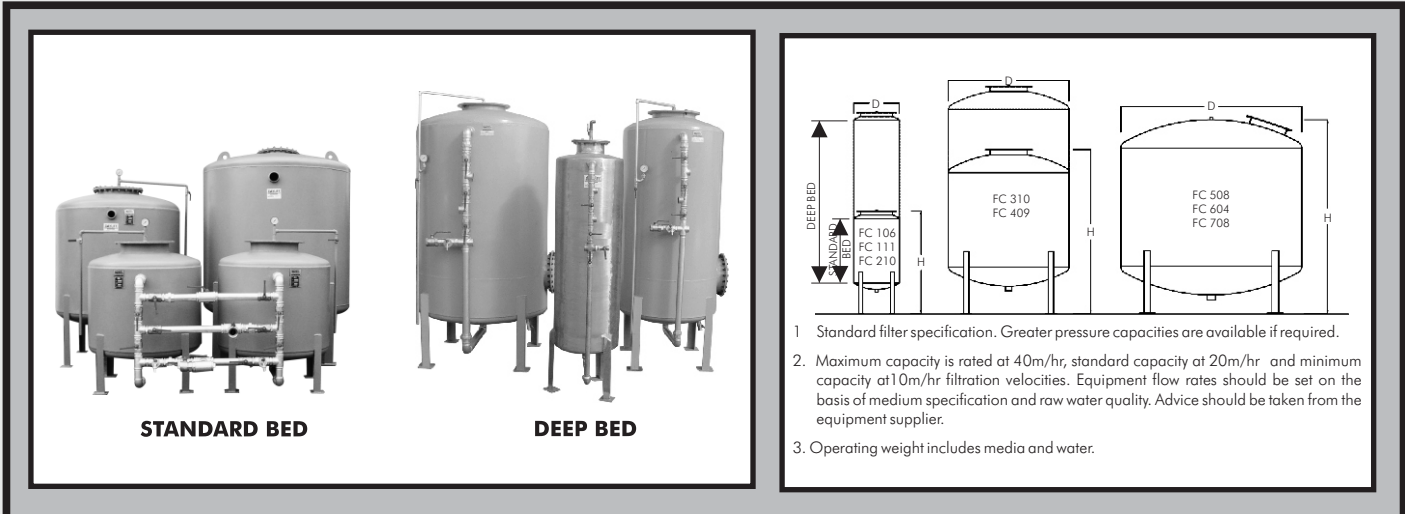




**FC**

**Pressure Filters**



1. Standard filter specification. Greater pressure capacities are available if required.
2. Maximum capacity is rated at 40m<sup>3</sup>/hr, standard capacity at 20m<sup>3</sup>/hr and minimum capacity at 10m<sup>3</sup>/hr filtration velocities. Equipment flow rates should be set on the basis of medium specification and raw water quality. Advice should be taken from the equipment supplier.
3. Operating weight includes media and water.

The DAYLIFF 'FC' range of pressure sand filters are proven and reliable designs for general water treatment and swimming pool applications. They are available in standard capacities up to 170m<sup>3</sup>/hr, though greater capacities can be provided by the installation of a number of filters in parallel. Features include:-

- A selection of eight standard models available in different diameters, the smaller diameters being supplied in standard and deep bed configurations.
- Mild steel plate construction with domed ends for enhanced pressure capacity with optional heavier gauge steel plate being offered for high-pressure applications. Stainless steel is also available for specialised food grade installations.
- Suitable for various medias including silica sand for sediment removal activated carbon for taste, odour and chlorine removal, activated carbon for fluoride removal and anion resin for softening.
- 400mm diameter bolted access cover for easy media charging and removal. Deep bed filters also feature a low-level side cover to facilitate media removal and general internal maintenance.
- Standard internal bitumised coating for corrosion protection and long life. A GRP lining is optional for aggressive liquids.
- High efficiency internal distribution and collection manifolds to ensure even filtration throughout the filter area and effective backwash flows.
- The option of 'Novasfer' ball type manifold mounted valves or 'Midas' single lever multi-port (up to 2") control valve arrangements.

Multiple connection installation options are available including series connection for increased filtration performance and parallel connection for high flow rates.

For the successful application of pressure filters it is important to match media and flow rate to the quality of the incoming water. Technical advice is available on correct specifications for individual applications.

The DAYLIFF range of pressure filters are established products which have been progressively upgraded over many years of production. They are robust, reliable and effective and offer the ideal solution for a wide range of water treatment requirements.

**SPECIFICATIONS**

Model	D (mm)	H (mm)	Filter Area (m <sup>2</sup> )	Inlet & Outlet size	Pressure (Atm) <sup>1</sup>		Capacities (m <sup>3</sup> /hr) <sup>2</sup>			Cylinder Weight (Kg) <sup>3</sup>	
					Working	Test	Minimum	Std	Max	Empty	Operating <sup>1</sup>
<b>FC 106S</b>	450	1000	0.16	1"	4	5.5	1.5	3	6	35	200
<b>FC 106D</b>		1900								70	450
<b>FC 111S</b>	575	1000	0.26	1 1/4"	4	5.5	2.5	5	10	50	300
<b>FC 111D</b>		1900								90	700
<b>FC 210S</b>	875	1050	0.6	1 1/2"	4	5.5	6	12	24	80	660
<b>FC 210D</b>		1950								150	1600
<b>FC 310S</b>	1150	1575	1.0	2"	4	5.5	10	20	40	220	1700
<b>FC 310D</b>		2175								300	2800
<b>FC 409S</b>	1450	1600	1.7	2 1/2"	4	5.5	17	34	68	300	2700
<b>FC 409D</b>		2200								400	4400
<b>FC 508</b>	1725	1950	2.3	3"	3.5	5	23	46	92	450	5000
<b>FC 604</b>	1925	2025	2.9	4"	3.5	5	29	58	116	700	6500
<b>FC 708</b>	2300	2075	4.2	4"	3.5	5	42	84	170	950	9000