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Residential Products Manual

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The picture is just for reference. It is subjected to the real product.

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RUNLUCKY 油蒜®



Residential Products

PROFESSIONAL MANUFACTURER OF WATER TREATMENT SYSTEMS FOR RESIDENTIAL APPLICATION

2023-07



Residential Products Manual

Soft water make the life better

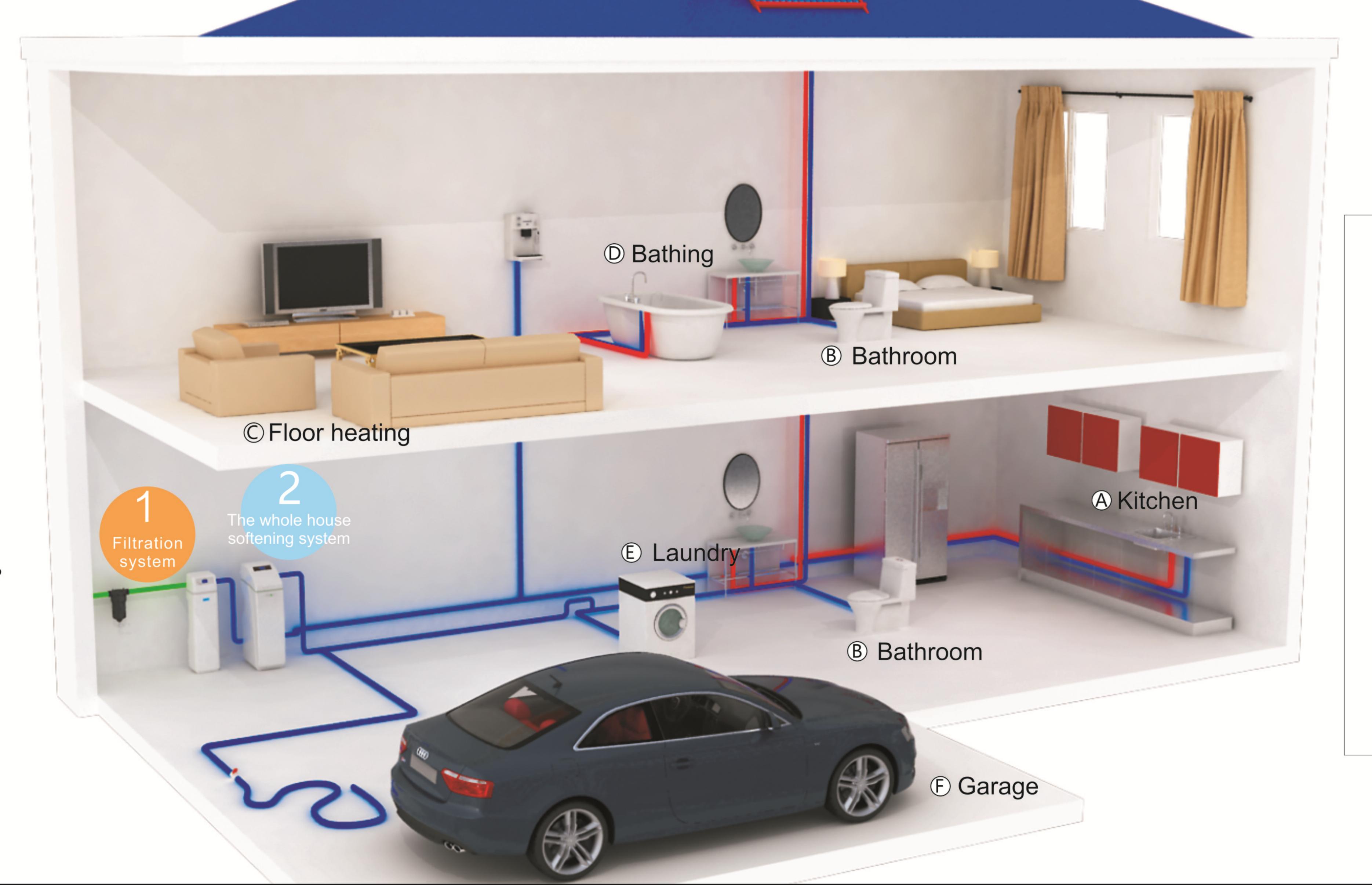
We can't live without water. People use water to do some cleaning and washing every day. Water is very significant to all of us. We rely on the water so deeply, but we don't really know everything about water.

