



Technologically enhanced water filters for professionals

8" RO SYSTEMS

4" RO SYSTEMS

**ROBUST
DIRECT FLOW
RO FILTERS**

**RESIDENTIAL
RO FILTERS**

ECOSOFT.COM

ECOMIX®

**ADVANCED
SOFTENERS**

**CARTRIDGE
FILTERS**

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DEAR PARTNERS,

Welcome to Ecosoft — a water engineering company. For 30 years we have been providing the highest quality of water in Ukraine and 60 countries around the globe.



Andrii Mitchenko
CEO Ecosoft

Since December 2018, we are a part of BWT Group. We position ourselves as a manufacturer of innovative and affordable water filtration products, a reliable supplier and partner for water treatment professionals in Europe and worldwide.

Our core business is production and distribution of water filters through professional sales channels — dealerships, wholesale distributors, and DIY retail chains. Ecosoft offers one of the broadest ranges of water filters — reverse osmosis filters for home, HORECA, commercial and industrial use, softeners for problem water, cartridge filters and water jug filters.

Ecosoft business is based on patented innovations developed by Ecosoft experts. Our professional team comprises chemical, mechanical, electrical and IT engineers including 40 WQA certified water specialists. We carry out the entire product development process from the idea to serial manufacturing.

One of Ecosoft's recent developments is the IoT-capable RO filters for household, business, as well as industrial applications. The Internet of Filters, as we call them, increases the profits for our partners — reduces service costs and opens up various rental and pay-per-liter opportunities.



Ecosoft products and processes are certified to the highest quality standards — NSF (USA), EN (EU), ACS (FR), EAC (EU) and ISO (9001, 14001, 45001). Our 8000 sqm modern production factory is located in Irpin — suburb of Kyiv, the capital city of Ukraine. With well-maintained manufacturing facilities, lean management practices and our location in Ukraine, we can offer high quality water treatment products at affordable price.

We have become a regular supplier of water filters in 60 countries across the world and every year we are expanding our geography.

Despite all the global challenges caused by COVID-19, we continue working to meet our customers' growing demand for safe and pure water. During the pandemic we have launched the production of face masks and disinfectants for both Ecosoft employees and partners being focused on people's safety and health. We ensure strict sanitary procedures. Every worker is provided with all necessary protection equipment against COVID-19: hand sanitizers, protection masks and gloves. The facilities and equipment are maintained clean and sanitized. We monitor everything to preclude any chance of contamination. We guarantee 100% safety and reliability of our products. Your confidence depends on our effort.

Please stay with us for the next exciting years and together we will provide more people on the Globe with pure water.

Yours sincerely, Andrii Mitchenko



8" INOX

REVERSE OSMOSIS SYSTEMS

Ecosoft provides turnkey solutions for industrial water challenges, including pilot studies, engineering and manufacturing, commissioning and maintenance. Ecosoft reverse osmosis systems are used in food and pharmaceutical industry, energy, chemical, semiconductor manufacturing, steam boilers and other industrial applications.

INOX 8" membrane reverse osmosis systems have improved durability in the adverse ambient conditions

8" INOX REVERSE OSMOSIS SYSTEMS

APPLICATIONS

Process water, rinse water, steam boilers, heating and cooling circuits, agriculture, desalination, food and beverage, utility water treatment.

EQUIPMENT

- Grundfos® CR high pressure pump
- 300 psi composite plastic membrane vessels
- BB20
- Electrical cabinet with Ecosoft controller
- Danfoss or Praher motorized valves
- Honeywell or Praher regulating valves
- Piping, valves, instrumentation, frame
- Permeate membrane flushing inlet port
- Raw water blending line port
- Frame mounted casters

OPTIONS

- Filmtec™ XLE-440 / ECO PRO-440 or Ecosoft ELP-8040 membranes
- Dosing pump for antiscalant or other RO chemicals
- Permeate inlet for permeate membrane flushing
- Raw water blending line



8" INOX REVERSE OSMOSIS SYSTEMS

Code	Product	Flow capacity, m³/h (GPH)	Membranes**
MO2TI5	Ecosoft INOX MO2 RO System	2–2.5 (530–660)	2/80 x 40
MO3TI5	Ecosoft INOX MO3 RO System	3–4 (800–1 060)	3/80 x 40
MO4TI5	Ecosoft INOX MO4 RO System	4–5 (1 060–1 320)	4/80 x 40
MO6TI5	Ecosoft INOX MO6 RO System	6–8 (1 600–2 100)	6/80 x 40
MO9TI5	Ecosoft INOX MO9 RO System	9–12 (2 400–3 200)	9/80 x 40

** Membranes are not included

ECOSOFT INOX MO2 8" REVERSE OSMOSIS SYSTEM

APPLICATIONS

Process water, rinse water, steam boilers, heating and cooling circuits, agriculture, desalination, food and beverage, utility water treatment.

EQUIPMENT:

- Grundfos® CR 5-20 high pressure pump.....1 pcs
- 8040 membrane vessel.....2 pcs
- BB20 sediment prefilter.....2 pcs
- Motorized valves.....2 pcs
(feed water in, flush out)
- Balancing valves.....2 pcs
(concentrate reject, concentrate recycle)
- Electrical panel with Ecosoft controller OC5000...1 set
- Set of instruments.....1 set
- **AISI 316 Stainless steel high pressure line**.....1 set
- **AISI 304 Stainless steel frame**.....1 set
- **Frame mounted casters**.....1 set

OPTIONS

- Filmtec™ XLE-440 / ECO PRO-440 or Ecosoft ELP-8040 membranes
- Dosing pump for antiscalant or other RO chemicals
- Permeate inlet for permeate membrane rinse
- Raw water mixing line



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

CONNECTION PORT SIZES:

Influent water.....	G 1½"
Permeate.....	G 1"
Concentrate.....	G 1½"
CIP inlet.....	G 1½"
CIP return.....	G 1½"
CIP permeate.....	G ½"
Antiscalant dosing port.....	G ½"

PHYSICAL PARAMETERS:

Approximate dimensions (bare).....	1.90 × 1.10 × 1.95 m (Width × Depth × Height, ±5%)
Approximate dimensions (crated).....	2.10 × 1.20 × 2.22 m (Width × Depth × Height, ±5%)
Approximate weight (bare).....	300 kg
Approximate weight (crated).....	390 kg

ECOSOFT INOX MO2 8" REVERSE OSMOSIS SYSTEM

Code	Product	Flow capacity, m³/h (GPH)	Membranes**
MO2TI5	Ecosoft INOX MO2 RO System	2–2.5 (530–660)	2/80 x 40

** Membranes are not included

SYSTEM FRAME IS MADE OF
AISI 304 STAINLESS STEEL

HIGH PRESSURE PIPELINE IS MADE OF
AISI 316 STAINLESS STEEL

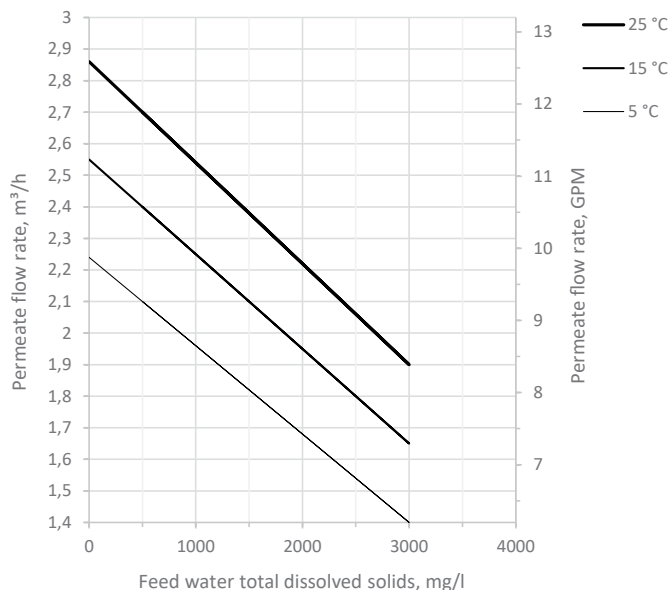
TECHNICAL SPECIFICATION

Permeate capacity ¹	2 m³/h
Permeate recovery ²	75%
Maximum TDS	3000 mg/L
Influent flow demand	2.7...4 m³/h (service) 10 m³/h (rinse)
Operating pressure	8...12 bar
Maximum pressure	14 bar
Electrical requirements	380...400 V, 50 Hz (3 ph)
Electrical power	3 kW
Prefilter rating	5 µm

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

² for low scaling/fouling water

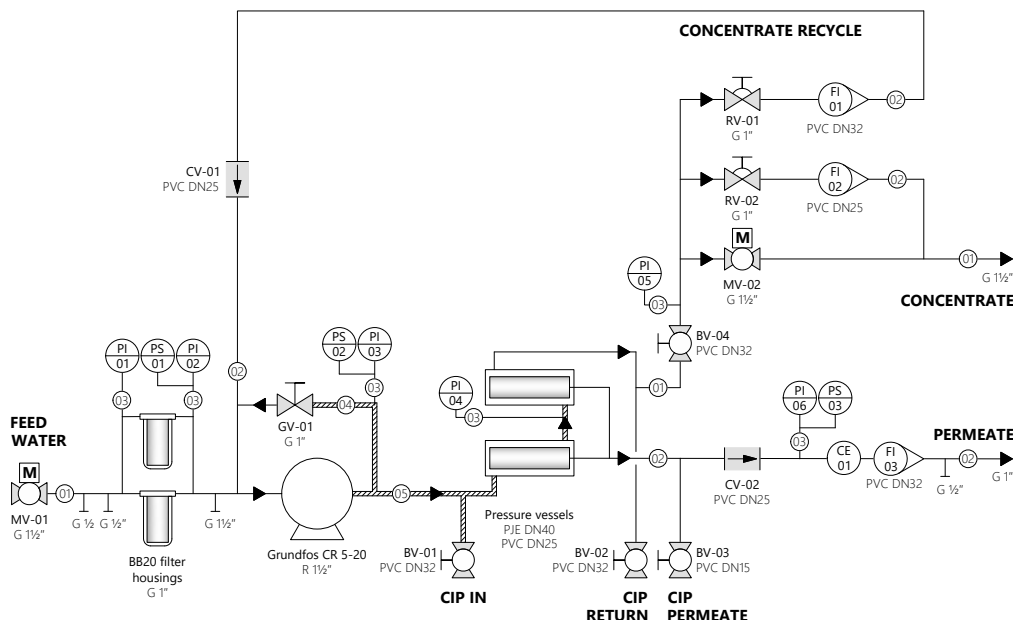
ECOSOFT MO2 RO FLOW CAPACITY GRAPH (WITH XLE-440 MEMBRANES)



Permeate flow rates are calculated under the following conditions:
 • 2 bar influent water pressure
 • 0 bar backpressure in the permeate line
 • fresh membranes
 • XLE-440 membrane

PIPES AND INSTRUMENTS DIAGRAM

Ecosoft MO2T15
Reverse Osmosis System
Piping and Instrumentation Diagram



PIPES

—(01)—	PVC pipe	50 mm O.D.
—(02)—	PVC pipe	32 mm O.D.
—(03)—	PE hose	¼" O.D.
—(04)—	Stainless steel pipe	DN15
—(05)—	Stainless steel pipe	DN40

VALVES

	Ball Valve		Regulating Valve
	Globe Valve		Check Valve

Motorized Valve

INSTRUMENTS

	Pressure gauge (panel mount)		Rotameter
	Pressure switch (panel mount)		Conductivity probe (process mount)

ECOSOFT INOX MO3 8" REVERSE OSMOSIS SYSTEM

APPLICATIONS

Process water, rinse water, steam boilers, heating and cooling circuits, agriculture, desalination, food and beverage, utility water treatment.

EQUIPMENT:

- Grundfos® CR 10-12 high pressure pump.....1 pcs
- 8040 membrane vessel.....3 pcs
- BB20 sediment prefilter.....3 pcs
- Motorized valves.....2 pcs
(feed water in, flush out)
- Balancing valves.....2 pcs
(concentrate reject, concentrate recycle)
- Electrical panel with Ecosoft controller OC5000...1 set
- Set of instruments.....1 set
- **AISI 316 Stainless steel high pressure line**.....1 set
- **AISI 304 Stainless steel frame**.....1 set
- **Frame mounted casters**.....1 set

OPTIONS

- Filmtec™ XLE-440 / ECO PRO-440 or Ecosoft ELP-8040 membranes
- Dosing pump for antiscalant or other RO chemicals
- Permeate inlet for permeate membrane rinse
- Raw water mixing line



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

CONNECTION PORT SIZES:

Influent water.....	G 1½"
Permeate.....	G 1"
Concentrate.....	G 1½"
CIP inlet.....	G 1½"
CIP return.....	G 1½"
CIP permeate.....	G ½"
Antiscalant dosing port.....	G ½"

PHYSICAL PARAMETERS:

Approximate dimensions (bare).....	1.90 × 1.10 × 1.95 m (Width × Depth × Height, ±5%)
Approximate dimensions (crated).....	2.10 × 1.20 × 2.22 m (Width × Depth × Height, ±5%)
Approximate weight (bare).....	340 kg
Approximate weight (crated).....	430 kg

ECOSOFT INOX MO3 8" REVERSE OSMOSIS SYSTEM

Code	Product	Flow capacity, m³/h (GPH)	Membranes**
MO3TI5	Ecosoft INOX MO3 RO System	3–4 (800–1 060)	3/80 x 40

** Membranes are not included

SYSTEM FRAME IS MADE OF
AISI 304 STAINLESS STEEL

HIGH PRESSURE PIPELINE IS MADE OF
AISI 316 STAINLESS STEEL

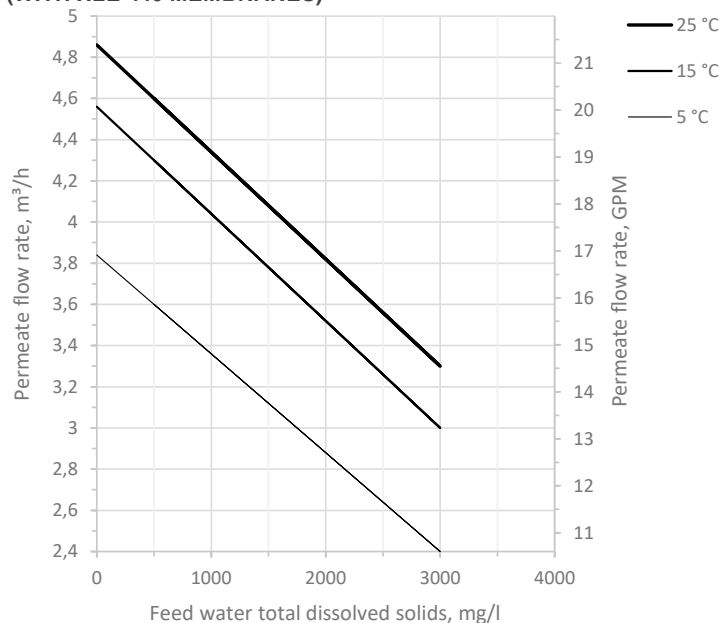
TECHNICAL SPECIFICATION

Permeate capacity ¹	3 m ³ /h
Permeate recovery ²	75%
Maximum TDS	3000 mg/L
Influent flow demand	4...6 m ³ /h (service) 10 m ³ /h (rinse)
Operating pressure	8...12 bar
Maximum pressure	14 bar
Electrical requirements	380...400 V, 50 Hz (3 ph)
Electrical power	4 kW
Prefilter rating	5 µm

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

² for low scaling/fouling water

ECOSOFT MO3 RO FLOW CAPACITY GRAPH (WITH XLE-440 MEMBRANES)

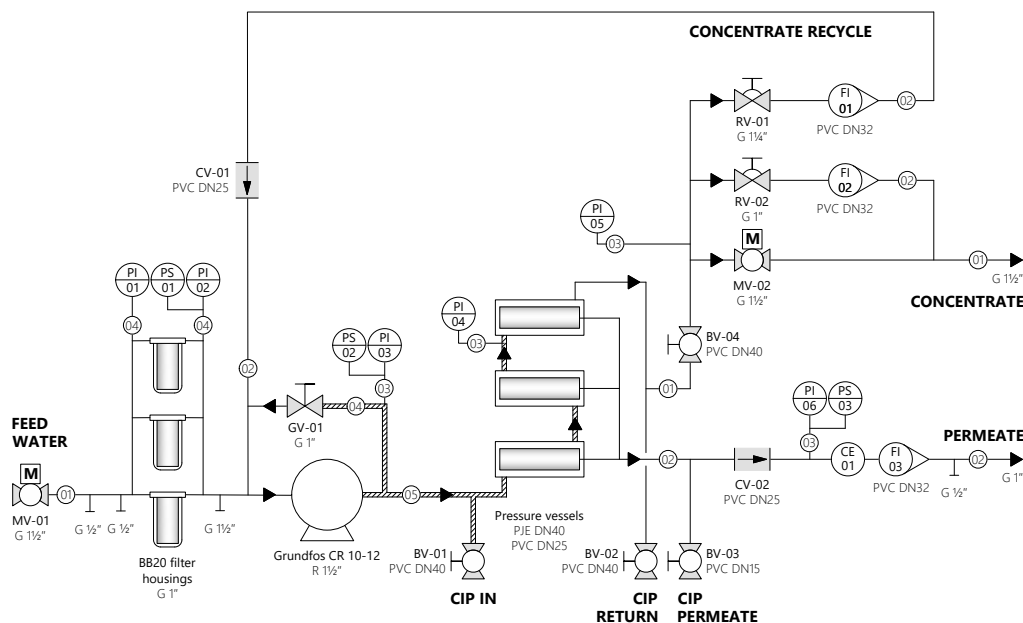


Permeate flow rates are calculated under the following conditions:

- 2 bar influent water pressure
- 0 bar backpressure in the permeate line
- fresh membranes
- XLE-440 membrane

PIPES AND INSTRUMENTS DIAGRAM

Ecosoft MO3T15
Reverse Osmosis System
Piping and Instrumentation Diagram

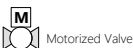


PIPES

—(01)—	PVC pipe	50 mm O.D.
—(02)—	PVC pipe	32 mm O.D.
—(03)—	PE hose	¼" O.D.
—(04)—	Stainless steel pipe	DN15
—(05)—	Stainless steel pipe	DN40

VALVES

	Ball Valve
	Globe Valve
	Regulating Valve
	Check Valve



INSTRUMENTS

	Pressure gauge (panel mount)
	Pressure switch (panel mount)
	Rotameter
	Conductivity probe (process mount)

ECOSOFT INOX MO4 8" REVERSE OSMOSIS SYSTEM

APPLICATIONS

Process water, rinse water, steam boilers, heating and cooling circuits, agriculture, desalination, food and beverage, utility water treatment.

EQUIPMENT:

- Grundfos® CR 10-12 high pressure pump.....1 pcs
- 8040-2 membrane vessel.....2 pcs
- BB20 sediment prefilter.....3 pcs
- Motorized valves.....2 pcs
(feed water in, flush out)
- Balancing valves.....2 pcs
(concentrate reject, concentrate recycle)
- Electrical panel with Ecosoft controller OC5000...1 set
- Set of instruments.....1 set
- **AISI 316 Stainless steel high pressure line**.....1 set
- **AISI 304 Stainless steel frame**.....1 set
- **Frame mounted casters**.....1 set



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

OPTIONS

- Filmtec™ XLE-440 / ECO PRO-440 or Ecosoft ELP-8040 membranes
- Dosing pump for antiscalant or other RO chemicals
- Permeate inlet for permeate membrane rinse
- Raw water mixing line

CONNECTION PORT SIZES:

Influent water.....	G 1½"
Permeate.....	G 1"
Concentrate.....	G 1½"
CIP inlet.....	G 1½"
CIP return.....	G 1½"
CIP permeate.....	G ½"
Antiscalant dosing port.....	G ½"

PHYSICAL PARAMETERS:

Approximate dimensions (bare).....	2.90 × 1.20 × 1.95 m (Width × Depth × Height, ±5%)
Approximate dimensions (crated).....	3.05 × 1.37 × 2.24 m (Width × Depth × Height, ±5%)
Approximate weight (bare).....	340 kg
Approximate weight (crated).....	500 kg

ECOSOFT INOX MO4 8" REVERSE OSMOSIS SYSTEM

Code	Product	Flow capacity, m³/h (GPH)	Membranes**
MO4TI5	Ecosoft INOX MO4 RO System	4–5 (1 060–1 320)	4/80 x 40

** Membranes are not included

SYSTEM FRAME IS MADE OF
AISI 304 STAINLESS STEEL

HIGH PRESSURE PIPELINE IS MADE OF
AISI 316 STAINLESS STEEL

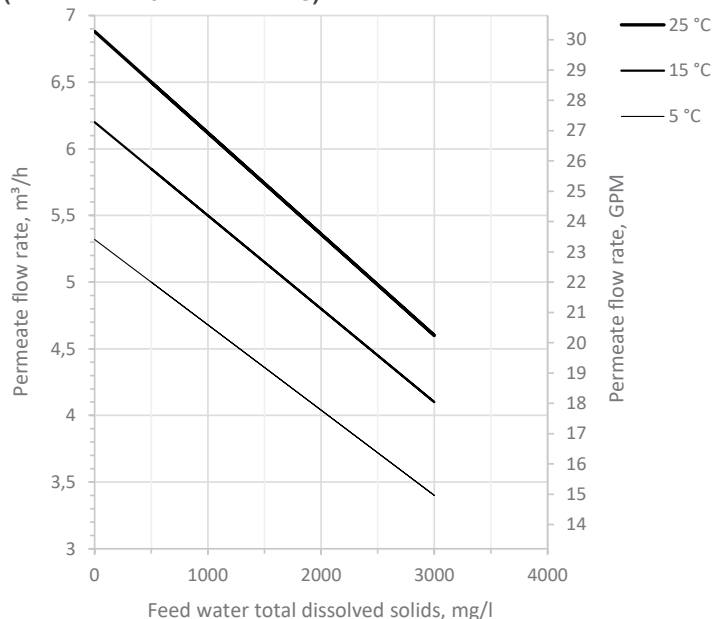
TECHNICAL SPECIFICATION

Permeate capacity ¹	4 m ³ /h
Permeate recovery ²	75%
Maximum TDS	3000 mg/L
Influent flow demand	5.5...8 m ³ /h (service) 10 m ³ /h (rinse)
Operating pressure	8...12 bar
Maximum pressure	14 bar
Electrical requirements	380...400 V, 50 Hz (3 ph)
Electrical power	4 kW
Prefilter rating	5 µm

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

² for low scaling/fouling water

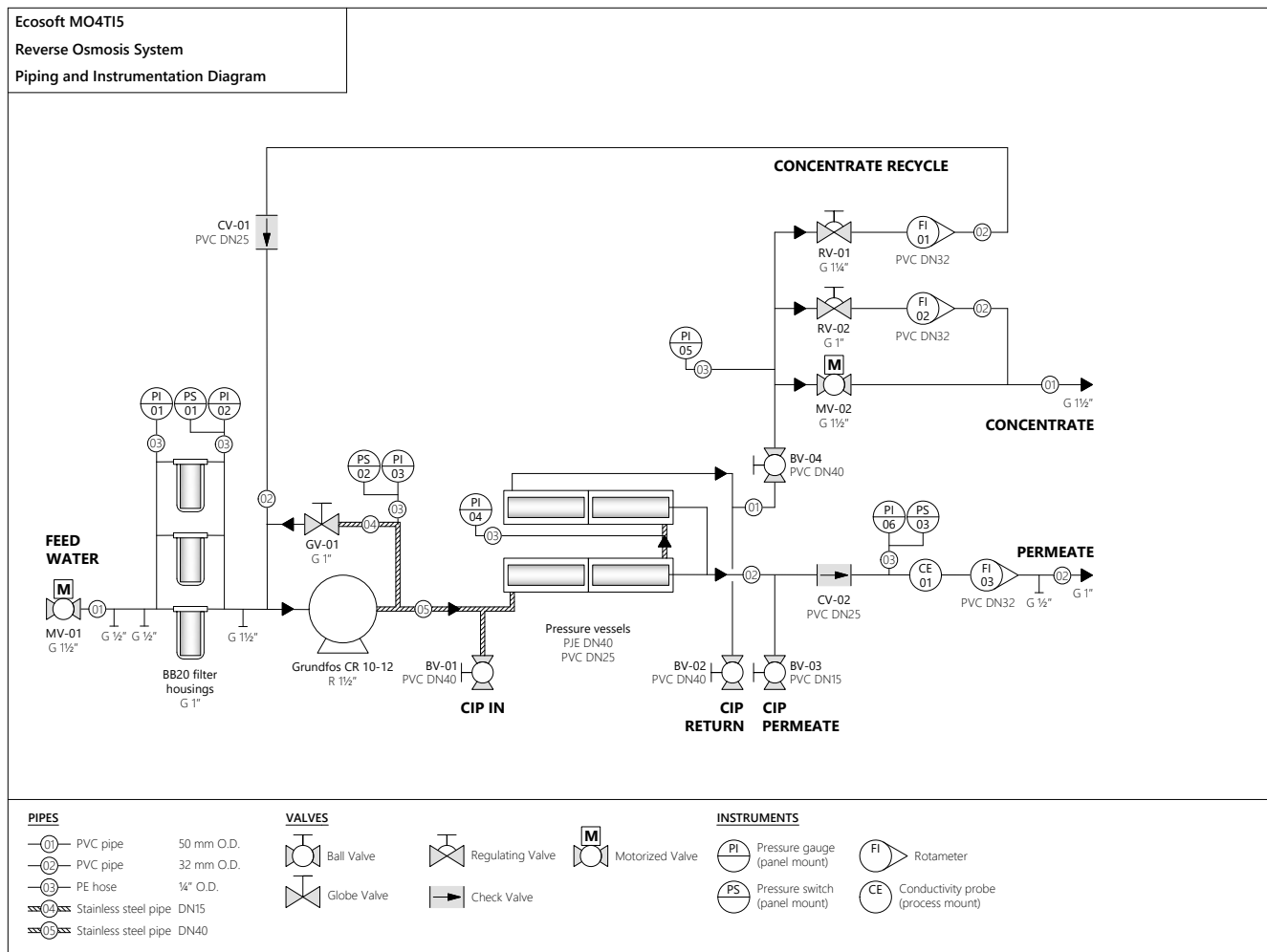
ECOSOFT MO4 RO FLOW CAPACITY GRAPH (WITH XLE-440 MEMBRANES)



Permeate flow rates are calculated under the following conditions:

- 2 bar influent water pressure
- 0 bar backpressure in the permeate line
- fresh membranes
- XLE-440 membrane

PIPES AND INSTRUMENTS DIAGRAM



ECOSOFT INOX MO6 8" REVERSE OSMOSIS SYSTEM

APPLICATIONS

Process water, rinse water, steam boilers, heating and cooling circuits, agriculture, desalination, food and beverage, utility water treatment.

EQUIPMENT:

- Grundfos® CR 15-9 high pressure pump.....1 pcs
- 8040-2 membrane vessel.....3 pcs
- BB20 sediment prefilter.....4 pcs
- Motorized valves.....2 pcs
(feed water in, flush out)
- Balancing valves.....2 pcs
(concentrate reject, concentrate recycle)
- Electrical panel with Ecosoft controller OC5000...1 set
- Set of instruments.....1 set
- **AISI 316 Stainless steel high pressure line**.....1 set
- **AISI 304 Stainless steel frame**.....1 set
- **Frame mounted casters**.....1 set



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

OPTIONS

- Filmtec™ XLE-440 / ECO PRO-440 or Ecosoft ELP-8040 membranes
- Dosing pump for antiscalant or other RO chemicals
- Permeate inlet for permeate membrane rinse
- Raw water mixing line

CONNECTION PORT SIZES:

Influent water.....	G 2"
Permeate.....	G 1½"
Concentrate.....	G 2"
CIP inlet.....	G 1½"
CIP return.....	G 1½"
CIP permeate.....	G 1"
Antiscalant dosing port.....	G ½"

PHYSICAL PARAMETERS:

Approximate dimensions (bare).....	2.90 × 1.20 × 1.95 m (Width × Depth × Height, ±5%)
Approximate dimensions (crated).....	3.05 × 1.37 × 2.24 m (Width × Depth × Height, ±5%)
Approximate weight (bare).....	560 kg
Approximate weight (crated).....	720 kg

ECOSOFT INOX MO6 8" REVERSE OSMOSIS SYSTEM

Code	Product	Flow capacity, m³/h (GPH)	Membranes**
MO6TI5	Ecosoft INOX MO6 RO System	6–8 (1 600–2 100)	6/80 x 40

** Membranes are not included

SYSTEM FRAME IS MADE OF
AISI 304 STAINLESS STEEL

HIGH PRESSURE PIPELINE IS MADE OF
AISI 316 STAINLESS STEEL

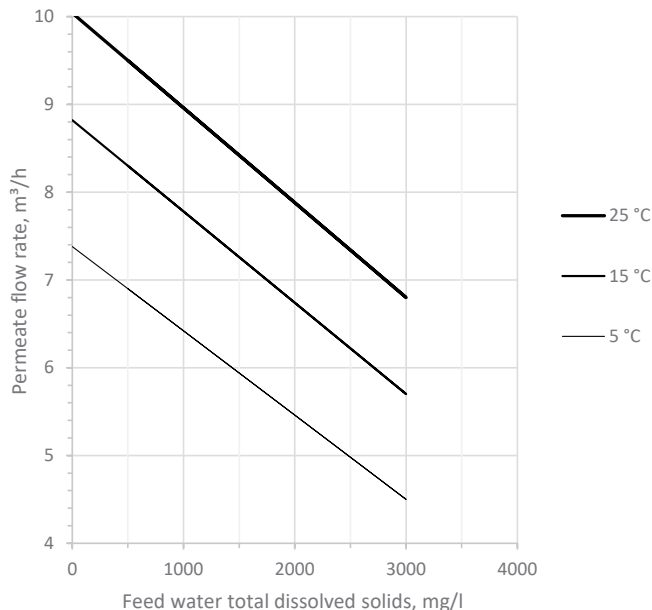
TECHNICAL SPECIFICATION

Permeate capacity ¹	6 m ³ /h
Permeate recovery ²	75%
Maximum TDS	3000 mg/L
Influent flow demand	8...12 m ³ /h (service) 20 m ³ /h (rinse)
Operating pressure	8...12 bar
Maximum pressure	14 bar
Electrical requirements	380...400 V, 50 Hz (3 ph)
Electrical power	7.5 kW
Prefilter rating	5 µm

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

² for low scaling/fouling water

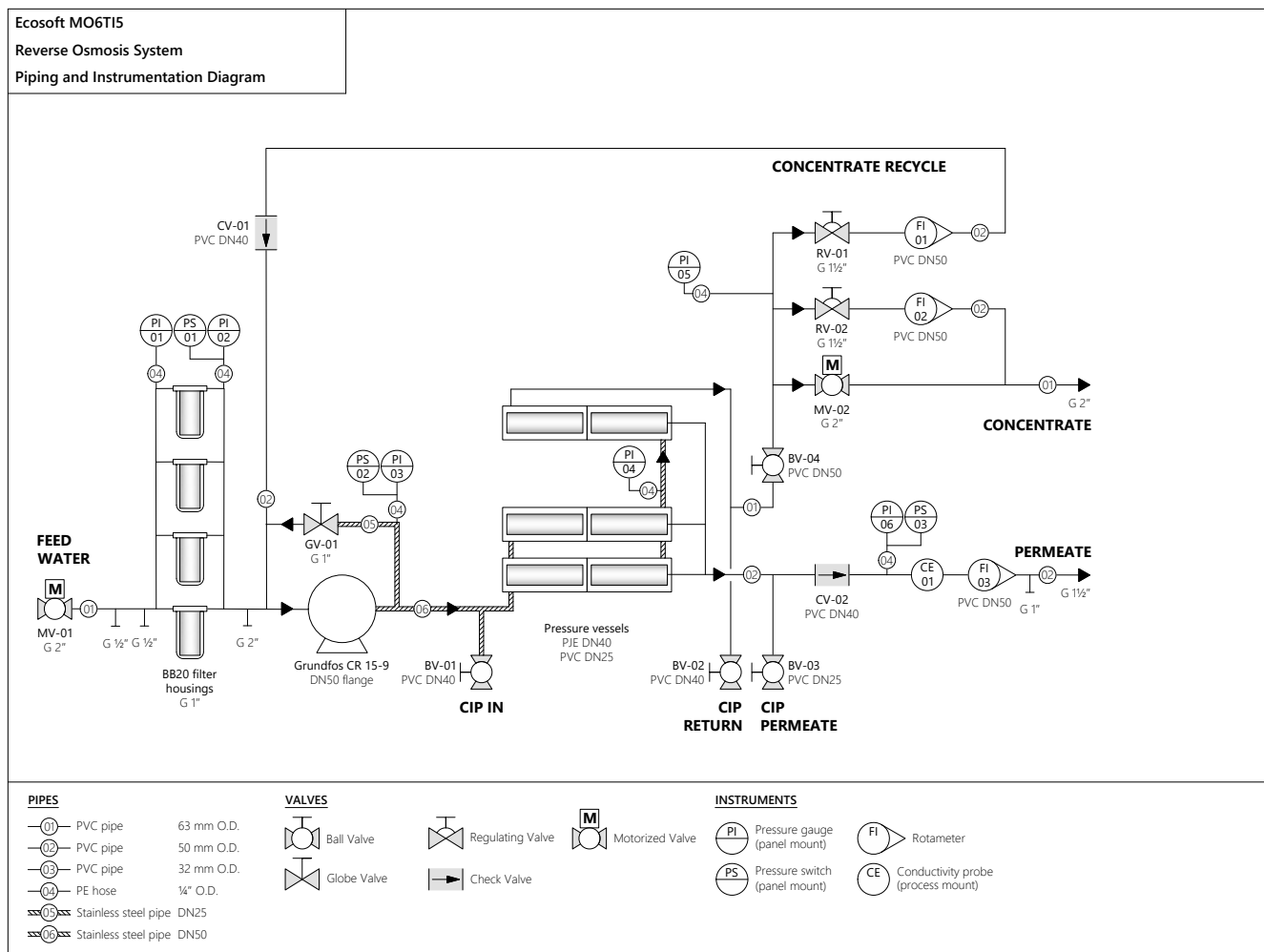
ECOSOFT MO6 RO FLOW CAPACITY GRAPH (WITH XLE-440 MEMBRANES)



Permeate flow rates are calculated under the following conditions:

- 2 bar influent water pressure
- 0 bar backpressure in the permeate line
- fresh membranes
- XLE-440 membrane

PIPES AND INSTRUMENTS DIAGRAM



ECOSOFT INOX MO9 8" REVERSE OSMOSIS SYSTEM

APPLICATIONS

Process water, rinse water, steam boilers, heating and cooling circuits, agriculture, desalination, food and beverage, utility water treatment.



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

EQUIPMENT:

- Grundfos® CR 15-9 high pressure pump.....1 pcs
- 8040-3 membrane vessel.....3 pcs
- BB20 sediment prefilter.....5 pcs
- Motorized valves.....2 pcs
(feed water in, flush out)
- Balancing valves.....2 pcs
(concentrate reject, concentrate recycle)
- Electrical panel with Ecosoft controller OC5000...1 set
- Set of instruments.....1 set
- **AISI 316 Stainless steel high pressure line**.....1 set
- **AISI 304 Stainless steel frame**.....1 set
- **Frame mounted casters**.....1 set

OPTIONS

- Filmtec™ XLE-440 / ECO PRO-440
or Ecosoft ELP-8040 membranes
- Dosing pump for antiscalant or other RO chemicals
- Permeate inlet for permeate membrane rinse
- Raw water mixing line

CONNECTION PORT SIZES:

Influent water.....	G 2"
Permeate.....	G 1½"
Concentrate.....	G 2"
CIP inlet.....	G 1½"
CIP return.....	G 1½"
CIP permeate.....	G 1"
Antiscalant dosing port.....	G ½"

PHYSICAL PARAMETERS:

Approximate dimensions (bare).....	3.90 × 1.20 × 1.95 m (Width × Depth × Height, ±5%)
Approximate dimensions (crated).....	4.10 × 1.37 × 2.24 m (Width × Depth × Height, ±5%)
Approximate weight (bare).....	600 kg
Approximate weight (crated).....	920 kg

ECOSOFT INOX MO9 8" REVERSE OSMOSIS SYSTEM

Code	Product	Flow capacity, m³/h (GPH)	Membranes**
MO9TI5	Ecosoft INOX MO9 RO System	9–12 (2 400–3 200)	9/80 x 40

** Membranes are not included

SYSTEM FRAME IS MADE OF
AISI 304 STAINLESS STEEL

HIGH PRESSURE PIPELINE IS MADE OF
AISI 316 STAINLESS STEEL

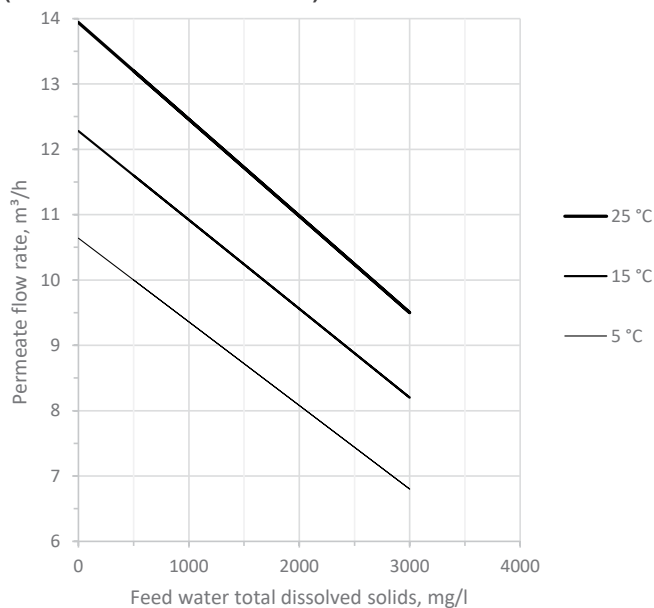
TECHNICAL SPECIFICATION

Permeate capacity ¹	9 m ³ /h
Permeate recovery ²	75%
Maximum TDS	3000 mg/L
Influent flow demand	12...16 m ³ /h (service) 20 m ³ /h (rinse)
Operating pressure	8...12 bar
Maximum pressure	14 bar
Electrical requirements	380...400 V, 50 Hz (3 ph)
Electrical power	7.5 kW
Prefilter rating	5 µm

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

² for low scaling/fouling water

ECOSOFT MO9 RO FLOW CAPACITY GRAPH (WITH XLE-440 MEMBRANES)

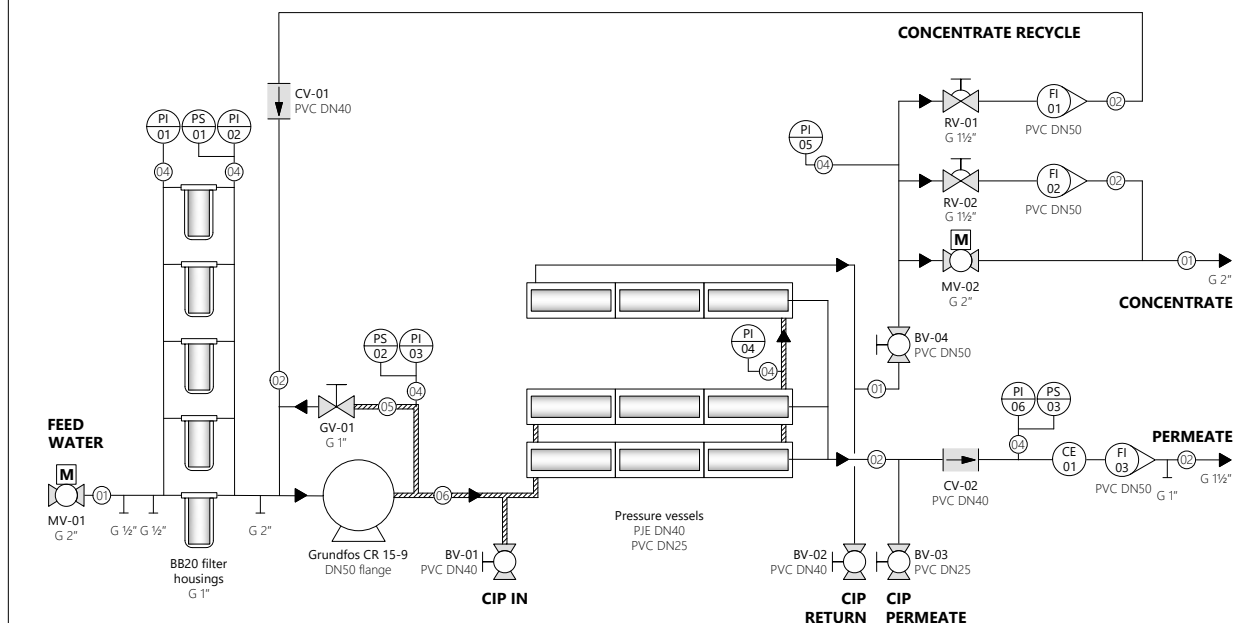


Permeate flow rates are calculated under the following conditions:

- 2 bar influent water pressure
- 0 bar backpressure in the permeate line
- fresh membranes
- XLE-440 membrane

PIPES AND INSTRUMENTS DIAGRAM

Ecosoft MO9T15
Reverse Osmosis System
Piping and Instrumentation Diagram



PIPES

—(01)—	PVC pipe	63 mm O.D.
—(02)—	PVC pipe	50 mm O.D.
—(03)—	PVC pipe	32 mm O.D.
—(04)—	PE hose	1/4" O.D.
—(05)—	Stainless steel pipe	DN25
—(06)—	Stainless steel pipe	DN50

VALVES

	Ball Valve		Regulating Valve
	Globe Valve		Check Valve

INSTRUMENTS

	Pressure gauge (panel mount)		Rotameter
	Pressure switch (panel mount)		Conductivity probe (process mount)

8"

REVERSE OSMOSIS SYSTEMS

Ecosoft provides turnkey solutions for industrial water challenges, including pilot studies, engineering and manufacturing, commissioning and maintenance. Ecosoft reverse osmosis systems are used in food and pharmaceutical industry, energy, chemical, semiconductor manufacturing, steam boilers and other industrial applications.

