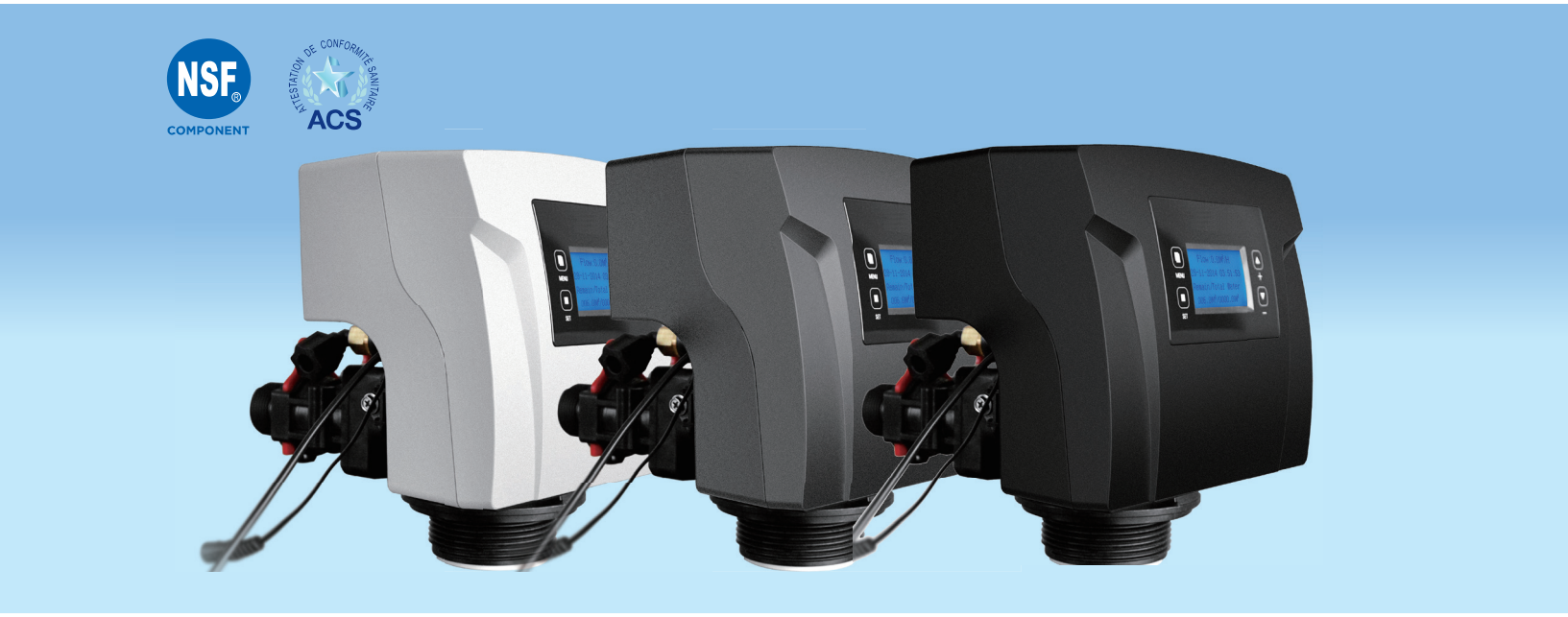
Canature

Your One Stop Water Treatment Partner

BNT 89 Multi-Port Control Valve

1” Commercial control valve

Languages:



