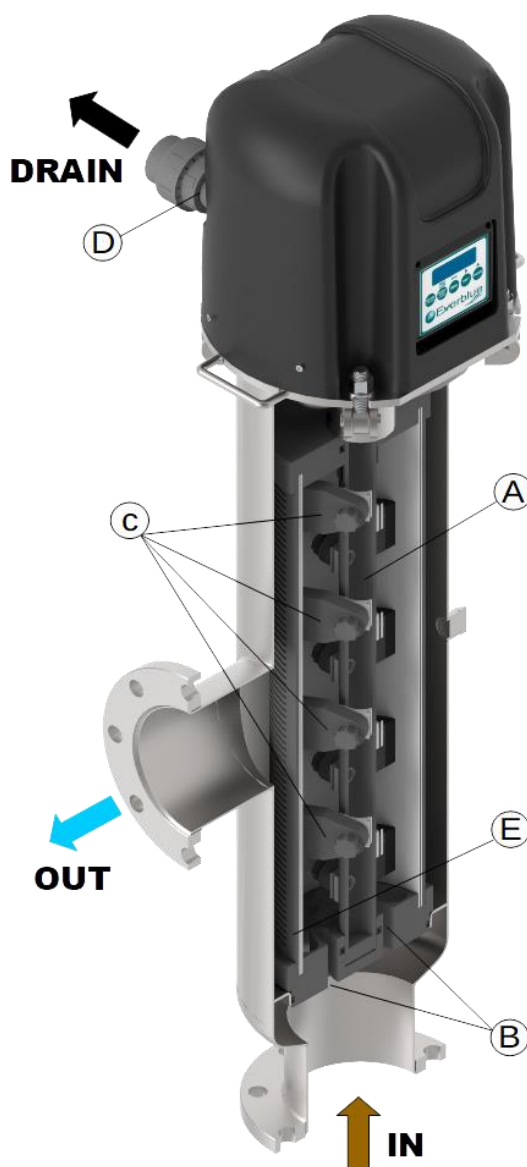


## OPERATION PRINCIPLES

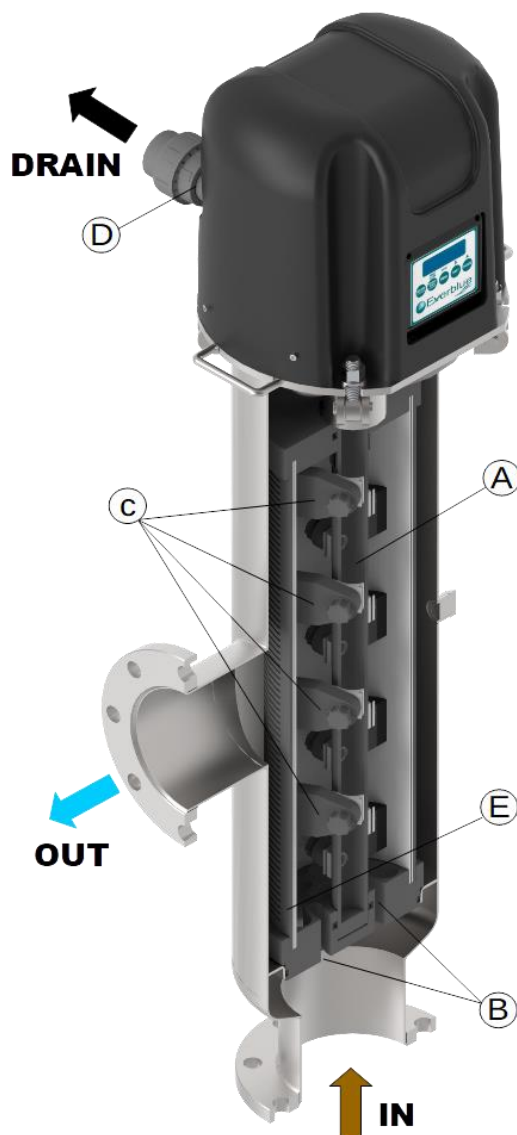
### FBK2000A SELF CLEANING FILTERS WITH SUCTION NOZZLES

#### WORK



Water enters the filter (IN) it goes through the tube (B) from the outside to the inside, then it is distributed inside the filtering mesh (E), which retains all suspended solids larger or equal to the degree of filtration installed. The filtered water leaves the filter (OUT).

## REGENERATION



The continuous settling of suspended solids inside the filtering mesh ( E ) form an impediment to the passage of water, which is manifested in a pressure difference ( $\Delta P$ ).

At a preset value of  $\Delta P$  (range 0,3÷1 Bar) the automatic filter cylinder cleaning cycle will start. This operation begins with a signal that opens the drain valve ( D ) and rotates the scanner ( C ) through the electric motor ( A ). Dirt is sucked up by the nozzles ( F ) and evacuated through the drain valve. The cleaning cycle lasts approximately 10 seconds.