What is the hard water?

Water has soft water and hard water. In most part of China, the water has high magnesium ions and calcium ion contenting, which we called hard water, incrustation and the hard water is a trouble maker in our daily life. Under the condition of heating water will precipitate of magnesium carbonate, calcium carbonate which can't dissolve in water. Therefore incrustation is formed day by day.

What can soft water bring to us?

Using soft water can avoid scaling problems of water pipe, spigot, water appliances and floor heating. Moreover, it can reduce heating costs and the usage of cleaning produces. With soft water in bathing, skin will become soft and hair will get skinnier. Meanwhile, the stain of sanitary appliance, bath apparatus will disappear.



RUNLUCKY NER

RUNLUCKY the whole house water softening system

- **A. Kitchen** the surface of tableware and ceramic appliance is bright and clean as new, and no stain marks.
- **B. Bathroom** with soft water in cleaning, it wouldn't be dirty, produce off-flavor and turn yellow such as toilet, sink, bathtub and so on. There will be no white scale in shower nozzle holes, and the water is unimpeded.
- **C. Floor heating** it keep water flow unblocked, and don't let dirty block pipe.
- **D. Bathing** with soft water in shower, bring you more smooth and healthy skin care.
- **E. Laundry** clothes get soft and don't damage coatings when using soft water to wash.
- **F. Garage** using soft water to wash the car, the cleaning effect is better. The car surface without scale membrane,







Company Profile

Zhejiang Runlucky Purification Technology Co., Ltd. was founded in 2019, is a wholly-owned company of Wenzhou Runxin Manufacturing Machine Co., Ltd. Runxin was founded in 2000, is the national new high-tech enterprise, with awards of National Specialized, Fined, Peculiar and Innovative "Little Giant" Enterprise, national intellectual property advantage enterprise, Zhejiang "Hidden Champion" Enterprise, Wenzhou first batch of "the most beautiful factories". "Runxin Valve" series products with self-researched and developed with intellectual property right are widely exported to more than 143countries and regions. The core technology, hermetic head faces structure, is authorized more than a dozen national and regional patents such as US, Russia, EU etc., also recognized by the National Sanitary Foundation (NSF) since 2010.

Relying on the technology advantage of "Runxin Valve", Runlucky develop whole house water filter (softener) market with forward-thinking, build a 360° whole house water filter (softener) solution with softened water as the core, successfully developed more than 50 residential softener appearances, water filter, pre-filter, RO, ect., providing complete product series for whole house water treatment, with advantage technology, such as intelligent leakage protection, mobile phone remote control and ultra high hard water treatment. Its core product passed NSF certification, CE and RoHS certification, France ACS certification and Russia EAC certification. The products has been exported to more than 50 countries and regions, and set up domestic stores in nearly 200 cities, which is widely praised.

In the face the increasing demand of safety water and healthy water, Runlucky studied and weighed the situation, invested in the construction of a new plant in Lishui, which is near Wenzhou Runxin. Runlucky's new plant covers an area of 44333 square meters, with a building area of more than 82,000 square meters.

Runlucky insists on innovation and sticks to the initial mission, and we are willing to let Chinese ordinary people be able to use residential softener, share a better life with more friends around the world.

