

ChiMay Control Valve Catalog

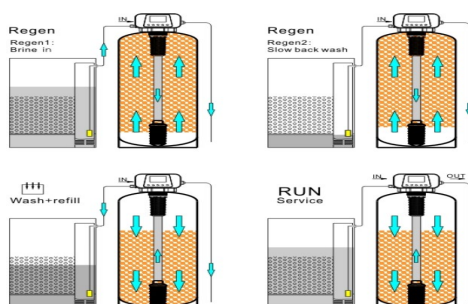
GR-2/GL-2 Series Economical Control Valve	2
GL Series Filter Control Valve	3
GR Series Fixed Bed Up Flow Regenerating Softener Valve	4
DR Series Floated Bed Softener Control Valve	5
ZR/RF Series Double Tank Floated Bed Softener Control Valve	6
5600 Control Valves	7
3150 Control Valves	8
2750 Control Valves	9
2850 Control Valves	10
2900 / 9000 Control Valves	11
5000 / 7000 Control Valves	12
3P Serial Multi-Valve Controller	13
1P Household Control Valve	14
Brine Valve	15
High Flux Water Distributor & Y Type Pipe Filters	16






GR-2/GL-2 Series Economical Control Valve

1. Full ceramic disc seal, permanent life;
2. Extensive keystroke operation mode;
3. Water inlet flow meter, full Flow Time dual mode, Power failure. Water stop memory;
4. Can be set the delayed regeneration function;
5. Multi-valve interlock communication. multi-mode output extension, external control input interface.

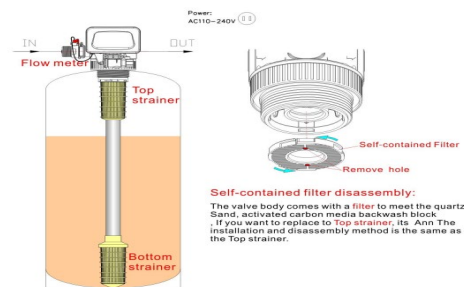
GR-2 Economical Softener Valve




Model	GR2-2 Meter/ Time	GR4-2 Meter/ Time	GR10-2 Meter/ Time
Output Max	4T/H	7T/H	15T/H
Pic			
Dimension	Base:2.5"-8 NSPM Inlet & outlet:3/4" Centre Pipe:26.7mmOD Brine Valve:YF300	Base:2.5"-8 NSPM Inlet & outlet:1" Centre Pipe:32mmOD Brine Valve:YF300	Base:4"-8 UN Inlet & outlet:1.5" Centre Pipe:50mmOD

Notes:1GPM ≈ 0.2271 T/H for water; 1 T/H ≈ 4.403 GPM for water

GL-2 Economical Filter Valve



GL-2M configuration and install


Model	GL2-2 Meter/ Time	GL4-2 Meter/ Time	GL10-2 Meter/ Time
Output Max	4T/H	7T/H	15T/H
Pic			
Dimension	Base:2.5"-8 NSPM Inlet & outlet:3/4" Centre Pipe:26.7mmOD	Base:2.5"-8 NSPM Inlet & outlet:1" Centre Pipe:32mmOD/ Centre Pipe(E):26.7mmOD Brine:3/8"	Base:4"-8 UN Inlet & outlet:1.5" Centre Pipe:50mmOD



GL Series Filter Control Valve

GL Series automatic Filter control valves correspond to the corresponding specifications of DR\GR Softening valves. The structure Internal and External is similar, the installation method is the same, the FLOW/TIME dual mode, In the inlet has the flow meter, Achieve all station control by FLOW and water retention memory. Multi-mode relay output interface, LED\ LCD, touch screen display operation panel, and top and side loading, With the same specification of DR\GR Softening valve is suitable for various occasions.

1. Planar valve core seal, independent valve port, specially set translocation channeling pressure channel, ceramic without abrasion;
2. Flow time dual mode, inlet flow meter, realize full station flow control, display instantaneous Flow and Accumulative amount of water, with power outage and water retention function;
3. It can be set delay backwash;
4. Interlock communication, external control interface and relay output multiple mode interfaces.

