

# IMA CONCEPT

# Expert Water®

## COMMERCIAL REVERSE OSMOSIS CATALOGUE 2025 V1



[www.imaconcept.ro](http://www.imaconcept.ro)

office@imaconcept.ro

**Flow rate:** 250 l/h (66 gallons/ hour)

**Volume per day:** 6000 liters (1585 gpd)

### APPLICATIONS

\* ExpertWater Reverse Osmosis can be used in multiple range of water treatment processes as pharmaceutical, process water, rinse water, steam boilers, heating and cooling circuits, agriculture, desalination, food and beverages, automotive industry ( self service car wash), glass washing, cleaning - any application that need to use demineralised water.

\*It delivers demineralised water by reverse osmosis process. This means a reduction of up to 95-99% of water conductivity ( or TDS) and the result is a demineralized water . This means that from 100 ppm TDS after the reverse osmosis module we will remain with between 5 and 1 ppm depending on the water quality, ph and water temperature.

### TECHNICAL DATA - Model : EWRO 250

**Flow rate:** 250 l/h (66 gallons/ hour)

**Volume per day:** 6000 liters (1585 gpd)

**RO Membrane ( type / pcs):** 4040 / 1

**Salt Retention:** 95-99%

**Permeate recovery:** 50 - 75%

**Maximum TDS:** 1500 PPM

**Operating Pressure:** 6-12 bar

**Maximum Pressure:** 15 bar

**Electrical supply:** 230V - 50 Hz

**Power:** 0.75 kW

**Prefilter:** 5 microns

**Minimum water pressure supply:** 1.5 bar

**Water temperature:** 5-35 C

**Only free Chlorine inlet water**

### EQUIPMENT

- \* Osmotic membranes 4040 - **Included !**
- \* High Pressure Pump
- \* 4040 SS Membrane housings
- \* Mechanical Prefilter
- \* Solenoid valves
- \* Regulating Valves ( concentrate and recirculation )
- \* Stainless steel frame & panel
- \* Conductivity monitor
- \* Low pressure switch - to protect the system
- \* Permeate - Concentrate and Recirculation Flowmeter
- \* Recirculation function - reduce the drain water flow

### OPTIONS

- \* Raw water mixing line
- \* Controller ROC 8221

### CONNECTIONS

**Permeate** 1/2"

**Concentrate** 1/2"

**Inlet** 1/2"

**Dimensions:** L x l x H : 50 x 33 x 152 cm

**Weight :** 40 kg



**Flow rate:** 500 l/h (132 gallons/ hour)

**Volume per day:** 12000 liters (3170 gpd)

### APPLICATIONS

\* ExpertWater Reverse Osmosis can be used in multiple range of water treatment processes as pharmaceutical, process water, rinse water, steam boilers, heating and cooling circuits, agriculture, desalination, food and beverages, automotive industry ( self service car wash), glass washing, cleaning - any application that need to use demineralised water.

\*It delivers demineralised water by reverse osmosis process. This means a reduction of up to 95-99% of water conductivity ( or TDS) and the result is a demineralized water . This means that from 100 ppm TDS after the reverse osmosis module we will remain with between 5 and 1 ppm depending on the water quality, ph and water temperature.

### TECHNICAL DATA - Model : EWRO 500

**Flow rate:** 500 l/h (132 gallons/ hour)

**Volume per day:** 12000 liters (3170 gpd)

**RO Membrane ( type / pcs):** 4040 / 2

**Salt Retention:** 95-99%

**Permeate recovery:** 50 - 75%

**Maximum TDS:** 1500 PPM

**Operating Pressure:** 6-12 bar

**Maximum Pressure:** 15 bar

**Electrical supply:** 230V - 50 Hz

**Power:** 0.75 kW

**Prefilter:** 5 microns

**Minimum water pressure supply:** 1.5 bar

**Water temperature:** 5-35 C

**Only free Chlorine inlet water**

### EQUIPMENT

\* Osmotic membranes 4040 - **Included !**

\* High Pressure Pump

\* 4040 SS Membrane housings

\* Mechanical Prefilter

\* Solenoid valves

\* Regulating Valves ( concentrate and recirculation )

\* Stainless steel frame & panel

\* Conductivity monitor

\* Low pressure switch - to protect the system

\* Permeate - Concentrate and Recirculation Flowmeter

\* Recirculation function - reduce the drain water flow

### OPTIONS

\* Raw water mixing line

\* Controller ROC 8221

### CONNECTIONS

**Permeate** 1/2"

**Concentrate** 1/2"

**Inlet** 1/2"

**Dimensions:** L x l x H : 50 x 33 x 152 cm

**Weight :** 50 kg



**Flow rate:** 750 l/h (200 gallons/ hour)

**Volume per day:** 18000 liters (4800 gpd)

### APPLICATIONS

\* ExpertWater Reverse Osmosis can be used in multiple range of water treatment processes as pharmaceutical, process water, rinse water, steam boilers, heating and cooling circuits, agriculture, desalination, food and beverages, automotive industry ( self service car wash), glass washing, cleaning - any application that need to use demineralised water.

\*It delivers demineralised water by reverse osmosis process. This means a reduction of up to 95-99% of water conductivity ( or TDS) and the result is a demineralized water . This means that from 100 ppm TDS after the reverse osmosis module we will remain with between 5 and 1 ppm depending on the water quality, ph and water temperature.

