

Series 700 – Hydrocyclones

Helix Hydro's range of Hydrocyclone Separators are designed for use as head filters in agriculture and industrial applications.

The hydro separator has been designed and built on the principle of free flow, allowing water to flow freely in a spiral path along the length of the cylinder body.

The result of centrifugal force causes the solids to separate from the water and adheres to the external walls.

The solids then gravitate downwards, to be collected in the underflow chamber, while the filtered water rises to emerge from the top end of the separator.



Note: Hydrocyclone separators should only be used to remove inorganic solids, like sand, and are not effective in removing algae or organic material.

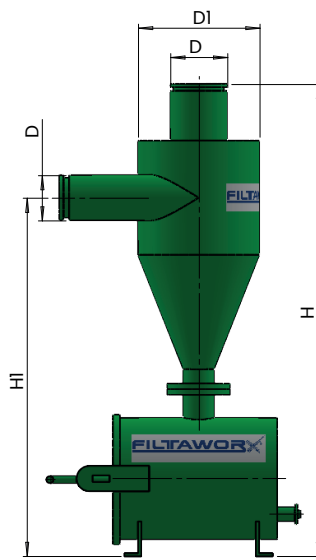


Technical Data:

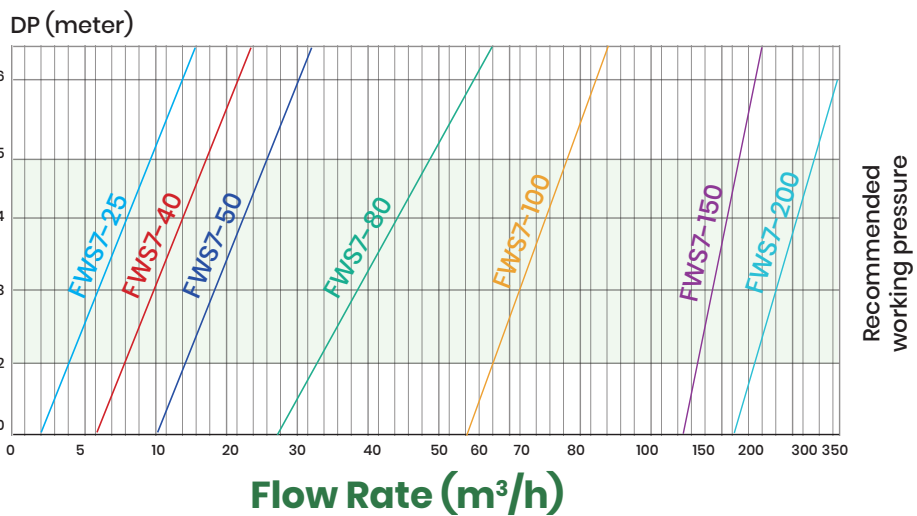
Max operating pressure	50-200mm = 1000 kPa
Max water temperature	55° C
Connections	25-40mm = 1000 kPa are threaded, all others are flanged (Table D)
Flush Valve	25mm Flush valve supplied

Dimensional Details

Cat No	Flow (M ³ /hr)	D (mm)	DI	H	HI	Weight (kg)	Volume (cubic m)	Drain
FWS7-25	3-8	25	114	860	780	10	0.013	25mm
FWS7-40	5-19	40	168	860	780	10	0.042	25mm
FWS7-50	10-25	50	220	885	745	15	0.070	25mm
FWS7-80	35-45	80	220	1000	840	21	0.155	25mm
FWS7-100	50-120	100	406	1727	1520	94	0.506	25mm
FWS7-150	100-200	150	508	1977	1729	225	0.6	25mm
FW7-200	140-220	200	610	2192	1911	272	1	25mm



Head Loss Graph



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