Model	GL2-1/ GL2-1 LCD	GL4-1/ GL4-1 LCD	GL10-1 Top Loading	GL10-1 Side Loading
Output Max	4T/H	7T/H	15T/H	15T/H
Pic				
Dimension	Base:2.5"-8 NSPM Inlet & outlet:3/4" Centre Pipe:26.7mmOD	Base:2.5"-8 NSPM Inlet & outlet:1" Centre Pipe:32mmOD	Base:4"-8 NSPM Inlet & outlet:1.5" Centre Pipe:50mmOD	Inlet & outlet:1.5" Centre Pipe:63mmOD

Model	GL15 Side/Top	GL20 Side/Top	GL40 Side/Top	GL50
Output Max	18T/H	25T/H	48T/H	70T/H
Pic				
Dimension	Base:2.5"-8 NSPM Inlet & outlet:3/4" Centre Pipe:26.7mmOD	Base:2.5"-8 NSPM Inlet & outlet:2" Centre Pipe:50mmOD	Base:6"-Flange In & out:DN80/DN65 Centre Pipe:90mmOD	In & out:DN80 Centre Pipe:DN80

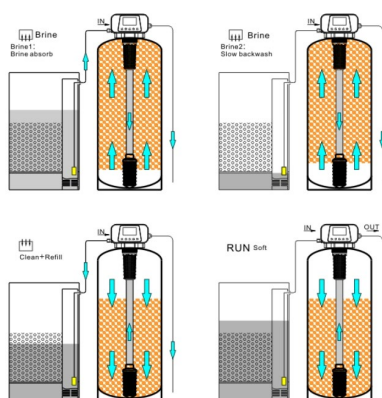
Notes:1GPM ≈ 0.2271 T/H for water; 1 T/H ≈ 4.403 GPM for water




GR Series Fixed Bed Up Flow Regenerating Softener Valve

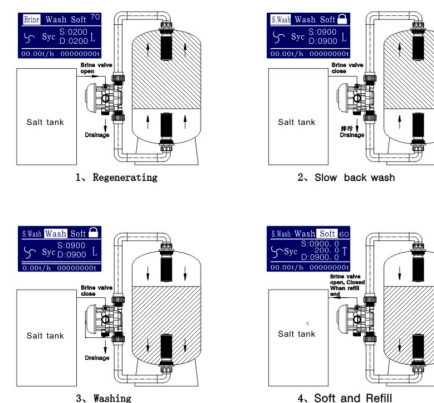
GR Series has meter and timer dual mode, it can be switched to each other by key. In the flow mode, the internal flow transducer realizes the switch of all stations as long as the amount of brine, the amount of slow washing water and the amount of washing water is set according to the volume (liter) of the swap tank. After the period of softening water amount (ton) is set according to the hardness of the raw water, each station decreases to "0" according to the set value, and stops decreasing and maintains when the water is out of service or no water.

GR2-1~GR10-1 Softener Valve



Model	GR2-1/ GR2-1 LCD	GR4-1/ GR4-1 LCD	GR10-1 Top Loading	GR10-1 Side Loading
Output Max	4T/H	7T/H	15T/H	15T/H
Pic				
Dimension	Base:2.5"-8 NSPM Inlet & outlet:3/4" Centre Pipe:26.7mmOD Brine Valve:YF300	Base:2.5"-8 NSPM Inlet & outlet:1" Centre Pipe:32mmOD Brine Valve:YF300	Base:4"-8 NSPM Inlet & outlet:1.5" Centre Pipe:50mmOD Brine Valve:YF600	Inlet & outlet:1.5" Centre Pipe:63mmOD Brine Valve:YF600

GR15~GR50 Large Softener Valve



Model	GR15 Side/Top	GR20 Side/Top	GR40 Side/Top	GR50
Output Max	18T/H	25T/H	48T/H	70T/H
Pic				
Dimension	Base:4"-8 NSPM Inlet/outlet:2"/1.5" Centre Pipe:50mmOD Brine:16mmOD	Base:4"-8 NSPM Inlet & outlet:2" Centre Pipe:50mmOD Brine:16mmOD	Base:6"-Flange In & out:DN80/DN65 Centre Pipe:90mmOD Brine:16mmOD	In & out:DN80 Centre Pipe:DN80 Brine:3/4"

