

**ECOSOFT ECOMIX 5-in-1 water conditioners.  
 Remove hardness, iron, manganese, TOC and ammonia.**

**Advantages**

1. Removes all forms of iron: ferric, ferrous, colloidal, organic
2. Reliable removal of manganese
3. Iron and manganese concentration limit 15 ppm and 3 ppm
4. Only hardness is considered for calculation
5. Clack WS1 CG metered controlled valve
6. Manufacturer warranty 1 year
7. TUV SUD certificate for food application
8. ISO 9001 certificate of manufacturing

**Made in Germany**



| List of equipment                                      |
|--|
| filter tank, riser pipe, upper and bottom distributors |
| metered or time controlled valve                       |
| brine tank or cabinet                                  |
| Ecomix-A filter media                                  |

| Unit                   | Capacity, m <sup>3</sup> /h<br>(nominal/peak) | Media volume,<br>liter | Connections |
|------------------------|---|------------------------|-------------|
| Ecosoft FK-817-Cab-SL  | 0,8/0,9                                       | 8                      | 1" NPT      |
| Ecosoft FK-835-Cab-SL  | 0,8/1,1                                       | 17                     | 1" NPT      |
| Ecosoft FK-1017-Cab-GL | 1,3/1,5                                       | 12                     | 1" NPT      |
| Ecosoft FK-1035-Cab-GL | 1,3/1,8                                       | 25                     | 1" NPT      |
| Ecosoft FK-1054GL      | 1,3/1,8                                       | 37                     | 1" NPT      |
| Ecosoft FK-1252GL      | 1,7/2,0                                       | 50                     | 1" NPT      |
| Ecosoft FK-1465GL      | 2,5/3,0                                       | 75                     | 1" NPT      |
| Ecosoft FK-1665GL      | 3,0/3,9                                       | 100                    | 1" NPT      |

**ECOWATER ECOMIX 5-in-1 water conditioners. Remove hardness,  
 iron, manganese, TOC and ammonia.**

| Unit              | Capacity, m <sup>3</sup> /h<br>(nominal/peak) | Media volume,<br>liter | Connections |
|-------------------|---|------------------------|-------------|
| Ecowater 4510 E37 | 1,3/1,8                                       | 37                     | 1" NPT      |
| Ecowater 4512 E50 | 1,8/2,0                                       | 50                     | 1" NPT      |

**Ecomix 5-in-1 filter media. Remove hardness, iron, manganese, TOC  
 and ammonia.**

| Media type and package  | 25-150 l | 200-1000 l |
|-------------------------|----------|------------|
| Ecomix A 12 l, 25 l bag | 4,80     | 3,70       |
| Ecomix C 12 l, 25 l bag | 5,40     | 4,20       |

## ECOSOFT residential water softeners

### Advantages

1. Dowex cation exchange resin
2. Clack WS1 CG metered controlled valve
3. 5600 time control valve
4. Manufacturer warranty 1 year
5. ISO 9001 certificate of manufacturing

**Made in Germany**



| List of equipment                                      |
|--|
| filter tank, riser pipe, upper and bottom distributors |
| metered or time controlled valve                       |
| brine tank or cabinet                                  |
| Dowex cation exchange resin                            |

| Unit                   | Capacity, m <sup>3</sup> /h<br>(nominal/peak) | Media<br>volume, liter | Connections |
|------------------------|---|------------------------|-------------|
| Ecosoft FU-817-Cab-SL  | 0,8/1,2                                       | 8                      | 1" NPT      |
| Ecosoft FU-835-Cab-SL  | 1,0/1,5                                       | 17                     | 1" NPT      |
| Ecosoft FU-1035-Cab-GL | 1,5/2,5                                       | 25                     | 1" NPT      |
| Ecosoft FU-1054GL      | 1,5/2,5                                       | 37                     | 1" NPT      |
| Ecosoft FU-1252GL      | 2,9/4,1                                       | 62                     | 1" NPT      |
| Ecosoft FU-1465GL      | 3,5/5,0                                       | 100                    | 1" NPT      |
| Ecosoft FU-1665GL      | 4,6/6,0                                       | 125                    | 1" NPT      |

## ECOSOFT commercial reverse osmosis systems

### Advantages

1. High quality Dow Filmtec membranes
2. Salt rejection up to 99.5 %
3. Low feed pressure
4. Fully automated
5. Praher and John Guest piping and valves
6. Recovery up to 75 %
7. Manufacturer warranty 1 year
8. Manufactured in accordance with ISO 9001



| List of equipment                                 |
|---|
| RO membrane - Filmtec XLE/BW30                    |
| High pressure pump                                |
| Sediment prefilter BB10/BB20 (5 µm)               |
| Ecosoft OC 3000 EA controller                     |
| Antiscalant dosing pump (option)                  |
| Flow meters: permeate, concentrate, recirculation |
| Solenoid valves: inlet and concentrate            |
| Piping, valves, pressure gauges                   |
| EC sensor (optional)                              |
| Steel frame                                       |

| Unit                 | Flow rate, m <sup>3</sup> /h<br>25 °C, TDS 1500 ppm | Membrane | High pressure pump |
|----------------------|---|----------|--------------------|
| Ecosoft MO 2500 LPD  | 0.10  | 1/25x40  | 1.1 kW/220 V       |
| Ecosoft MO 6000 LPD  | 0.25  | 1/40x40  | 1.1 kW/220 V       |
| Ecosoft MO 12000 LPD | 0.50  | 2/40x40  | 3.0 kW/220 V       |

