

QUAD-RO REVERSE OSMOSIS SYSTEM

PROVEN SOURCE OF WATER FEED EQUIPMENT PROTECTION



**INCLUDED
TDS Meter**

WaterMark
AS 3497
Lic: 23066
**

- Simplified solutions
- Simplified service
- Reduce running cost
- Better tasting food
- Specifically designed for use with combi steamer ovens
- Eliminate scale
- Reduce mineral shards or salt
- Reduce energy consumption
- Total flexibility
- Total protection
- Optional pressure booster pump to increase the water output

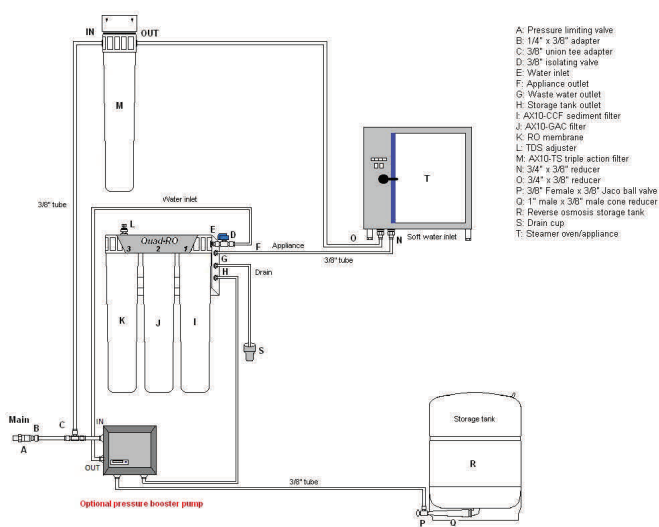


QUAD **RO** REVERSE OSMOSIS SYSTEM

REVERSE OSMOSIS PURIFICATION – PROTECTION

Reverse Osmosis (RO) is a water purification technique that reduces the quantity of total dissolved solids (TDS) in water. RO uses waterline pressure to push raw wastewater against a special semi-permeable membrane. It is essentially a molecular squeezing process which causes water molecules to separate from the contaminants. The separated water molecules then pass through to the inside of the membrane on to a holding reservoir. The contaminants are washed from the membrane and disposed.

RO has been used in treating boiler feedwater, in addition to industrial and process wastewaters. Boilers are found throughout the chemical processing industry and the primary method to treat boiler wastewater is an ion-exchange based de-mineralization process. However, RO has been demonstrated to be more cost effective than this demineralization process. ("Kucera, Jane". *Properly Apply Reverse Osmosis* [Chemical Engineering Progress](#).)



PROBLEM AND SOLUTIONS

High Total Dissolve Solid (TDS) in water includes lime-scale which can result in increased energy usage, regular costly service and repair.

Quad-RO removes up to 96% of the TDS in the water. High salt rejection membrane is the ideal environment for long term protection of your investment.



TDS Adjuster



Quick connect fittings



Optional pressure booster pump
26(L) cm x 20 (W) cm x 17 (H) cm
Transformer - 240/ 36 volts 2 Amp

FEATURES

- ▶ Sleek and compact stainless steel design.
- ▶ Snap on fittings and cartridges for quick installation and service.
- ▶ Scale inhibitor triple action system for the raw water inlet.
- ▶ Scale free water for steaming.
- ▶ TDS meter (included) can be used to help increase/decrease the conductivity of the RO water for various ovens' water requirement.
- ▶ High performance membrane to cater for highly demanding environment.
- ▶ All installation accessories are included.
- ▶ Optional pressure booster pump is now available to increase the water pressure hence increasing water output.

SPECIFICATION

MODEL	Min-max pressure	OUTPUT (L/ Day)	DIMENSION D x W x H (cm)	TANK CAPACITY Litre (H x Dia cm)	Installation
QUAD-RO	400kPa - 600kPa	750 (with 600kPa)	14.5 x 36 x 42	19 (43 x 26 cm) 40 (60 x 40 cm) 76 (80 x 40 cm) 96 (80 x 50 cm)	Comes with pressure limiting valve, oven fittings, tubes, & installation manual



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