



## GEMAS FILTREX NORM PLUS MODEL SAND FILTERS TECHNICAL DATA SHEET

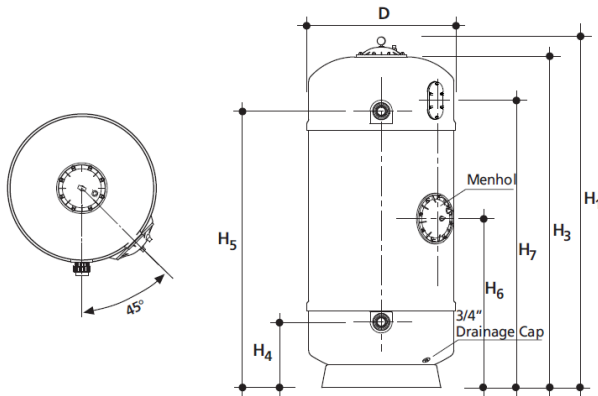


*"Pool Technology"*

### Introduction:

**GEMAS FILTREX - NORM PLUS SAND FILTERS (According to DIN 19605 and 19643).** Filter shell made of fiberglass reinforced laminated polyester, including pressure gauge, air purge. Manufactured with collector plate with nozzles. Sight glass at side. Bed depth 120 cm.

Filtration rate for single layer: 30 m<sup>3</sup>/h/m<sup>2</sup>. Test pressure 3,5 kg/cm<sup>2</sup>. Max. operation pressure 2,5 kg/cm<sup>2</sup>.



Nozzle Plate

### TECHNICAL CHARACTERISTICS

MODEL	NP 630	NP 830	NP 1000	NP 1250	NP 1400	NP 1600
D (mm)	630	830	1000	1250	1400	1600
H <sub>1</sub> (mm)	2005	2030	2135	2400	2480	2430
H <sub>2</sub> (mm)	-	-	-	-	-	-
H <sub>3</sub> (mm)	1890	1915	2005	2270	2420	2360
H <sub>4</sub> (mm)	320	375	505	315	830	885
H <sub>5</sub> (mm)	1675	1605	-	2050	1730	1665
H <sub>6</sub> (mm)	630	950	990	940	840	1035
H <sub>7</sub> (mm)	1510	1620	1690	1640	1970	1635
W (mm)	-	-	-	-	-	-
W1 (mm)	-	-	-	-	-	-
CONNECTIONS (Ø)	1 1/2"	2"	2 1/2"	3"	4"	4"
FLOW (m <sup>3</sup> /h) (40 m <sup>3</sup> /h/m <sup>2</sup> )	12	22	31	49	61	80
ANTHRACITE 0,8 - 1,6 mm (t)	200,000	300,000	475,000	675,000	770,000	1000,000
QUARTZ SAND 0,5 - 1 mm (Kg)	200,000	300,000	475,000	675,000	770,000	1000,000
QUARTZ SAND 1 - 3 mm (Kg)	150,000	225,000	425,000	525,000	630,000	825,000
NET WEIGHT (Kg)	52,650	102,000	120,000	216,400	280,000	365,000



Inspection Glass

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## Sand & Glass Media Chart:



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Model Name	Code Number	Diameter (mm)	Sand kg (total)	SINGLE LAYER (kg)		SINGLE LAYER WITH GLASS MEDIA (kg)	
				Sand (0,5-0,7 mm)	Sand (0,7-1 mm)	0,6-1 mm	1-3 mm
Filtrex Norm Plus d630	021411	630	523	393	131	327	109
Filtrex Norm Plus d830	021412	830	909	681	227	568	189
Filtrex Norm Plus d1000	021413	1000	1319	989	330	824	275
Filtrex Norm Plus d1250	021414	1250	2061	1545	515	1288	429
Filtrex Norm Plus d1400	021415	1400	2585	1939	646	1616	539
Filtrex Norm Plus d1600	021416	1600	3376	2532	844	2110	703
Filtrex Norm Plus d1800	021417	1800	4273	3205	1068	2671	890
Filtrex Norm Plus d2000	021418	2000	5275	3956	1319	3297	1099
Filtrex Norm Plus d2200	021419	2200	6383	4787	1596	3989	1330
Filtrex Norm Plus d2400	021420	2400	7596	5697	1899	4748	1583
		2500	8246	6185	2062	5154	1718
Filtrex Norm Plus d3000	021421	3000	11869	8902	2967	7418	2473

### Extra optional parts:

