

A MEMBRANE FILTER ELEMENT

ABSTRACT

A membrane filter element which comprises open-ended tubular or hollow fiber membranes, housed within and extending axially along the length of a horizontal tube with pottings arranged at least one end of the tube such that the membranes extend therethrough, the potting preventing axial of the membranes, and at least two conditions two conduits communicating with the exterior of the tube between the pottings, besides feeding the raw water to the outside of the membrane and removing the backwash water, the conduits can be used to feed air to the filter element and to remove air from it and air is added periodically to dislodge filtered material from the membranes and / or to remove the water containing the filtered material from the filter element.



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