



TECHNICAL SHEET

SIATA VALVE V240





SIATA V240



TECHNICAL CHARACTERISTICS

- Side mounted valve
- Up to 8.5 m³/h flow rate
- Quick connect inlet and outlet ports
- Suitable for residential and commercial softening, demineralisation, dealkalisation applications, as well as filtration systems
- Compatible with most of the SIATA controller range

VALVE SPECIFICATIONS

Material	ABS + 17% glass fiber
Color	Blue / black
Hydrostatic pressure	22 bar
Working pressure	From 1,5 to 6 bar
Working temperature	From 5° to 40°C

FLOW RATE (3,5 bar inlet - valve alone) Standard

Continuous ($\Delta p = 1$ bar)	8.5 m ³ /h
Peak ($\Delta p = 1.9$ bar)	11.7 m ³ /h
Cv *	9.88
Maximum backwash ($\Delta p = 1,9$ bar)	4 m ³ /h
Maximum rapid rinse ($\Delta p = 1.9$ bar)	5.5 m ³ /h

* Cv: Flow rate of valve alone in GPM at 0,07 bar pressure drop.

DOWNFLOW REGENERATION

Adjustable cycles	Depending on controller fitted
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VALVE CONNECTIONS

Inlet /outlet	2" BSP
Drain line connector	Threaded
Mounting base/Tank connection	Side mount

TANK SIZE APPLICATION (RECOMMENDED)

Water softener	14" - 24" (max 300 L of resin)
Filter	14" - 21" (according to filter media specs)
Demineralisation	14" - 21" (max 200 L of resin)



REGENERATION CYCLES

Softener & Demineralisation

Filter**

1) Backwash (Up flow)

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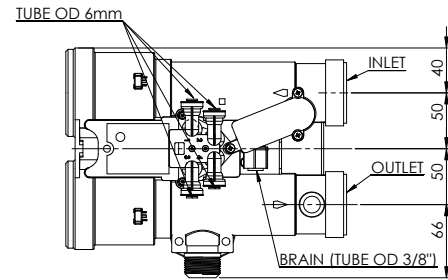
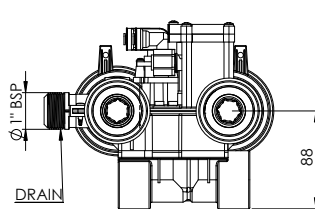
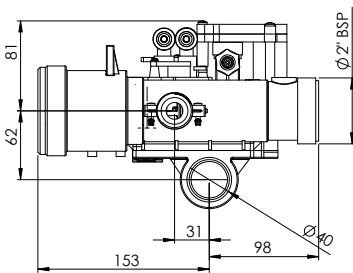
2) Brine & slow rinse (Down flow)

2) Rapid rinse (Down Flow)

3) Rapid rinse (Down Flow)

** Depending on the controller type brine draw and slow rinse time must be set on 0.

DIMENSIONS



Inlet/Outlet connection options available

Quick fittings



2265-A/05 3/4" BSP female

2265-H/05 1 1/2" male and 1" female

2265-B/05 1" BSP female

2265-I/05 2" male and 1 1/4" female

2265-C/05 1 1/4" BSP female

2265-K/05 1 1/2" BSP female

2265-D/05 32 mm to glue

Threaded fittings



494-B/05 1 1/4" BSP female (PVC-PVC)

494-C/05 40 mm to glue (PVC-PVC)

494-F/05 1 1/4" BSP female (Brass-brass)

494-S/05 1 1/4" NTP (PVC-PVC)

494-T/05 1 1/4" NTP (PVC-PVC)

OPTIONS

Up Flow regeneration

No

Duplex systems

Yes

External DLFC 1" 1/4

Yes

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