

## Water Treatment Kit water softener and reverse osmosis for rack type

ITEM # \_\_\_\_\_

MODEL # \_\_\_\_\_

NAME # \_\_\_\_\_

SIS # \_\_\_\_\_

AIA # \_\_\_\_\_


**865494 (KITSWOSRT2)**

 Kit water softener and  
 reverse osmosis for Rack  
 Type Dishwasher

### Short Form Specification

**Item No.** \_\_\_\_\_

The external reverse osmosis is suited for installations in which high quality rinsing and spot-free drying and low operational costs are required. It has been specifically designed to be used with Electrolux Rack type dishwashers having atmospheric boiler. Thanks to the Reverse Osmosis technology, all the impurities (salts, particles and some kinds of bacteria) contained in the water are completely removed, eliminating any deposit on the glassware and tableware, thus guaranteeing shiny and brilliant results.

### Main Features

- The water softener kit can be used with both hot water (up to 65°C) and cold water (up to 35°C) supply thanks to separate resin cylinders for different inlet water temperature. Hot water to fill the tank while cold water for rinsing during normal operation.
- After the water softener, only the cold water inlet will pass reverse osmosis kit. The reverse osmosis combines multi-step filter: an active carbon filter eliminates particles, chlorine and possible odors from the water; the final filtering level uses the "reverse osmosis" principle pushing high pressure water through a semi-permeable membrane to remove more than 95% of salts and impurities.
- Flow rate of 120l/h at 15°C.
- Equipped with manual by-pass that allows, in case of malfunctions, to exclude the osmosis filter system for continuous function of the machine.
- Two cylinders for cold water alternate water softening and resin regeneration supply continuous water flow for non-stop dishwasher operation. While cylinder for hot water will be programmed the regeneration intervals depending on required capacity and inlet water hardness.
- Three big brine containers regenerate each resin cylinder automatically.
- Each brine container has floating sensor to monitor the salt level and provide the warning signal in case of missing salt.
- Reverse osmosis kit with three membranes ensures continuous water supply at high flow rate for normal operation of dishwasher.
- Each cylinder of water softener kit has its own display to set automatic regeneration or self diagnosis.
- Impurities and bacteria retained by the membrane are eliminated by self-cleaning system. Automatic membrane flushing occurs based on periodical setting, but it's possible to start the flushing manually
- Electronic control with clear display shows not only Reverse osmosis filter data i.e. the residual conductivity value, the residual filter autonomy and operation hours but also alarm signals as lacks of pressure from network, filter exhaustion and water leakage.

**APPROVAL:** \_\_\_\_\_

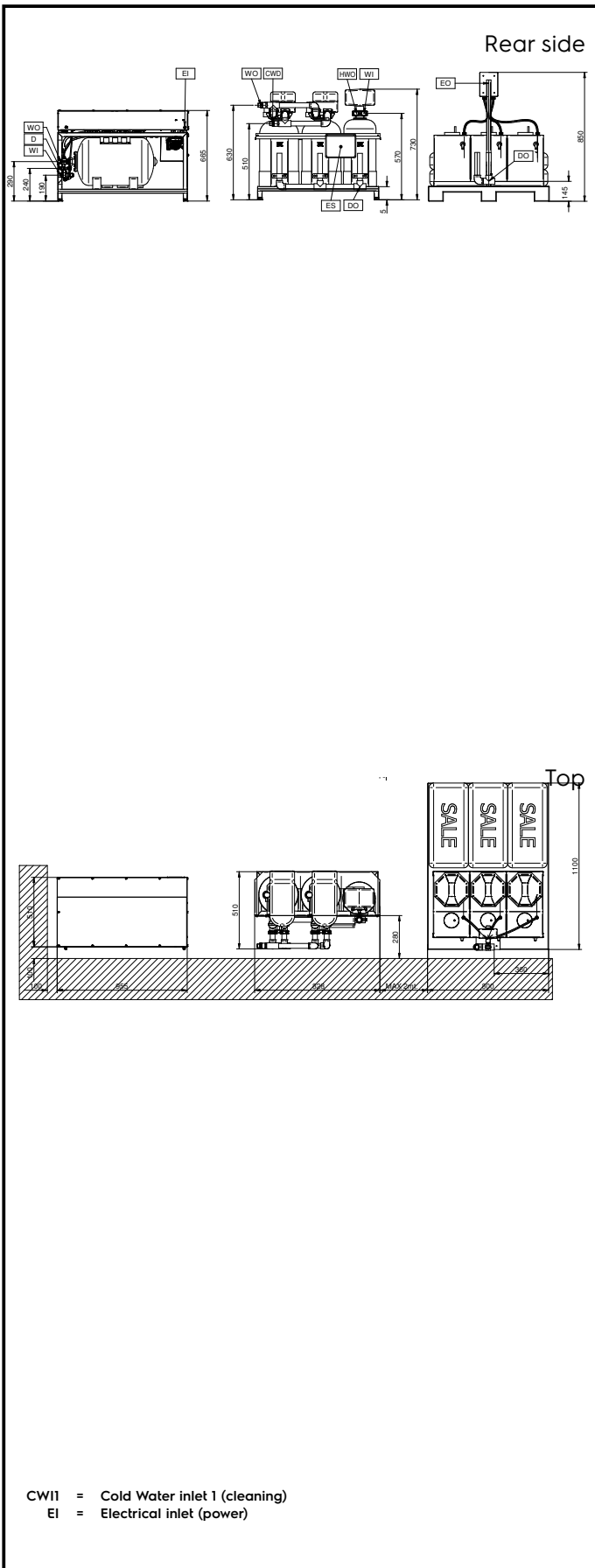
### Construction

- Resin cylinders, salt containers and reverse osmosis are built in a skid for easy handling and storage.
- Incorporates two resin cylinders for cold water with 13 liters each and 12 liters resin cylinder for hot water.

### Sustainability



- The water softener using ion exchange principle to treat calcium carbonate in the water. Then reverse osmosis filter further removes approximately 99% of minerals in the water before it feed into the dishwasher thus guaranteeing shining results on the wares.
- Both water softener and reverse osmosis kits can be installed under the handling tables of the dishwasher.
- Three 40 liters brine containers.



### Electric

<b>Supply voltage:</b>	
865494 (KITSWOSRT2)	230 V/1 ph/50 Hz
<b>Total Watts:</b>	0.8 kW

### Water:

<b>Inlet water supply pressure:</b>	2-6 bar
<b>Inlet water supply hardness (MAX):</b>	50°fH / 28°dH
<b>Inlet water supply conductivity (MAX):</b>	10 µS/cm
<b>Incoming water line size:</b>	G 3/4"
<b>Osmotised water recovery:</b>	35 / 65 %
<b>Water flow rate at 15°C:</b>	5 l/min
<b>Upstream water softener recommended if water supply hardness °fH, °dH</b>	> 50 / 28 °fH/°dH
<b>Upstream water softener recommended if water chlorinated concentration</b>	> 0.5 mg/l

### Key Information:

<b>External dimensions, Width:</b>	1755 mm
<b>External dimensions, Depth:</b>	510 mm
<b>External dimensions, Height:</b>	665 mm
<b>Net weight:</b>	120 kg
<b>Packaging size (WxDxH):</b>	1160x770x1000 mm