



TWIN AUTO-BACKWASH FILTER • CE 1.5" VALVE

Regent Twin 3072

Two 30" × 72" auto-backwash vessels working in alternation, linked by a single 1.5" twin connector. One filters while the other regenerates or holds in standby, so treated water is available at 11.8 m³/h without interruption, twenty-four hours a day.

2 × 30" × 72"

CE 1.5" VALVE

ALTERNATING DUTY

MEDIA FLEXIBLE

BF3072CE15-TW



WHY SPECIFY IT

Filtration that never goes offline.

A single-vessel filter must stop treating water to backwash. Twin alternating duty removes that gap: the standby vessel takes the load the moment its partner enters regeneration, so downstream plant sees continuous filtered supply.



Constant flow, stable quality

One unit in service, one in regeneration or standby. Output quality does not shift with the backwash cycle, and the changeover creates no hydraulic shock on the main.



Metered CE 1.5" control

Regeneration triggered by measured volume rather than a clock, with delayed, immediate or combined modes and adjustable cycle stages on a multilingual menu.



One platform, five medias

The same vessel set runs granular activated carbon, Filtrasorb 300, Filter-AG, Filter-AG PLUS or Birm, so the duty can be matched to the raw water on site.

11.8m³/h

SERVICE FLOW

15.9m³/h

BACKWASH FLOW

2 × 697 L

VESSEL VOLUME

24/7

AVAILABILITY

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 DUPLECO15 connector, running in parallel. Both configurations are quoted from this datasheet.



SPECIFICATIONS

Technical detail.

Model	Regent Twin 3072
Code	BF3072CE15-TW
Datasheet ref	SWC-BF3072TW-26-R0
Configuration	Twin alternating
Vessels	2 × BF3072CE15
Twin connector	VLV15BSPT
Control valve	CE 1.5" (V15CEDT)
Pressure tank	30" × 72" · 4" opening
Volume per vessel	697 L
Regeneration	Delayed / immediate / both

Service flow	11.8 m ³ /h @ 1 bar Δp
Backwash flow	15.9 m ³ /h @ 1.7 bar Δp
Inlet / outlet	G 1.5"
Drain	G 1"
Operating pressure	2 – 6 bar
Operating temperature	+4...+30 °C
Electrical	230 V · 50/60 Hz
Electrical power	2 × 30 W
Connection height	2160 ±30 mm · drain 2370 ±30
Dry system weight	190 kg (2 × 95 kg)

RECOMMENDED MEDIA VOLUME · PER VESSEL

FILTER MATERIAL	CODE	VOLUME PER VESSEL	TWIN SET TOTAL
Granular activated carbon Centaur 12×40	CENT1240	180 kg	360 kg
Activated Carbon Filtrasorb 300	FILTR300	175 kg	350 kg
Filter-AG PLUS media	A8023	367.9 L	735.8 L
Filter-AG material	A8014	367.9 L	735.8 L
Birm filter media	A8006	367.9 L	735.8 L

Support layer of 125 kg per vessel recommended. Media volume depends on the material selected; 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 × CE 1.5" valve assembly with 1.5" meter, DLFC and top stack distributor
- ✓ 2 × 30" × 72" tank with 4" to 2" adaptor, DN 50 riser and bottom stack
- ✓ VLV15BSPT twin connector assembly
- ✓ 1" drain fittings, power supplies, funnels and manuals
- ✓ Filter media and support layer, 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, V3097BSPT WS1.5" no-hard-water bypass, V3071BSPT MAV 1.5 motorised alternating valve, V3040BSPT-15 WS1.5 meter assembly. Where more than two vessels are needed, 2 to 6 units can run from a Clack system controller in progressive flow, alternator, series or random mode.

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