![Ecosoft BWT WATER PROFESSIONALS logo]

SOFTENER ASSY W/O MEDIA 24x72, 1.5" CE valve

SET OF EQUIPMENT

- **CE 1,5" control valve**[1]
- **Pressure tank 24x72, 4"**[2]
- **Brine tank**[3]

[1]CE 1,5" valve assembly (V15CEDT):

- o CE 1,5" control valve
- o 1,5" meter assembly
- o Top stack distributor, insert 50 mm
- o Drain fitting 1"
- o Power supply
- o Injector, DLFC - for Ecomix and cation exchange resin
- o Funnel
- o Valve instruction manual, Instruction manual

[2]Pressure tank assembly:

- o Pressure tank 24x72, 4"
- o Adaptor 4" - 2"
- o Riser DN 50 mm
- o Bottom stack distributor,4", 50 mm solvent

[3]Brine tank assembly

- o Brine tank 24x50, 378 L
- o Brine well assembly (brine valve, overflow set)
- o Brine grid

KEY FEATURES

- Ready sets for different filtration medias
- Basic set ready to work with Ecomix and cation exchange resin*
- Overflow protection of the brine tank
- The set is designed for convenient and quick installation

CE CONTROL VALVE KEY FEATURES

- Regeneration control by water volume: delayed regen, immediate, both
- Possibility to change the cycle of regeneration stages and their range of time
- Multilanguage menu: English, German, French, Ukrainian
- Different setting modes are available:
  - o twin or duplex configurations
  - o up to 6 systems to the system controller
  - o 2 external devices simultaneously can be connected

PHYSICAL PARAMETERS

Inlet, outlet	G 1,5″
Drine	G 1,25″
Brine line	G 3/8″
Operating pressure	2 - 6 bar
Operating temperature	+4...+30 °C
Electrical requirements	230 V, 50 Hz
Electrical power	30 W
Volume of pressure tank	450 L
The volume of the rounded side	46 L
Volume of brine tank	378 L
Dry system weight	65 kg

Softener assy w/o media, 1.5" CE valve

Code	Product	Water flow rate** Service, m³/h (pressure drop 1 bar)	Water flow rate** Backwash, m³/h (pressure drop 1,7 bar)
RF2472CE15	Softener assy w/o media 24x72, 1.5" CE valve	15,9	11,8

*For operation with another filter media just need to change the DLFC and injector

**Only for Clack WS1.5 CE control valves includes meter

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ACCESSORIES**

Code	Description
V3017	WS2 Service or Fill Switch Assembly
V3097BSPT	WS1.5" No Hard Water Bypass Male x Female BSPT
V3071BSPT	MAV 1.5 BSPT Revision 2
V3040BSPT-15	WS1.5 Meter Assembly Male x Female NPT 15' Meter Cable

** Not included in the basic set.
Can installed as additional equipment

RECOMMENDED MEDIA VOLUME

Code	Description	Volume
ECOMIXA25	Ecomix Type A filter media, 25 L bag	275 L***
ECOMIXC25	Ecomix Type C filter media, 25 L bag	275 L***
ECOMIXP25	Ecomix Type P filter media, 25 L bag	275 L***
HCRSS	**Strong acid cation exchange resin HCRS-S**	**300...325 L**
PC002	**Strong acid cation exchange resin PC002**	**300...325 L**

The volume of filter material depends on the its characteristics.
TDS on filter materials can be found on the official website www.ecosoft.com.
*** The amount of Ecomix can be increased by no more than 25 liters

CONFIGURATIONS

TWIN

DUPLEX

2 - 6 SYSTEMS

TWIN ASSEMBLY PARTS

1. RF2472CE15 - 2 pcs.
2. VLV15BSPT - 1 pcs.
3. Filter media[1]

Twin set may operate 2 units with alternative mode (the first unit in operation, the second - in regeneration or stand by) and can produce water during the day at constant flow rate.