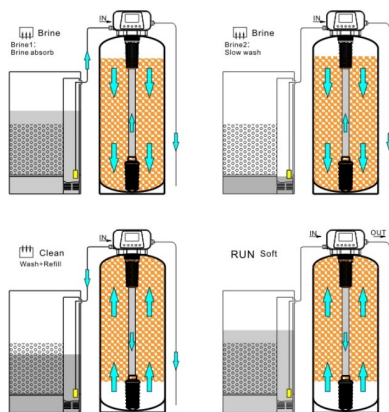
Notes:1GPM ≈ 0.2271 T/H for water; 1 T/H ≈ 4.403 GPM for water







DR Series Floated Bed Softener Control Valve

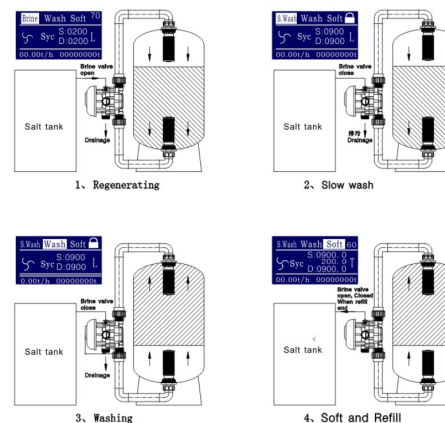
The floating bed control valve has a high flow rate, the swap tank can be small and high, suitable for high hardness water, but the resin filling rate is more than 90%. Use occasions flow velocity should be stable, and the original water turbidity is not big.

DR2-1~DR10-1 Softener Valve



Model	DR2-1/ DR2-1 LCD	DR4-1/ DR4-1 LCD	DR10-1 Top Loading	DR10-1 Side Loading
Output Max	4T/H	7T/H	15T/H	15T/H
Pic				
Dimension	Base:2.5"-8 NSPM Inlet & outlet:3/4" Centre Pipe:26.7mmOD Brine Valve:YF300	Base:2.5"-8 NSPM Inlet & outlet:1" Centre Pipe:32mmOD Brine Valve:YF300	Base:4"-8 NSPM Inlet & outlet:1.5" Centre Pipe:50mmOD Brine Valve:YF600	Inlet & outlet:1.5" Centre Pipe:63mmOD Brine Valve:YF600

DR15~DR50 Large Softener Valve



Model	DR15 Side/Top	DR20 Side/Top	DR40 Side/Top	DR50
Output Max	18T/H	25T/H	48T/H	70T/H
Pic				
Dimension	Base:4"-8 NSPM Inlet/outlet:2"/1.5" Centre Pipe:50mmOD Brine:16mmOD	Base:4"-8 NSPM Inlet & outlet:2" Centre Pipe:50mmOD Brine:16mmOD	Base:6"-Flange In & out:DN80/DN65 Centre Pipe:90mmOD Brine:16mmOD	In & out:DN80 Centre Pipe:DN80 Brine:3/4"

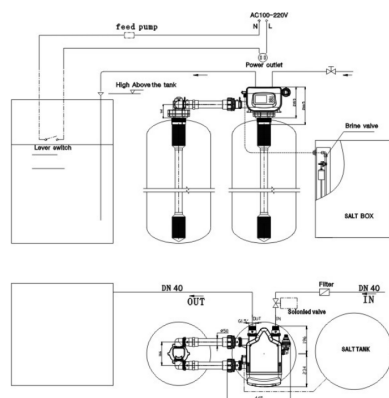
Notes:1GPM ≈ 0.2271 T/H for water; 1 T/H ≈ 4.403 GPM for water







ZR/RF Series Double Tank Floated Bed Softener Control Valve

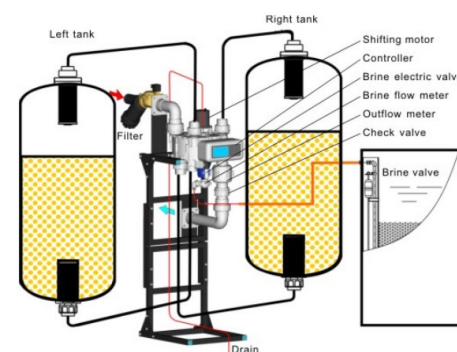
ZR series one valve double tank control valve adapts to small and medium softener, It produces water at the same time and Regeneration respectively, Especially one tank can use soft water of another tank, the water quality is good. It is verified in the long-term use. External outlet flow meter and drain flow meter, All parameter settings by volume of water. Working pressure stable, same as RF series, adapted to high hardness water softening, such as steam boiler, heating engineering and other professional softening use.





