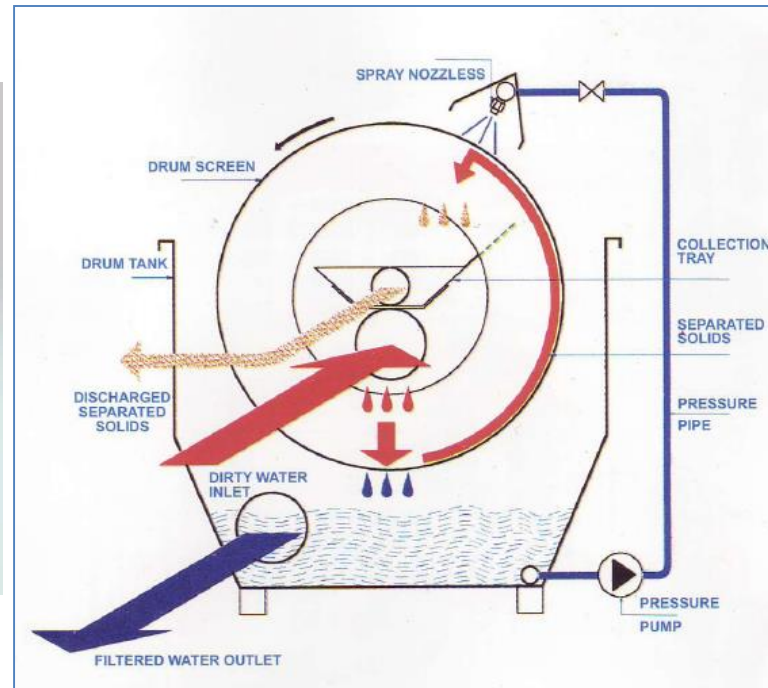


Micro Drum Filters

Micro Drum Filters

- ❖ Filtered particles on the screen are sprayed by means of nozzles and collected on a tray inside the drum.



Micro Drum Filters



Micro Drum Filters

Some of the Application Areas

- ❖ Process Water Filtration
- ❖ Waste Water Treatment Plants
- ❖ Water Intake Stations
- ❖ Plastic Factories
- ❖ Chemical Industry
- ❖ Fish Farms
- ❖ Textile Industry
- ❖ Paper Industry
- ❖ All Kinds Of Industries



Micro Drum Filters

- Some of its advantages;
 - ❖ Filtration without any flow interruption
 - ❖ Capacities from 1 m³/h to 4500 m³/h
 - ❖ Wide filtration range, down to 40 Micron
 - ❖ No need for pumping, no pumping costs
 - ❖ No need for consumables or chemicals
 - ❖ Very low water loss and Pressure Drop
 - ❖ Easy installation and low maintenance costs