### TECHNICAL DATA - Model : EWRO 750

**Flow rate:** 750 l/h (200 gallons/ hour)

**Volume per day:** 18000 liters (4800 gpd)

**RO Membrane ( type / pcs):** 4040 / 3

**Salt Retention:** 95-99%

**Permeate recovery:** 50 - 75%

**Maximum TDS:** 1500 PPM

**Operating Pressure:** 6-12 bar

**Maximum Pressure:** 15 bar

**Electrical supply:** 230V - 50 Hz (or 380V )

**Power:** 1.5 kW

**Prefilter:** 5 microns

**Minimum water pressure supply:** 1.5 bar

**Water temperature:** 5-35 C

**Only free Chlorine inlet water**

### EQUIPMENT

\* Osmotic membranes 4040 - **Included !**

\* High Pressure Pump

\* 4040 SS Membrane housings

\* Mechanical Prefilter

\* Solenoid valves

\* Regulating Valves ( concentrate and recirculat

\* Stainless steel frame & panel

\* Conductivity monitor

\* Low pressure switch - to protect the system

\* Permeate - Concentrate and Recirculation Fl

\* Recirculation function - reduce the drain water

### OPTIONS

\* Raw water mixing line

\* Controller ROC 8221

### CONNECTIONS

**Permeate** 1/2"

**Concentrate** 1/2"

**Inlet** 1"

**Dimensions:** L x l x H : 70 x 52 x 152 cm

**Weight :** 80 kg



**Flow rate:** 1000 l/h (266 gallons/ hour)

**Volume per day:** 24000 liters (6400 gpd)

### APPLICATIONS

\* ExpertWater Reverse Osmosis can be used in multiple range of water treatment processes as pharmaceutical, process water, rinse water, steam boilers, heating and cooling circuits, agriculture, desalination, food and beverages, automotive industry ( self service car wash), glass washing, cleaning - any application that need to use demineralised water.

\*It delivers demineralised water by reverse osmosis process. This means a reduction of up to 95-99% of water conductivity ( or TDS) and the result is a demineralized water . This means that from 100 ppm TDS after the reverse osmosis module we will remain with between 5 and 1 ppm depending on the water quality, ph and water temperature.

### TECHNICAL DATA - Model : EWRO 1000

**Flow rate:** 1000 l/h (266 gallons/ hour)

**Volume per day:** 24000 liters (6400 gpd)

**RO Membrane ( type / pcs):** 4040 / 4

**Salt Retention:** 95-99%

**Permeate recovery:** 50 - 75%

**Maximum TDS:** 1500 PPM

**Operating Pressure:** 6-12 bar

**Maximum Pressure:** 15 bar

**Electrical supply:** 230V - 50 Hz (or 380V )

**Power:** 1.5 kW

**Prefilter:** 5 microns

**Minimum water pressure supply:** 1.5 bar

**Water temperature:** 5-35 C

**Only free Chlorine inlet water**

### EQUIPMENT

\* Osmotic membranes 4040 - **Included !**

\* High Pressure Pump

\* 4040 SS Membrane housings

\* Mechanical Prefilter

\* Solenoid valves

\* Regulating Valves ( concentrate and recirculat

\* Stainless steel frame & panel

\* Conductivity monitor

\* Low pressure switch - to protect the system

\* Permeate - Concentrate and Recirculation Flc

\* Recirculation function - reduce the drain water

### OPTIONS

\* Raw water mixing line

\* Controller ROC 8221

### CONNECTIONS

**Permeate** 1/2"

**Concentrate** 1/2"

**Inlet** 1"

**Dimensions:** L x l x H : 70 x 52 x 152 cm

**Weight :** 89 kg



**Flow rate:** 1250 l/h (333 gallons/ hour)

**Volume per day:** 30000 liters (8000 gpd)

### APPLICATIONS

\* ExpertWater Reverse Osmosis can be used in multiple range of water treatment processes as pharmaceutical, process water, rinse water, steam boilers, heating and cooling circuits, agriculture, desalination, food and beverages, automotive industry ( self service car wash), glass washing, cleaning - any application that need to use demineralised water.

\*It delivers demineralised water by reverse osmosis process. This means a reduction of up to 95-99% of water conductivity ( or TDS) and the result is a demineralized water . This means that from 100 ppm TDS after the reverse osmosis module we will remain with between 5 and 1 ppm depending on the water quality, ph and water temperature.

### TECHNICAL DATA - Model : EWRO 1250

**Flow rate:** 1250 l/h (333 gallons/ hour)

**Volume per day:** 30000 liters (8000 gpd)

**RO Membrane ( type / pcs):** 4040 / 5

**Salt Retention:** 95-99%

**Permeate recovery:** 50 - 75%

**Maximum TDS:** 1500 PPM

**Operating Pressure:** 6-12 bar

**Maximum Pressure:** 15 bar

**Electrical supply:** 380V

**Power:** 2.2 kW

**Prefilter:** 5 microns

**Minimum water pressure supply:** 1.5 bar

**Water temperature:** 5-35 C

**Only free Chlorine inlet water**

### EQUIPMENT

\* Osmotic membranes 4040 - **Included !**

\* High Pressure Pump

\* 4040 SS Membrane housings

\* Mechanical Prefilter

\* Solenoid valves

\* Regulating Valves ( concentrate and recirculat

\* Stainless steel frame & panel

\* Conductivity monitor

\* Low pressure switch - to protect the system

\* Permeate - Concentrate and Recirculation Fl

\* Recirculation function - reduce the drain water

### OPTIONS

\* Raw water mixing line

\* Controller ROC 8221

### CONNECTIONS

**Permeate** 1/2"

**Concentrate** 1/2"

**Inlet** 1"

**Dimensions:** L x l x H : 70 x 52 x 152 cm

On demand can be built also  
with 8040 membranes !



