

## DAVEY CRYSTAL CLEAR FIBRE GLASS SAND FILTERS



Code	Description	Sand re- quired (kg/ bags)	Zelbrite required (kg/ bags)	Filtration Area (sq metres)	10 years Tank Guarantee
FG18	Fibre glass sand filters	45/3	34/3	0.16	
FG21	Fibre glass sand filters	85/5	64/5	0.22	
FG25	Fibre glass sand filters	145/8	109/8	0.32	
FG28	Fibre glass sand filters	215/11	161/11	0.41	
FG32	Fibre glass sand filters	250/13	180/12	0.50	
FG36	Fibre glass sand filters	250/18	263/18	0.64	

# Crystal Clear® FIBRE GLASS SAND FILTERS



*The Crystal Clear® FG range has been specifically designed for the filtration of water in swimming pools and spas.*

## FEATURES & BENEFITS

Constructed from strong corrosion and U.V. resistant polyester reinforced fibre glass, providing long and reliable working life.

6-way multiport valve for easy backwash and filter control at the flick of a handle.

Computer designed providing optimal tank strength and filtration performance.

Built-in waste port sight glass for high visibility during backwashing.

Large diameter tank for maximum filtration area.

More media capacity providing less frequent backwashing to save water.

Specially designed laterals and hub assembly to optimise water flow for superior backwashing.

Stainless steel oil filled pressure gauge makes it easy to see when backwashing is required.

Automatic air bleed prevents the build up of air in the tank ensuring effective filtration.

A.B.S. barrel unions supplied makes installation simple.

High rate design for maximum efficiency, suitable for sand, Zelbrite and silica media.

DEPEND ON  
**DAVEY**

WATER PRODUCTS

**10yr TANK GUARANTEE**

# Crystal Clear® FIBRE GLASS SAND FILTERS



**6-way multi port valve with sight glass & pressure gauge** for optimum filter control

**Robust barrel unions** for easy installation & maintenance

**Cylindrical shape** provides the most efficient filtration operation

**Long life**  
one piece UV stabilised, filament wound fibre glass & polyethylene tank (PE inner tank, 18"-25" only)

**Large sand area**  
means better filtration with high efficiency

**Large surface area lateral under drain**  
for high flow & efficient backwashing

## OPERATING PERFORMANCE & MEDIA REQUIRED

Model	Sand Required (kg/bags)	Zelbrite Required (kg/bags)	Max Flow Rate (lpm)	Min Backwash Flow Rate (lpm)	6 Hour Turnover (litres)	Filtration Area (sq metres)
Crystal Clear FG18	45/3	34/3	135	90	46,800	0.16
Crystal Clear FG21	85/5	64/5	185	123	66,600	0.22
Crystal Clear FG25	145/8	109/8	260	173	93,600	0.32
Crystal Clear FG28	215/11	161/11	336	224	120,960	0.41
Crystal Clear FG32	250/13	180/12	415	277	149,400	0.50
Crystal Clear FG36	350/18	263/18	520	224	187,200	0.64

## OPERATING LIMITS

Maximum Water Temperature (degrees C)	40
Maximum Operating Pressure (kPa)	280

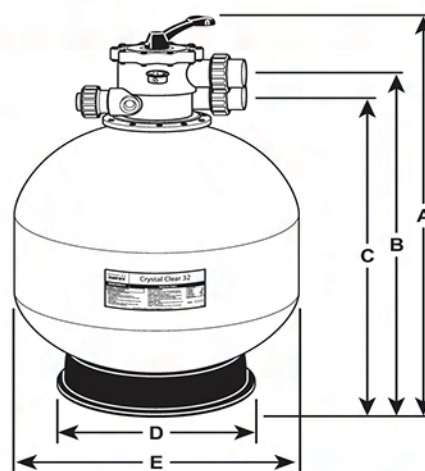
## MODEL NUMBER IDENTIFICATION

<b>FG</b>	<b>28</b>
FG = Fibre Glass	28 = 28 inch tank diameter

MODEL	A	B	C	D	E	Inlet P.V.C.	Outlet P.V.C.
Crystal Clear FG18	814	619	550	390	455	40	40
Crystal Clear FG21	845	730	670	500	535	40	40
Crystal Clear FG25	950	835	775	500	635	40	40
Crystal Clear FG28	1092	960	877	500	723	50	50
Crystal Clear FG32	1200	1085	1002	753	800	50	50
Crystal Clear FG36	1300	1172	1090	753	900	50	50

All dimensions in mm unless otherwise stated.

## DIMENSIONS



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WATER PRODUCTS

All details in this leaflet are accurate at time of printing. This literature is not a complete guide to product usage. Further information is available from your Davey dealer, Davey Customer Service Centre and from the relevant product Installation & Operating Instructions. This datasheet must be read in conjunction with the relevant product Installation & Operating Instructions and all applicable statutory requirements. Product specifications may change without notice. © Davey and Crystal Clear are registered trademarks of Davey Water Products Pty Ltd. © Davey Water Products Pty Ltd 2009.

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ABN 18 066 327 517



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