

FLOOR-STANDING WATER SOFTENER • CE 1" VALVE

Regal 500

A high-capacity, floor-standing water softener built around a 10×54 pressure tank and a CE 1" control valve — supplied media-ready for Ecomix and cation exchange resin, with a separate 125 L brine tank for domestic and light-commercial demand.

HIGH-CAPACITY

MEDIA-READY

CONFIGURABLE

Regal 500



WHY SPECIFY IT

High-capacity, media-ready.

A floor-standing two-tank system with a CE 1" control valve, supplied as a ready set for different filtration medias — designed for convenient, quick installation and higher softening demand.



10×54 pressure tank

A 63 L pressure tank paired with a separate 125 L brine tank delivers up to 6.12 m³/h of service flow.



CE 1" control valve

Volume-based regeneration — delayed, immediate or both — with a multilanguage menu and twin, duplex or up-to-6-system configurations.



Media-ready with overflow protection

A basic set ready to work with Ecomix and cation exchange resin, with overflow protection built into the brine tank.

6.12m³/h
SERVICE FLOW

63L
PRESSURE TANK

125L
BRINE TANK

10×54"
TANK SIZE

CE

1" control valve

Configurable control

The CE 1" control valve regenerates by water volume — delayed, immediate or both — with adjustable regeneration cycles and a multilanguage menu. It supports twin or duplex configurations, up to 6 systems on one controller, and two external devices connected simultaneously.

SPECIFICATIONS

Technical detail.

Model	Regal 500	Brine tank	15×17×36 · 125 L
Code	RF1054CE	Inlet pressure	2–6 bar
Datasheet ref	SWC-REG500-25-R0	Water temperature	+4...+30 °C
Control valve	CE 1"	Electrical	230 V · 50/60 Hz · 30 W
Configuration	Softener assy w/o media	Inlet / outlet	G 1"
Service flow (1 bar drop)	6.12 m³/h	Brine / drain line	G 3/8" · G 3/4"
Backwash flow (1.7 bar drop)	6.12 m³/h	Dry system weight	15 kg
Pressure tank	10×54 · 63 L	Connection height	1435–1540 mm

CE 1"
Control valve



Volume-based regeneration with adjustable cycles and multilanguage menu.

Media-ready
Ecomix



Basic set ready for Ecomix and cation exchange resin.

Configurable
Twin / duplex



Twin, duplex or up to 6 systems on one controller.

HOW IT WORKS

The softening cycle.

01
Hard water in

02
Resin ion-exchange

03
CE valve metering

04
Volume-based regen

05
Soft water out

SCOPE OF SUPPLY

What we provide.

- ✓ CE 1" valve assembly · top-stack distributor (11 seg), connection kit, injector/DLFC, funnel, power supply
- ✓ Pressure tank 10×54 (2.5") with riser & bottom-stack distributor
- ✓ Brine tank 15×17×36 (125 L) with brine well, valve & overflow set
- ✓ Filtration media (Ecomix / cation exchange resin) — specify on order
- ✓ Optional Comprehensive Maintenance plan

Influent water limitations

Hardness	750 mg/L CaCO ₃
Iron	0.2 mg/L
Manganese	0.05 mg/L
COD	5 mg/L O ₂
Sediment prefilter	100 µm
Water temperature	+4...+30 °C

DOMESTIC · LIGHT COMMERCIAL

ORDER OR ENQUIRE

Bring the Regal 500 home.

British-engineered, European-manufactured. UK · Middle East · Europe.

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