Micro Drum Filters



Tank Type Drum Filter

Micro Drum Filters



Frame Type Drum Filter

Micro Drum Filters



Micro Drum Filters



Micro Drum Filters



Micro Drum Filters



Micro Drum Filters



Micro Drum Filters



Micro Drum Filters

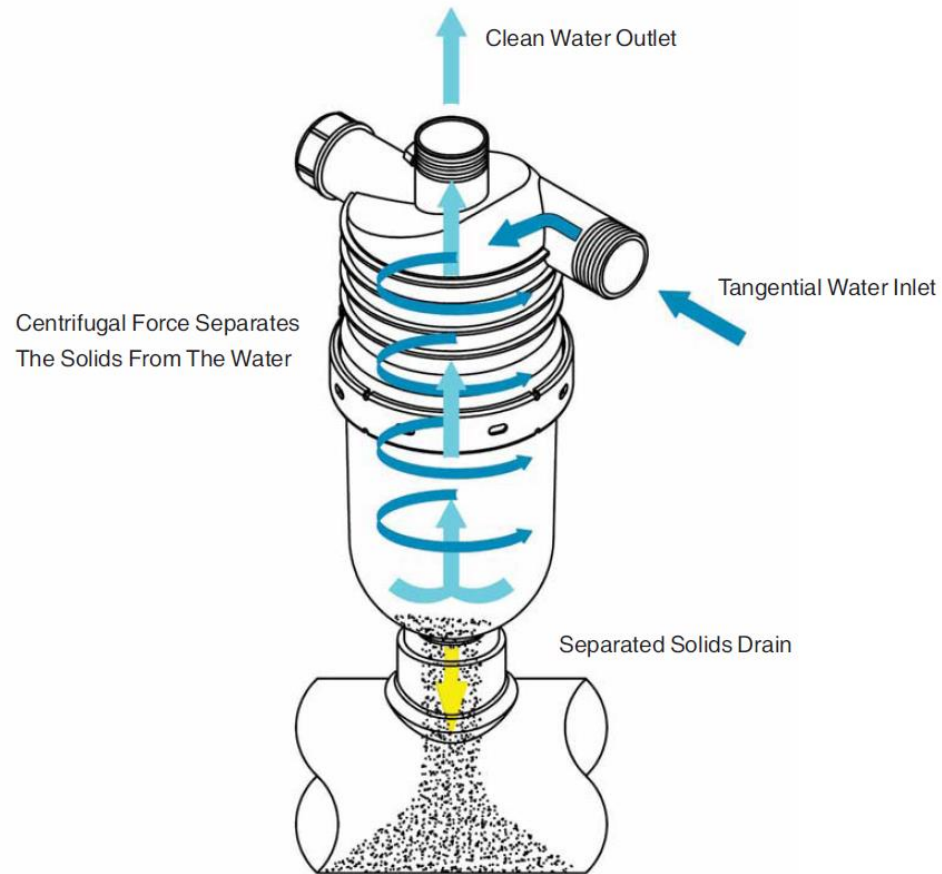


Micro Drum Filters



Hidrociclones / Separadores de arena

Sand Separator



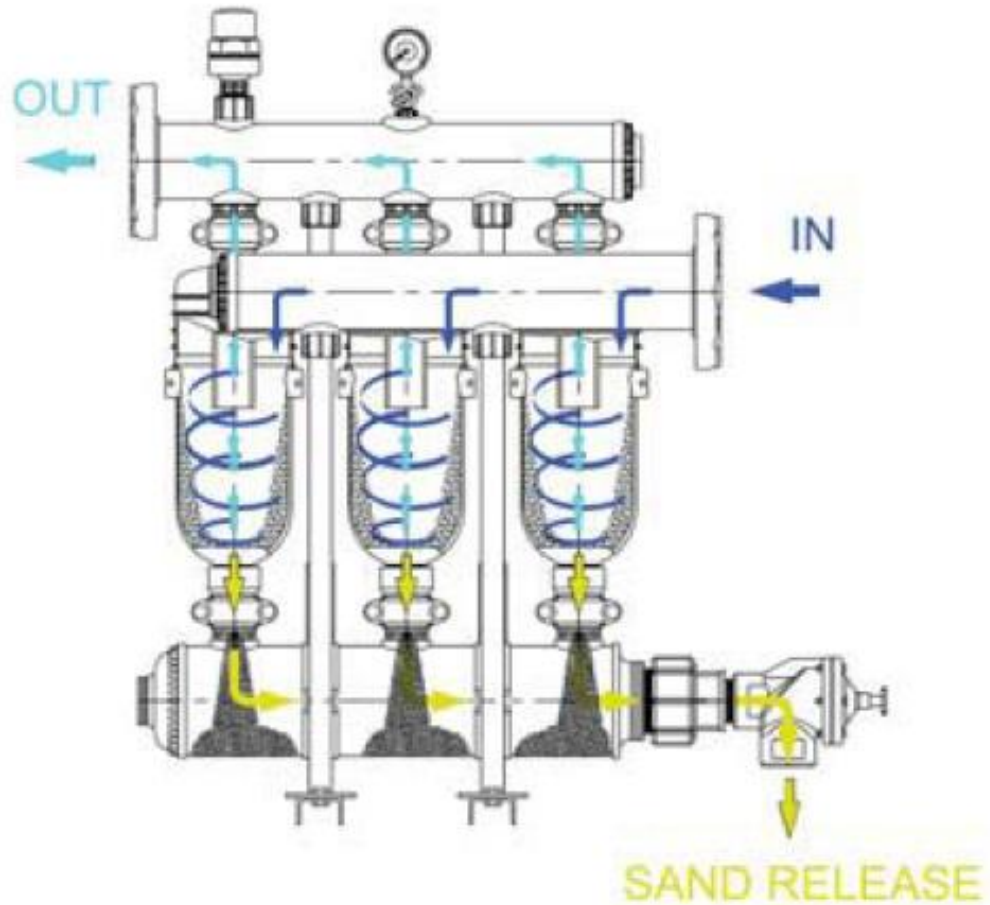
Sand Separator



Sand Separator

- Constant Pressure Drop
- No Media, no moving parts
- No any replaceable parts
- Pre-filtration for our automatic filters
- Manual or Automatic Purge
- Particle Removal $>80\sim120\mu$
(Depends on Specific Gravity & Flow)
- ASME Design Section 8 Division 1 with “U” Stamp
- Or all Polymeric Hydro cyclone

Sand Separator Battery



SEPARATORS - (HYDROCYCLONES)

APPLICATIONS ;

- *Pre-Filtration before our automatic filters.*
- *Sea water intakes.*
- *Ballast water.*
- *Plastic industry.*
- *Automotive industry.*
- *Hydro power plants.*

Centrifugal Separator Solids Removal Efficiency



Separation Efficiency / Flow rate

	Particle size larger than (micron):			m³/h
	150	100	50	
% Efficiency	90	85	82	15
	95	90	85	20
	98	95	90	25
Specific Gravity 7.5		Specific Gravity 3.6	Specific Gravity 2.6	Specific Gravity 1.7

Most particulate in cooling tower water have a specific gravity in the range of 1.6 and are less than 40 microns; well below the operating limit of centrifugal separators.

SEPARATORS - (HYDROCYCLONES) APPLICATION PICTURES



SEPARATORS - (HYDROCYCLONES) APPLICATION PICTURES



SEPERATORS - (HYDROCYCLONES) APPLICATION PICTURES



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SEPARATORS - (HYDROCYCLONES) APPLICATION PICTURES



SEPARATORS - (HYDROCYCLONES)

APPLICATION PICTURES



The background features a large, light blue circle on the right side, which contains a close-up image of green grass blades against a blue sky. This circle overlaps with a larger, semi-transparent white circle on the left. A red curved shape is visible at the bottom right corner.

Muchas gracias