8" REVERSE OSMOSIS SYSTEMS

APPLICATIONS

Process water, rinse water, steam boilers, heating and cooling circuits, agriculture, desalination, food and beverage, utility water treatment.

EQUIPMENT

- Grundfos® CR high pressure pump
- 300 psi composite plastic membrane vessels
- BB20 or stainless steel multi filter housings
- Electrical cabinet with Ecosoft controller
- Danfoss or Praher motorized valves
- Honeywell or Praher regulating valves
- Piping, valves, instrumentation, frame
- Permeate membrane flushing inlet port
- Raw water blending line port



OPTIONS

- Filmtec™ XLE-440 / ECO PRO-440 or Ecosoft ELP-8040 membranes
- Dosing pump for antiscalant or other RO chemicals
- Permeate inlet for permeate membrane flushing
- Raw water blending line

8" REVERSE OSMOSIS SYSTEMS

Code	Product	Flow capacity, m³/h (GPH)	Membranes**
MO2TP5	Ecosoft MO2 RO System	2–2.5 (530–660)	2/80 x 40
MO3TP5	Ecosoft MO3 RO System	3–4 (800–1 060)	3/80 x 40
MO4TP5	Ecosoft MO4 RO System	4–5 (1 060–1 320)	4/80 x 40
MO6TP5	Ecosoft MO6 RO System	6–8 (1 600–2 100)	6/80 x 40
MO9TP5	Ecosoft MO9 RO System	9–12 (2 400–3 200)	9/80 x 40
MO12TP5	Ecosoft MO12 RO System	12–15 (3 200–4 000)	12/80 x 40
MO16TP5	Ecosoft MO16 RO System	16–20 (4 200–5 300)	16/80 x 40
MO24TP5	Ecosoft MO24 RO System	24–28 (6 400–7 400)	24/80 x 40
MO36TP5	Ecosoft MO36 RO System	36–42 (9 500–11 100)	36/80 x 40
MO48TP5	Ecosoft MO48 RO System	48–56 (12 500–14 800)	48/80 x 40

** Membranes are not included

ECOSOFT MO2 8" REVERSE OSMOSIS SYSTEM

APPLICATIONS

Process water, rinse water, steam boilers, heating and cooling circuits, agriculture, desalination, food and beverage, utility water treatment.

EQUIPMENT:

- Grundfos® CR 5-20 high pressure pump...1 pcs
- 8040 membrane vessel.....2 pcs
- BB20 sediment prefilter.....2 pcs
- Motorized valves.....2 pcs
(feed water in, flush out)
- Balancing valves.....2 pcs
(concentrate reject, concentrate recycle)
- Electrical cabinet with Ecosoft controller...1 set
- Piping, instrumentation, steel frame.....1 set

OPTIONS

- Filmtec™ XLE-440 / ECO PRO-440 or Ecosoft ELP-8040 membranes
- Dosing pump for antiscalant or other RO chemicals
- Permeate inlet for permeate membrane rinse
- Raw water mixing line



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

CONNECTION PORT SIZES:

Influent water.....	G 1½"
Permeate.....	G 1"
Concentrate.....	G 1½"
CIP inlet.....	G 1½"
CIP return.....	G 1½"
CIP permeate.....	G ½"
Antiscalant dosing port.....	G ½"

PHYSICAL PARAMETERS:

Approximate dimensions (bare).....	1.90 × 1.10 × 1.95 m (Width × Depth × Height, ±5%)
Approximate dimensions (crated).....	2.10 × 1.20 × 2.22 m (Width × Depth × Height, ±5%)
Approximate weight (bare).....	300 kg
Approximate weight (crated).....	390 kg

ECOSOFT MO2 8" REVERSE OSMOSIS SYSTEM

Code	Product	Flow capacity, m³/h (GPH)	Membranes**
MO2TP5	Ecosoft MO2 RO System	2–2.5 (530–660)	2/80 x 40

** Membranes are not included

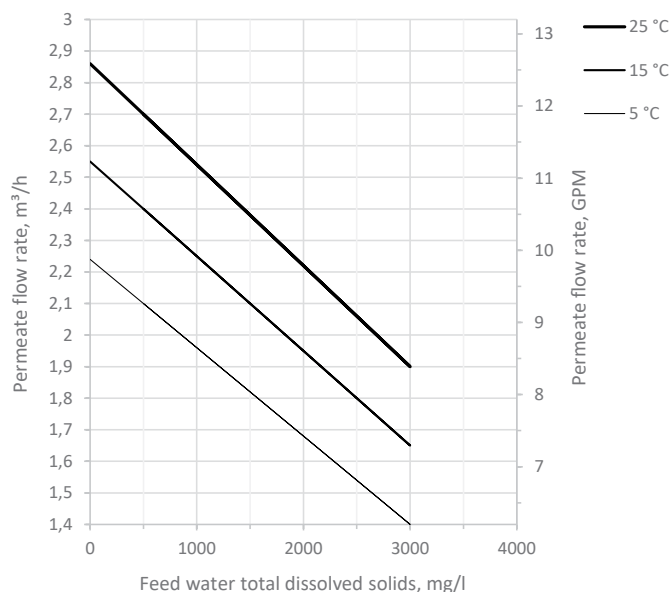
TECHNICAL SPECIFICATION

Permeate capacity ¹	2 m³/h
Permeate recovery ²	75%
Maximum TDS	3000 mg/L
Influent flow demand	2.7...4 m³/h (service) 10 m³/h (rinse)
Operating pressure	8...12 bar
Maximum pressure	14 bar
Electrical requirements	380...400 V, 50 Hz (3 ph)
Electrical power	3 kW
Prefilter rating	5 µm

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

² for low scaling/fouling water

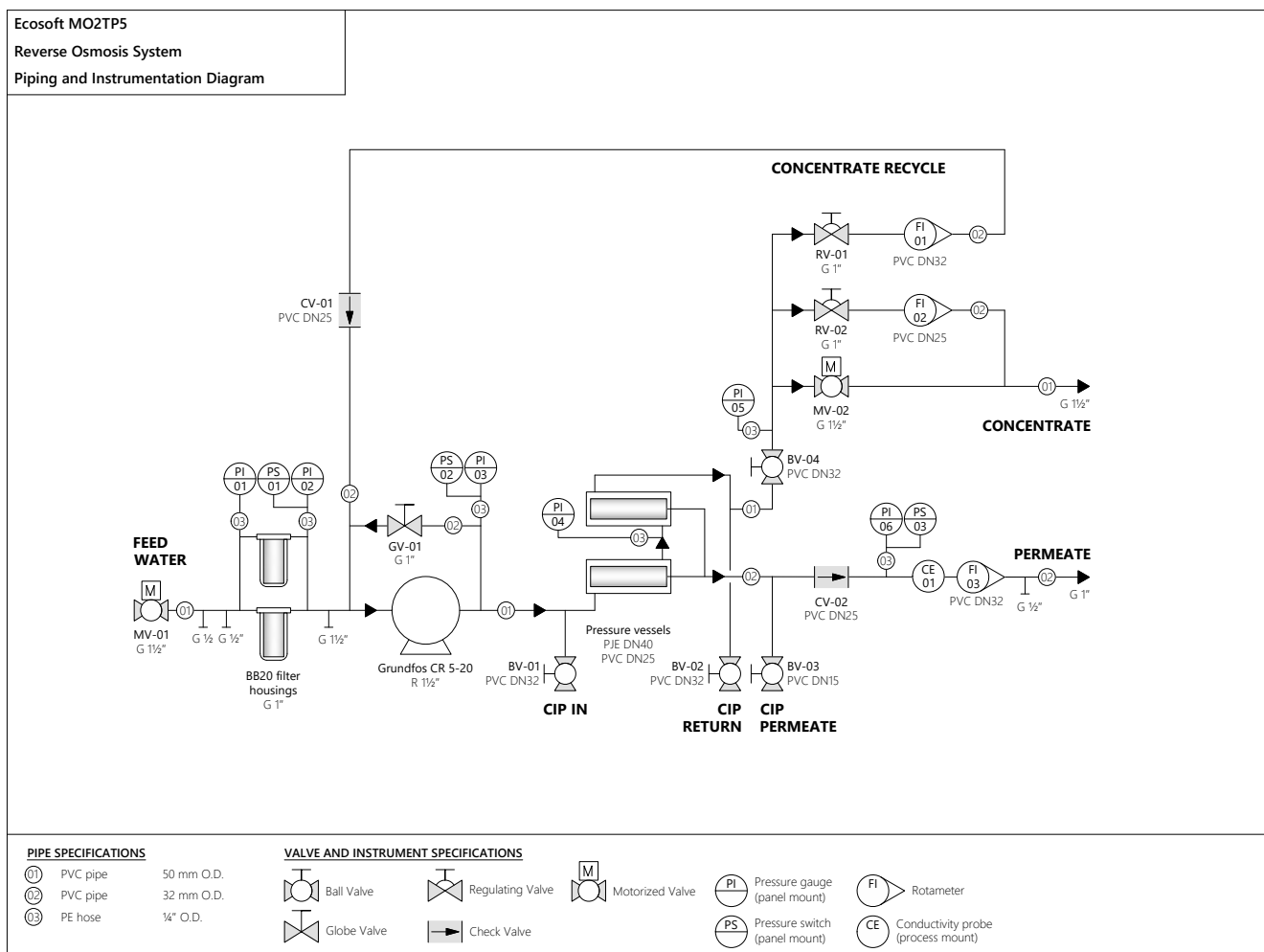
ECOSOFT MO2 RO FLOW CAPACITY GRAPH (WITH XLE-440 MEMBRANES)



Permeate flow rates are calculated under the following conditions:

- 2 bar influent water pressure
- 0 bar backpressure in the permeate line
- fresh membranes
- XLE-440 membrane

PIPES AND INSTRUMENTS DIAGRAM



ECOSOFT MO3 8" REVERSE OSMOSIS SYSTEM

APPLICATIONS

Process water, rinse water, steam boilers, heating and cooling circuits, agriculture, desalination, food and beverage, utility water treatment.

EQUIPMENT:

- Grundfos® CR 10-12 high pressure pump 1 pcs
- 8040 membrane vessel..... 3 pcs
- BB20 sediment prefilter..... 3 pcs
- Motorized valves..... 2 pcs
(feed water in, flush out)
- Balancing valves..... 2 pcs
(concentrate reject, concentrate recycle)
- Electrical cabinet with Ecosoft controller..... 1 set
- Piping, instrumentation, steel frame..... 1 set

OPTIONS

- Filmtec™ XLE-440 / ECO PRO-440 or Ecosoft ELP-8040 membranes
- Dosing pump for antiscalant or other RO chemicals
- Permeate inlet for permeate membrane rinse
- Raw water mixing line



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

CONNECTION PORT SIZES:

Influent water.....	G 1½"
Permeate.....	G 1"
Concentrate.....	G 1½"
CIP inlet.....	G 1½"
CIP return.....	G 1½"
CIP permeate.....	G ½"
Antiscalant dosing port.....	G ½"

PHYSICAL PARAMETERS:

Approximate dimensions (bare).....	1.90 × 1.10 × 1.95 m (Width × Depth × Height, ±5%)
Approximate dimensions (crated).....	2.10 × 1.20 × 2.22 m (Width × Depth × Height, ±5%)
Approximate weight (bare).....	340 kg
Approximate weight (crated).....	430 kg

ECOSOFT MO3 8" REVERSE OSMOSIS SYSTEM

Code	Product	Flow capacity, m³/h (GPH)	Membranes**
MO3TP5	Ecosoft MO3 RO System	3–4 (800–1 060)	3/80 x 40

** Membranes are not included

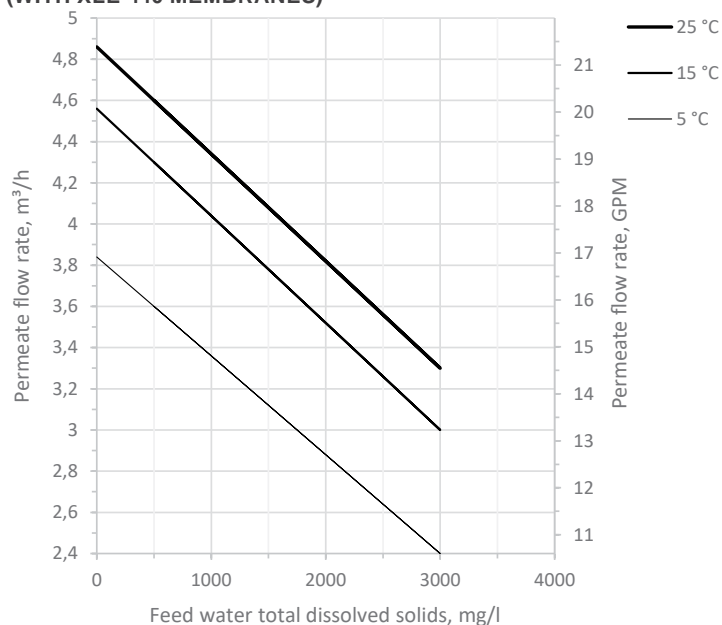
TECHNICAL SPECIFICATION

Permeate capacity ¹	3 m ³ /h
Permeate recovery ²	75%
Maximum TDS	3000 mg/L
Influent flow demand	4...6 m ³ /h (service) 10 m ³ /h (rinse)
Operating pressure	8...12 bar
Maximum pressure	14 bar
Electrical requirements	380...400 V, 50 Hz (3 ph)
Electrical power	4 kW
Prefilter rating	5 µm

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

² for low scaling/fouling water

ECOSOFT MO3 RO FLOW CAPACITY GRAPH (WITH XLE-440 MEMBRANES)

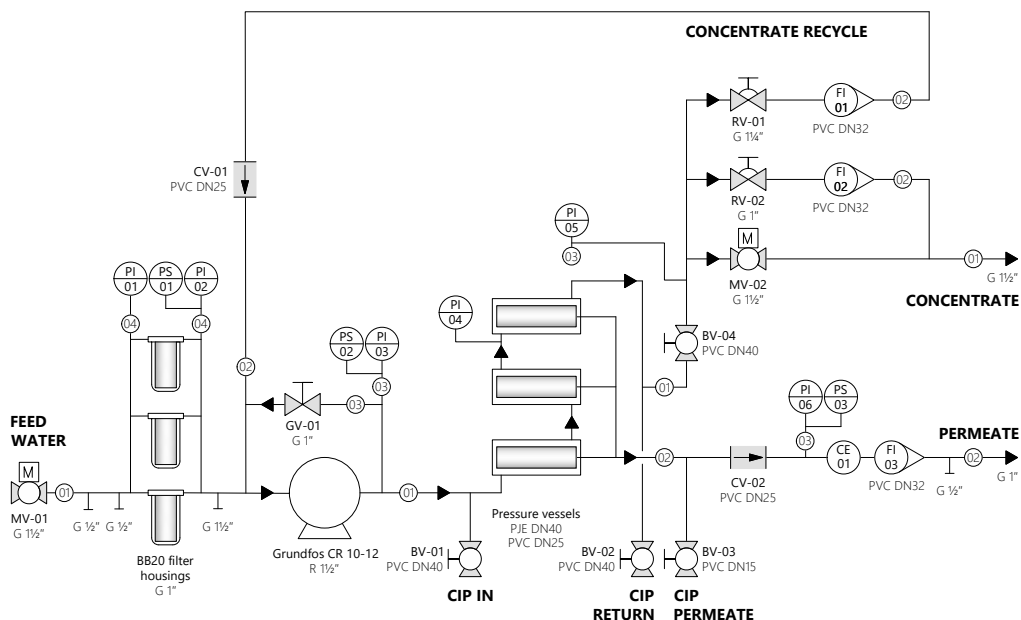


Permeate flow rates are calculated under the following conditions:

- 2 bar influent water pressure
- 0 bar backpressure in the permeate line
- fresh membranes
- XLE-440 membrane

PIPES AND INSTRUMENTS DIAGRAM

Ecosoft MO3TP5
Reverse Osmosis System
Piping and Instrumentation Diagram



PIPE SPECIFICATIONS

①	PVC pipe	50 mm O.D.
②	PVC pipe	32 mm O.D.
③	PE hose	¼" O.D.

VALVE AND INSTRUMENT SPECIFICATIONS

	Ball Valve		Regulating Valve		Motorized Valve		Pressure gauge (panel mount)		Rotameter
	Globe Valve		Check Valve		Pressure switch (panel mount)		Conductivity probe (process mount)		

ECOSOFT MO4 8" REVERSE OSMOSIS SYSTEM

APPLICATIONS

Process water, rinse water, steam boilers, heating and cooling circuits, agriculture, desalination, food and beverage, utility water treatment.

EQUIPMENT:

- Grundfos® CR 10-12 high pressure pump 1 pcs
- 8040-2 membrane vessel..... 2 pcs
- BB20 sediment prefilter..... 3 pcs
- Motorized valves..... 2 pcs
(feed water in, flush out)
- Balancing valves..... 2 pcs
(concentrate reject, concentrate recycle)
- Electrical cabinet with Ecosoft controller..... 1 set
- Piping, instrumentation, steel frame..... 1 set



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

OPTIONS

- Filmtec™ XLE-440 / ECO PRO-440 or Ecosoft ELP-8040 membranes
- Dosing pump for antiscalant or other RO chemicals
- Permeate inlet for permeate membrane rinse
- Raw water mixing line

CONNECTION PORT SIZES:

Influent water.....	G 1½"
Permeate.....	G 1"
Concentrate.....	G 1½"
CIP inlet.....	G 1½"
CIP return.....	G 1½"
CIP permeate.....	G ½"
Antiscalant dosing port.....	G ½"

PHYSICAL PARAMETERS:

Approximate dimensions (bare).....	2.90 × 1.20 × 1.95 m (Width × Depth × Height, ±5%)
Approximate dimensions (crated).....	3.05 × 1.37 × 2.24 m (Width × Depth × Height, ±5%)
Approximate weight (bare).....	340 kg
Approximate weight (crated).....	500 kg

ECOSOFT MO4 8" REVERSE OSMOSIS SYSTEM

Code	Product	Flow capacity, m³/h (GPH)	Membranes**
MO4TP5	Ecosoft MO4 RO System	4–5 (1 060–1 320)	4/80 x 40

** Membranes are not included

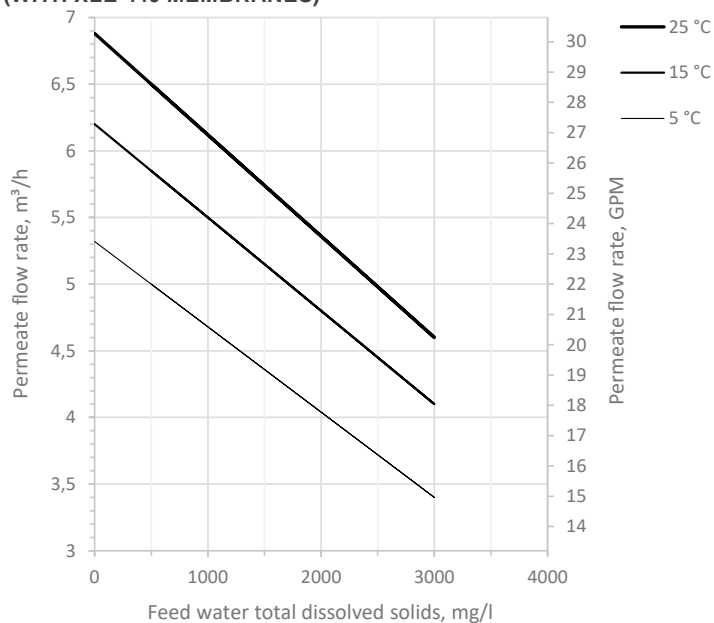
TECHNICAL SPECIFICATION

Permeate capacity ¹	4 m³/h
Permeate recovery ²	75%
Maximum TDS	3000 mg/L
Influent flow demand	5.5...8 m³/h (service) 10 m³/h (rinse)
Operating pressure	8...12 bar
Maximum pressure	14 bar
Electrical requirements	380...400 V, 50 Hz (3 ph)
Electrical power	4 kW
Prefilter rating	5 µm

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

² for low scaling/fouling water

ECOSOFT MO4 RO FLOW CAPACITY GRAPH (WITH XLE-440 MEMBRANES)

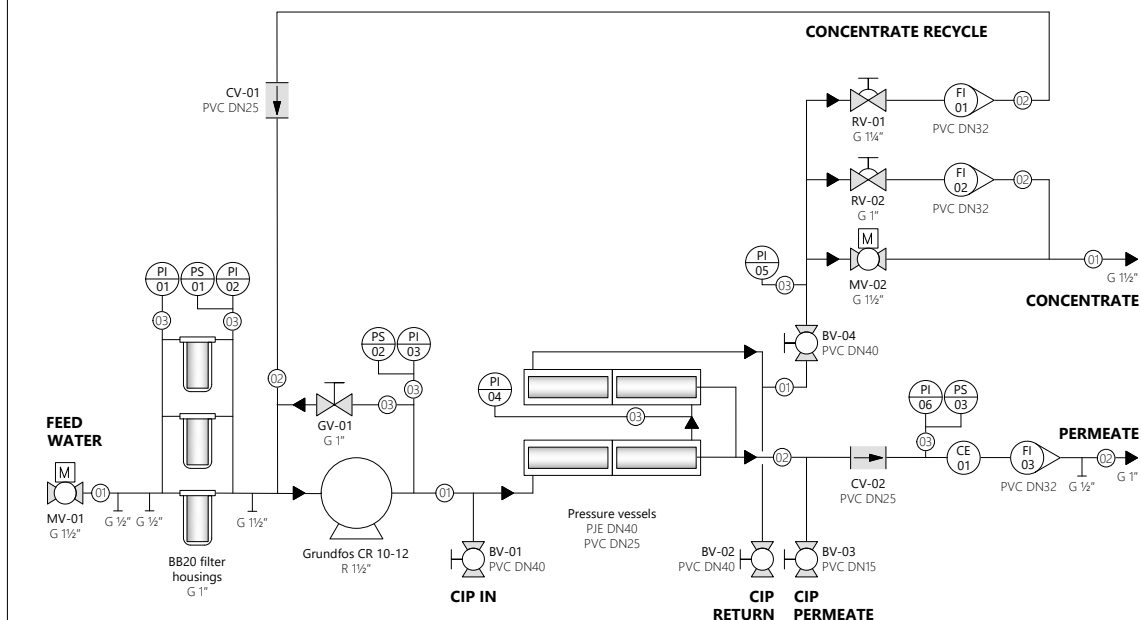


Permeate flow rates are calculated under the following conditions:

- 2 bar influent water pressure
- 0 bar backpressure in the permeate line
- fresh membranes
- XLE-440 membrane

PIPES AND INSTRUMENTS DIAGRAM

Ecosoft MO4TP5
Reverse Osmosis System
Piping and Instrumentation Diagram



PIPE SPECIFICATIONS

①	PVC pipe	50 mm O.D.
②	PVC pipe	32 mm O.D.
③	PE hose	¼" O.D.

VALVE AND INSTRUMENT SPECIFICATIONS

Ball Valve	Regulating Valve	Motorized Valve	Pressure gauge (panel mount)	Rotameter
Globe Valve	Check Valve		Pressure switch (panel mount)	Conductivity probe (process mount)

ECOSOFT MO6 8" REVERSE OSMOSIS SYSTEM

APPLICATIONS

Process water, rinse water, steam boilers, heating and cooling circuits, agriculture, desalination, food and beverage, utility water treatment.

EQUIPMENT:

- Grundfos® CR 15-9 high pressure pump...1 pcs
- 8040-2 membrane vessel.....3 pcs
- BB20 sediment prefilter.....4 pcs
- Motorized valves.....2 pcs
(feed water in, flush out)
- Balancing valves.....2 pcs
(concentrate reject, concentrate recycle)
- Electrical cabinet with Ecosoft controller...1 set
- Piping, instrumentation, steel frame.....1 set



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

OPTIONS

- Filmtec™ XLE-440 / ECO PRO-440 or Ecosoft ELP-8040 membranes
- Dosing pump for antiscalant or other RO chemicals
- Permeate inlet for permeate membrane rinse
- Raw water mixing line

CONNECTION PORT SIZES:

Influent water.....	G 2"
Permeate.....	G 1½"
Concentrate.....	G 2"
CIP inlet.....	G 1½"
CIP return.....	G 1½"
CIP permeate.....	G 1"
Antiscalant dosing port.....	G ½"

PHYSICAL PARAMETERS:

Approximate dimensions (bare).....	2.90 × 1.20 × 1.95 m (Width × Depth × Height, ±5%)
Approximate dimensions (crated).....	3.05 × 1.37 × 2.24 m (Width × Depth × Height, ±5%)
Approximate weight (bare).....	560 kg
Approximate weight (crated).....	720 kg

ECOSOFT MO6 8" REVERSE OSMOSIS SYSTEM

Code	Product	Flow capacity, m³/h (GPH)	Membranes**
MO6TP5	Ecosoft MO6 RO System	6–8 (1 600–2 100)	6/80 x 40

** Membranes are not included

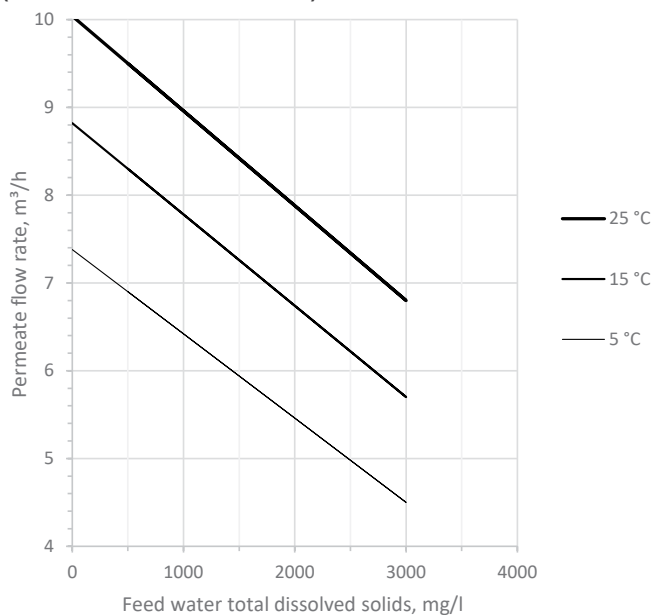
TECHNICAL SPECIFICATION

Permeate capacity ¹	6 m ³ /h
Permeate recovery ²	75%
Maximum TDS	3000 mg/L
Influent flow demand	8...12 m ³ /h (service) 20 m ³ /h (rinse)
Operating pressure	8...12 bar
Maximum pressure	14 bar
Electrical requirements	380...400 V, 50 Hz (3 ph)
Electrical power	7.5 kW
Prefilter rating	5 µm

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

² for low scaling/fouling water

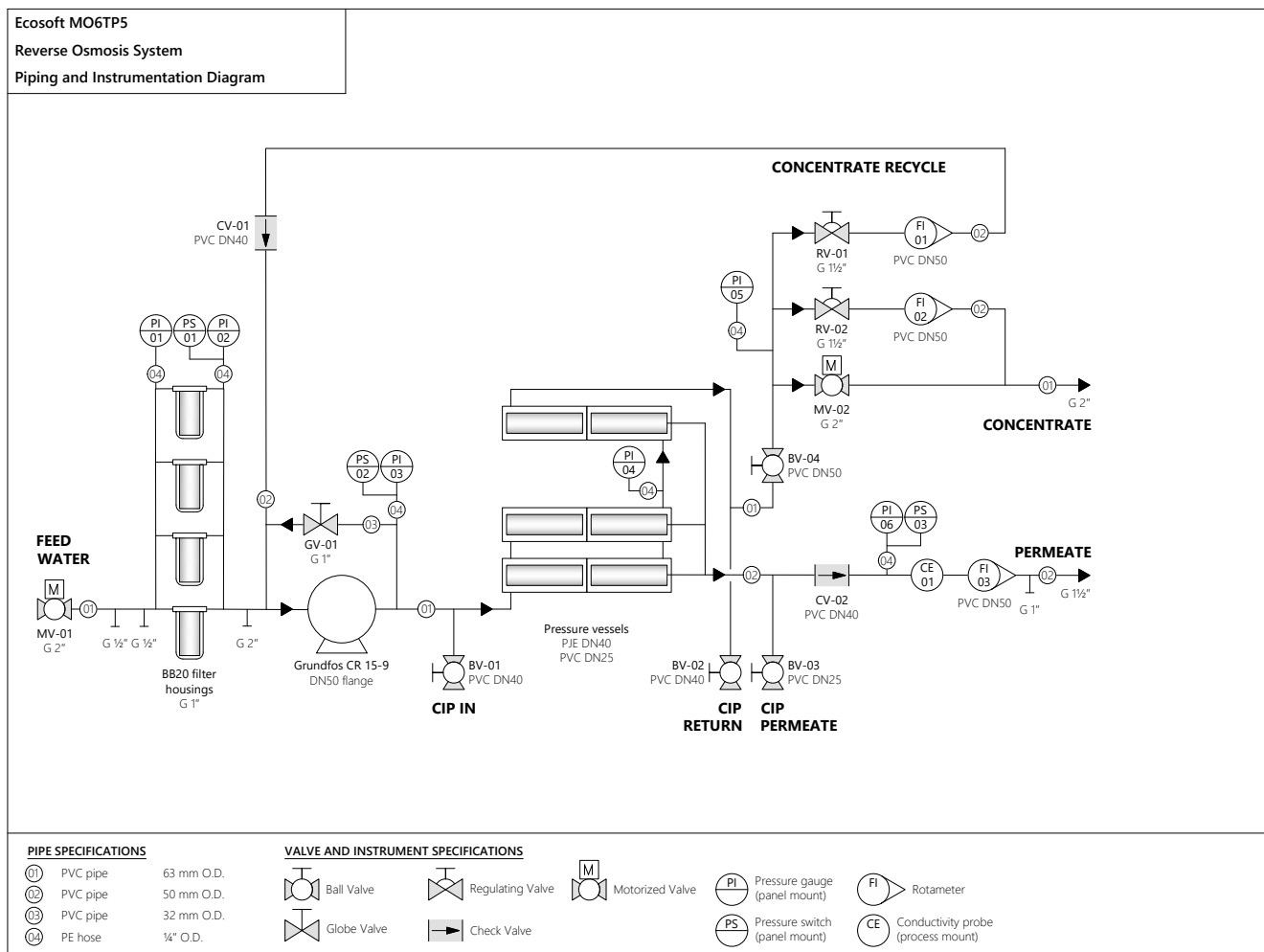
ECOSOFT MO6 RO FLOW CAPACITY GRAPH (WITH XLE-440 MEMBRANES)



Permeate flow rates are calculated under the following conditions:

- 2 bar influent water pressure
- 0 bar backpressure in the permeate line
- fresh membranes
- XLE-440 membrane

PIPES AND INSTRUMENTS DIAGRAM



ECOSOFT MO9 8" REVERSE OSMOSIS SYSTEM

APPLICATIONS

Process water, rinse water, steam boilers, heating and cooling circuits, agriculture, desalination, food and beverage, utility water treatment.



EQUIPMENT:

- Grundfos® CR 15-9 high pressure pump.....1 pcs
- 8040-3 membrane vessel.....3 pcs
- BB20 sediment prefilter.....5 pcs
- Motorized valves.....2 pcs
(feed water in, flush out)
- Balancing valves.....2 pcs
(concentrate reject, concentrate recycle)
- Electrical cabinet with Ecosoft controller.....1 set
- Piping, instrumentation.....1 set
- Steel frame.....1 set

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

OPTIONS

- Filmtec™ XLE-440 / ECO PRO-440 or Ecosoft ELP-8040 membranes
- Dosing pump for antiscalant or other RO chemicals
- Permeate inlet for permeate membrane rinse
- Raw water mixing line

CONNECTION PORT SIZES:

Influent water.....	G 2"
Permeate.....	G 1½"
Concentrate.....	G 2"
CIP inlet.....	G 1½"
CIP return.....	G 1½"
CIP permeate.....	G 1"
Antiscalant dosing port.....	G ½"

PHYSICAL PARAMETERS:

Approximate dimensions (bare).....	3.90 × 1.20 × 1.95 m (Width × Depth × Height, ±5%)
Approximate dimensions (crated).....	4.10 × 1.37 × 2.24 m (Width × Depth × Height, ±5%)
Approximate weight (bare).....	600 kg
Approximate weight (crated).....	920 kg

ECOSOFT MO9 8" REVERSE OSMOSIS SYSTEM

Code	Product	Flow capacity, m³/h (GPH)	Membranes**
MO9TP5	Ecosoft MO9 RO System	9–12 (2 400–3 200)	9/80 x 40

** Membranes are not included

Permeate capacity ¹	9 m³/h
Permeate recovery ²	75%
Maximum TDS	3000 mg/L
Influent flow demand	12...16 m³/h (service) 20 m³/h (rinse)
Operating pressure	8...12 bar
Maximum pressure	14 bar
Electrical requirements	380...400 V, 50 Hz (3 ph)
Electrical power	7.5 kW
Prefilter rating	5 µm

² for low scaling/fouling water

Feed water total dissolved solids (mg/l)	Permeate flow rate (m³/h) at 25 °C	Permeate flow rate (m³/h) at 15 °C	Permeate flow rate (m³/h) at 5 °C
0	14.0	12.3	10.6
1000	12.5	10.8	9.1
2000	11.0	9.3	7.6
3000	9.5	8.2	6.8

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ECOSOFT MO12 8" REVERSE OSMOSIS SYSTEM

APPLICATIONS

Process water, rinse water, steam boilers, heating and cooling circuits, agriculture, desalination, food and beverage, utility water treatment.



EQUIPMENT:

- Grundfos® CR 20-10 high pressure pump.....1 pcs
- 8040-3 membrane vessel.....4 pcs
- Stainless steel housing with 7 PP 2,5 × 40" filters...1 pcs
- Motorized valves.....2 pcs
(feed water in, flush out)
- Balancing valves.....2 pcs
(concentrate reject, concentrate recycle)
- Electrical cabinet with Ecosoft controller.....1 set
- Piping, instrumentation.....1 set
- Steel frame.....1 set

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

OPTIONS

- Filmtec™ XLE-440 / ECO PRO-440
or Ecosoft ELP-8040 membranes
- Dosing pump for antiscalant or other RO chemicals
- Permeate inlet for permeate membrane rinse
- Raw water mixing line

CONNECTION PORT SIZES:

Influent water.....	DN65 (flange)
Permeate.....	DN50 (G 2")
Concentrate.....	DN65 (flange)
CIP inlet.....	DN40 (G 1½")
CIP return.....	DN40 (G 1½")
CIP permeate.....	DN25 (G 1")

PHYSICAL PARAMETERS:

Approximate dimensions (installed).....	4.00 × 1.40 × 2.10 m (Width × Depth × Height, ±5%)
Approximate weight (bare).....	820 kg
Approximate weight (crated).....	1100 kg

ECOSOFT MO12 8" REVERSE OSMOSIS SYSTEM

Code	Product	Flow capacity, m³/h (GPH)	Membranes**
MO12TP5	Ecosoft MO12 RO System	12–15 (3 200–4 000)	12/80 x 40

** Membranes are not included

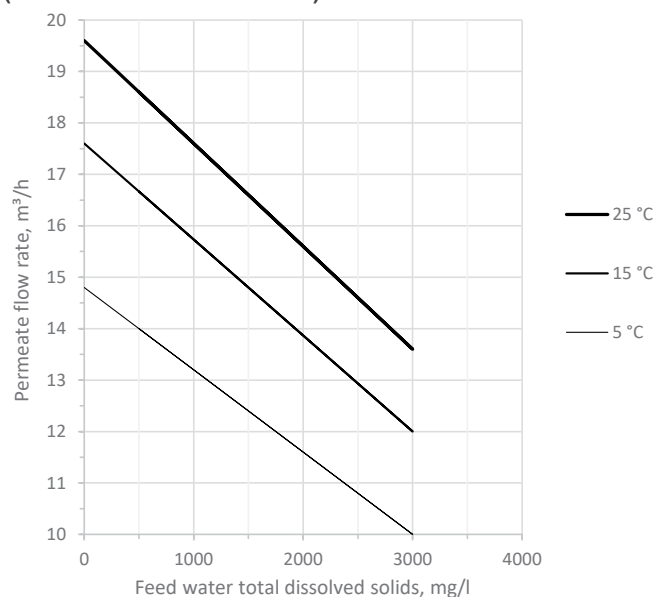
TECHNICAL SPECIFICATION

Permeate capacity ¹	12 m³/h
Permeate recovery ²	75%
Maximum TDS	3000 mg/L
Influent flow demand	16...20 m³/h
Operating pressure	8...12 bar
Maximum pressure	14 bar
Electrical requirements	380...400 V, 50 Hz (3 ph)
Electrical power	11 kW
Prefilter rating	5 µm

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

² for low scaling/fouling water

ECOSOFT MO12 RO FLOW CAPACITY GRAPH (WITH XLE-440 MEMBRANES)

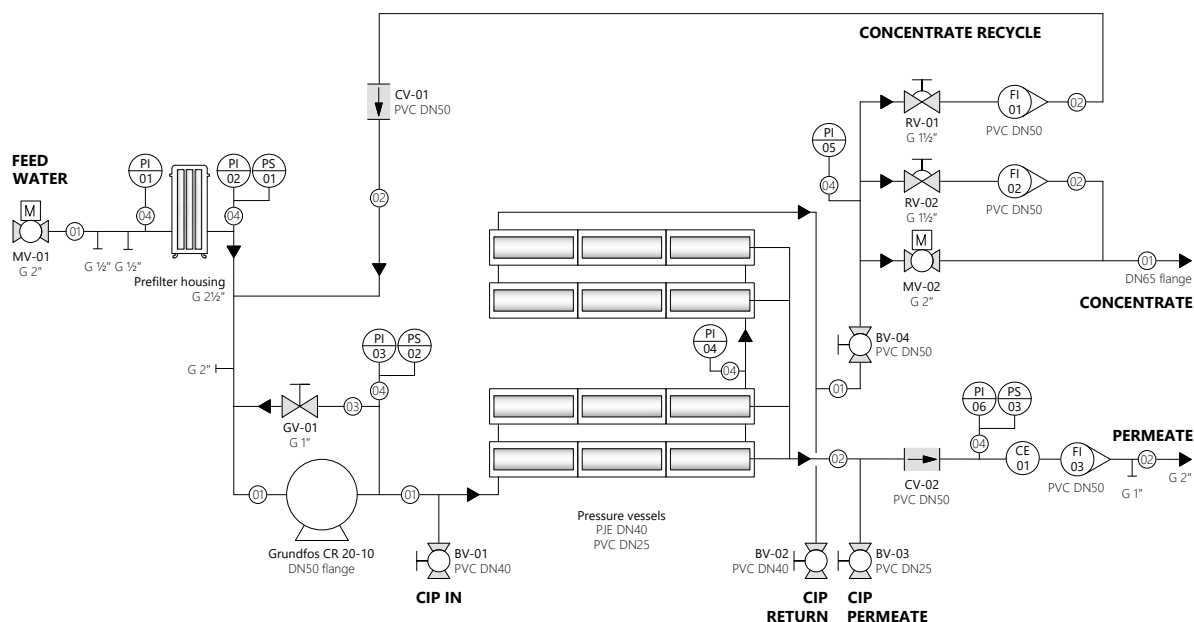


Permeate flow rates are calculated under the following conditions:

- 2 bar influent water pressure
- 0 bar backpressure in the permeate line
- fresh membranes
- XLE-440 membrane

PIPES AND INSTRUMENTS DIAGRAM

Ecsoft MO12TP5
Reverse Osmosis System
Piping and Instrumentation Diagram



PIPE SPECIFICATIONS

①	PVC pipe	75 mm O.D.
②	PVC pipe	63 mm O.D.
③	PVC pipe	32 mm O.D.
④	PE hose	1/4" O.D.