## ECOSOFT water vending machines

### Advantages

1. High quality equipment and materials
2. RO water treatment technology
3. Vending water dispense panel
4. Several types of pure water quality:
  - low TDS water
  - remineralized water
5. Cost of pure water: 0,005 €/liter
6. Quick start-up
7. No need to invest in construction
8. Manufactured in accordance with ISO 9001



| Unit                    | Flow rate, liter/day | Dimensions (HxWxL),mm | Electricity/ Power consumption |
|-------------------------|----------------------|-----------------------|--------------------------------|
| Ecosoft Vending Machine | 6000                 | 1900x700x750          | 220V/1kW                       |
| Ecosoft Kiosk           | 10000                | 2400x1800x2450        | 220V/4kW                       |

## ECOSOFT industrial reverse osmosis systems

### Advantages

1. Wide range of 8" Dow Filmtec membranes
2. Salt rejection up to 99.7 %
3. Fully automated
4. Praher and John Guest piping and valves
5. Recovery up to 75 %
6. Automated forward flush
7. Individual designing
8. Manufacturer warranty 1 year
9. Manufactured in accordance with ISO 9001



| List of equipment                                 |
|---|
| RO Dow Filmtec membrane                           |
| Stainless steel high pressure pump                |
| Sediment prefilter BB20 (5 µm)                    |
| Ecosoft OC 5000 EC controller                     |
| Antiscalant dosing pump (option)                  |
| Flow meters: permeate, concentrate, recirculation |
| Solenoid valves: inlet and concentrate            |
| Piping, valves, pressure gauges                   |
| EC sensor   |
| Stainless steel frame                             |

| Unit          | Flow rate, m <sup>3</sup> /h<br>25 °C, TDS 2500 ppm | Membrane | High pressure pump                 |
|---------------|---|----------|------------------------------------|
| Ecosoft MO 1  | 1   | 1/80x40  | Vertical multi-stage 4.5 kW/380 V  |
| Ecosoft MO 2  | 2   | 2/80x40  | Vertical multi-stage 7.5 kW/380 V  |
| Ecosoft MO 6  | 6   | 6/80x40  | Vertical multi-stage 12.0 kW/380 V |
| Ecosoft MO 9  | 9   | 9/80x40  | Vertical multi-stage 16.0 kW/380 V |
| Ecosoft MO 12 | 12  | 12/80x40 | Vertical multi-stage 18.5 kW/380 V |

## ECOSOFT Modular water treatment plants

### Advantages

1. Water treatment technology:  
Sediment filtration, reverse osmosis, UV sterilization
2. Complete and automated plant
3. Ready-to-use in hard climate zones
4. Thermal insulation, air conditioning and heating
5. High portability
6. Individual designing
7. Manufacturer warranty 1 year
8. Manufactured in accordance with ISO 9001



| Unit               | Flow rate, m <sup>3</sup> /day | Dimensions<br>(HxWxL), mm | Electricity/ Power<br>consumption |
|--------------------|--------------------------------|---------------------------|-----------------------------------|
| Ecosoft Module 50  | 50                             | 20' container             | 380 V/10 kW                       |
| Ecosoft Module 350 | 350                            | 40' HC container          | 380 V/18kW                        |

## ECOSOFT POU reverse osmosis system

### Advantages

1. Five stage filtration
2. 99.8 % removal of all impurities including viruses
3. Filmtec TW 1812-50 membrane
4. Chemviron carbon activated carbon
5. John Guest fittings
6. Faucet included
7. Metal pure water tank
8. High pressure pump (option)
9. Full set of accessories and fittings included
10. Manufactured in accordance with ISO 9001



| Unit              | Flow rate, liter/day<br>standard (optional) | Membrane | High pressure pump |
|-------------------|---|----------|--------------------|
| Ecosoft RO 5-50   | 180 (285, 380)                              | 1/18x12  | -                  |
| Ecosoft RO 5-50 P | 180 (285, 380)                              | 1/18x12  | +                  |

## ECOSOFT POU reverse osmosis system Cartridges

| Unit              | Cartridges   |
|-------------------|--|
| Cartridge set 123 | Polypropylene, Granular activated carbon, Carbon block |
| Cartridge set 45  | RO membrane, Post carbon                               |

## ECOSOFT POU water filter

### Advantages

1. Three stage filtration
2. Ecomix technology inside
3. Capacity 3000 liters
4. Remove:
  - 1 st. calcium which forms deposits and total dissolved solids (partially)
  - 2 st. iron, organic carbon, chlorine, colourness
  - 3 st. chlorinated organics, taste and smell
5. Faucet included
6. Full set of accessories and fittings included
7. Manufactured in accordance with ISO 9001



| Unit      | Flow rate, liter/min | Cartridges |
|-----------|----------------------|------------|
| Ecosoft 3 | 1-2                  | 3/2.5x10   |

## ECOSOFT POU water filter Cartridges

| Unit                    | Cartridges |
|-------------------------|------------|
| Cartridge set Ecosoft 3 | 3/2.5x10   |

## ECOSOFT POE sediment water filter

| Unit                  | Flow rate, m <sup>3</sup> /h | Size/<br>Pressure, bar | Filter set                               |
|-----------------------|------------------------------|------------------------|--|
| Ecosoft Inline 1/2    | 1.5                          | 2.5x10/0-6             | housing, cartridge, wrench, wall bracket |
| Ecosoft Inline 3/4    | 2.0                          | 2.5x10/0-6             |  |
| Ecosoft Inline 1/2 HW | 1.5                          | 2.5x10/0-12            |  |

## ECOSOFT POE sediment water filter Cartridges

| Unit                 | Filter fineness, µm | Type          | Water temperature |
|----------------------|---------------------|---------------|-------------------|
| Ecosoft PP 2.5x10    | 5, 10               | Polypropylene | Cold              |
| Ecosoft SW 2.5x10    | 5, 10               | String would  | Cold              |
| Ecosoft PP HW 2.5x10 | 5                   | Polypropylene | Hot               |