ASTRALPOOL · Sand Filters

Ivory Filament-Wound Sand Filter



AstralPool Ivory is an ivory-coloured monobloc polyester and fibreglass sand filter with a filament-wound reinforced body and a transparent lid. In Ø 600–1200 mm it delivers 15–56 m³/h at 50 m³/h/m²; maximum working conditions are 2.5 bar and 40 °C, and it is suitable for commercial pools and compliant with EN 16713-1.

- Ivory monobloc polyester + fibreglass, filament-wound body
- Transparent lid, pressure gauge and air purge
- Ø 600 – 1200 mm, 15 – 56 m³/h at 50 m³/h/m²
- Max. 2.5 bar and 40 °C; 2½" sand drain
- Suitable for commercial pools, compliant with EN 16713-1

General Specifications

Filter type	Filament-wound sand filter, monobloc
Body material	Polyester + fibreglass, filament-wound
Colour	Ivory
Lid	Transparent filter lid
Max. working pressure	2.5 bar
Max. water temperature	40 °C
Filtration rate	50 m³/h/m²
Diameter range	Ø 600 – 1200 mm
Flow rate range	15 – 56 m³/h
Drains	2½" sand drain
Multiport valve	Ø 600–900 mm: side valve · Ø 1050–1200 mm: bare
Standard	EN 16713-1

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Order Codes

Order code	Description	Certification
66240	Ø 600 mm · 15 m³/h · 1½" connection · with side-mount multiport valve	EN 16713-1
66241	Ø 750 mm · 21 m³/h · 2" connection · with side-mount multiport valve	EN 16713-1
66242	Ø 900 mm · 32 m³/h · 2" connection · with side-mount multiport valve	EN 16713-1
66829	Ø 1050 mm · 43 m³/h · 2" connection · bare, without valve	EN 16713-1
66831	Ø 1200 mm · 56 m³/h · 2½" connection · bare, without valve	EN 16713-1

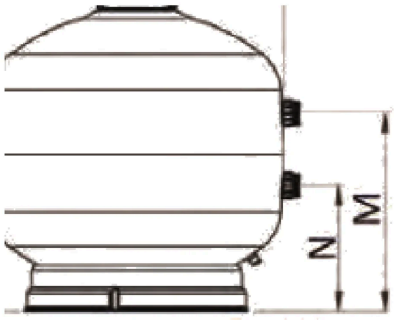
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Technical Values by Order Code

Parameter	66240	66241	66242	66829	66831
Ø Filter (mm)	600	750	900	1050	1200
Connection (mm)	50	63	63	63	75
Connection (inch)	1½"	2"	2"	2"	2½"
Filtration rate (m³/h/m²)	50	50	50	50	50
Flow rate (m³/h)	15	21	32	43	56
Max. working pressure (bar)	2.5	2.5	2.5	2.5	2.5
Sand 0.4–0.8 mm (kg)	160	290	500	550	750
Silex gravel 1–2 mm (kg)	–	–	–	250	300
D (mm)	620	780	930	1070	1220
H (mm)	830	915	1060	1250	1340
M (mm)	325	325	400	470	545
N (mm)	125	230	270	270	270

Dimension Drawing



Selection Guide

$Q = A \times v$

Q: filter flow rate (m³/h) · A: filtration surface area (m²) · v: filtration rate (50 m³/h/m²)

$V_{pool} = Q \times t$

t: turnover time (h). Example: Ø 750 mm → 0.44 m² × 50 ≈ 22 m³/h; with an 8-hour turnover ≈ 176 m³ of pool volume.

Pump flow should not exceed the filter flow rate; when glass media is used instead of sand, refer to the glass media quantities in the table.

Application Areas

- Commercial pools
- Hotel, residential complex and facility pools
- Residential and villa pools

Technical values are based on the manufacturer's (AstralPool) 2026 catalog data; the manufacturer reserves the right to make technical changes without prior notice. Please request a quote from Artemis Pool Systems for project-specific selection, pricing and lead time.

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