BREMAG reverse osmosis system, type ROBA

configured for triple functions in swimming baths

- Maintaining chlorate guideline values in the pool water
- Preventing corrosion on stainless steel parts
- Cleaning without scale residues

Increased chlorate buildup can occur in chlorine bleach solution from original containers, but also from membrane-cell electrolysis, if it is left standing for a longer time, especially in warm technical rooms. Using disinfectants in water treatment can lead to an increased chlorate content in the pool water. This is where BREMAG reverse osmosis systems come in. Installed in the bypass, they reduce excessive chlorate concentration. The systems are mobile and feature a standardised adapter set, so they can be connected to various pool water circuits as required.

It is often necessary to adhere to a specific salt concentration in the pool water to avoid corrosion damage to stainless steel pools and fittings. To minimise freshwater costs for any required dilution water, a BREMAG reverse osmosis system can be used for continuous partial demineralisation.

The mobile system is also ideal in the pool building itself for generating service water for cleaning. The reverse osmosis produces soft, low-salt water. Using this water cuts cleaning agent consumption and results in shiny, streak-free tiles and glass panels without limescale deposits.

Technical data:

Output RO:	200 / 400 / 600 l/h
Output NF:	250 / 500 / 750 l/h
Recovery:	80 %
Electrical connection:	230 VAC, 0.55 / 1.1 / 1.1 kW
Dimensions (L x W x H)	600 x 650 x 1,650 mm
Salt retention (RO / NF):	99% (NaCl) / 97% (MgSO4)
Features:	PLC control, variable interface to the building control system 1 - 3 reverse osmosis module 4" Conductivity monitoring Antiscaling metering Limit value monitoring
Accessories:	Adapter set for connection to pool water circuit
Optional:	mobile version

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