VALVE AND INSTRUMENT SPECIFICATIONS

	Ball Valve		Regulating Valve		Motorized Valve		Pressure gauge (panel mount)		Rotameter
	Globe Valve		Check Valve		Pressure switch (panel mount)		Conductivity probe (process mount)		

ECOSOFT MO16 8" REVERSE OSMOSIS SYSTEM

APPLICATIONS

Process water, rinse water, steam boilers, heating and cooling circuits, agriculture, desalination, food and beverage, utility water treatment.



EQUIPMENT:

- Grundfos® CR 32-6 high pressure pump.....1 pcs
- 8040-4 membrane vessel.....4 pcs
- Stainless steel housing with 7 PP 2,5 × 40" filters..1 pcs
- Motorized butterfly valves.....2 pcs
(feed water in, flush out)
- Balancing valves.....2 pcs
(concentrate reject, concentrate recycle)
- Electrical cabinet with Ecosoft controller.....1 set
- Piping, instrumentation.....1 set
- Steel frame.....1 set

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

OPTIONS

- Filmtec™ XLE-440 / ECO PRO-440
or Ecosoft ELP-8040 membranes
- Dosing pump for antiscalant or other RO chemicals
- Permeate inlet for permeate membrane rinse
- Raw water mixing line

CONNECTION PORT SIZES:

Influent water.....	DN80 (flange)
Permeate.....	DN65 (flange)
Concentrate.....	DN80 (flange)
CIP inlet.....	DN65 (flange)
CIP return.....	DN65 (flange)
CIP permeate.....	DN40 (G 1½")

PHYSICAL PARAMETERS:

Approximate dimensions (installed).....	5.50 × 1.60 × 2.40 m (Width × Depth × Height, ±5%)
Approximate weight (bare).....	900 kg
Approximate weight (crated).....	1200 kg

ECOSOFT MO16 8" REVERSE OSMOSIS SYSTEM

Code	Product	Flow capacity, m³/h (GPH)	Membranes**
MO16TP5	Ecosoft MO16 RO System	16–20 (4 200–5 300)	16/80 x 40

** Membranes are not included

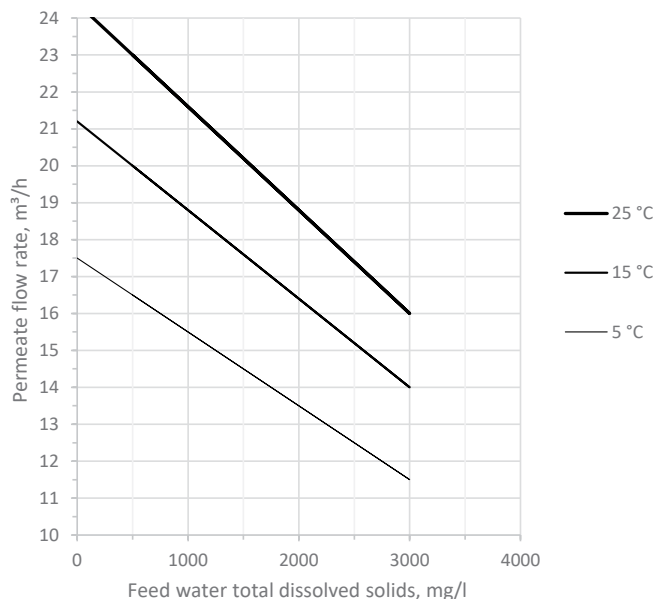
TECHNICAL SPECIFICATION

Permeate capacity ¹	16 m³/h
Permeate recovery ²	75%
Maximum TDS	3000 mg/L
Influent flow demand	20...25 m³/h
Operating pressure	8...12 bar
Maximum pressure	14 bar
Electrical requirements	380...400 V, 50 Hz (3 ph)
Electrical power	11 kW
Prefilter rating	5 µm

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

² for low scaling/fouling water

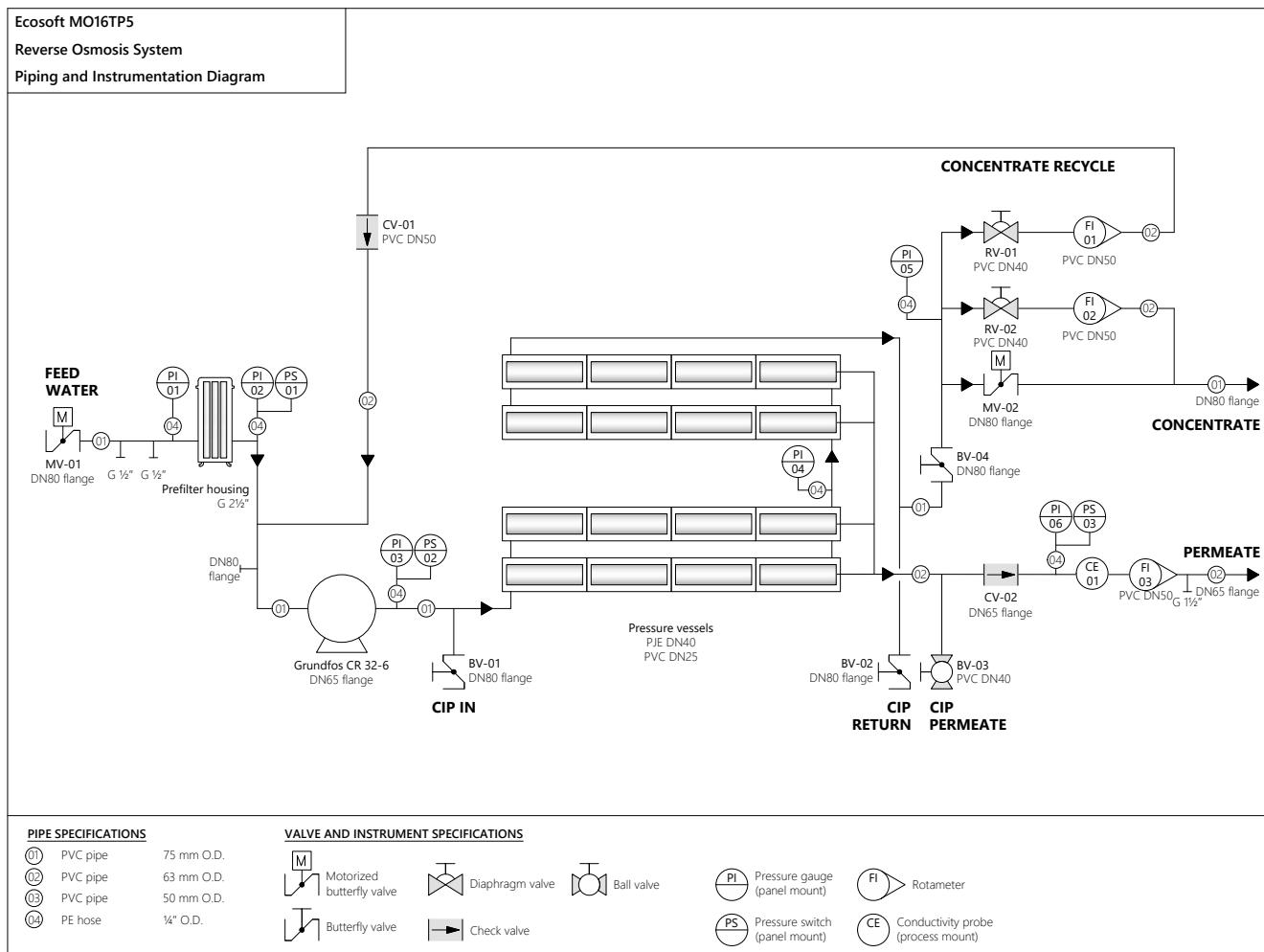
ECOSOFT MO16 RO FLOW CAPACITY GRAPH (WITH XLE-440 MEMBRANES)



Permeate flow rates are calculated under the following conditions:

- 2 bar influent water pressure
- 0 bar backpressure in the permeate line
- fresh membranes
- XLE-440 membrane

PIPES AND INSTRUMENTS DIAGRAM



ECOSOFT MO24 8" REVERSE OSMOSIS SYSTEM

APPLICATIONS

Process water, rinse water, steam boilers, heating and cooling circuits, agriculture, desalination, food and beverage, utility water treatment.



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

EQUIPMENT:

- Grundfos® CR 45-4 high pressure pump.....1 pcs
- 8040-4 membrane vessel.....6 pcs
- Stainless steel housing with 7 PP 2,5 × 40" filters...2 pcs
- Motorized butterfly valves.....2 pcs
(feed water in, flush out)
- Balancing valves.....2 pcs
(concentrate reject, concentrate recycle)
- Electrical cabinet with Ecosoft controller.....1 set
- Piping, instrumentation.....1 set
- Steel frame.....1 set

OPTIONS

- Filmtec™ XLE-440 / ECO PRO-440
or Ecosoft ELP-8040 membranes
- Dosing pump for antiscalant or other RO chemicals
- Permeate inlet for permeate membrane rinse
- Raw water mixing line

CONNECTION PORT SIZES:

Influent water.....	DN80 (flange)
Permeate.....	DN65 (flange)
Concentrate.....	DN80 (flange)
CIP inlet.....	DN65 (flange)
CIP return.....	DN65 (flange)
CIP permeate.....	DN40 (G 1½")

PHYSICAL PARAMETERS:

Approximate dimensions (installed).....	5.50 × 1.60 × 2.40 m (Width × Depth × Height, ±5%)
Approximate weight (bare).....	1100 kg
Approximate weight (crated).....	1500 kg

ECOSOFT MO24 8" REVERSE OSMOSIS SYSTEM

Code	Product	Flow capacity, m³/h (GPH)	Membranes**
MO24TP5	Ecosoft MO24 RO System	24–28 (6 400–7 400)	24/80 x 40

** Membranes are not included

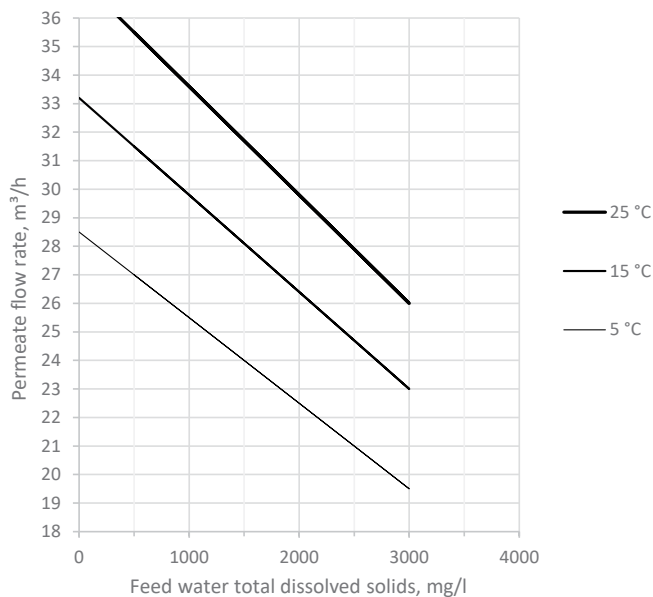
TECHNICAL SPECIFICATION

Permeate capacity ¹	24 m³/h
Permeate recovery ²	75%
Maximum TDS	3000 mg/L
Influent flow demand	30...40 m³/h
Operating pressure	8...12 bar
Maximum pressure	14 bar
Electrical requirements	380...400 V, 50 Hz (3 ph)
Electrical power	18.5 kW
Prefilter rating	5 µm

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

² for low scaling/fouling water

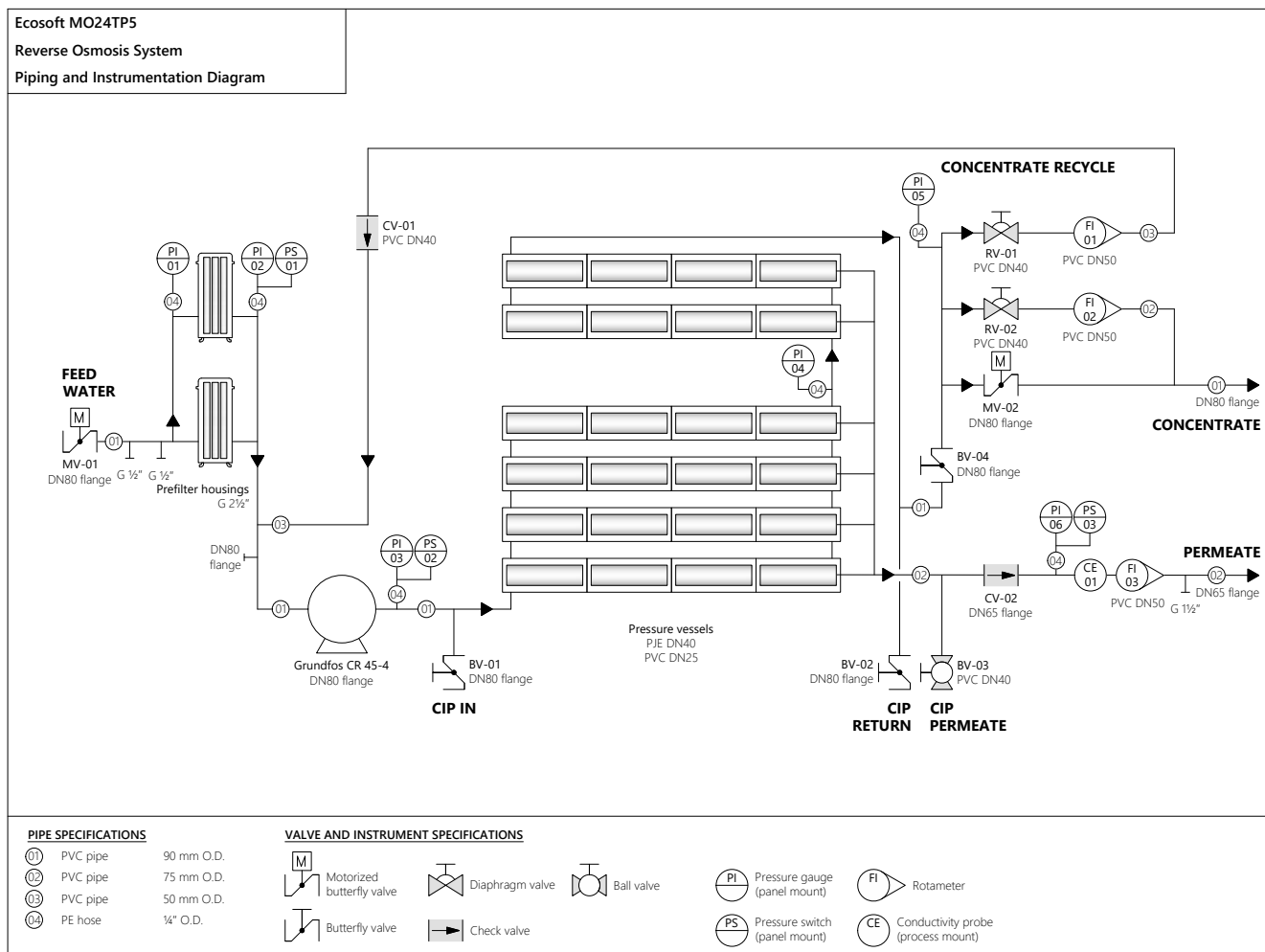
ECOSOFT MO24 RO FLOW CAPACITY GRAPH (WITH XLE-440 MEMBRANES)



Permeate flow rates are calculated under the following conditions:

- 2 bar influent water pressure
- 0 bar backpressure in the permeate line
- fresh membranes
- XLE-440 membrane

PIPES AND INSTRUMENTS DIAGRAM



ECOSOFT MO48 8" REVERSE OSMOSIS SYSTEM

APPLICATIONS

Process water, rinse water, steam boilers, heating and cooling circuits, agriculture, desalination, food and beverage, utility water treatment.



EQUIPMENT:

- Grundfos® CR 64-4 high pressure pump.....1 pcs
- 8040-6 membrane vessel.....8 pcs
- Stainless steel housing with 7 PP 2,5 × 40" filters, 2 pcs
- Motorized butterfly valves.....2 pcs
- Balancing valves.....2 pcs
- Electrical cabinet with Ecosoft controller.....1 set
- Piping, instrumentation.....1 set
- Steel frame.....1 set

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

CIP station does not included to the system

OPTIONS:

- Filmtec™ XLE-440 / ECO PRO-440 or Ecosoft ELP-8040 membranes
- Dosing pump for antiscalant or other RO chemicals
- Permeate inlet for permeate membrane rinse
- Raw water mixing line

CONNECTION PORT SIZES:

Influent water.....	DN100 (flange)
Permeate.....	DN100 (flange)
Concentrate.....	DN100 (flange)
CIP inlet.....	DN80 (flange)
CIP return.....	DN80 (flange)

PHYSICAL PARAMETERS:

Approximate dimensions (installed).....	7.00 × 2.40 × 2.50 m (Width × Depth × Height, ±5%)
Approximate weight (bare).....	1900 kg
Approximate weight (crated).....	2400 kg

ECOSOFT MO48 8" REVERSE OSMOSIS SYSTEM

Code	Product	Flow capacity, m³/h (GPH)	Membranes**
MO48TP5	Ecosoft MO48 RO System	48–56 (12 700–14 800)	48/80 x 40

** Membranes are not included

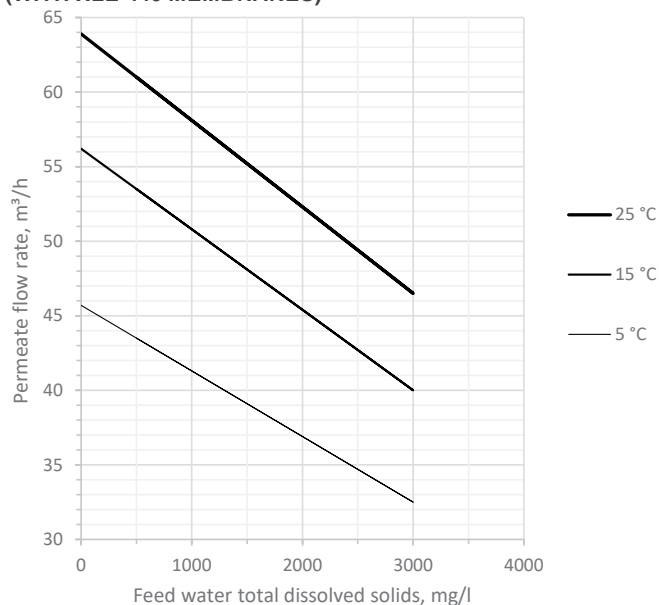
TECHNICAL SPECIFICATION

Permeate capacity ¹	48 m³/h
Permeate recovery ²	75%
Maximum TDS	3000 mg/L
Influent flow demand	65...80 m³/h
Operating pressure	8...12 bar
Maximum pressure	14 bar
Electrical requirements	380...400 V, 50 Hz (3 ph)
Electrical power	22 kW
Prefilter rating	5 µm

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

² for low scaling/fouling water

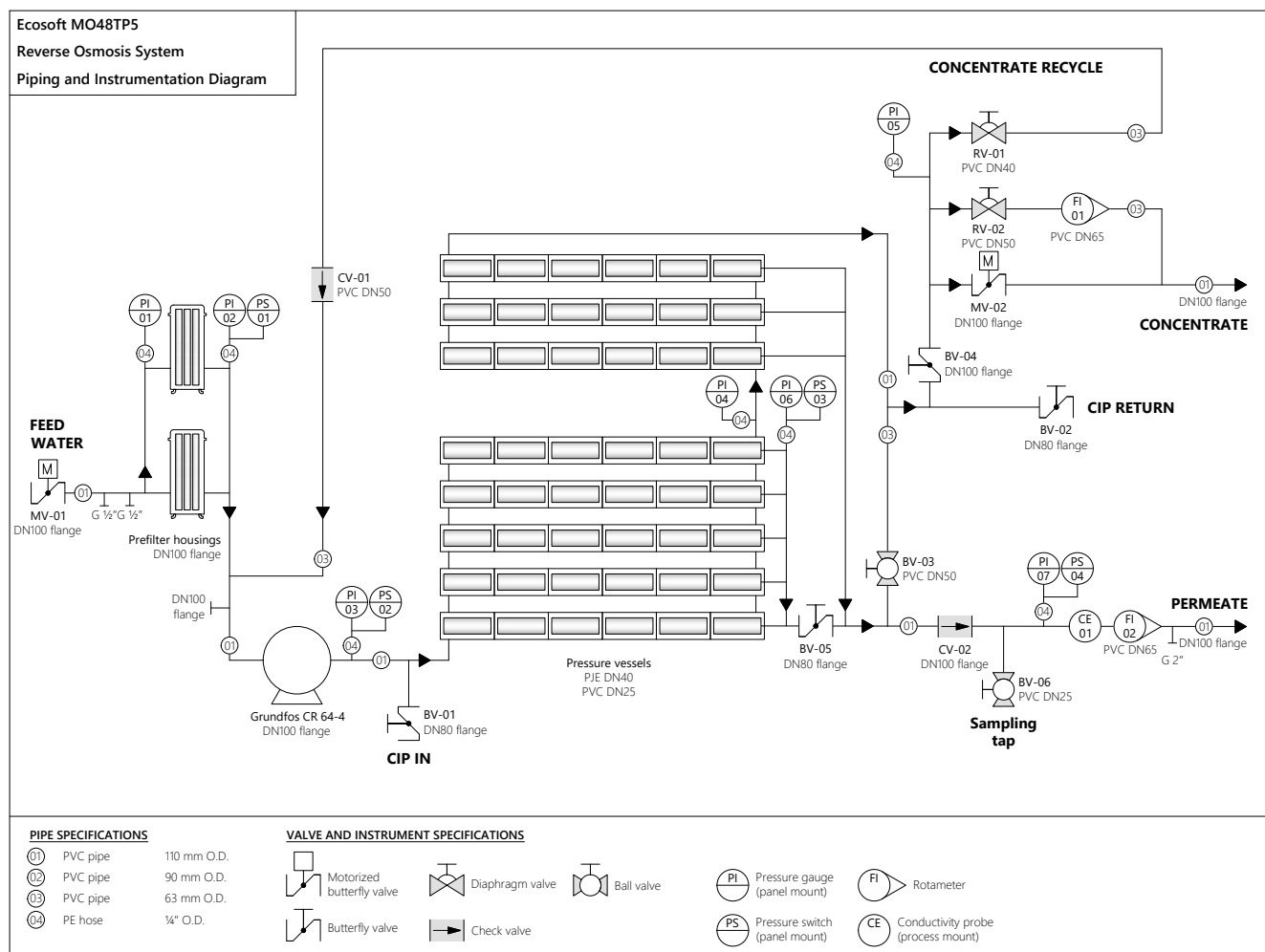
ECOSOFT MO48 RO FLOW CAPACITY GRAPH (WITH XLE-440 MEMBRANES)



Permeate flow rates are calculated under the following conditions:

- 2 bar influent water pressure
- 0 bar backpressure in the permeate line
- fresh membranes
- XLE-440 membrane

PIPES AND INSTRUMENTS DIAGRAM



PERMEATE FLUSHING ASSEMBLY FOR ECOSOFT MO2...MO48 8" RO SYSTEMS

APPLICATIONS

The product fits an already operating reverse osmosis system, with the use of only a few basic tools*.

The flushing assembly has a large flow capacity for efficient flushing of the membranes.

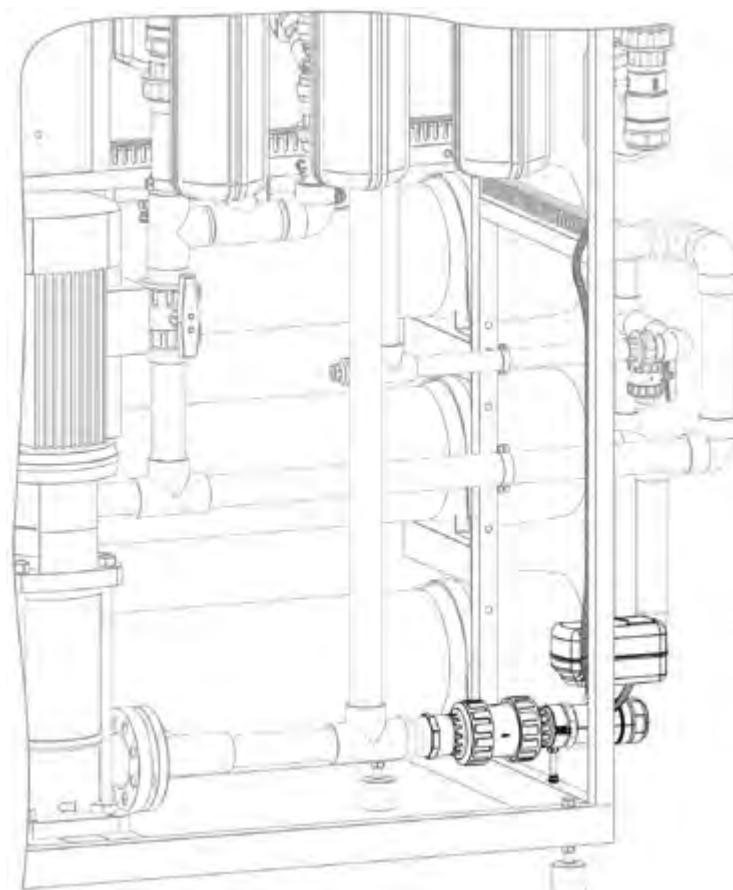
Duration and frequency of membrane flushes are set up in the controller settings.

THE PRODUCT IS USED IN THE FOLLOWING CASES:

- Insufficient supply water flow capacity for normal membrane flush
- Longer membrane service life before CIP is required, especially on difficult feed water analysis
- Supply water treatment process can be sized to a smaller flow capacity absent the peak flow demand during membrane flush
- Ecosoft industrial reverse osmosis systems have built-in flush ports for the flushing assembly connection.

COMPONENTS

- Motorized valve
- PVC piping assembly with PVC check valve
- Pipe clamp and fasteners
- Installation and connection instructions



WARNING!

To flush the membranes with permeate, it is necessary to use a purified water pump with sufficient capacity (according to the technical characteristics of the reverse osmosis system).

The pump must be connected to the flushing unit with a permeate pipe of at least the nominal diameter of the flushing unit.

PERMEATE FLUSHING ASSEMBLY FOR ECOSOFT MO2...MO48 8" RO SYSTEMS

Code	For systems	Recommended flow rate	Connection port size
PMO1234	MO2TP5, MO3TP5, MO4TP5, MO2TI5, MO3TI5, MO4TI5	8 m³/h	DN40
PMO69	MO6TP5, MO9TP5, MO6TI5, MO9TI5	15 m³/h	DN50
PMO1224	MO12TP5, MO16TP5, MO24TP5, MO12TI5, MO16TI5, MO24TI5	30 m³/h	DN80
PMO3048	MO36TP5, MO48TP5, MO36TI5, MO48TI5	50 m³/h	DN100

RAW WATER BLENDING ASSEMBLY FOR ECOSOFT MO2...MO48 8" RO SYSTEMS

APPLICATIONS

The product fits an already operating reverse osmosis system, with the use of only a few basic tools*.

The raw water blending assembly has a separate inlet for blending water from any source point to the purified water.

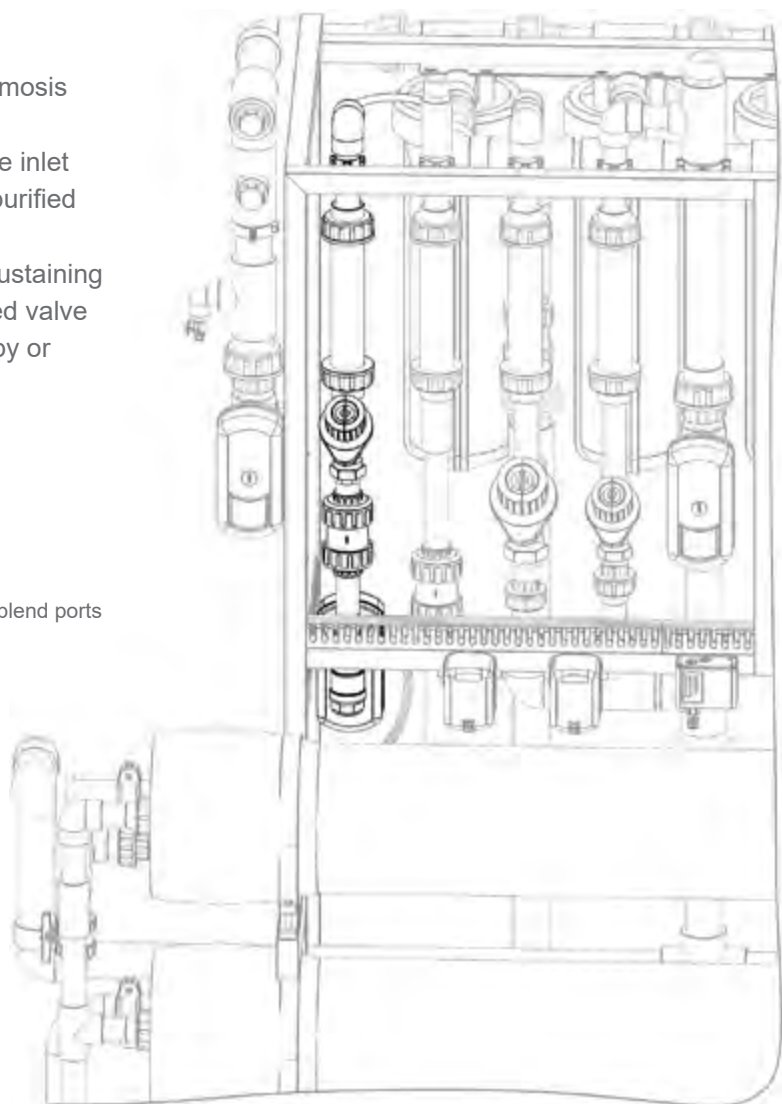
The balancing valve is used for regulating and sustaining the required flow rate of raw water. The motorized valve opens during service and shuts off during standby or downtime.

THE PRODUCT IS USED IN THE FOLLOWING CASES:

- Amending the mineral composition of product water
- Increasing the product water capacity
- Ecosoft industrial reverse osmosis systems have built-in blend ports for the blending assembly connection.

COMPONENTS

- Motorized valve
- PVC check valve
- Balancing valve
- Rotameter
- PVC pipeline, mounting clamps
- Installation and connection instructions



RAW WATER BLENDING ASSEMBLY FOR ECOSOFT MO2...MO48 8" RO SYSTEMS

Code	For systems	Maximum flow rate	Connection port size
IMO1234	MO2TP5, MO3TP5, MO4TP5, MO2TI5, MO3TI5, MO4TI5	2,5 m³/h	DN15
IMO69	MO6TP5, MO9TP5, MO6TI5, MO9TI5	6 m³/h	DN25
IMO1224	MO12TP5, MO16TP5, MO24TP5, MO12TI5, MO16TI5, MO24TI5	16 m³/h	DN40
IMO3048	MO36TP5, MO48TP5, MO36TI5, MO48TI5	25 m³/h	DN50

4"

REVERSE OSMOSIS SYSTEMS

Ecosoft's numerous customers who operate swimming pools, water kiosks, boiler rooms, garden centers, restaurants, etc. can attest to excellent quality and efficiency of Ecosoft reverse osmosis machines.

We have different solutions for your small scale business that will be suitable for any specific conditions.



ADVANCED 4" REVERSE OSMOSIS SYSTEMS

- premium line of filters with improved engineering features
- equipped with stainless steel piping and frame
- Ecosoft controller OC6000 with econnect functionality for online access to the system
- well-suited for water with TDS up to 3 000 mg/L

PROFESSIONAL 4" REVERSE OSMOSIS SYSTEMS

- best price-quality ratio
- proven engineering with a smart design and reliable instrumentation
- Ecosoft controller OC5000 is designed for automatic control of system
- well-suited for water with TDS up to 3 000 mg/L



COST EFFECTIVE 4" REVERSE OSMOSIS SYSTEMS

- budget-saving solution for your purified water needs
- tiny footprint and compact design suitable for smaller premises
- Ecosoft controller OC5000 is designed for automatic control of system
- well-suited for water with TDS up to 3 000 mg/L

4" REVERSE OSMOSIS SYSTEMS FOR BRACKISH WATER

- typical area of applications include arid climate regions and coastal well water desalination
- stainless steel pipes ensure system operation at high pressure
- Ecosoft controller OC6000 with econnect functionality providing online access to the system coastal well water desalination
- well-suited for water with TDS up to 10 000 mg/L



ADVANCED ECOSOFT INOX MO6500 4" REVERSE OSMOSIS SYSTEM



APPLICATIONS

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

EQUIPMENT

- Grundfos® CM 1-10 pump
- 300 psi membrane vessel
- BB10 sediment prefilter
- Electrical panel with Ecosoft controller
- Danfoss solenoid valves
- Piping, instrumentation
- AISI 304 Stainless steel frame
- Wooden crate

KEY FEATURES

- Ecosoft controller OC6000 with econnect functionality providing online access to the RO machine
- Easy to use thanks to smart architecture
- Universal system construction allows connecting options of permeate flushing and raw water blending
- Grundfos worldwide guaranty
- CE marked and confirmed to be safe in accordance with EC New Approach Directives

OPTIONS

- Filmtec™ XLE-4040 / LCLE-4040 or Ecosoft ELP-4040 membrane
- Dosing pump for antiscalant
- Versatile set for raw water blending (30...240 L/h) or permeate flushing

PHYSICAL PARAMETERS

Influent water, concentrate, permeate	G ½"
Antiscalant dosing port	G ½"
Permeate flushing input port	G ½"
Approx. weight (bare system / crate)	55 kg 80 kg
Dimensions (bare system, W × D × H)	0.55 × 0.42 × 1.50 m
Dimensions (crate, W × D × H)	0.60 × 0.50 × 1.65 m



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

ADVANCED ECOSOFT INOX MO6500 4" REVERSE OSMOSIS SYSTEM

Code	Product	Flow rate, L/h (GPH)	Membranes**	Pieces on pallet
MO6500TI6	Ecosoft INOX MO6500 Econnect RO System	200–300 (50–80)	1/40 x 40	4

** Membranes are not included in the package

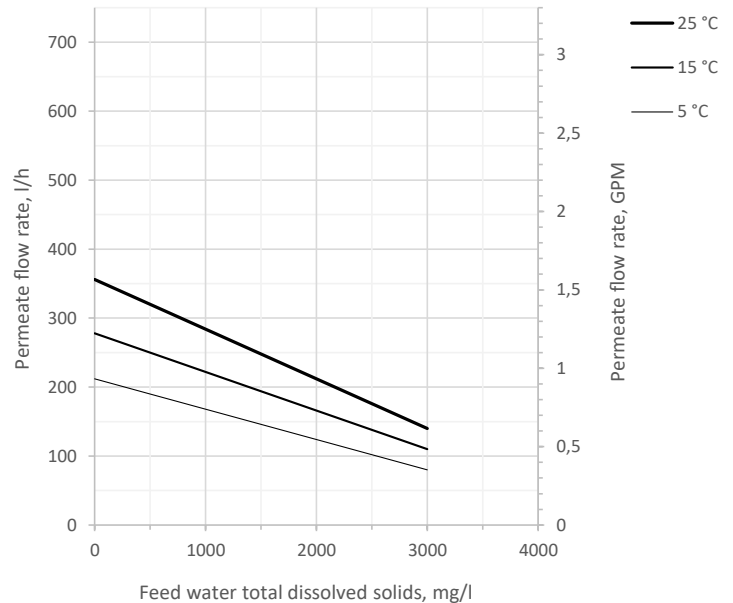
TECHNICAL SPECIFICATION

Permeate capacity ¹	250 L/h
Permeate recovery ²	75%
Maximum TDS	3000 mg/L
Influent flow demand	320...400 L/h (service) 1500...2000 L/h (rinse)
Operating pressure	8...12 bar
Maximum pressure	14 bar
Electrical requirements	230 V, 50 Hz (1 ph)
Electrical power	0.7 kW
Prefilter rating	5 µm

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

² for low scaling/fouling water

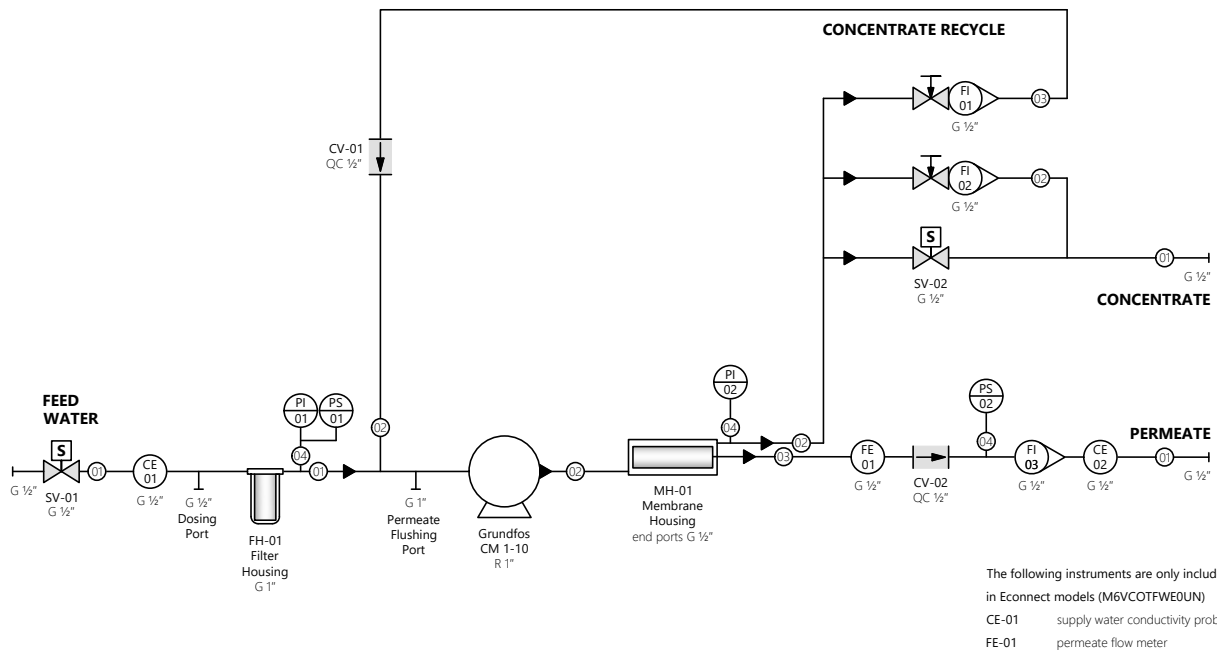
ECOSOFT MO6500 FLOW CAPACITY (WITH XLE-4040 MEMBRANE)
















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

Ecosoft MO6500T16
Reverse Osmosis System
Piping and Instrumentation Diagram



The following instruments are only included in Econnect models (M6VCOTFWEDUN)
 CE-01 supply water conductivity probe
 FE-01 permeate flow meter

