Hydrocyclone Filter

Features & benefits :

- Hydrodynamically designed to create maximum centrifugal action to separate soil particles heavier than water.
- Body made of special chemically bonded polymer for durability.
- The angled inlet increases the centrifugal action of water to have the maximum filtration.
- Large volume of dirt collection chamber increases flushing interval.
- Equipped with pressure check assembly to check pressure at the inlet & outlet.
- Efficiently removes fine sand particles from water.
- Flush valve provided on the dirt collection chamber directly removes the dirt from the chamber even during operation.
- Recommended to install before media/screen filters to remove particles heavier than water.
- Improves operational efficiency & life of screen/ disc filter.
- Strong supports provided at the bottom to stand firmly on the filtration platform.

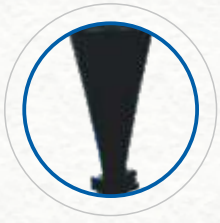
Applications :

- Used in micro irrigation systems as primary filter to remove sand & silt particles from irrigation water.
- Usually recommended for micro irrigation with bore well as water source.

Technical Specifications:

1	Model Identification and Catalogue Number	3" (80mm) 50m3/h
2	Material of Construction	Plastic
3	Nominal Size	3" (80mm)
4	Max. Operating Pressure (kg/cm²)	6 Kg/cm²
5	Recommended range of design Flow rate (m³/hr)	45 – 55 m³/hr
6	Dimensions of the Filter	3" BSP
7	(B) Length of Assembly	480 mm
8	(A) Height of Assembly	985 mm
9	Weight of Filter Empty	12 Kg
10	Weight at operating condition	26 Kg
11	Type of connections to the piping network	Threaded and Flanged
12	Capacity of underflow chamber	8 Ltr.

USP : Hydrocyclone Filter



Unique conical shape ensuring maximum centrifugal action



Angular inlet helps in stronger filtration



Drain valve ensures cleaning of filter even during operation



Recommended to install before media or primary filter