



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 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 ³ /h |
| Cv* | 7.32 gpm |
| Maximum backwash ($\Delta p = 1.8$ bar) | 3.0 m ³ /h |

DOWN FLOW REGENERATION

| | |
|--------|---|
| Cycles | Adjustable depending on controller fitted |
|--------|---|

*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

.....
siata@siata.com.sg

By phone

.....
Tel. +65 6741 2994

By fax

.....
Tel. +65 6741 2995

Distributed by:



S.I.A.T.A Asia Pacific Pte Ltd

37 Tannery Lane
#06-08 Tannery House
Singapore 347790
Tel: +65 6741 2994 • Fax: +65 6741 2995

www.siata.com.sg