ASTRALPOOL · Sand Filters

Cantabric Sand Filter



AstralPool Cantabric is an injection-moulded pool sand filter made of special plastic, with a thermally welded body backed by a 10-year warranty. In Ø 400–900 mm it delivers 6–30 m³/h at a filtration rate of 50 m³/h/m², works at 2.5 bar, accepts sand or glass media and complies with EN 16713-1.

- Injection-moulded special plastic body, thermally welded with 10-year warranty
- Pressure gauge with manual water and air purges
- Multiport valve included on Ø 400–750 mm models
- 6 – 30 m³/h at 50 m³/h/m², 2.5 bar working pressure
- Sand and glass media compatible, compliant with EN 16713-1

General Specifications

Filter type	Injection-moulded plastic sand filter, thermally welded body
Max. working pressure	2.5 bar
Filtration rate	Max. 50 m³/h/m²
Diameter range	Ø 400 – 900 mm
Flow rate range	6 – 30 m³/h
Multiport valve	Ø 400–750 mm: included · Ø 900 mm: bare
Included	Pressure gauge, manual water and air purges
Filter media	Sand and glass media compatible
Standard	EN 16713-1

Order Codes

Order code	Description	Certification
22398	Ø 400 mm · 6 m³/h · 1½" connection · multiport valve included	EN 16713-1
15782	Ø 500 mm · 9 m³/h · 1½" connection · multiport valve included	EN 16713-1
15783	Ø 600 mm · 14 m³/h · 1½" connection · multiport valve included	EN 16713-1
15784	Ø 750 mm · 21 m³/h · 2" connection · multiport valve included	EN 16713-1
22402	Ø 900 mm · 30 m³/h · 2½" connection · bare, without valve	EN 16713-1

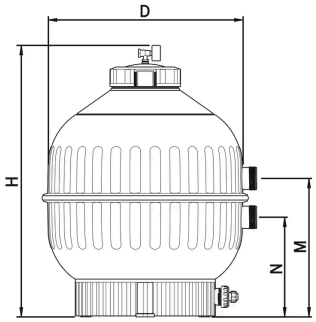
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Technical Values by Order Code

Parameter	22398	15782	15783	15784	22402
Ø Filter (mm)	400	500	600	750	900
H (mm)	715	800	875	1045	1215
M (mm)	380	415	445	575	675
N (mm)	255	290	320	345	405
Connection	1½"	1½"	1½"	2"	2½"
Flow rate at 50 m³/h/m² (m³/h)	6	9	14	21	30
Pool volume, 8 h turnover (m³)	48	72	112	168	240
Sand quantity (kg)	60	100	150	300	550
Glass media 57011 (kg)	50	88	100	200	375
Glass media 57013 (kg)	0	0	25	50	100
Net weight (kg)	7	12	14	24	34
Package volume (m³)	0.15	0.29	0.4	0.67	1.3

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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