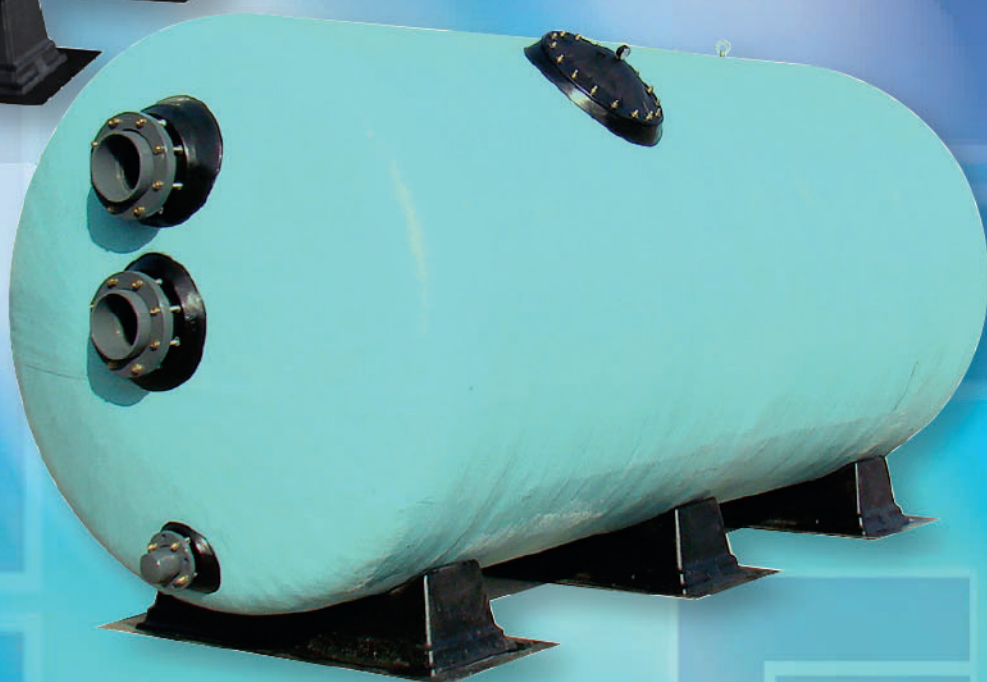


Turbidron®

Bobbin Wound Horizontal Filters for Commercial Water
Applications and Pools



Quality Management System



"TURBIDRON"

Bobbin Wound Horizontal Filters for Commercial Water Applications and Pools



GEMAS TURBIDRON horizontal filters are designed for efficient and reliable filtration in commercial and large-scale swimming pool applications. The filter body is manufactured from FRP (Fiberglass Reinforced Polyester) using bobbin winding technology, providing high mechanical strength, excellent corrosion resistance and long service life.

The horizontal configuration offers an efficient solution where installation height is limited and allows multiple filters to be arranged in single or dual-stack configurations, providing high filtration capacity while optimizing equipment-room space.