PIPES AND CONNECTIONS				VALVES		INSTRUMENTS		
	PVC pipe	20 mm O.D.	G	parallel BSPT thread		Solenoid Valve	 Pressure gauge (panel mount)	 Conductivity probe (process mount)
	PVC hose	DN15, G½"	R	tapered BSPT thread		Needle Valve	 Pressure switch (panel mount)	 Flow meter (process mount)
	PE hose	½" O.D.	PVC	polyvinylchloride (solvent weld)				
	PE hose	¾" O.D.	PE	polyethylene				
	PE hose	1¼" O.D.	QC	quick connect collet fitting		Check Valve	 Rotameter	

ADVANCED ECOSOFT INOX MO12000 4" REVERSE OSMOSIS SYSTEM

((ec))

APPLICATIONS

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

EQUIPMENT

- Grundfos® CM 1-10 pump
- 300 psi membrane vessels
- BB10 sediment prefilter
- Electrical panel with Ecosoft controller
- Danfoss solenoid valves
- Piping, instrumentation
- AISI 304 Stainless steel frame
- Wooden crate

KEY FEATURES

- Ecosoft controller OC6000 with econnect functionality providing online access to the RO machine
- Easy to use thanks to smart architecture
- Universal system construction allows connecting options of permeate flushing and raw water blending
- Grundfos worldwide guaranty
- CE marked and confirmed to be safe in accordance with EC New Approach Directives

OPTIONS

- Filmtec™ XLE-4040 / LCLE-4040 or Ecosoft ELP-4040 membrane
- Dosing pump for antiscalant
- Versatile set for raw water blending (30...240 L/h) or permeate flushing

PHYSICAL PARAMETERS

Influent water, concentrate, permeate	G ½"
Antiscalant dosing port	G ½"
Permeate flushing input port	G ½"
Approx. weight (bare system / crate)	60 kg 85 kg
Dimensions (bare system, W × D × H)	0.55 × 0.42 × 1.50 m
Dimensions (crate, W × D × H)	0.60 × 0.50 × 1.65 m



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

ADVANCED ECOSOFT INOX MO12000 4" REVERSE OSMOSIS SYSTEM

Code	Product	Flow rate, L/h (GPH)	Membranes**	Pieces on pallet
MO12000TI6	Ecosoft INOX MO12000 Econnect RO System	400–550 (100–150)	2/40 x 40	4

** Membranes are not included in the package

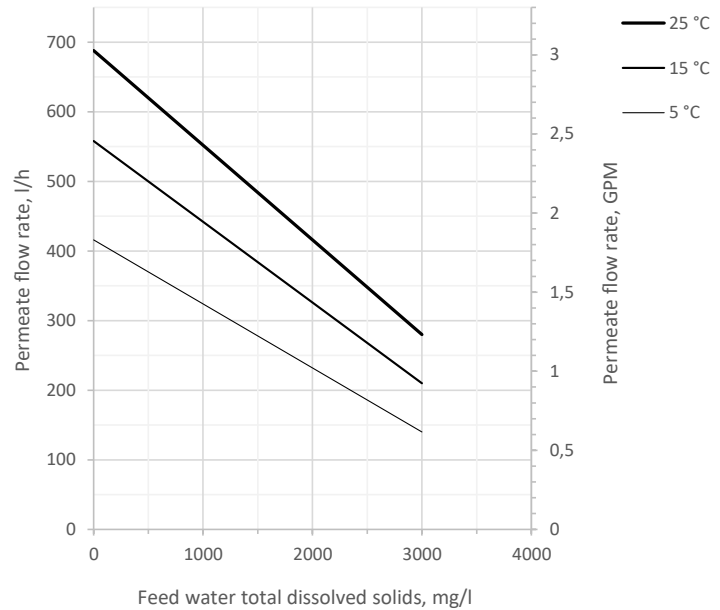
TECHNICAL SPECIFICATION

Permeate capacity ¹	500 L/h
Permeate recovery ²	75%
Maximum TDS	3000 mg/L
Influent flow demand	650...800 L/h (service) 1500...2000 L/h (rinse)
Operating pressure	8...12 bar
Maximum pressure	14 bar
Electrical requirements	230 V, 50 Hz (1 ph)
Electrical power	0.7 kW
Prefilter rating	5 µm

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

² for low scaling/fouling water

ECOSOFT MO12000 FLOW CAPACITY (WITH XLE-4040 MEMBRANES)

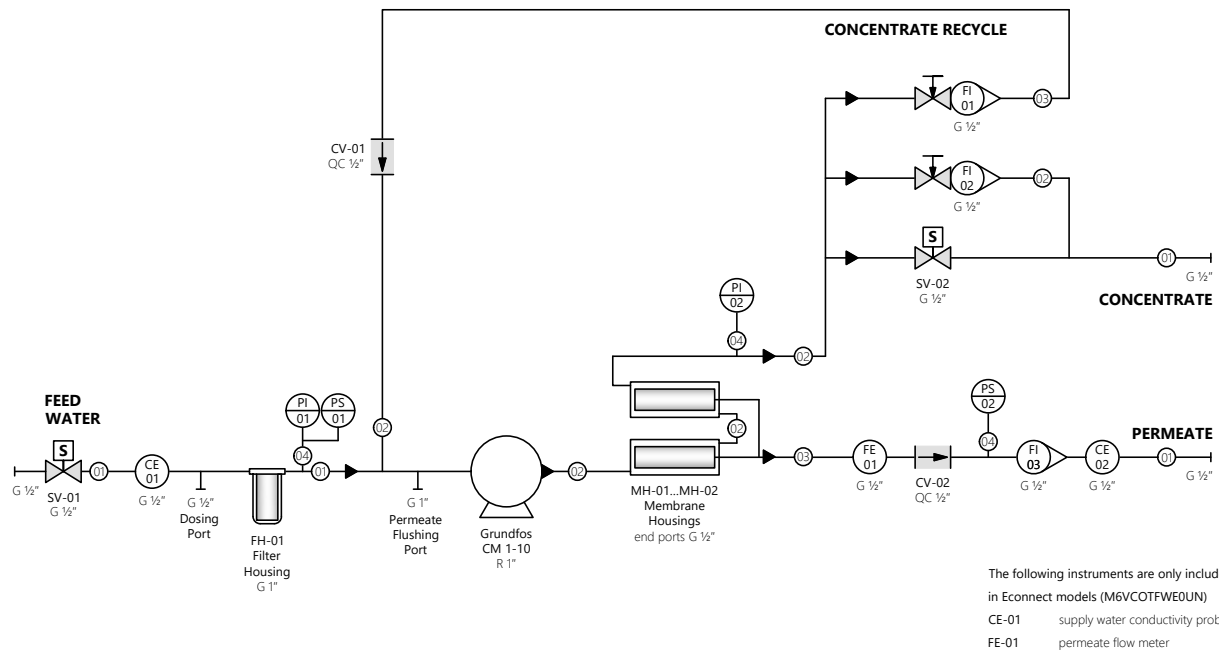


Permeate flow rates are calculated under the following conditions:

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

PIPES AND INSTRUMENTS DIAGRAM

Ecosoft MO12000T16
Reverse Osmosis System
Piping and Instrumentation Diagram



PIPES AND CONNECTIONS

—(01)—	PVC pipe	20 mm O.D.	G	parallel BSPT thread
—(02)—	PE hose	½" O.D.	R	tapered BSPT thread
—(03)—	PE hose	¾" O.D.	PVC	polyvinylchloride (solvent weld)
—(04)—	PE hose	¼" O.D.	PE	polyethylene
—(05)—	PE hose	¼" O.D.	QC	quick connect collet fitting

VALVES

	Solenoid Valve
	Needle Valve
	Check Valve

INSTRUMENTS

	Pressure gauge (panel mount)
	Conductivity probe (process mount)
	Pressure switch (panel mount)
	Flow meter (process mount)
	Rotameter

ADVANCED ECOSOFT INOX MO24000 4" REVERSE OSMOSIS SYSTEM

((ec))

APPLICATIONS

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

EQUIPMENT

- Grundfos® CM 3-14 pump
- 300 psi membrane vessels
- BB20 sediment prefilter
- Electrical panel with Ecosoft controller
- Danfoss solenoid valves
- Piping, instrumentation
- AISI 304 Stainless steel frame
- Wooden crate

KEY FEATURES

- Ecosoft controller OC6000 with econnect functionality providing online access to the RO machine
- Easy to use thanks to smart architecture
- Universal system construction allows connecting options of permeate flushing and raw water blending
- Grundfos worldwide guaranty
- CE marked and confirmed to be safe in accordance with EC New Approach Directives

OPTIONS

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

PHYSICAL PARAMETERS

Influent water, concentrate, permeate	G 1"	
Antiscalant dosing port	G ½"	
Permeate flushing input port	G 1"	
Raw water blending port	G ¾"	
Approx. weight (bare system / crate)	110 kg	150 kg
Dimensions (bare system, W × D × H)	0.70 × 0.60 × 1.50 m	
Dimensions (crate, W × D × H)	1.00 × 0.75 × 1.90 m	



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

ADVANCED ECOSOFT INOX MO24000 4" REVERSE OSMOSIS SYSTEM

Code	Product	Flow rate, L/h (GPH)	Membranes**	Pieces on pallet
MO24000TI6	Ecosoft INOX MO24000 Econnect RO System	1000–1200 (250–330)	4/40 x 40	1

** Membranes are not included in the package

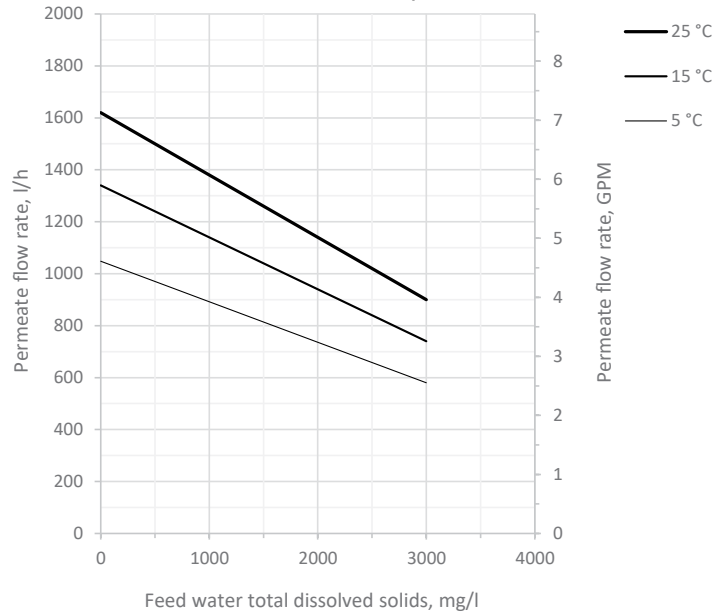
TECHNICAL SPECIFICATION

Permeate capacity ¹	1000 L/h
Permeate recovery ²	75%
Maximum TDS	3000 mg/L
Influent flow demand	1300...1500 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	2.0 kW
Prefilter rating	5 µm

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

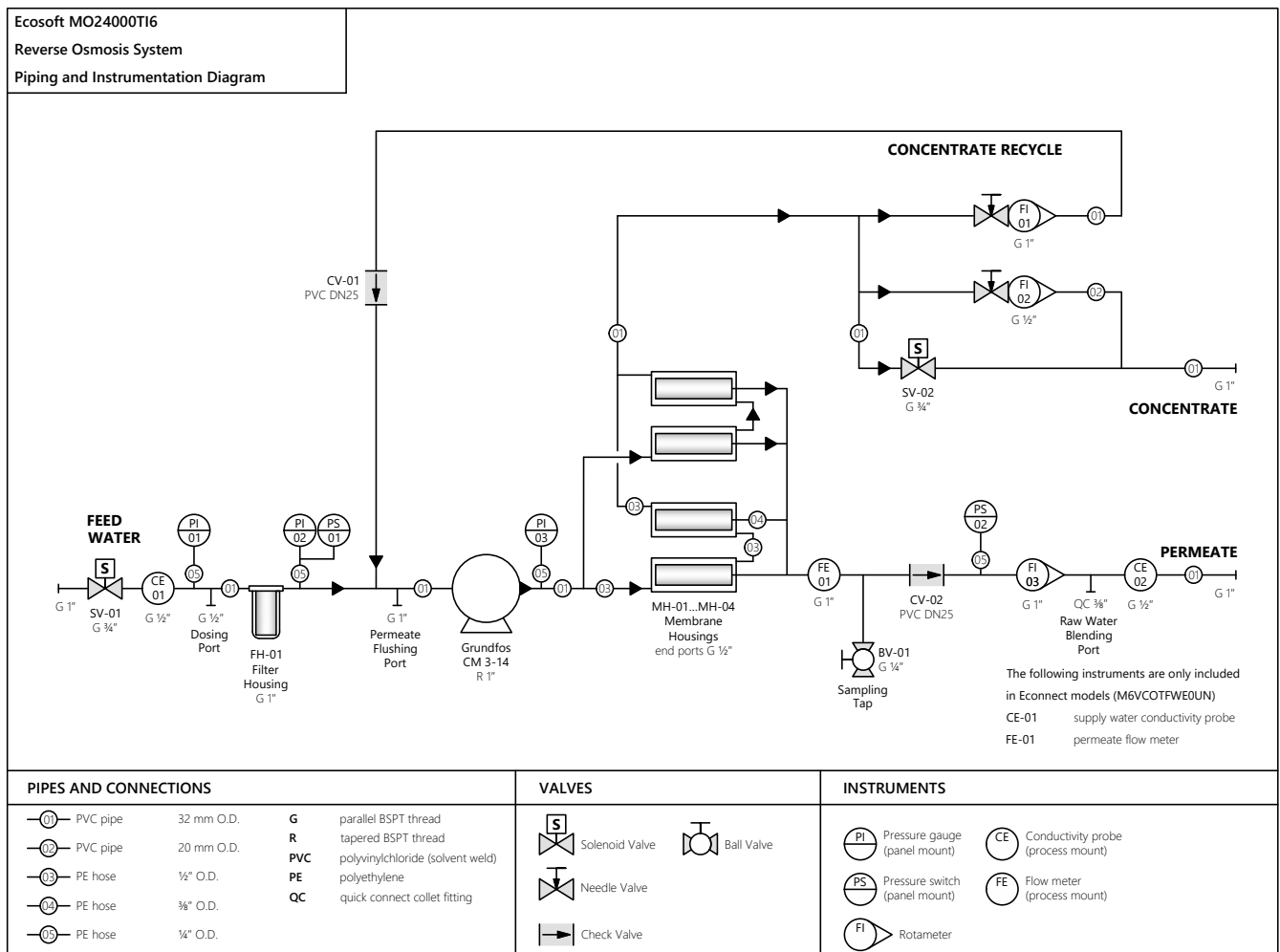
² for low scaling/fouling water

ECOSOFT MO24000 FLOW CAPACITY (WITH XLE-4040 MEMBRANES)



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



ADVANCED ECOSOFT INOX MO36000 4" REVERSE OSMOSIS SYSTEM



APPLICATIONS

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

EQUIPMENT

- Grundfos® CM 3-14 pump
- 300 psi membrane vessels
- BB20 sediment prefilter
- Electrical panel with Ecosoft controller
- Danfoss solenoid valves
- Piping, instrumentation
- AISI 304 Stainless steel frame
- Wooden crate

KEY FEATURES

- Ecosoft controller OC6000 with econnect functionality providing online access to the RO machine
- Easy to use thanks to smart architecture
- Universal system construction allows connecting options of permeate flushing and raw water blending
- Grundfos worldwide guaranty
- CE marked and confirmed to be safe in accordance with EC New Approach Directives

OPTIONS

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

PHYSICAL PARAMETERS

Influent water, concentrate, permeate	G 1"	
Antiscalant dosing port	G ½"	
Permeate flushing input port	G 1"	
Raw water blending port	G ¾"	
Approx. weight (bare system / crate)	130 kg	170 kg
Dimensions (bare system, W × D × H)	0.90 × 0.60 × 1.50 m	
Dimensions (crate, W × D × H)	1.20 × 0.75 × 1.90 m	



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

ADVANCED ECOSOFT INOX MO36000 4" REVERSE OSMOSIS SYSTEM

Code	Product	Flow rate, L/h (GPH)	Membranes**	Pieces on pallet
MO36000TI6	Ecosoft INOX MO36000 Econnect RO System	1400–1600 (350–420)	6/40 x 40	1

** Membranes are not included in the package

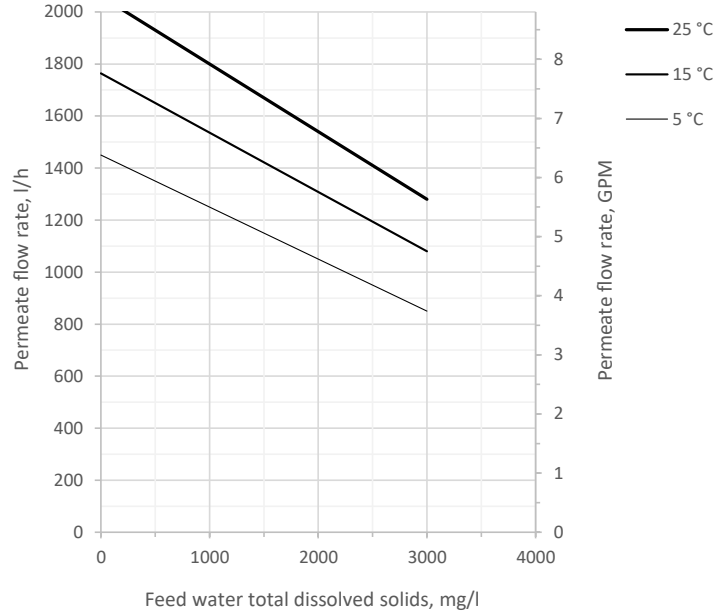
TECHNICAL SPECIFICATION

Permeate capacity ¹	1500 L/h
Permeate recovery ²	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	2.0 kW
Prefilter rating	5 µm

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

² for low scaling/fouling water

ECOSOFT MO36000 FLOW CAPACITY (WITH XLE-4040 MEMBRANES)

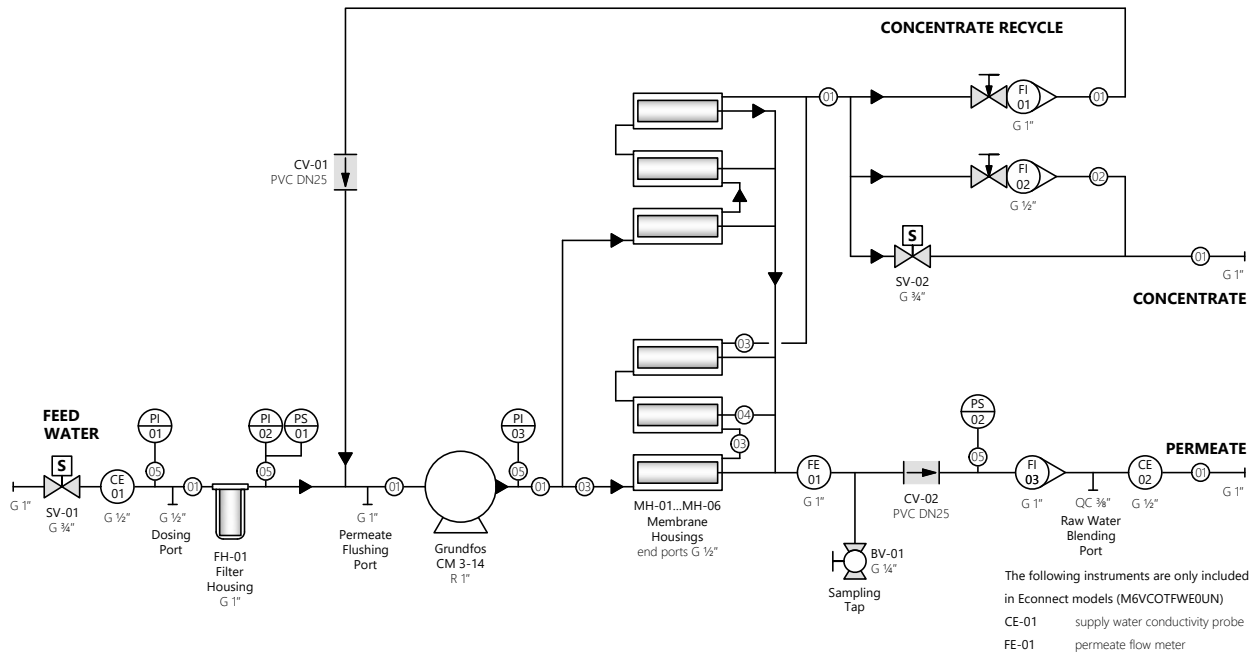


Permeate flow rates are calculated under the following conditions:

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

PIPES AND INSTRUMENTS DIAGRAM

Ecosoft MO36000T16
Reverse Osmosis System
Piping and Instrumentation Diagram



PIPES AND CONNECTIONS

—(01)—	PVC pipe	32 mm O.D.	G	parallel BSPT thread
—(02)—	PVC pipe	20 mm O.D.	R	tapered BSPT thread
—(03)—	PE hose	½" O.D.	PVC	polyvinylchloride (solvent weld)
—(04)—	PE hose	¾" O.D.	PE	polyethylene
—(05)—	PE hose	¼" O.D.	QC	quick connect collet fitting

VALVES

	Solenoid Valve		Ball Valve
	Needle Valve		
	Check Valve		

INSTRUMENTS

	Pressure gauge (panel mount)		Conductivity probe (process mount)
	Pressure switch (panel mount)		Flow meter (process mount)
	Rotameter		

PROFESSIONAL ECOSOFT MO6500 4" REVERSE OSMOSIS SYSTEM

APPLICATIONS

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

EQUIPMENT

- Grundfos® CM 1-10 pump
- 300 psi membrane vessel
- BB10 sediment prefilter
- Electrical panel with Ecosoft controller
- Danfoss solenoid valves
- Piping, instrumentation
- Steel frame
- Wooden crate

KEY FEATURES

- Ecosoft controller OC5000
- Easy to use thanks to smart architecture
- Universal system construction allows connecting options of permeate flushing and raw water blending
- Grundfos worldwide guaranty
- CE marked and confirmed to be safe in accordance with EC New Approach Directives

OPTIONS

- Filmtec™ XLE-4040 / LCLE-4040 or Ecosoft ELP-4040 membrane
- Dosing pump for antiscalant
- Versatile set for raw water blending (30...240 L/h) or permeate flushing

PHYSICAL PARAMETERS

Influent water, concentrate, permeate	G ½"	
Antiscalant dosing port	G ½"	
Permeate flushing input port	G ½"	
Approx. weight (bare system / crate)	55 kg	80 kg
Dimensions (bare system, W × D × H)	0.55 × 0.42 × 1.50 m	
Dimensions (crate, W × D × H)	0.60 × 0.50 × 1.65 m	



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

PROFESSIONAL ECOSOFT MO6500 4" REVERSE OSMOSIS SYSTEM

Code	Product	Flow rate, L/h (GPH)	Membranes**	Pieces on pallet
MO6500TP5	Ecosoft MO6500 RO System	200–300 (50–80)	1/40 x 40	4

** Membranes are not included in the package

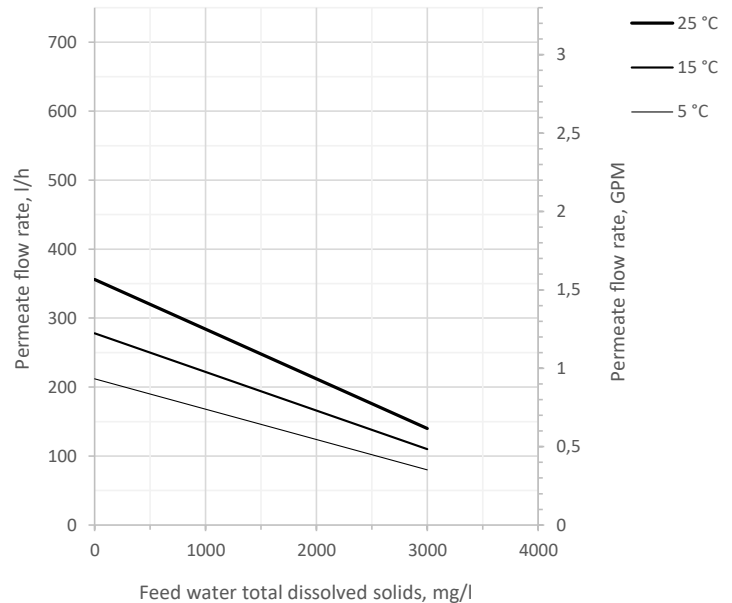
TECHNICAL SPECIFICATION

Permeate capacity ¹	250 L/h
Permeate recovery ²	75%
Maximum TDS	3000 mg/L
Influent flow demand	320...400 L/h (service) 1500...2000 L/h (rinse)
Operating pressure	8...12 bar
Maximum pressure	14 bar
Electrical requirements	230 V, 50 Hz (1 ph)
Electrical power	0.7 kW
Prefilter rating	5 µm

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

² for low scaling/fouling water

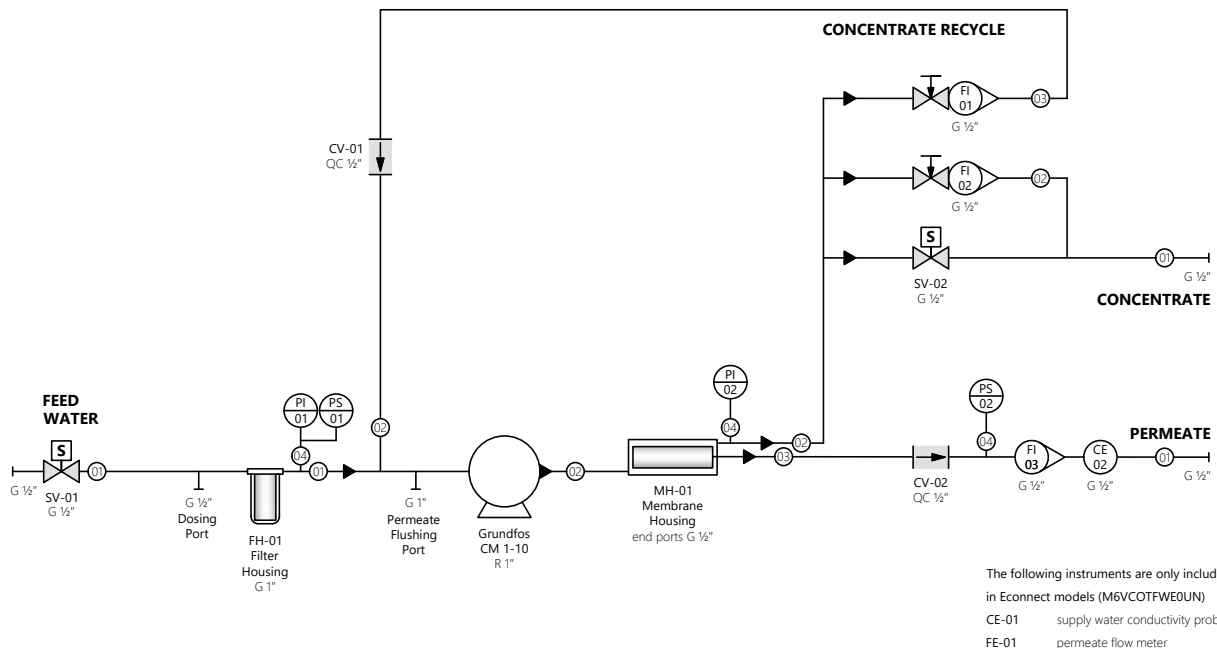
ECOSOFT MO6500 FLOW CAPACITY (WITH XLE-4040 MEMBRANES)



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

Ecosoft MO6500TP5
Reverse Osmosis System
Piping and Instrumentation Diagram



PIPES AND CONNECTIONS			VALVES	INSTRUMENTS	
—(01)—	PVC pipe	20 mm O.D.	Solenoid Valve Needle Valve Check Valve	Pressure gauge (panel mount) Pressure switch (panel mount) Rotameter	Conductivity probe (process mount) Flow meter (process mount)
—(02)—	PVC hose	DN15, G 1/2"			
—(03)—	PE hose	1/2" O.D.			
—(04)—	PE hose	3/8" O.D.			
—(05)—	PE hose	1/4" O.D.			

PROFESSIONAL ECOSOFT MO12000 4" REVERSE OSMOSIS SYSTEM

APPLICATIONS

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

EQUIPMENT

- Grundfos® CM 1-10 pump
- 300 psi membrane vessels
- BB10 sediment prefilter
- Electrical panel with Ecosoft controller
- Danfoss solenoid valves
- Piping, instrumentation
- Steel frame
- Wooden crate

KEY FEATURES

- Ecosoft controller OC5000
- Easy to use thanks to smart architecture
- Universal system construction allows connecting options of permeate flushing and raw water blending
- Grundfos worldwide guaranty
- CE marked and confirmed to be safe in accordance with EC New Approach Directives

OPTIONS

- Filmtec™ XLE-4040 / LCLE-4040 or Ecosoft ELP-4040 membrane
- Dosing pump for antiscalant
- Versatile set for raw water blending (30...240 L/h) or permeate flushing

PHYSICAL PARAMETERS

Influent water, concentrate, permeate	G ½"	
Antiscalant dosing port	G ½"	
Permeate flushing input port	G ½"	
Approx. weight (bare system / crate)	60 kg	85 kg
Dimensions (bare system, W × D × H)	0.55 × 0.42 × 1.50 m	
Dimensions (crate, W × D × H)	0.60 × 0.50 × 1.65 m	



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

PROFESSIONAL ECOSOFT MO12000 4" REVERSE OSMOSIS SYSTEM

Code	Product	Flow rate, L/h (GPH)	Membranes**	Pieces on pallet
MO12000TP5	Ecosoft MO12000 RO System	400–550 (100–150)	2/40 x 40	4

** Membranes are not included in the package

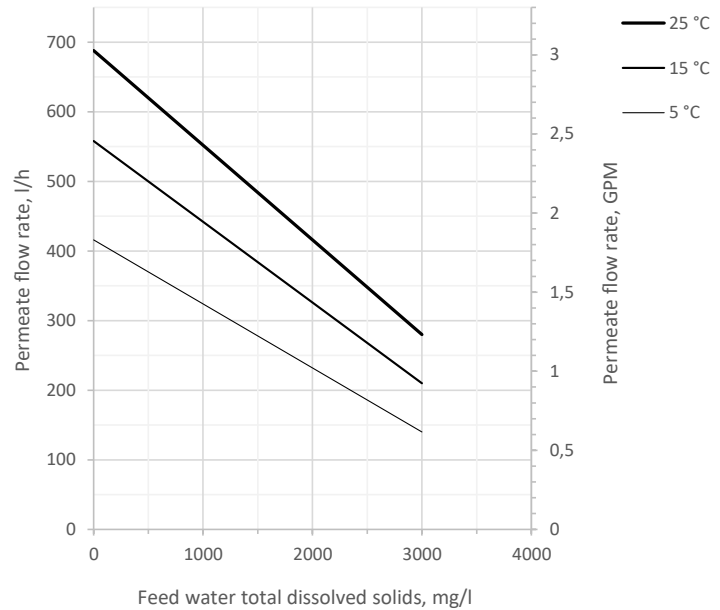
TECHNICAL SPECIFICATION

Permeate capacity ¹	500 L/h
Permeate recovery ²	75%
Maximum TDS	3000 mg/L
Influent flow demand	650...800 L/h (service) 1500...2000 L/h (rinse)
Operating pressure	8...12 bar
Maximum pressure	14 bar
Electrical requirements	230 V, 50 Hz (1 ph)
Electrical power	0.7 kW
Prefilter rating	5 µm

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

² for low scaling/fouling water

ECOSOFT MO12000 FLOW CAPACITY (WITH XLE-4040 MEMBRANES)

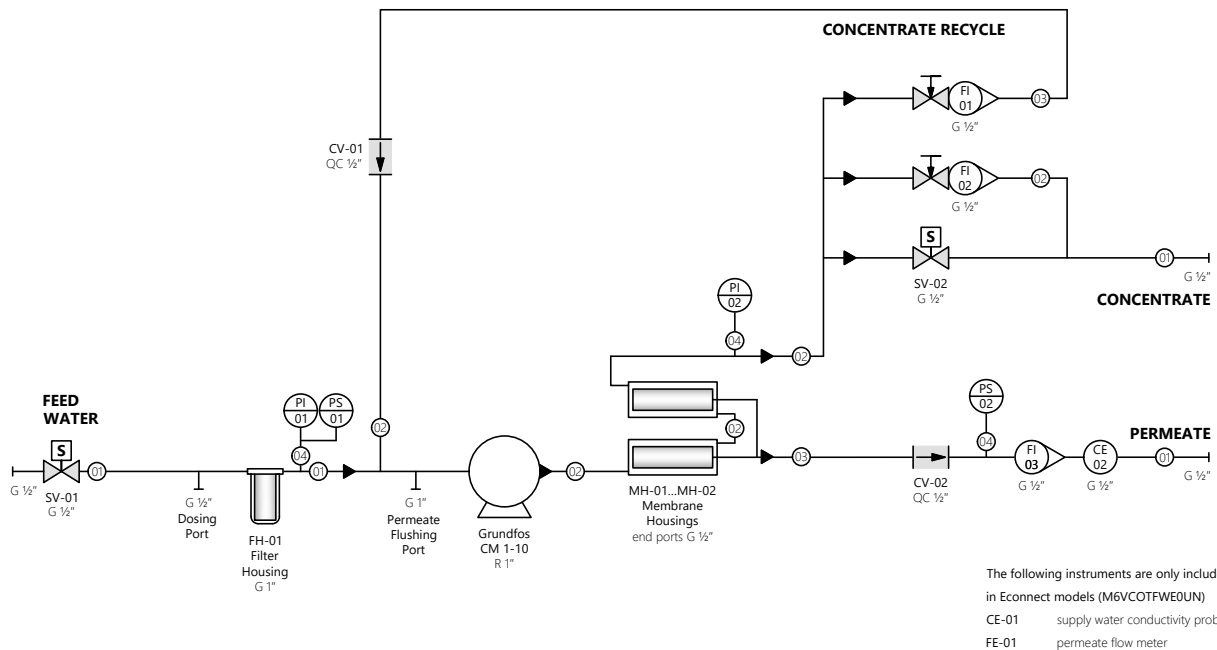


Permeate flow rates are calculated under the following conditions:

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

PIPES AND INSTRUMENTS DIAGRAM

Ecosoft MO12000TP5
Reverse Osmosis System
Piping and Instrumentation Diagram



The following instruments are only included in Econnect models (M6VCOTFWEDUN)

- CE-01 supply water conductivity probe
- FE-01 permeate flow meter

PIPES AND CONNECTIONS

—(01)—	PVC pipe	20 mm O.D.	G	parallel BSPT thread
—(02)—	PE hose	1/2" O.D.	R	tapered BSPT thread
—(03)—	PE hose	3/8" O.D.	PVC	polyvinylchloride (solvent weld)
—(04)—	PE hose	1/4" O.D.	PE	polyethylene
			QC	quick connect collet fitting

VALVES

	Solenoid Valve
	Needle Valve
	Check Valve

INSTRUMENTS

	Pressure gauge (panel mount)		Conductivity probe (process mount)
	Pressure switch (panel mount)		Flow meter (process mount)
	Rotameter		

PROFESSIONAL ECOSOFT MO24000 4" REVERSE OSMOSIS SYSTEM

APPLICATIONS

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

EQUIPMENT

- Grundfos® CM 3-14 pump
- 300 psi membrane vessels
- BB20 sediment prefilter
- Electrical panel with Ecosoft controller
- Danfoss solenoid valves
- Piping, instrumentation
- Steel frame
- Wooden crate

KEY FEATURES

- Ecosoft controller OC5000
- Easy to use thanks to smart architecture
- Universal system construction allows connecting options of permeate flushing and raw water blending
- Grundfos worldwide guaranty
- CE marked and confirmed to be safe in accordance with EC New Approach Directives

OPTIONS

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

PHYSICAL PARAMETERS

Influent water, concentrate, permeate	G 1"	
Antiscalant dosing port	G ½"	
Permeate flushing input port	G 1"	
Raw water blending port	G ¾"	
Approx. weight (bare system / crate)	110 kg	150 kg
Dimensions (bare system, W × D × H)	0.70 × 0.60 × 1.50 m	
Dimensions (crate, W × D × H)	1.00 × 0.75 × 1.90 m	



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

PROFESSIONAL ECOSOFT MO24000 4" REVERSE OSMOSIS SYSTEM

Code	Product	Flow rate, L/h (GPH)	Membranes**	Pieces on pallet
MO24000TP5	Ecosoft MO24000 RO System	1000–1200 (250–330)	4/40 x 40	1

** Membranes are not included in the package

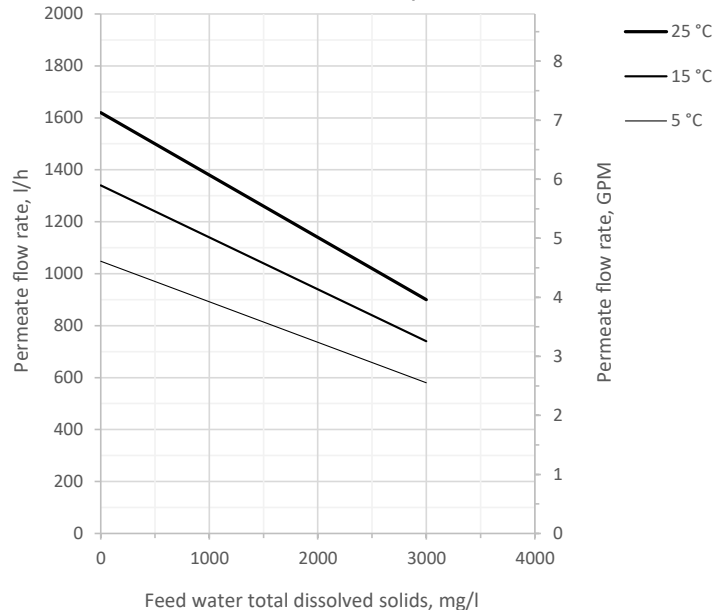
TECHNICAL SPECIFICATION

Permeate capacity ¹	1000 L/h
Permeate recovery ²	75%
Maximum TDS	3000 mg/L
Influent flow demand	1300...1500 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	2.0 kW
Prefilter rating	5 µm

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

² for low scaling/fouling water

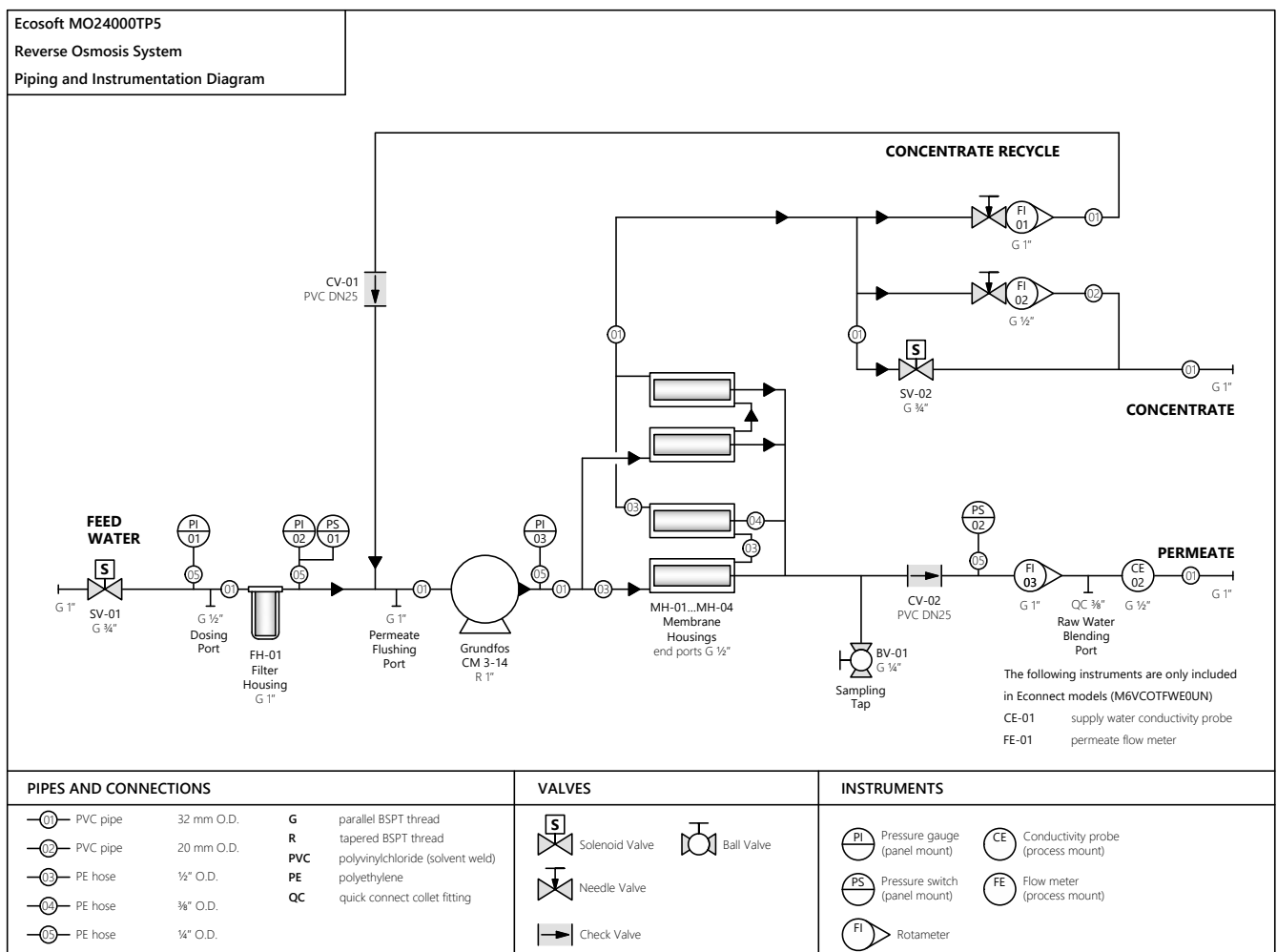
ECOSOFT MO24000 FLOW CAPACITY (WITH XLE-4040 MEMBRANES)



