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D&H RAIN WATER HARVESTING FILTERS

Product



Features:

- ▶ Manufactured from MDPE Medium Density Polyethylene
- ▶ Rainwater filter for installation within Rainwater tanks or above tanks
- ▶ High level of filtering efficiency due to its two step cleaning system, independent of flow rate.
- ▶ Due to the steep inclination of the filter cartridge the dirt is continuously cleaned away to waste. Frost resistant.
- ▶ Self Cleaning, low maintenance intervals. filter insert is easily removed for cleaning and does not have to be changed.
- ▶ The cleaned water can be used in washing machines, toilet flushing, wash down, in commerce, public buildings, industry and increasingly 'On Farm' applications due to the large roof areas on Barns, Sheds etc.
- ▶ The VF1 combi filter is suited to 4" pipework and the Twin filter is designed for 4" & 6"

Technical data:

How it Works:

1. As water flows through the inlet the level builds up and is equally distributed across the cascade. 2. The largest dirt particles flow over the primary filter, and cascades directly to your waste. 3. The pre-filtered water then flows over the secondary filter sieve (mesh size 0.65 mm) Due to the special mesh structure of the sieve, any dirt washes directly to waste which means the filter is self cleaning 4. Cleaned water flows to storage. 5. Dirt passes to waste.



The above filter is a VF1 Combi filter which is suited to roof areas of upto 450m². The rainwater flows from the roof the filter. The particles and debris are separated from the water. The clean water flows to the tank. The dirt is washed to waste or soakaway with a small amount of rainwater.



Here the second cleaning step tanks place. In the water column, any residual particles settle to the bottom of the tank. The rainwater calmed inlet ensures that oxygen rich water is introduced to the lower layers of the stored water in the tank. This ensures that the water stays fresh



Any particles that are lighter than water float slowly to the top. The overflow syphon, with a skimmer effect, removes the floating layer to ensure optimum water quality. It prevents souring of the water.

Stock Number	Description	Capacity Roof Area	Inlet To Filter	Outlet To Tank	Outlet To Waste	Filter Material	Weight (empty)	Dimensions (mm)			Price £
								Width	Depth	Height	
6203	VF1 Combi Filter	450 mtr ²	2x 110mm	110mm	110mm	St. St	6.2kg	369	369	451	POA
6208	Twin Combi Filter	800 mtr ²	2x 150mm	150mm	150mm	St. St	16kg	680	680	873	POA
6204	Calmed Inlet	-	110mm	-	-	-	-	-	-	-	POA
6205	Uno Overflow Syphon	-	-	-	110mm	-	-	-	-	4130	POA