

REVERSE OSMOSIS SYSTEMS DATASHEET

Reverse Osmosis (RO) technology works according to the separation of dissolved substances in water through semi permeable membranes. Through this system all salts, organic substances, micro pollution, pesticides, pyrogenic substances, viruses, bacteria, heavy metals and nitrate can be separated from water.

APPLICATION FIELDS

Medical – Deriving drinkable water from raw water – Water recycling – Obtaining drinkable water from sea water – Processes which needs low conductivity

OVERALL SPECIFICATIONS

Stainless steel frame – Cartridge type pre-filters – Entrance solenoid valve – Control panel – Operating temperature 2 - 30°C – Conductivity measurement – Product water and drained water flow meters – High and low pressure switches – FRP or stainless steel membrane covers – TFC type RO membranes – High pressure pump – Pressure setting valve – Dual water connection designed for RUMED / CSSD use.

OPTIONAL FEATURES

Anti-scaling dosing pump – Membrane washing system – AISI 316 L quality pressure pump – AISI 316 L quality piping system and various modifications are possible. Our systems can vary according to the various steam sterilizer system up on the customer need for any specifications.



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