New

Double Body Semi-Automatic Screen Filters

3" & 4"

The Semi-Automatic Screen Filter is a durable and efficient filtration solution for higher water volumes. Made from a chemically bonded polymer, it offers long-lasting performance while being easy to install and maintain. With a simple handle mechanism for cleaning, the filter operates under system pressure to ensure uninterrupted filtration. Its non-corrosive stainless-steel mesh enhances durability, making it ideal for primary filtration in agricultural water systems.



HIGHLIGHTS

- **Durable Polymer Body:** Chemically bonded for long-lasting strength.
- **Stainless Steel Mesh (SS-316):** Corrosion -resistant and reliable for consistent filtration.
- **Simple Cleaning Mechanism:** Handle rotation system allows for easy, online cleaning without stopping water flow.
- **Clogging Indicator:** Red button pops up when cleaning is needed based on pressure differential.
- **Multiple Connection Options:** Available in 3" & 4" BSP/NPT male thread connections.
- **Low Maintenance:** Easy to clean and operate, with minimal upkeep required.

APPLICATIONS

- **Farm Irrigation:** Provides efficient filtration for water systems in agricultural operations.
- **Primary Water Filtration:** Can be used for primary filtration in place of sand media filters for small farm holdings.



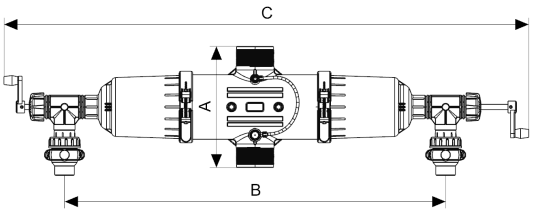
Technical Data

Filter Models Screen		AQ-526D-SA	AQ-526D XL-SA	AQ-528DS-SA	AQ-528D-SA
Inlet /Outlet Connection		3"/80mm		4"/100mm	
Connection Type		Threaded (BSP/NPT) / Grooved / Flanged			
*Maximum Flow Rate	M^3/HR	50	60	70	90
	GPM	220	264	308	396
Maximum Working Pressure	BAR	PPGF – 8			
	PSI	PPGF – 116			
Filtration Surface Area (Screen)	CM^2	1600	3200	2400	3200
	$INCH^2$	248	496	372	496
Minimum Flushing Pressure	BAR	1.5			
	PSI	22			
Filtration Degree (Screen)	Mesh	150 / 120 / 80			
	Microns	100 / 130 / 200			
Material of Construction		All Polymeric /NBR / St.St.			
Screen Material		St.St.			
Flush Port		1½" – Male Threaded Port (with Flush valve)			

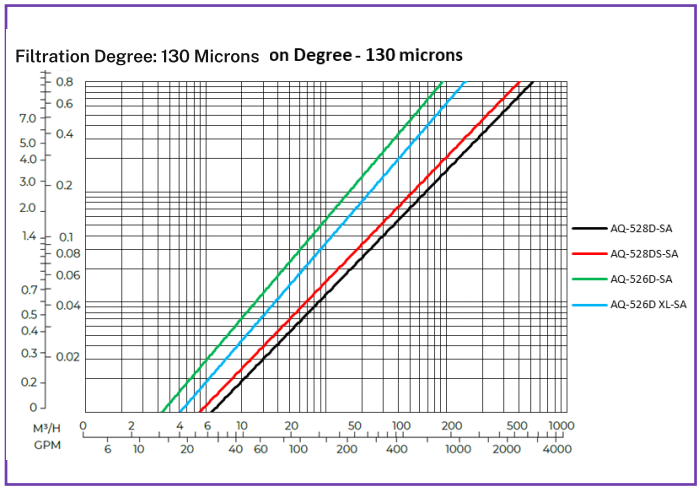
*Flow depends on water quality.

Product Dimensions

Dimensions		AQ-526D-SA	AQ-526D XL-SA	AQ-528DS-SA	AQ-528D-SA
A	CM	36			
	INCH	14			
B	CM	124.5	162.5	138.5	163.5
	INCH	49	64	54	64
C	CM	171	211	186	211
	INCH	67	83	73	83



Head Loss Chart



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