

New

Turbo- (H) Automatic Screen Filters

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

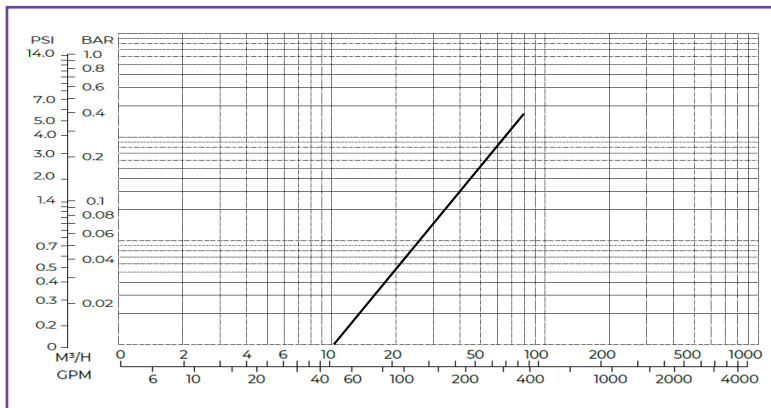
- Primary & Secondary filtration for:
 - a. Agricultural Drip and micro irrigation systems.
 - b. Turf irrigation.
 - c. Industrial wastewater.

Technical Data

Filter Models		TURBO-H (2400)
Connection Size (Inlet/Outlet)	Inch	4
	mm	100
Connection Type		Flanged
Maximum Recommended Flow Rate*	M ³ /HR	80
	GPM	352
Maximum Operating Pressure (Bar / Psi)		10 / 145
Minimum Backwash Pressure (Bar / Psi)		2 / 30
Filtration Area	cm ²	2540
	Inch ²	394
Material of Construction MS Coated + Polymeric + St. St.		
Filtration Degree	Microns	200 / 130 / 100
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		
Flushing duration		15 seconds
Flushing Flow Rate	M ³ /HR	8
	GPM	35

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

Head Loss Chart (With clean water)



Product Dimensions

Dimensions		TURBO- H (2400)
A	CM	150
	INCH	59
B	CM	40
	INCH	16
C	CM	76
	INCH	30

