

# aqua 400

Aqua **STAR**®

## series reverse osmosis systems



Reverse osmosis process is the removal of dissolved solids from water by means of a semi permeable membrane.

Reverse osmosis most common way of purifying water for drinking or industrial purposes.

Main advantages of this process are :

- Easy operation and maintenance;
- Low chemical consumption;
- Low cost of operation;
- Reliable quality of treated water.

For the efficiency and reliability of the reverse osmosis system, raw water must be conditioned properly. Raw water should be pretreated for turbidity and bacteriological contamination, and chemically conditioned if necessary.

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## series reverse osmosis systems

### Standard Features

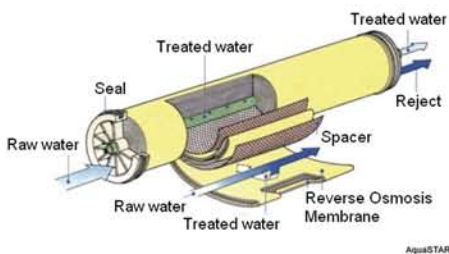
- TFC spiral, 4"-40" low energy membranes;
- FRP vessels;
- stainless steel skid;
- AISI 304 high pressure pump;
- conductivity meter;
- 1 micron pre-filter;
- inlet solenoid valve;
- low pressure switch;
- flowmeters;
- pressure gauges;
- PLC control unit;
- PN16 PVC piping;
- flushing system.

### Optional features

- AISI 316 high pressure pump.

### Main Fields of Application

- heating and cooling systems;
- textile industry;
- cosmetic industry;
- food industry;
- potabilisation sea water or brackish well water;
- electronic industry;
- glass industry;
- medical applications and hemodialysis;
- boiler feed water treatment;
- pharmaceutical industry;
- car washing;
- greenhouses.



400 SERIES REVERSE OSMOSIS SYSTEMS

Technical Data

MODEL	CAPACITY	MEMBRANES	POWER kw	DIMENSIONS (mm)
AQUA 410	5 m <sup>3</sup> /day	1	1,1	570x560x1600
AQUA 420	11 m <sup>3</sup> /day	2	1,5	570x560x1600
AQUA 430	17 m <sup>3</sup> /day	3	1,5	570x560x1600
AQUA 440	23 m <sup>3</sup> /day	4	1,5	620x710x1600
AQUA 450	30 m <sup>3</sup> /day	5	2,2	620x1380x1600
AQUA 460	35 m <sup>3</sup> /day	6	3	620x1380x1600
AQUA 470	40 m <sup>3</sup> /day	7	3	620x1380x1600
AQUA 480	45 m <sup>3</sup> /day	8	3	620x1380x1600

DEALER