



# Commercial Reverse Osmosis Systems

*Food & beverage*

*Cosmetics*

*Pharmaceutical*

*Electronics*

*Chemical Manufacture*

*Bottled water*

*Batteries*

*Cafeterias*

*Educational facilities*

*Food service*

*Grocery*

*Hotel/hospitality*

*Manufacturing Facilities*

*Laundry*

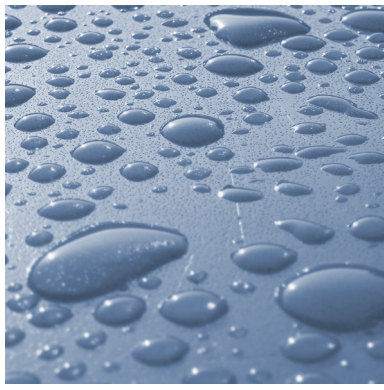
*Car washes*



## A-series Commercial Reverse Osmosis Systems

### Standard Features

- \* Thin Film Composite RO Membranes—Rejects significant amounts of dissolved minerals, as well as colloids, particles, organics and silica.\*
- \* Built to last—Epoxy coated steel frames and stainless steel components.
- \* Multi-Stage Centrifugal Pump & Motor System for optimum energy efficiency and quiet operation.
- \* Concentrate Recirculation—Saves water.
- \* Expandable Design—Serves water needs up to 60,000 lpd.
- \* Cartridge Prefiltration—Includes a replaceable 5-micron element that removes suspended particles to extend component life.
- \* Pressure Indicator—Displays system operating pressure.
- \* TDS indicator—Displays pure water quality.
- \* Flow meters—Display pure and waste water flow rates.



## A-series Commercial Reverse Osmosis Systems

### Why buy a CWC Reverse Osmosis System?

- \* We use only Hydranautics membranes, giving you the World's best recovery and rejection rates.
- \* With our unique process guarantee, you can rest assured that your RO system will meet your performance expectations.
- \* The parts and consumables you need are available locally, off-the-shelf.
- \* We don't Import cheap Chinese systems. Our units are built locally, specifically designed for optimum performance in African conditions.
- \* We are water treatment professionals. You don't just buy an excellent RO, you buy installation and maintenance expertise for the life of your system.
- \* We supply detailed operating instructions with each system, and we have 24-hour support available, anytime, anywhere.
- \* You'll be partnering with a company with over 30 years experience designing and manufacturing industrial water treatment systems.

### Options

- \* Pre-treatment option; includes multimedia sand filter, activated carbon filter, water softener and system feed pump.

All optional items are mounted on a steel frame for ease of installation.

### Warranty

CWC's A-series Reverse Osmosis systems are backed by a 1-year limited warranty against defects in material and workmanship. See printed warranty for details.

CWC will provide a copy of the warranty on request.

### Specifications

Model	Pure water flow*	Approximate recovery
A-146	768 lpd	50%
A-246	1536 lpd	50%
A-346	2304 lpd	60%
A-265	3360 lpd	60%
A-180	4800 lpd	60%
A-280	9600 lpd	75%
A-380	14400 lpd	75%
A-480	19200 lpd	75%
A-680	28800 lpd	75%
A-880	38400 lpd	75%
A-1080	48000 lpd	75%
A-1280	57600 lpd	75%

Inlet Pressure	200-400 kPa
Operating Pressure	600-1200 kPa
Power	220VAC or 380 V 3-phase
Operating Temperature	1-38°C
Maximum Turbidity	1 NTU
pH range	3-11
Maximum feed chlorine	0 ppm
Maximum feed TDS	1000 ppm
Maximum iron in feed	0.1 ppm

\*Approximate initial capacity based on properly pretreated feed water of 1000 ppm TDS as NaCl, 25°C, Silt Density Index below 3, and 10 bar applied pressure supplying water to atmosphere. Productivity will vary depending on the feed water conditions.