

HFP

Description

Centrifugal sand separator (Hydrocyclone) made of plastic material (reinforced polyamide). Available in 2" and 3" sizes. The models are equipped with a large volume collection tank and a manual discharge valve.

Principle of operation

The water enters the cone laterally in a tangential manner. The centrifugal force generated allows the separation of the sand (carried in the outer part of the flow), which is collected in the lower tank. The central part of the flow (solid-free) flows out of the upper outlet.

Advantages

- ✓ Centrifugal separator for well or river water containing sand (and other solids of high specific weight) in suspension
- ✓ Plastic construction
- ✓ High-capacity sand collection tank (supplied equipped with purge valve)
- ✓ TPU protection installed at the base of the cone reduces wear caused by the action of sand.


Flow rate
15 - 52 m³/h


Max Pressure
6 Bar


Diameters
2" - 3"



Couplings	Code	Ø Body (mm)	Flow rate (m ³ /h)	Capacity container (litres)	H (mm)	H1 (mm)	A (mm)	B (mm)	L (mm)	Weight (kg)
2"	IFHFPG00M2VON	206	15÷25	8	940	808	206	151	395	7.6
3"	IFHFPI00M2VON	248	35÷52	10	990	868	248	175	482	9.6

General Specifications

CONNECTION TYPE	Threaded male (BSP)
COLLECTION TANK	Supplied
DISCHARGE	Manual valve
MAX PRESSURE	6 bar

Materials

BODY	Reinforced polyamide
TANK	Reinforced polyamide
CLOSING ELEMENT	Stainless steel clamp and bolt
GASKETS	NBR

