



TWIN ALTERNATING SOFTENER • CE 2" VALVE

Regal Twin 3672

Two 36" × 72" softening vessels working in alternation on a single 2" twin connector, each with its own 570 L brine tank. One softens while the other regenerates or holds in standby, so 18.2 m³/h of soft water is available without interruption, twenty-four hours a day.

2 × 36" × 72"

CE 2" VALVE

2 × 570 L BRINE

ALTERNATING DUTY

RF3672CE2-TW



WHY SPECIFY IT

Soft water that never goes offline.

A single softener must stop treating water to regenerate, and hard water bypasses to service in the meantime. Twin alternating duty removes that window: the standby vessel takes the load the moment its partner starts a cycle.



Constant flow, stable quality

One vessel in service, one regenerating or on standby. Softened water stays available at full rated flow through the regeneration cycle, and changeover creates no hydraulic shock on the main.



Metered CE 2" control

Regeneration by measured volume rather than a clock, with delayed, immediate or combined modes, adjustable cycle stages and two external devices connectable at once.



Overflow-protected brine

Each vessel carries its own 570 L brine tank with brine well, brine valve, overflow set and brine grid, so a salt bridge or overflow cannot flood the plant room.

18.2m³/h

SERVICE FLOW

26.1m³/h

BACKWASH FLOW

2 × 1011 L

VESSEL VOLUME

2 × 570 L

BRINE TANK

2

vessels, one duty

Alternating, not parallel

The twin set alternates: full rated flow is always drawn through one vessel, with the second held in reserve. Where the requirement is double flow at peak rather than uninterrupted supply, the same two vessels can be built as a duplex set on a DUPLECO2 connector, running in parallel. Both configurations are quoted from this datasheet.



SPECIFICATIONS

Technical detail.

Model	Regal Twin 3672	Service flow	18.2 m ³ /h @ 1 bar Δp
Code	RF3672CE2-TW	Backwash flow	26.1 m ³ /h @ 1.7 bar Δp
Datasheet ref	SWC-RF3672TW-26-R0	Inlet / outlet	G 2"
Configuration	Twin alternating	Drain · brine line	G 1.5" · G 3/8"
Vessels	2 × RF3672CE2	Regeneration	Delayed / immediate / both
Twin connector	VLV2BSPT	Operating pressure	2 – 6 bar
Control valve	WS2CE 2.0" (V2CEDTE)	Operating temperature	+4...+30 °C
Pressure tank	36" × 72" · 6" opening	Electrical	230 V · 50/60 Hz
Volume per vessel	1011 L	Electrical power	2 × 30 W
Rounded side volume	135 L	Connection height	2395 ±30 mm · drain 2540 ±30
Brine tank	2 × 30×50 · 570 L	Dry system weight	280 kg (2 × 140 kg)

RECOMMENDED MEDIA VOLUME

FILTER MATERIAL	CODE	DUTY	VOLUME PER VESSEL
Ecomix Type A filter media	ECOMIXA25	Multi-duty · hardness, iron, organics	600 L
Ecomix Type C filter media	ECOMIXC25	Multi-duty · high hardness	600 L
Ecomix Type P filter media	ECOMIXP25	Multi-duty · elevated iron	600 L
Strong acid cation exchange resin HCRS-S	HCRSS	Softening only	700 – 725 L
Strong acid cation exchange resin PC002	PC002	Softening only	700 – 725 L

Basic set configured for Ecomix and cation exchange resin; for another media the DLFC and injector are changed. Ecomix volume may be increased by no more than 25 L per vessel. Twin set total is twice the per-vessel figure. Media is quoted separately and is not part of the basic set.

HOW IT WORKS

Alternating duty cycle.



SCOPE OF SUPPLY

What we provide.

- ✓ 2 × WS2CE valve assembly with 2.0" meter, injector, DLFC and top stack
- ✓ 2 × 36" × 72" tank with 6"-4" flange, 4"-2" adaptor, DN 50 riser and bottom stack
- ✓ 2 × 570 L brine tank with brine well, brine valve, overflow set and grid
- ✓ VLV2BSPT twin connector assembly
- ✓ 2" connection kits, power supplies and manuals
- ✓ Ecomix or cation exchange resin, quoted to the raw water analysis
- ✓ Optional Comprehensive Maintenance plan with consumables

Additional equipment

Not included in the basic set: V3017 WS2 service or fill switch, V3076BSPT motorised alternating valve 2 BSPT, V3094BSPT WS2 meter assembly male × female BSPT. Where more than two vessels are needed, 2 to 6 units can run from a WSSYSTCON2 Clack system controller in progressive flow, alternator, series or random mode.

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Specify the Regal Twin 3672 for your site.

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