



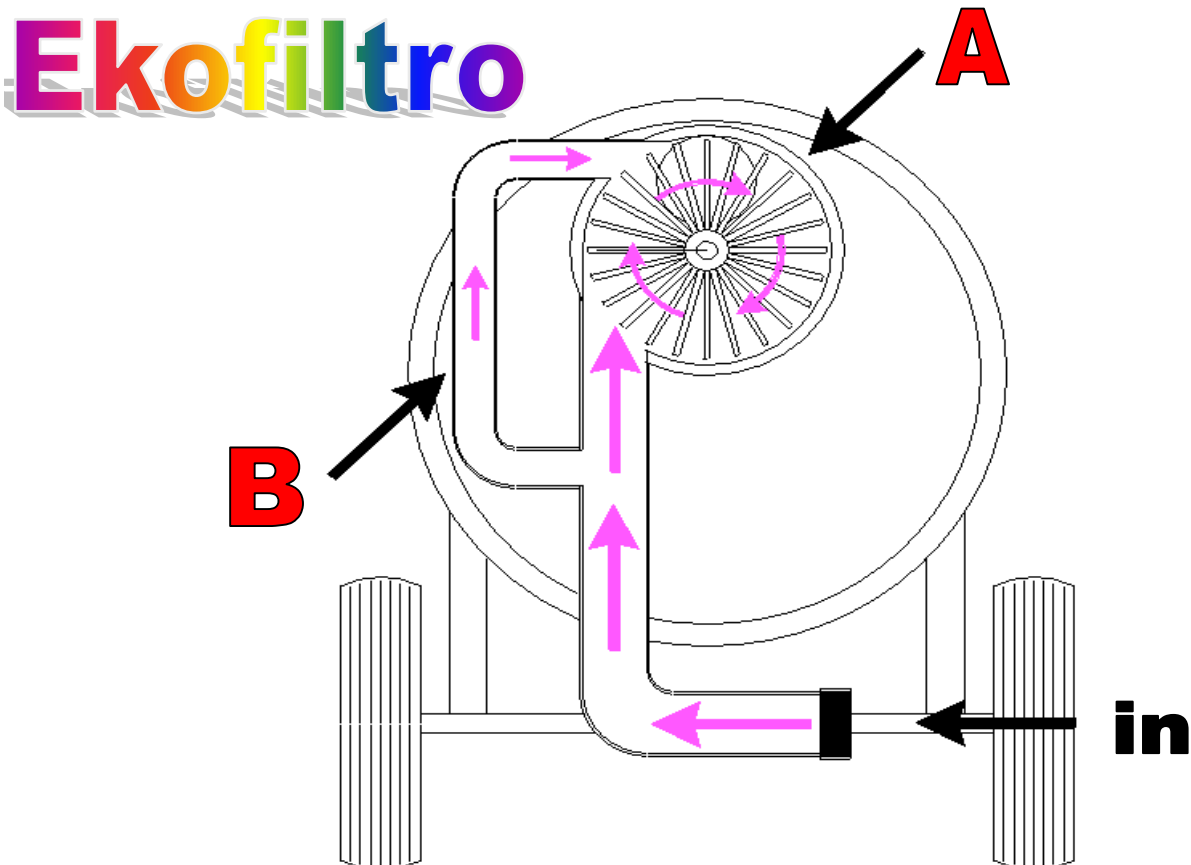
EKOFILTRO is the only innovative automatic self-cleaning screen filter working with the hydraulic turbine (A) . EKOFILTRO uses the water pressure to clean itself and doesn't need electricity or batteries for the working.

FRAME: hot galvanized tank
FILTERING UNIT: stainless steel AISI 304 and AISI 316
AVAILABLE CONNECTION: 3" thread + 3/8" threads for fertilizing systems
Ferrari M/F 80mm connection + 3/8" threads for fertilizing
Ferrari M/F 100mm connection + 3/8" threads for fertilizing

FILTERING GRADE: 120 - 140 Mesh 120 Micron
MINIMUM WORKING PRESSURE: 4 bar
MAXIMUM WORKING PRESSURE: 9 bar

MAX. FLOW RATE:

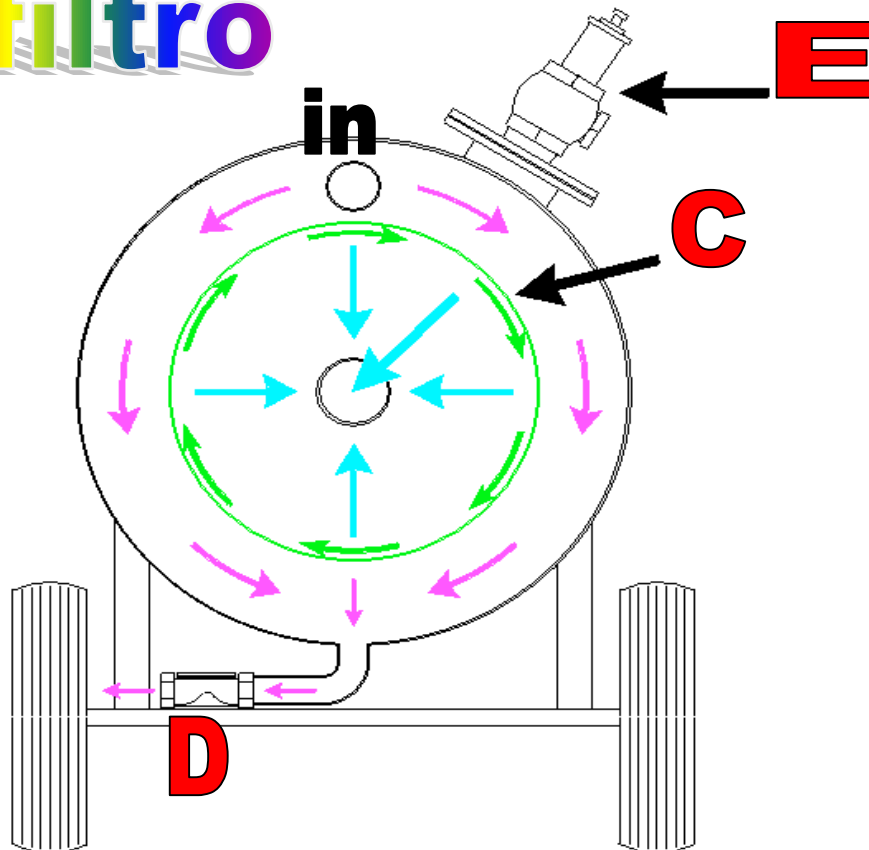
model	m3/h	gal/min.	lt/min.
EKO40	40	172	650
EKO60	60	264	1000
EKO80	80	357	1350
EKO100	100	449	1700





