



COMPACT CABINET WATER SOFTENER • UNDERSINK

Regal 100

An ultra-compact cabinet water softener built around the reliable US-made Clack® DV valve — high flow and softening capacity from a unique 10×13 mineral tank that fits neatly under the kitchen sink.

LITTLE

EFFICIENT

SPACE-SAVING

Regal 100



WHY SPECIFY IT

Little, efficient, space-saving.

Ultra-compact dimensions and the reliable Clack® DV valve make this softener both space-saving and dependable — high flow and softening capacity from a tank that tucks neatly under the kitchen sink.



Ultra-compact, under-sink

A unique 10×13 mineral tank and cabinet enclosure fit easily under the kitchen sink without sacrificing capacity.



Reliable US-made Clack® DV valve

A renewed Clack® DV with mixing valve, ceramic-ceramic disks and a diamond-carbon coating for long, dependable service.



Smart, water-saving regeneration

Up-flow proportional regeneration with effective salt use of 80 g per litre of resin or less, and up to 100 litres of water per regeneration.

10_L

RESIN MEDIA

1.8_{m³}

VOLUME CAPACITY

1.2_{m³/h}

OPERATING FLOW

≤80_{g/L}

SALT PER REGEN

DV

Clack® control valve

Reliable US-made control

The renewed Clack® DV control valve with mixing valve uses ceramic-ceramic disks and a diamond-carbon coating for long, dependable service. Up-flow proportional regeneration keeps salt and water consumption smart — up to 100 litres of water per regeneration.

SPECIFICATIONS

Technical detail.

Model	Regal 100	Water per regeneration	0.08 m ³
Code	FU1013CABDVUP	Regeneration duration	80-110 min
Datasheet ref	SWC-REG100-25-R0	Pressure drop (service)	0.5 bar
Control valve	Clack® DV	Inlet pressure	2-6 bar
Media (resin)	10 L	Electrical	230 V · 50/60 Hz · 30 W
Operating flow rate	1.0 / 1.2 m ³ /h	Pipe connections	3/4"
Volume capacity	1.8 m ³	Dry weight	18.8 kg
Salt per regeneration	1.2 kg	Dimensions (WxDxH)	270 × 430 × 469 mm

Clack® DV Control valve  Ceramic-ceramic disks and diamond-carbon coating with mixing valve.	Up-flow Regeneration  Up-flow proportional regeneration for smart salt consumption.	Water-saving ≤100 L  Uses up to 100 litres of water per regeneration cycle.
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HOW IT WORKS

The softening cycle.

01 Hard water in	02 Resin ion-exchange	03 Clack® DV mixing	04 Up-flow regeneration	05 Soft water out
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SCOPE OF SUPPLY

What we provide.

- ✓ Pre-adjusted US-made Clack® DV with mixing valve
- ✓ Cabinet enclosure with 10 L resin tank
- ✓ Pressure tank
- ✓ Brine well with safety float valve
- ✓ 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 · HOME RANGE

ORDER OR ENQUIRE

Bring the Regal 100 home.

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

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