

Pool Filters



Cartridge Filter ◀
Wall Mount Filter ◀
Sand Filters ◀

Cartridge Filter

GADS cartridge Filter is constructed from high impact fiberglass reinforced polypropylene and designed for easy maintenance. One piece compact injection molded filter tank with easy lock ring system allows for ease of maintenance and years of trouble free operation. The GADS Cartridge filter comes complete with quick connect unions.

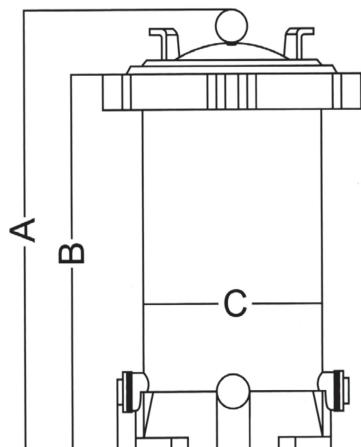
Cartridge Filter Features

- One piece compact injection molded filter tank with easy lock ring system.
- Quick union design for easy installation.
- NSF Certified raw material.
- Chemical & Climate resistant.
- Fiberglass reinforced polypropylene tank for exceptional strength and long life.
- Different Micron Rating are available for the filter cartridges (On request).
- Cartridge media is easy to clean and can be reused.



Filter Cartridge Specifications

Code	CF-301701	CF-301702	CF-301703	CF-301704
Cartridge part Number	DL70251	DL70508	DL71002	DL71008
Removal Ratings(Micron)	10	10	10	10
Cartridge diameter (Inches/mm)	7/178	7/178	7/178	7/178
Cartridge Length (Inches/mm)	9.0/250	19.6/498	29.4/748	29.4/748
Filtration Area (sq.ft.)	25	50	75	100
Filtration Area (sq.m.)	2.3	4.7	7.0	9.3
Working Pressure	50PSI	50PSI	50PSI	50PSI
Design Flow Rate	95LPM	190LPM	284LPS	378LPM



Cartridge Filter Dimensions				
Code No.	CF-301701	CF-301702	CF-301703	CF-301704
Dimension (A)	465	715	965	965
Dimension (B)	373	623	873	873
Dimension (C)	235	235	235	235

Easy-to-clean reusable Cartridge Elements

GADS Cartridges have extra dirt-holding capacity and are engineered for durable, high-quality materials for longer service life with minimal care. Simply remove the cartridge element and flush the cartridge element with hose water or clean the cartridge with GADS Cyclone Filter Cleaner.



Wall Mount Filter

Wall Mount Filter

The Housing is made of high quality acryl, the unit is easy to install and contains all the equipment for filtration, circulation, disinfection, drainage and lighting in one compact unit. It is also equipped with a multifunctional jet which not only makes the pool water circulate, but also has functions for swimming training, massage and fun in the water.

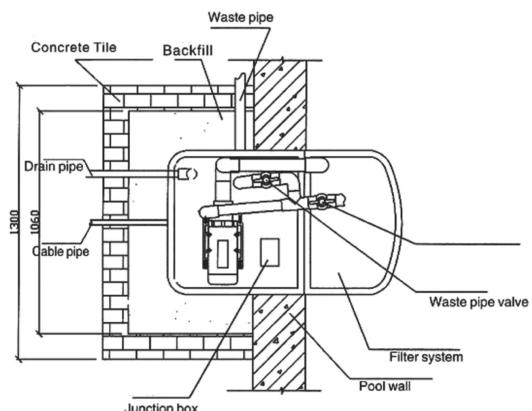
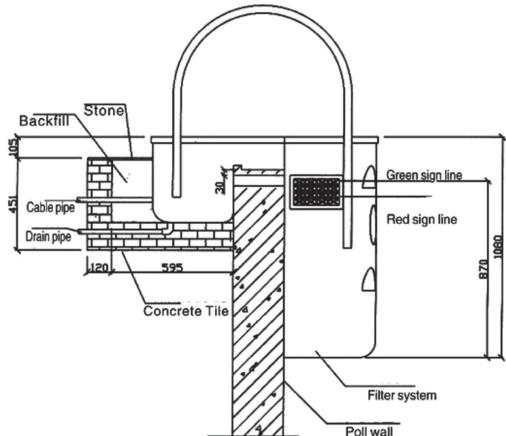
Installation:

- Clear away any debris from the installation area, and make a datum mark before installation.
- Place the unit in a proper position according to the installation detail drawing. Adjust the unit with a level to make sure the tolerance is less than 2mm. Use the filler pieces to pack the unit level. fix the packing pieces, than fill in the vacant area with grout.
- Connect drainpipe and cable pipe as shown in the installation detail drawing. The control box must be damp proofed. Electrical, installation and testing must be done by a licensed or certified electrician.
- Fill in the joint between the unit and pool wall with grout when installing, and seal it with sealant.
- After installation, fill with sand around the unit bore. Spread stones on the side of pool to match the pool structure, record the installation notes.
- Less heavier plastic housing is easy for installation and more economic for industrial applications.
- Cartridge media is easy to clean and can be reused.



