



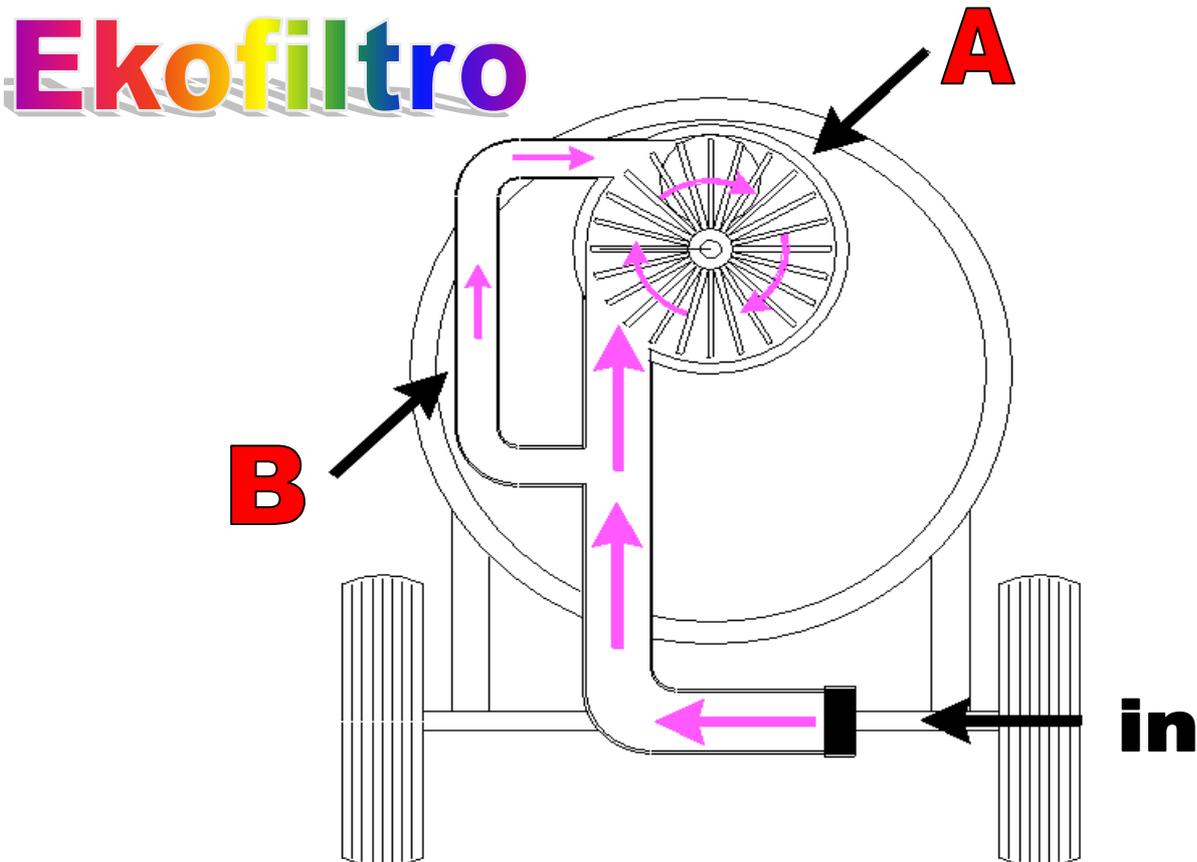
**EKOFILTRO is the only innovative automatic self-cleaning screen filter working with the hydraulic turbine (A) . EKOFILTRO uses the water pressure to clean itself and doesn't need electricity or batteries for the working.**

**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:**

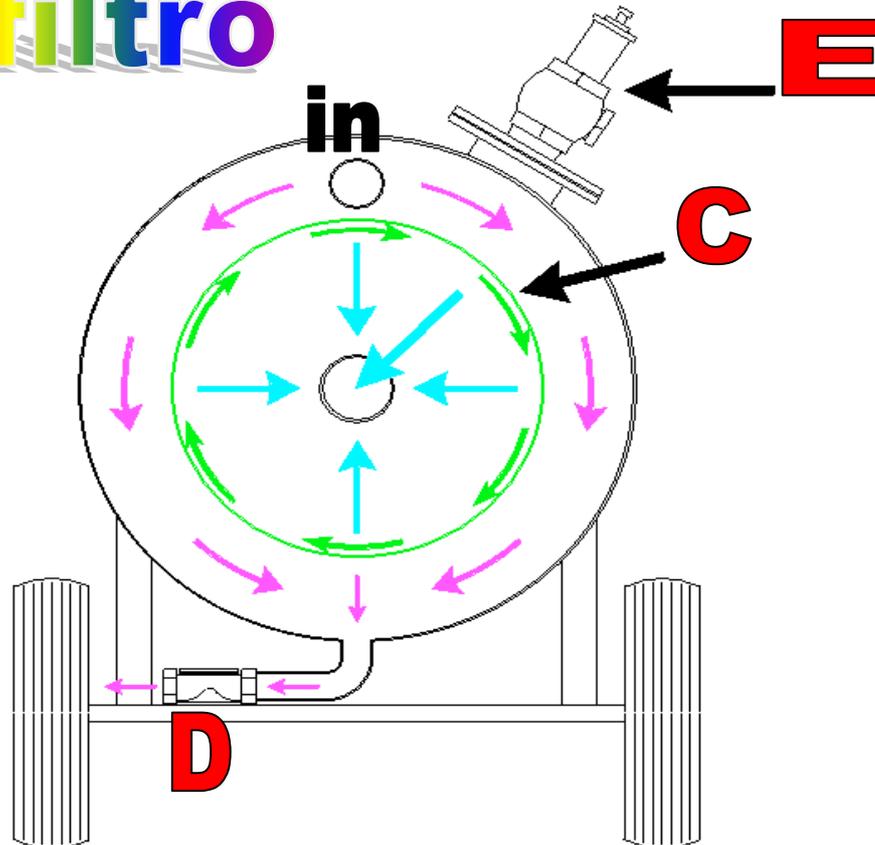
model	m3/h	gal/min.	lt/min.
<b>EKO40</b>	40	172	650
<b>EKO60</b>	60	264	1000
<b>EKO80</b>	80	357	1350
<b>EKO100</b>	100	449	1700





