Hydrocyclone Sand Separator

2", 2½" & 3"



Hydrocyclone is engineered to effectively remove sand and dirt from water before it enters irrigation systems. Made from reinforced engineering plastic, this hydrocyclone is designed for maximum centrifugal action, ensuring that dirt is filtered out efficiently. With a simple installation process and low maintenance requirements, this filter is built to deliver optimal performance in the field.

HIGHLIGHTS

- **Efficient Dirt Removal:** Hydrodynamic design creates strong centrifugal action to remove sand and dirt.
- **Durable Construction:** Reinforced engineering plastic and a high wear-resistant plastic insert ensure long-lasting performance.
- **Hybrid Nylon Clamp:** Equipped with an SS Lock for easy opening and closing of the collector cover.
- **Height Adjustment:** Comes with a stand to increase height as needed.
- **Easy Maintenance:** Simple installation and minimal upkeep make it highly user-friendly. Dirt is easily flushed out via the drain port, and the collector chamber can be cleaned by opening the cover.

APPLICATIONS

- **Agricultural Irrigation:** Ideal for pre-filtering water containing sand and dirt, ensuring clean water for crop irrigation systems.



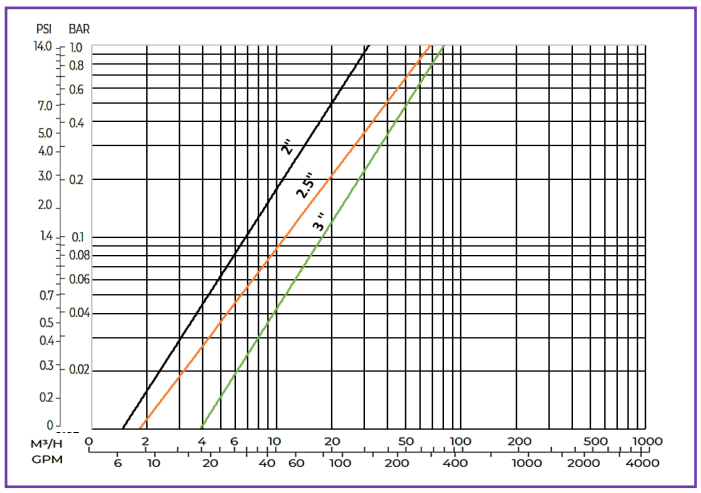
Technical Data

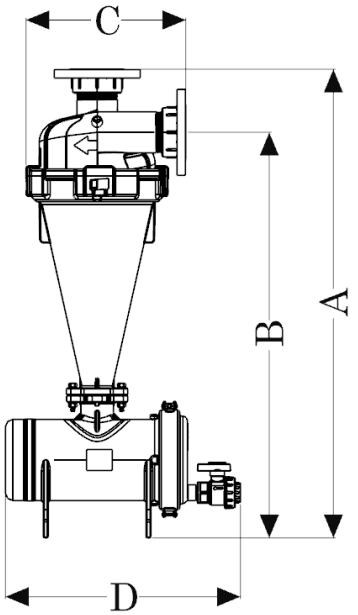
Filter Model		AQ-144 M	AQ-145 M	AQ-146 M
Inlet /Outlet Connection		2" / 50mm	2½" / 65mm	3" / 80mm
Connection Type		Threaded (BSP/NPT) / Grooved / Flanged		
Max. Flow Rate	M^3/HR	25	30	50
	GPM	110	132	220
Max. working Pressure.	BAR	6		
	PSI	85		
Material of Construction		All Polymeric		
Clamping		St.St. Clamp		
Flush Port		1" – Male Threaded Port (with Flush valve)		

Dimensions

Model		Dimensions				Capacity of Collection Tank	
		A	B	C	D		
AQ-144M	CM	95	82	25	51	LITRE	8
	INCH	37	32	10	20	GALLONS	2
AQ-145M	CM	95	82.5	25	51	LITRE	8
	INCH	37	32.5	10	20	GALLONS	2
AQ-146M	CM	99	87	28	51	LITRE	8
	INCH	39	34	11	20	GALLONS	2
	CM	100	89	28	60	LITRE	10
	INCH	40	35	11	24	GALLONS	3

Head Loss Chart





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