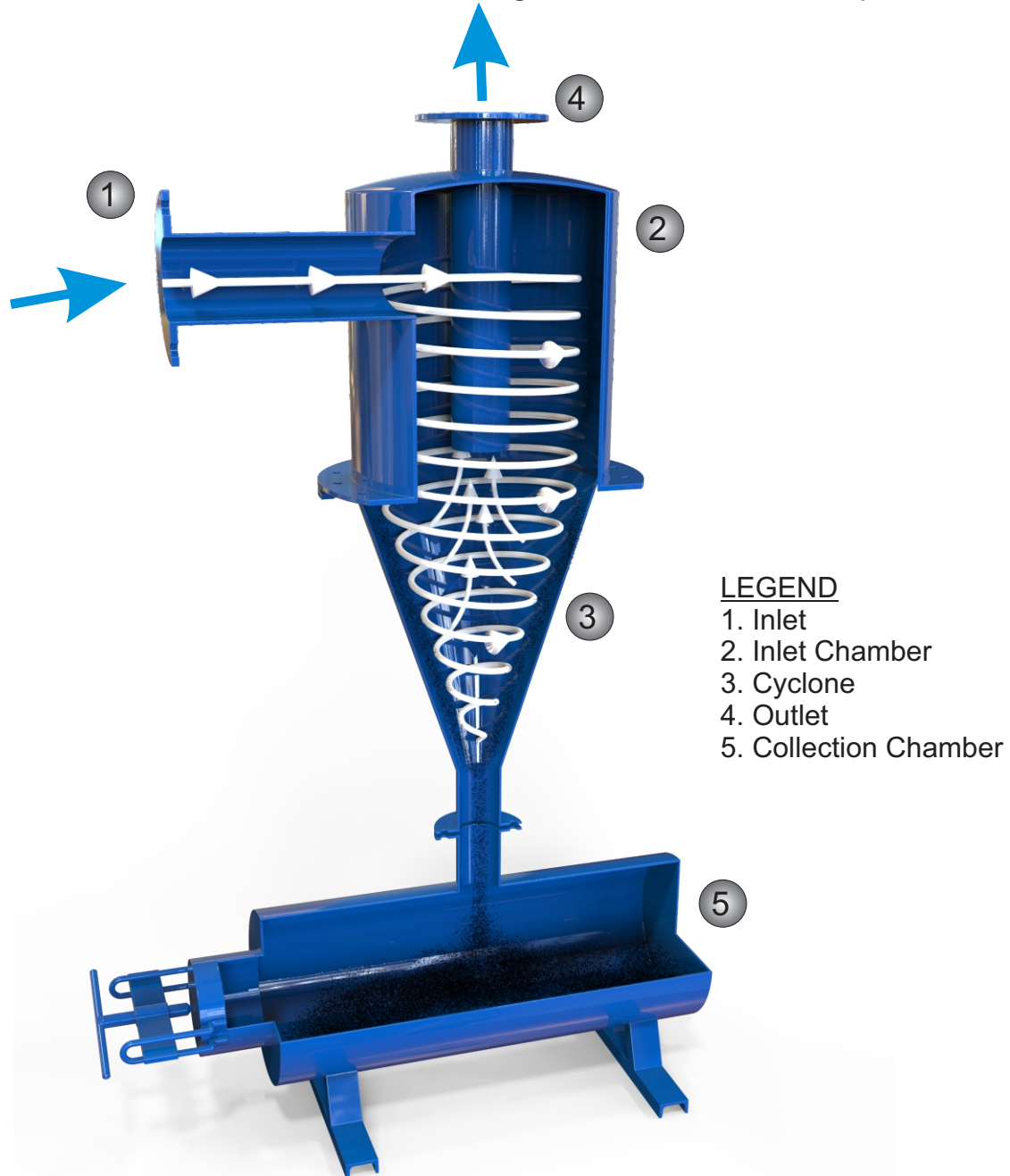


Cubic Water is a company specializing in the manufacturing of water cleaning and purification equipment. We manufacture a range of products for the irrigation, municipal and industrial sectors.

All products are manufactured to the highest standards in Nelspruit, South Africa.



A Sand Separator or hydro cyclone is designed as a free flow filter to remove the heavy (sand) particles by centrifugal forces. Raw water is pumped into the filter through the Inlet (1). The heavy particles (sand & waste) becomes separated from the water and adheres to the walls of the filter in the Inlet Chamber (2) and Cyclone (3). It then gravitates downwards to be collected in an underflow chamber (5), while the filtered water rises to emerge from the Outlet (4) of the filter.



