

# TECHNICAL SHEET

## **SIATA** RESIDENTIAL VALVE V132





## SIATA RESIDENTIAL VALVE - V132



### TECHNICAL CHARACTERISTICS

- Flow rate: up to 7 m<sup>3</sup>/h
- Quick connect clips allowing easy installation and maintenance
- Compatible with the entire SIATA controller range
- Typical applications:
  - Softening
  - Demineralisation
  - Filtration
- Mixing device (for residential softeners up to 800 L/h flow rate, to be used on pressure vessels up to 10x35 inches of diameter)
- Backwash flow control (for filter and demineralisation installations)
- Driver replica of the pressure point (for any special applications, that for instance can drive an external brine valve, can be used to close the valve outlet)

### TECHNICAL SPECIFICATIONS

#### VALVE SPECIFICATIONS

Material	Glassfiber reinforced ABS
Hydrostatic pressure	22 bar
Working pressure	1.5-6 bar
Working temperature	5 - 40°C

#### FLOW RATE (3.5 bar inlet - valve alone)

Continuous ( $\Delta p = 1$ bar)	7.0 m <sup>3</sup> /h
Cv*	7.32 gpm
Maximum backwash ( $\Delta p = 1.8$ bar)	3.0 m <sup>3</sup> /h

#### DOWN FLOW REGENERATION

Cycles	Adjustable depending on controller fitted
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\*Cv: Flow rate of valve alone in gpm at 0.07 bar pressure drop.



## DIMENSIONS

Inlet/outlet	Male 2 inches BSP or various QC** fittings
Distributor pilot	32 mm O.D.
Drain line	20 mm - QC**
Brine line	3/8 inch
Mounting base - Top	2 1/2 inches 8 NPSM
Height (from top of tank)	129 mm ± 2

\*\* QC: Quick connect.

## TANK SIZE APPLICATION (recommended)

Water softener	8- 16 inches (max 200 L of resin)
Filter	8- 16 inches (according to filter media specs)
Demineralisation	8- 16 inches (max 200 L of resin)

## METER

Accuracy range 3/4 inch (± 5%)	12-150 Lpm
Accuracy range 1 1/2 inch (± 5%)	36-200 Lpm

## REGENERATION CYCLES

Softener & demineralisation	Filter
1) Backwash (Upflow) 2) Brine & slow rinse (Down flow) 3) Rapid rinse (Down flow)	1) Backwash (Upflow) 2) Rapid rinse (Down flow)

## OPTIONS

Mixing	Yes
Backwash Flow Control	Yes
Driver replica	Yes

**Contact us:**

**By mail**

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Wrekin Water