**Flow rate:** 1500 l/h (396 gallons/ hour)

**Volume per day:** 36000 liters (9523 gpd)

### APPLICATIONS

\* ExpertWater Reverse Osmosis can be used in multiple range of water treatment processes as pharmaceutical, process water, rinse water, steam boilers, heating and cooling circuits, agriculture, desalination, food and beverages, automotive industry ( self service car wash), glass washing, cleaning - any application that need to use demineralised water.

\*It delivers demineralised water by reverse osmosis process. This means a reduction of up to 95-99% of water conductivity ( or TDS) and the result is a demineralized water . This means that from 100 ppm TDS after the reverse osmosis module we will remain with between 5 and 1 ppm depending on the water quality, ph and water temperature.

### TECHNICAL DATA - Model : EWRO 1500

**Flow rate:** 1500 l/h (396 gallons/ hour)

**Volume per day:** 36000 liters ( 36 cm )(9523 gpd)

**RO Membrane ( type / pcs):** 4040 / 6

**Salt Retention:** 95-99%

**Permeate recovery:** 50 - 75%

**Maximum TDS:** 1500 PPM

**Operating Pressure:** 6-12 bar

**Maximum Pressure:** 15 bar

**Electrical supply:** 380 V

**Power:** 3 kW

**Prefilter:** 5 microns

**Minimum water pressure supply:** 1.5 bar

**Water temperature:** 5-35 C

**Only free Chlorine inlet water**

### EQUIPMENT

\* Osmotic membranes 4040 - **Included !**

\* High Pressure Pump

\* 4040 SS Membrane housings

\* Mechanical Prefilter

\* Solenoid valves

\* Regulating Valves ( concentrate and recirculation )

\* Stainless steel frame & panel

\* Conductivity monitor

\* Low pressure switch - to protect the system

\* Permeate - Concentrate and Recirculation Flowmeter

\* Recirculation function - reduce the drain water flow

### OPTIONS

\* Raw water mixing line

\* Controller ROC 8221

### CONNECTIONS

**Permeate** 3/4"

**Concentrate** 3/4"

**Inlet** 1"

**Dimensions:** L x l x H : 70 x 52 x 240 cm

The assembly with the horizontal membrane cases also available



**Flow rate:** 2000 l/h (530 gallons/ hour)

**Volume per day:** 48000 liters (12698 gpd)

### APPLICATIONS

\* ExpertWater Reverse Osmosis can be used in multiple range of water treatment processes as pharmaceutical, process water, rinse water, steam boilers, heating and cooling circuits, agriculture, desalination, food and beverages, automotive industry ( self service car wash), glass washing, cleaning - any application that need to use demineralised water.

\*It delivers demineralised water by reverse osmosis process. This means a reduction of up to 95-99% of water conductivity ( or TDS) and the result is a demineralized water . This means that from 100 ppm TDS after the reverse osmosis module we will remain with between 5 and 1 ppm depending on the water quality, ph and water temperature.

### TECHNICAL DATA - Model : EWRO 2000

**Flow rate:** 2000 l/h (530 gallons/ hour)

**Volume per day:** 48000 liters ( 48 cm) (12698 gpd)

**RO Membrane ( type / pcs):** 4040 / 8

**Salt Retention:** 95-99%

**Permeate recovery:** 50 - 75%

**Maximum TDS:** 1500 PPM

**Operating Pressure:** 6-12 bar

**Maximum Pressure:** 15 bar

**Electrical supply:** 380 V

**Power:** 3 kW

**Prefilter:** 5 microns

**Minimum water pressure supply:** 1.5 bar

**Water temperature:** 5-35 C

**Only free Chlorine inlet water**

### EQUIPMENT

\* Osmotic membranes 4040 - **Included !**

\* High Pressure Pump

\* 4040 SS Membrane housings

\* Mechanical Prefilter

\* Solenoid valves

\* Regulating Valves ( concentrate and recirculation )

\* Stainless steel frame & panel

\* Conductivity monitor

\* Low pressure switch - to protect the system

\* Permeate - Concentrate and Recirculation Flowmeter

\* Recirculation function - reduce the drain water flow

### OPTIONS

\* Raw water mixing line

\* Controller ROC 8221

### CONNECTIONS

**Permeate** 3/4"

**Concentrate** 3/4"

**Inlet** 1"

**Dimensions:** L x l x H : 70 x 52 x 240 cm

The assembly with the horizontal membrane cases also available





**Flow rate:** 2500 l/h (661 gallons/ hour)

**Volume per day:** 60000 liters (15873 gpd)

### APPLICATIONS

\* ExpertWater Reverse Osmosis can be used in multiple range of water treatment processes as pharmaceutical, process water, rinse water, steam boilers, heating and cooling circuits, agriculture, desalination, food and beverages, automotive industry ( self service car wash), glass washing, cleaning - any application that need to use demineralised water.

\*It delivers demineralised water by reverse osmosis process. This means a reduction of up to 95-99% of water conductivity ( or TDS) and the result is a demineralized water . This means that from 100 ppm TDS after the reverse osmosis module we will remain with between 5 and 1 ppm depending on the water quality, ph and water temperature.

