

TECHNICAL SHEET

SIATA RESIDENTIAL VALVE V132





SIATA RESIDENTIAL VALVE - V132

TECHNICAL CHARACTERISTICS



- Flow rate: up to 7 m³/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 50% raw water mixing)
- 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
Color	Black or blue
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 ³ /h
Cv*	7.32 gpm - Kv 6.33 m ³ /h bar
Maximum backwash ($\Delta p = 1.8$ bar)	3.0 m ³ /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 - 18 inches (max 200 L of resin)
Filter	8 - 16 inches (according to filter media specs)
Demineralisation	8 - 18 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) 4) Refill (raw water) - install regenerant line shutt off valve for DI	1) Backwash (Upflow) 2) Rapid rinse (Down flow)

OPTIONS

Mixing	Yes
Backwash Flow Control	Yes
Driver replica	Yes



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