ZR Serial Double Tank Softener



Model	ZR4-1	ZR4-1S	ZR10-1	ZR10-1S
Output Max	6T/H	6T/H	12T/H	12T/H
Pic				
Dimension	Base:2.5"-8 NSPM Inlet & outlet:1"(1.2") Centre Pipe:32mmOD Brine Valve:3/8"	Inlet & outlet:1"(1.2") Centre Pipe:32mmOD Brine Valve:3/8"	Base:4"-8 NSPM Inlet & outlet:1.5" Centre Pipe:50mmOD Brine Valve:3/8"	Inlet & outlet:1.5" Centre Pipe:50mmOD Brine Valve:3/8"

RF Serial Double Tank Softener



Model	RF20	RF20-GUI	RF50	RF50-GUI
Output Max	25T/H	25T/H	50T/H	50T/H
Pic				
Dimension	Base:4"-8 NSPM Inlet & outlet:1.5"/2"	Base:4"-8 NSPM Inlet & outlet:1.5"/2"	Base:6"-Flange Inlet&outlet:2.5"/3" Brine Valve:YF600	Base:6"-Flange Inlet&outlet:2.5"/3" Brine Valve:YF600

Notes:1GPM ≈ 0.2271 T/H for water; 1 T/H ≈ 4.403 GPM for water



5600 Control Valves

Valve Body Material	Noryl	Noryl
Inlet/Outlet	1-3/4"	1-3/4"
Flow Range(0.35 Mpa feed water pressure)		
Continue water yield(0.1Mpa drop)	4.54m ³ /h	3.54m ³ /h
Peak water yield(0.175Mpa drop)	5.9m ³ /h	4.49m ³ /h
Resistance Coefficient Cv	5.2	5.2
Backwash flow(0.175Mpa drop)	7gpm	7gpm

Model	Fleck	ChiMay
Central Pipe	13/16", 1"(1.05)O.D.	13/16", 1"(1.05)O.D.
Drain Line	1/2"(female)	1/2"(female)
Brine Line	3/8"	3/8"
Mounting Base	2.5"-8NPSM	2.5"-8NPSM
Height(From top of tank)	7"	7"

Note: Feed water pressure is 40psi(0.28Mpa), renewable salt consumption is 160g per resin.



ChiMay 5600 Valve



3150 Control Valves

Valve Body Material	Unleaded Brass	Noryl
Inlet/Outlet	2"	2"
Flow Range(0.35 Mpa feed water pressure)	Top/Side	4-20m ³ /h
Continue water yield(0.1Mpa drop)	21.59/22.72m ³ /h	21.5m ³ /h
Peak water yield(0.175Mpa drop)	28.18/29.31m ³ /h	24.8m ³ /h
Resistance Coefficient Cv	24.8/25.9	13.2
Backwash flow(0.175Mpa drop)	21.59/22.72m ³ /h	18.7m ³ /h

Model	F 3150	C 3150
Central Pipe	2"	1.5" ID
Drain Line	2"	2"
Brine Line	1"(Male)	3/8"(1/2")
Mounting Base	4"-8UN (top)	4"-8UN
Height(From top of tank)	10"	8-1/2"

Note: Feed water pressure is 40psi(0.28Mpa), renewable salt consumption is 160g per resin.



ChiMay 3150 Valve



2750 Control Valves

Valve Body Material	Unleaded Brass	Noryl
Inlet/Outlet	1"	1"
Flow Range(0.35 Mpa feed water pressure)		4-8m ³ /h
Continue water yield(0.1Mpa drop)	5.9m ³ /h	6.5m ³ /h
Peak water yield(0.175Mpa drop)	7.5m ³ /h	8.5m ³ /h
Resistance Coefficient Cv	6.8	5.2
Backwash flow(0.175Mpa drop)	5.9m ³ /h	6m ³ /h

Model	F 2750	C 2750
Central Pipe	1"(1.05)O.D.	1"(1.05)O.D.
Drain Line	3/4"	3/4"
Brine Line	3/8" (1/2")	3/8" (1/2")
Mounting Base	2.5"-8	2.5"-8
Height(From top of tank)	6-1/2"	7"

Note:Feed water pressure is 40psi(0.28Mpa), renewable salt consumption is 160g per resin.



