



GEMAS FILTRESX MODEL SAND FILTERS TECHNICAL DATA SHEET

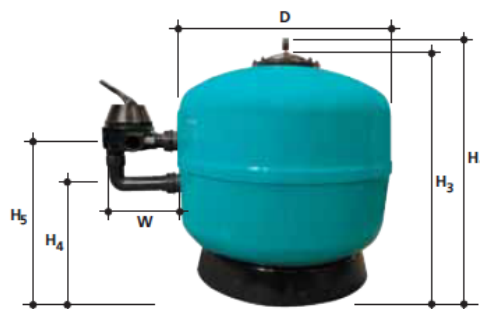


"Pool Technology"

Introduction:

GEMAS "FILTRESX" SAND FILTERS. Filter shell made of fiberglass reinforced laminated polyester, including pressure gauge, side mounted multiport valve and air purge. Test pressure 3,5 kg/cm². Max. operation pressure 2,5 kg/cm². Filtration rate: 50 m³/h / m².

Description	Code	Weight (kg)	Volume (m ³)
Filtrex 450mm (FX 450)	021111	15,40	0,145
Filtrex 500mm (FX 500)	021112	17,50	0,215
Filtrex 630mm (FX 630)	021113	22,80	0,325
Filtrex 710mm (FX 710)	021114	30,00	0,470
Filtrex 830mm (FX 830)	021115	38,60	0,665
Filtrex 900mm (FX 900)	021116	46,30	0,905

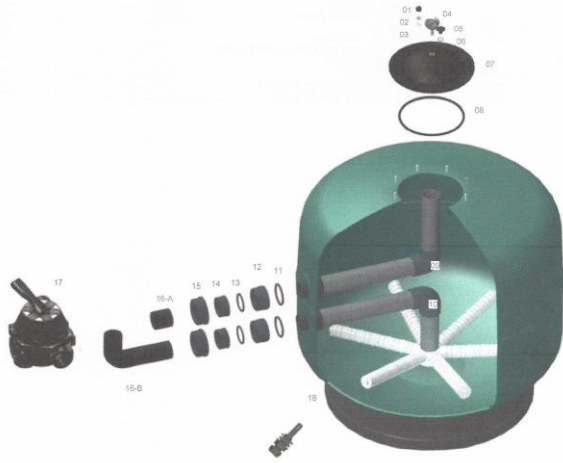


TECHNICAL CHARACTERISTICS

MODEL	FX 450	FX 500	FX 630	FX 710	FX 830	FX 900	FX 1000
D (mm)	450	500	630	710	830	900	1000
H ₁ (mm)	735	760	820	915	975	1020	1410
H ₂ (mm)	-	-	-	-	-	-	-
H ₃ (mm)	675	700	760	855	915	960	1350
H ₄ (mm)	270	305	335	355	375	395	525
H ₅ (mm)	420	455	485	515	545	570	685
W (mm)	260	260	260	295	295	295	-
W1 (mm)	-	-	-	-	-	-	-
CONNECTIONS (Ø)	1 1/2"	1 1/2"	1 1/2"	2"	2"	2"	2 1/2"
FLOW (m ³ /h) (50 m ³ /h/m ²)	8	10	14	21	27	32	40
SAND (Kg)	80	100	150	250	350	450	700
NET WEIGHT (Kg)	15,400	17,500	22,800	30,000	38,600	46,300	63,200

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No	Filter Part Description	Qty
01	Filter Lid Screw Cap	8
02	Inox Nut M8	8
03	Washer Inox M8	8
04	Manometer	1
05	Air Purge	1
06	Air Purge O-ring	1
07	Filter Lid	1
08	Filter Lid Oring	1
09	Filter Inside Top Set	1
10	Filter Inside Bottom Set	1
11	Filter Connection Outer O-ring	2
12	Filter Connection Body	2
13	Filter Connection Inner O-ring	2
14	Pipe Connection	2
15	Filter Pipe Connection Nut	2
16-A	L Shaped Elbow	1
16-B	L Shaped Elbow Pipe Part	1
17	Multiport Valve	1
18	Water Drainage Set	1



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



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.

