

Hydro-Cyclone Filter



Features:

- Body made of reinforced plastic for long life.
- Hydro dynamically designed to create maximum centrifugal action.
- Sand particles can be easily flushed out through the drain part.
- The collector tank can be easily cleaned by opening the collector cover through the opening of the toggle clamps.
- T-type stands for stable fitment.
- Specially designed high wear resistant special plastic is inserted in the bottom of the cone to avoid wear due to the strong sand vortex.
- Flange type connection to joint cone and collector tank for proper stable fitment and support.
- Extra wide locking portion provides a perfect joint of cone and manifold for better sealing and provides no leakage.

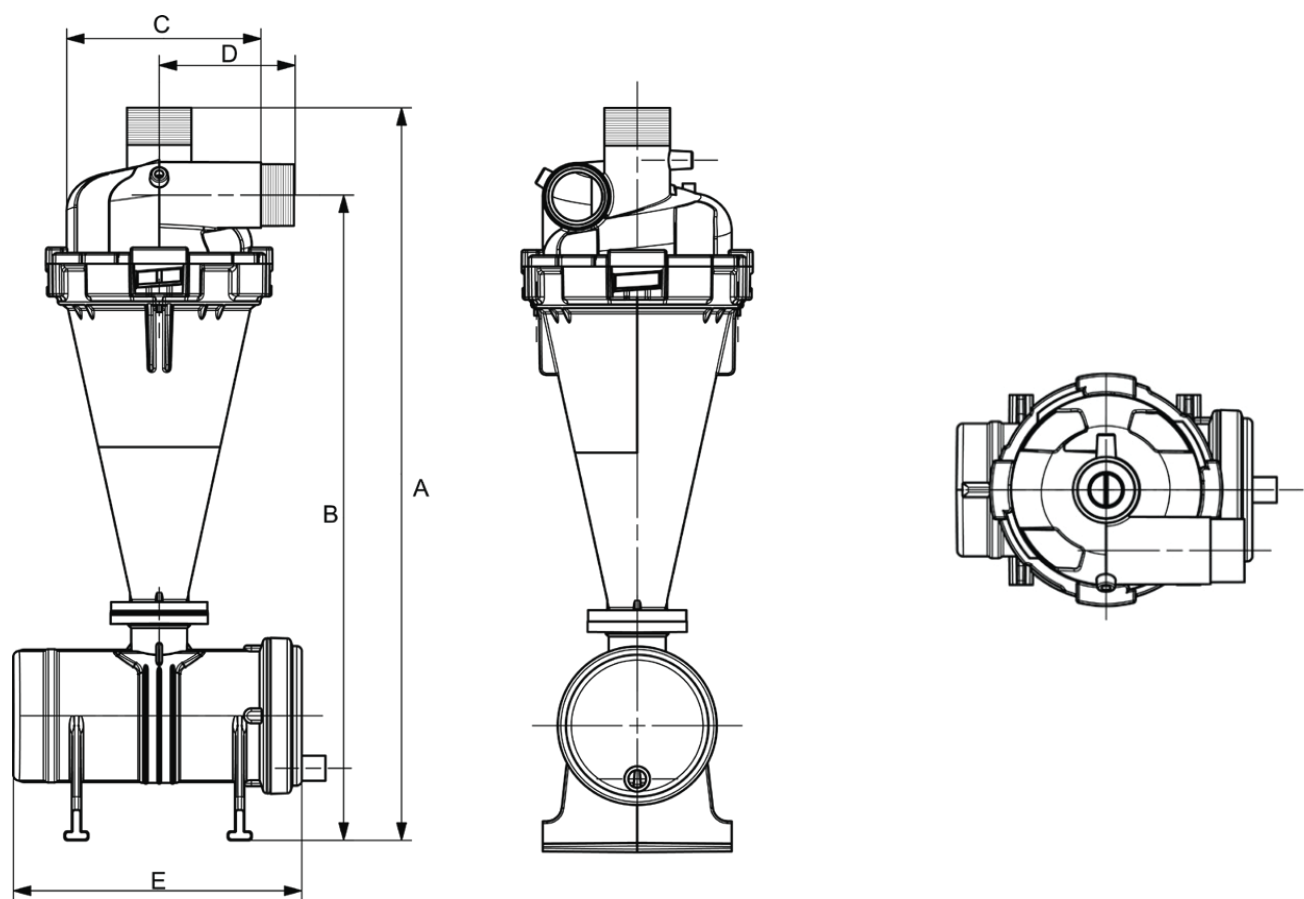
Technical Specification:

- Size: 2", 2.5", 3".
- Material of construction: Reinforced glass/nylon.
- Maximum operating pressure: 3 kg/cm².