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



PROFESSIONAL ECOSOFT MO36000 4" REVERSE OSMOSIS SYSTEM

APPLICATIONS

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

EQUIPMENT

- Grundfos® CM 3-14 pump
- 300 psi membrane vessels
- BB20 sediment prefilter
- Electrical panel with Ecosoft controller
- Danfoss solenoid valves
- Piping, instrumentation
- Steel frame
- Wooden crate

KEY FEATURES

- Ecosoft controller OC5000
- Easy to use thanks to smart architecture
- Universal system construction allows connecting options of permeate flushing and raw water blending
- Grundfos worldwide guaranty
- CE marked and confirmed to be safe in accordance with EC New Approach Directives

OPTIONS

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

PHYSICAL PARAMETERS

Influent water, concentrate, permeate	G 1"	
Antiscalant dosing port	G ½"	
Permeate flushing input port	G 1"	
Raw water blending port	G ¾"	
Approx. weight (bare system / crate)	130 kg	170 kg
Dimensions (bare system, W × D × H)	0.90 × 0.60 × 1.50 m	
Dimensions (crate, W × D × H)	1.20 × 0.75 × 1.90 m	



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

PROFESSIONAL ECOSOFT MO24000 4" REVERSE OSMOSIS SYSTEM

Code	Product	Flow rate, L/h (GPH)	Membranes**	Pieces on pallet
MO36000TP5	Ecosoft MO36000 RO System	1400–1600 (350–420)	6/40 x 40	1

** Membranes are not included in the package

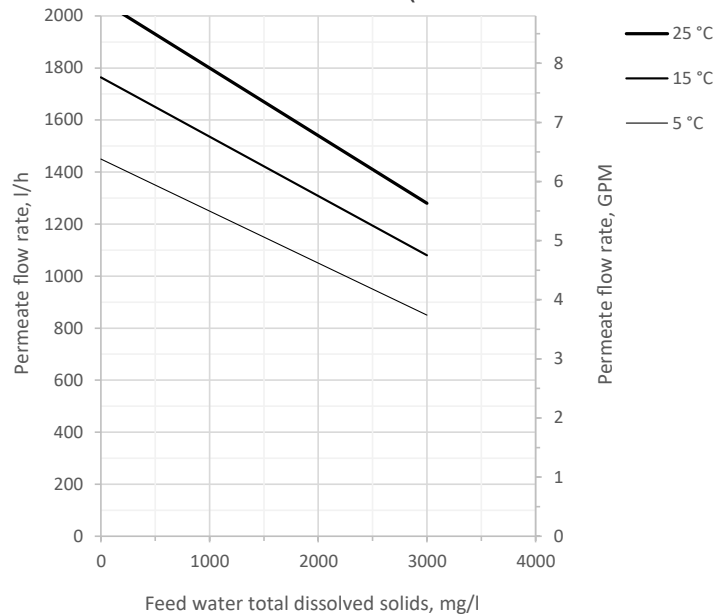
TECHNICAL SPECIFICATION

Permeate capacity ¹	1500 L/h
Permeate recovery ²	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	2.0 kW
Prefilter rating	5 µm

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

² for low scaling/fouling water

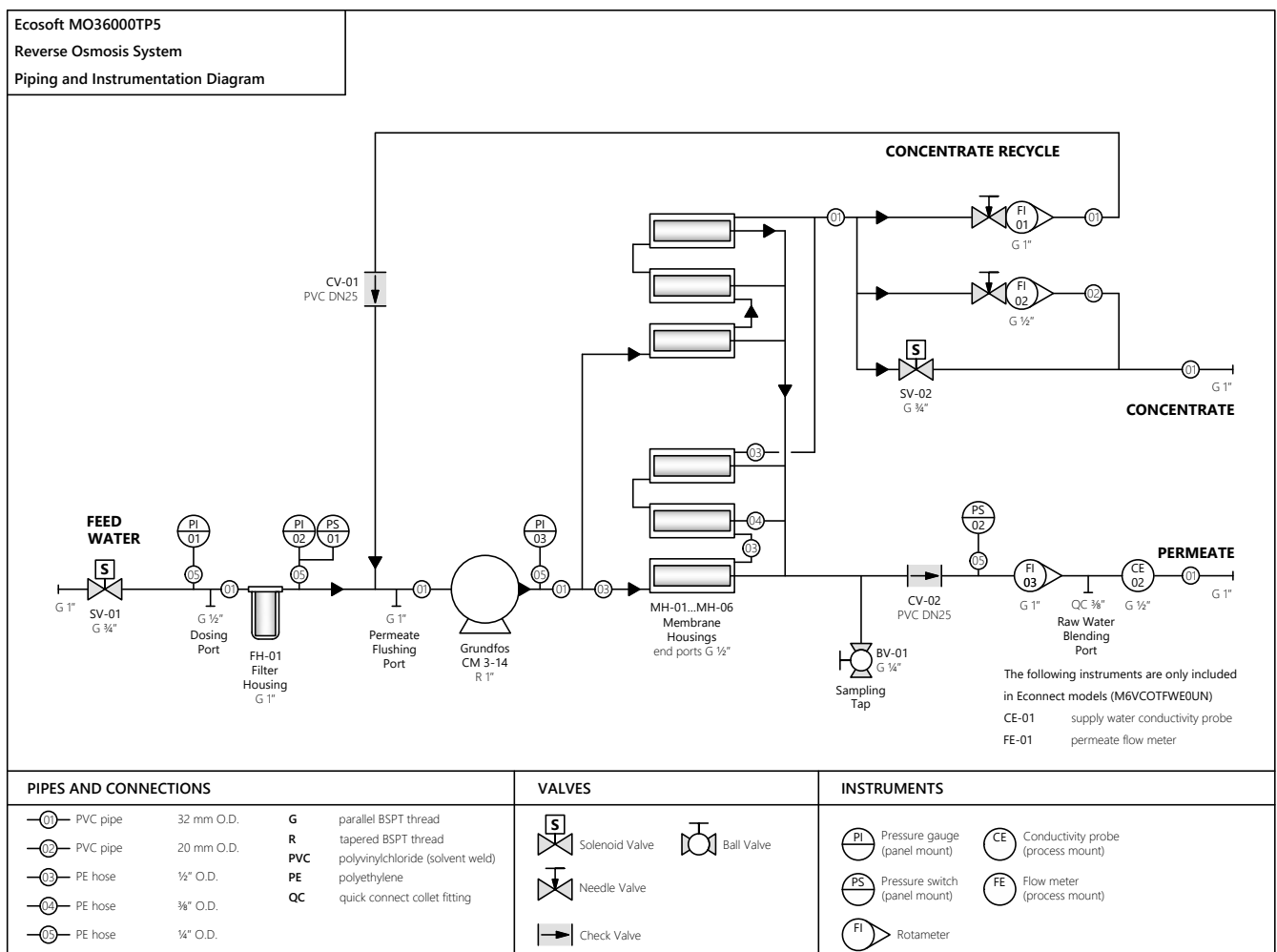
ECOSOFT MO36000 FLOW CAPACITY (WITH XLE-4040 MEMBRANES)



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



ECOSOFT MO5000 4" REVERSE OSMOSIS SYSTEM

APPLICATIONS

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

EQUIPMENT

- Grundfos® CM 1-10 pump
- 300 psi membrane vessel
- 2.5 × 10" sediment prefilter
- Electrical panel with Ecosoft controller
- Danfoss solenoid valve
- Piping, instrumentation
- Steel frame
- Wooden crate

KEY FEATURES

- Ecosoft controller OC5000
- Saves up to 55% of space*
- Easy to use thanks to smart architecture
- Grundfos worldwide guaranty
- CE marked and confirmed to be safe in accordance with EC New Approach Directives

* Compared to MO6500

OPTION

- Filmtec™ XLE-4040 / LCLE-4040 or Ecosoft ELP-4040 membrane



Ecosoft 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 ½"	
Approx. weight (bare system / crate)	45 kg	60 kg
Dimensions (bare system, W × D × H)	0.29 × 0.36 × 1.48 m	
Dimensions (crate, W × D × H)	0.3 × 0.4 × 1.65 m	

ECOSOFT MO5000 4" REVERSE OSMOSIS SYSTEM

Code	Product	Flow rate, L/h (GPH)	Membranes**	Pieces on pallet
MO5000TP5	Ecosoft MO5000 RO System	200–300 (50–80)	1/40 x 40	9

** Membranes are not included in the package

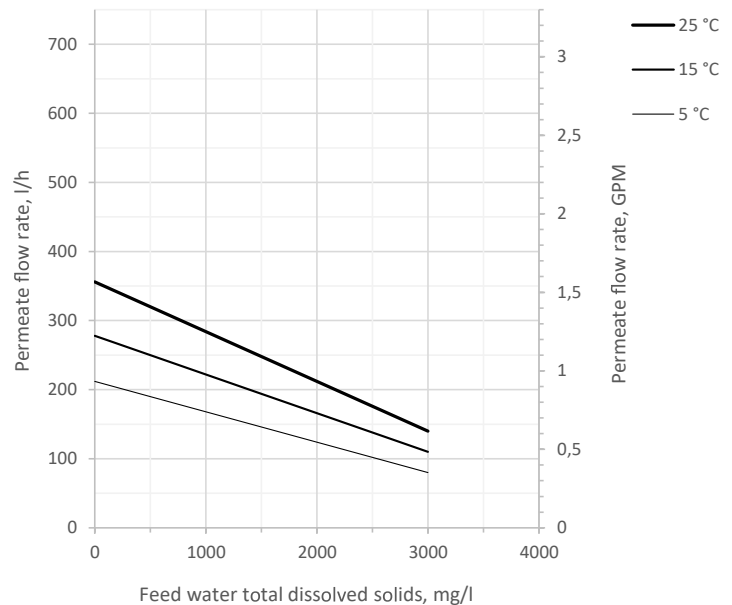
TECHNICAL SPECIFICATION

Permeate capacity ¹	250 L/h
Permeate recovery ²	75%
Maximum TDS	3000 mg/L
Influent flow demand	320...400 L/h (service)
Operating pressure	8...12 bar
Maximum pressure	14 bar
Electrical requirements	230 V, 50 Hz (1 ph)
Electrical power	0.7 kW
Prefilter rating	5 µm

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

² for low scaling/fouling water

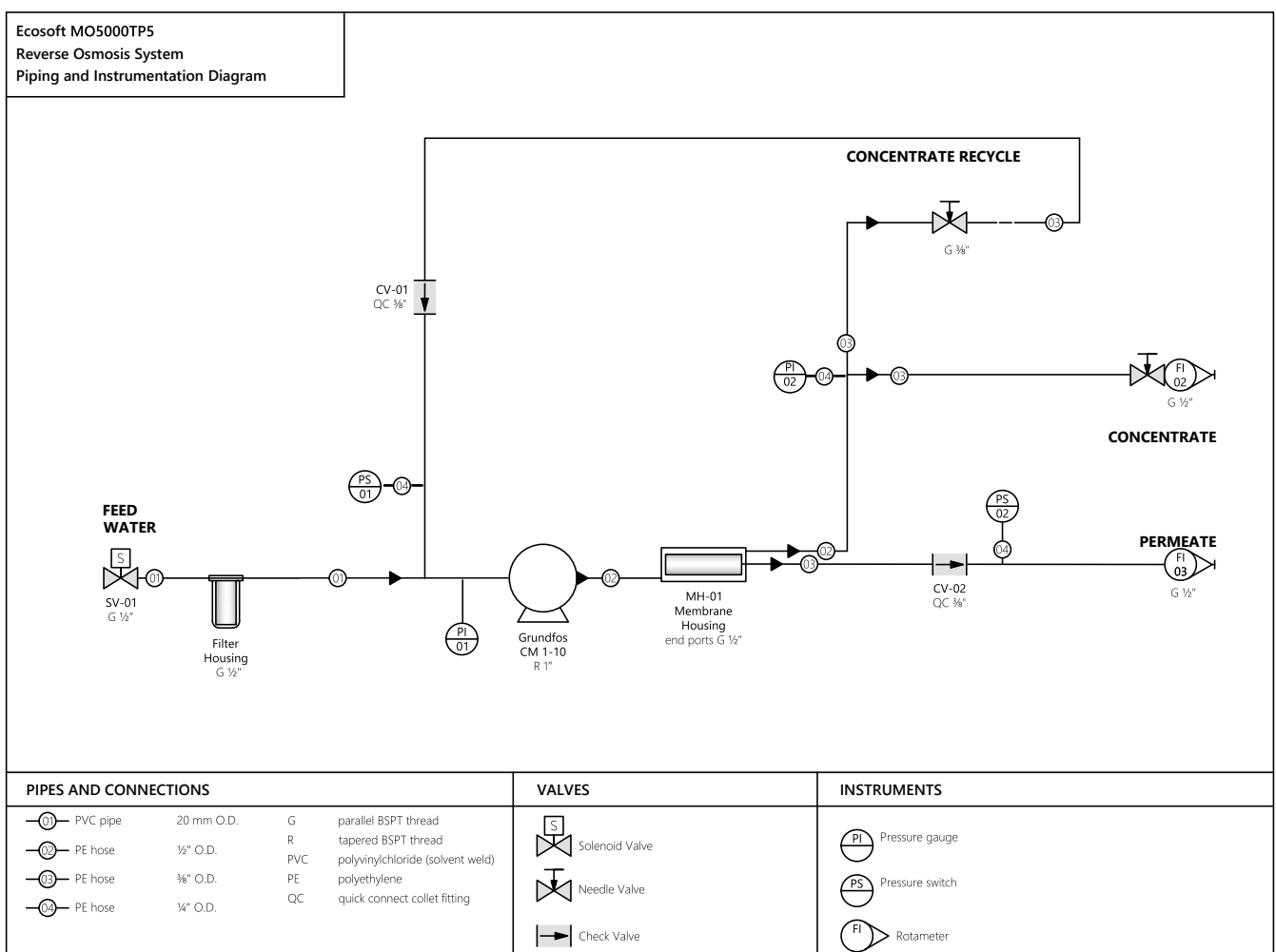
ECOSOFT MO5000 FLOW CAPACITY (WITH XLE-4040 MEMBRANE)



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



ECOSOFT MO10000 4" REVERSE OSMOSIS SYSTEM

APPLICATIONS

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

EQUIPMENT

- Grundfos® CM 1-10 pump
- 300 psi membrane vessel
- 2.5 × 10" sediment prefilter
- Electrical panel with Ecosoft controller
- Danfoss solenoid valve
- Piping, instrumentation
- Steel frame
- Wooden crate

KEY FEATURES

- Ecosoft controller OC5000
- Saves up to 55% of space*
- Easy to use thanks to smart architecture
- Grundfos worldwide guaranty
- CE marked and confirmed to be safe in accordance with EC New Approach Directives

* Compared to MO12000

OPTION

- Filmtec™ XLE-4040 / LCLE-4040 or Ecosoft ELP-4040 membranes

PHYSICAL PARAMETERS

Influent water, concentrate, permeate	G ½"	
Approx. weight (bare system / crate)	50 kg	65 kg
Dimensions (bare system, W × D × H)	0.29 × 0.36 × 1.48 m	
Dimensions (crate, W × D × H)	0.3 × 0.4 × 1.65 m	



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

ECOSOFT MO10000 4" REVERSE OSMOSIS SYSTEM

Code	Product	Flow rate, L/h (GPH)	Membranes**	Pieces on pallet
MO10000TP5	Ecosoft MO10000 RO System	400–550 (100–150)	2/40 x 40	9

** Membranes are not included in the package

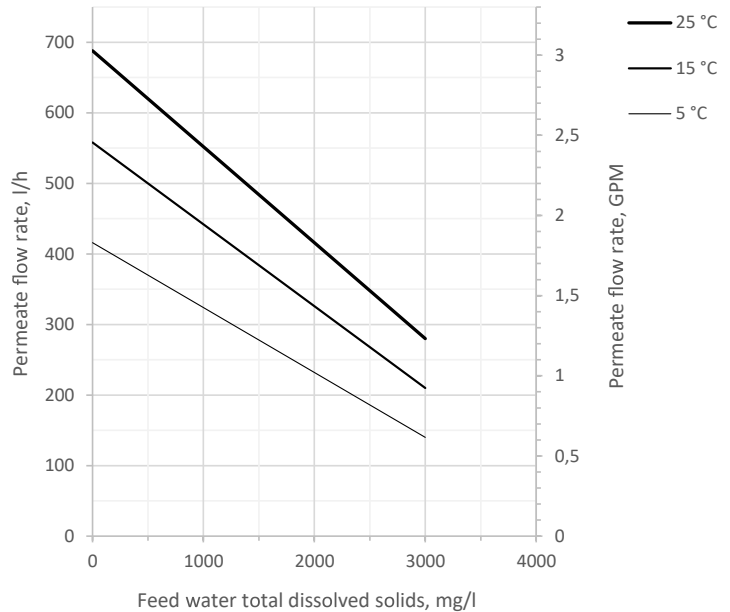
TECHNICAL SPECIFICATION

Permeate capacity ¹	500 L/h
Permeate recovery ²	75%
Maximum TDS	3000 mg/L
Influent flow demand	650...800 L/h (service)
Operating pressure	8...12 bar
Maximum pressure	14 bar
Electrical requirements	230 V, 50 Hz (1 ph)
Electrical power	0.7 kW
Prefilter rating	5 µm

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

² for low scaling/fouling water

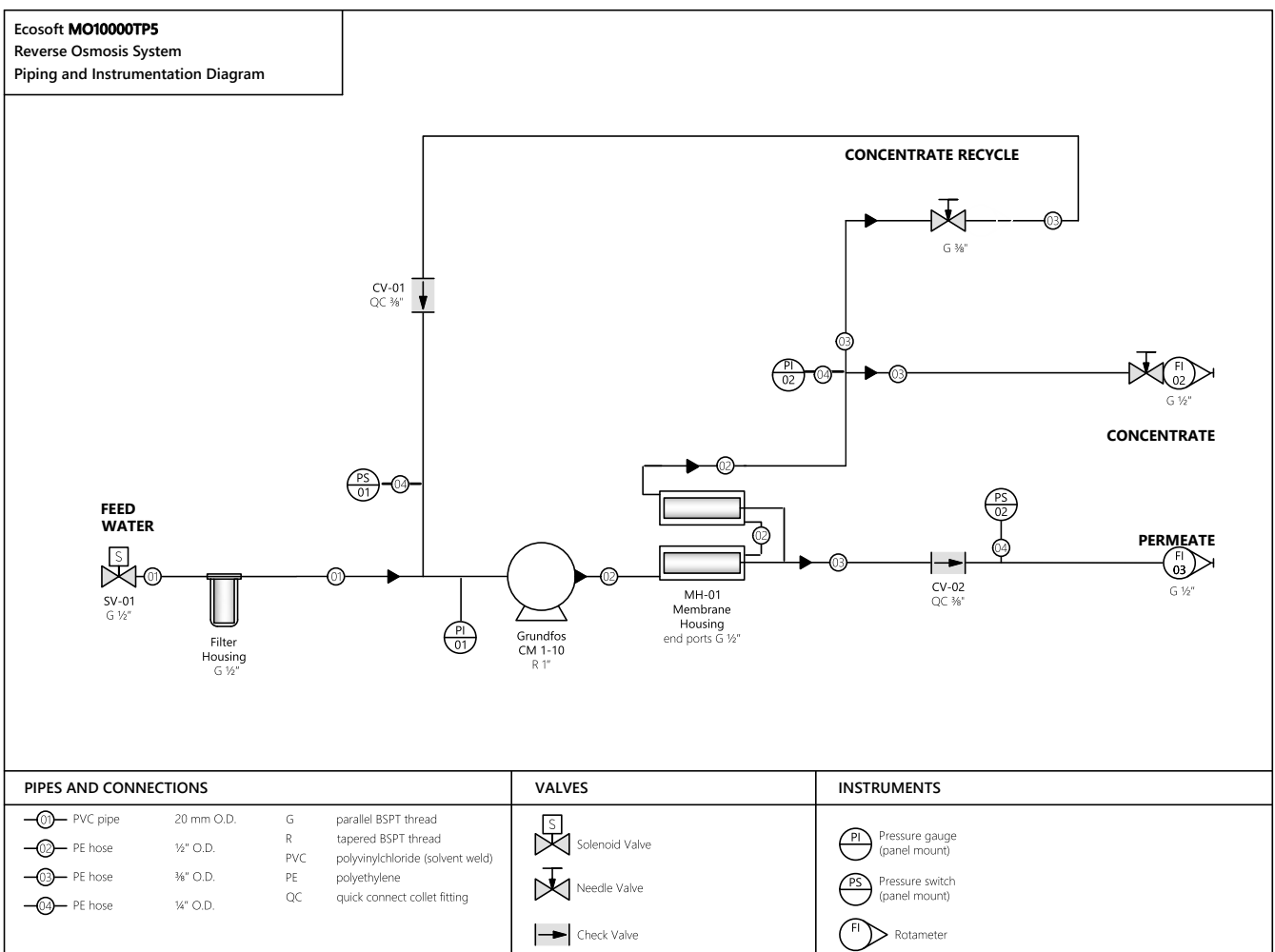
ECOSOFT MO5000 FLOW CAPACITY (WITH XLE-4040 MEMBRANES)



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



ECOSOFT MO6500 4" REVERSE OSMOSIS SYSTEM FOR BRACKISH WATER

APPLICATIONS

Process water, rinse water, steam boilers, heating and cooling circuits, agriculture, desalination, food and beverage, utility water treatment.

EQUIPMENT

- Grundfos® CRN 1-36 high pressure pump
- 450 psi membrane vessel
- Ecosoft controller OC6000
- Purified water conductivity probe
- Electrical inlet valve
- Regulating needle valves
- AISI 304 Stainless steel frame
- AISI 316 Stainless steel piping
- Wooden crate

OPTION

- High rejection Filmtec™ membrane

CONNECTION PORT SIZES

Influent water	G ½"
Permeate	G ½"
Concentrate	G ½"

Antiscalant dosing port	G ½"
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Approximate weight

Bare system	100 kg
Crated system	130 kg

Dimensions (Width × Depth × Height)

Dimensions may vary ± 5%

Bare system	0.63 × 0.35 × 1.71 m
Crated system	0.76 × 0.49 × 1.92 m



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

ECOSOFT MO6500 4" REVERSE OSMOSIS SYSTEM FOR BRACKISH WATER

Code	Product	Flow capacity, L/h (GPH)	Membranes
MO6500BI6	Ecosoft MO6500 BWRO System	200–300 (50–75)	1/40 x 40

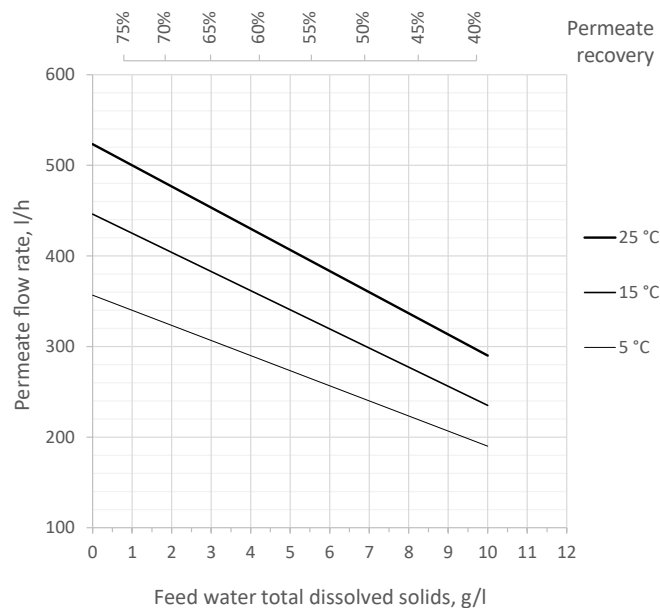
TECHNICAL SPECIFICATION

Permeate capacity ¹	250 L/h
Permeate recovery ²	depends on feed water TDS
Maximum TDS	10 000 mg/L (10 g/L)
Influent flow demand	400...800 L/h (service) 2000...3000 L/h (rinse)
Operating pressure	15...20 bar
Maximum pressure	25 bar
Electrical requirements	230 V, 50 Hz (1 ph)
Electrical power	2.2 kW

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

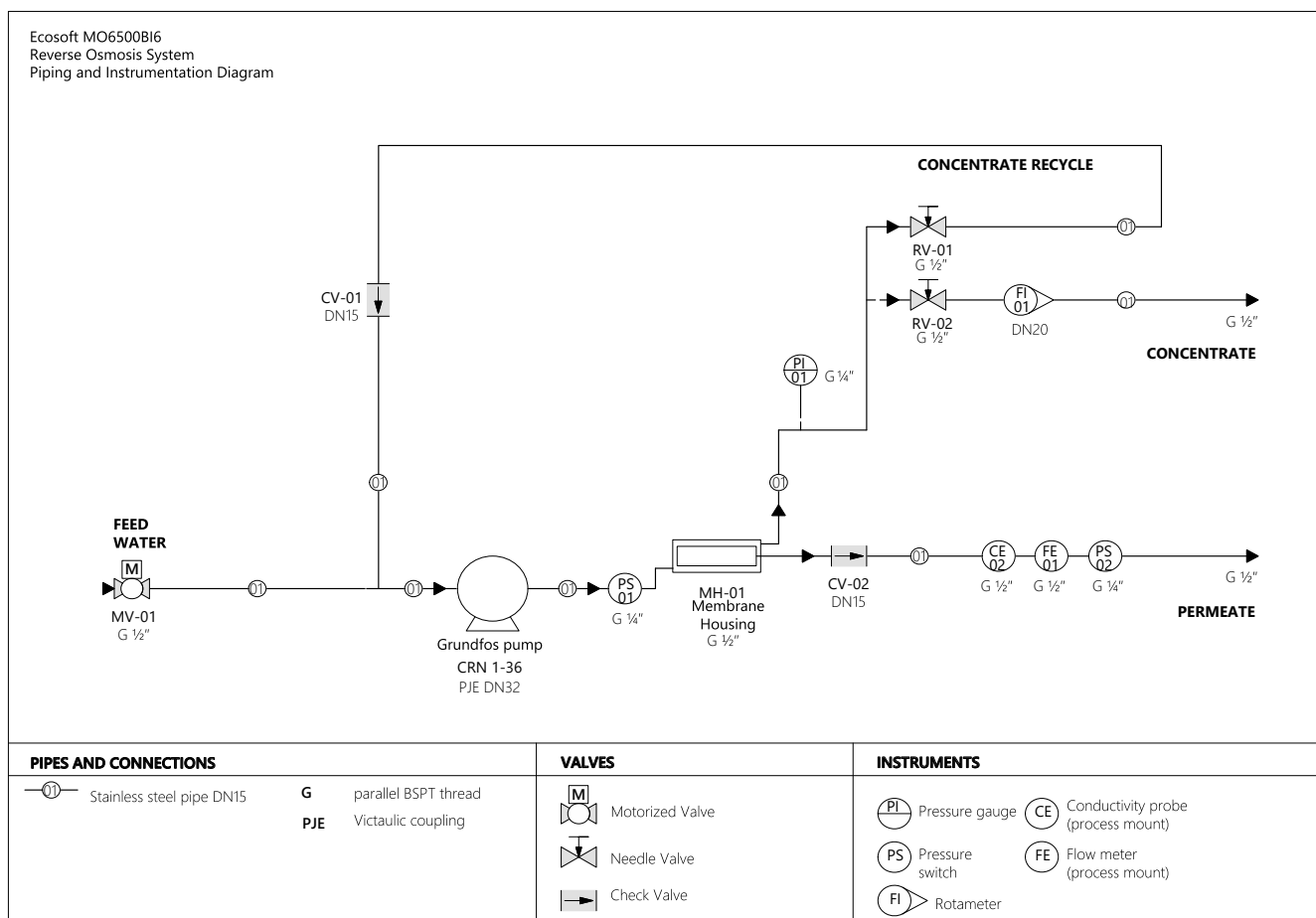
² for low scaling/fouling water

ECOSOFT MO6500 INOX RO FLOW CAPACITY GRAPH (WITH LCLE-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

PIPES AND INSTRUMENTS DIAGRAM



ECOSOFT MO12000 4" REVERSE OSMOSIS SYSTEM FOR BRACKISH WATER

APPLICATIONS

Process water, rinse water, steam boilers, heating and cooling circuits, agriculture, desalination, food and beverage, utility water treatment.

EQUIPMENT

- Grundfos® CRN 1-36 high pressure pump
- 450 psi membrane vessel
- Ecosoft controller OC6000
- Purified water conductivity probe
- Electrical inlet valve
- Regulating needle valves
- AISI 304 Stainless steel frame
- AISI 316 Stainless steel piping
- Wooden crate

OPTION

- High rejection Filmtec™ membranes

CONNECTION PORT SIZES

Influent water	G ½"
Permeate	G ½"
Concentrate	G ½"

Antiscalant dosing port	G ½"
-------------------------	------

Approximate weight

Bare system	110 kg
Crated system	140 kg

Dimensions (Width × Depth × Height)

Dimensions may vary ± 5%

Bare system	0.63 × 0.35 × 1.71 m
Crated system	0.76 × 0.49 × 1.92 m



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

ECOSOFT MO12000 4" REVERSE OSMOSIS SYSTEM FOR BRACKISH WATER

Code	Product	Flow capacity, L/h (GPH)	Membranes
MO12000BI6	Ecosoft MO12000 BWRO System	400–600 (100–150)	2/40 x 40

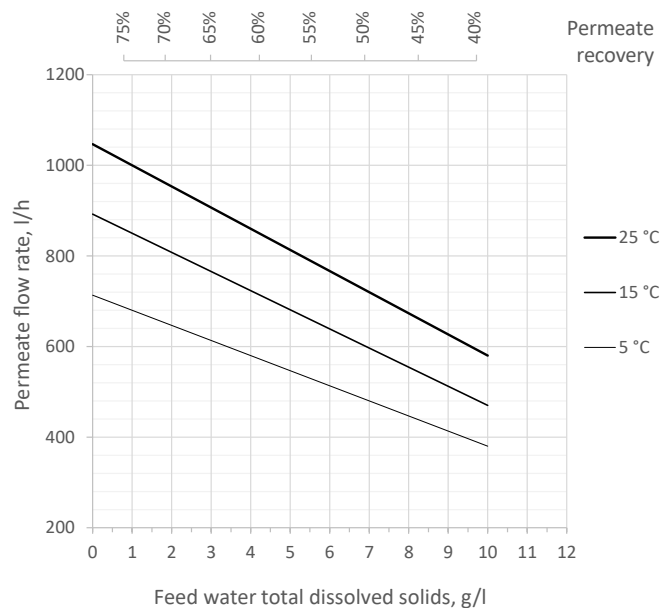
TECHNICAL SPECIFICATION

Permeate capacity ¹	500 L/h
Permeate recovery ²	depends on feed water TDS
Maximum TDS	10 000 mg/L (10 g/L)
Influent flow demand	800...1600 L/h (service) 2000...3000 L/h (rinse)
Operating pressure	15...20 bar
Maximum pressure	25 bar
Electrical requirements	230 V, 50 Hz (1 ph)
Electrical power	2.2 kW

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

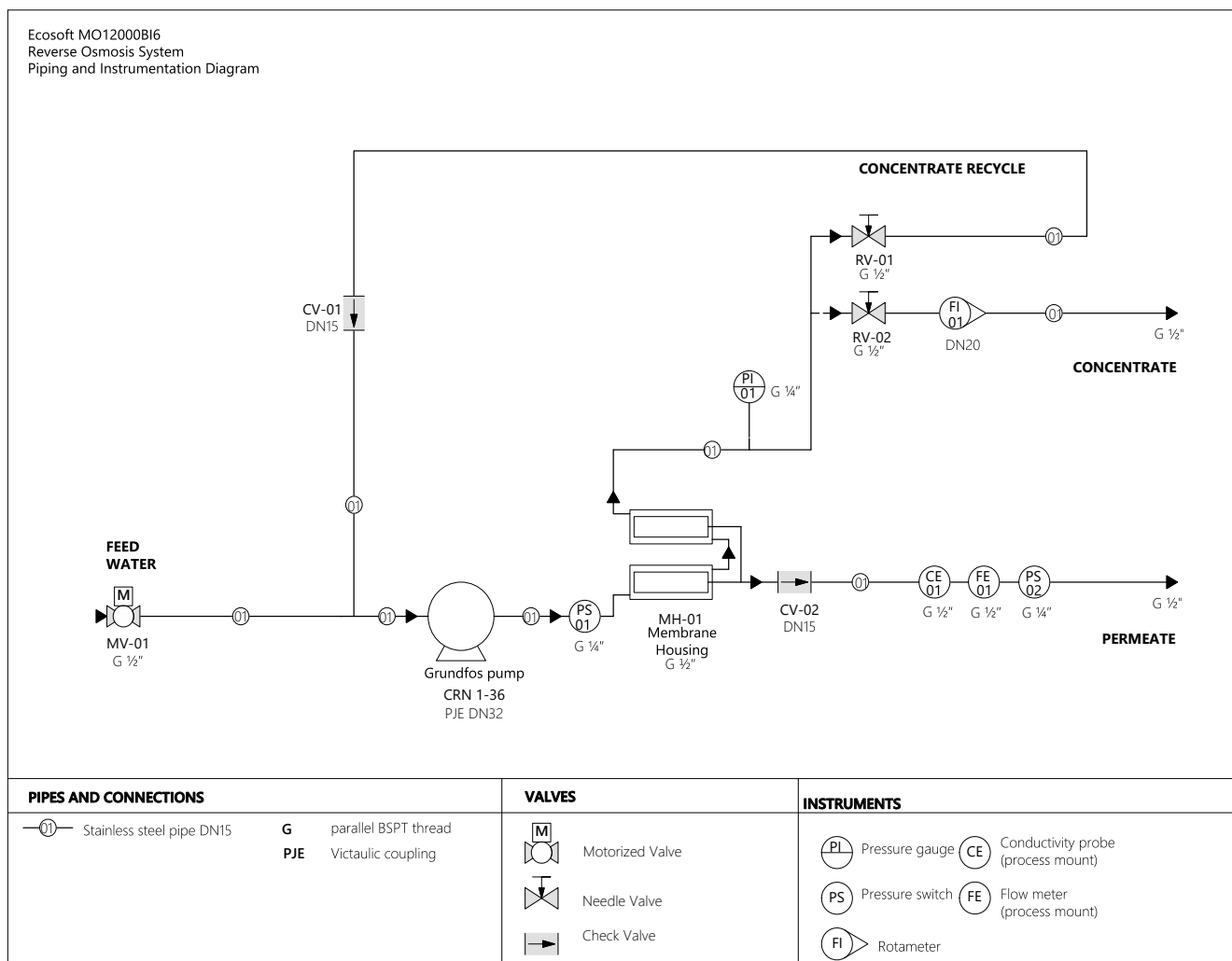
² for low scaling/fouling water

ECOSOFT MO12000 RO FLOW CAPACITY GRAPH (WITH LCLE-4040 MEMBRANES)



Permeate flow rates are calculated under the following conditions:
 • 2 bar influent water pressure
 • 0 bar backpressure in the permeate line
 • fresh membranes

PIPES AND INSTRUMENTS DIAGRAM



VERSATILE SET FOR RAW WATER BLENDING (30...240 L/H) OR PERMEATE FLUSHING FOR ECOSOFT MO6500, MO12000 4" RO SYSTEMS

APPLICATIONS

This product is a dual purpose retrofittable assembly for MO6500 and MO12000 reverse osmosis systems.

When set up for water blending, the product allows to blend water from any stage of the water treatment process to the RO permeate.

The product can also be set up for permeate flushing of membranes in the following cases:

- insufficient supply water flow capacity for normal membrane flush
- longer membrane service life before CIP is required, especially on difficult feed water analysis
- supply water treatment process can be sized to a smaller flow capacity absent the peak flow demand during membrane flush

COMPONENTS:

- Solenoid valve
- 30...240 L/h rotameter
- Piping assembly
- Mounting bracket
- Installation and use manual

KEY FEATURES:

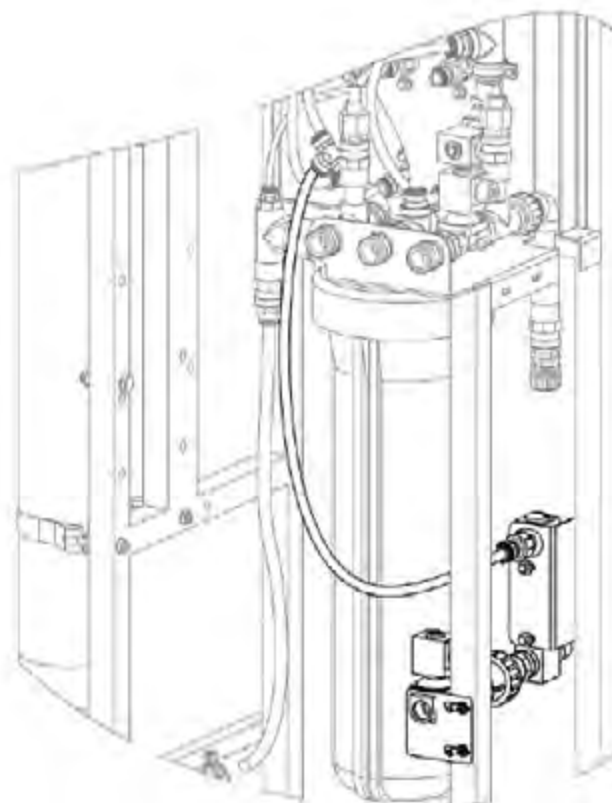
- Quick and easy installation
- Possibility of additional installation if necessary
- Detailed instructions on connecting

PHYSICAL PARAMETERS

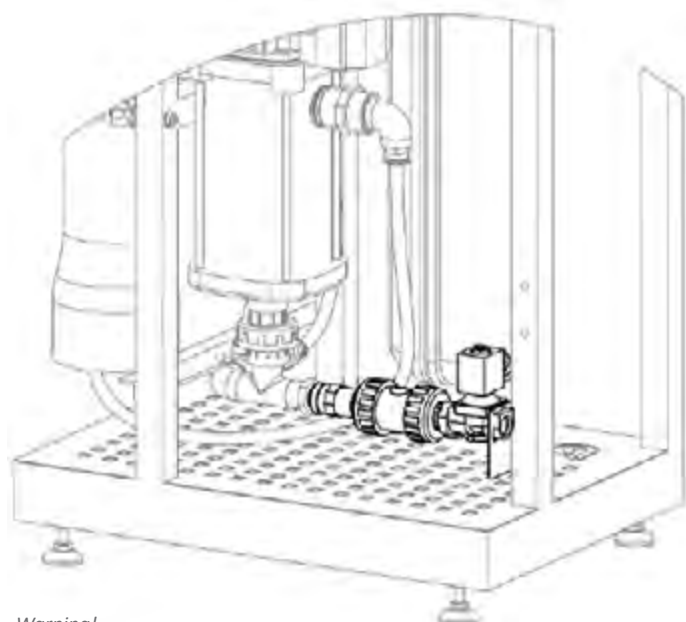
Connection port size	1/2"
Approx. weight (packaged)	1.5 kg
Dimensions (W × D × H) ¹	0.38 × 0.30 × 0.23 m

¹ Dimensions may vary ± 5%

INSTALLATION OF THE ASSEMBLY FOR WATER BLENDING



INSTALLATION OF THE ASSEMBLY FOR PERMEATE FLUSHING



Warning!

