ASTRALPOOL · Sand Filters

Aster Sand Filter



AstralPool Aster is a sand filter with a polypropylene base, a laminated isophthalic resin and fibreglass body, grey colour and a lockable lid. In Ø 350–900 mm it delivers 5–30 m³/h at 50 m³/h/m²; it is supplied with a side-mount multiport valve, works at 2.5 bar and complies with EN 16713-1.

- Laminated isophthalic resin + fibreglass body on a polypropylene base
- Lockable lid, pressure gauge and side-mount multiport valve
- Ø 350 – 900 mm, 5 – 30 m³/h at 50 m³/h/m²
- 2.5 bar maximum working pressure
- Sand and glass media compatible, compliant with EN 16713-1

General Specifications

Filter type	Laminated sand filter, side-mount
Body material	Polypropylene base, isophthalic resin + fibreglass
Colour	Grey
Lid	Lockable lid
Max. working pressure	2.5 bar
Filtration rate	50 m³/h/m²
Diameter range	Ø 350 – 900 mm
Flow rate range	5 – 30 m³/h
Multiport valve	Side-mount multiport valve (00501: bare)
Filter media	Sand and glass media compatible
Standard	EN 16713-1

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Order Codes

Order code	Description	Certification
00497	Ø 350 mm · 5 m³/h · 1½" connection · with side-mount multiport valve	EN 16713-1
00498	Ø 450 mm · 8 m³/h · 1½" connection · with side-mount multiport valve	EN 16713-1
00499	Ø 600 mm · 14 m³/h · 1½" connection · with side-mount multiport valve	EN 16713-1
00500	Ø 750 mm · 21 m³/h · 2" connection · with side-mount multiport valve	EN 16713-1
08133	Ø 900 mm · 30 m³/h · 2" connection · with side-mount multiport valve	EN 16713-1
00501	Ø 900 mm · 30 m³/h · 2½" connection · bare, without valve	EN 16713-1

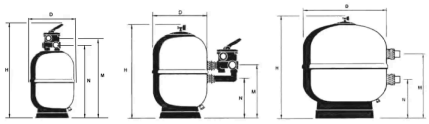
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Technical Values by Order Code

Parameter	00497	00498	00499	00500	08133	00501
Ø Filter (mm)	350	450	600	750	900	900
H (mm)	780	795	850	945	1050	1050
M (mm)	420	430	455	555	635	660
N (mm)	295	305	330	325	365	390
Connection	1½"	1½"	1½"	2"	2"	2½"
Flow rate at 50 m³/h/m² (m³/h)	5	8	14	21	30	30
Pool volume, 8 h turnover (m³)	40	64	112	168	240	240
Sand quantity (kg)	50	70	125	290	500	500
Glass media 57011 (kg)	50	50	100	175	325	325
Glass media 57013 (kg)	0	0	0	50	75	75
Max. working pressure (bar)	2.5	2.5	2.5	2.5	2.5	2.5
Net weight (kg)	18	21	28	37	55	53
Package volume (m³)	0.13	0.23	0.39	0.62	1.26	1.27

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

- Residential and villa pools
- Residential complex and small hotel pools
- Filtration systems using sand or glass media

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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