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## Multi-functional Flow Control Valve for

### Water Treatment Systems

60002 (Old Model No.: F65C) 70002 (Old Model No.: F69C)

# Instruction Manual

Please read this manual in details before using the valve and keep it properly in order to consult in the future.

0WRX.466.522

Before the valve put into use, please fill in the below content so as to help us to refer in the future.

### **Softener System Configuration**

Tank Size: Dia.	mm,Heightmm;				
Resin VolumeL	L; Brine Tank Capacity				
Hardness of Raw water	mmol/L;				
Pressure of Inlet Water	MPa;				
Control Valve Model	; Number		;		
Specifications of Brine Line Flow	Control;				
Injector No					
Water Source: Ground-water ;	Filtered Ground-water				
Tap Water □;	Other				

• The default configuration of the Brine Line Flow Control is 3#, the injector is 5#, unless otherwise specified.

# Catalogue

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## Notice

• To ensure normal operation of the valve, please consult with professional installation or repairing personnel before use it.

• If there are any of pipeline engineering and electric works, there must be finished by professional at the time of installation.

• Do not use the control valve with the water that is unsafe or unknown quality.

• Depending on the changing of working environment and water requirement, each parameter of softener should be adjusted accordingly.

• When the water treatment capacity is too low, please check the resin. If the reason is shortage of resin, please add; if the resin is turn to reddish brown or broken, please replace.

• Test water periodically to verify that system is performing satisfactorily.

• Sodium used in the water softening process should be considered as part your overall dietary salt intake. Contact doctor if you are on a low sodium diet.

• Ensure that there is solid salt all the time in the brine tank in the course of using, when this valve is used for softening. The brine tank should be added the clean water softening salts only, at least 99.5% pure, forbidding use the small salt.

• Do not put the valve near the hot resource, high humidity, corrosive, intense magnetic field or intense librations environment. And do not leave it outside.

• Forbidden to carry the injector body. Avoid to use injector body as support to carry the system.

• Forbidden to use the brine tube or other connectors as support to carry the system.

ullet Please use this product under the water temperature between 5 $\sim$ 

 $50^\circ\!\mathrm{C}$  ,water pressure 0.15 $\sim$ 0.6MPa. Failure to use this product under such conditions voids the warranty.

• If the water pressure exceeds 0.6Mpa, a pressure reducing valve must be installed before the water inlet. While, if the water pressure under 0.15MPa, a booster pump must be installed before the water inlet.

• It is suggested to install PPR pipe, corrugated pipe or UPVC pipe, instead of TTLSG pipe.

• Do not let children touch or play, because carelessness operating may cause the procedure changed.

• When the attached cables of this product and transformer are changed, they must be changed to the one that is from our factory.

# **1. Product Overview**

# 1.1. Main Application & Applicability

Used for softening or demineralization water treatment systems Be suitable for

Residential softening system Ion exchange equipment Boiler softening water system RO pretreatment softening system, etc.

### **1.2. Product Characteristics**

### Simple structure and reliable sealing

It adopts hermetic head faces with high degree pottery and corrosion resistance for opening and closing. It combines with Service, Backwash, Brine & Slow Rinse, Brine Refill and Fast Rinse.

No water pass the valve in regeneration in single tank type

### **Manual function**

Realize regeneration immediately by pressing manual button "<sup>(D)</sup>" at any time

### **One-button start**

Control the regeneration time, only need pressing the one-button start button then start regeneration.

#### **Status indicator**

Every position has corresponding status indicator.

### More simple and more economical

Customize time parameter value, easy to operate and more economical.

#### **1.3 Service Condition**

Runxin Valve should be used under the below conditions.