Please note that the product can only be set up for either water blending or permeate flushing, but not both!
The set is delivered as a separate product to be fitted on an RO system during installation / startup.

VERSATILE SET FOR RAW WATER BLENDING OR PERMEATE FLUSHING IN ECOSOFT MO6500, MO12000 4" RO SYSTEMS

Code	Product	Flow rate	Connection port type
PIMO612**	Ecosoft PIMO612	30–240 L/h	G 1/2" female

** Not applicable for Standard series

VERSATILE SET FOR RAW WATER BLENDING (120...1080 L/H) OR PERMEATE FLUSHING FOR ECOSOFT MO24000, MO36000 4" RO SYSTEMS

APPLICATIONS

This product is a dual purpose retrofittable assembly for MO24000 and MO36000 reverse osmosis systems.

When set up for water blending, the product allows to blend water from any stage of the water treatment process to the RO permeate.

The product can also be set up for permeate flushing of membranes in the following cases:

- insufficient supply water flow capacity for normal membrane flush
- longer membrane service life before CIP is required, especially on difficult feed water analysis
- supply water treatment process can be sized to a smaller flow capacity absent the peak flow demand during membrane flush.

COMPONENTS:

- Solenoid valve
- 120...1080 L/h rotameter
- Piping assembly
- Mounting bracket
- Installation and use manual

KEY FEATURES:

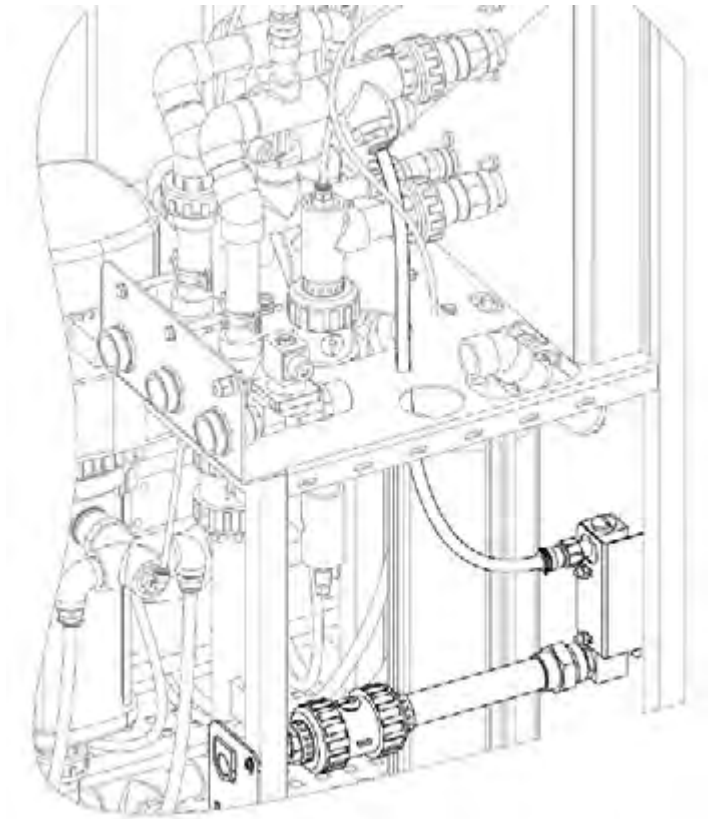
- Quick and easy installation
- Retrofittable to operational systems
- Installation and use manual

PHYSICAL PARAMETERS

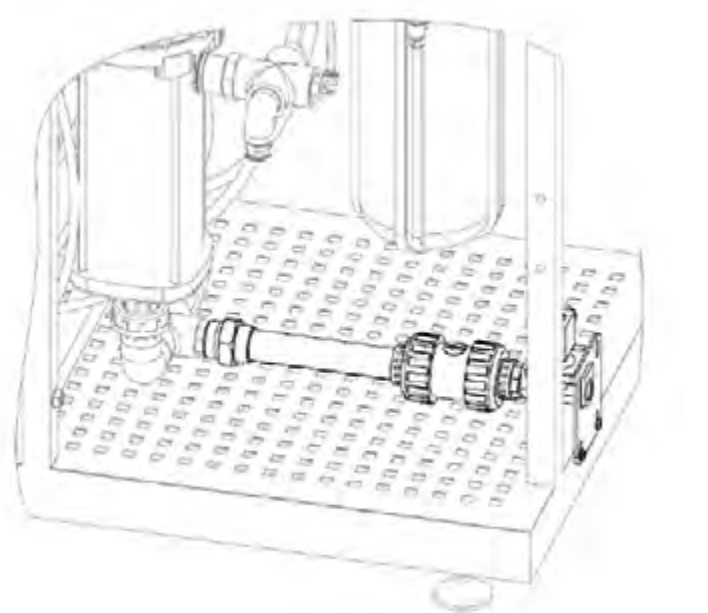
Connection port size	3/4"
Approx. weight (packaged)	2.5 kg
Dimensions (W × D × H) ¹	0.38 × 0.30 × 0.23 m

¹ Dimensions may vary ± 5%

INSTALLATION OF THE ASSEMBLY FOR WATER BLENDING



INSTALLATION OF THE ASSEMBLY FOR PERMEATE FLUSHING



Warning!
 Please note that the product can only be set up for either water blending or permeate flushing, but not both!
 The set is delivered as a separate product to be fitted on an RO system during installation / startup.

VERSATILE SET FOR RAW WATER BLENDING OR PERMEATE FLUSHING IN ECOSOFT MO24000, MO36000 4" RO SYSTEMS

Code	Product	Flow rate	Connection port type
PIMO2436 **	Ecosoft PIMO2436	120–1080 L/h	G 3/4" female

** Not applicable for Standard series

RO MEMBRANES

Code	Product
ELP4040	Ecosoft 4" ELP-4040
XLE4040	Filmtec™ 4" XLE-4040
LCLE4040	Filmtec™ 4" LCLE-4040
ELP8040	Ecosoft 8" ELP-8040
XLE440	Filmtec™ 8" XLE-440
ECOPRO440 ¹	Filmtec™ 8" ECO PRO-440

¹ Upon request. Delivery term up to 3 months

CIP STATIONS FOR ECOSOFT MO SYSTEMS

Code/product	Description
CIPSEP4	Ecosoft CIP station for 2.5", 4" membranes systems
CIPSEP	Ecosoft CIP station for 8" membranes systems (for MO2 to MO4)
CIPSEP616	Ecosoft CIP station for 8" membranes systems (for MO6 to MO16)
CIPSEP2030	Ecosoft CIP station for industrial Ecosoft MO systems (MO20 to MO30)

ECOSOFT DOSING PUMP KITS

APPLICATIONS:

Dosing water treatment chemicals for reverse osmosis, ultrafiltration, heating/cooling circuits, boiler feed water, process water, CIP systems, water remineralization, and other additives

KEY FEATURES:

- Simple and reliable design (solenoid pump)
- Built-in electrical protection against power surges and overvoltage
- Broad chemical resistance against broad range of chemicals
- High accuracy with low flow rates

MAIN COMPONENTS:

- Dosing pump
- Suction valve with foot filter and level probe
- Injection valve
- Pack of hoses
- Chemical tank with mounting bracket
- 500 mL graduated cylinder
- Water meter with pulse output (proportional dosing pumps only)



- Continuous chemical injection
- Suitable for high flow applications
- High wear resistance in demanding conditions
- Excellent controllability in a broad flow control range (logarithmic control scale)

BENEFITS:

- Accuracy and ease of setting
- Working pressure up to 10 bar
- Flow rate up to 6 L/h
- Low noise level
- Graphic display and text menu



ECOSOFT DOSING PUMP KITS

Code	Product	Dosing pump max capacity	Chemical tank / pulse meter (if included)
D100660	EMEC FACO basic dosing pump set (no meter connectivity)	0.6 L/h @ up to 10 bar	60 L / —
99135150-60BASIC	Grundfos DDC 6—10 basic dosing pump set without pulse meter	6.0 L/h @ up to 10 bar	60 L / —
99135150-120BASIC			130 L / —
99135150-60-25BASIC	Grundfos DDC 6—10 basic dosing pump set with pulse meter		60 L / DN 25
99135150-120-40BASIC			130 L / DN 40

ROBUST

DIRECT FLOW REVERSE OSMOSIS FILTERS

Ecosoft RObust is a lineup of high performance reverse osmosis water filters. Compact size and easy maintenance make them optimal for use in cafés and restaurants.

Ecosoft worked with the best baristas to design RObust Pro filter. It produces fresh drinking water with a finely balanced mineral composition that is perfectly suited for developing full flavor and taste of coffee.

ECOSOFT ROBUST PRO REVERSE OSMOSIS FILTER

APPLICATION:

Coffee houses, cafés, restaurants

KEY FEATURES:

- Provides perfect water for coffee (in accordance with the SCA standards)
- Recovery rate 50% — filter is economical and environmentally-friendly
- Direct flow RO system
- Designed for tankless operation
- Built-in pressure gauges indicating pre-filters and membrane conditions
- CE marked and confirmed to be safe in accordance with EC New Approach Directives



((ec))

Can be equipped with controller with Econnect feature for permanent online access to the filter *

WATER FULLY COMPLIES WITH SCA (SPECIALTY COFFEE ASSOCIATION) STANDARDS

	RObust PRO	SCA ¹
Total hardness, meq/L	1.0 - 1.15	1.0 - 2.2
Hydrocarbonate, meq/L	0.8 - 1.0	0.8 - 1.5
pH	6.7 - 7.3	6.0 - 8.0
TDS, mg/L	60 - 120	not regulated

¹ The SCA Water Quality Handbook

SPECIFICATION:

Code	Flow capacity ² , LPH (GPH)	Water consumption, LPH (GPH)	Power supply	Power consumption, kW (hp)	Dimensions, H x W x D, mm (in)
ROBUSTPROB	70–75 (18–20)	140–150 (37–40)	230 V, 50 Hz	0.08 (0.11)	420 × 410 × 305 (16.1 × 16.2 × 12)

² At 25 °C feed water temperature, TDS 1000 mg/L

COMPONENTS:

- RObust PRO reverse osmosis filter
- Drinking water faucet
- Connection fittings pack
- Service wrenches
- User manual

FILTRATION TECHNOLOGY:

- 5 micron PP sediment filter
- GAC coconut shell carbon filter
- Ecosoft RO membrane element
- Special RObust PRO filter
- CTO carbon post-filter

ECOSOFT ROBUST PRO REVERSE OSMOSIS FILTER

Code	Product	Membrane	Pieces on pallet
ROBUSTPROB	Ecosoft RObust PRO reverse osmosis filter	1 x CSV3012500ECO	24

ROBUST PRO REPLACEMENT FILTERS

Code	Product
CHVROBUSTPRO	Ecosoft pack of replacement filters 1-2-3-4 for reverse osmosis filter RObust PRO
CSV3012500ECO	Ecosoft 500 GPD membrane element

* Option
Minimum order is 1 pallet of any product

ECOSOFT ROBUST 1500 REVERSE OSMOSIS FILTER

APPLICATION:

Cafés, restaurants, apartments, private houses, pharmacies, laboratories

KEY FEATURES:

- Consistent high capacity up to 75 liters per hour
- Recovery rate 50% — filter is economical and environmentally-friendly
- Direct flow RO system
- Designed for tankless operation
- Dynamic SmartLight system signaling the current state of the RO filter, time to replace filter cartridges, or fault condition
- CE marked and confirmed to be safe in accordance with EC New Approach Directives



((ec))

Can be equipped with controller with Econnect feature for permanent online access to the filter *

SPECIFICATION:

Code	Flow capacity ¹ , LPH (GPH)	Water consumption, LPH (GPH)	Power supply	Power consumption, kW (hp)	Dimensions, H x W x D, mm (in)
ROBUST1500	70–75 (18–20)	140–150 (37–40)	230 V, 50 Hz	0.08 (0.11)	420 × 410 × 305 (16.1 × 16.2 × 12)

¹ At 25 °C feed water temperature, TDS 1000 mg/L

COMPONENTS:

- RObusT 1500 reverse osmosis filter
- Drinking water faucet
- Connection fittings pack
- Service wrenches
- User manual

FILTRATION TECHNOLOGY:

- 5 micron PP sediment filter
- GAC coconut shell carbon filter
- Ecosoft RO membrane element
- CTO carbon post-filter

ECOSOFT ROBUST 1500 REVERSE OSMOSIS FILTER

Code	Product	Membrane	Pieces on pallet
ROBUST1500	Ecosoft RObusT 1500 reverse osmosis filter	1 x CSV3012500ECO	24

ROBUST 1500 REPLACEMENT FILTERS

Code	Product
CHV3ECO	Ecosoft advanced pack of replacement filters 1-2-3 for reverse osmosis filters
CSV3012500ECO	Ecosoft 500 GPD membrane element

* Option
Minimum order is 1 pallet of any product

ECOSOFT ROBUST 3000 REVERSE OSMOSIS FILTER

APPLICATION:

Cafés, restaurants, water production,
pharmacies, laboratories, small breweries, summer houses

KEY FEATURES:

- Consistent high capacity up to 150 liters per hour
- Recovery rate 50% — filter is economical and environmentally-friendly
- Direct flow RO system
- Designed for tankless operation
- Built-in pressure gauges indicating pre-filters and membrane conditions
- CE marked and confirmed to be safe in accordance with EC New Approach Directives



((ec))

Can be equipped with controller
with Econnect feature for permanent
online access to the filter *

SPECIFICATION:

Code	Flow capacity ¹ , LPH (GPH)	Water consumption, LPH (GPH)	Power supply	Power consumption, kW (hp)	Dimensions, H x W x D, mm (in)
ROBUST3000	145–150 (38–40)	290–310 (77–82)	230 V, 50 Hz	0.25 (0.34)	480 × 530 × 400 (18.9 × 20.1 × 15.8)

¹ At 25 °C feed water temperature, TDS 1000 mg/L

COMPONENTS:

- RObus 3000 reverse osmosis filter
- Connection fittings pack
- Service wrenches
- User manual

FILTRATION TECHNOLOGY:

- BB10 GAC coconut shell carbon filter
- Ecosoft RO membrane element (2 pcs.)
- BB10 GAC coconut shell carbon filter

ECOSOFT ROBUST 3000 REVERSE OSMOSIS FILTER

Code	Product	Membrane	Pieces on pallet
ROBUST3000	Ecosoft RObus 3000 reverse osmosis filter	2 x CSV3012500ECO	8

ROBUST 3000 REPLACEMENT FILTERS

Code	Product
CHV4510ECO	Ecosoft granular activated carbon replacement filter 4.5"×10"
CSV3012500ECO	Ecosoft 500 GPD membrane element

* Option
Minimum order is 1 pallet of any product

ECOSOFT ROBUST 1000 REVERSE OSMOSIS FILTER

APPLICATION:

Cafés, restaurants, apartments, private houses

KEY FEATURES:

- Consistent high capacity up to 60 liters per hour
- Recovery rate 50% — filter is economical and environmentally-friendly
- Direct flow RO system
- Designed for tankless operation
- Built-in pressure gauges indicating pre-filters and membrane conditions
- CE marked and confirmed to be safe in accordance with EC New Approach Directives



SPECIFICATION:

Code	Flow capacity, LPH (GPH)	Water consumption, LPH (GPH)	Power supply	Power consumption, kW (hp)	Dimensions, H x W x D, mm (in)
ROBUST1000	55–60 (15–16)	110–120 (29–32)	230 V, 50 Hz	0.08 (0.11)	420 × 425 × 265 (16.5 × 16.7 × 10.5)

COMPONENTS:

- RObus 1000 reverse osmosis filter
- Drinking water faucet
- Connection fittings pack
- Service wrenches
- User manual

FILTRATION TECHNOLOGY:

- 5 micron PP sediment filter
- GAC coconut shell carbon filter
- Ecosoft membrane elements (3 pcs.)
- CTO carbon post-filter

ECOSOFT ROBUST 1000 REVERSE OSMOSIS FILTER

Code	Product	Membranes	Pieces on pallet
ROBUST1000	Ecosoft RObus 1000 reverse osmosis filter	3 x CSV1812100ECO	24

ROBUST 1000 REPLACEMENT FILTERS

Code	Product
CHV3ECO	Ecosoft advanced pack of replacement filters 1-2-3 for reverse osmosis filters
CSV1812100ECO	Ecosoft 100 GPD membrane element

Minimum order is 1 pallet of any product

ECOSOFT ROBUST MINI REVERSE OSMOSIS FILTER

APPLICATION:

Cafés, restaurants, apartments, private houses

KEY FEATURES:

- Consistent high capacity up to 60 liters per hour
- Recovery rate 50% — filter is economical and environmentally-friendly
- Direct flow RO system
- Designed for tankless operation
- CE marked and confirmed to be safe in accordance with EC New Approach Directives



SPECIFICATION:

Code	Flow capacity, LPH (GPH)	Water consumption, LPH (GPH)	Power supply	Power consumption, kW (hp)	Dimensions, H x W x D, mm (in)
ROBUSTMINI	55–60 (15–16)	110–120 (29–32)	230 V, 50 Hz	0.08 (0.11)	485 × 410 × 195 (19.1 × 16.2 × 7.7)

COMPONENTS:

- ROust Mini reverse osmosis filter
- Drinking water faucet
- Connection fittings pack
- Service wrenches
- User manual

FILTRATION TECHNOLOGY:

- 5 micron PP sediment filter
- GAC coconut shell carbon filter
- Ecosoft membrane elements (3 pcs.)
- CTO carbon post-filter

ECOSOFT ROBUST MINI REVERSE OSMOSIS FILTER

Code	Product	Membranes	Pieces on pallet
ROBUSTMINI	Ecosoft ROust Mini reverse osmosis filter	3 x CSV1812100ECO	18

ROBUST MINI REPLACEMENT FILTERS

Code	Product
CHV3ECO	Ecosoft advanced pack of replacement filters 1-2-3 for reverse osmosis filters
CSV1812100ECO	Ecosoft 100 GPD membrane element

Minimum order is 1 pallet of any product

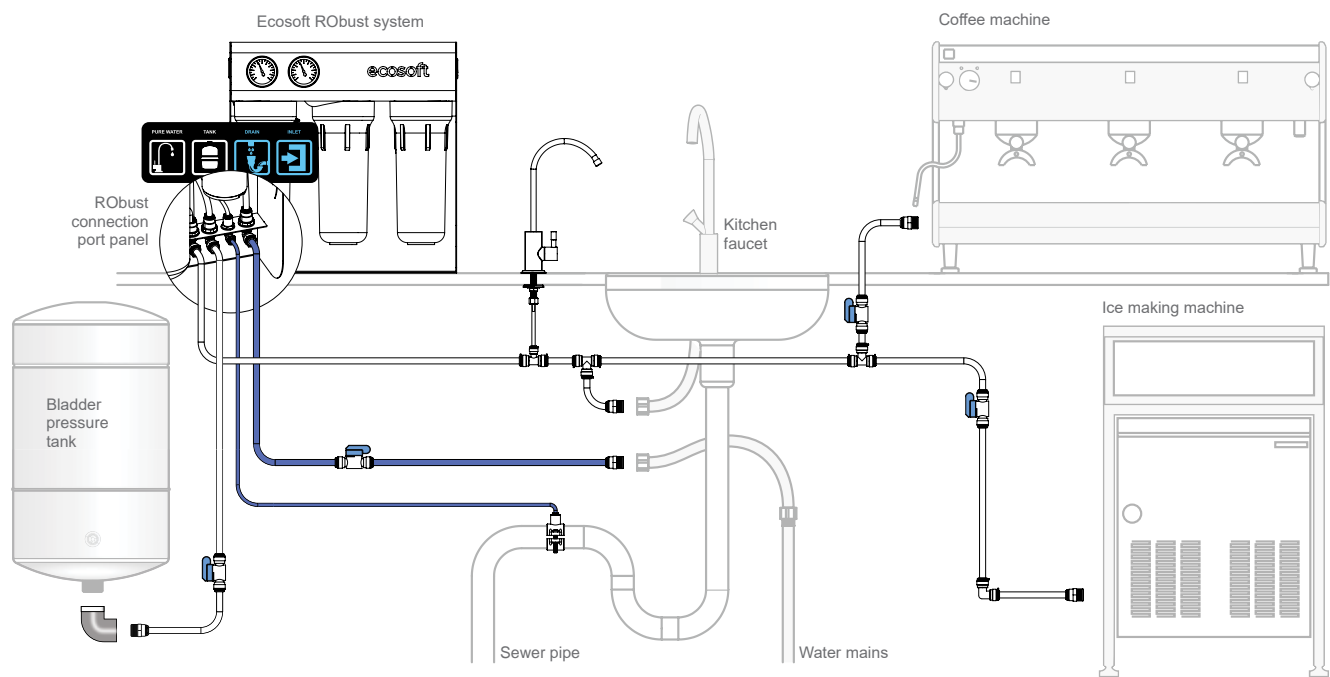
ECOSOFT ROBUST CONNECTION KIT

APPLICATION:

RObust 1000, RObust 1500, RObust PRO, RObust 3000, RObust Mini

KEY FEATURES:

- Contains all the necessary fittings and tubes to connect Robust filters to 3/4" pressure tank and up to three appliances with 3/8" or 1/2" inlets.
- No plastic cement is required for assembling



ECOSOFT ROBUST CONNECTION KIT

Code	Product
ROBUSTKIT	RObust connection kit for Ecosoft RObust filters
TANK20MW34	Metal pressure tank 20 gallons - 3/4" thread
TANK3PLA	Plastic pressure tank 3 gallons - 1/4" thread

RESIDENTIAL

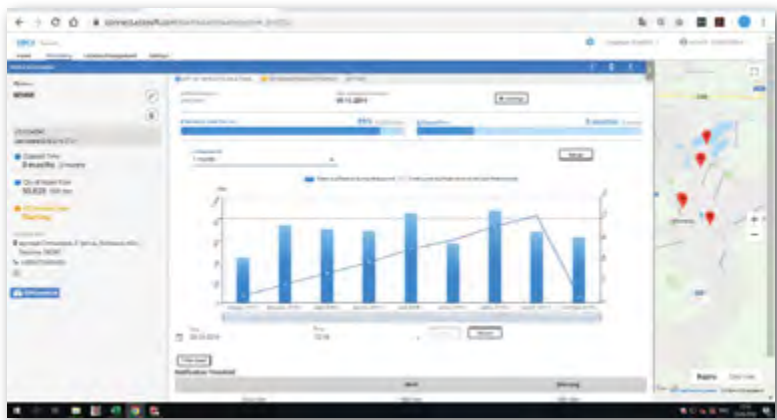
REVERSE OSMOSIS FILTERS

With Ecosoft filters, you and your family will have an unlimited and safe access to drinking water from inside your kitchen. Our filter selections will meet your water needs and match your interior design

ECOSOFT SENSE ECONNECT REVERSE OSMOSIS FILTER



ECONNECT MEANS COMPLETE ONLINE CONTROL
OF YOUR SYSTEM



ECONECT ALWAYS KEEPS YOU UPDATED WITH:



How much water
you use



Water purification
effectiveness



Remaining time before
filter maintenance

SAFE, PURE AND TASTY WATER:



Calcium and magnesium give water a natural
taste and make it a healthy to drink



Your water will always be pure and safe even if tap
water quality deteriorates

ECOSOFT SENSE REVERSE OSMOSIS FILTER



DELICIOUS AND
HEALTHY WATER
WITH
**MAGNESIUM
& CALCIUM**



KEY FEATURES:

1. Permanent online control over your filter
2. The optimal and constant amount of natural calcium and magnesium minerals in water is 60-80 mg/L
3. **Recovery rate 50%** — AquaGreen technology conserves up to 20 000 litres of water per year
4. Slim & Stylish design complements your kitchen interior naturally
5. Maximum capacity for minimum space — designed for water systems with low pressure

FILTRATION TECHNOLOGY:

- 5 micron PP sediment filter
- GAC coconut shell carbon filter
- AquaGreen filter
- 75 GPD RO membrane element
- AquaSpring mineralization filter
- Coconut shell carbon post-filter

WATER AFTER FILTER*:

Parameter	Value
Total mineral content, mg/L	60 - 80
Magnesium, mg/L	4 - 6
Calcium, mg/L	10 - 15
pH	7 - 8,5

* The indicators are determined under the following conditions: inlet water temperature is 20 °C, outlet water composition and filter operation parameters correspond to the recommended by the manufacturer, water consumption intensity is appropriate for a family of three. When the inlet water temperature decreases in winter, the mineral content in the treated water may be lower, and when the temperature increases in summer, it may be higher.

SPECIFICATION:

Code	Flow capacity, LPD (GPD)	Inlet pressure, bar (psi)	Connections	Total volume of storage tank, L (gal)	Dimensions, H x W x D, mm (in)
MO675MPECOSENSE	280 (75)	2-4.5 (29-65.3)	1/2"	12 (3.2)	475 x 143 x 480 (18.7 x 5.6 x 18.9)

COMPONENTS:

- Filter housing
- Set of pre-filters
- Membrane element 75 GPD (280 LPD)
- Ecosoft carbon post-filter for reverse osmosis filter
- AquaSpring mineralization filter
- 'Modern' ball valve faucet for purified water
- Plastic pressure tank (total vol. 12 L/3.2 gal, usable vol. up to 7 L/1.8 gal) and tank valve
- Feed water adapter, feed valve, drain saddle
- Pack of color tubes (4 pcs.) for convenient filter installation
- Service wrenches
- User manual

Unit weight (net/gross), kg: 14/16

lb: 30.9/35.3

Box dimensions, m: 0.49 x 0.49 x 0.35

in: 19.2 x 19.2 x 13.8

ECOSOFT SENSE REVERSE OSMOSIS FILTER

Code	Product	Pieces in box	Boxes on pallet	Pieces on pallet
MO675MPECOSENSE	Ecosoft Sense Reverse Osmosis Filter	1	12	12

Minimum order is 1 pallet of any product

ECOSOFT P'URE AQUACALCIUM REVERSE OSMOSIS FILTER



**CALCIUM
ENRICHED**



KEY FEATURES:

1. AquaCalcium mineralizer enriches treated water with calcium
2. Provides stable content of minerals in the purified water — 55–65 mg/L
3. Possibility of horizontal and vertical installation
4. System tightness guarantee from the moment of leaving the factory to the moment of installation
5. E-commerce packaging

FILTRATION TECHNOLOGY:

- 5 micron PP sediment filter
- GAC coconut shell carbon filter
- 10 micron carbon block filter
- 75 GPD RO membrane element
- AquaCalcium mineralization filter
- Coconut shell carbon post-filter

WATER AFTER FILTER*:

Parameter	Value
Total mineral content, mg/L	55 - 65
Magnesium, mg/L	< 1
Calcium, mg/L	10 - 15
pH	7 - 7,5

* The indicators are determined under the following conditions: inlet water temperature is 20 °C, outlet water composition and filter operation parameters correspond to the recommended by the manufacturer, water consumption intensity is appropriate for a family of three. When the inlet water temperature decreases in winter, the mineral content in the treated water may be lower, and when the temperature increases in summer, it may be higher.

SPECIFICATION:

Code	Flow capacity, LPD (GPD)	Inlet pressure, bar (psi)	Connections	Total volume of storage tank, L (gal)	Dimensions, H x W x D, mm (in)
MO675MACPUREECO	280 (75)	3–6 (43.5–87)	1/2"	12 (3.2)	310 x 440 x 195 (12.2 x 17.3 x 7.7)

COMPONENTS:

- Filter housing
- Ecosoft pack of pre-filters for reverse osmosis filter
- Membrane element 75 GPD (280 LPD)
- Ecosoft carbon post-filter for reverse osmosis filter
- Ecosoft AquaCalcium mineralization filter
- 'Modern' ball valve faucet for purified water
- Plastic pressure tank (total vol. 12 L/3.2 gal, usable vol. up to 7 L/1.8 gal) and tank valve
- Feed water adapter, feed valve, drain saddle
- Pack of color tubes (4 pcs.) for convenient filter installation
- Service wrenches
- User manual

Unit weight (net/gross), kg: 10.00/11.04

lb: 22.0/24.3

Box dimensions, m: 0.59 x 0.46 x 0.30

in: 23.2 x 18.1 x 11.8



ECOSOFT P'URE AQUACALCIUM REVERSE OSMOSIS FILTER

Code	Product	Pieces in box	Boxes on pallet	Pieces on pallet
MO675MACPUREECO	Ecosoft P'URE AquaCalcium reverse osmosis filter	1	26	26

Minimum order is 1 pallet of any product

ECOSOFT P'URE BALANCE REVERSE OSMOSIS FILTER



**MAGNESIUM
& CALCIUM
ENRICHED**

FILTRATION TECHNOLOGY:

- 5 micron PP sediment filter
- GAC coconut shell carbon filter
- AquaGreen filter
- 75 GPD RO membrane element
- AquaSpring mineralization filter
- Coconut shell carbon post-filter



KEY FEATURES:

1. The optimal and constant amount of natural calcium and magnesium minerals in water is 60-80 mg/L
2. **Recovery rate 50%** — AquaGreen technology conserves up to 20 000 litres of water per year
3. Possibility of horizontal and vertical installation
4. System tightness guarantee from the moment of leaving the factory to the moment of installation
5. E-commerce packaging

WATER AFTER FILTER*:

Parameter	Value
Total mineral content, mg/L	60 - 80
Magnesium, mg/L	4 - 6
Calcium, mg/L	10 - 15
pH	7 - 8,5

* The indicators are determined under the following conditions: inlet water temperature is 20 °C, outlet water composition and filter operation parameters correspond to the recommended by the manufacturer, water consumption intensity is appropriate for a family of three. When the inlet water temperature decreases in winter, the mineral content in the treated water may be lower, and when the temperature increases in summer, it may be higher.

SPECIFICATION:

Code	Flow capacity, LPD (GPD)	Inlet pressure, bar (psi)	Connections	Total volume of storage tank, L (gal)	Dimensions, H x W x D, mm (in)
MO675MPUREBALECO	280 (75)	3-6 (43.5-87)	1/2"	12 (3.2)	310 x 440 x 195 (12.2 x 17.3 x 7.7)

COMPONENTS:

- Filter housing
- Pre-filters for P'URE Balance filter
- Membrane element 75 GPD (280 LPD)
- Ecosoft carbon post-filter for reverse osmosis filter
- AquaSpring mineralization filter
- 'Modern' ball valve faucet for purified water
- Plastic pressure tank (total vol. 12 L/3.2 gal, usable vol. up to 7 L/1.8 gal) and tank valve
- Feed water adapter, feed valve, drain saddle
- Pack of color tubes (4 pcs.) for convenient filter installation
- Service wrenches
- User manual

Unit weight (net/gross), kg: 10.00/11.04
lb: 22.0/24.3

Box dimensions, m: 0.49 x 0.49 x 0.35
in: 19.2 x 19.2 x 13.8



ECOSOFT P'URE BALANCE REVERSE OSMOSIS FILTER

Code	Product	Pieces in box	Boxes on pallet	Pieces on pallet
MO675MPUREBALECO	Ecosoft P'URE Balance reverse osmosis filter	1	26	26

Minimum order is 1 pallet of any product

ECOSOFT P'URE BALANCE REVERSE OSMOSIS FILTER ON METAL RACK WITH PUMP



**MAGNESIUM
& CALCIUM
ENRICHED**

FILTRATION TECHNOLOGY:

- 5 micron PP sediment filter
- GAC coconut shell carbon filter
- AquaGreen filter
- 75 GPD RO membrane element
- AquaSpring mineralization filter
- Coconut shell carbon post-filter

SPECIFICATION:

Code	Flow capacity, LPD (GDP)	Inlet pressure, bar (psi)	Connections	Dimensions, H x W x D, mm (in)
MO675MBALPSECO	280 (75)	2–5 (29.0–72.5)	1/2"	485 x 410 x 195 (19.1 x 16.1 x 7.7)

COMPONENTS:

- Filter housing
- Pre-filters for P'URE Balance filter
- Membrane element 75 GPD (280 LPD)
- Ecosoft carbon post-filter for reverse osmosis filter
- AquaSpring mineralization filter
- 'Modern' ball valve faucet for purified water
- Plastic pressure tank (total vol. 12 L/3.2 gal, usable vol. up to 7 L/1.8 gal) and tank valve
- Feed water adapter, feed valve, drain saddle
- Pack of color tubes (4 pcs.) for convenient filter installation
- Service wrenches
- User manual

Unit weight (net/gross), kg: 11.95/13.70

lb: 26.6/30.2

Box dimensions, m: 0.59 x 0.46 x 0.30

in: 23.2 x 18.1 x 11.8



KEY FEATURES:

1. The optimal and constant amount of natural calcium and magnesium minerals in water is 60-80 mg/L
2. **Recovery rate 50%** — AquaGreen technology conserves up to 20 000 litres of water per year
3. Maintenance-friendly due to self-standing metal rack
4. Designed for water systems with low pressure

WATER AFTER FILTER*:

Parameter	Value
Total mineral content, mg/L	60 - 80
Magnesium, mg/L	4 - 6
Calcium, mg/L	10 - 15
pH	7 - 8,5

* The indicators are determined under the following conditions: inlet water temperature is 20 °C, outlet water composition and filter operation parameters correspond to the recommended by the manufacturer, water consumption intensity is appropriate for a family of three. When the inlet water temperature decreases in winter, the mineral content in the treated water may be lower, and when the temperature increases in summer, it may be higher.



ECOSOFT P'URE BALANCE REVERSE OSMOSIS FILTER ON METAL RACK WITH PUMP

Code	Product	Pieces in box	Boxes on pallet	Pieces on pallet
MO675MBALPSECO	Ecosoft P'URE Balance reverse osmosis filter on metal rack with pump	1	28	28

Minimum order is 1 pallet of any product

ECOSOFT P'URE ALKAFUSE REVERSE OSMOSIS FILTER



**ALKALINE
WATER**



KEY FEATURES:

1. pH value of filtered water is higher than 8,5
2. **Recovery rate 50%** — AquaGreen technology conserves up to 20 000 litres of water per year
3. Possibility of horizontal and vertical installation
4. System tightness guarantee from the moment of leaving the factory to the moment of installation
5. E-commerce packaging

FILTRATION TECHNOLOGY:

- 5 micron PP sediment filter
- GAC coconut shell carbon filter
- AquaGreen filter
- 75 GPD RO membrane element
- Alkafuse Alkaline Remineralizer
- Mineralization filter

SPECIFICATION:

Code	Flow capacity, LPD (GPD)	Inlet pressure, bar (psi)	Connections	Total volume of storage tank, L (gal)	Dimensions, H x W x D, mm (in)
MO675ALCPUREECO	280 (75)	3–6 (43.5–87)	1/2"	12 (3.2)	310 x 440 x 195 (12.2 x 17.3 x 7.7)

* The indicators are determined under the following conditions: inlet water temperature is 20 °C, outlet water composition and filter operation parameters correspond to the recommended by the manufacturer, water consumption intensity is appropriate for a family of three. When the inlet water temperature decreases in winter, the mineral content in the treated water may be lower, and when the temperature increases in summer, it may be higher.

COMPONENTS:

- Filter housing
- Pack of pre-filters for reverse osmosis filter
- Membrane element 75 GPD (280 LPD)
- Mineralization filter for reverse osmosis filter
- Alkafuse filter
- 'Modern' ball valve faucet for purified water
- Plastic pressure tank (total vol. 12 L/3.2 gal, usable vol. up to 7 L/1.8 gal) and tank valve
- Feed water adapter, feed valve, drain saddle
- Pack of color tubes (4 pcs.) for convenient filter installation
- Service wrenches
- User manual

Unit weight (net/gross), kg: 8.75/10.5

lb: 19.3/23.2

Box dimensions, m: 0.49 x 0.49 x 0.35

in: 19.2 x 19.2 x 13.8



P'URE ALKAFUSE REVERSE OSMOSIS FILTER

Code	Product	Pieces in box	Boxes on pallet	Pieces on pallet
MO675ALCPUREECO	Ecosoft P'URE Alkafuse reverse osmosis filter	1	26	26

Minimum order is 1 pallet of any product

ECOSOFT P'URE ALKAFUSE REVERSE OSMOSIS FILTER ON METAL RACK WITH PUMP



ALKALINE
WATER

FILTRATION TECHNOLOGY:

- 5 micron PP sediment filter
- GAC coconut shell carbon filter
- AquaGreen filter
- 75 GPD RO membrane element
- Alkafuse Alkaline Remineralizer
- Mineralization filter

SPECIFICATION:

Code	Flow capacity, LPD (GDP)	Inlet pressure, bar (psi)	Connections	Dimensions, H x W x D, mm (in)
MO675MALCPSECO	280 (75)	2–5 (29.0–72.5)	1/2"	485 x 410 x 195 (19.1 x 16.1 x 7.7)

COMPONENTS:

- Filter housing
- Pack of pre-filters for reverse osmosis filter
- Membrane element 75 GPD (280 LPD)
- Mineralization filter for reverse osmosis filter
- Alkafuse filter
- 'Modern' ball valve faucet for purified water
- Plastic pressure tank (total vol. 12 L/3.2 gal, usable vol. up to 7 L/1.8 gal) and tank valve
- Feed water adapter, feed valve, drain saddle
- Pack of color tubes (4 pcs.) for convenient filter installation
- Service wrenches
- User manual

Unit weight (net/gross), kg: 11.95/13.70

lb: 26.6/30.2

Box dimensions, m: 0.59 x 0.46 x 0.30

in: 23.2 x 18.1 x 11.8



KEY FEATURES:

1. pH value of filtered water is higher than 8,5
2. **Recovery rate 50%** — AquaGreen technology conserves up to 20 000 litres of water per year
3. Maintenance-friendly due to self-standing metal rack
4. Designed for water systems with low pressure

WATER AFTER FILTER*:

Parameter	Value
pH	> 8,5
Total mineral content, mg/L	60 - 120
Magnesium, mg/L	5 - 15
Calcium, mg/L	5 - 15

* The indicators are determined under the following conditions: inlet water temperature is 20 °C, outlet water composition and filter operation parameters correspond to the recommended by the manufacturer, water consumption intensity is appropriate for a family of three. When the inlet water temperature decreases in winter, the mineral content in the treated water may be lower, and when the temperature increases in summer, it may be higher.



