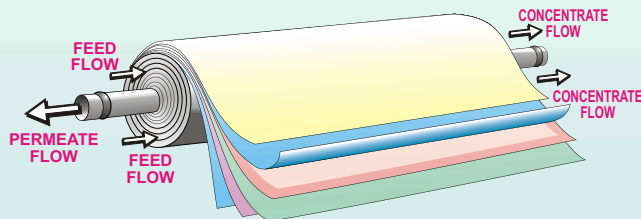




**TECN.**  
antipollution technologies **A.**

# REVERSE OSMOSIS SYSTEMS TO TREAT PRIMARY AND PROCESS WATERS



## APPLICATIONS OF REVERSE OSMOSIS

Reverse Osmosis' main application is in the PRIMARY WATERS DEIONIZATION of either tap water or groundwater.

Other Tec.n.A.'s industrial applications are:

- Treatment and recycle of wastewaters
- Ultrapure water production.



## TECN.A. AND REVERSE OSMOSIS

TECN.A. designs and manufactures reverse osmosis systems suitable for every type of application and capacity.

Before installation at our clients' facilities all systems are pre-mounted, tested and placed into service at our main factory in San Mauro T.se.



Double phase on permeate (detail)



RO 5 mc/h

graphic design: www.deipiano.com

## TECN.A.'S SYSTEMS CHARACTERISTICS

- All RO systems are pre-mounted on stainless steel skid
- The functioning is fully automatic, through PLC control
- Instruments measure and check the system's performances (pressure, flowrate and conductivity) and put it into alarm condition in case of failure
- All systems have their own chemical rinse system
- Tecna's RO systems are designed for high recovery (up to 85%).



RO 7 mc/h



RO 15 mc/h



RO 30 mc/h

## ADVANTAGES

Many are the Reverse Osmosis advantages, compared to the traditional demineralization with ion exchange resins:

- Low running costs
- No use of chemicals
- High reliability of the process
- Only ordinary maintenance needed.
- Total organic substances removal
- Removal of all micro-organisms (bacteriologically pure water).



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