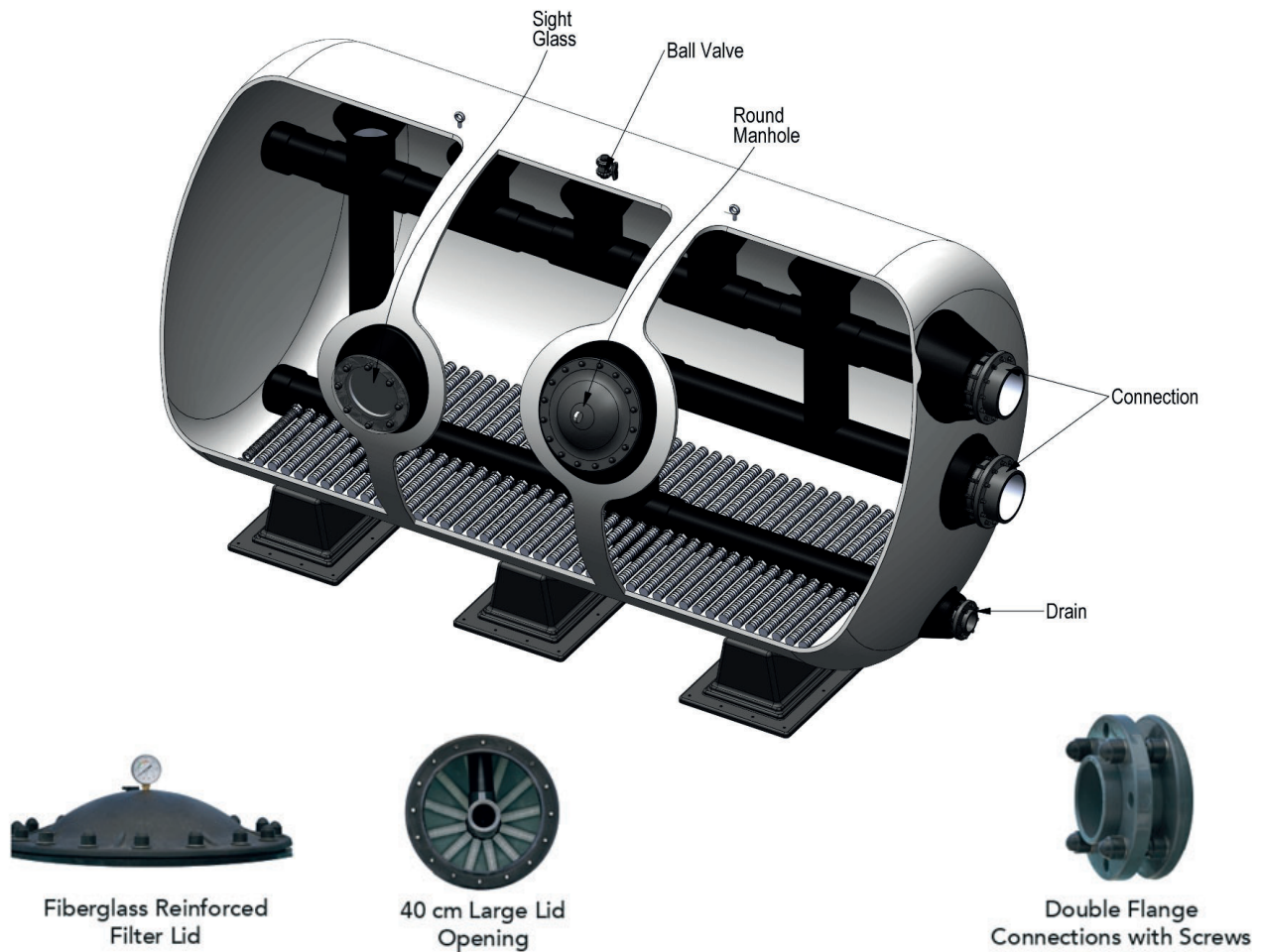
KEY FEATURES

- FRP construction with bobbin winding technology
- High mechanical strength and corrosion resistance
- Horizontal design for space-efficient installation
- Suitable for commercial and large-scale swimming pools
- Single and dual-stack configurations
- Optimized internal water distribution
- Large access openings for easy maintenance
- Robust support legs for horizontal installation
- Pressure gauge and air release system
- Available with different filtration areas and flow capacities

HORIZONTAL DESIGN

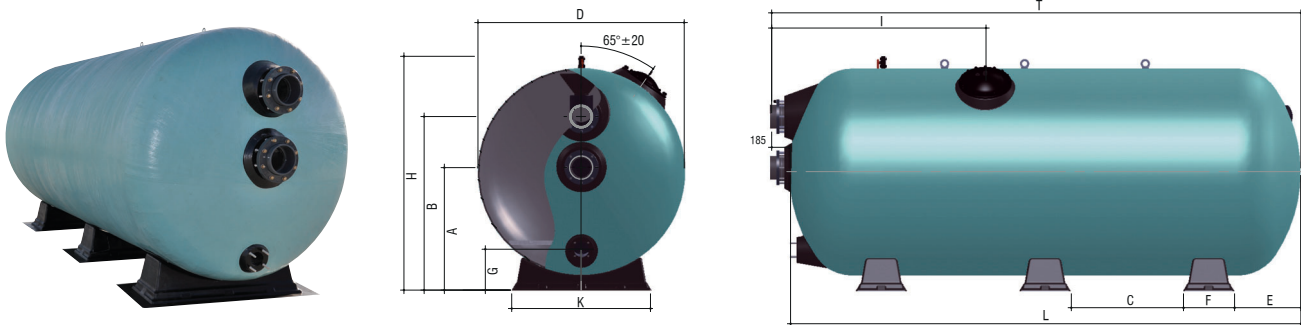
The horizontal vessel design provides a practical and space-efficient filtration solution for commercial pool installations. Filters can be installed individually or arranged in two-layer / dual-stack configurations, significantly reducing the required floor area.

The optimized internal filtration system ensures uniform water distribution through the filter bed and efficient utilization of the filtration media.