Items		Requirement
Working	Water pressure	0.15MPa∼0.6MPa
conditions	Water temperature	5℃~50℃
	Environment temperature	5℃~50℃
Working environment	Relative	< 95% (When temperature is $25%$ )
	humidity	
	Electrical facility	AC100~240V/50~60Hz
Inlet water quality	Water turbidity	Down-flow regeneration < 5FTU ; Up-flow regeneration < 2FTU
	Water hardness	First Grade Na <sup>+</sup> <6.5mmol/L; Second Grade Na <sup>+</sup> <10mmol/L
	Free chlorine	<0.1mg/L
	Iron <sup>2+</sup>	<0.3mg/L
	CODMn	$<2mg/L (O_2)$

In the above table, First Grade Na+ represents First Grade Na+ Exchanger. Second Grade Na+ represents Second Grade Na+ Exchanger. When the water turbidity exceeds the conditions, a filter should be installed on the inlet of control valve.

When the water hardness exceeds the conditions, the outlet water hardness will hardly reach the requirement of boiler feed water (0.03 mmol/L) . It is suggested to adopt second grade softener.

### 1.4. Product Structure and Technical Parameters

### **Product dimension**



Model	A (mm) max	B (mm) max	H (mm) max	Flow Rate m <sup>3</sup> /h @0.3MPa	Regene ration Mode
F65C/6000 2	127.5	187.8	154.7	2.0	Down- flow
F69C/7000 2	127.5	187.8	154.7	2.0	Up-flo w

Attention:

- 1. The appearance is just for reference. It is subject to the real product.
- 2. OD-Outer Diameters, 1.05OD=26.7mm
- 3. Transformer Output: DC12V/1.5A

### 1.5. Installation

### A. Installation notice

Before installation, read all those instructions completely. Then obtain all materials and tools needed for installation

The installation of product, pipes and circuits should be accomplished by professional to ensure the product can operate normally.

Perform installation according to the relative pipeline regulations and the specification of Water Inlet, Water Outlet, Drain Outlet, Brine Line Connector

B. Device location

(1)The filter or softener should be located close to drain.

(2)Ensure the unit is installed in enough space for operating and maintenance

3Brine tank need to be close to softener.

(4)The unit should be kept away the heater, and not be exposed outdoor. Sunshine or rain will cause the system damage

(5)Please avoid to install the system in one Acid/Alkaline, Magnetic or strong vibration circumstance, because above factors will cause the system disorder.

6 Do not install the filter or softener, drain pipeline in circumstance which temperature may drop below 5  $\degree$ 

⑦One place is recommended to install the system which cause the minimum loss in case of water leakage.

C. Pipeline installation

### (1) Install control valve

a. As the Figure 1-1 shows, select the riser pipe with 26.7mm OD, glue the riser pipe to the bottom strainer and put it into the mineral tank, cut off the exceeding tube out of tank top opening. Plug the riser tube in case of mineral entering.



Figure1-1

b. Fill the mineral to the tank, and the height is in accordance with the design code.

c. Remove the tap covering on the central tube and check if the riser tube is on the central of tank.

d. Install the top distributor to the valve and insert the riser tube into control valve and screw tight control valve

Note:

•The length of riser tube should be neither higher 2mm nor lower 5mm tank top opening height, and its top end should be rounded to avoid damage of O-ring inside the valve

•Avoid floccules substance together with resin to fill in the mineral tank.

•Avoid O-ring inside control valve falling out while rotating it on the tank

2 Pipeline connection

a. As Figure1-2 shows, install a pressure gauge in water inlet.

b. Install valve A, valve B, valve C and valve D in inlet pipeline, outlet pipeline, the middle of the inlet and outlet pipeline. valve D is sampling valve( or adopt F70B by-pass valve)

c. Install a check valve in water outlet

d. Inlet pipeline should be in parallel with outlet pipeline. Support inlet and outlet pipeline with fixed holder.



Note:

•If the water outlet or water tank is installed higher than control valve or parallel interlock system with multi-outlets, a liquid level controller must be installed in brine tank. Or else, the water in water outlet or water tank will flow backwards into brine tank when backwash. •If making a soldered copper installation, do all sweat soldering before connecting pipes to the valve. Torch heat will damage plastic parts.