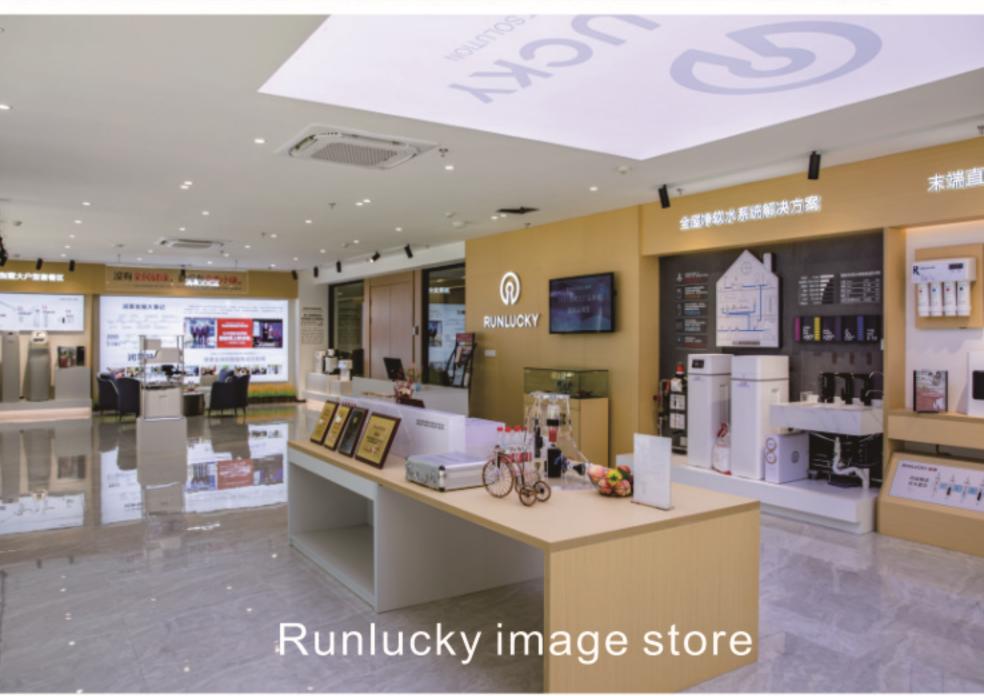




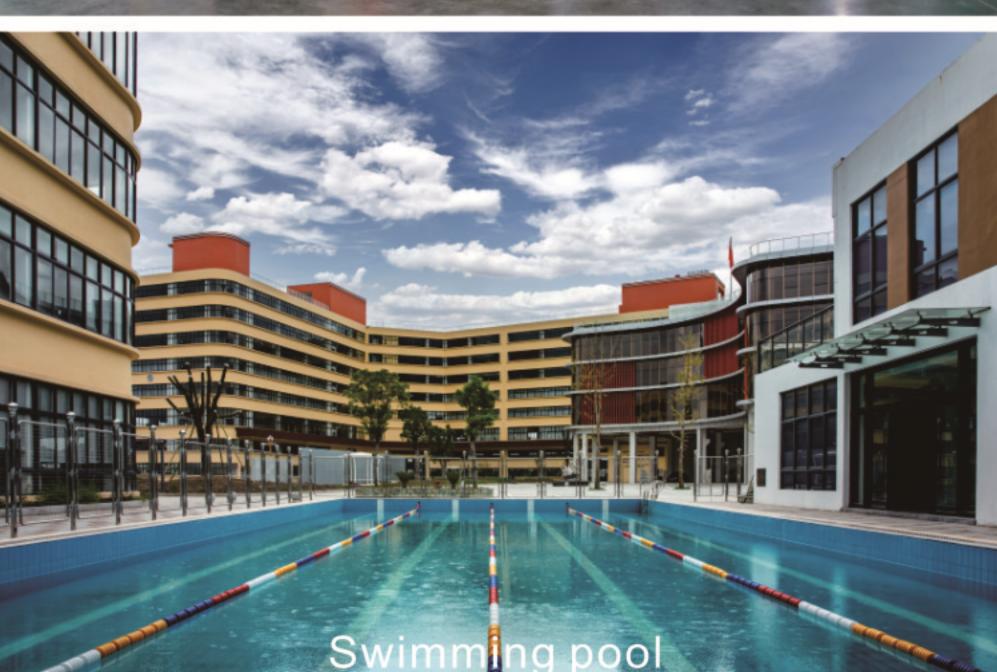












Qualification, patent and certification



RoHS Certificate of Residential Softener



EAC Certificate of Residential Softener



OCE Certificate of

Residential Softener

Registration



на изобретение № 2349819

Заявка № 2007104785

итентообладатель(ли): ЯН Жуньдэ (CN)

International Trademark



RUNLUCKY (Residential) Whole House Water Treatment Systems for Different Raw Water Quality





System for treating high hardness water (two in service one standby system)

Illustration: above system configurations are for only for reference.