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TECHNICAL CHARACTERISTICS

MODEL	D (mm)	L±20 (mm)	A±50 (mm)	B±20 (mm)	C±50 (mm)	E±50 (mm)	F±20 (mm)	G±50 (mm)	H±50 (mm)	I±100 (mm)	K±50 (mm)	T±30 (mm)	Connec. (Ø) (mm)	Flow (m³/h) (50 m³/h/m²)	Flow (m³/h) (40 m³/h/m²)	Flow (m³/h) (30 m³/h/m²)	Sand (Kg)	Net Weight (Kg)
02197161	1000	1500	610	930	370	380	190	250	1250	750	750	1630	90	63	51	38	1260	138
02197162	1000	2500	610	930	1170	500	190	250	1250	1250	750	2650	125	106	85	63	2100	208
02197171	1200	2000	710	1030	840	380	200	250	1450	750	900	2250	125	104	83	62	2016	216
02197172	1200	2500	710	1030	1100	500	200	250	1450	1000	900	2650	140	130	104	78	2520	258
02197181	1400	2000	810	1200	820	380	210	250	1650	750	1000	2250	125	123	98	74	3136	262
02197182	1400	2500	810	1200	1080	500	210	250	1650	1000	1000	2650	140	154	123	92	3920	310
02197183	1400	3000	810	1200	685	500	210	250	1650	1000	1000	3180	160	185	148	111	4704	359
02197191	1600	2000	810	1380	600	450	240	250	1850	750	1200	2250	140	142	114	85	3584	310
02197192	1600	2500	910	1380	1020	500	240	250	1850	1000	1200	2680	160	178	142	107	4480	366
02197193	1600	3000	910	1380	640	500	240	250	1850	1000	1200	3180	160	213	171	128	5376	421
02197194	1600	4000	910	1380	1090	550	240	250	1850	1500	1200	4180	160	284	228	171	5940	561
02197195	1600	4500	910	1380	780	600	240	250	1850	1500	1200	4700	200	320	256	192	6730	631
02197201	1800	2500	910	1560	860	550	270	300	2080	1000	1400	2680	160	202	161	121	6300	472
02197202	1800	3000	1030	1560	1260	600	270	300	2080	1000	1400	3680	160	242	194	145	7560	541
02197203	1800	3500	1030	1560	795	550	270	300	2080	1000	1400	3700	200	282	226	169	8820	611
02197204	1800	4000	1030	1560	1045	550	270	300	2080	1500	1400	4200	200	322	258	194	10080	680
02197211	2000	2500	1030	1730	800	550	300	400	2300	1000	1500	2680	160	225	180	135	7000	540
02197212	2000	3000	1160	1730	1100	650	300	400	2300	1000	1500	3180	160	270	216	162	8400	617
02197213	2000	3500	1160	1730	750	550	300	400	2300	1000	1500	3700	200	315	252	189	9800	694
02197214	2000	4000	1160	1730	1000	550	300	400	2300	1500	1500	4200	200	360	288	216	11200	771
02197215	2000	4500	1160	1730	1150	650	300	400	2300	1500	1500	4730	225	406	324	243	12600	848
02197216	2000	5000	1160	1730	900	550	300	400	2300	1750	1500	5230	225	451	360	270	14000	925
02197221	2200	2500	1260	1860	800	550	300	400	2500	1000	1750	2750	200	249	199	149	7700	673
02197222	2200	3000	1260	1860	1100	650	300	400	2500	1000	1750	3200	200	299	239	179	9240	766
02197223	2200	3500	1260	1860	750	550	300	400	2500	1000	1750	3700	200	349	279	209	10780	860
02197224	2200	4000	1260	1860	1000	550	300	400	2500	1500	1750	4230	225	398	319	239	12320	953
02197225	2200	4000	1260	1860	1250	550	300	400	2500	1500	1750	4730	225	398	319	239	13860	1046
02197226	2200	4500	1260	1860	900	550	300	400	2500	1750	1750	5200	250	448	359	269	15400	1245
02197231	2400	5000	1380	2030	1000	550	350	450	2720	1000	1900	3200	200	545	436	327	12096	935
02197232	2400	5000	1380	2030	625	650	350	450	2720	1000	1900	3700	200	545	436	327	14112	1277
02197233	2400	4000	1380	2030	875	600	350	450	2720	1500	1900	4230	225	436	349	262	16128	1413
02197234	2400	5000	1380	2030	1275	700	350	450	2720	1500	1900	5250	225	545	436	327	20000	1486
02197241	2500	3000	1430	2130	875	600	350	450	2820	1500	1980	4230	225	342	273	205	16800	1486
02197242	2500	3500	1430	2130	1275	700	350	450	2820	1750	1980	5250	250	398	319	239	21000	1769