ChiMay 2750 Valve



2850 Control Valves

Valve Body Material	Unleaded Brass	Noryl
Inlet/Outlet	1-1/2"	1.2"/2"
Flow Range(0.35 Mpa feed water pressure)		Top/Side
Continue water yield(0.1Mpa drop)	11.5m ³ /h	11/14.95m ³ /h
Peak water yield(0.175Mpa drop)	15m ³ /h	14.8/20.8m ³ /h
Resistance Coefficient Cv	13.2	13.2
Backwash flow(0.175Mpa drop)	11.5m ³ /h	8/14m ³ /h

Valve Body Material	Unleaded Brass	Noryl
Central Pipe	1.5"I.D.	1.5"I.D.
Drain Line	1"(male)	1"(male)
Brine Line	3/8" (1/2")	3/8" (1/2")
Mounting Base	4"-8UN	4"-8UN
Height(From top of tank)	6-1/2"	6-1/2" / 7"

Note: Feed water pressure is 40psi(0.28Mpa), renewable salt consumption is 160g per resin.



ChiMay 2850 Valve

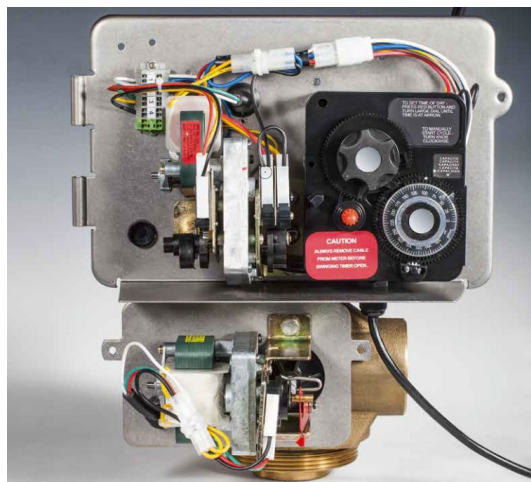


2900 / 9000 Control Valves

Model	2900	9000
Valve Body Material	Unleaded Brass	1" / 3/4"
Inlet/Outlet	2"	
Flow Range(0.35 Mpa feed water pressure)		4.77/4.09m ³ /h
Continue water yield(0.1Mpa drop)	24.09m ³ /h	6.36/5.45m ³ /h
Peak water yield(0.175Mpa drop)	31.81m ³ /h	5.1/4.8
Resistance Coefficient Cv	27.5	0.54m ³ /h
Backwash flow(0.175Mpa drop)	6m ³ /h	1" / 3/4"

Model	2900	9000
Central Pipe	1.5" I.D.	1"(1.05) OD
Drain Line	1"	3/4" male
Brine Line	3/8" (1/2")	3/8" (1/2")
Mounting Base	4"-8UN	2.5"-8NPSM
Height(From top of tank)	6-1/2"	6-1/2"

Note: Feed water pressure is 40psi(0.28Mpa), renewable salt consumption is 160g per resin.



ChiMay 9000 Valve



5000 / 7000 Control Valves

Model	5000	7000
Valve Body Material	1" - 3/4"	Noryl
Inlet/Outlet		1" - 3/4"
Flow Range(0.35 Mpa feed water pressure)	3.8m ³ /h	
Continue water yield(0.1Mpa drop)	5m ³ /h	4.3m ³ /h
Peak water yield(0.175Mpa drop)	4.8	5.4m ³ /h
Resistance Coefficient Cv	0.88m ³ /h	5
Backwash flow(0.175Mpa drop)	1" - 3/4"	1.07m ³ /h

Model	5000	7000
Central Pipe	1(1.05")O.D.	1(1.05")O.D.
Drain Line	1/2"	1/2"
Brine Line	3/8"	3/8"
Mounting Base	2.5" - 8	2.5" - 8
Height(From top of tank)	5-1/2"	5-1/2"

Note: Feed water pressure is 40psi(0.28Mpa), renewable salt consumption is 160g per resin.