ECOSOFT P'URE ALKAFUSE REVERSE OSMOSIS FILTER ON METAL RACK WITH PUMP

Code	Product	Pieces in box	Boxes on pallet	Pieces on pallet
MO675MALCPSECO	Ecosoft P'URE Alkafuse reverse osmosis filter on metal rack with pump	1	28	28

Minimum order is 1 pallet of any product

ECOSOFT STANDARD REVERSE OSMOSIS FILTER



KEY FEATURES:

1. Reliable and affordable solution
2. Ecosoft membrane element — membrane flat sheet manufactured in the USA
3. Filter housing made of food grade plastic
4. WQA Gold Seal certificate confirms compliance with the NSF standards

FILTRATION TECHNOLOGY:

- 5 micron PP sediment filter
- GAC coconut shell carbon filter
- 1 micron sediment PP filter
- 50 GPD RO membrane element
- Coconut shell carbon post-filter

SPECIFICATION:

Code	Flow capacity, LPD (GPD)	Inlet pressure, bar (psi)	Connections	Total volume of storage tank, L (gal)	Dimensions, H x W x D, mm (in)
MO550ECOSTD	190 (50)	3–6 (43.5–87)	1/2"	12 (3.2)	420 x 410 x 150 (16.5 x 16.1 x 5.9)

COMPONENTS:

- Filter housing
- Ecosoft pack of pre-filters for reverse osmosis filter
- Membrane element 50 GPD (190 LPD)
- Ecosoft carbon post-filter for reverse osmosis filter
- Chrome ball valve faucet for purified water
- Plastic pressure tank (total vol. 12 L/3.2 gal, usable vol. up to 7 L/1.8 gal) and tank valve
- Feed water adapter, feed valve, drain saddle
- Pack of color tubes (4 pcs.) for convenient filter installation
- Service wrenches
- User manual



Unit weight (net/gross), kg: 8.07/9.12
lb: 17.8/20.1
Box dimensions, m: 0.29 x 0.58 x 0.47
in: 11.4 x 22.8 x 18.5

ECOSOFT STANDARD REVERSE OSMOSIS FILTER

Code	Product	Pieces in box	Boxes on pallet	Pieces on pallet
MO550ECOSTD	Ecosoft Standard reverse osmosis filter	1	28	28

Minimum order is 1 pallet of any product

ECOSOFT STANDARD REVERSE OSMOSIS FILTER WITH MINERALIZATION



KEY FEATURES:

1. Reliable and affordable solution
2. 6 stages of water purification including mineralization
3. Ecosoft membrane element — membrane flat sheet manufactured in the USA
4. Filter housing made of food grade plastic
5. WQA Gold Seal certificate confirms compliance with the NSF standards

FILTRATION TECHNOLOGY:

- 5 micron PP sediment filter
- GAC coconut shell carbon filter
- 1 micron sediment PP filter
- 50 GPD RO membrane element
- Coconut shell carbon post-filter
- Mineralization filter

SPECIFICATION:

Code	Flow capacity, LPD (GPD)	Inlet pressure, bar (psi)	Connections	Total volume of storage tank, L (gal)	Dimensions, H x W x D, mm (in)
MO650MECOSTD	190 (50)	3–6 (43.5–87)	1/2"	12 (3.2)	420 x 410 x 150 (16.5 x 16.1 x 5.9)

COMPONENTS:

- Filter housing
- Ecosoft pack of pre-filters for reverse osmosis filter
- Membrane element 50 GPD (190 LPD)
- Ecosoft carbon post-filter for reverse osmosis filter
- Ecosoft mineralization filter
- Chrome ball valve faucet for purified water
- Plastic pressure tank (total vol. 12 L/3.2 gal, usable vol. up to 7 L/1.8 gal) and tank valve
- Feed water adapter, feed valve, drain saddle
- Pack of color tubes (5 pcs.) for convenient filter installation
- Service wrench
- User manual



Unit weight (net/gross), kg: 9.00/10.04
lb: 19.8/22.1

Box dimensions, m: 0.29 x 0.58 x 0.47
in: 11.4 x 22.8 x 18.5

ECOSOFT STANDARD REVERSE OSMOSIS FILTER WITH MINERALIZATION

Code	Product	Pieces in box	Boxes on pallet	Pieces on pallet
MO650MECOSTD	Ecosoft Standard reverse osmosis filter with mineralization	1	28	28

Minimum order is 1 pallet of any product

ECOSOFT STANDARD REVERSE OSMOSIS FILTER WITH PUMP



KEY FEATURES:

1. Reliable and affordable solution
2. Ecosoft membrane element — membrane flat sheet manufactured in the USA
3. Filter housing made of food grade plastic
4. WQA Gold Seal certificate confirms compliance with the NSF standards
5. Designed for water systems with low pressure

FILTRATION TECHNOLOGY:

- 5 micron PP sediment filter
- GAC coconut shell carbon filter
- 1 micron sediment PP filter
- 50 GPD RO membrane element
- Coconut shell carbon post-filter

SPECIFICATION:

Code	Flow capacity, LPD (GPD)	Inlet pressure, bar (psi)	Connections	Total volume of storage tank, L (gal)	Dimensions, H x W x D, mm (in)
MO550PECOSTD	190 (50)	2–5 (29.0–72.5)	1/2"	12 (3.2)	455 x 410 x 195 (17.9 x 16.1 x 7.7)

COMPONENTS:

- Filter housing with booster pump
- Ecosoft pack of pre-filters for reverse osmosis filter
- Membrane element 50 GPD (190 LPD)
- Ecosoft carbon post-filter for reverse osmosis filter
- Chrome ball valve faucet for purified water
- Plastic pressure tank (total vol. 12 L/3.2 gal, usable vol. up to 7 L/1.8 gal) and tank valve
- Feed water adapter, feed valve, drain saddle
- Pack of color tubes (4 pcs.) for convenient filter installation
- Service wrench
- User manual

Unit weight (net/gross), kg: 10.48/12.23

lb: 23.1/26.96

Box dimensions, m: 0.59 x 0.46 x 0.30

in: 23.2 x 18.1 x 11.8



ECOSOFT STANDARD REVERSE OSMOSIS FILTER WITH PUMP

Code	Product	Pieces in box	Boxes on pallet	Pieces on pallet
MO550PECOSTD	Ecosoft Standard reverse osmosis filter with pump	1	28	28

Minimum order is 1 pallet of any product

ECOSOFT STANDARD REVERSE OSMOSIS FILTER ON METAL RACK WITH PUMP AND MINERALIZATION



- KEY FEATURES:**
1. 6 stages of water purification including mineralization
 2. Ecosoft membrane element — membrane flat sheet manufactured in the USA
 3. Filter housing made of food grade plastic
 4. WQA Gold Seal certificate confirms compliance with the NSF standards
 5. Designed for water systems with low pressure

FILTRATION TECHNOLOGY:

- 5 micron PP sediment filter
- GAC coconut shell carbon filter
- 1 micron sediment PP filter
- 50 GPD RO membrane element
- Coconut shell carbon post-filter
- Mineralization filter

SPECIFICATION:

Code	Flow capacity, LPD (GPD)	Inlet pressure, bar (psi)	Connections	Total volume of storage tank, L (gal)	Dimensions, H x W x D, mm (in)
MO650M1PSECOST	190 (50)	2–5 (29.0–72.5)	1/2"	12 (3.2)	485 x 410 x 195 (19.1 x 16.1 x 7.7)

COMPONENTS:

- Filter housing with booster pump on metal rack
- Ecosoft pack of pre-filters for reverse osmosis filter
- Membrane element 50 GPD (190 LPD)
- Ecosoft carbon post-filter for reverse osmosis filter
- Chrome ball valve faucet for purified water
- Plastic pressure tank (total vol. 12 L/3.2 gal, usable vol. up to 7 L/1.8 gal) and tank valve
- Feed water adapter, feed valve, drain saddle
- Pack of color tubes (4 pcs.) for convenient filter installation
- Service wrench
- User manual

Unit weight (net/gross), kg: 11.95/13.70
 lb: 26.6/30.2
 Box dimensions, m: 0.59 x 0.46 x 0.30
 in: 23.2 x 18.1 x 11.8



ECOSOFT STANDARD REVERSE OSMOSIS FILTER ON METAL RACK WITH PUMP AND MINERALIZATION

Code	Product	Pieces in box	Boxes on pallet	Pieces on pallet
MO650M1PSECOST	Ecosoft Standard reverse osmosis filter on metal rack with pump and mineralization	1	28	28

Minimum order is 1 pallet of any product

ECOSOFT STANDARD 3-STAGE FILTER



KEY FEATURES:

1. 24/7/365 source of drinking water
2. 3 stages of tap water purification with unique Ecomix® technology
3. Simple installation and replacement of filters
4. Compact dimensions
5. Filter housing made of food grade plastic manufactured in the EU

FILTRATION TECHNOLOGY:

- 5 micron PP melt blown sediment filter — removes sand, silt, rust and other particulates
- Filter with ECOMIX® advanced softening material — reduces hardness, chlorine, and toxic metals
- CTO coconut shell carbon filter — reduces chlorination byproducts and sediments

SPECIFICATION:

Code	Flow capacity, L/min (gpm)	Inlet pressure, bar (psi)	Connections	Dimensions, H x W x D, mm (in)
FMV3ECOSTD	1.0 (0.25)	2–6 (29–87)	1/2"	420 x 370 x 150 (16.5 x 14.6 x 5.9)

COMPONENTS:

- Filter housing
- Pack of replacement filters
- Chrome ball valve faucet for purified water
- Feed water adapter, feed valve
- Pack of color tubes (2 pcs.) for convenient filter installation
- Service wrench
- User manual

Unit weight (net/gross), kg: 4.00/4.15

lb: 8.82/9.15

Box dimensions, m: 0.49 x 0.42 x 0.38

in: 19.3 x 16.5 x 15.0



ECOSOFT STANDARD 3-STAGE FILTER

Code	Product	Pieces in box	Boxes on pallet	Pieces on pallet
FMV3ECOSTD	Ecosoft Standard 3-stage filter	3	20	60

Minimum order is 1 pallet of any product

ECOSOFT PACKS OF REPLACEMENT FILTERS

ECOSOFT PACK OF REPLACEMENT FILTERS FOR 3-STAGE FILTER

Model CMV3ECO

FILTRATION TECHNOLOGY:

- 5 micron sediment filter — reduces content of sand, silt, scale and other insoluble compounds exceeding the size of 5 microns
- ECOMIX® D37 media filter — reduces the content of hardness, removes chlorine, reduces the concentration of heavy and non-ferrous metals
- CTO coconut shell carbon filter — reduces content of chlorination byproducts and sediments

ECOSOFT ADVANCED PACK OF REPLACEMENT FILTERS FOR 3-STAGE FILTER

Model CRV3ECO

FILTRATION TECHNOLOGY:

- ECOMIX® D37 media filter — reduces the content of hardness, removes chlorine, reduces the concentration of heavy and non-ferrous metals.
- ECOMIX® D531 media filter — provides additional softening and reduces the concentration of phenols and petroleum products. This mixture contains a polymeric sorbent that reduces organic compounds, iron and manganese from water.
- CTO coconut shell carbon filter — reduces content of chlorination byproducts and sediments

ECOSOFT PACK OF REPLACEMENT FILTERS 1-2-3 FOR REVERSE OSMOSIS FILTER

Model CPV3ECOSTD

FILTRATION TECHNOLOGY:

- 5 micron sediment filter — reduces content of sand, silt, scale and other insoluble compounds exceeding the size of 5 microns
- Granular activated carbon (GAC) filter — reduces content of chlorine, chlorination byproducts, natural organic matter and petrochemicals
- 1 micron sediment filter — reduces content of sand, silt, scale and other insoluble particles larger than 1 micron

ECOSOFT ADVANCED PACK OF REPLACEMENT FILTERS 1-2-3 FOR REVERSE OSMOSIS FILTER

Model CHV3ECO

FILTRATION TECHNOLOGY:

- 5 micron sediment filter — reduces content of sand, silt, scale and other insoluble compounds exceeding the size of 5 microns
- Granular activated carbon (GAC) filter — reduces content of chlorine, chlorination byproducts, natural organic matter and petrochemicals
- CTO coconut shell carbon filter — reduces content of chlorination byproducts and sediments

Unit weight (net/gross), kg: 0.95/0.97

lb: 2.09/2.14

Box dimensions, m: 0.48 x 0.32 x 0.27

in: 18.9 x 12.6 x 10.6



ECOSOFT PACKS OF REPLACEMENT FILTERS

Code	Product	Pieces in box	Boxes on pallet	Pieces on pallet
CMV3ECO	Ecosoft pack of replacement filters for 3-stage water filters	8	42	336
CRV3ECO	Ecosoft advanced pack of replacement filters for 3-stage water filters	8	42	336
CPV3ECOSTD	Ecosoft pack of replacement filters 1-2-3 for reverse osmosis filters	8	42	336
CHV3ECO	Ecosoft advanced pack of replacement filters 1-2-3 for reverse osmosis filters	8	42	336

Minimum order is 1 pallet of any product

CONSUMABLES FOR REVERSE OSMOSIS FILTERS

ECOSOFT P'URE BALANCE PACK OF REPLACEMENT FILTERS

Model CHV5PUREBAL

FILTRATION TECHNOLOGY:

- 5 micron sediment PP filter removes large particulates of silt, sand and rust
- Granular activated carbon (GAC) filter reduces content of chlorine, chlorination byproducts and natural organic matter
- Filter with AquaGreen technology protects membrane element
- AquaSpring filter enriches pure water with calcium and magnesium
- Coconut shell carbon post-filter improves taste and odour of the purified water



ECOSOFT P'URE AQUACALCIUM REPLACEMENT FILTER

Model PD2010MACPURE

DESCRIPTION:

The filter contains a mineral composition, which was formulated to enrich water with essential dietary minerals, including calcium. The replacement filter is used with Ecosoft P'URE AquaCalcium reverse osmosis filters.



WARNING! Please be aware, that it is possible to use the AquaCalcium replacement filter in the other models of Ecosoft filters, or filters produced by other manufacturers. But in this case, mineral enrichment of water will be 3-5 times lower.

ECOSOFT P'URE ALKAFUSE REPLACEMENT FILTER

Model PD2010ALCECO

DESCRIPTION:

The filter contains a mineral composition, which was formulated to increase pH level of water by adding such minerals as calcium and magnesium. The replacement filter is used with Ecosoft P'URE Alkafuse reverse osmosis filters.



CONSUMABLES FOR REVERSE OSMOSIS FILTERS

Code	Product	Pieces in box	Boxes on pallet	Pieces on pallet
CHV5PUREBAL	Ecosoft P'URE Balance pack of replacement filters Unit weight (net/gross), kg: 2.4/2.4 (lb: 5.3/5.3) Box dimensions, m: 0.42 x 0.33 x 0.24 (in: 16.5 x 12.9 x 9.4)	3	66	198
PD2010MACPURE	Ecosoft P'URE AquaCalcium replacement filter Unit weight (net/gross), kg: 0.95/0.97 (lb: 2.09/2.14) Box dimensions, m: 0.38 x 0.33 x 0.15 (in: 15.0 x 13.0 x 6.0)	4	99	396
PD2010ALCECO	Ecosoft P'URE Alkafuse replacement filter Unit weight (net/gross), kg: 0.35/0.4 (lb: 0.77/0.88)	30	54	1 620

Minimum order is 1 pallet of any product

ECOSOFT PACK OF REPLACEMENT FILTERS 4-5 FOR REVERSE OSMOSIS FILTER

Model CSVRO50ECOST

FILTRATION TECHNOLOGY:

- 50 GPD reverse osmosis membrane element — purifies water from 99.8% of impurities including bacteria and viruses, unpleasant tastes or odors
- Coconut shell carbon post-filter — improves taste and odor of the purified water



ECOSOFT CARBON POST-FILTER FOR REVERSE OSMOSIS FILTER

Model CHV2010ECO

KEY FEATURES:

- Tasty water thanks to coconut shell carbon
- Simple installation with push-fit connectors
- Filter housing is made of food grade plastic manufactured in the EU
- Manufacturer assurance — all of the filters are tested and approved for domestic application



ECOSOFT MINERALIZATION FILTER FOR REVERSE OSMOSIS FILTER

Model PD2010ECO

KEY FEATURES:

- Water is enriched with the minerals essential for human health
- Delicious taste thanks to coconut shell carbon
- Simple installation with push-fit connectors
- Filter housing is made of food grade plastic manufactured in the EU
- Manufacturer assurance — all of the filters are tested and approved for domestic application



CONSUMABLES FOR REVERSE OSMOSIS FILTERS

Code	Product	Pieces in box	Boxes on pallet	Pieces on pallet
CSVRO50ECOST	Ecosoft pack of replacement filters 4-5 for reverse osmosis filter Unit weight (net/gross), kg: 0.52/0.53 (lb: 1.15/1.17) Box dimensions, m: 0.32 x 0.39 x 0.29 (in: 12.6 x 15.35 x 11.42)	18	45	810
CHV2010ECO	Ecosoft carbon post-filter for reverse osmosis filter Unit weight (net/gross), kg: 0.23/0.24 (lb: 0.51/0.53) Box dimensions, m: 0.39 x 0.31 x 0.29 (in: 15.4 x 12.2 x 11.42)	30	54	1 620
PD2010ECO	Ecosoft mineralization filter for reverse osmosis filter Unit weight (net/gross), kg: 0.35/0.4 (lb: 0.77/0.88) Box dimensions, m: 0.39 x 0.31 x 0.29 (in: 15.4 x 12.2 x 11.42)	30	54	1 620

Minimum order is 1 pallet of any product

ECOSOFT RESIDENTIAL REVERSE OSMOSIS MEMBRANE ELEMENTS

DESCRIPTION:

Ecosoft residential reverse osmosis membrane elements are made to provide pure and tasty drinking water with stable high quality.

KEY FEATURES:

- Industry's leading membrane flat sheet manufactured in the USA
- Up to 20% higher performance and up to 20 min faster storage tank fill compared to many competitive products
- High stabilized salt rejection — 96%
- High capacity even in cold water
- Highly consistent quality membrane winding thanks to automated manufacturing line
- Every Ecosoft membrane element is individually vacuum tested



TECHNICAL DATA AND OPERATIONAL PARAMETERS

Code	Element Type	Average permeate flow rate, L/h (GPD)	Stabilized Salt Rejection, %	Applied pressure, bar (psi)
CSV181250ECO	50 GPD	7.9 (50)	96	3.4 (50)
CSV181275ECO	75 GPD	12.0 (75)		3.4 (50)
CSV1812100ECO	100 GPD	15.8 (100)		3.4 (50)
CSV3012500ECO	500 GPD	78.0 (500)		4.8 (70)

1. Permeate flow and salt rejection based on the following test conditions: 250 ppm softened tap water, 25 °C (77 °F), 15% recovery (40% for 500 GPD membrane) and the specified applied pressure
2. Minimum salt rejection is 94%
3. Permeate flow for individual elements for warranty evaluation may vary $\pm 20\%$

MEMBRANE ELEMENTS DIMENSIONS

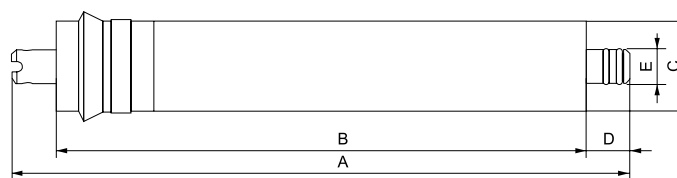
Element Type	A	B	C	D	E
50 GPD		236 \pm 2 mm (9.29 \pm 0.07")			
75 GPD	297 \pm 1 mm (11.73 \pm 0.037")		\varnothing 45 \pm 2 mm (1.775 \pm 0.07")	22 \pm 2 mm (0.87 \pm 0.07")	\varnothing 17 \pm 0.3 mm (0.67 \pm 0.12")
100 GPD		254 \pm 2 mm (9.985 \pm 0.07")			
500 GPD			\varnothing 76 \pm 2 mm (2.992 \pm 0.07")		

Unit weight (net/gross), kg: 0.18/0.18

lb: 0.4/0.4

Box dimensions, m: 0.33 x 0.37 x 0.37

in: 13.0 x 14.6 x 14.6



ECOSOFT RESIDENTIAL REVERSE OSMOSIS MEMBRANE ELEMENTS

Code	Product	Pieces in box	Boxes on pallet	Pieces on pallet
CSV181250ECO	Ecosoft 50 GPD membrane element	25	48	1 200
CSV181275ECO	Ecosoft 75 GPD membrane element	25	48	1 200
CSV1812100ECO	Ecosoft 100 GPD membrane element	25	48	1 200
CSV3012500ECO	Ecosoft 500 GPD membrane element	16	48	768

Minimum order is 1 pallet of any product

ECOMIX®

SUPER SOFTENER

SIMPLE SOLUTION FOR 5 PROBLEMS:

- hardness
- iron
- manganese
- natural organic matter
- ammonium

ECOMIX® FILTER MEDIA

ECOMIX® is a scientifically grounded technology, confirmed by 6 patents and service world-wide since 1998.

ECOMIX® works effectively in well water and municipal water within the allowable concentrations of iron and manganese, hardness and natural organic matter.

ECOMIX® consists of five ingredients, including two patented materials.

ECOMIX® is a highly effective filter media for problem water.

ECOMIX® is the media used in domestic and industrial Ecosoft FK filtration systems.

It is a composite media that separates on five layers during the first regeneration of the filter. ECOMIX® is regenerated with regular pelletized salt for softeners.

ECOMIX® is one of the materials that is widely used both in household filters and in industrial water treatment systems.

ECOMIX® is certified to NSF/ANSI health standards. It also has European sanitary certificates issued by TÜV SÜD.

ECOMIX® PURIFIES WATER FROM:

- hardness
- iron
- manganese
- natural organic matter
- ammonium



	ECOMIX®P	ECOMIX®A	ECOMIX®C
	For well or tap water with stable composition	For well or tap water with moderate organics content	For well or tap water with high organics content
Flexibility	Requires stable quality of water	Handles seasonal variations in water composition	Handles seasonal variations in water composition without significant changes of treated water quality!
Limitations			
Hardness, mg/L CaCO ₃		750	
Iron, mg/L		15.0	
Manganese, mg/L		3.0	
Chemical Oxygen Demand, mg/L O ₂	3.0	20.0 (Reduces by 50%)	20.0 (Reduces by 80%)
Ammonium, mg/L		4.0	
Service life, years	3	5	5

ECOMIX® is certified in compliance with NSF/ANSI standards:

- NSF/ANSI 61 Drinking Water System Components – Health Effects
- NSF/ANSI 44 Residential Cation Exchange Water Softeners
- NSF/ANSI 372 Drinking Water System Components – Lead Content Scheme



Minimum order is 1 pallet of any product

ADVANCED SOFTENERS

We produce a wide range of filtration systems for complex treatment of water from hardness, iron, manganese, ammonium, and organic matter. The filters are loaded with high quality filter materials certified in compliance with NSF/ANSI standards. State-of-the-art control valve (developed by Ecosoft and produced by Clack Corporation) provides filter's independent service, keeps constant reserve of purified water and doesn't require any special attention.

ECOSOFT P'URE SERIES COMPACT IRON AND HARDNESS REDUCTION FILTERS

APPLICATIONS:

Water purification for the whole house/apartment

PURIFICATION TECHNOLOGY:

- **ECOMIX® C** — provides iron-free crystal clear soft water with bluish tint. FK series filters reduce iron, hardness, manganese, ammonium, and organic matter
- **DOWEX® HCR-S/S** — provides softened water. FU series filters remove hardness

CONTROL VALVE:

Ecosoft Clack WS1 CE (time and volume regenerated)

KEY FEATURES:

- Compact and elegant design
- Up to 3 times less salt usage per regeneration compared to competitive products
- Fully automated operation and regeneration
- Versatile modern control valve with multilingual menu
- 12 months warranty

COMPONENTS:

Cabinet softener assembly, including:

- Cardboard box with color printing
- Control valve with injector, drain line flow control (DLFC), top distributor and power adaptor
- Cabinet housing with pressure tank, riser pipe and bottom distributor
- Filter media
- User manual

OPTIONS:

- Inline bypass assembly
- Inline external mixing valve
- Motorized No Hard Water Bypass Valve for bypass shutoff during regeneration
- Motorized three-way Alternating Valve for routing water in Twin systems
- Multi-unit system controller
- Microswitch (regeneration activated)



Code	Product
ECOSOFT P'URE COMPACT IRON AND HARDNESS REDUCTION FILTERS (ECOMIX® C)	
FK0835CABCEMIXC	Ecosoft P'URE compact iron and hardness reduction filter
FK1035CABCEMIXC	Ecosoft P'URE compact iron and hardness reduction filter
FK1235CABCEMIXC	Ecosoft P'URE compact iron and hardness reduction filter
ECOSOFT P'URE COMPACT WATER SOFTENERS (DOWEX® HCR-S/S)	
FU1018CABCE	Ecosoft P'URE compact water softener
FU0835CABCE	Ecosoft P'URE compact water softener
FU1035CABCE	Ecosoft P'URE compact water softener
FU1235CABCE	Ecosoft P'URE compact water softener

TECHNICAL SPECIFICATION:

Parameter	FK0835CABCEMIXC	FK1035CABCEMIXC	FK1235CABCEMIXC
Operating/maximum flow rate, m ³ /h	0.6/0.8	1.0/1.2	1.4/1.8
Quantity of ECOMIX®, L	18	25	37
Volume capacity, m ³ @ 250 mg/L CaCO ₃ influent hardness	2.2	3	4.5
Usage of salt per regeneration ¹ , kg	1.8–2.8	2.5–4.0	3.7–6.0
Usage of water per regeneration (= discharge per regeneration), m ³	0.18	0.25	0.37
Duration of regeneration, minutes		80–110	
Pressure drop in service mode, bar		0.5	
Inlet pressure, bar		2–6	
Electrical requirements		230 V, 50 Hz	
Power consumption, W		30	
Inlet/outlet pipe connections		1"	
Dry weight, kg	25	30	42
Overall dimensions, (Width × Depth × Height), cm	35 x 52 x 113	35 x 52 x 113	35 x 52 x 113

INFLUENT WATER LIMITATIONS:

Hardness	750 mg/L CaCO ₃
Iron	15 mg/L
Manganese	3 mg/L
Chemical Oxygen Demand	20 mg/L O ₂
Ammonium	4 mg/L
Sediment prefilter rating	100 µm
Temperature of water ²	+4...+30 °C

TECHNICAL SPECIFICATION:

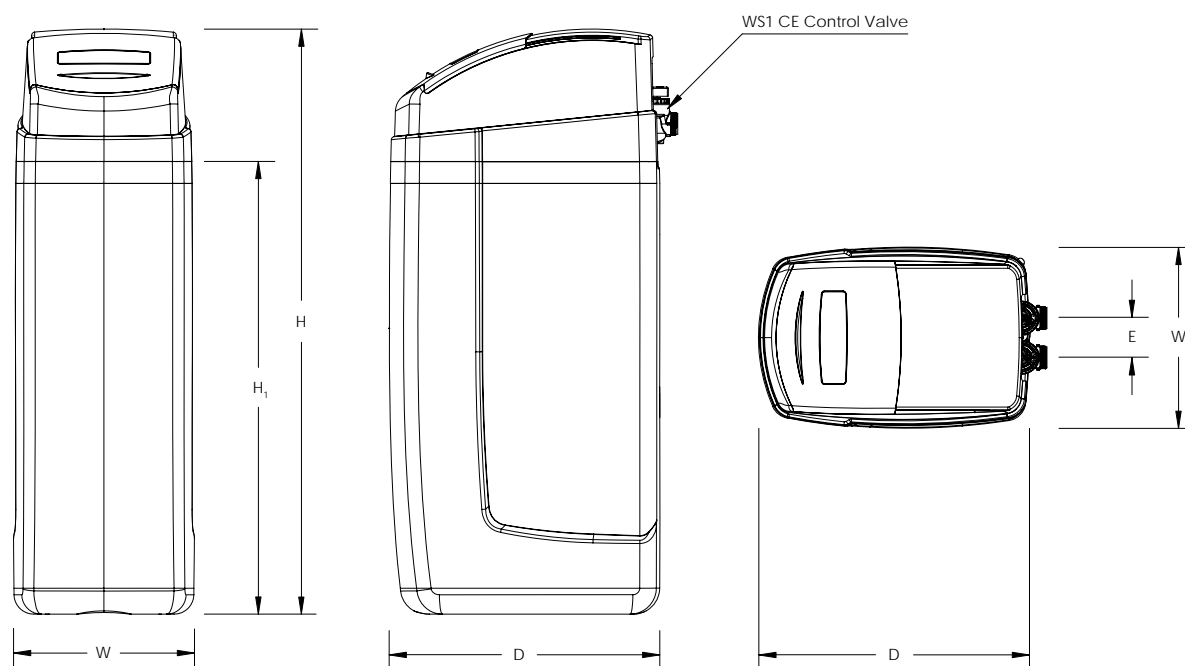
Parameter	FU1018CABCE	FU0835CABCE	FU1035CABCE	FU1235CABCE
Operating/maximum flow rate, m ³ /h	0.8/1.0	1.0/1.3	1.5/2.0	2.2/2.8
Quantity of DOWEX® HCR-S/S, L	12	18	25	37
Volume capacity, m ³ @ 250 mg/L CaCO ₃ influent hardness	2.4	3.5	5	7.5
Usage of salt per regeneration ¹ , kg	1.2–1.9	1.8–2.8	2.5–4.0	3.7–6.0
Usage of water per regeneration (= discharge per regeneration), m ³	0.12	0.18	0.25	0.37
Duration of regeneration, minutes		80–110		
Pressure drop in service mode, bar		0.5		
Inlet pressure, bar		2–6		
Electrical requirements		230 V, 50 Hz		
Power consumption, W		30		
Inlet/outlet pipe connections		1"		
Dry weight, kg	18	25	30	42
Overall dimensions, (Width × Depth × Height), cm	35 x 52 x 70	35 x 52 x 113	35 x 52 x 113	35 x 52 x 113

INFLUENT WATER LIMITATIONS:

Hardness	750 mg/L CaCO ₃
Iron	0.2 mg/L
Manganese	0.05 mg/L
Chemical Oxygen Demand	5 mg/L O ₂
Sediment prefilter rating	100 µm
Temperature of water ²	+4...+30 °C

¹ It is recommended to use Ecosil pelletized salt for regeneration² The product is only suitable for cold water

ECOSOFT P'URE CABINET DIMENSIONS



Model	Control valve port sizes (port height**, mm)					Dimensions*, mm			
	Water Inlet	Water Outlet	Drain Outlet	Brine Inlet	E (distance between Inlet / Outlet)	W	D	H	H ₁
FU1018CABCE	1" M (540)	1" M (540)	3/4" M (640)	3/8" CF (640)	78	350	520	700	450
FK0835CABCEMIXC FU0835CABCE	1" M (970)	1" M (970)	3/4" M (1070)	3/8" CF (1070)	78	350	520	1130	880
FK1035CABCEMIXC FU1035CABCE	1" M (970)	1" M (970)	3/4" M (1070)	3/8" CF (1070)	78	350	520	1130	880
FK1235CABCEMIXC FU1235CABCE	1" M (970)	1" M (970)	3/4" M (1070)	3/8" CF (1070)	78	350	520	1130	880

* Dimensions are for reference only. The dimensions may vary ±30 mm between batches of the product.

** M — male, F — female, CF — compression fitting

ECOSOFT ABSOLUTE SERIES IRON AND HARDNESS REDUCTION FILTERS

APPLICATIONS:

Water treatment for private houses, hotels, restaurants, boilers, cooling circuits, and small-scale industrial processes

PURIFICATION TECHNOLOGY:

- **ECOMIX® A** — provides iron-free crystal clear soft water with bluish tint. FK series filters reduce iron, hardness, manganese, ammonium and organic matter
- **DOWEX® HCR-S/S** — provides softened water. FU series filters remove hardness

CONTROL VALVE:

Ecosoft Clack WS1 CE (time and volume regenerated)

KEY FEATURES:

- Up to 3 times lower salt usage per regeneration compared to competitive products
- Fully automated operation and regeneration
- Versatile modern control valve with multilingual menu
- 12 month warranty

COMPONENTS:

- WS1 CE control valve with injector, drain line flow control (DLFC), top distributor, power adaptor and tank funnel
- Pressure tank with riser pipe and bottom distributor
- Brine tank with brine system (for regeneration)
- Filter media
- User manual

OPTIONS:

- Inline bypass assembly
- Inline external mixing valve
- Motorized No Hard Water Bypass Valve for bypass shutoff during regeneration
- Motorized three-way Alternating Valve for routing water in Twin systems
- Multi-unit system controller
- Tank insulation jacket
- Microswitch (regeneration activated)



Tank insulation jacket is not included

Code	Product
ECOSOFT ABSOLUTE IRON AND HARDNESS REDUCTION FILTERS (ECOMIX® A)	
FK1054CEMIXA	Ecosoft Absolute iron and hardness reduction filter
FK1252CEMIXA	Ecosoft Absolute iron and hardness reduction filter
FK1354CEMIXA	Ecosoft Absolute iron and hardness reduction filter
FK1465CEMIXA	Ecosoft Absolute iron and hardness reduction filter
FK1665CEMIXA	Ecosoft Absolute iron and hardness reduction filter
ECOSOFT ABSOLUTE WATER SOFTENERS (DOWEX® HCR-S/S)	
FU1054CE	Ecosoft Absolute water softener
FU1252CE	Ecosoft Absolute water softener
FU1354CE	Ecosoft Absolute water softener
FU1465CE	Ecosoft Absolute water softener
FU1665CE	Ecosoft Absolute water softener

TECHNICAL SPECIFICATION:

Parameter	FK1054CEMIXA	FK1252CEMIXA	FK1354CEMIXA	FK1465CEMIXA	FK1665CEMIXA
Operating/maximum flow rate, m ³ /h	1.3/1.5	1.8/2.2	2.2/2.5	2.5/3.0	3.3/3.9
Quantity of ECOMIX®, L	37	50	62	75	100
Volume capacity, m ³ @ 250 mg/L CaCO ₃ influent hardness	5.2	7.0	9.0	11.0	14.0
Usage of salt per regeneration ¹ , kg	4–6	5–8	6–10	8–12	10–16
Usage of water per regeneration (= discharge per regeneration), m ³	0.37	0.50	0.62	0.75	1.0
Duration of regeneration, minutes	80–110				
Pressure drop in service mode, bar	0.5–1.0				
Inlet pressure, bar	2–6				
Electrical requirements	230 V, 50 Hz				
Power consumption, W	30				
Inlet/outlet pipe connections	1"				
Dry weight, kg	45	58	70	85	110
Overall dimensions, (Width × Depth × Height), cm	73 × 45 × 160	75 × 45 × 155	80 × 45 × 160	85 × 50 × 190	90 × 50 × 190

INFLUENT WATER LIMITATIONS:

Hardness	750 mg/L CaCO ₃
Iron	15 mg/L
Manganese	3 mg/L
Chemical Oxygen Demand	8 mg/L O ₂
Ammonium	4 mg/L
Sediment prefilter rating	100 µm
Temperature of water ²	+4...+30 °C

TECHNICAL SPECIFICATION:

Parameter	FU1054CE	FU1252CE	FU1354CE	FU1465CE	FU1665CE
Operating/maximum flow rate, m ³ /h	2.0/2.5	2.8/3.6	3.5/4.5	4.0/5.0	5.0/6.0
Quantity of DOWEX® HCR-S/S resin, L	37	62	75	100	125
Volume capacity, m ³ @ 250 mg/L CaCO ₃ influent hardness	7.5	12.5	15.0	20.0	25.0
Usage of salt per regeneration ¹ , kg	4–6	6–10	8–12	10–16	12–20
Usage of water per regeneration (= discharge per regeneration), m ³	0.37	0.62	0.75	1.0	1.25
Duration of regeneration, minutes	80–110				
Pressure drop in service mode, bar	0.5–1.0				
Inlet pressure, bar	2–6				
Electrical requirements	230 V, 50 Hz				
Power consumption, W	30				
Inlet/outlet pipe connections	1"				
Dry weight, kg	45	68	80	105	130
Overall dimensions, (Width × Depth × Height), cm	73 × 45 × 160	75 × 45 × 155	80 × 45 × 160	85 × 50 × 190	90 × 50 × 190

INFLUENT WATER LIMITATIONS:

Hardness	750 mg/L CaCO ₃
Iron	0.2 mg/L
Manganese	0.05 mg/L
Chemical Oxygen Demand	5 mg/L O ₂
Sediment prefilter rating	100 µm
Temperature of water ²	+4...+30 °C

¹ It is recommended to use Ecosil pelletized salt for regeneration

² The product is only suitable for cold water

ECOSOFT STANDARD SERIES COMPACT WATER FILTERS (WITHOUT FILTER MEDIA)

APPLICATIONS:

Water purification for whole house/apartments

RF FILTERS — CHOOSE A FILTER MEDIA FOR YOUR NEEDS:

- **ECOMIX® C** — provides iron-free crystal clear soft water with bluish tint. It is appropriate for well or tap water with high organics content. RF series advanced water filters with ECOMIX® C filter media reduce iron, hardness, manganese, ammonium, and organic matter
- **ECOMIX® A** — provides iron-free crystal clear soft water with bluish tint. It is appropriate for well or tap water with moderate organics content. RF series advanced water filters with ECOMIX® A filter media reduce iron, hardness, manganese, ammonium, and organic matter
- **ECOMIX® P** — provides iron-free crystal clear soft water with bluish tint. It is appropriate for well or tap water with stable composition. RF series advanced water filters with ECOMIX® P filter media reduce iron, hardness, manganese, ammonium, and organic matter
- **ECOLITE CK** — provides softened water. RF series advanced water filters with Ecolite CK filter media remove hardness

CONTROL VALVE:

Ecosoft Clack CI (time and volume regenerated)

KEY FEATURES:

- Compact design
- Up to 3 times less salt usage per regeneration compared to competitive products
- Fully automated operation and regeneration
- 12 months warranty

COMPONENTS:

Cabinet softener assembly, including:

- Carton box with color printing
- Control valve with injector, drain line flow control (DLFC), top distributor and power adaptor
- Cabinet housing with pressure tank, riser pipe and bottom distributor
- Parts and instruction manual

OPTIONS:

- Inline bypass assembly
- Inline external mixing valve



Filter media is not included in the RF series advanced water filters package

Code	Product
ECOSOFT STANDARD ADVANCED WATER FILTERS (WITHOUT FILTER MEDIA)	
RF0835CABCI	Ecosoft Standard advanced water filter
RF1035CABCI	Ecosoft Standard advanced water filter

ECOSOFT STANDARD SERIES COMPACT WATER SOFTENER

APPLICATIONS:

Water softening for whole house/apartment

FU FILTER — YOUR PERFECT WATER SOFTENER:

- **ECOLITE CK** — provides softened water for domestic, commercial and industrial use, as well as for water treatment in boiler rooms. FU series softeners with ECOLITE CK filter media remove ions of hardness metals

CONTROL VALVE:

Ecosoft Clack CI (time and volume regenerated)

KEY FEATURES:

- Compact design
- Up to 3 times less salt usage per regeneration compared to competitive products
- Fully automated operation and regeneration
- 12 months warranty

COMPONENTS:

Cabinet softener assembly, including:

- Carton box with color printing
- Control valve with injector, drain line flow control (DLFC), top distributor and power adaptor
- Cabinet housing with pressure tank, riser pipe and bottom distributor
- Filter media (ECOLITE CK)
- Parts and instruction manual

OPTIONS:

- Inline bypass assembly
- Inline external mixing valve



Code	Product
ECOSOFT STANDARD WATER SOFTENER (ECOLITE CK)	
FU0817CABCI	Ecosoft Standard water softener

TECHNICAL SPECIFICATION (WITH ECOMIX® A MEDIA) :

Parameter	RF0835CABCI ³	RF1035CABCI ³
Flow rate, m ³ /h	0.8	1.2
Quantity of ECOMIX® A, L	18	25
Volume capacity, m ³ @ 250 mg/L CaCO ₃ influent hardness	2.5	3.5
Usage of salt per regeneration ¹ , kg	1.8–2.8	2.5–4.0
Usage of water per regeneration (= discharge per regeneration), m ³	0.15	0.25
Duration of regeneration, minutes	80–110	
Pressure drop in service mode, bar	0.5	
Inlet pressure, bar	2–6	
Electrical requirements	230 V, 50 Hz	
Power consumption, W	< 30	
Inlet/outlet pipe connections	1"	
Dry weight (loaded with ECOMIX® A), kg	30	35
Overall dimensions, (Width × Depth × Height), cm	23 × 45 × 110	35 × 47 × 110

INFLUENT WATER LIMITATIONS:

Hardness	750 mg/L CaCO ₃
Iron	15 mg/L
Manganese	3 mg/L
Chemical Oxygen Demand	8 mg/L O ₂
Ammonium	4 mg/L
Sediment prefilter rating	100 µm
Temperature of water ²	+4...+30 °C

TECHNICAL SPECIFICATION (WITH ECOLITE CK MEDIA) :

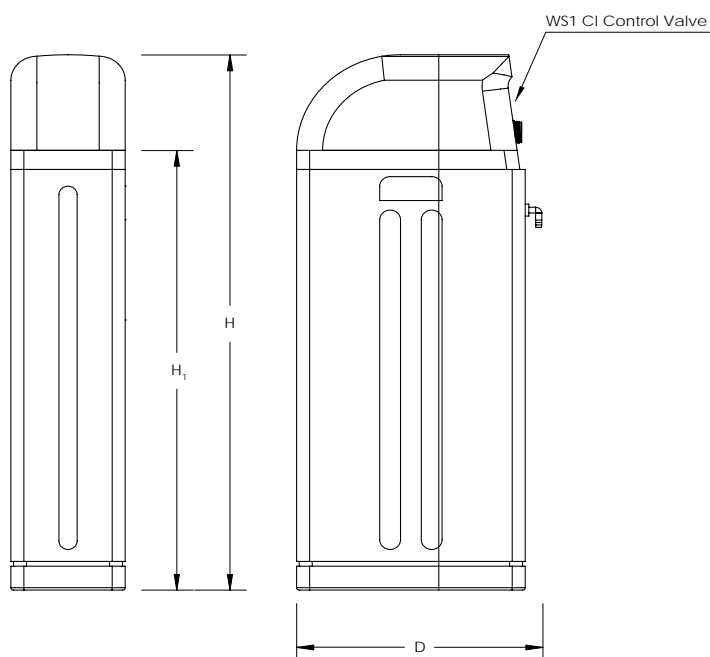
Parameter	RF0835CABCI ³	RF1035CABCI ³	FU0817CABCI
Flow rate, m ³ /h	1.2	2.0	0.8
Quantity of ECOLITE CK resin, L	18	25	8
Volume capacity, m ³ @ 250 mg/L CaCO ₃ influent hardness	3.6	5.0	1.6
Usage of salt per regeneration ¹ , kg	1.8–2.8	2.5–4.0	0.8–1.3
Usage of water per regeneration (= discharge per regeneration), m ³	0.18	0.25	0.08
Duration of regeneration, minutes	80–110		
Pressure drop in service mode, bar	0.5		
Inlet pressure, bar	2–6		
Electrical requirements	230 V, 50 Hz		
Power consumption, W	< 30		
Inlet/outlet pipe connections	1"		
Dry weight loaded with ECOLITE CK), kg	30	35	15
Overall dimensions, (Width × Depth × Height), cm	23 × 45 × 110	35 × 47 × 110	23 × 45 × 65

INFLUENT WATER LIMITATIONS:

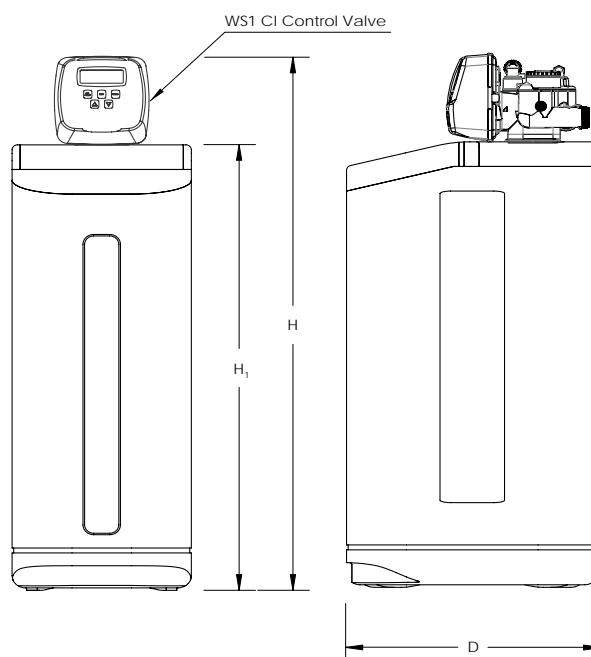
Hardness	750 mg/L CaCO ₃
Iron	0.2 mg/L
Manganese	0.05 mg/L
Chemical Oxygen Demand	5 mg/L O ₂
Sediment prefilter rating	100 µm
Temperature of water ²	+4...+30 °C

¹ It is recommended to use Ecosil pelletized salt for regeneration² The product is only suitable for cold water³ The media is not included within the product package

ECOSOFT FU0817CABCI, RF0835CABCI SYSTEM DIMENSIONS



ECOSOFT RF1035CABCI SYSTEM DIMENSIONS



Model	Control valve port sizes (port height**, mm)					Dimensions*, mm			
	Water Inlet	Water Outlet	Drain Outlet	Brine Inlet	E (distance between Inlet / Outlet)	W	D	H	H ₁
FU0817CABCI	1" M (500)	1" M (500)	3/4" M (590)	3/8" CF (590)	78	230	480	660	445
RF0835CABCI	1" M (950)	1" M (950)	3/4" M (1040)	3/8" CF (1040)	78	230	480	1110	895
RF1035CABCI	1" M (960)	1" M (960)	3/4" M (1050)	3/8" CF (1050)	78	350	470	1120	905

* Dimensions are for reference only. The dimensions may vary ± 30 mm between batches of the product.