•When turning threaded pipe fittings onto plastic fitting, use care not to cross thread or broken valve.

- (3) Install drain pipeline
- a. As Figure1-3 shows: slide the drain hose connector into drain outlet.
- b. Insert drain line flow control into drain outlet
- c. Screw drain hose connector into drain outlet, and lock it.
- d. Locate the drain hose.

Notes:

•Control valve should be higher than drain outlet, and be better not far from the drain hose

•Be sure not to connect drain with sewer, and leave a certain space between them, in order to prevent wastewater absorbed to the water treatment equipment, such as showed in the Figure1-3.



Figure1-4

### (4) Connect brine tube

a. As Figure1-4 shows, slide 3/8"brine tube hose connector over end of brine tube.

b. Insert tube bushing into the end of brine tube.

c. Insert the red brine line flow control into valve brine line connector(attention: cone side of control should face into valve)

d. Tighten brine draw hose connector onto brine line connector.

e. Connect the other end of brine tube with the brine tank. ( the liquid level controller and air-blocker should be installed in the brine tank.)

Note: The brine tube and drain pipeline should not be bended or plugged.

# 2.Basic Setting & Usage

### 2.1. The Function of PC Board



♦ When the system is in Service status, only press button, then the system will start to regenerate, otherwise, the system will not regenerate.

 $\diamond$  After start the regeneration, the system will process the complete

**regeneration circle** automatically, under the setting parameter (as the blow table shows), then back to service.

 ♦ During the regeneration circle, if you would like to finish the current status in advance, press ● button to process to next status.

### 2.2 Basic setting

Controller setting (Default configuration)

Backwash	Brine & Slow Rinse	Brine Refill	Fast Rinse
1 min.	35 min.	2min.	2 min.

Notes: The time parameter can be saw and adjusted through the USB adjuster. (USB adjuster is five digit display board, please buy separately if necessary)

### 3. Application

### 3.1 Softener Flow Chart



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### 3.2 System Configuration and Flow Rate characteristic

### A. Product Configuration

Product configuration with tank, resin volume, brine tank and injector

Tank Size (mm)	Resin Volume (L)	Flow Rate (t/h)	Brine Tank Size (mm)	Minimum Salt Consumption for Regeneration (Kg)	Injector Model
φ180×1130	16	0.5	φ200×500	2.40	6302
φ205×1300	25	0.7	φ390×810	4.00	6303
φ255×1390	40	1.2	φ390×810	6.00	6305
φ300×1650	60	1.8	φ450×940	9.00	6306

Note: The flow rate calculation is based on linear velocity 25m/hr; the minimum salt consumption for regeneration calculation is based on salt consumption 150g / L (Resin).

- B. Flow Rate characteristic
- 1). Pressure-flow rate curve



Inlet				Draw	Rate	(L/M)	)			
Pressure										
MPa	6301 Coffee	6302 Pink	6303 Yellow	6304 Blue	6305 Whit e	6306 Black	6307 Purpl e	6308 Red	6309 Gree n	6310 Orange
0.15	0.81	1.12	1.58	2.21	2.45	3.30	3.44	4.08	5.19	5.69
0.20	0.95	1.41	1.87	2.53	2.89	3.88	4.21	4.83	5.36	6.80
0.25	0.99	1.61	2.08	2.79	3.30	4.30	4.66	5.39	6.86	7.65
0.30	1.30	1.81	2.18	3.05	3.66	4.74	5.15	5.95	7.50	8.60
0.35	1.45	1.96	2.39	3.27	3.94	5.02	5.55	6.51	8.30	9.57
0.40	1.56	2.12	2.55	3.50	4.25	5.41	5.88	6.77	8.74	9.90

#### 2). Injector parameter table

3). Configuration for Standard Injector and Drain Line Flow Control

Tank Dia.	Injector Model	Injector Color	Draw Rate	Slow Rinse	Brine Refill	DLFC	Backwash / Fast Rinse
			L/m	L/m	L/m		L/m
150	6301	Coffee	1.30	0.91	3.0	1#	4.7
175	6302	Pink	1.81	1.32	3.7	1#	4.7
200	6303	Yellow	2.18	1.73	3.8	2#	8.0
225	6304	Blue	3.05	2.14	3.3	2#	8.0
250	6305	White	3.66	2.81	4.3	3#	14.4
300	6306	Black	4.74	3.32	4.2	3#	14.4

Note: Above data for the product configuration and relevant characteristics are only for reference. When put into practice, it is subject to different requirements of raw water hardness and applications.