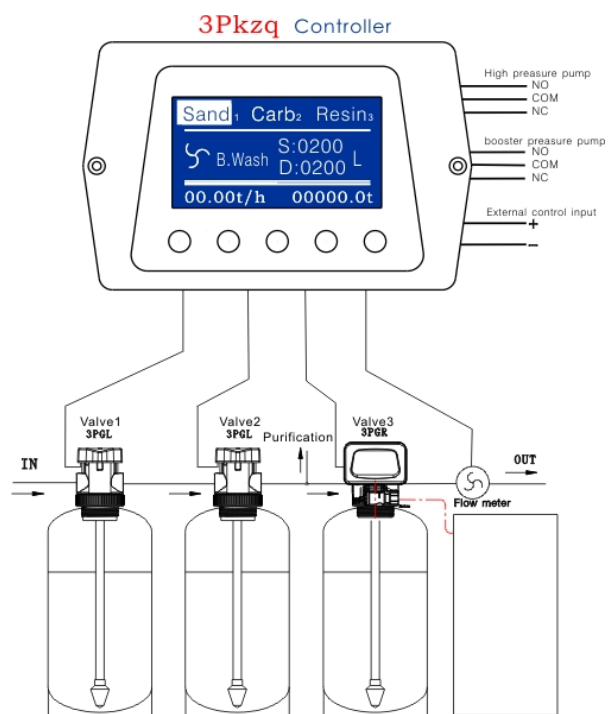


ChiMay 7000 Valve



3P Serial Multi-Valve Controller

3P series multi-valve control is controlled by one controller and can be chosen to control one, two or three Valve, the controller is separated from valve body, can be installed in the central control cabinet panel, each valve can be set parameters itself, the controller has input and output relay interface, it has internal control and external control mode. The internal control is backwash or regenerated by the parameters set each Valve itself in RUN or SOFT. External control is completely controlled by external signals to control valves to backwash or regenerative, can be widely used in pretreatment system or independent purification and softening combined system. beside this 3P10 have wireless control model.



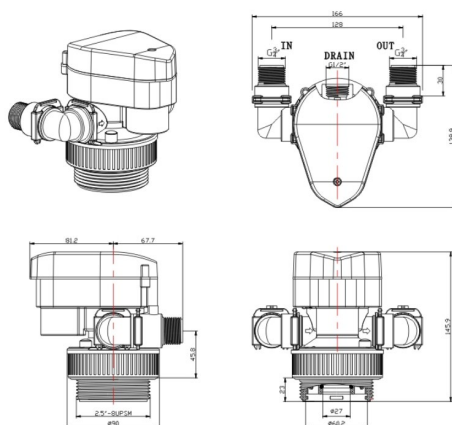
Project	IN & OUT	3P Controller	Flow meter	3P Filter valve	3P Soften valve	Base	Center pipe
3P2	3/4"	3PKZQ-2	ZLLU-20	3P2GL	3P2GR	2.5"-8UPSM	26.7mmOD
3P4	1"	3PKZQ-4	ZLLU-25	3P4GL	3P4GR	2.5"-8UPSM	32mmOD
(3P4E)							(27mmOD)
3P10	1.5"	3PKZQ-10	ZLLU-40	3P10GL	3P10GR	4"-8UN	50mmOD
3P10-Wireless		3PKZQ-10-Wireless		3P10GL-Wireless	3P10GR-Wireless		



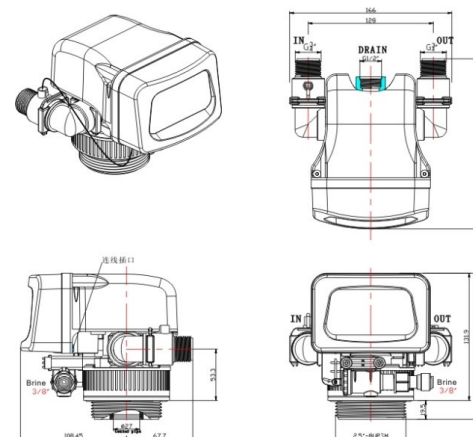
1P Household Control Valve

1P is suitable for home background of soft water machine control valve products, display screen and valve body separation, with four core cable connection, inflow meter full flow control, in and out of the nozzle connection socket type, adapted to the bypass valve inflow water connection way access to the personalized design configuration, can adapt to the programming of personalized display, external vehicle with DC12V power supply only adapter. Small size, compact structure, safety and reliability.