Made in South Africa

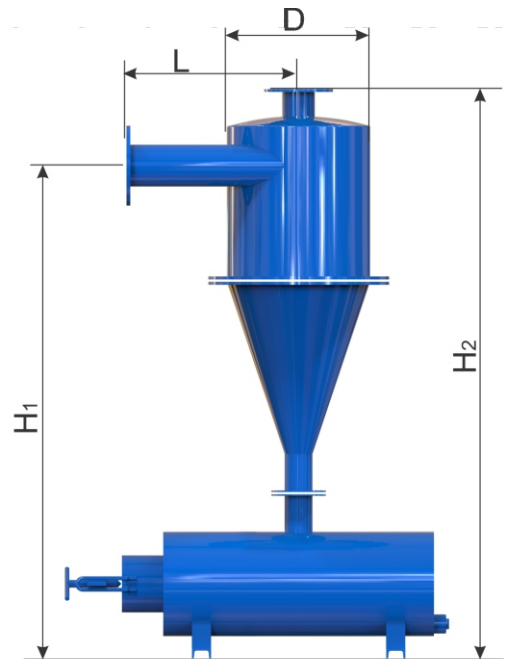
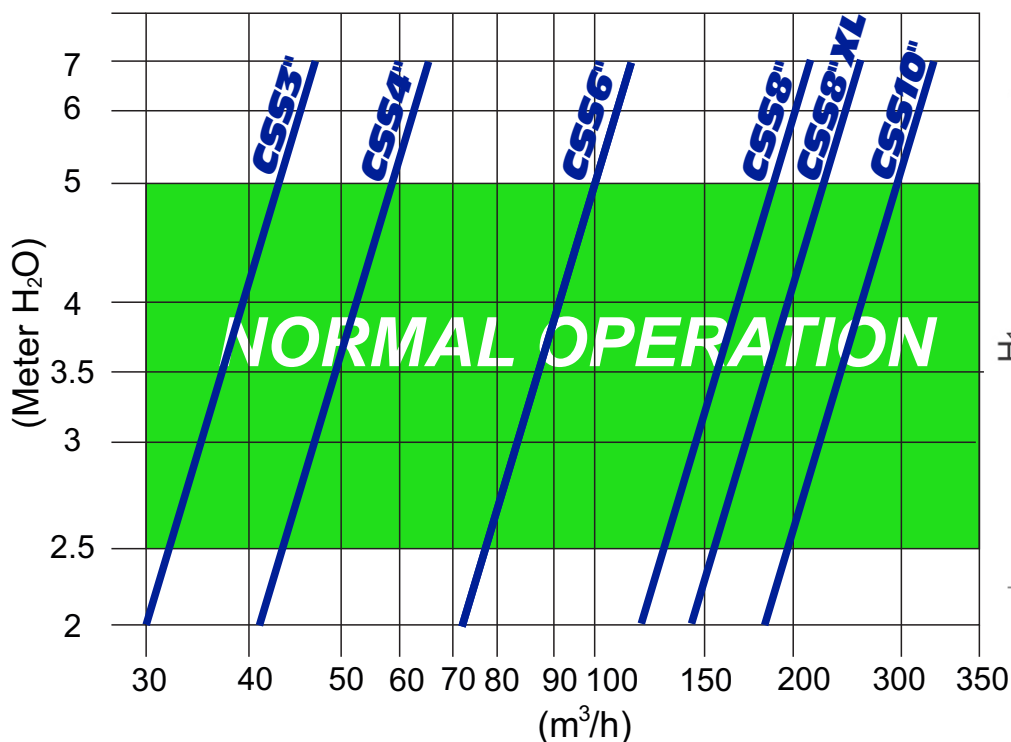
Cubic Sand Separator₂₀₂₀



Made in South Africa

Model Number	Inlet/ Outlet		Recommended Flow Rate		Dimensions					Weight
					H ₁	H ₂	D	L	T	
	(inch)	(mm)	(m ³ /h)	(l/s)	(mm)	(mm)	(mm)	(mm)	(mm)	(kg)
CSS 3"	3	80	35 - 45	10 - 13	830	990	200	300	56	21
CSS 4"	4	100	50 - 70	14 - 19	1145	1345	300	450	88	70
CSS 6"	6	150	86 - 120	24 - 33	1220	1465	380	500	101	94
CSS 8"	8	200	150 - 190	42 - 53	1595	1865	500	600	137	225
CSS 8"XL	8	200	180 - 220	50 - 61	1965	2235	610	650	192	270
CSS 10"	10	250	230 - 370	64 - 103	2230	2580	762	700	243	330

Pressure Loss



Standard Features

- ✎ Maximum operating pressure of 8 bar (800 kPa).
- ✎ Filter housing materials of powder coated carbon steel.
- ✎ Easy to remove sand from filter.
- ✎ High manufacturing quality.
- ✎ Very long product life.

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