Based on the real situation, customer can choose one configuration or multi-confirgurations

Chinese brand turns out to the world

So far, RUNLUCKY residential products has been exported to 53 countries and regions



Product advantages



- The core control valve is self-developed, it has a multiple specifications and various kinds. It is certified by American NSF.
- The whole machine is certified by CE and adopts up-flow regeneration technology, saving salt and water.
- It adopts food-grade resin and tank.
- It is tool free for installation and convenient for operation.
- It has a unique function of calculating the water treatment capacity by itself automatically by inputting hardness and resin volume

All main components for the whole machine are researched and developed by ourselves.



7 main advantages of RUNLUCKY water softener



The core control valve with leading technology in the world.



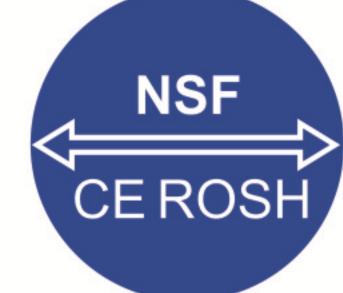
Salt and water saving, up-flow regeneration technology.



Tool free and humanistic design for installation.



anistic The products are exported to 53 ation. countries and areas in the world.











Overturn the cover easily, convenient for operation

The cabinet is designed in the shape of arc; beautiful appearance; optimize the space of adding salt





Professional certificate of RUNLUCKY Company









ertificate RoHS certific

icate





Creative and caring humanistic design idea

Equipped with bypass valve

Equipped with bypass valve, which can realize service, bypass and part bypass function. Connected by clip, installation and removal without tools.

More convenient for installation, maintenance and operation.



Intelligent control valve

Core control valve, control the machine to operate intelligently

High-performance intelligent control valve, research and develop international invention patent by Runixn.

Calculate water treatment capacity automatically, up-flow regeneration automatically, no need human operation, more easy to use.



Food-grade softener resin and tank

The resin tank adopts ABS liner and double strengthening glass steel around outside.

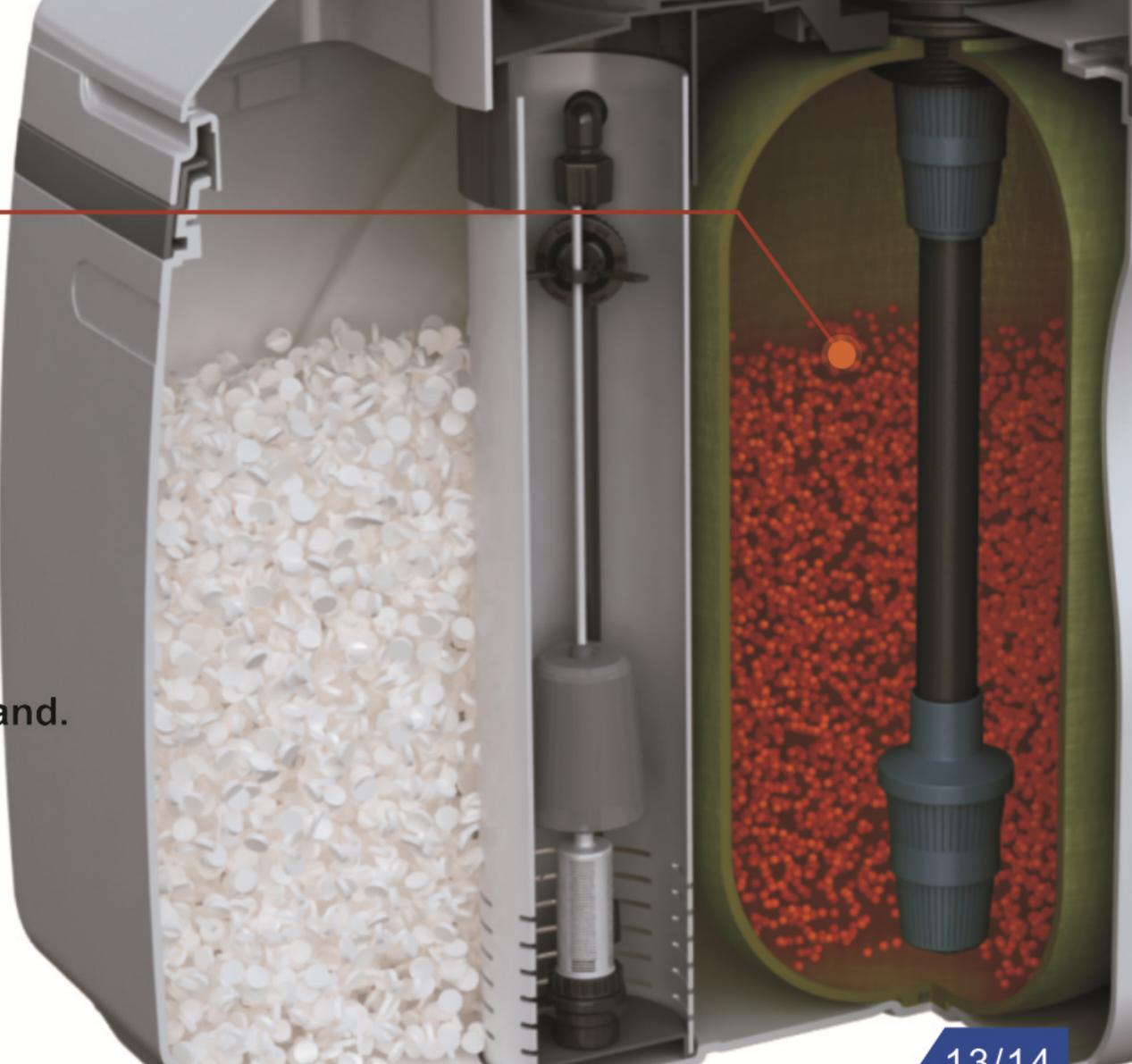
Mold at one time, high pressure-resistance, food-grade ion exchange resin ensure the safety and health of water quality.