1PGL2 Filter valve

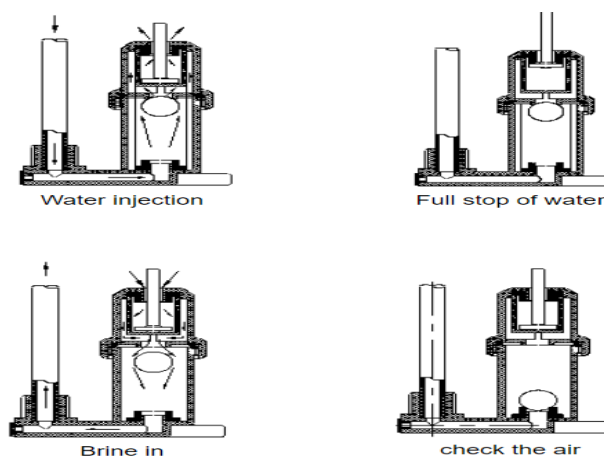


1PGR2 Soften valve



Brine Valve

This series of brine valves have overcome the deficiency of the products existing in the market. It can not only protect water injection and check the air, but also can limit the extreme amount of water injection and filter the water running inside. If water injection is too fast, the liquid level inside the brine well will spill out quickly and the injection must be shut down, which will result in the insufficiency of water inside the brine tank and have bad influence upon the outcome of recycling. This kind of brine valves depends on water pressure to work. It is reliable in working and valuable in extensive employment.



Model	Maximum amount of salt absorption	Maximum amount of water supplement	Outside diameter of the connecting tube	Inside diameter in side the brine well
YF300	300L/H	150 L/H	10mm OD	80mm
YF600	1200 L/H	600 L/H	20mm OD	90mm

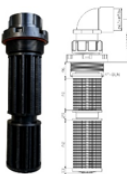


High Flux Water Distributor & Y Type Pipe Filters

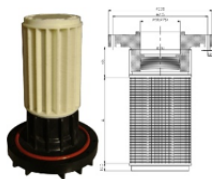
Model	S	BASE	Pipe	pcs	A	Flux
BSQ-s4-50-40	Side loading	4"-8UN	50mmOD	40	138	10T/h
BSQ-s4-50-60				60	184	15T/h



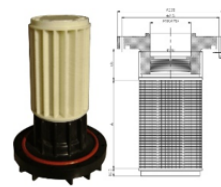
Model	S	BASE	Pipe	pcs	A1+A2	Flux
BSQ-s4-50-100	Side loading	4"-8UN	50mmOD	100	322	20T/h
BSQ-s4-50-120				120	368	25T/h
BSQ-s4-63-100			63mmOD	100	322	20T/h
BSQ-s4-63-120				120	368	25T/h



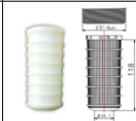



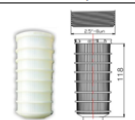


Model	S	BASE	Pipe	pcs	Flux
BSQ-s6-75-40pcs(10T/h)	Side loading	4"-8UN	75mmOD	60	30T/h
BSQ-s6-75-60pcs(16T/h)				80	40T/h
BSQ-s6-75-100pcs(20T/h)				100	50T/h
BSQ-s6-75-120pcs(25T/h)				120	60T/h



Model	S	BASE	Pipe	pcs	Flux
BSQ-s6-90-40pcs(10T/h)	Side loading	4"-8UN	90mmOD	60	30T/h
BSQ-s6-90-60pcs(16T/h)				80	40T/h
BSQ-s6-90-100pcs(20T/h)				100	50T/h
BSQ-s6-90-120pcs(25T/h)				120	60T/h



Model	bsq-T2.5S-26.7	bsq-T2.5X-26.7	4Ebsq-T2.5S-26.7	4Ebsq-T2.5X-26.7
Flux max	4T/H	4T/H	6T/H	6T/H
Pic				

Model	bsq-T2.5S-32	bsq-T2.5X-32	bsq-S2.5-32
Flux max	6T/H	6T/H	6T/H
Pic			



Model	GLQ-20	GLQ-25	GLQ-40	GLQ-50	GLQ-65	GLQ-80
In & out size	G3/4"	G1"	G1.5"	G2"	DN65 flange	DN80 flange
Filtration precision	80mesh					
L	143	143	189	189	343	343
W	157	157	210	210	343	343
H	146	146	210	210	346	346