Technical Specifications

Code No.	Power	Flow Rate	Voltage	Operating Noise	Filter media	Disinfection	Ozone	Efficiency	Dimension (mm)
GD-80	2HP	25m ³ /h	20V/50Hz	≤ 40dB	Filter Bag	Sterilizer	500 mg	≤5μ	1120 x 684 x 1180
GD-81	3HP	35m ³ /h	20V/50Hz	≤ 50dB	Filter Bag	Sterilizer	500 mg	≤5μ	1120 x 684 x 1180



Bobbin Wound Sand Filter

GD Series Bobbin Wound Sand Filter - Top Mount

Technical Specification

Maximum Working Pressure	250kpa / 36 psi / 2.5bar or 400Kpa / 58psi/ 4.0 bar.
Factory Testing Pressure	400kpa / 58 psi / 4.0bar or 600Kpa / 86psi/ 6.0 bar.
Size of Silica Sand	0.4 - 0.8 mm
Maximum Filtration Velocity	50m³/hr/m²
Maximum Water Temperature	49°C
MOC	Filament wound with Isolthalic resin UV protection. FRP Liner
Filter Colours	Orange
Base Colour	Black
Warranty	5 years for shell

Featured Highlights

- Maximum working pressure 2.5 / 4 Bar
- Non Corrosive material
- Maximum operating temperature 50°C
- UV resistance surface
- Design for 4X safety factor
- With 5 year filter shell warranty
- Sizes available from 18" to 55" Diameter

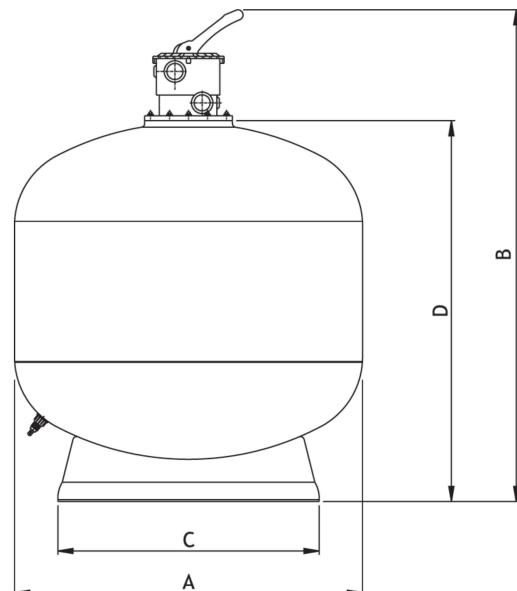
GD Series Bobbin Wound Sand Filter - Top Mount

Code No.	Diameter (mm)	Filtration Area (m²)	Design Flow (m³/hr)	Pipe Size (inch)	Working Pressure (bar)	Sand (Kg)
GD-301801	Ø 450	0.16	7.9	Ø 1.5	2.0/4.0	80
GD-301802	Ø 550	0.23	11.8	Ø 1.5	2.0/4.0	150
GD-301803	Ø 650	0.33	16.5	Ø 1.5	2.0/4.0	220
GD-301805	Ø 760	0.45	22.6	Ø 2.0	2.0/4.0	270
GD-301806	Ø 860	0.56	29	Ø 2.0	2.0/4.0	400
GD-301807	Ø 960	0.70	36.1	Ø 2.0	2.0/4.0	470
GD-301808	Ø 1100	0.95	47.4	Ø 2.0	2.0/4.0	900
GD-301809	Ø 1200	1.13	56.5	Ø 2.0	2.0/4.0	1300



Dimensions

Code No.	A (mm)	B (mm)	C (mm)	D (mm)
GD-301801	450	780	330	530
GD-301802	550	840	400	600
GD-301803	650	1040	440	680
GD-301805	760	1090	560	800
GD-301806	860	1210	650	920
GD-301807	960	1280	700	990
GD-301808	1100	1500	800	1210
GD-301809	1200	1500	800	1210



