

FILTRATION SYSTEM

Fiberglass Commercial Sand Filter



FEATURES:

- Commercial filter is manufactured with special resins as anti corrosive coating to work against any chemicals. Also suitable for salted pools
- Fiberglass Bobbin wound tank, UV and corrosion resistant.
- Manual Air Release valve and air tube enables easy release of trapped air during operations and testing.
- Sight glass 3inch and manhole 300 x 400mm are available as options.
- Lateral configuration for maximum hydraulic performance.
- Nozzle plate system ensures uniform flow for both filtering and backwashing, ensuring maximum performance through the media bed. Save up to 25% of backwash water.
- Lateral and nozzle plate are available in option.
- Bed depth: 1 meter.
- Maximum working pressure: 2.5 bar (4.0 bar available on request).
- Factory testing pressure: 4.0 bar (6.0 bar available on request).
- Size of sand: 0.5 mm - 1.0 mm.
Size of gravel: 3 mm - 6 mm.

TECHNICAL SPECIFICATION

Ref. Code	Diameter (mm)	Height (mm)	Design Flow (m ³ /hr)	Surface Area (m ²)	Connection (mm)	Sand (kg)	Gravel (kg)
AS1400C	1400	1600	61	1.54	110	1760	500
AS1600C	1600	1750	80	2.01	110	2450	750
AS1800C	1800	1950	101	2.54	160	3150	750
AS2000C	2000	2140	125	3.14	160	3800	1150
AS2300C	2300	2350	166	4.15	200	5030	1600
AS2500C	2500	2450	196	4.90	200	5950	2200
AS3000C	3000	2650	282	7.07	200	8600	3300

Flow mentioned are at 40m³/m²/hr velocity as per SPATA standards for Commercial application.