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ECOSOFT CUBE WATER SOFTENER

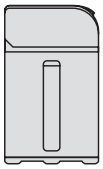
CUBE is a range of compact water softeners for tap water. They are designed for various applications: CUBE 100 and 150 are popular for apartments, while CUBE 250 is popular for houses. They are equipped with a smart valve with advanced features that make life comfortable for the end user.



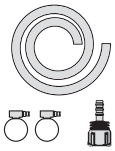
KEY FEATURES

- Compact design practical for apartments or houses with limited space
- Advanced smart functions – intelligent leakage protection, salt shortage alarm, economic salt mode, water usage history, vacation mode and more (see page 3)
- New F150B valve – quiet operation and flexible regeneration modes
- Built-in mixing valve for adjustable water softness

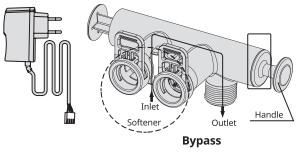
COMPONENTS



Softener



Drain & Overflow hoses
Metal Clamps
Drain Fitting



Power adaptor 12 V
Bypass connection, 3/4"
Male BSPT thread

Control valve

F150B

Smart valve engineered for consistent performance with regular tap water.
Multilingual menu (EN, DE, ES, NL, IT, PL, FR).

Code	Description	Quantity of resin, L	Nominal/maximum flow rate, m³/h	Dimensions, H × W × D, mm	Quantity per pallet, pcs.
FU1015CABF150B	Ecosoft CUBE 100 water softener	10	0.8 / 1.6	543 × 450 x 320	16
FU1022CABF150B	Ecosoft CUBE 150 water softener	15	1.0 / 2.0	721 × 450 × 320	16
FU1035CABF150B	Ecosoft CUBE 250 water softener	25	1.0 / 2.5	1053 × 450 × 320	8

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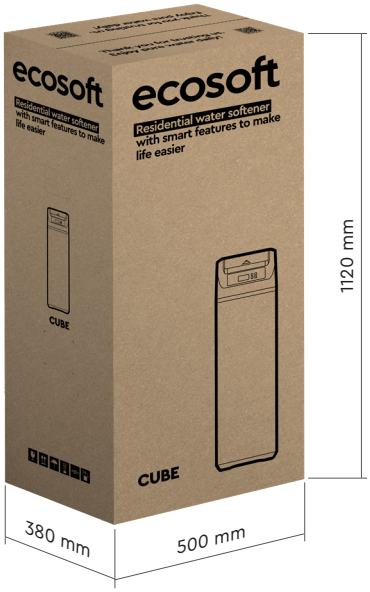
SPECIFICATIONS

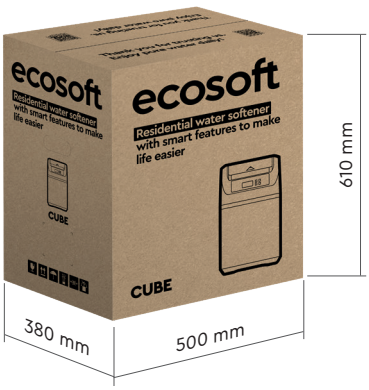
Parameter	FU1015CABF150B	FU1022CABF150B	FU1035CABF150B
Nominal/max flow rate, m^3/h	0.8 / 1.6	1.0 / 2.0	1.0 / 2.5
Quantity of resin, L	10	15	25
Capacity, m^3 (250 ppm $CaCO_3$ of inlet hardness)	2.0	3.0	5.0
Salt consumption per regeneration, kg	1.0	1.5	2.5
Water consumption per regeneration, m^3	0.1	0.15	0.25
Duration of regeneration, min.		80–110	
Pressure drops in operation mode, bar		0.5	
Inlet pressure, bar		2–6	
Electrical requirements		230 V, 50 Hz	
Power, W		30	
Inlet/outlet connections		3/4"	
Dry system weight, kg	21.43 kgs ± 1 kg	27.55 kgs ± 1 kg	40.64 kgs ± 1 kg
Overall dimensions, (Height × Depth × Width), mm	543 × 450 × 320	721 × 450 × 320	1053 × 450 × 320

FEED WATER REQUIREMENTS

Parameter	FU1015CABF150B	FU1022CABF150B	FU1035CABF150B
Hardness	350 ppm $CaCO_3$	500 ppm $CaCO_3$	650 ppm $CaCO_3$
Iron		0.2 mg/l	
Manganese		0.05 mg/l	
TOC		5 mg/l O_2	
Sediment filtration rating		100 µm	







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SMART FUNCTIONS

Control valve **F150B** NEW

The new F150B valve turns CUBE into a **smart softener that is easy to sell, easy to install and easy to support**: it protects the home, saves salt and water, and keeps the customer connected to your service.



WHY IT MATTERS FOR PARTNERS

1 Easy to sell

Leakage protection and salt alarm are benefits every homeowner understands at once.

2 Lower running costs

Economic salt mode and usage-based regeneration cut salt and water consumption.

3 Fewer service calls

Factory reset, button lock and clear on-screen prompts prevent setting errors.

4 Recurring service

The built-in check-up reminder brings customers back to their installer.

SMART FUNCTIONS IN DETAIL

Intelligent leakage protection

Monitors peak flow and continuous water use and closes the valve when the set limits are exceeded.

→ Protects the home from water damage – a strong sales argument.

Salt shortage alarm

NEW SOUND

On-screen prompt plus a switchable sound alarm when the brine tank needs salt.

→ Customers never run out of salt – always soft water, fewer complaints.

Economic salt mode NEW

Choose the salt dosage: Standard – 145 g/L or Economic – 100 g/L of resin.

→ Up to 30% less salt per regeneration*.

Comparison mode

Tracks average consumption over 7 days and triggers regeneration based on real water usage.

→ Regenerates only when needed – saves salt and water.

Water usage history

Built-in log: daily for the past 7 days and monthly for the past 12 months.

→ Full transparency for the customer, fast diagnostics for the installer.

Maintenance reminder

After a set number of regenerations the display prompts a resin check-up.

→ Brings the customer back to you – recurring service business.

Vacation mode

Keeps the system and resin protected while the owners are away; after return, just run the final rinse.

→ Peace of mind for holiday homes and frequent travellers.

Factory reset

Restores the factory settings in one step from the menu.

→ Simplifies technical support and fixes installer or user setting errors.

Button lock & power memory

Buttons lock automatically after 1 minute; all settings are kept during power outages.

→ No accidental changes – the system keeps working as set.

* Economic mode (100 g/L) compared with Standard mode (145 g/L). Our settings are designed to ensure economical salt consumption. Specifications may change without prior notice.

→ Partner benefit