

# Crystal Clear<sup>®</sup> FIBRE GLASS SAND FILTERS



*The Crystal Clear<sup>®</sup> 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)	Zelbrite Required (kg)	Max Flow Rate (lpm)	Min Backwash Flow Rate (lpm)	6 Hour Turnover (litres)	Filtration Area (sq metres)
Crystal Clear FG18	60	45	130	70	46,800	0.11
Crystal Clear FG21	90	60	180	127	57,600	0.20
Crystal Clear FG25	160	120	244	191	87,840	0.30
Crystal Clear FG28	200	135	309	241	111,240	0.38
Crystal Clear FG32	250	180	390	254	140,400	0.40
Crystal Clear FG36	300	225	530	413	190,800	0.65

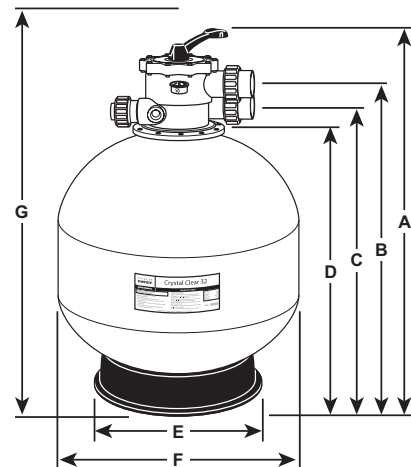
## OPERATING LIMITS

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

## DIMENSIONS



MODEL	A	B	C	D	E	F	G	Inlet P.V.C.	Outlet P.V.C.
Crystal Clear FG18	800	670	610	560	420	460	900	40	40
Crystal Clear FG21	850	720	660	610	500	530	950	40	40
Crystal Clear FG25	910	780	720	670	500	635	1010	40	40
Crystal Clear FG28	1040	900	820	750	500	711	1140	50	50
Crystal Clear FG32	1160	1020	940	870	800	815	1260	50	50
Crystal Clear FG36	1250	1110	1030	960	800	915	1350	50	50

All dimensions in mm unless otherwise stated.

DEPEND ON  
**DAVEY**

WATER PRODUCTS



Visit Davey on-line for further information  
[davey.com.au](http://davey.com.au)

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 2007.

### Davey Water Products Pty Ltd

Member of the GUD Group  
ABN 18 066 327 517  
**Head Office and Manufacturing**  
6 Lakeview Drive, Scoresby, Australia 3179  
Ph: +61 3 9730 9222  
Fax: +61 3 9753 4100  
Website: [davey.com.au](http://davey.com.au)  
**Customer Service Centre**  
Ph: 1330 2 DAVEY (1300 232 839)  
Fax: 1300 304 850  
E-mail: [sales@davey.com.au](mailto:sales@davey.com.au)  
**Interstate Offices**  
Sydney • Brisbane • Adelaide • Perth • Townsville

### International

6 Lakeview Drive,  
Scoresby, Australia 3179  
Ph: +61 3 9730 9121  
E-mail: [export@davey.com.au](mailto:export@davey.com.au)

### New Zealand

7 Rockridge Avenue,  
Penrose, Auckland 1330  
Ph: +64 9 570 9135  
Website: [daveynz.co.nz](http://daveynz.co.nz)  
E-mail: [sales@daveynz.co.nz](mailto:sales@daveynz.co.nz)

### Germany

Kantstrasse 53,  
04275 Leipzig  
Ph: +49 341 301 0412  
E-mail: [akrenz@daveyeurope.com](mailto:akrenz@daveyeurope.com)

### USA - Davey Pumps Inc.

1005 N. Commons Drive,  
Aurora, Illinois 60504  
Ph: +1 630 898 6976  
Website: [daveyusa.com](http://daveyusa.com)  
E-mail: [sales@daveyusa.com](mailto:sales@daveyusa.com)