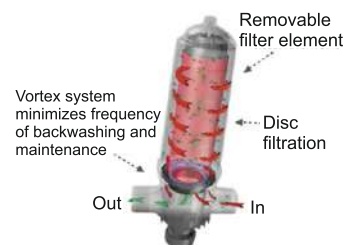




Pentaaqua presents FILTRX - A unique "State of the art" automatic Filtration system that provides high quality precise filtration for building services. Considering costly space of realty / Building services area and increasing cost of water, in order to avoid manpower dependency, this reliable, trouble free and precise filtration brings a piece of relief to the building services segment for a life time.

The FILTRX units are available from 10 m³/hr. up to 100 m³/hr. range in various models options. The unique system offered here is a combination of our Zeus - Automatic Disk filtration system in combination with rugged and precise non-corrosive backwashable micron filters, that ensures -

- Smallest foot print filtration system in market.
- Vortex Flow design minimizes Backwash frequency - Lowest Water Waste (Saves lacs of litres of water every year)
- Filtration disk available from 200 micron to 20 micron level.
- Automatic option provides flexibility to set backwash time and frequency.
- Ease of operation - Automatic / Manual option available.
- 24 X 7 running , the unique self cleaning automation design ensures water even at the time of backwash.
- Precise < 50 micron level of filtration, Ideal for Drinking, Swimming Pool etc.
- Corrosion free - Complete non corrosive construction from advance Engg. plastic-Virtually No maintenance, No painting.
- Removable Filter discs - ease to maintain.
- FILTRX cartridges are specially designed and developed with extra high surface area cartridges, ensuring more filtration area and more dirt holding capacity with precise filtration.
- FILTRX cartridges, provides easy replacement in just few minutes.
- FILTRX cartirdges are unique with special polymer pleated filters that provides depth filtration up to 50 micron and are backwashable so that it can be easily cleaned by water spray and back in operation in few minutes. Thus ensuring long life of operation without replacement.
- FILTRX units designed up to 10 bar pressure with heavy industrial grade piping and valves - ensures leakage free performance for life.





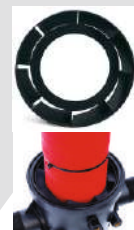
Helical technology

Generate helical centrifugal action.

Advantage of helical element:

- Ensure particles deposition away from discs.
- Decrease backwash frequency.
- Decrease backwash water consumption.

Disc technology



FILTRATION GRADES

● 200 micron (80 mesh)	● 130 micron (120 mesh)	● 100 micron (150 mesh)	● 50 micron (200 mesh)	● 20 micron (200 mesh)
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FILTRX - Data sheet

Model	Dimension in mm	Flow rate in m ³ /hr.			Connection	Backwash Flow Rate	Water produced per day	Water Wastage per day	Unit Weight	Running Unit Weight
	Length X Width X height	Min.	Normal	Max.	Inlet / Outlet	in m ³ /hr.	in m ³	in m ³	kgs.	kgs.
TWINSTAR	1500 mm X 800 mm X 1400 mm	10	20	30	2" / 2"	11	450-500	9-12	130	160
TRISTAR	1750 mm X 800 mm X 1400 mm	30	40	50	4" / 4"	11	900-1000	18-20	200	250
QUADRA	2000 mm X 800 mm X 1900 mm	50	60	70	6" / 6"	11	1450-1500	25-30	275	325
PENTA	2250 mm X 800 mm X 1900 mm	70	80	90	6" / 6"	11	1900-2000	30-35	350	400
HEXA	2750 mm X 800 mm X 1900 mm	90	100	110	6" / 6"	11	2400-2500	35-40	400	475

NOTE: The above specification are indicative and subject to change as per continuous development happening for optimum performance of system & new technologies in market. Please consult Pentaaqua for accurate data while selecting model.

Applications



Drinking Water Treatment



Bathing Water Treatment



Swimming Pool Filtration



Cooling Tower Treatment



Gray water Pre-Treatment



Sewage Recycling

powered by Doshion
PENTAAQUA
 Regenerating water

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