

# BWT PROFESSIONAL MO36000 4" REVERSE OSMOSIS SYSTEM



BWT reserves the right to amend the product's system architecture provided that its functionality and usability will not deteriorate

## PHYSICAL PARAMETERS

Influent water, concentrate, permeate	G 1"
Antiscalant dosing port	G 1/2"
Permeate flushing input port	G 1"
Raw water blending port	G 3/8"
Approx. weight (bare system / crate)	130 kg / 170 kg
Dimensions (bare system, W x D x H)	0.87 x 0.58 x 1.49 m
Dimensions (crate, W x D x H)	1.00 x 0.72 x 1.92 m

## PROFESSIONAL ECOSOFT MO36000 4" REVERSE OSMOSIS SYSTEM

Code	Product	Flow rate, L/h (GPH)	Membranes*	Pieces on pallet
125692218	MO36000TP5BWT RO System	1400-1600 (350-420)	6/40 x 40	1

\* Membranes are not included in the package

## APPLICATIONS

Steam boilers, heating and cooling circuits, breweries and beverage production, livestock and poultry farms, glazing factories, laundry and car wash, greenhouses etc.

## KEY FEATURES

- Controller OC5000
- Easy to use thanks to smart architecture
- Modularized architecture for adding permeate flushing or raw water blending assembly to the system
- Grundfos worldwide guaranty
- CE marked and confirmed to be safe in accordance with EC New Approach Directives

## EQUIPMENT:

- Grundfos® CM 3-14 pump
- 300 psi membrane housings
- BB20 sediment prefilter
- Electrical panel with Ecosoft controller
- Danfoss solenoid valves
- Piping, instrumentation
- Steel frame
- Wooden crate
- PP melt blown sediment filter, 5 micron

## OPTION:

- Filmtec™ XLE-4040 / LCLE-4040
- Dosing pump for antiscalant
- Versatile set for raw water blending (120...1080 L/h) or permeate flushing

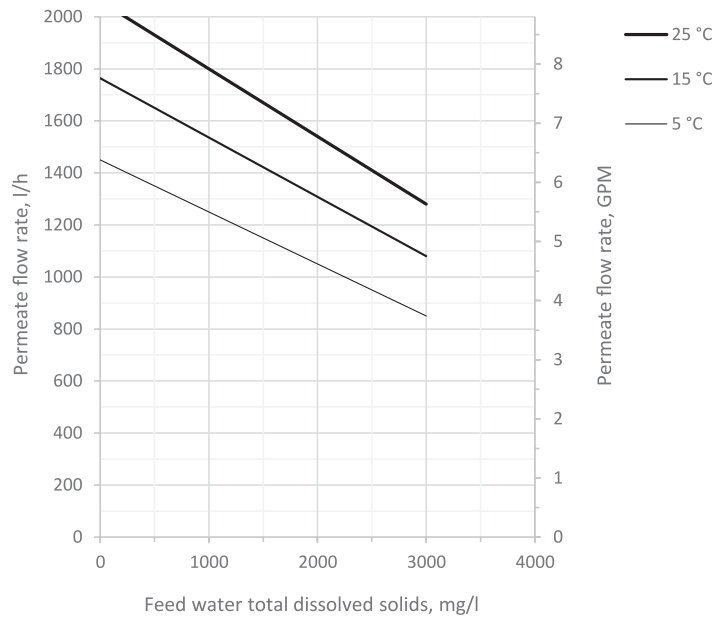
### TECHNICAL SPECIFICATION

Permeate capacity <sup>1</sup>	1500 L/h
Permeate recovery <sup>2</sup>	75%
Maximum TDS	3000 mg/L
Influent flow demand	2000...2500 L/h (service) 3000...4000 L/h (rinse)
Operating pressure	8...12 bar
Maximum pressure	14 bar
Electrical requirements	230 V, 50 Hz (1 ph)
Electrical power	1.9 kW
Pre-filter rating	5 µm

<sup>1</sup> depends on feed water TDS, temperature, and permeate recovery — see graph on the right

<sup>2</sup> for low scaling/fouling water

### BWT MO36000 FLOW CAPACITY (WITH XLE-4040 MEMBRANE)



Permeate flow rates are calculated under the following conditions:

- 2 bar influent water pressure
- 0 bar backpressure in the permeate line
- fresh membranes
- XLE-4040 membranes

## PIPES AND INSTRUMENTS DIAGRAM