KEY FEATURES

• Ensures stable water quality with constant flow
• User friendly installation
• Doesn`t create hydraulic shocks

DUPLEX ASSEMBLY PARTS

1. RF2472CE15 - 2 pcs.
2. DUPLECO15 - 1 pcs.
3. Filter media[1]

Duplex set may operate 2 units parallel and can provide double flow rate during peak consumption.

KEY FEATURES

• Double flow rate for peak consumption
• User friendly installation
• Doesn`t create hydraulic shocks

SET FOR 2...6 UNITS WITH CLACK SYSTEM CONTROLLER

1. RF2472CE125 - 2...6 pcs.
2. Filter media[1]
3. WSSYSTCON2* - 1 pcs.

The Clack system controller may operate 2 - 6 units and has 4 operating modes that ensure efficient operation of the set for various needs.
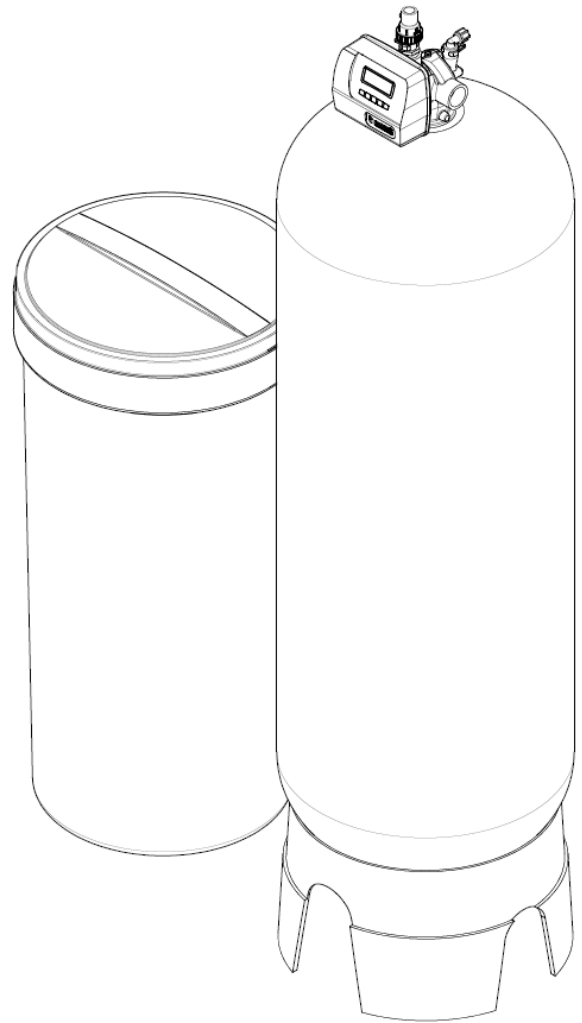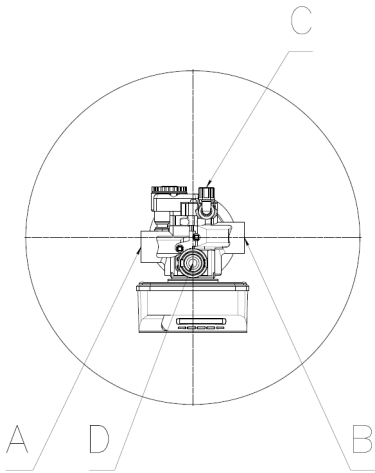
KEY FEATURES

• System Controller may operate 2 - 6 units or be used as a water monitor only
• Clack 1.0", 1.25", 1.5" or 2" control valves may be used
• 4 available operating modes: Progressive flow, Alternator, Series, Random

WSSYSTCON2* - includes a kit for connecting 2 systems. The last number indicates the number of possible connected systems

[1] See "Recommended media volume"

CONNECTIONS

Marking	Nomenclature	Connection	Height
A	Inlet	PH G 1,5"	2175±30
B	Outlet	PH G 1,5"	2175±30
C	Brine line	PH G 3/8"	2250±30
D	Drain	PH G 1"	2370±30

DIMENSIONS OF SYSTEM