#### 3.3 Trial Running

Fix the valve on the tank, connect all the pipelines, set all the parameters then do as follows:

A. Turn off the inlet and outlet of the valve B and valve C, turn on the by-pass valve A, and wash clean the internal pipeline then turn off the valve A, as shown in figure(1-3).

B. Pour the specified water into the brine tank, and adjust the check valve, then put the solid salt into the brine tank, let it dissolve in water as far as possible.

C. Connect the power supply. Press the button<sup>()</sup> turn to back wash status, open valve B to 1/4 slowly to let water into brine tank. Now can hear the sound of air through the outlet pipe, then fully open the valve B after air exhausted, wash clean the resin tank until drain the clean water from outlet. About take 8~10min.

D. Press button  $\ \ \, \ \, \ \,$  to complete regeneration. Choose position brine and slow rinse turn to brine and slow rinse status. The check valve will be closed and turn to slow rinse status, after all the water is absorbed. The brine and slow rinse cost 60~ 65min.

E. Press button  $\bigcirc$  to stop brine and slow rinse. Choose position brine tank refill and start refill, until the water levels soars reach the enactment water level of high, then put the solid salt into the brine tank, take 5~6min.

F. Press button  $\bigcirc$  to stop refill. Choose fast rise position start fast rinse. After 10~15min., take our some outlet water for testing: if the water hardness reach the requirement, and the chloridion in the water is almost the same compared with the inlet water, then go to the next step.

G. Press  $\Theta$  to stop fast rinse, then making the control valve return to Service and start to running.

• When the control valve enters into the regeneration , all programs can be finished automatically according to the setting time; if you want one of

the steps to be terminated early, you can press **9** 

• If the water inflow is too fast, the media in tank will be damaged. When the water inflow is slow, there is a sound of air emptying from drain pipeline.

• After changing resin, please empty air in the resin according to the above Step C.

• In the process of trial running, please check the water situation in all position, ensuring there are no resin leakage

• The time for Backwash, Brine& Slow Rinse, Brine Refill and Fast Rinse position can be set and executed according to the calculation in the formula or suggestions from the control valve suppliers.

### 3.4, Trouble-Shooting

Α.	Control	valve Fault	

Problem	Cause	solution
1. Softener fails to regenerate.	<ul><li>A. Electrical service to unit has been interrupted.</li><li>B. Controller is defective</li><li>C. Motor fails to work.</li></ul>	<ul><li>A. Assure permanent electrical service(Ccheck fuse, plug, pull chain or switch).</li><li>B. Replace controller</li><li>C. Replace motor</li></ul>
2. Softener supply hard water.	<ul> <li>A. Bypass valve is open or leaking.</li> <li>B. No salt in brine tank.</li> <li>C. Injector plugged.</li> <li>D. Insufficient water flowing into brine tank.</li> <li>E. Leak at O-ring on riser pipe.</li> <li>F. Internal valve leak.</li> <li>G. Regeneration cycles not correct.</li> <li>H. Shortage of resin.</li> </ul>	<ul> <li>A. Close or repair bypass valve.</li> <li>B. Add salt to brine tank and maintain salt level above water level.</li> <li>C. Change or clean injector.</li> <li>D. Check brine tank refill time.</li> <li>E. Make sure riser pipe is not cracked. Check o-ring and tube pilot.</li> <li>F. Change valve body.</li> <li>G. Set correct regeneration cycles in the program.</li> <li>H. Add resin to mineral tank and check whether resin leaks.</li> </ul>

