

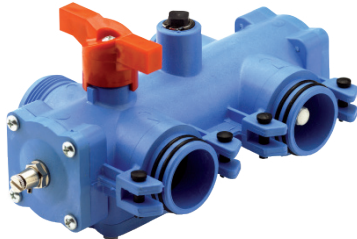
ACCESSORIES

Pentair engineers have developed specific accessories such as turbine meters, brine valves and patented by-pass valves that ensure a perfect compatibility with the overall SIATA range.

Other accessories also feature metal adapters, flow regulators, check valves, chlorine producers, distributors...



Turbine meters



Direct by-pass

CORRESPONDANCE TABLE VALVES-CONTROLLERS

		Valves	Controllers applicable		Accessories/Extra components needed				
			Basic controllers	Professional controllers	Safety brine valve	Regenerant control valve	External meter	By-pass	
Residential	Simplex softening time clock	V132A/V119 ¹	SFE/SFE-EV		Yes	No	No	Optional	
	Simplex softening metered	V132T	SFE/SFE-EV		Yes	No	No-Internal	Optional	
	Duplex alternating softening	V132E/V219 ¹	SFE/SFE-EV		Yes	No	Yes	Optional	
	Simplex filter	V132F	SFE		No	No	Optional	Optional	
Commercial	Simplex softening time clock	V132A/V230A/V240A	SFE/SFE-EV	AT-PLUS	Yes	No	No	Optional	
	Simplex softening metered	V132T/V230T/V240T	SFE/SFE-EV	AT-PLUS	Yes	No	Internal	Optional	
	Simplex filter	V230F/V240F/V250F/V260F	SFE		No	No	Optional	Optional	
	Duplex alternating softening	V132E/V230E/V240A	AC	AT-PLUS/AC-PLUS	Yes	No	Yes	Optional	
	Duplex parallel softening metered	V132E-T/V230E-T/V240A-T		AC-PLUS	Yes	No	Internal	Optional	
	Triplex softening parallel and alternating	V132E-T/V230E-T/V240A-T		AC-MULTIPLY	Yes	No	Internal	Optional	
	Simplex dealkalization	V132D/V230D/V240D	SFE	AT-PLUS	No	Yes	Yes	Optional	
	Duplex dealkalization	V132D/V230D/V240D	AC	AT-PLUS/AC-PLUS	No	Yes	Yes	Optional	
	Simplex deionization	V132D/V230D/V240D	AI	AI-PLUS	No	Yes	No	Optional	
	Duplex deionization	V132D/V230D/V240D		AI-PLUS DUPLEX	No	Yes	No	Optional	
	Commercial/Light Industrial	Simplex softening metered & time clock	V250A/V260A	SFE/SFE-EV ²	AT-PLUS	Yes	No	Optional	No
		Simplex filter	V350F/V351F	SFE ³	AT-PLUS	No	No	Optional	No
Duplex alternating softening		V250A/V260A	AC	AT-PLUS/AC-PLUS	No	No	Yes	No	
Duplex parallel softening		V250A/V260A	AT	AC-PLUS	Yes	No	Yes	No	
Triplex softening		V250A/V260A		AC-MULTIPLY	Yes	No	Yes	No	
Simplex dealkalization		V250D/V260D	SFE	AT-PLUS	Yes	No	Yes	No	
Duplex dealkalization		V250D/V260D	AC	AT-PLUS/AC-PLUS	No	Yes	Yes	No	
Simplex deionization		V250D/V260D	AI	AI-PLUS	No	Yes	No	No	
Duplex deionization		V250D/V260D		AI-PLUS DUPLEX	No	Yes	No	No	
Industrial	Simplex softening metered & time clock	V360SMA	SFE	AT-PLUS	Yes	No	Optional	No	
	Simplex filter	V363	SFE ³	AT-PLUS	No	No	Optional	No	
	Duplex alternating softening	V360SMA	AC	AT-PLUS/AC-PLUS	Yes	No	Yes	No	
	Duplex parallel softening	V360SMA	AT	AC-PLUS	Yes	No	Yes	No	
	Triplex softening	V360SMA		AC-MULTIPLY	Yes	No	Yes	No	
	Simplex dealkalization	V360SMD	SFE	AT-PLUS	No	Yes	Yes	No	
	Duplex dealkalization	V360SMD	AC	AT-PLUS/AC-PLUS	No	Yes	Yes	No	
	Simplex deionization	V360SMD	AI	AI-PLUS	No	Yes	No	No	
	Duplex deionization	V360SMD		AI-PLUS DUPLEX	No	Yes	No	No	

¹ Valve V119/219 have specific embeded electronic

² SFE-EV only up to 200 L of resin

³ Profilter camshaft needed

LENNTECH

Contact us:

LENNTECH

info@lenntech.com Tel. +31-152-610-900
www.lenntech.com Fax. +31-152-616-289

PENTAIR

SIATA
VALVES & CONTROLLERS

VERSATILITY AND RELIABILITY FOR WATER TREATMENT

SIATA valves and controllers propose a full range of state-of-the-art solutions that simplify the process of designing, producing, operating and maintaining water treatment plants for filtration, softening or deionization.

