

# ecosoft

## CORE 110-250 WATER SOFTENERS

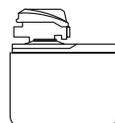
Core 110-250 is the most compact line of water softeners for tap water, designed for apartments with up to 5 residents. The softeners are designed to fit well in bathrooms, under sinks, or utility rooms and provide effective limescale reduction, protecting household appliances and plumbing fixtures. The Ecosoft DV valve does not require a pre-filter or regular maintenance, making it a smart, space-saving solution for busy households.



### KEY FEATURES

- High flow rate water softeners up to 1,8 m<sup>3</sup>/h
- Most compact 11-24 L water softener
- Ideal for families with up to 5 members
- Designed for apartments
- Durable body, no scratches, diamond valve, no need pre-filter

### COMPONENTS



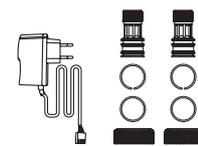
Softener



Built-in mixing valve



Drain & Overflow hoses  
Metal Clamps  
Drain Fitting



Power adaptor  
Valve connection kit 3/4"  
Male BSPT

Control valve

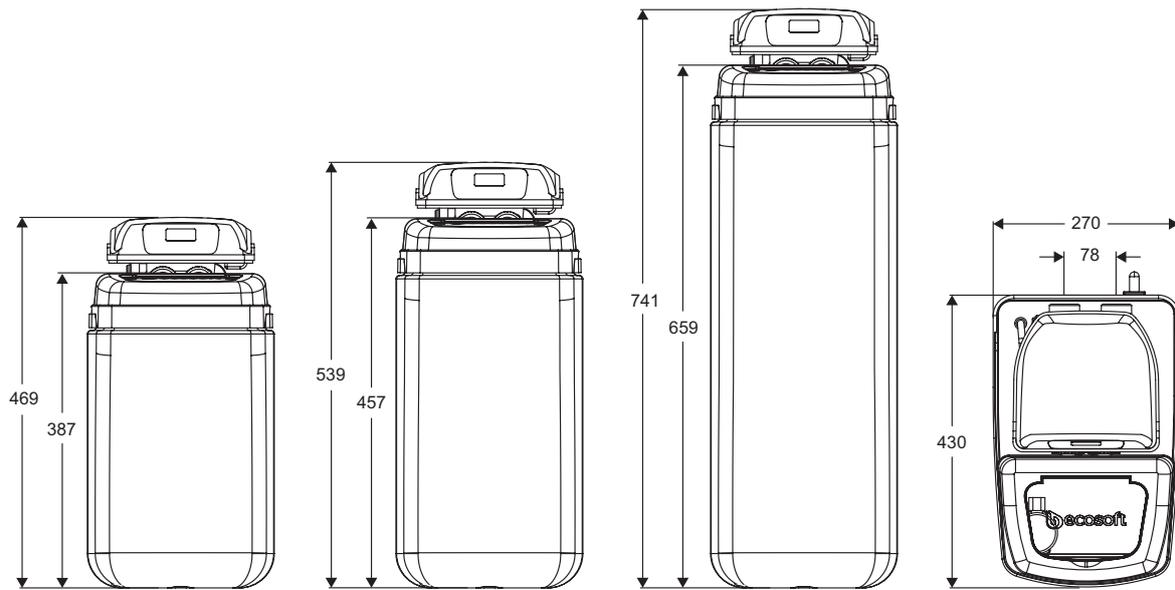
### Ecosoft DV

Compact Ecosoft DV disc valve is the most reliable on the market thanks to its diamondcoated ceramic-ceramic discs, which can be installed without an pre-filter

LITTLE  
EFFICIENT  
SPACE-SAVING  
SOFTENER

#### ECOSOFT CORE COMPACT WATER SOFTENERS

Code	Description	Quantity of resin, L	Operating/maximum flow rate, m <sup>3</sup> /h	Dimensions, H x W x D, mm	Pallette quantity, pcs
FU1013CABDVCR	Ecosoft Core 110 water softener	11	1.0 / 1.2	470 x 270 x 430	24
FU1016CABDVCR	Ecosoft Core 150 water softener	15	1.2 / 1.5	540 x 270 x 430	16
FU1024CABDVCR	Ecosoft Core 250 water softener	24	1.5 / 1.8	742 x 270 x 430	16



## TECHNICAL SPECIFICATION

Parameter	FU1013CABDVCR	FU1016CABDVCR	FU1024CABDVCR
Operating flow rate, m <sup>3</sup> /h	1.0 / 1.2	1.3 / 1.5	1.6 / 1.8
Quantity of media, L	11	15	24
Volume capacity, m <sup>3</sup> 250 mg/L CaCO <sub>3</sub> influent harness	2	3	4.6
Usage of salt per regeneration, kg	1.2	1.8	2.9
Usage of water per regeneration (discharge per regeneration), m <sup>3</sup>	0.5	0.6	0.7
Duration of regeneration, minutes	50	70	70
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		3/4"	
Dry weight, kg	14	19	29
Overall dimensions, (Width × Depth × Height), mm	270 × 430 × 469	270 × 430 × 539	270 × 430 × 741
Pressure tank, inch	1013	1016	1024

## INFLUENT WATER LIMITATIONS

Parameter			
Hardness	350 mg/L CaCO <sub>3</sub>	500 mg/L CaCO <sub>3</sub>	500 mg/L CaCO <sub>3</sub>
Iron		0.2 mg/L	
Manganese		0.05 mg/L	
Chemical Oxygen Demand		5 mg/L O <sub>2</sub>	
Temperature of water		+4...+30 °C	