End Connection Option:

- Slip on flange
- Threaded

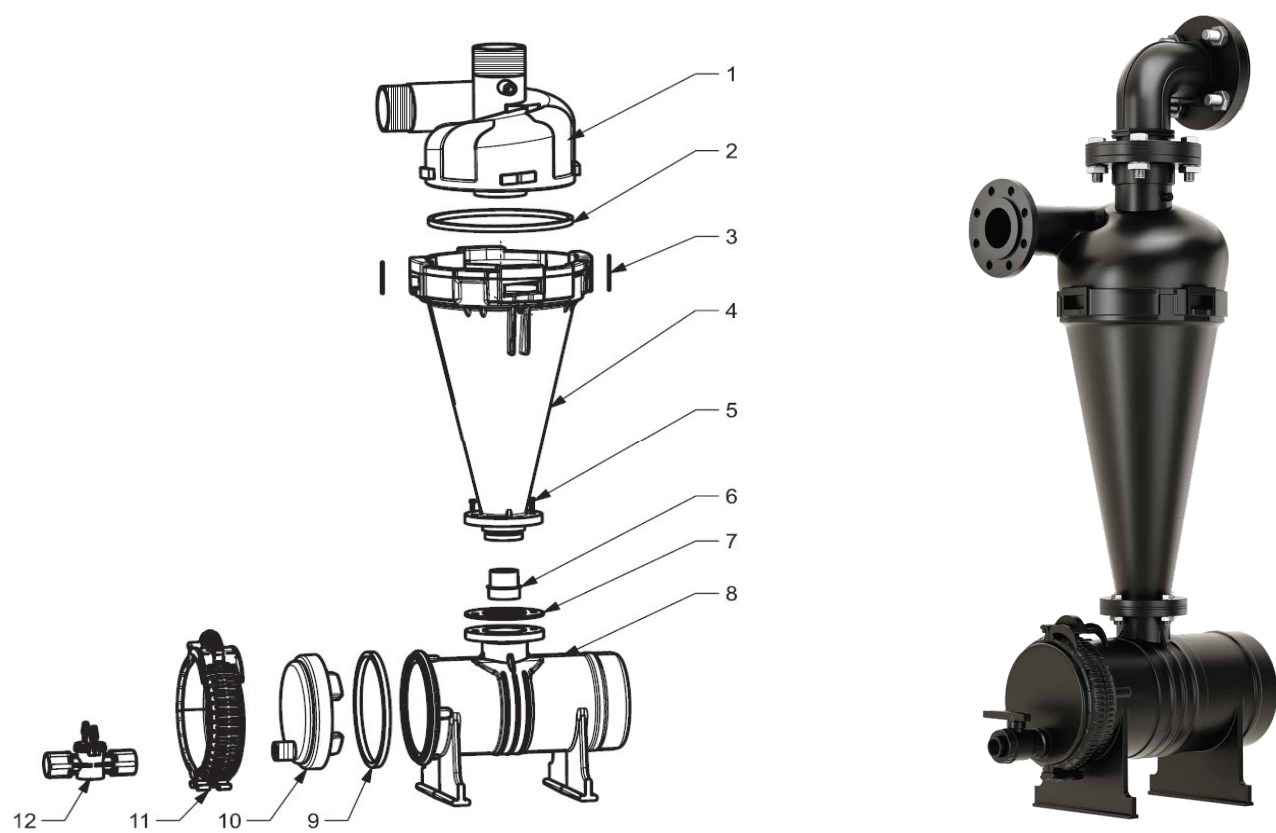
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Dimensions of Hydro-Cyclone Filter (mm):

Model No.		AIPL-HC50	AIPL-HC65	AIPL-HC80
Outlet Connection (mm)		50mm	65mm	80mm
Rec. Range of Flow Rate (m³/hr)		15-25 m³/hr	25-40 m³/hr	35-50 m³/hr
Nominal Flow Rate (m³/hr)		25 m³/hr	40 m³/hr	50 m³/hr
Dimensions (mm)	A	954.8	954.8	994
	B	821	828.5	876
	C	220.4	220.4	262.5
	D	153	153	183
	E	289.5	289.5	389.5
Capacity of Underflow Tank (ltr)		8	8	8
Gross Weight (kg)	Empty (kg)	7.580	7.765	10.360
	In Operation (kg)	22.724	23.934	32.00

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Sr. No.	Part Name
1	Manifold Body (BSP Threaded)
2	Cone Main O-Ring
3	SS Lock Pin
4	Cyclone Cone
5	Nut & Bolt
6	PU bush for tank
7	Rubber Gasket for Tank
8	Collector Tank
9	Collector Tank O-Ring
10	Collector Cap
11	Clamp
12	1" PP Ball vale (FxF)