

ChlorFree

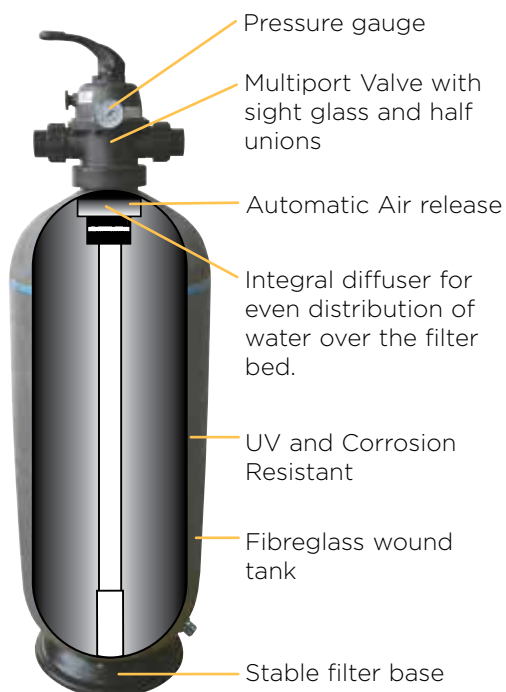
Superior Chlorine Removal & Versatile Adsorbent

**Benefits :**

- Removal of chlorine
- Removal of odour
- Removal of organic compounds
- Good adsorbent capacity
- Removal of pesticides & herbicides
- Removal of color
- Easy backwash filter

Deep Bed for Superior Filtration

W & WD filters are designed with filter depths of 600mm and 1000mm respectively, providing enhanced in depth filtration and increased dirt retention capacity.



Maximum working temperature of 50°C

Versatile Adsorbent Filtration

Treatment with GAC-Plus is based primarily on the phenomenon known as adsorption, in which molecules of a liquid adhere to an external or internal surface. GAC-Plus has a very large internal surface area (up to 900 m²/g) which makes it highly suitable for adsorption.

Advantages

- **Versatility & high adsorption**
Capacity in various raw water source
- **Potable water grade**
For peace of mind
- **Endorsed Certification**
EN12915, NSF61 Endorsed certification
AWWA B604, Halal Certified, Kosher Certified, Food Chemicals Code
- **Convenient**
Simply apply to water with desired concentration
- **Low cost**
Works well without any dosing equipment

GAC-Plus Physical and Chemical Characteristics

Description	Specification
Apparent Density	460 kg/m ³
Effective Size	(1.70 - 0.43mm)
Methylene Blue Adsorption	14g/100g
Total Surface Area	900m ² /g
Ball-pan Hardness	96%
Effective Size D10	0.6 mm
Uniformity coefficient	< 1.7
Ash Content	Max. 15%

Technical Specification

Model	Filter	Valve Size (mm)	Inner Dia. (mm)	Filter Area (m ²)	Bed Depth (mm)	Filtration Flow rate 20m ³ /hr/m ²		Media Volume (litres)	GAC-Plus 0.6mm (kg)
						(lpm)	(m ³ /hr)		
CF250	W250	40	250	0.05	600	17	1.0	41	17
CF300	W300	40	300	0.07	600	23	1.4	58	24
CF400	W400	40	400	0.13	600	43	2.6	79	33
CF500	W500	40	500	0.20	600	67	4.0	123	52
CF600	W600	40	600	0.28	600	93	5.6	175	74
CF700	W700	40	700	0.38	600	127	7.6	240	101
CFD300	WD300	40	300	0.07	1000	23	1.4	86	36
CFD400	WD400	40	400	0.13	1000	43	2.6	129	54
CFD500	WD500	40	500	0.20	1000	67	4.0	199	84
CFD600	WD600	40	600	0.28	1000	93	5.6	288	121
CFD700	WD700	40	700	0.38	1000	127	7.6	394	165
CFD900	WD900	50	900	0.64	1000	213	12.8	692	291

Maximum backwash flow rate 20m³/hr/m²

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