- 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



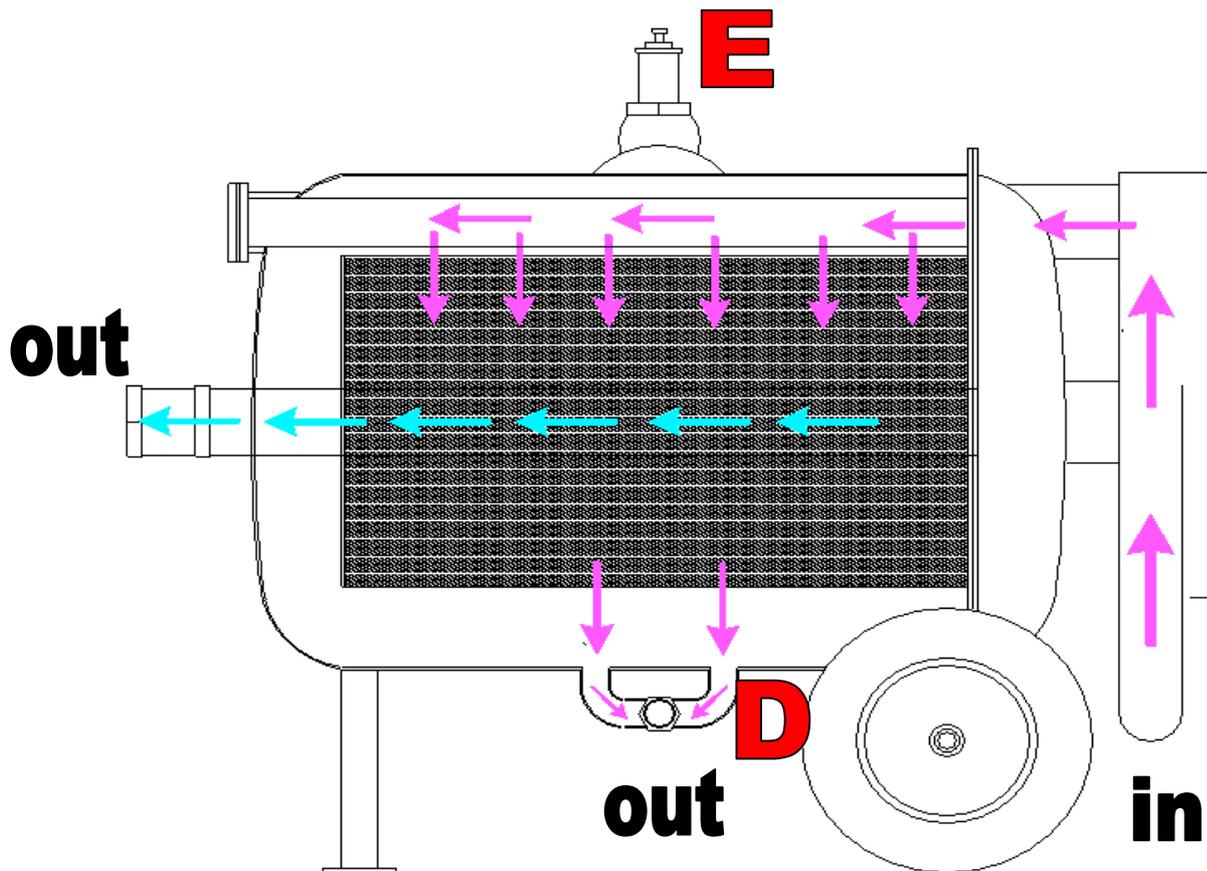
### **FILTERING**

- 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