Bobbin Wound Sand Filter

GD Series Bobbin Wound Sand Filter - Side Mount

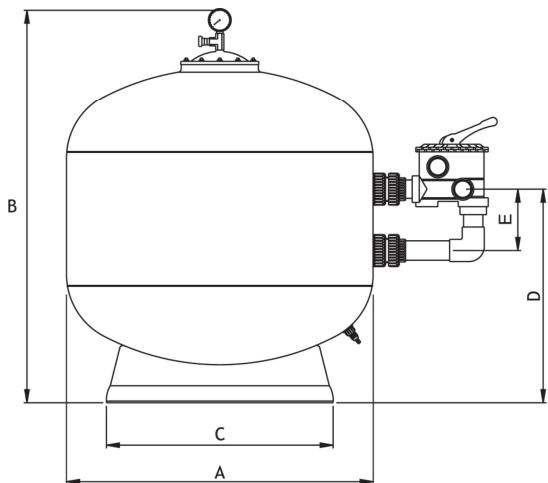
Technical Specification		Featured Highlights
Maximum Working Pressure	250kpa / 36 psi / 2.5bar or 400Kpa / 58psi/ 4.0 bar.	
Factory Testing Pressure	400kpa / 58 psi / 4.0bar or 600Kpa / 86psi/ 6.0 bar.	
Size of Silica Sand	0.4 - 0.8 mm	
Maximum Filtration Velocity	50m ³ /hr/m ²	
Maximum Water Temperature	49°C	
MOC	Filament wound with Isolthalic resin UV protection. FRP Liner	<ul style="list-style-type: none"> Maximum working pressure 2.5 / 4 Bar Non Corrosive material Maximum operating temperature 50°C UV resistance surface Design for 4X safety factor With 5 year filter shell warranty Sizes available from 18" to 55" Diameter
Filter Colours	Orange	
Base Colour	Black	
Warranty	5 years for shell	

GD Series Bobbin Wound Sand Filter - Side Mount						
Code No.	Diameter (mm)	Filtration Area (m ²)	Design Flow (m ³ /hr)	Pipe Size (inch)	Working Pressure (bar)	Sand (Kg)
GD-301901	Ø 450	0.16	7.9	Ø 1.5	2.0/4.0	80
GD-301902	Ø 550	0.23	11.8	Ø 1.5	2.0/4.0	150
GD-301903	Ø 650	0.33	16.5	Ø 1.5	2.0/4.0	220
GD-301905	Ø 760	0.45	22.6	Ø 2.0	2.0/4.0	270
GD-301906	Ø 860	0.56	29	Ø 2.0	2.0/4.0	400
GD-301907	Ø 960	0.70	36.1	Ø 2.0	2.0/4.0	470
GD-301908	Ø 1100	0.95	47.4	Ø 2.0	2.0/4.0	900
GD-301909	Ø 1200	1.13	56.5	Ø 2.0	2.0/4.0	1300

960/1100/1200 Dia. side mount filter with 2.5 inches multiport valve also available



Dimensions					
Code No.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
GD-301901	450	705	330	360	120
GD-301902	550	770	400	410	140
GD-301903	650	850	440	450	140
GD-301905	760	970	560	540	180
GD-301906	860	1090	700	590	180
GD-301907	960	1160	700	640	190
GD-301908	1100	1380	800	830	240
GD-301909	1200	1480	870	900	240



Commercial Sand Filters

GD Series Series Commercial Hi-Rate Sand Filter

Features		Technical Specification	
Superior engineering and a company-wide commitment to customer satisfaction have produced a series of vertical filters that are built to be tougher, longer lasting and better performing than any other competing vertical commercial hi-rate sand filter. Constructed of polyester resin and non-corrosive fiberglass filament winding, all internal components and connections are injection molded PVC. UV-resistance surface allows working under sunshine.		Maximum Working Pressure Factory Testing Pressure Size of Silica Sand Size pf gravel Maximum Filtration Velocity Maximum Water Temperature MOC Filter Colours Base Colour Warranty	250kpa / 36 psi / 2.5bar or 400Kpa / 58psi/ 4.0 bar. 400kpa / 58 psi / 4.0bar or 600Kpa / 86psi/ 6.0 bar. 0.4 - 0.8 mm 1.0 - 2.0 mm 50m³/hr/m² 49°C Filament wound with Isothalic resin UV protection. FRP Liner Orange Black 5 years for shell

GD Series Series Commercial Hi-Rate Sand Filter						
Code No.	Diameter (mm)	Filtration Area (m²)	Design Flow (m³/hr)	Pipe Size (mm)	Sand (Kg)	Graval (Kg)
GD-301921	Ø 1200	1.13	33/45	Ø 80	1100	300
GD-301922	Ø 1400	1.53	46/61	Ø 100	1400	450
GD-301923	Ø 1600	2.0	60/80	Ø 100	2400	800
GD-301924	Ø 1800	2.54	76/110	Ø 150	3000	1000
GD-301925	Ø 2000	3.14	94/125	Ø 150	4500	1500



Dimensions					
Code No.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
GD-301921	1200	1460	900	900	350
GD-301922	1400	1700	1020	1050	350
GD-301923	1600	1950	1270	1230	425
GD-301924	1800	2150	1430	1350	500
GD-301925	2000	2400	1600	1530	500