### TECHNICAL DATA - Model : EWRO 2500

**Flow rate:** 2500 l/h (661 gallons/ hour)

**Volume per day:** 60000 ( 60 cm) liters (15873 gpd)

**RO Membrane ( type / pcs):** 4040 / 10

**Salt Retention:** 95-99%

**Permeate recovery:** 50 - 75%

**Maximum TDS:** 1500 PPM

**Operating Pressure:** 6-12 bar

**Maximum Pressure:** 15 bar

**Electrical supply:** 380V

**Power:** 4 kW

**Prefilter:** 5 microns

**Minimum water pressure supply:** 1.5 bar

**Water temperature:** 5-35 C

**Only free Chlorine inlet water**

### EQUIPMENT

\* Osmotic membranes 4040 - **Included !**

\* High Pressure Pump

\* 4040 SS Membrane housings

\* Mechanical Prefilter

\* Solenoid valves

\* Regulating Valves ( concentrate and recirculation )

\* Stainless steel frame & panel

\* Conductivity monitor

\* Low pressure switch - to protect the system

\* Permeate - Concentrate and Recirculation Flowmeter

\* Recirculation function - reduce the drain water flow

### OPTIONS

\* Raw water mixing line

\* Controller ROC 8221

### CONNECTIONS

**Permeate** 3/4"

**Concentrate** 3/4"

**Inlet** 1"

**Dimensions:** L x l x H : 70 x 52 x 240 cm

The assembly with the horizontal membrane cases also available

On demand also can be built with 8040 membranes !



**Flow rate:** 3000 l/h (800 gallons/ hour)

**Volume per day:** 72000 liters (19200 gpd)

### APPLICATIONS

\* ExpertWater Reverse Osmosis can be used in multiple range of water treatment processes as pharmaceutical, process water, rinse water, steam boilers, heating and cooling circuits, agriculture, desalination, food and beverages, automotive industry ( self service car wash), glass washing, cleaning - any application that need to use demineralised water.

\*It delivers demineralised water by reverse osmosis process. This means a reduction of up to 95-99% of water conductivity ( or TDS) and the result is a demineralized water . This means that from 100 ppm TDS after the reverse osmosis module we will remain with between 5 and 1 ppm depending on the water quality, ph and water temperature.

### TECHNICAL DATA - Model : EWRO 3000

**Flow rate:** 3000 l/h (800 gallons/ hour)

**Volume per day:** 72000 liters ( 72cm) (19200 gpd)

**RO Membrane ( type / pcs):**4040/12

**Salt Retention:** 95-99%

**Permeate recovery:** 50 - 75%

**Maximum TDS:** 1500 PPM

**Operating Pressure:** 6-12 bar

**Maximum Pressure:** 15 bar

**Electrical supply:** 380V

**Power:** 5.8 kW

**Prefilter:** 5 microns

**Minimum water pressure supply:** 1.5 bar

**Water temperature:** 5-35 C

**Only free Chlorine inlet water**

### EQUIPMENT

\* Osmotic membranes 4040 - **Included !**

\* High Pressure Pump

\* 4040 SS Membrane housings

\* Mechanical Prefilter

\* Solenoid valves

\* Regulating Valves ( concentrate and recirculation )

\* Controller ROC 8221

\* Low pressure switch - to protect the system

\* Permeate - Concentrate and Recirculation Flowmeter

\* Recirculation function - reduce the drain water flow

### OPTIONS

\* Raw water mixing line

\*CIP connections

### CONNECTIONS

**Permeate** 1"

**Concentrate** 1"

**Inlet** 1 1/2"

**Dimensions:** L x l x H : 70 x 52 x 240 cm

The assembly with the horizontal membrane cases also available

On demand also can be built with 8040 membranes !



**Flow rate:** 4300 l/h (1147 gallons/ hour)

**Volume per day:** 103200 liters (27500 gpd)

### APPLICATIONS

\* ExpertWater Reverse Osmosis can be used in multiple range of water treatment processes as pharmaceutical, process water, rinse water, steam boilers, heating and cooling circuits, agriculture, desalination, food and beverages, automotive industry ( self service car wash), glass washing, cleaning - any application that need to use demineralised water.

\*It delivers demineralised water by reverse osmosis process. This means a reduction of up to 95-99% of water conductivity ( or TDS) and the result is a demineralized water . This means that from 100 ppm TDS after the reverse osmosis module we will remain with between 5 and 1 ppm depending on the water quality, ph and water temperature.

