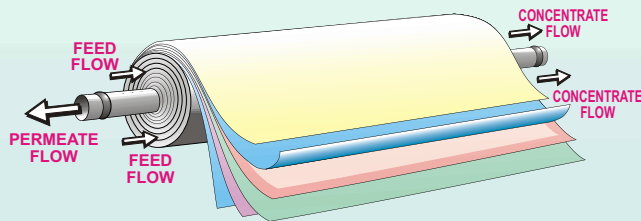




TECN.
antipollution technologies **A.**

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



RO 7 mc/h

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 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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