

Watering down alcohol

Double-pass Reverse Osmosis 8m³/h

Applications

Reverse osmosis or even double-pass reverse osmosis is required by the main producers of the world's best-known spirits.

Besides its capacity to produce highly demineralised water of constant quality, reverse osmosis, due to its hyperfiltration principles, eliminates all matter in suspension, an important part of organic matter and the majority of all elements liable to create deposits, precipitate or degrade aromas.



Utilisation

Pre-treatment by automatic sand filter and water-softening followed by double-pass reverse osmosis 5 m³/h.



Photo 1

Photo 1 :

1st stage of osmosis with safety micro-filtration system.

Automatic filters in the background for suspended solids reduction with automatic clean by backwash.



Photo 2

Photo 2 :

2nd stage of osmosis with the water-softeners in the background.



Photo 3

Photos 3 & 4 :

Water is stored in stainless steel 316L tanks, protected by sterile events, and is only used after UV sterilisation.

UV sterilizers installed on the pump discharges make sure the water's sanitization before distribution.

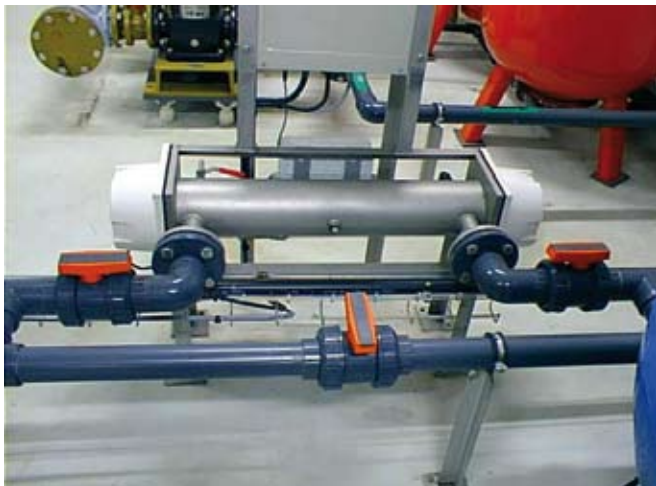


Photo 4



Photo 5

Photo 5 :

Custom-built automation enables the whole installation to be operated and keeps records of operations and traceability of product quality.



65, avenue Georges Politzer
78190 TRAPPES
FRANCE

Tel +33-1-30-16-26-46
Fax +33-1-30-50-26-50

e-mail: infos@epuro.fr
web site: www.epuro.fr