

Combo Ultra Filtration + Reverse Osmosis System

hydromaster



CLRO20



CLRO40



CLRO120



CLRO1500

Reduces:

- Dissolved heavy metals
- Dissolved chemicals
- Salts
- Arsenic
- Ionic impurities
- Organic impurities

Applications:

- Factories
- Aquaculture
- Food outlets
- Emergency/disaster relief efforts
- Rural communities

RO Membrane Configuration

Spiral-wound, FRP Wrapping

Type & Material

Thin Film Composite (TFC); Polyamide (PA), PAN, UF

Recovery

65 - 85%

Operating Temperature

< 40 C

Operating Pressure

< 10 bar

pH range

5 - 9 (Operating); 2 - 12 (CIP)

Standard Features

- Low Pressure RO membranes skid mounted
- Ultrafiltration (U850) PAN membranes skid mounted
- Microfiltration cartridges
- Feed and High Pressure Pumps
- Pressure Gauges, Flow Meters and Manual Valves
- PVC and/or S/S Piping
- Control Panel(s)
- Permeate TDS Meter

System Models

	CLRO20	CLRO40	CLR120	CLR1500
Electrical Power (system only)	230V/50Hz	400V/50Hz	400V/50Hz	400V/50Hz
Weight (kg)	220	350	550	5000
Length (m)	1.5	1.9	2.8	7.0
Width (m)	0.6	0.6	0.9	1.8
Height (m)	1.5	1.5	1.5	2.2
Maximum Productivity (m ³ /day)	20	40	120	1500
Feed water required (m ³ /day)	43.2	86.4	140-220	1680-2307