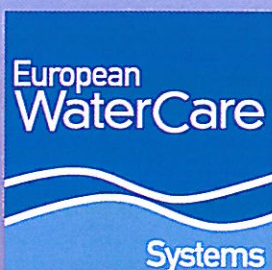
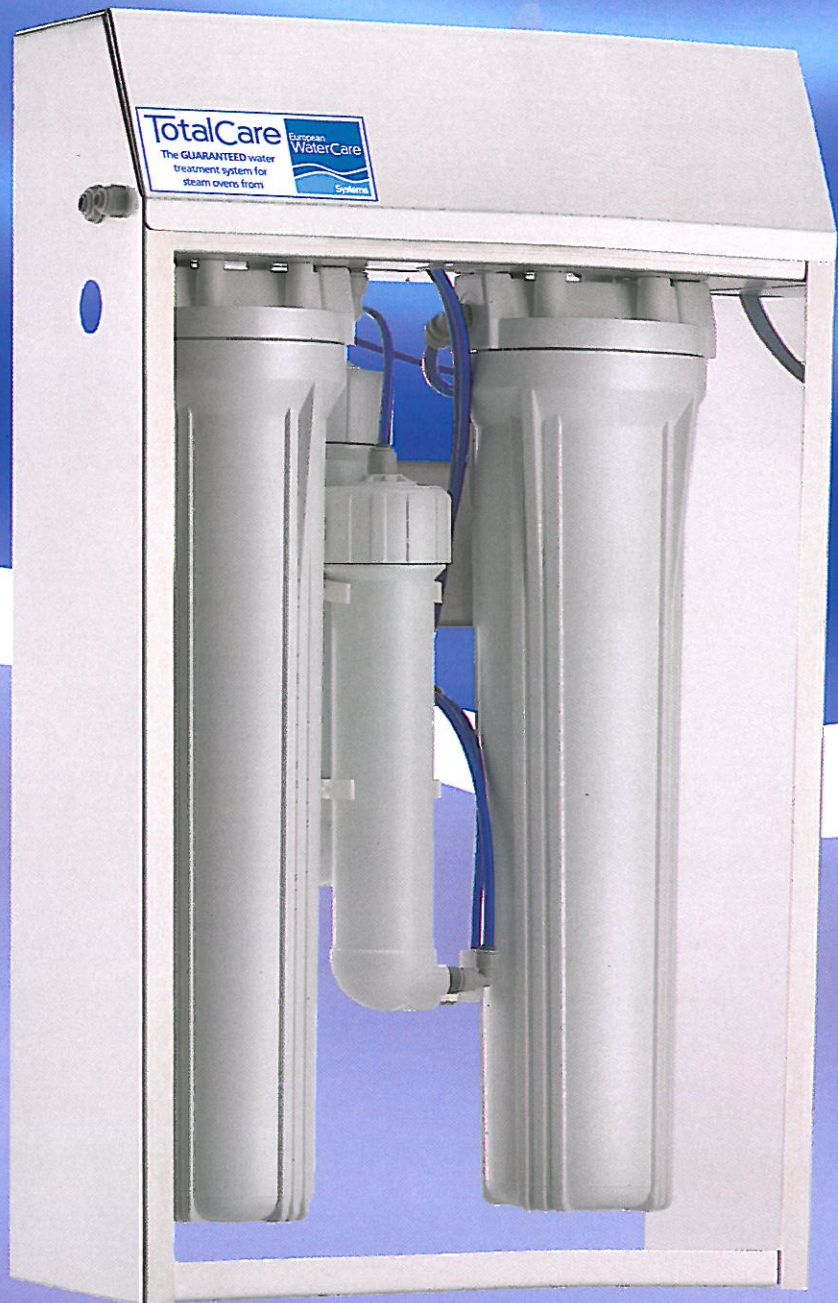


# TotalCare Reverse Osmosis Unit

Designed principally for use with steam ovens, the TotalCare Reverse Osmosis systems are also suitable for other applications requiring high purity water.



# TotalCare Reverse Osmosis treatment system

## Applications

For the treatment of water used in steam ovens or for other applications where a high purity of water is necessary to prevent scale and corrosion.

## Benefits

TotalCare purified water has many benefits including:

- prevents scale formation on metal surfaces
- prevents corrosion caused by water born chlorides
- lowers servicing costs
- reduces machines downtime
- increases equipment life
- guarantees against water related equipment failure

## Operation

Osmosis is the natural process by which plants and trees take up water and nutrients from the soil around their root systems. When solutions of different concentrations are separated by a semipermeable membrane - which only allow the passage of water and not the dissolved solids - water will naturally pass from the dilute solution to the more concentrated, in order to make the solution strengths equal. This process is called Osmosis. Reverse Osmosis is achieved by applying pressure to the more concentrated solution, then collecting the pure water which passes through the membrane. This 'permeate water' is virtually free of biological, chemical and dissolved organic substances.

## TotalCare 'Peace-of-mind'

For a single annual payment, European WaterCare will carry out all scheduled maintenance. This includes all parts and labour. Annual Maintenance Contract includes our 'Mineral Free' guarantee.

### TotalCare Gold

For a single annual payment, European WaterCare provide, install and maintain the TotalCare system. This even includes emergency breakdown cover. TotalCare Gold can be arranged over 2,3,4,5 or 6 years.

### Mineral Free Guarantee

Where the TotalCare system is covered by a maintenance plan or Gold contract, then European WaterCare guarantee the direct parts and labour costs of repairing any steam oven fault caused by dissolved minerals in the steam generator water supply.

### Warranty

All TotalCare systems are covered by a 12 month parts and labour warranty. Water quality can be guaranteed if the TotalCare system is sized, installed and commissioned by European WaterCare trained engineers.

### Standard Features

Stainless steel frame with standard top cover plate.

High rejection thin film membranes. typical rejection rate is 98%

Two 20" pre-treatment filters: 5 micron sediment and extruded carbon block.

Electrical shut off valve in event of water supply failure or clogged sediment filter

Low voltage, high flow booster pump with transformer.

Standard storage tank sizes of 8, 12.5 and 30 litre capacity. Other sizes available for special applications.

SPECIFICATION				
MODEL>	100	200	300	400
OUTPUT (litres/day)	350	700	1050	1500
NO. OF MEMBRANES	1	2	4	4
DIMENSIONS (mm)	760h x 415w x 200d		760h x 555w x 275d	
OPERATING WEIGHT	22kg		32.5kg	
ELECTRICAL SUPPLY	230v 50/60Hz 1ph 250 watts			
WATER SUPPLY	Cold mains/softened supply			
WATER PRESSURE	Min flowing 1.5bar: Max Static (non-shock) 6 bar			
WATER TEMPERATURE	5°c - 30°c			
SYSTEM MOUNTING	Wall Hung or Floor Standing.			
Notes:				
a. Quoted output is at water supply temperature of 25° C. Output decreases with decrease in water temperature.				
b. System output will depend on Feed Water quality, pressure, temperature. Storage tank air pressure setting will also affect system output.				
c. Storage tank capacity will depend on steam oven generator type and capacity.				
d. All services must be within 1 metre of intended system position.				