### TECHNICAL DATA - Model : EWRO 4300

**Flow rate:** 4300 l/h (1147 gallons/ hour)

**Volume per day:** 103200 liters ( 103.2 cm) (27500 gpd)

**RO Membrane ( type / pcs):** 8040 / 3

**Salt Retention:** 95-99%

**Permeate recovery:** 50 - 75%

**Maximum TDS:** 1500 PPM

**Operating Pressure:** 6-12 bar

**Maximum Pressure:** 15 bar

**Electrical supply:** 380V

**Power:** 5.8 kW

**Prefilter:** 5 microns

**Minimum water pressure supply:** 1.5 bar

**Water temperature:** 5-35 C

**Only free Chlorine inlet water**

**Dimensions:** L x l x H : 700x550x1500

### EQUIPMENT

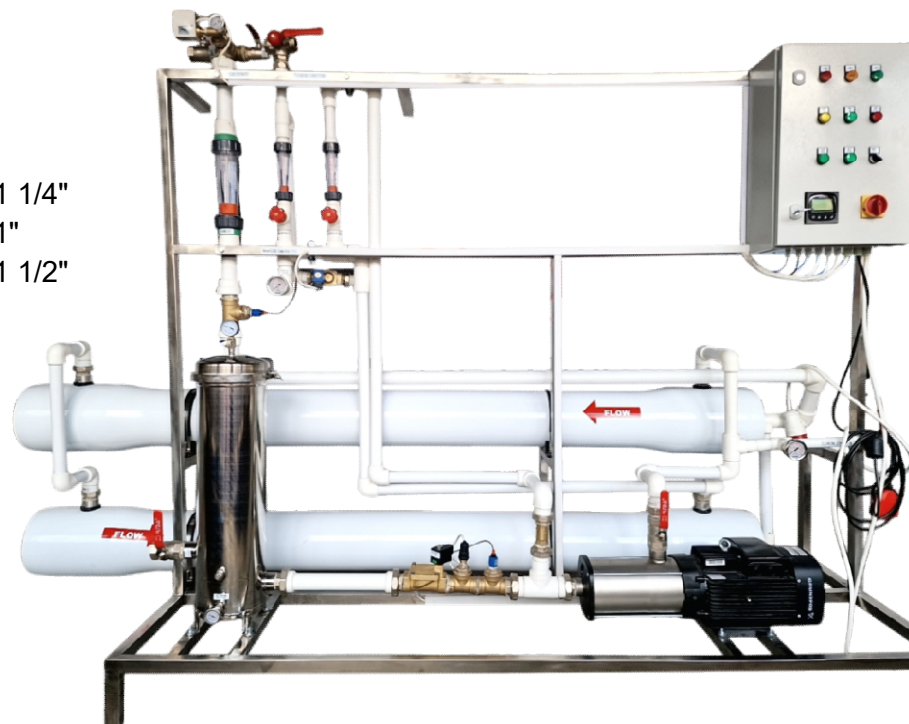
- \* Osmotic membranes 8040 - **Included !**
- \* High Pressure Pump
- \* 8040 FRP Membrane housings
- \* Mechanical Prefilter
- \* Solenoid valves
- \* Regulating Valves ( concentrate and recirculation )
- \* Controller ROC 8221
- \* Low pressure switch - to protect the system
- \* Permeate - Concentrate and Recirculation Flowmeter
- \* Recirculation function - reduce the drain water flow

### OPTIONS

- \* Raw water mixing line
- \*CIP connections

### CONNECTIONS

<b>Permeate</b>	1 1/4"
<b>Concentrate</b>	1"
<b>Inlet</b>	1 1/2"



**Flow rate:** 5400 l/h (1440 gallons/ hour)  
**Volume per day:** 129600 liters (34285 gpd)

### APPLICATIONS

\* ExpertWater Reverse Osmosis can be used in multiple range of water treatment processes as pharmaceutical, process water, rinse water, steam boilers, heating and cooling circuits, agriculture, desalination, food and beverages, automotive industry ( self service car wash), glass washing, cleaning - any application that need to use demineralised water.

\*It delivers demineralised water by reverse osmosis process. This means a reduction of up to 95-99% of water conductivity ( or TDS) and the result is a demineralized water . This means that from 100 ppm TDS after the reverse osmosis module we will remain with between 5 and 1 ppm depending on the water quality, ph and water temperature.

### TECHNICAL DATA - Model : EWRO 5400

**Flow rate:** 5400 l/h (1440 gallons/ hour)  
**Volume per day:** 129600 liters ( 129.6 cm) (34285 gpd)  
**RO Membrane ( type / pcs):** 8040 / 4  
**Salt Retention:** 95-99%  
**Permeate recovery:** 50 - 75%  
**Maximum TDS:** 1500 PPM  
**Operating Pressure:** 6-12 bar  
**Maximum Pressure:** 15 bar  
**Electrical supply:** 380 V  
**Power:** 5.5 kW  
**Prefilter:** 5 microns  
**Minimum water pressure supply:** 1.5 bar  
**Water temperature:** 5-35 C  
**Only free Chlorine inlet water**

### EQUIPMENT

- \* Osmotic membranes 8040 - **Included !**
- \* High Pressure Pump
- \* 8040 SS Membrane housings
- \* Mechanical Prefilter
- \* Solenoid valves
- \* Regulating Valves ( concentrate and recirculation )
- \* Stainless steel frame & panel
- \* Low pressure switch - to protect the system
- \* Permeate - Concentrate and Recirculation Flowmeter
- \* Recirculation function - reduce the drain water flow
- \* Controller ROC 8221

### OPTIONS

- \* Raw water mixing line

### CONNECTIONS

**Permeate** 1 1/4"  
**Concentrate** 1"  
**Inlet** 1 1/2"



**Dimensions:** L x l x H : 2700 x 820 x 1950 cm

**READY TO USE - ALREADY TESTED - RO SYSTEM**

**Flow rate:** 7000 l/h (1867 gallons/ hour)

**Volume per day:** 168000 liters (44800 gpd)

### APPLICATIONS

\* ExpertWater Reverse Osmosis can be used in multiple range of water treatment processes as pharmaceutical, process water, rinse water, steam boilers, heating and cooling circuits, agriculture, desalination, food and beverages, automotive industry ( self service car wash), glass washing, cleaning - any application that need to use demineralised water.

\*It delivers demineralised water by reverse osmosis process. This means a reduction of up to 95-99% of water conductivity ( or TDS) and the result is a demineralized water . This means that from 100 ppm TDS after the reverse osmosis module we will remain with between 5 and 1 ppm depending on the water quality, ph and water temperature.

