasket	2
03	Water Drainage Nut	1
04	Water Drainage Purge Nut Gasket	1
05	Water Drainage Cap	1

### Inside Bottom Set Part List:



No	Inside Bottom Set Part Descriptions
01	PVC PN10 Pipe
02	PVC Elbow
03	Male Threaded Adaptor
04	Filter Collector With 6/8/12 Outlets
05	Filter Collector Lid
06	Filter Candle – No:1 Inner Part
07	Filter Candle – No:2 Inner Part
08	Filter Candle – Outer Part
09	Filter Candle – Blind Cap

Note: Part quantities and diameters depend on filter model.