

COMMERCIAL SAND FILTRATION • THERMOPLASTIC

AQUASHIELD Series

A high-performance thermoplastic sand-filtration system delivering reliable water clarity for commercial and residential installations. Its high-strength, chemical-resistant body supports high flow rates with minimal maintenance, suiting hotels, leisure facilities, residential developments and aquatic centres.

600-900 MM

UP TO 500 L/MIN

SILICA SAND

AQS 600-900



WHY SPECIFY IT

Crystal-clear water, **minimal upkeep.**

A durable sand-filtration range engineered for consistent water quality in demanding environments, combining robust thermoplastic construction with efficient, high-flow filtration.



High-strength thermoplastic body

A chemical-resistant thermoplastic body built for harsh environments and long-term outdoor installation, with a built-in anchoring base.



High flow, low maintenance

High flow rates with efficient filtration and minimal maintenance, delivering consistent, crystal-clear water throughout the filter's service life.



Multiport operation

A top- or side-mount multiport valve switches easily between filtration, backwash, rinse, recirculate, waste and closed modes.

3sizes

600 • 750 • 900 MM

500L/min

PEAK FLOW

6modes

MULTIPORT VALVE

240kL

MAX SYSTEM

Silica

sand media

Chemical-resistant thermoplastic body

The filter body is manufactured from high-strength, chemical-resistant thermoplastics built to withstand harsh environments and long-term outdoor installation. Internal collector and diffuser assemblies use corrosion-resistant plastics for uniform distribution and dependable filtration performance.



SPECIFICATIONS

Technical detail.

Model / code	AQS-600-900	Vessel sizes	600 · 750 · 900 mm
Datasheet ref	SWC-AQS-25-R0	Flow · 600	up to 240 L/min
Type	Sand media filter	Flow · 750	up to 350 L/min
Body	Chemical-resistant thermoplastic	Flow · 900	up to 500 L/min
Filtration media	Silica sand	System range	~30,000-240,000 L
Valve position	Top- or side-mount	Air purge	Manual bleeder valve
Valve size	1½" · 2" · 2½" multiport	Monitoring	Integrated pressure gauge

AQUASHIELD 600 600 mm	AQUASHIELD 750 750 mm	AQUASHIELD 900 900 mm
		
Up to 240 L/min for smaller residential and commercial systems.	Up to 350 L/min for mid-size leisure and development systems.	Up to 500 L/min for the largest aquatic and commercial systems.

HOW IT WORKS

Multiport filtration cycle.

01 Filtration	02 Backwash	03 Rinse	04 Recirculate	05 Waste / closed
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SCOPE OF SUPPLY

What we provide.

- ✓ AQUASHIELD filter vessel · 600, 750 or 900 mm (specify size)
- ✓ Thermoplastic body with integrated collector & diffuser
- ✓ Top- or side-mount multiport valve (1½"-2½")
- ✓ Integrated pressure gauge & manual air bleeder valve
- ✓ Built-in anchoring base; transparent lid (side-mount)
- ✓ Silica sand media (specify on order)
- ✓ Optional Comprehensive Maintenance plan

Where it fits best

Hotels, leisure facilities, residential developments and aquatic centres needing high-flow, crystal-clear filtration with minimal maintenance across systems of roughly 30,000 to 240,000 litres.

[COMMERCIAL · BY QUOTE](#)[REQUEST A QUOTE](#)**Specify the AQUASHIELD Series for your site.**

British-engineered, European-manufactured. UK · Middle East · Europe.

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