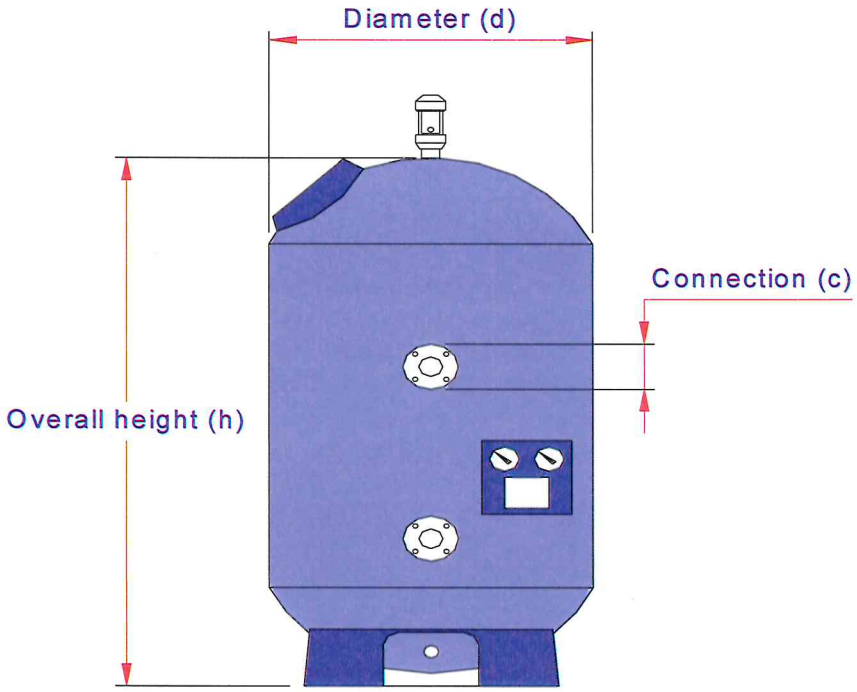
VDF SERIES : VERTICAL DUAL MEDIA – PHYSICAL & TECHNICAL DETAILS



Filter Model	Area (m2)	Flow Range (m3/hr)	BW Flow (l/sec)	Sand Media (kgs)	Coal Media (kgs)	Service Weight (kgs)	Dimensions (mm)				Shipping Details	
							D	C	H	W	(kgs)	(m3)
VDF1000	0.785	12-33	9	705	340	2775	1000	100	2550	1175	160	3.5
VDF1200	1.1	16-46	13	990	480	3850	1200	100	2550	1450	180	4.5
VDF1500	1.76	26-74	21	1584	770	6104	1500	150	2550	1700	250	6.5
VDF1800	2.54	38-106	30	2280	1100	9000	1800	150	2550	2000	360	9.4
VDF2000	3.14	47-132	37	2830	1375	10625	2000	150	3100	2200	420	13.5
VDF2200	3.8	57-160	44	3420	1665	13135	2200	150	2950	2400	1050	16.5
VDF3000	7.07	106-297	82	6363	3095	24158	3000	200	3200	3200	2700	32.3

- "Flow Range" is based on a design rate of 15 to 42 m3/hr/m2 – filter rates will vary according to application
- Nominal backwash duration is 3 to 5 minutes - Refer to CGF for possible backwash methods and details.
- "Filter Media" requirements are nominated for a dual media application with:-
  - (a) Bottom Layer of Silica Sand – 600mm deep (0.7mm to 0.8mm with an SG of 2.65) and
  - (b) Top Layer of Hydro-anthracite (Coal) – 600mm deep (1.7mm to 2.0mm with an SG of 1.5)

  Other bed compositions (including mono sand) are possible with changes to the media requirements.
- For filter beds greater than 1200mm deep – refer to Model No VCF filters
- FRP vessels are "contacted moulded" as a monolithic structure with reinforced entry & exit ports.
- Standard Test Pressure is 350kPa – higher test pressures are available.
- Model specific data sheets/sales outlines are available upon request.
- Dimensions are not to be used for construction or installation, unless certified for this purpose by CGF
- Details may be subject to change without notice and are for reference only.