



Reverse Osmosis Systems **CK Series**

The CK Series reverse osmosis systems are a proven range of quality engineered units, designed to provide demineralised water 24 hours a day.

All models are fully automatic, and designed for efficient and reliable operation, with straight forward maintenance.

The main control panel incorporates a programmable micro-processor, which continuously monitors product water quality, and initiates the various plant sequences. Every plant is configured to each customers water quality needs.

- Proven operation in Catering, Building Services, Healthcare, Horticulture, Manufacturing and Pharmaceuticals
- Fully automatic with the latest in microprocessor control
- Efficient reliable operation and running costs
- Low maintainace costs

TECHNICAL DATA

Connections

Inlet: NW40/65/PVC50/75mm
 Outlet: NW40/65/PVC50/75mm
 Drain: NW50/PVC63mm

Required inlet pressure: 2-4 bar
 Feed water temperature: 5-25°C

Acceptable feed water quality

Conductivity: < 1500µS/cm
 Free chlorine: < 0.1mg/l
 Iron: < 0.1mg/l

Typical performance

Recovery: 75%
 Salt rejection: approx 98%

Electrical connections 400V 50Hz

Skid details

Material: Stainless Steel
 Width CK02-04: 1400mm
 Width CK05-16: 2800mm
 Depth CK02-10: 1000mm
 Depth CK12-16: 1400mm
 Height: 1700mm

Control unit

Microprocessor controller with integrated user interface. Continuous display of treated water conductivity, plant status and hours run.

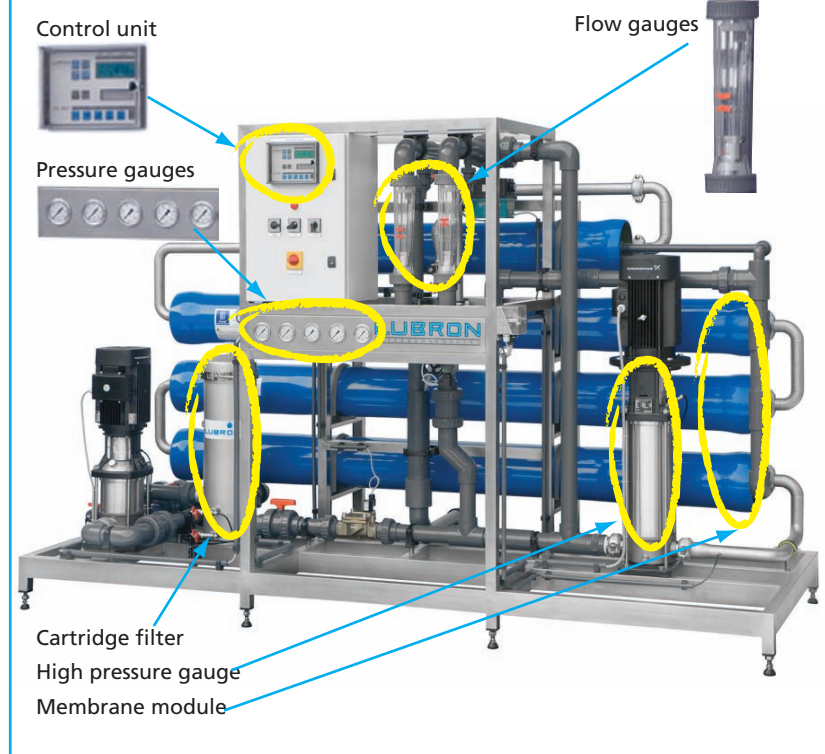
Fully programmable, 2-level alarm contacts, and input/output for level controls and ancillary equipment.

PRODUCT RANGE

Model	Capacity at 15°C		Required Inlet Flow* l/h at 2.4 bar	Electrical Power in kW	
	l/h	m ³ /day		Installed	Consumed
CK02.400	2200	52.8	2933	4.0	3.1
CK03.400	3300	79.2	4400	4.0	3.3
CK04.400	4200	100.8	5600	4.0	3.3
CK05.400	5500	132.0	7333	4.0	4.0
CK06.400	6400	153.6	8533	4.0	4.0
CK07.400	7700	184.8	10267	7.5	4.6
CK08.400	8500	204.0	11333	7.5	4.7
CK10.400	10300	247.2	13733	7.5	6.4
CK12.400	11800	283.2	15733	7.5	6.5
CK14.400	14600	350.4	19467	11.0	8.4
CK16.400	15700	376.8	20933	11.0	8.4

* At given capacity and recovery of 75%.

GENERAL ARRANGEMENT



OPTIONS

A full range of compatible options are available, including

- Water Softeners
- Permeate Storage Systems
- UV-disinfection
- Polishing for special requirements

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