INTIMAC S.R.L.
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Sold LETZNER 2000 Liters

Images

Product details

Category:	Sold
Machine:	2000 Liters
Machine code:	LB164
Manufacturer:	LETZNER
Year of construction:	2006

Description

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Osmosis Letzner 2000 liters
LETZNER HPW Letzner highly pure water system Reverse Osmosis EDI
Year: 2006.
Production capacity of 2000 lt/h.
Machine description:
Machine for the for the production and distribution of Highly Purified Water (HPW).
The HPW is produced by means of the following preparation stages:
Pre-filtration;
UV treatment;
Softening;
Fine filtration;
Reverse osmosis with carbonic acid storage in readiness;
Membrane degassing;
Electro deionization;
Ultrafiltration.
The feed water used for the preparation corresponds to drinking water quality.
The output of the pharmaceutical water system is at least 2000 liters per hour.
The system is controlled by a central control cabinet.
Also included in the system is a visualization computer, which is built into the control cabinet.
During the standby phase, water is constantly circulated via the de-tanning system so that it is repeatedly routed through the UV system in the feed water inlet in order to reduce the risk of microbial contamination.
Temperature-controlled, the circulated soft water is replaced by fresh drinking water.
The UV treatment in front of the reverse osmosis membrane system serves to protect against microbial contamination.
HPW circulates its own production via the production plant for times when the system is fully operational. The de-icing unit circulates separately.
In addition, during the standby phases, the reverse osmosis system is charged with carbonic acid during the weekdays in order to obtain unfavorable conditions for microorganisms in the plant.
At the same time COr Dosage serves the jerking of possibly existing inorganic deposits (scaling) on the membranes.
The entire pharmaceutical water treatment plant can be sanitized with hot water.
The plant is sanitized with HPW from the ring which the plant itself has produced.
The water is brought to the desired temperature for the sanitation via DTS heat exchanger.
The sanitization is automatically controlled and monitored.
The generated HPW is required in an existing storage and distribution system.