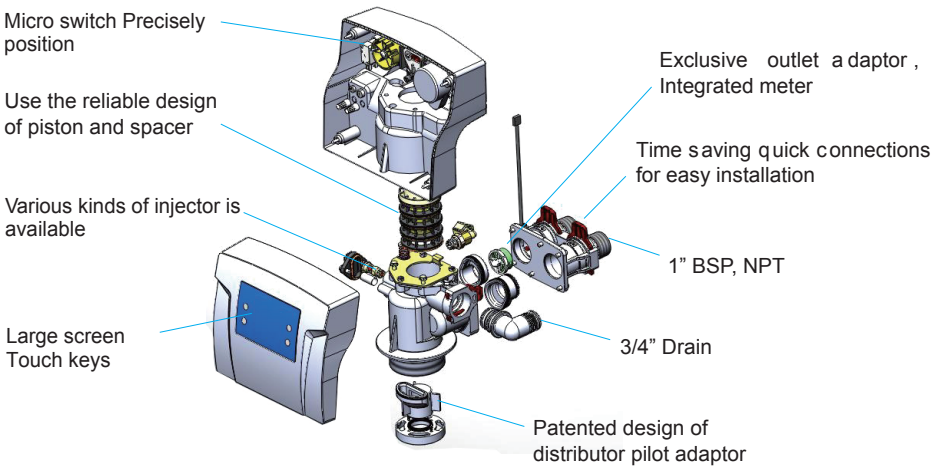
Features:

- Down Flow and Up Flow regeneration are optional.
- Filter and Softener are optional.
- High service and backwash flow rate. Can be applied to 10 "- 21" tanks.
- It is applicable to filter and softener system in high flow rate demand of resident and light commercial field.
- Hard water bypass when regenerate.
- Big LCD screen, four row display, touch keys, easier to operate the control panel.
- Use plastic valve body, durable, anti-corrosion, low cost.
- Classic design using the structure of piston and spacer,reliable,less failure.
- Four Regeneration modes: Timer, Meter immediate, Meter delay, Meter override and add manual regeneration for commissioning.
- Unique design for rise pipe adaptor and inlet and outlet connector fitting, easy to reverse.
- Precisely location at service and each position of regeneration by the two micro switches.
- Adjustable cycle time during Regeneration mode.
- Automatic memory function: the parameters set by the customers can be stored when power failure.
- Child lock function,when in stand-by mode,all keys will be locked automatically and can be unlock.
- Factory default,erase all the current settings,go back to the factory default.
- Locked Motor protection,failure warning of micro switch damage.
- Injectors: Five types for optional.
- DLFC:11—24 gpm (5 types).
- BLFC:0.2—0.7gpm (3 types).





Diagram



Specification	Valve material	Noryl		
	Inlet/outlet	1" BSP, 1" NPT		
	Mounting base	2.5" NPSM		
	Distributor pilot	OD 1.05"		
	Drain line	1/2", 3/4" Quick connector		
	Brine line connector	3/8" Quick connector		
	Meter accuracy	± 5%		
	MAX flow rate displayed	99.99M^3/H（GPM）		
	Regeneration mode	Timer、Meter、Meter Delay and Mix Regen.		
	Application	Down/Up Flow softener, Filter		
	Adjustable cycles	1-99 min;1-199 min（Brine draw）		
	Regen. Cycles	890D control valve – DF regen.:		
		Back wash, brine+slow rinse, rapid rinse, refill		
		890U control valve – UP regen.:		
		Brine+slow rinse, back wash, rapid rinse, refill		
		891 control valve -- filter:		
		Back wash, rinse		
	Dimension（with connector）	22X23X23cm Length X Width X Height		
	Net weight	2.1 Kg		
Service Flow Rate (Valve+Meter only)	**Model**	**890D**	**890U**	**891**
	Continuous (15 psi drop gpm)	26.3	27.8	25.0
	Peak (25 psi drop gpm)	34.0	36.0	32.5
	Max backwash (25 psi drop gpm)	15.0	12.0	19.5
	Cv	6.8	7.2	6.5
Typical applications	Softener	10" – 21" diameter		
	Filter	10" – 18" diameter		
Electrical	Input	110V - 220V AC 50/60Hz		
	Output	12V AC 50/60Hz 650mA		
Operation ratings	Working pressure	0.14 – 0.87 MPa		
	Working temperature	1 – 42℃		
Certification	NSF44,CE,RoHs,ACS			

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