- A** The water entry creates a movement to the inside of the turbine during its passage.
- B** The by-pass valve regulates the water flow rate and speed.

Ekofiltro



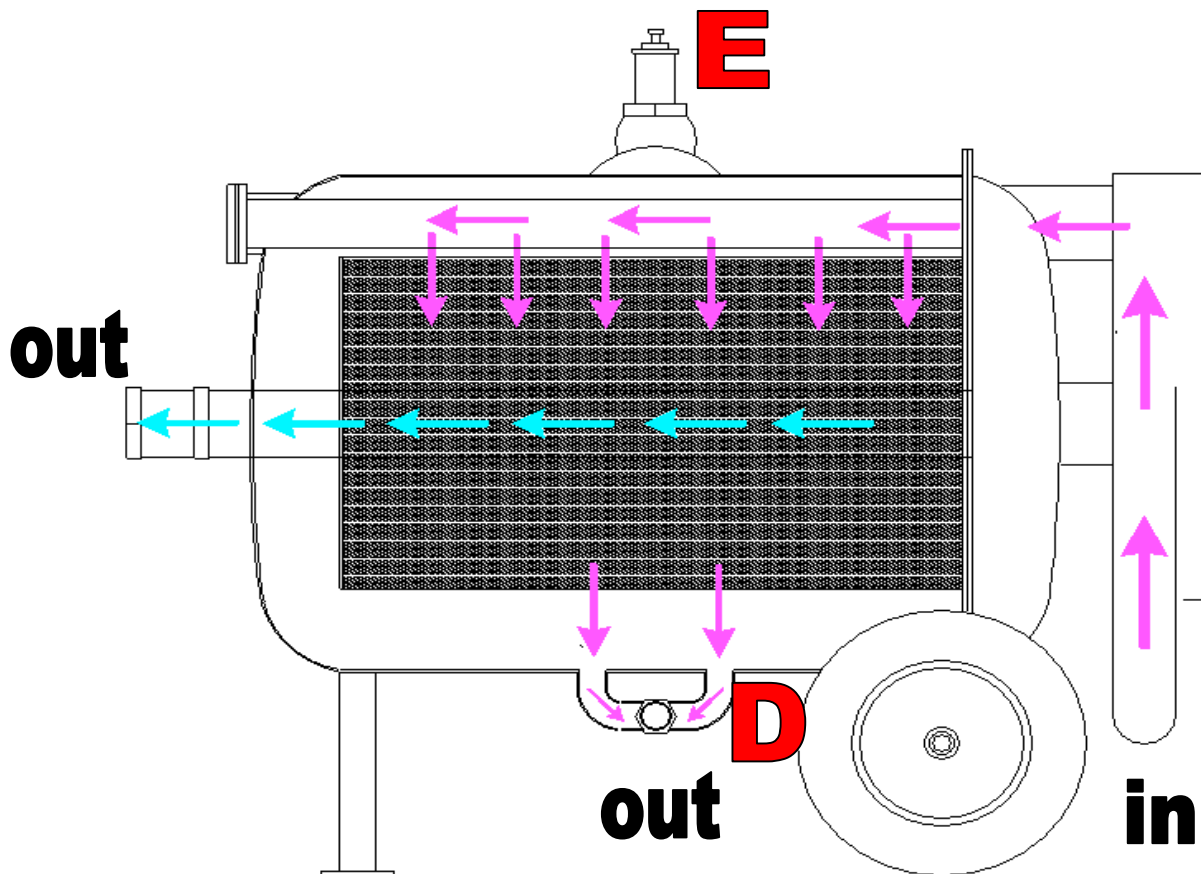
FILTERING

- C** The water power creates through the turbine the turning motion of the filtering screen inside the tank. The external surface of the screen stops the suspended impurities allowing to pass only the clean water. The screen is in stainless steel AISI 304 - 120 Micron.

BACKWASHING

The screen washing happens constantly during the filtration by an appropriate series of holes covering totally the surface during the rotation of the screen.

- D** The removal of the dirty one happens periodically by means of the appropriate valve (D). The inside backwashing of Ekofiltro is continuous. Noone water stopping during the the backwashing.
- E** The safety valve agrees a continuous check of the inside pressure to the tank and the operating for pressure increase.



- EKOFILTRO ADVANTAGES:**
- doesn't stop the water supply during the backwashing
 - doesn't reduce the water capacity during the backwashing
 - automatic removal of the dirty
 - automatic cleaning of the screen with water flow
 - the bigger filtration surface area in the automatic filters range
 - reduction of water waste

This filter is available especially for installations with water withdrawals from rives, lakes or channels.

DIMENSIONI: cm. 146 x 72 x 115
ft. 4,8 x 2,4 x 3,8
a x b x c

PESO: kg. 200
lbs. 440