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3. Softener fails to draw brine.	<ul> <li>A. Line pressure is too low.</li> <li>B. Brine line is plugged.</li> <li>C. Brine line is leaking.</li> <li>D. Injector is plugged.</li> <li>E. Internal control leaks.</li> <li>F. Drain line is plugged.</li> <li>G. Sizes of injector and DLFC not match with tank</li> <li>A. Improper salt setting.</li> </ul>	<ul> <li>A. Increase line pressure.</li> <li>B. Clean brine line.</li> <li>C. Replace brine line.</li> <li>D. Clean or replace new parts.</li> <li>E. Replace valve body.</li> <li>F. Clean drain line flow control.</li> <li>G. Select correct injector size and DLFC according to the P20 requirements.</li> <li>A. Check salt usage and salt</li> </ul>
4. Unit used too much salt	B. Excessive water in brine tank.	setting. B. See problem no.6.
5. Excessive water in brine tank.	<ul> <li>A. Overlong refilling time.</li> <li>B. Foreign material in brine line.</li> <li>C. Foreign material in brine valve and plug drain line flow control.</li> <li>D. Not install safety brine valve but power failure whiling salting.</li> <li>E. Safety brine valve breakdown.</li> </ul>	<ul> <li>A. Reset correct refilling time.</li> <li>B. Clean brine line.</li> <li>C. Clean brine valve and brine line.</li> <li>D. Stop water supplying and restart pr install safety brine valve in salt tank.</li> <li>E. Repair or replace safety brine valve.</li> </ul>
6.The salt water flow into outlet pipeline	<ul><li>A. Brine valve is not closed completely</li><li>B. Time of fast rinse is set too short</li></ul>	A Repair brine valve or clean it B. Increase the fast rinse time.

### Control Valve Fault (Continued.)

		A. Clean the water supply pipe.		
		B. Clean valve and add resin		
	A. Iron in the water supply	cleaning chemical, increase		
7. Pressure	pipe.	frequency of regeneration.		
lost or iron in	B. Iron mass in the softener.	C. Check backwash, brine draw		
conditioned	C. Fouled resin bed.	and brine tank refill. Increase		
water.	D. Too much iron in the raw	frequency of regeneration and		
	water.	backwash time.		
		D. Iron removal equipment is		
		required to install before softening.		
8. Loss of	A. Air in water system.	A. Assure that well system has		
mineral	B. Bottom strainer broken.	proper air eliminator control.		
through drain	C. Improperly sized drain	B. Replace new bottom strainer.		
line.	line control.	C. Check for proper drain rate.		
9. Control cycle continuously.	<ul><li>A. Locating signal writing breakdown.</li><li>B. Controller is faulty.</li><li>C. Foreign material stuck the driving gear.</li></ul>	<ul><li>A. Check and connect locating signal wiring.</li><li>B. Replace controller.</li><li>C. Take out foreign material.</li></ul>		
10. Drain	A. Internal valve leak. B. When electricity fails to	A. Check and repair valve body or replace it.		
flows	supply, valve stops	B. Adjust valve to service position		
continuously.	backwash or rapid rinse	or turn off bypass valve and restart		
	position.	when electricity supply.		
11. Interrupted or irregular brine.	<ul><li>A. Water pressure too low or not stable.</li><li>B. Injector is plugged or faulty.</li><li>C. Air in resin tank.</li><li>D. Floccules in resin tank during backwash.</li></ul>	<ul><li>A. Increase water pressure.</li><li>B. Clean or replace injector.</li><li>C. Check and find the reason.</li><li>D. Clean the floccules in resin tank.</li></ul>		