### TECHNICAL DATA - Model : EWRO 7000

**Flow rate:** 7000 l/h (1867 gallons/ hour)

**Volume per day:** 168000 liters ( 168 cm ) (44800 gpd)

**RO Membrane ( type / pcs):** 8040 / 5

**Salt Retention:** 95-99%

**Permeate recovery:** 50 - 75%

**Maximum TDS:** 1500 PPM

**Operating Pressure:** 6-12 bar

**Maximum Pressure:** 15 bar

**Electrical supply:** 380 V

**Power:** 5.8 kW

**Prefilter:** 5 microns

**Minimum water pressure supply:** 1.5 bar

**Water temperature:** 5-35 C

**Only free Chlorine inlet water**

### EQUIPMENT

\* Osmotic membranes 8040 - **Included !**

\* High Pressure Pump

\* 8040 SS Membrane housings

\* Mechanical Prefilter

\* Solenoid valves

\* Regulating Valves ( concentrate and recirculation )

\* Stainless steel frame & panel

\* Low pressure switch - to protect the system

\* Permeate - Concentrate and Recirculation Flowmeter

\* Recirculation function - reduce the drain water flow

\* Controller ROC 8221

### OPTIONS

\* Raw water mixing line

### CONNECTIONS

**Permeate** 1 1/4"

**Concentrate** 1"

**Inlet** 1 1/2"



**Dimensions:** L x l x H : 2700 x 820 x 1950 cm

**READY TO USE - ALREADY TESTED - RO SYSTEM**

**Flow rate:** 8000 l/h (2133 gallons/ hour)

**Volume per day:** 19200 liters (51200 gpd)

### APPLICATIONS

\* ExpertWater Reverse Osmosis can be used in multiple range of water treatment processes as pharmaceutical, process water, rinse water, steam boilers, heating and cooling circuits, agriculture, desalination, food and beverages, automotive industry ( self service car wash), glass washing, cleaning - any application that need to use demineralised water.

\*It delivers demineralised water by reverse osmosis process. This means a reduction of up to 95-99% of water conductivity ( or TDS) and the result is a demineralized water . This means that from 100 ppm TDS after the reverse osmosis module we will remain with between 5 and 1 ppm depending on the water quality, ph and water temperature.

### TECHNICAL DATA - Model : EWRO 8000

**Flow rate:** 8000 l/h (2133 gallons/ hour)

**Volume per day:** 19200 liters ( 192 cm ) (51200 gpd)

**RO Membrane ( type / pcs):** 8040 / 7

**Salt Retention:** 95-99%

**Permeate recovery:** 50 - 75%

**Maximum TDS:** 1500 PPM

**Operating Pressure:** 6-12 bar

**Maximum Pressure:** 15 bar

**Electrical supply:** 380 V

**Power:** 7.5 kW

**Prefilter:** 5 microns

**Minimum water pressure supply:** 1.5 bar

**Water temperature:** 5-35 C

**Only free Chlorine inlet water**

### EQUIPMENT

\* Osmotic membranes 8040 - **Included !**

\* High Pressure Pump

\* 8040 SS Membrane housings

\* Mechanical Prefilter

\* Solenoid valves

\* Regulating Valves ( concentrate and recirculation )

\* Stainless steel frame & panel

\* Low pressure switch - to protect the system

\* Permeate - Concentrate and Recirculation Flowmeter

\* Recirculation function - reduce the drain water flow

\* Controller ROC 8221

### OPTIONS

\* Raw water mixing line

### CONNECTIONS

**Permeate** 1 1/2"

**Concentrate** 1 1/4"

**Inlet** 2"



**Dimensions:** L x l x H : 2700 x 820 x 1950 cm

**READY TO USE - ALREADY TESTED - RO SYSTEM**

**Flow rate:** 10000 l/h (2667 gallons/ hour)  
**Volume per day:** 240000 liters (64000 gpd)

### APPLICATIONS

\* ExpertWater Reverse Osmosis can be used in multiple range of water treatment processes as pharmaceutical, process water, rinse water, steam boilers, heating and cooling circuits, agriculture, desalination, food and beverages, automotive industry ( self service car wash), glass washing, cleaning - any application that need to use demineralised water.

\*It delivers demineralised water by reverse osmosis process. This means a reduction of up to 95-99% of water conductivity ( or TDS) and the result is a demineralized water . This means that from 100 ppm TDS after the reverse osmosis module we will remain with between 5 and 1 ppm depending on the water quality, ph and water temperature.

### TECHNICAL DATA - Model : EWRO 10000

**Flow rate:** 10000 l/h (2667 gallons/ hour)  
**Volume per day:** 240000 liters ( 240 cm ) (64000 gpd)  
**RO Membrane ( type / pcs):** 8040 / 8  
**Salt Retention:** 95-99%  
**Permeate recovery:** 50 - 75%  
**Maximum TDS:** 1500 PPM  
**Operating Pressure:** 6-12 bar  
**Maximum Pressure:** 15 bar  
**Electrical supply:** 380 V  
**Power:** 7.5 kW  
**Prefilter:** 5 microns  
**Minimum water pressure supply:** 1.5 bar  
**Water temperature:** 5-35 C  
**Only free Chlorine inlet water**

### EQUIPMENT

- \* Osmotic membranes 8040 - **Included !**
- \* High Pressure Pump
- \* 8040 SS Membrane housings
- \* Mechanical Prefilter
- \* Solenoid valves
- \* Regulating Valves ( concentrate and recirculation )
- \* Stainless steel frame & panel
- \* Low pressure switch - to protect the system
- \* Permeate - Concentrate and Recirculation Flowmeter
- \* Recirculation function - reduce the drain water flow
- \* Controller ROC 8221

### OPTIONS

- \* Raw water mixing line

### CONNECTIONS

**Permeate** 1 1/2"  
**Concentrate** 1 1/4"  
**Inlet** 2"



**Dimensions:** L x l x H : 2700 x 820 x 1950 cm

**READY TO USE - ALREADY TESTED - RO SYSTEM**

**Flow rate:** 12000 l/h (3200 gallons/ hour)  
**Volume per day:** 288000 liters (76800 gpd)

### APPLICATIONS

\* ExpertWater Reverse Osmosis can be used in multiple range of water treatment processes as pharmaceutical, process water, rinse water, steam boilers, heating and cooling circuits, agriculture, desalination, food and beverages, automotive industry ( self service car wash), glass washing, cleaning - any application that need to use demineralised water.