** M — male, F — female, CF — compression fitting

CARTRIDGE FILTERS

Cartridge sediment filters are intended for purification of water for household purposes from various sediments.

The filters effectively reduce content of sand, silt, rust, scale and other insoluble impurities of tap, well and borehole water.

ECOSOFT AQUAPOINT WHOLE HOUSE FILTERS

APPLICATION:

The perfect choice for apartments, private houses, small restaurants

KEY FEATURES:

- Compact design
- Six pre-engineered solutions for different water problems
- Filter can be easily complemented with a softener or advanced softener
- Easy connection from any side of the filter
- Can be installed on the floor or hung on the wall



6 SOLUTIONS FOR DIFFERENT WATER PROBLEMS

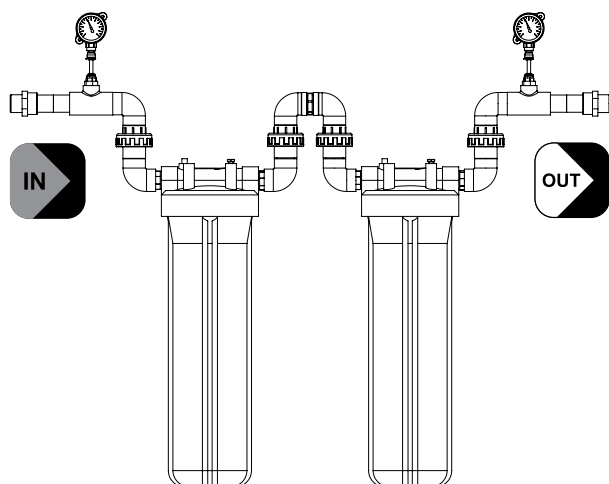
	BB20 CARTRIDGE IN	BB20 CARTRIDGE OUT
SAND & RUST	PP20 (Model CPV452020ECO) 20 µm melt blown polypropylene sediment replacement filter	PP5 (Model CPV45205ECO) 5 µm melt blown polypropylene sediment replacement filter
CHLORINE	PP20 (Model CPV452020ECO) 20 µm melt blown polypropylene sediment replacement filter	GAC (Model CHV4520ECO) Granular activated carbon replacement filter
COLOR AND CHLORINE	GAC (Model CHV4520ECO) Granular activated carbon replacement filter	CTO10 (Model CHVCB4520ECO) Carbon block replacement filter
H₂S (ROTTEN EGGS ODOUR)	PP20 (Model CPV452020ECO) 20 µm melt blown polypropylene sediment replacement filter	GAC-CAT (Model CRVS4520ECO) Smell reduction replacement filter with catalytic activated carbon
IRON	PP20 (Model CPV452020ECO) 20 µm melt blown polypropylene sediment replacement filter	FERROMIX (Model CRVF4520ECO) Iron reduction replacement filter
IRON & H₂S	FERROMIX (Model CRVF4520ECO) Iron reduction replacement filter	GAC-CAT (Model CRVS4520ECO) Smell reduction replacement filter with catalytic activated carbon

ECOSOFT AQUAPOINT WHOLE HOUSE FILTERS

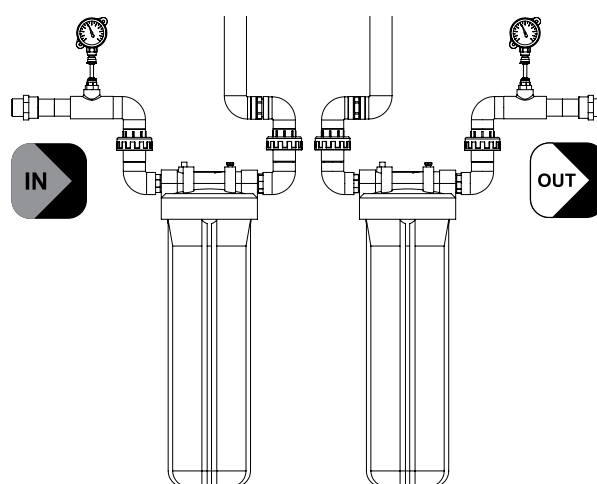
Code	Product	Pieces in box	Boxes on pallet	Pieces on pallet
FPV24520ECO	Ecosoft Aquapoint whole house filter	1	12	12
FPV24520SECOSTD	Ecosoft Aquapoint Standard whole house filter on metal rack	1	20	20
FPV24520ECOSTD	Ecosoft Aquapoint Standard whole house filter	1	20	20

ECOSOFT AQUAPOINT TECHNICAL SPECIFICATION

AQUAPOINT¹



AQUAPOINT with softener²



¹ Connection scheme is shown for FPV24520ECO, FPV24520SECOSTD, FPV24520ECOSTD

² Connection scheme is shown for FPV24520ECO only

Parameter	Value	Value	Value
Product code	FPV24520ECO	FPV24520SECOSTD	FPV24520ECOSTD
Dimensions (Width × Depth × Height), mm	550 × 300 × 890 ±5*	412 × 216 × 758 ±5*	372 × 216 × 664
Weight:			
Dry system, max, kg	30	21.5	18
System with water, max, kg	100	91.5	88
Connection port sizes			
Inlet		1"	
Outlet		1"	
Filter size (Diameter × Height), inch		4.5 × 20"	
Type of installation		In-line	
Temperature of water, °C		+3...+43	
Flow capacity**, m³/h		1.8	
Recommended pressure, bar		3.5...6	
Maximum pressure, bar		8	

* The size depends on adjustable feet level

**The flow capacity is for polypropylene filters. Flow capacity may be different with other types of filters.

ECOSOFT SEDIMENT FILTERS



DESCRIPTION:

Perfect for apartments with 1 bathroom.
Connection to plumbing is performed with brass bushings.

KEY FEATURES:

- Affordable price for excellent quality
- Filter housing made of pure European first grade plastic
- Protection of sanitary ware and plumbing
- Compact and easy to install

COMPONENTS:

- Filter housing
- 5 micron PP melt blown sediment filter
- Bracket
- Service wrench
- Screws
- User manual

SPECIFICATION:

	FPV12ECO	FPV34ECO	FPV1ECO	FPV12PECO	FPV34PECO	FPV12HWEKO
Filter size	2.5" × 10"					
Connection size	1/2"	3/4"	1"	1/2"	3/4"	1/2"
Maximum flow capacity	10 L/min (2.5 gpm)					
Operating pressure	3.5–4 bar (50–60 psi)					
Maximum pressure	6 bar (87 psi)	6 bar (87 psi)	30 bar (435 psi)	30 bar (435 psi)	30 bar (435 psi)	8.6 bar (125 psi)
Water temperature	+3...+43 °C (37...109 °F)	+3...+43 °C (37...109 °F)	+3...+43 °C (37...109 °F)	+3...+43 °C (37...109 °F)	+3...+43 °C (37...109 °F)	+3...+80 °C (37...176 °F)

ECOSOFT TRANSPARENT SEDIMENT FILTERS

Code	Product	Pieces in box	Boxes on pallet	Pieces on pallet
FPV12ECO	1/2" Ecosoft transparent sediment filter Individual cardboard box, color packing Unit weight (net/gross), kg: 1.0/1.05 (lb: 2.2/2.31) Box dimensions, m: 0.39 x 0.58 x 0.45 (in: 15.4 x 22.8 x 17.7)	12	20	240
FPV34ECO	3/4" Ecosoft transparent sediment filter Individual cardboard box, color packing Unit weight (net/gross), kg: 1.0/1.05 (lb: 2.2/2.31) Box dimensions, m: 0.39 x 0.58 x 0.45 (in: 15.4 x 22.8 x 17.7)	12	20	240
FPV1ECO	1" Ecosoft transparent sediment filter Individual cardboard box, color packing Unit weight (net/gross), kg: 1.0/1.05 (lb: 2.2/2.31) Box dimensions, m: 0.39 x 0.58 x 0.45 (in: 15.4 x 22.8 x 17.7)	12	20	240
FPV12PECO	1/2" Ecosoft High Pressure Sediment Filter Individual cardboard box, color packing Unit weight (net/gross), kg: 1.0/1.05 (lb: 2.2/2.31) Box dimensions, m: 0.39 x 0.58 x 0.45 (in: 15.4 x 22.8 x 17.7)	12	20	240
FPV34PECO	3/4" Ecosoft High Pressure Sediment Filter Individual cardboard box, color packing Unit weight (net/gross), kg: 1.0/1.05 (lb: 2.2/2.31) Box dimensions, m: 0.39 x 0.58 x 0.45 (in: 15.4 x 22.8 x 17.7)	12	20	240
FPV12HWEKO	1/2" Ecosoft sediment filter for hot water Individual cardboard box, color packing Unit weight (net/gross), kg: 1.0/1.05 (lb: 2.2/2.31) Box dimensions, m: 0.39 x 0.58 x 0.45 (in: 15.4 x 22.8 x 17.7)	12	20	240

Minimum order is 1 pallet of any product

REPLACEMENT FILTERS

The Ecosoft replacement filters provide best possible protection against contaminants and foreign particles, such as rust, sand, scale, silt etc.

ECOSOFT GRANULAR ACTIVATED CARBON REPLACEMENT FILTERS

DESCRIPTION:

Reduces content of chlorine, chlorination byproducts, natural organic matter and petrochemicals. Improve color, taste and odour of water.

The replacement filters contain 100% high-quality granular coconut shell activated carbon.

Filter casing is designed in such way that the water flow passes from the bottom up, loosening up of the filter loading continuously and increasing the time of water contact with the carbon. So it provides the maximum activated carbon sorption capacity.

KEY FEATURES:

1. Tasty water thanks to 100% granular coconut shell carbon
2. Contains a post-filter to retain carbon particles
3. Filter housing is made of food grade plastic manufactured in the EU



SPECIFICATION:

Code	Size	Operating water temperature °C (°F)	Recommended flow rate LPM (GPM)	Maximum capacity L (gal)	Maximum capacity month
CHV2510ECO	9 7/8" x 2 1/2" (250±2 mm x 72±1 mm)	+3...+43 (37...109)	1.0 (0.3)	10 000 (2 700)	6
CHV4510ECO	9 7/8" x 4 1/2" (250±2 mm x 114±1 mm)	+3...+43 (37...109)	5.0 (1.3)	30 000 (8 000)	6
CHV4520ECO	20" x 4 1/2" (508±2 mm x 114±1 mm)	+3...+43 (37...109)	5.0 (1.3)	60 000 (16 000)	6

ECOSOFT GRANULAR ACTIVATED CARBON REPLACEMENT FILTERS

Code	Product	Pieces in box	Boxes on pallet	Pieces on pallet
CHV2510ECO	Ecosoft granular activated carbon replacement filter 2.5"x10" Unit weight (net/gross), kg: 0.40/0.40 lb: 0.88/0.88 Box dimensions, m: 0.39 x 0.31 x 0.29 in: 15.4 x 12.2 x 11.4	20	54	1 080
CHV4510ECO	Ecosoft granular activated carbon replacement filter 4.5"x10" Unit weight (net/gross), kg: 1.17/1.3 lb: 2.58/2.87 Box dimensions, m: 0.37 x 0.25 x 0.54 in: 14.6 x 9.8 x 21.3	12	36	432
CHV4520ECO	Ecosoft granular activated carbon replacement filter 4.5"x20" Unit weight (net/gross), kg: 2.16/2.2 lb: 4.76/4.85 Box dimensions, m: 0.37 x 0.25 x 0.54 in: 14.6 x 9.8 x 21.3	6	36	216

Minimum order is 1 pallet of any product

ECOSOFT CARBON BLOCK REPLACEMENT FILTERS

DESCRIPTION:

Reduces content of chlorination byproducts and sediments. Improve color, taste and odour of water.

The filters contain high quality coconut shell activated carbon block.

Manufacturing technology ensures a uniform material structure, allowing water to contact with the maximum surface area of the carbon block. So it provides the maximum sorption capacity.

KEY FEATURES:

1. Tasty water thanks to coconut shell carbon block
2. The filters also reduce particles larger than 10 micron thanks to block structure
3. Uniform structure of the material — maximum available surface area



SPECIFICATION:

Code	Size	Operating water temperature °C (°F)	Recommended flow rate LPM (GPM)	Maximum capacity L (gal)	Maximum capacity month
CHVCB2510ECO	9 7/8" x 2 1/2" (250±2 mm x 67±0.5 mm)	+3...+43 (37...109)	1.0 (0.3)	15 000 (4 000)	6
CHVCB4510ECO	9 7/8" x 4 1/2" (250±2 mm x 114±1 mm)	+3...+43 (37...109)	5.0 (1.3)	25 000 (6 600)	6
CHVCB4520ECO	20" x 4 1/2" (508±2 mm x 114±1 mm)	+3...+43 (37...109)	5.0 (1.3)	50 000 (13 200)	6

ECOSOFT CARBON BLOCK REPLACEMENT FILTERS

Code	Product	Pieces in box	Boxes on pallet	Pieces on pallet
CHVCB2510ECO	Ecosoft coconut shell carbon block filter 2.5"x10" Unit weight (net/gross), kg: 0.35/0.35 lb: 0.77/0.77 Box dimensions, m: 0.39 x 0.31 x 0.29 in: 15.4 x 12.2 x 11.4	20	54	1 080
CHVCB4510ECO	Ecosoft coconut shell carbon block filter 4.5"x10" Unit weight (net/gross), kg: 1.10/1.23 lb: 2.43/2.71 Box dimensions, m: 0.37 x 0.25 x 0.54 in: 14.6 x 9.8 x 21.30	12	36	432
CHVCB4520ECO	Ecosoft coconut shell carbon block filter 4.5"x20" Unit weight (net/gross), kg: 2.3/2.43 lb: 5.07/5.36 Box dimensions, m: 0.37 x 0.25 x 0.54 in: 14.6 x 9.8 x 21.30	6	36	216

Minimum order is 1 pallet of any product

ECOSOFT REPLACEMENT FILTER FOR WATER SOFTENING

DESCRIPTION:

The filter reduces hardness to prevent formation of deposits on the sanitary ware and scale on the surface of heating elements. The filtration media is a food grade ion-exchange resin. Filter casing is designed so that the water flows from the bottom up, loosening up the resin continuously and increasing the time of water contact with the filter media. This allows to reach the highest sorption capacity

KEY FEATURES:

1. No scale while boiling water
2. Contains a sediment post-filter to retain filter media particles
3. Filter casing made of food grade plastic manufactured in the EU



SPECIFICATION:

Code	Size	Operating water temperature °C (°F)	Recommended flow rate LPM (GPM)	Maximum capacity L (gal)	Maximum capacity month
CMV2510ECO	9 7/8" x 2 1/2" (250±2 mm x 72±1 mm)	+3...+43 (37...109)	1.0 (0.3)	500 (130)	6

ECOSOFT REPLACEMENT FILTER FOR WATER SOFTENING

Code	Product	Pieces in box	Boxes on pallet	Pieces on pallet
CMV2510ECO	Ecosoft replacement filter for water softening 2.5"x10" Unit weight (net/gross), kg: 0.40/0.40 (lb: 0.88/0.88) Box dimensions, m: 0.39 x 0.31 x 0.29 (in: 15.4 x 12.2 x 11.4)	20	54	1 080

ECOSOFT REPLACEMENT FILTER WITH ECOMIX® MEDIA

DESCRIPTION:

The filter reduces hardness, chlorine and chlorination byproducts, concentration of toxic metals, phenols, natural organic matter, iron, and manganese. Improves color, taste and odour of water. The replacement filter contains the legendary ECOMIX® media engineered to purify tap water from common contaminants. Filter casing is designed so that the water flows from the bottom up, loosening up the resin continuously and increasing the time of water contact with the filter media. So it provides the maximum sorption capacity.

KEY FEATURES:

1. High-quality purification of tap water, that contains excessive hardness, iron and natural organic matter
2. Contains a sediment post-filter to retain filter media particles
3. Filter casing made of food grade plastic manufactured in the EU



SPECIFICATION:

Code	Size	Operating water temperature °C (°F)	Recommended flow rate LPM (GPM)	Maximum capacity L (gal)	Maximum capacity month
CRV2510ECO	9 7/8" x 2 1/2" (250±2 mm x 72±1 mm)	+3...+43 (37...109)	1.0 (0.3)	1 500 (200)	6

ECOSOFT REPLACEMENT FILTER WITH ECOMIX® MEDIA

Code	Product	Pieces in box	Boxes on pallet	Pieces on pallet
CRV2510ECO	Ecosoft replacement filter with ECOMIX® media 2.5"x10" Unit weight (net/gross), kg: 0.40/0.40 (lb: 0.88/0.88) Box dimensions, m: 0.39 x 0.31 x 0.29 (in: 15.4 x 12.2 x 11.4)	20	54	1 080

Minimum order is 1 pallet of any product

ECOSOFT REPLACEMENT FILTERS FOR IRON REDUCTION

DESCRIPTION:

The filters reduce iron and its compounds in well water, as well as decreased concentration of petrochemicals and pesticides. They also improve color, taste, and odour of water.

The replacement filters contain a blend of catalytic sorption material, high-quality activated carbon, and pH corrector.

Manufacturing technology ensures a uniform material structure, allowing water to contact with the maximum surface area of the carbon block.

So it provides the highest sorption capacity.

KEY FEATURES:

1. Reduction of iron up to 80%
2. Contains a sediment post-filter to retain filter media particles
3. Filter housing is made of food grade plastic manufactured in the EU



SPECIFICATION:

Code	Size	Operating water temperature °C (°F)	Recommended flow rate LPM (GPM)	Maximum capacity L (gal)	Maximum capacity month
CRVF2510ECO	9 7/8" x 2 1/2" (250±2 mm x 72±1 mm)	+3...+43 (37...109)	1.0 (0.3)	2 500 (660)	6
CRVF4520ECO	20" x 4 1/2" (508±2 mm x 114±1 mm)	+3...+43 (37...109)	5.0 (1.3)	10 000 (2 700)	6

ECOSOFT REPLACEMENT FILTERS FOR IRON REDUCTION

Code	Product	Pieces in box	Boxes on pallet	Pieces on pallet
CRVF2510ECO	Ecosoft replacement filter for iron reduction 2.5"×10" Unit weight (net/gross), kg: 0.40/0.40 lb: 0.88/0.88 Box dimensions, m: 0.39 x 0.31 x 0.29 in: 15.4 x 12.2 x 11.4	20	54	1 080
CRVF4520ECO	Ecosoft replacement filter for iron reduction 4.5"×20" Unit weight (net/gross), kg: 2.16/2.2 lb: 4.76/4.85 Box dimensions, m: 0.37 x 0.25 x 0.54 in: 14.6 x 9.8 x 21.3	6	36	216

Minimum order is 1 pallet of any product

ECOSOFT REPLACEMENT FILTER FOR HYDROGEN SULFIDE REDUCTION

DESCRIPTION:

The filter reduces concentration of hydrogen sulfide in well water, as well as the organic matter, including petrochemicals and pesticides. It improves color, taste and odour of water.

The replacement filter contains Centaur® catalytic activated carbon. Manufacturing technology ensures a uniform material structure, allowing water to contact with the maximum surface area of the carbon. So it provides the highest sorption capacity.

KEY FEATURES:

1. Pure water without odours or flavors
2. Contains a sediment post-filter to retain carbon particles
3. Filter housing is made of food grade plastic manufactured in the EU



SPECIFICATION:

Code	Size	Operating water temperature °C (°F)	Recommended flow rate LPM (GPM)	Maximum capacity L (gal)	Maximum capacity month
CRVS4520ECO	20" x 4 1/2" (508±2 mm x 114±1 mm)	+3...+43 (37...109)	5.0 (1.3)	30 000 (8 000)	6

ECOSOFT REPLACEMENT FILTER FOR HYDROGEN SULFIDE REDUCTION

Code	Product	Pieces in box	Boxes on pallet	Pieces on pallet
CRVS4520ECO	Ecsoft replacement filter for hydrogen sulfide reduction 4.5"x20" Unit weight (net/gross), kg: 2.16/2.2 lb: 4.76/4.85 Box dimensions, m: 0.37 x 0.25 x 0.54 in: 14.6 x 9.8 x 21.3	6	36	216

Minimum order is 1 pallet of any product

ECOSOFT PP STRING WOUND SEDIMENT REPLACEMENT FILTERS

DESCRIPTION:

The filters are intended to purify water from sediment particles such as rust, sand, scale, silt, etc.

The replacement filter is produced from a durable polypropylene cord that is wound around a rigid polypropylene core.

The filtration rating depends on winding pattern and thread tension. So the more dense is the pattern, the smaller size of the particles it is able to retain

KEY FEATURES:

1. Protection of plumbing and fixtures
2. Stable winding density characteristics
3. Quality string by the Ukrainian manufacturer



SPECIFICATION:

Code	Size	Operating water temperature °C (°F)	Recommended flow rate LPM (GPM)	Maximum capacity L (gal)	Maximum capacity month
CPN25101ECO	9 7/8" x 2 1/2" (250±2 mm x 60±2 mm)	+3...+60 (37...140)	8.0 (2.0)	10 000 (2 700)	6
CPN25105ECO	9 7/8" x 2 1/2" (250±2 mm x 60±2 mm)	+3...+60 (37...140)	8.0 (2.0)	10 000 (2 700)	6
CPN251010ECO	9 7/8" x 2 1/2" (250±2 mm x 60±2 mm)	+3...+60 (37...140)	8.0 (2.0)	10 000 (2 700)	6
CPN251020ECO	9 7/8" x 2 1/2" (250±2 mm x 60±2 mm)	+3...+60 (37...140)	8.0 (2.0)	10 000 (2 700)	6
CPN45105ECO	10" x 4 1/2" (254±2 mm x 112±2 mm)	+3...+60 (37...140)	15.0 (4.0)	40 000 (10 500)	6
CPN452020ECO	20" x 4 1/2" (514±2 mm x 112±2 mm)	+3...+60 (37...140)	30.0 (5.0)	80 000 (21 000)	6

ECOSOFT PP STRING WOUND SEDIMENT REPLACEMENT FILTERS

Code	Product	Pieces in box	Boxes on pallet	Pieces on pallet
CPN25101ECO	Ecosoft PP string wound sediment filter 2.5"×10" 1 micron Unit weight (net/gross), kg: 0.2/0.2 (lb: 0.44/0.44) Box dimensions, m: 0.37 x 0.26 x 0.51 (in: 14.6 x 10.2 x 20.1)	48	48	2 304
CPN25105ECO	Ecosoft PP string wound sediment filter 2.5"×10" 5 micron Unit weight (net/gross), kg: 0.2/0.2 (lb: 0.44/0.44) Box dimensions, m: 0.37 x 0.26 x 0.51 (in: 14.6 x 10.2 x 20.1)	48	48	2 304
CPN251010ECO	Ecosoft PP string wound sediment filter 2.5"×10" 10 micron Unit weight (net/gross), kg: 0.2/0.2 (lb: 0.44/0.44) Box dimensions, m: 0.37 x 0.26 x 0.51 (in: 14.6 x 10.2 x 20.1)	48	48	2 304
CPN251020ECO	Ecosoft PP string wound sediment filter 2.5"×10" 20 micron Unit weight (net/gross), kg: 0.2/0.2 (lb: 0.44/0.44) Box dimensions, m: 0.37 x 0.26 x 0.51 (in: 14.6 x 10.2 x 20.1)	48	48	2 304
CPN45105ECO	Ecosoft PP string wound sediment filter 4.5"×10" 5 micron Unit weight (net/gross), kg: 0.7/0.71 (lb: 1.53/1.57) Box dimensions, m: 0.24 x 0.36 x 0.52 (in: 9.5 x 14.2 x 20.5)	12	42	504
CPN452020ECO	Ecosoft PP string wound sediment filter 4.5"×20" 20 micron Unit weight (net/gross), kg: 1.39/1.42 (lb: 3.06/3.13) Box dimensions, m: 0.24 x 0.36 x 0.52 (in: 9.5 x 14.2 x 20.5)	6	42	252

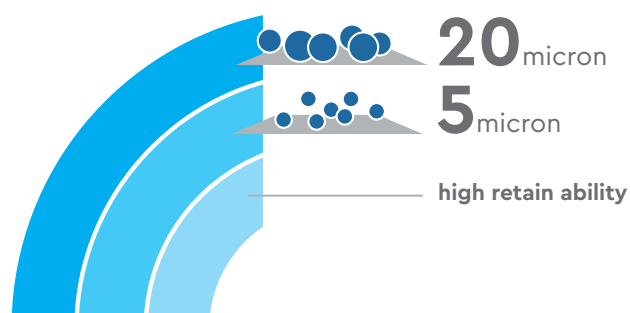
Minimum order is 1 pallet of any product

ECOSOFT DUAL GRADIENT PP SEDIMENT REPLACEMENT FILTERS

DESCRIPTION:

The filter is intended to purify water from sediment particles such as rust, sand, scale, silt etc.

Dual gradient design allows creating two distinct filter zones. Larger particles (more than 20 micron) are trapped and filtered out in the first zone and the smaller particles (5 to 20 micron) are trapped in the second zone. It allows the cartridge to operate at higher velocities and lower pressure drop



KEY FEATURES:

1. 3 times higher capacity comparing to standard PP replacement filters
2. 3 times higher rejection rates
3. Low losses of pressure
4. Stable operation even in case of water turbidity changes
5. Superior quality, saving costs and space

SPECIFICATION:

Code	Size	Operating water temperature °C (°F)	Recommended flow rate LPM (GPM)	Maximum capacity L (gal)	Maximum capacity month
CPV2510205ECO	9 7/8" x 2 1/2" (250±2 mm x 60±2 mm)	+3...+43 (37...109)	8.0 (2.0)	30 000 (8 100)	6
CPV4520205ECO	20" x 4 1/2" (510±2 mm x 114±1 mm)	+3...+43 (37...109)	30.0 (8.0)	240 000 (63 400)	6

ECOSOFT DUAL GRADIENT PP SEDIMENT REPLACEMENT FILTERS

Code	Product	Pieces in box	Boxes on pallet	Pieces on pallet
CPV2510205ECO	Ecosoft dual gradient PP sediment filter 2.5"×10" 20-5 micron Unit weight (net/gross), kg: 0.1/0.1 lb: 0.22/0.22 Box dimensions, m: 0.37 x 0.26 x 0.51 in: 14.6 x 10.2 x 20.1	48	48	2 304
CPV4520205ECO	Ecosoft dual gradient PP sediment filter 4.5"×20" 20-5 micron Unit weight (net/gross), kg: 0.90/0.92 lb: 1.98/2.03 Box dimensions, m: 0.37 x 0.26 x 0.51 in: 14.6 x 10.2 x 20.1	6	42	252

Minimum order is 1 pallet of any product

ECOSOFT PP MELT BLOWN SEDIMENT REPLACEMENT FILTERS

DESCRIPTION:

The filters are intended to purify water from sediment particles such as rust, sand, scale, silt etc.

The replacement filter is a roll of fiber polypropylene manufactured by using melt blowing process.

The required degree of rigidity is achieved without using a core by melting fibers into a rigid structure

KEY FEATURES:

1. Protection of plumbing and sanitary ware
2. Stable characteristics for retention of the particles
3. High melt flow PP manufactured in the EU



SPECIFICATION:

Code	Size	Operating water temperature °C (°F)	Recommended flow rate LPM (GPM)	Maximum capacity L (gal)	Maximum capacity month
CPV25101ECO	9 7/8" x 2 1/2" (250±1 mm x 60±1 mm)	+3...+43 (37...109)	8.0 (2.0)	10 000 (2 700)	6
CPV25105ECO	9 7/8" x 2 1/2" (250±1 mm x 60±1 mm)	+3...+43 (37...109)	8.0 (2.0)	10 000 (2 700)	6
CPV251010ECO	9 7/8" x 2 1/2" (250±1 mm x 60±1 mm)	+3...+43 (37...109)	8.0 (2.0)	10 000 (2 700)	6
CPV251020ECO	9 7/8" x 2 1/2" (250±1 mm x 60±1 mm)	+3...+43 (37...109)	8.0 (2.0)	10 000 (2 700)	6
CPV2510HWECO	9 7/8" x 2 1/2" (250±1 mm x 60±1 mm)	+3...+75 (37...167)	8.0 (2.0)	10 000 (2 700)	6
CPV25205ECO	20" x 2 1/2" (510±2 mm x 60±1 mm)	+3...+43 (37...109)	15.0 (4.0)	20 000 (5 400)	6
CPV25305ECO	30" x 2 1/2" (760±2 mm x 60±1 mm)	+3...+43 (37...109)	20.0 (5.0)	30 000 (8 100)	6
CPV25405ECO	40" x 2 1/2" (1019±2 mm x 60±1 mm)	+3...+43 (37...109)	25.0 (6.0)	40 000 (10 500)	6
CPV45105ECO	10" x 4 1/2" (254±1 mm x 114±1 mm)	+3...+43 (37...109)	15.0 (4.0)	40 000 (10 500)	6
CPV45205ECO	20" x 4 1/2" (510±2 mm x 114±1 mm)	+3...+43 (37...109)	30.0 (8.0)	80 000 (21 000)	6
CPV452020ECO	20" x 4 1/2" (510±2 mm x 114±1 mm)	+3...+43 (37...109)	30.0 (8.0)	80 000 (21 000)	6

ECOSOFT PP MELT BLOWN SEDIMENT REPLACEMENT FILTERS

Code	Product	Pieces in box	Boxes on pallet	Pieces on pallet
CPV25101ECO	Ecosoft PP melt blown sediment filter 2.5"x10" 1 micron Unit weight (net/gross), kg: 0.1/0.1 lb: 0.22/0.22 Box dimensions, m: 0.37 x 0.26 x 0.51 in: 14.6 x 10.2 x 20.1	48	48	2 304
CPV25105ECO	Ecosoft PP melt blown sediment filter 2.5"x10" 5 micron Unit weight (net/gross), kg: 0.1/0.1 lb: 0.22/0.22 Box dimensions, m: 0.37 x 0.26 x 0.51 in: 14.6 x 10.2 x 20.1	48	48	2 304
CPV251010ECO	Ecosoft PP melt blown sediment filter 2.5"x10" 10 micron Unit weight (net/gross), kg: 0.1/0.1 lb: 0.22/0.22 Box dimensions, m: 0.37 x 0.26 x 0.51 in: 14.6 x 10.2 x 20.1	48	48	2 304
CPV251020ECO	Ecosoft PP melt blown sediment filter 2.5"x10" 20 micron Unit weight (net/gross), kg: 0.1/0.1 lb: 0.22/0.22 Box dimensions, m: 0.37 x 0.26 x 0.51 in: 14.6 x 10.2 x 20.1	48	48	2 304
CPV2510HWECO	Ecosoft PP melt blown sediment filter for hot water 2.5"x10" 5 micron Unit weight (net/gross), kg: 0.1/0.1 lb: 0.22/0.22 Box dimensions, m: 0.37 x 0.26 x 0.51 in: 14.6 x 10.2 x 20.1	48	48	2 304
CPV25205ECO	Ecosoft PP melt blown sediment filter 2.5"x20" 5 micron Unit weight (net/gross), kg: 0.21/0.22 lb: 0.46/0.48 Box dimensions, m: 0.32 x 0.33 x 0.52 in: 12.6 x 13.0 x 20.5	25	36	900
CPV25305ECO	Ecosoft PP melt blown sediment filter 2.5"x30" 5 micron Unit weight (net/gross), kg: 0.32/0.34 lb: 0.71/0.75 Box dimensions, m: 0.32 x 0.33 x 0.79 in: 12.6 x 13.0 x 31.1	25	21	525
CPV25405ECO	Ecosoft PP melt blown sediment filter 2.5"x40" 5 micron Unit weight (net/gross), kg: 0.43/0.45 lb: 0.95/0.99 Box dimensions, m: 0.32 x 0.33 x 1.03 in: 12.6 x 13.0 x 40.55	25	18	450
CPV45105ECO	Ecosoft PP melt blown sediment filter BB10 4.5"x10" 5 micron Unit weight (net/gross), kg: 0.45/0.46 lb: 0.99/1.01 Box dimensions, m: 0.24 x 0.36 x 0.52 in: 9.5 x 14.2 x 20.5	12	42	504
CPV45205ECO	Ecosoft PP melt blown sediment filter BB20 4.5"x20" 5 micron Unit weight (net/gross), kg: 0.90/0.92 lb: 1.98/2.03 Box dimensions, m: 0.24 x 0.36 x 0.52 in: 9.5 x 14.2 x 20.5	6	42	252
CPV452020ECO	Ecosoft PP melt blown sediment filter BB20 4.5"x20" 20 micron Unit weight (net/gross), kg: 0.90/0.92 lb: 1.98/2.03 Box dimensions, m: 0.24 x 0.36 x 0.52 in: 9.5 x 14.2 x 20.5	6	42	252

Minimum order is 1 pallet of any product

CERTIFICATES OF ECOSOFT

The company's products and processes are certified according to the highest quality standards — NSF (USA), EN (EU), ACS (FR), EAC (EU) and ISO (9001, 14001, 45001). Modern production facilities, economical production and quality management system make it possible to offer high-quality water purification products at an affordable price.



TÜV SÜD Certificate

The certificate that guarantees the toxicological safety of Ecomix® filter media. And the water treated with Ecomix® could be used for food



Gold Seal Certificate from the Water Quality Association (WQA), USA

Reverse Osmosis Drinking Water Treatment Systems are certified in accordance with the standards NSF/ANSI 58. Confirms that Ecosoft products meet strict standards for POU filters Ecomix® filter media is certified in accordance with the standards NSF/ANSI 44/61/372. That means that Ecomix® is safe for use in drinking water. The water treated with Ecomix® is lead-free and the amount of leaching from the product into drinking water is below health-based acceptable levels



WQA membership certificate

Water Quality Association membership is awarded to companies for proven commitment to delivering exceptional product quality and safety, while fulfilling their social and environmental responsibilities.



Conformity certificate
Confirms that Ecosoft products meet safety requirements of the European Union
Ecosoft Products:
MO Industrial reverse osmosis filters



Conformity certificate
Confirms that Ecosoft products meet safety requirements of the European Union
Ecosoft Products:
KA series RO drinking water vending machines



Conformity certificate
Confirms that Ecosoft products meet safety requirements of the European Union
Ecosoft Products:
FK Advanced water softeners
FU Water softeners
FPA Chlorine reduction filters
FPC Sulfide reduction filters
FP Sediment filters



Conformity certificate
Confirms that Ecosoft products meet safety requirements of the European Union
Ecosoft Products:
MO Residential reverse osmosis filters
MO Commercial reverse osmosis systems



ISO 9001:2015 certificate

The quality management system for production of water treatment systems, drinking water filters and components, replacement filters, filter media, membranes produced by Ecosoft meet ISO 9001:2015 requirements



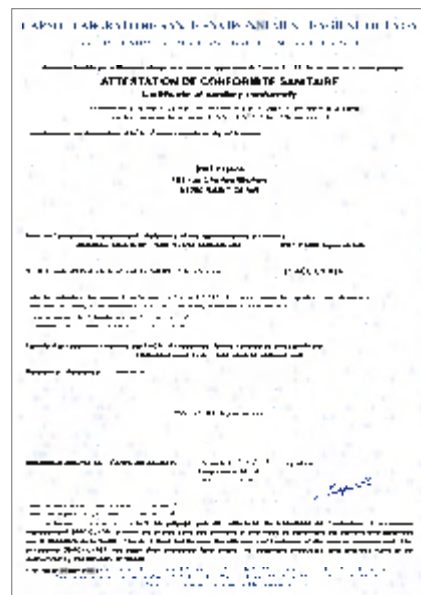
ISO 14001:2015 certificate

Certifies compliance of Ecosoft production facilities with ISO 14001 environmental management guidelines. ISO 14001:2015 places a greater emphasis on environmental performance with the added consideration of product life cycle impact



ISO 45001:2018 certificate

Certifies compliance of Ecosoft production facilities with ISO 45001 occupational health and safety management guidelines. ISO 45001:2018 places a greater emphasis on improving employee safety, reducing workplace risks and creating better, safer working conditions



ACS sanitary certificates

The certificates guarantee that RO residential filters, 3-stage filter, in-line filters and replacement cartridges for them meet the French sanitary requirements



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