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12. Water flow out from drain or brine pipe after regeneration.	<ul> <li>A. Foreign material in valve which makes valve unable to be closed completely.</li> <li>B. Hard water mixed in valve body.</li> <li>C. Water pressure is too high which cause valve not to get the right position.</li> <li>D. Under the Backwash position, the outlet line and brine line are connected.</li> </ul>	<ul> <li>A. Clean foreign material in valve body.</li> <li>B. Change valve core or sealing ring.</li> <li>C. Reduce water pressure or use pressure release function.</li> <li>D. install a check valve, solenoid valve in front of the outlet or install a liquid level controller in the brine tank.</li> </ul>
13.Decrease of cycle water production	<ul> <li>A. Regeneration not setting properly</li> <li>B. Fouled resin bed.</li> <li>C. Salt setting not proper</li> <li>E. Raw water quality deterioration.</li> </ul>	<ul> <li>A. Regenerate according to the correct operation requirement.</li> <li>B. Increase backwash flow rate and time, clean or change resin C. Set proper salt.</li> <li>E. Regenerate unit by manual temporary, then reset regeneration cycle.</li> </ul>

### B. Controller Fault

Problem	Cause solution
	A. The connecting cables A. Replace the connecting
1 The indicating	damaged. cables.
I. The indicating	B. Display board damaged. B. Replace Display board.
light unit.	C. Control board damaged. C. Replace control board.
	D. Electricity is interrupted. D. Check electricity.

### 3.5. Assembly & Parts

F65C&F69C Valve Body Components .



F65C Valve Body Components

Item No.	Description	Part No.	Quantity
1	O-ring 73X5.3	837814 3	1
2	O-ring 25.8X2.65	837807 8	3
3	Valve Body (ABS+GF10) Valve Body (PPO+GF20)	502201 8 502201 9	1
4	Screw, Cross M4X25	890200 8	4
5	Screw, Cross ST3.9X19	890901 6	4
6	Seal Ringф24Xф18X3	837101 9	3
7	Plug	832300 5	1
8	Motor	615800 6	1
9	Small Gear, Motor	824101 0	1
10	Pin	899300 3	1
11	Connecting cables for display board	551200 3	1
12	Display board	838101 4	1
13	Hexagonal Nut	894001 9	3
14	spring washers	895300 2	3
15	Tube	845700 6	3
16	Control Box	830000 9	1
17	Stick	886500 9	1
18	Screw, Cross M2.5X16	800500 5	1
19	Screw, Cross ST3.9X13	890901 3	1
20	Big Gear, Driven	524100 5	1
21	Screw, Cross ST2.9X9.5	890900 8	7

ltem No	Description	Part No	Quanti tv
24	O-ring 50.39X3.53	8378107	1
25	Anti-friction Washer	8216010	1
26	Shaft	8258009	1
27	Moving Seal Ring	8370053	1
28	Moving Disk	8459013	1
29	Fixed Disk	8469012	1
30	Seal Ring	8370025	1
31	Seal Ring	8458011	1
32	Plug	8323002	1
33	Seal Ring	8370003	1
34	Brine Line Flow Control	8468002	1
35	Tube	8457004	1
36	Hexagonal Nut	8940001	1
37	Joint	8458017	1
38	Drain Line Flow Control	8468007	1
39	Screw, Cross M5X35	8902017	2
40	Cover, Injector	8315001	1
41	O-ring 30X1.8	8378025	1
42	Nozzle, Injector	8454009	1
43	Throat, Injector	8467009	1
44	Injector Body	8008001	1

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22	Locating Board	838203 7	1	45	O-ring 10.82X1.78	8378012	1
23	Fitting Nut	809200 7	1	46	O-ring 7.5X1.8	8378016	2