Various language display

Various language can choose, each status is easy to understand. With button lock function which is safer to use.

Automatically protect the parameters during the power off.





RL-RS-50A1

RL-RS-50A

Mariuai resideriliai softerier (A series)		
Technical parameters		
Model	RL-RS-50A1	RL-RS-50A
Suggested flow rate ^①	0.3~0.8 m³/h	0.5~0.8 m ³ /h
Resin tank(in)	0713	0717
Resin volume	4.5L	6L
Continuous total ② softened water	1.2 m ³	1.2m ³
Overall size (Length×Width×Height)	380X210X465mm	380X210X565 mm
Outlet water hardness	≤0.6 mmol/L	≤0.6 mmol/L
Suited for For small and medium size family which has 1-3 family members, it can be installed in kitchen or bathroom.		

① The flow rate will be different according to pressure drop. We use 0.3MPa pressure drop to calculate the data in the form.



① The flow rate will be different according to pressure drop. We use 0.3MPa pressure drop to calculate the data in the form.

RL-R50A1 RL-R50A

② Continuous total softened water will be different according to the raw water hardness. We use 150mg/l to calculate the data in the form.

② Continuous total softened water will be different according to the raw water hardness. We use 150mg/l to calculate the data in the form.



RL-R150B

RL-R100B

Automatic residential softener	(B series)
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Automatic residential softener (D series)			
Technical parameters			
Model		RL-R100B	RL-R150B
Suggested	I flow rate ^①	0.8~1.8m³/h	1.0~3.0m³/h
Resin tank	(in)	1017	1035
Resin volu	me	12.5L	28L
Continuous softened w		3 m ³	7 m ³
Overall siz (Length×Wid		525X326X615mm	525X326X1070mm
Outlet water	er hardness	≤0.6 mmol/L	≤0.6 mmol/L
Suited for		For small and medium size family, which has 2-3 family members, it can be installed under apartment or small and medium house type which has 1 bathroom.	For medium and large size family, which has 3-5 family members, it can be installed under apartment, villa or small business which has 1-2 bathroom.

① The flow rate will be different according to pressure drop. We use 0.3MPa pressure drop to calculate the data in the form.

② Continuous total softened water will be different according to the raw water hardness. We use 150mg/l to calculate the data in the form.