\*It delivers demineralised water by reverse osmosis process. This means a reduction of up to 95-99% of water conductivity ( or TDS) and the result is a demineralized water . This means that from 100 ppm TDS after the reverse osmosis module we will remain with between 5 and 1 ppm depending on the water quality, ph and water temperature.

### TECHNICAL DATA - Model : EWRO 12000

**Flow rate:** 12000 l/h (3200 gallons/ hour)  
**Volume per day:** 288000 liters ( 288 cm ) (76800 gpd)  
**RO Membrane ( type / pcs):** 8040 / 10  
**Salt Retention:** 95-99%  
**Permeate recovery:** 50 - 75%  
**Maximum TDS:** 1500 PPM  
**Operating Pressure:** 6-12 bar  
**Maximum Pressure:** 15 bar  
**Electrical supply:** 380 V  
**Power:** 11 kW  
**Prefilter:** 5 microns  
**Minimum water pressure supply:** 1.5 bar  
**Water temperature:** 5-35 C  
**Only free Chlorine inlet water**

### EQUIPMENT

- \* Osmotic membranes 8040 - **Included !**
- \* High Pressure Pump
- \* 8040 SS Membrane housings
- \* Mechanical Prefilter
- \* Solenoid valves
- \* Regulating Valves ( concentrate and recirculation )
- \* Stainless steel frame & panel
- \* Low pressure switch - to protect the system
- \* Permeate - Concentrate and Recirculation Flowmeter
- \* Recirculation function - reduce the drain water flow
- \* Controller ROC 8221

### OPTIONS

- \* Raw water mixing line

### CONNECTIONS

**Permeate** 1 1/2"  
**Concentrate** 1 1/4"  
**Inlet** 2"



**Dimensions:** L x l x H : 2700 x 820 x 2500 cm

**READY TO USE - ALREADY TESTED - RO SYSTEM**



**Flow rate:** 15000 l/h (4000 gallons/ hour)  
**Volume per day:** 360000 liters (96000 gpd)

### APPLICATIONS

\* ExpertWater Reverse Osmosis can be used in multiple range of water treatment processes as pharmaceutical, process water, rinse water, steam boilers, heating and cooling circuits, agriculture, desalination, food and beverages, automotive industry ( self service car wash), glass washing, cleaning - any application that need to use demineralised water.

\*It delivers demineralised water by reverse osmosis process. This means a reduction of up to 95-99% of water conductivity ( or TDS) and the result is a demineralized water . This means that from 100 ppm TDS after the reverse osmosis module we will remain with between 5 and 1 ppm depending on the water quality, ph and water temperature.

### TECHNICAL DATA - Model : EWRO 15000

**Flow rate:** 15000 l/h (4000 gallons/ hour)  
**Volume per day:** 360000 liters ( 360 cm) (96000 gpd)  
**RO Membrane ( type / pcs):** 8040 / 12  
**Salt Retention:** 95-99%  
**Permeate recovery:** 50 - 75%  
**Maximum TDS:** 1500 PPM  
**Operating Pressure:** 6-12 bar  
**Maximum Pressure:** 15 bar  
**Electrical supply:** 380 V  
**Power:** 11 kW  
**Prefilter:** 5 microns  
**Minimum water pressure supply:** 1.5 bar  
**Water temperature:** 5-35 C  
**Only free Chlorine inlet water**

### EQUIPMENT

- \* Osmotic membranes 8040 - **Included !**
- \* High Pressure Pump
- \* 8040 SS Membrane housings
- \* Mechanical Prefilter
- \* Solenoid valves
- \* Regulating Valves ( concentrate and recirculation )
- \* Stainless steel frame & panel
- \* Low pressure switch - to protect the system
- \* Permeate - Concentrate and Recirculation Flowmeter
- \* Recirculation function - reduce the drain water flow
- \* Controller ROC 8221

### OPTIONS

- \* Raw water mixing line

### CONNECTIONS

**Permeate** 1 1/2"  
**Concentrate** 1 1/2"  
**Inlet** 2"



**Dimensions:** L x l x H : 2700 x 820 x 2500 cm

**READY TO USE - ALREADY TESTED - RO SYSTEM**

**Flow rate:** 20000 l/h (5333 gallons/ hour)  
**Volume per day:** 480000 liters (120000 gpd)

### APPLICATIONS

\* ExpertWater Reverse Osmosis can be used in multiple range of water treatment processes as pharmaceutical, process water, rinse water, steam boilers, heating and cooling circuits, agriculture, desalination, food and beverages, automotive industry ( self service car wash), glass washing, cleaning - any application that need to use demineralised water.

\*It delivers demineralised water by reverse osmosis process. This means a reduction of up to 95-99% of water conductivity ( or TDS) and the result is a demineralized water . This means that from 100 ppm TDS after the reverse osmosis module we will remain with between 5 and 1 ppm depending on the water quality, ph and water temperature.