### F69C Valve Body Components

Item	Description	Part No	Quanti	I
No.		83781/	ty	
1	O-ring 73X5.3	3	1	
2	O-ring 25.8X2.65	837807 8	3	
2	Valve Body (ABS+GF10)	502201 8	1	
3	Valve Body (PPO+GF20)	502201 9	I	
4	Screw, Cross M4X25	890200 8	4	
5	Screw, Cross ST3.9X19	890901 6	4	
6	Seal Ringф24Xф18X 3	837101 9	3	
7	Plug	832300 5	1	
8	Motor	615800 6	1	
9	Small Gear, Motor	824101 0	1	
10	Pin	899300 3	1	
11	Connecting cables for display board	551200 3	1	
12	Display board	838101 4	1	
13	Hexagonal Nut	894001 9	3	
14	spring washers	895300 2	3	
15	Tube	845700 6	3	
16	Control box	830000 9	1	
17	Stick	88650 <mark>0</mark> 9	1	
18	Screw, Cross	800500	1	

Item No	Part	No	Qua ntitv
24	O-ring 50.39X3.53	837810 7	1
25	Anti-friction Washer	821601 0	1
26	Shaft	825800 9	1
27	Moving Seal Ring	837005 3	1
28	Moving Disk	845901 6	1
29	Fixed Disk	846901 5	1
30	Seal Ring	837003 4	1
31	Plug	8458011	1
32	Plug	832300 2	1
33	Seal Ring	837000 3	1
34	Brine Line Flow Control	846800 2	1
35	Tube	845700 4	1
36	Hexagonal Nut	894000 1	1
37	Joint	845801 7	1
38	Drain Line Flow Control	8468007	1
39	Screw, Cross M5X35	890201 7	2
40	Cover, Injector	831500 1	1
41	O-ring 30X1.8	837802	1

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	M2.5X16	5	
10	Screw, Cross	890901	4
19	ST3.9X13	3	I
20	Rig Coor, Drivon	524100	1
20	Big Geal, Driver	5	I
21	Screw, Cross	890900	7
21	ST2.9X9.5	8	1
າາ	Locating Board	838203	1
22	Localing Board	8	1
22	Fitting Nut	809200	1
23	Filling Nul	7	1

		5	
42	Nozzle, Injector	8454009	1
43	Throat, Injector	846700 9	1
44	Injector Body	800800 1	1
45	O-ring 10.82X1.78	837801 2	1
46	O-ring 7.5X1.8	837801 6	2



### 4. Warranty Card

Dear client:

This warranty card is the guarantee proof of RUNXIN brand multi-functional flow control valve. It is kept by client self. You could get the after-sales services from the supplier which is appointed by RUNXIN manufacturer. Please keep it properly. It couldn't be retrieved if lost. It couldn't be repaired free of charge under the below conditions:

1.Guarantee period expired.(One year);

2.Damage resulting from using, maintenance, and keeping that are not in accordance with the instruction.

3.Damage resulting from repairing not by the appointed maintenance personnel.

4.Content in guarantee proof is unconfirmed with the label on the real good or be altered.

5 Damage	resulting	from	force	maieure
J.Damaye	resulting	nom	10100	majeure.

Product	<b>入</b> 润新	<u> Multi-functional Flow Control Valve</u>						
Name	LU KUNXIN	for W	/ater Tr	eatm	ent S	Systems		
Model					С	ode of		
MOUEI					Valv	ve Body		
Purchase								
Company					Te	el/Cel.		
Name								
Problem								
Solution								
Date of Repairing		Date of Accomplisi	of hment			Mainter Ma Signa	nance n ture	

When product need warranty service, please fill in the below content and sent this card together with the product to the appointed suppliers or Runxin company.

End-user							
Company					Tel/Cel.		
Name							
Purchase							
Company					Tel/Cel.		
Name							
Model				Code of	Valve Body		
Tonk Size ( )		Resin Tank Size		Raw Water Hardness			
Tarik Size	φ *		L		mn	nol/L	
Water	Source:	Watar		reatmont	Poolewa	ah Tima	
Ground-wate	er□ Tap Water	vvater i		eatment	Daukwa	Dackwash hime	
		Capacit	IJ	ms	m	in	
Brine & Slov	w Rinse Time	Drine	Def		Foot Dir		
	min	ыпе	Rei	iii rime	Fast Rif		
min		min	n	าเท	m	in	
Problem							
Problem Description							

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