SIATA offers a broad range of multiport composite valves with service flow rates up to 35 m³/h and a complementary line of advanced professional controllers and accessories.

VALVES

The valve control systems are characterized by continuous research and development and also by the ease of operation, maintenance and the customisation that they can offer.

All products are equipped with electrical and hydraulic connections to be linked to the external commands and do not require any additional interface or adaptation modules.

With their unique characteristics, the SIATA valves are particularly suitable for softening, filtration, iron removal, de-alkalization and deionization.

The valves are manufactured from recyclable engineering food grade copolymers. This aligns SIATA with the positive production trends which characterized the best European firms.

CONTROLLERS

More than 30 years of experience in the electronics applied to water treatment field has proven the success of SIATA controllers in carrying out the valves function in the treatment of raw and processed waters. By virtue of thoughtful research, SIATA controllers are more adaptable than any other electro-mechanism of this type.

The control functions monitored by the SIATA controllers ensure that the plant can operate to its maximum efficiency and offer significant savings in production and operating costs. Further assurance is given to SIATA customers through the technical department which can offer you consultation and technical backup on any control systems.

VALVE + CONTROLLER:
MAKE YOUR OWN CHOICE!

The key concept at SIATA is to propose valves that can be fitted with almost any controllers depending on your needs, meaning several hundreds of individual configurations.

Pentair engineers work closely with our customers to develop personalized solutions to their specific application. The result is a unique combination of valves and related controllers for years of reliable and troublefree service.



A UNIQUE KNOW-HOW IN WATER TREATMENT

SIATA was founded in Italy in 1980 and played a major role on the market with the introduction of such innovation as the use of electronics in control systems. This idea, duly patented, has enabled us to perfect a highly-specialised and extremely versatile range of products for the treatment of water before and after the industrial process.

Pentair has succeeded in strengthening the position of SIATA in the European market. After more than 30 years of existence, the company has solid foundations, with guaranteed, high quality products, confirmed by our customers loyalty, during this time.



SIATA production site in Pisa, Italy

MANUFACTURING

From the 80s, SIATA valves have been developed and assembled in Italy.

Today, the production is located in our European center of expertise for valves in Pisa, Italy, where Autotrol and Fleck valves are already assembled.

QUALITY

All SIATA products have been certified by major EU certificates: CE, 206 / 95 / EC low voltage, 2004 / 108 / EC electromagnetic compatibility, ACS and DM174.

On top of that, our Pisa plant is ISO 9001:2008 certified.

DEIONIZATION

SIATA is the only brand to supply valves, controllers and accessories for DI applications. Their special design in glass fibre reinforced ABS make them suitable for deionization, thanks to their construction that resist to types of regenerants, such as NaOH, HCL and H₂SO₄.

	Residential / Commercial						Industrial			
										
	V119/219	V132	V230	V240	V250	V260	V360	V350	V351	V363
Valve material	ABS	ABS	ABS	ABS	ABS	ABS	ABS	ABS	ABS	ABS
Inlet/Outlet	3/4"	2"	2"	2"	2" 1/4	2" 1/4	3"	2" 1/4	2" 1/4	2" 3/4
Service flow rate (m³/h / gpm)	2 / 9	7 / 30	8.5 / 37.4	8.5 / 37.4	21 / 92.5	21 / 92.5	32 / 141	23 / 101	23 / 101	36 / 159
Backwash flow rate (m³/h / gpm)	No	3 / 13	4 / 17.6	4 / 17.6	12 / 52.8	12 / 52.8	15 / 66	31 / 137	31 / 137	48 / 211
Upflow regeneration	•									
Valve mounting	Top mount	Top mount	Top mount	Side mount	Top mount	Side mount	Side mount	Side mount	Top mount	Side mount
Filter option	No	•	•	•	•	•	•	•	•	•
Duplex	•	•	•	•	•	•	•	•	•	•

	Softening and filtration controllers						DI controllers			RO controllers
										
	Aquacubic	Aquatimer	SFE	SFE-EV	Aquatimer Plus	Aquacubic Plus	AquaIonic	AquaIonic Plus	AquaIonic Plus Duplex	RO Easy/RO EV
Applications	Softening	•	•	•	•	•				
	Filtration	•	•	•	•	•				
	Dealkanization	•	•	•	•	•				
	Iron removal	•	•	•	•	•				
	Deionization						•	•	•	
Technical specifications	Reverse osmosis									•
	Time clock		•	•	•	•				
	Volumetric	Immediate	Immediate/Delayed	Immediate/Delayed	Immediate/Delayed	Immediate/Delayed	Immediate	Immediate	Immediate	
	Adjustable cycle time	•	•	•	•	•	•	•	•	
	Calendar override		•	•	•					
	Chlorine cell management			•	•					
	Microswitch option	•	•	•	•					
	Duplex system control	Alternating				Alternating			•	
	Holidays mode				•					
	Remote regeneration start	•	•	•	•	•	•	•	•	
	Inhibit signal in/out	•	•	•	•	•	•	•	•	
	Variable brining				•					
	Relay on board	•	•	•	•	•	•	•	•	