New

Turbo- (H)
Automatic Screen Filters

2", 3" & 4"

Optimized for high flow rate applications, the "Turbo H Series" self-cleaning screen filter offers high cleaning efficiency with the critical benefit of continuous, non-stop irrigation during back flushing. Its innovative mechanism delivers reliable clean water performance, even in low-pressure conditions. With a new, dedicated controller, the system is designed for maximum simplicity, ensuring both easy installation and maintenance.



HIGHLIGHTS

- **Dual-Screen Filtration:** Features primary and secondary screens for highly efficient contaminant removal.
- **High Flow Capacity:** Large filtering screen area accommodates higher flow rates and handles heavily contaminated water efficiently.
- **Durable Materials:** Corrosion-resistant stainless steel internal mesh housed in an MS outer body reinforced with a double-layer protective coating.
- **Customizable Filtering:** Available in multiple mesh sizes (100–200 Microns) to address different physical impurities.
- **Efficient Self-Cleaning:** Hydraulically operated spiral movement of the suction cleaner ensures efficient cleaning.
- **Continuous Irrigation:** Maintains uninterrupted water supply even during the self-cleaning (flushing) process.
- **Flexible Power Options:** Can be operated using grid power, battery, or solar power.
- **'FilterSmart' Controller:** Bluetooth-enabled system allows users to conveniently manage the filter via their smartphone, providing remote monitoring and control over all flushing cycles.

APPLICATIONS

- Primary & Secondary filtration for:
  a. Agricultural Drip and micro irrigation systems.
  b. Turf irrigation.
  c. Industrial wastewater.

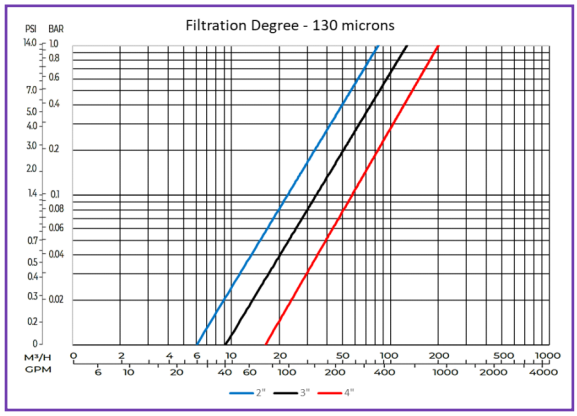


Technical Data

Filter Models		TURBO – H (1200)	TURBO – H (1600)	TURBO-H (2400)
Connection Size (Inlet/Outlet)	Inch	2”	3”	4”
	mm	50	80	100
Connection Type		Flanged		
Maximum Recommended Flow Rate*	M^3/HR	25	50	80
	GPM	110	220	352
Maximum Operating Pressure (Bar / Psi)		10 / 145		
Minimum Backwash Pressure (Bar / Psi)		2-30		
Filtration Area	cm^2	1200	1600	2400
	$Inch^2$	186	248	372
Material of Construction		MS Coated + Polymeric + St.St.		
Filtration Degree	(Micron / Mesh)	200 (80) / 130 (120) / 100 (150)		
Maximum Working Temperature	(°C / °F)	60 / 140		
Power Input To Controller	By Power Adaptor	6V @ 4 Amp		
	By Batteries	6V By 4 x 1.5 “C” Size Alkaline Batteries		
Flushing Data				
Flush Valve		2” (50 mm)		
Flushing duration		15 seconds (@ 2 bar / 30 psi)		
Flushing Flow Rate	m^3/hr	4	6	8
	GPM	18	26	35

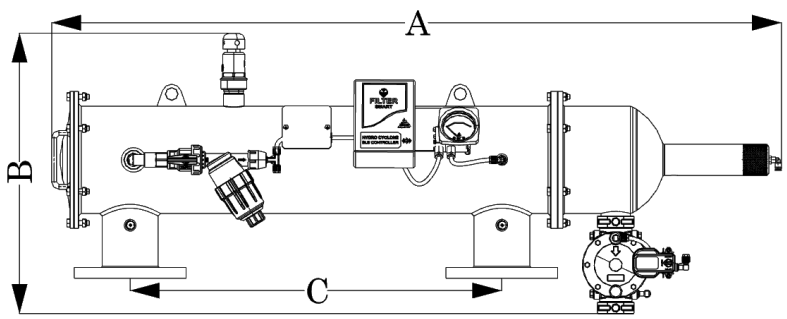
*Maximum flow rate depends on the quality of water and filtration degree.

Head Loss Chart (With clean water)



Product Dimensions

Dimensions		2”	3”	4”
A	CM	111	124	150
	INCH	44	49	59
B	CM	58	58	58
	INCH	23	23	23
C	CM	40	50	76
	INCH	15	20	30



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