### TECHNICAL DATA - Model : EWRO 20000

**Flow rate:** 20000 l/h (5333 gallons/ hour)  
**Volume per day:** 480000 liters ( 480 cm) (120000 gpd)  
**RO Membrane ( type / pcs):** 8040 / 18  
**Salt Retention:** 95-99%  
**Permeate recovery:** 50 - 75%  
**Maximum TDS:** 1500 PPM  
**Operating Pressure:** 6-12 bar  
**Maximum Pressure:** 15 bar  
**Electrical supply:** 380 V  
**Power:** 15 kW  
**Prefilter:** 5 microns  
**Minimum water pressure supply:** 1.5 bar  
**Water temperature:** 5-35 C  
**Only free Chlorine inlet water**

### EQUIPMENT

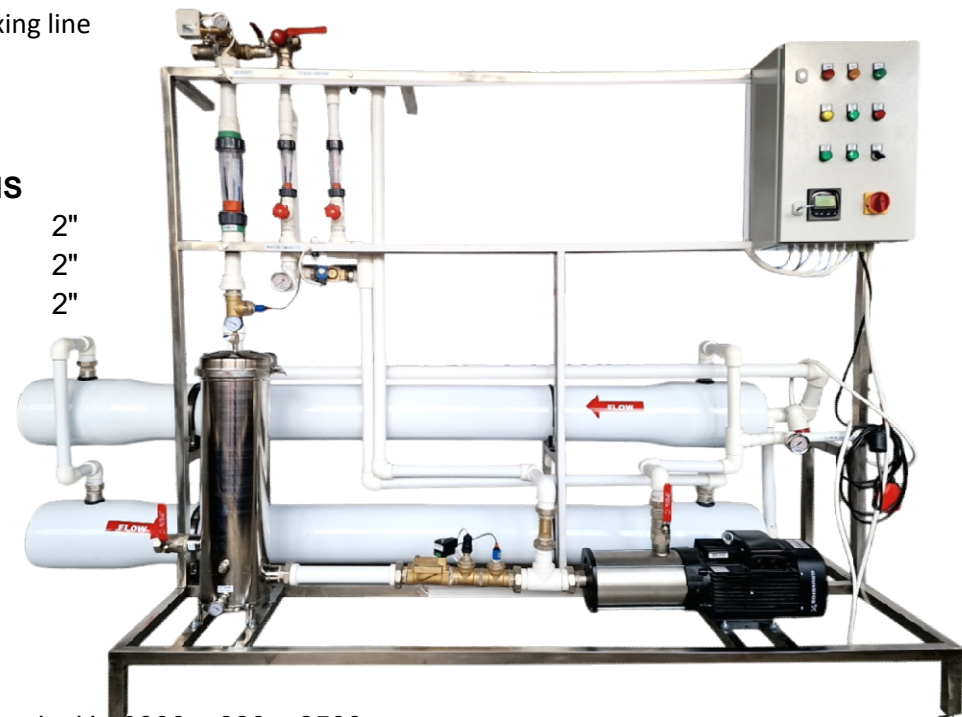
- \* Osmotic membranes 8040 - **Included !**
- \* High Pressure Pump
- \* 8040 SS Membrane housings
- \* Mechanical Prefilter
- \* Solenoid valves
- \* Regulating Valves ( concentrate and recirculation )
- \* Stainless steel frame & panel
- \* Low pressure switch - to protect the system
- \* Permeate - Concentrate and Recirculation Flowmeter
- \* Recirculation function - reduce the drain water flow
- \* Controller ROC 8221

### OPTIONS

- \* Raw water mixing line

### CONNECTIONS

**Permeate** 2"  
**Concentrate** 2"  
**Inlet** 2"



**Dimensions:** L x l x H : 3800 x 820 x 2500 cm

**READY TO USE - ALREADY TESTED - RO SYSTEM**

**Flow rate:** 25000 l/h (6667 gallons/ hour)  
**Volume per day:** 600000 liters (160000 gpd)

### APPLICATIONS

\* ExpertWater Reverse Osmosis can be used in multiple range of water treatment processes as pharmaceutical, process water, rinse water, steam boilers, heating and cooling circuits, agriculture, desalination, food and beverages, automotive industry ( self service car wash), glass washing, cleaning - any application that need to use demineralised water.

\*It delivers demineralised water by reverse osmosis process. This means a reduction of up to 95-99% of water conductivity ( or TDS) and the result is a demineralized water . This means that from 100 ppm TDS after the reverse osmosis module we will remain with between 5 and 1 ppm depending on the water quality, ph and water temperature.

### TECHNICAL DATA - Model : EWRO 25000

**Flow rate:** 25000 l/h (6667 gallons/ hour)  
**Volume per day:** 600000 liters ( 600 cm ) (160000 gpd)  
**RO Membrane ( type / pcs):** 8040 / 21  
**Salt Retention:** 95-99%  
**Permeate recovery:** 50 - 75%  
**Maximum TDS:** 1500 PPM  
**Operating Pressure:** 6-12 bar  
**Maximum Pressure:** 15 bar  
**Electrical supply:** 380 V  
**Power:** 15 kW  
**Prefilter:** 5 microns  
**Minimum water pressure supply:** 1.5 bar  
**Water temperature:** 5-35 C  
**Only free Chlorine inlet water**

### EQUIPMENT

- \* Osmotic membranes 8040 - **Included !**
- \* High Pressure Pump
- \* 8040 SS Membrane housings
- \* Mechanical Prefilter
- \* Solenoid valves
- \* Regulating Valves ( concentrate and recirculation )
- \* Stainless steel frame & panel
- \* Low pressure switch - to protect the system
- \* Permeate - Concentrate and Recirculation Flowmeter
- \* Recirculation function - reduce the drain water flow
- \* Controller ROC 8221

### OPTIONS

- \* Raw water mixing line

### CONNECTIONS

**Permeate** 2"  
**Concentrate** 2"  
**Inlet** 2"



**Dimensions:** L x l x H : 3800 x 820 x 2500 cm

**READY TO USE - ALREADY TESTED - RO SYSTEM**

