ASTRALPOOL · Sand Filters

Vesubio (Volcano) Sand Filter



AstralPool Vesubio (Volcano) is a side-mount pool sand filter with a laminated isophthalic resin and fibreglass body. Available in Ø 450–1200 mm, it delivers 8–56 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.

- Laminated body produced by simultaneous projection of isophthalic resin and fibreglass
- Ø 210 mm threaded lid with high-resistance screws; Ø 400 mm top lid option on Ø 1050–1200 mm models
- 8 – 56 m³/h flow range at a filtration rate of 50 m³/h/m²
- Sand and glass media compatible, compliant with EN 16713-1
- Maximum working pressure 2.5 bar
- Ø 450–900 mm models with side-mount multiport valve, Ø 1050–1200 mm models bare

General Specifications

Filter type	Laminated sand filter, side-mount
Body material	Isophthalic resin + fibreglass
Lid	Ø 210 mm threaded, high-resistance screws
Max. working pressure	2.5 bar
Filtration rate	50 m³/h/m²
Diameter range	Ø 450 – 1200 mm
Flow rate range	8 – 56 m³/h
Filter media	Sand and glass media compatible
Multiport valve	Ø 450–900 mm: side-mount valve · Ø 1050–1200 mm: bare
Standard	EN 16713-1

Order Codes

Order code	Description	Certification
15785	Ø 450 mm · 8 m³/h · with side-mount multiport valve	EN 16713-1
15786	Ø 600 mm · 14 m³/h · with side-mount multiport valve	EN 16713-1
15787	Ø 750 mm · 22 m³/h · with side-mount multiport valve	EN 16713-1
16574	Ø 900 mm · 32 m³/h · with side-mount multiport valve	EN 16713-1
15789	Ø 1050 mm · 43 m³/h · bare, without valve	EN 16713-1
15790	Ø 1200 mm · 56 m³/h · bare, without valve	EN 16713-1

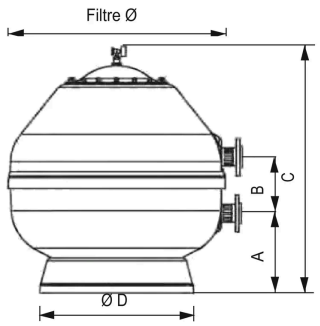
Artemis Havuzculuk ve İnşaat Sanayi Ticaret Limited Şirketi
Barbaros Mah. Barbaros Cad. No:144/2, Ataşehir İstanbul – TÜRKİYE
T: +90 505 732 57 56 · E: info@artemispool.com · artemispool.com

Product page

Technical Values by Order Code

Parameter	15785	15786	15787	16574	15789	15790
Ø Filter (mm)	450	600	750	900	1050	1200
A (mm)	265	325	300	325	435	490
B (mm)	125	125	230	270	270	270
C (mm)	725	865	895	1080	1110	1235
Ø D (mm)	347	400	490	625	760	855
Filtration surface area (m²)	0.16	0.30	0.44	0.64	0.86	1.13
Connection	1½"	1½"	2"	2"	2½"	90 mm
Flow rate at 50 m³/h/m² (m³/h)	8	14	22	32	43	56
Pool volume, 8 h turnover (m³)	64	112	176	256	344	448
Sand quantity (kg)	60	148	245	415	660	1000
Glass media 57011 (kg)	50	125	150	275	500	775
Glass media 57013 (kg)	0	0	50	50	125	200
Weight (kg)	16	23	32	48	97	130

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
- Hotel, residential complex and facility pools
- High-flow commercial pools (Ø 1050–1200 mm)
- 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.

Artemis Havuzculuk ve İnşaat Sanayi Ticaret Limited Şirketi
Barbaros Mah. Barbaros Cad. No:144/2, Ataşehir İstanbul – TÜRKİYE
T: +90 505 732 57 56 · E: info@artemispool.com · artemispool.com

Product page