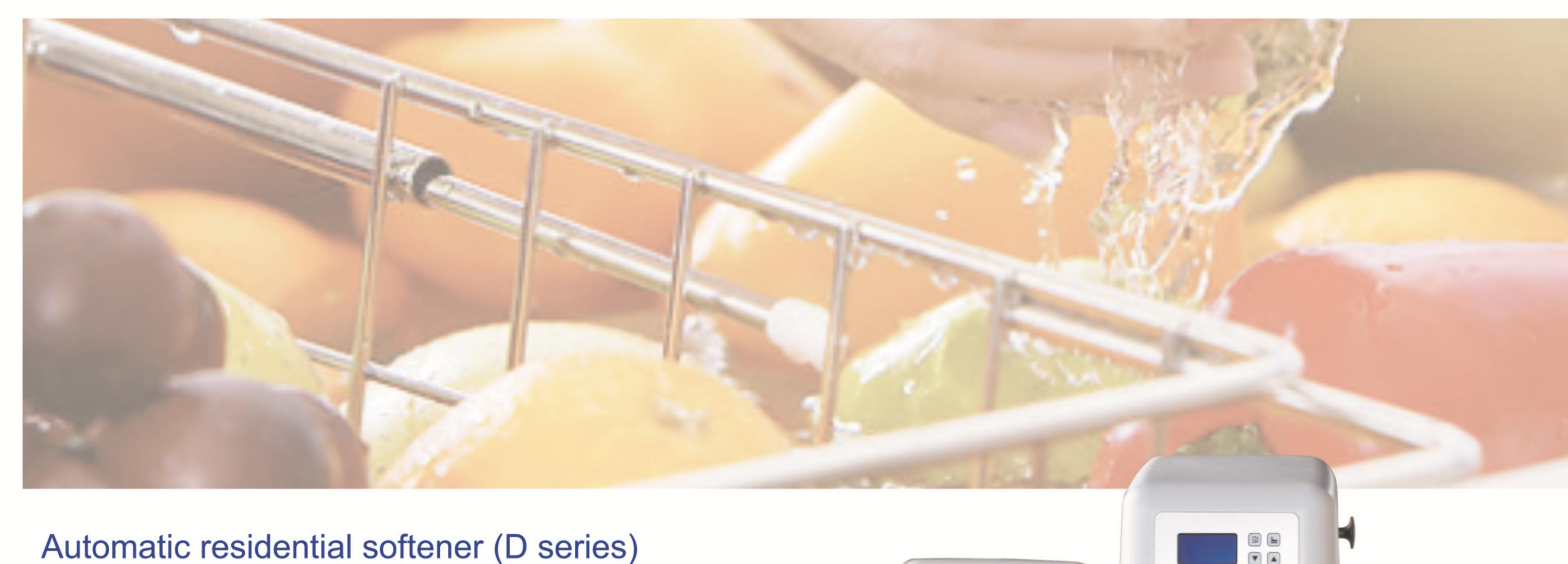


① The flow rate will be different according to pressure drop. We use 0.3MPa pressure drop to calculate the data in the form.



RL-R60C

② Continuous total softened water will be different according to the raw water hardness. We use 150mg/l to calculate the data in the form.



Automatic residential softener (D series)			
	Technical parameters		
Model	RL-R55D	RL-R100D	
Suggested flow rate ^①	0.5~1.0 m ³ /h	0.8~1.8 m³/h	
Resin tank(in)	0815	1017	
Resin volume	7L	12.5L	
Continuous total ② softened water	1.6 m ³	3 m³	
Overall size of cabinet (Length×Width×Height)	258X230X515mm	281X281X566mm	
Overall size of brine tank (Length×Width×Height)	258X230X390mm	258X230X390mm	
Outlet water hardness	≤0.6 mmol/L	≤0.6 mmol/L	
Suited for	1-3 family members, apartment, villa or small and medium house type has 1 bathroom.	For small and medium size family, which has 2-3 family members, it can be installed under apartment or small and medium house type which has 1 bathroom.	

① The flow rate will be different according to pressure drop. We use 0.3MPa pressure drop to calculate the data in the form.

② Continuous total softened water will be different according to the raw water hardness. We use 150mg/l to calculate the data in the form.

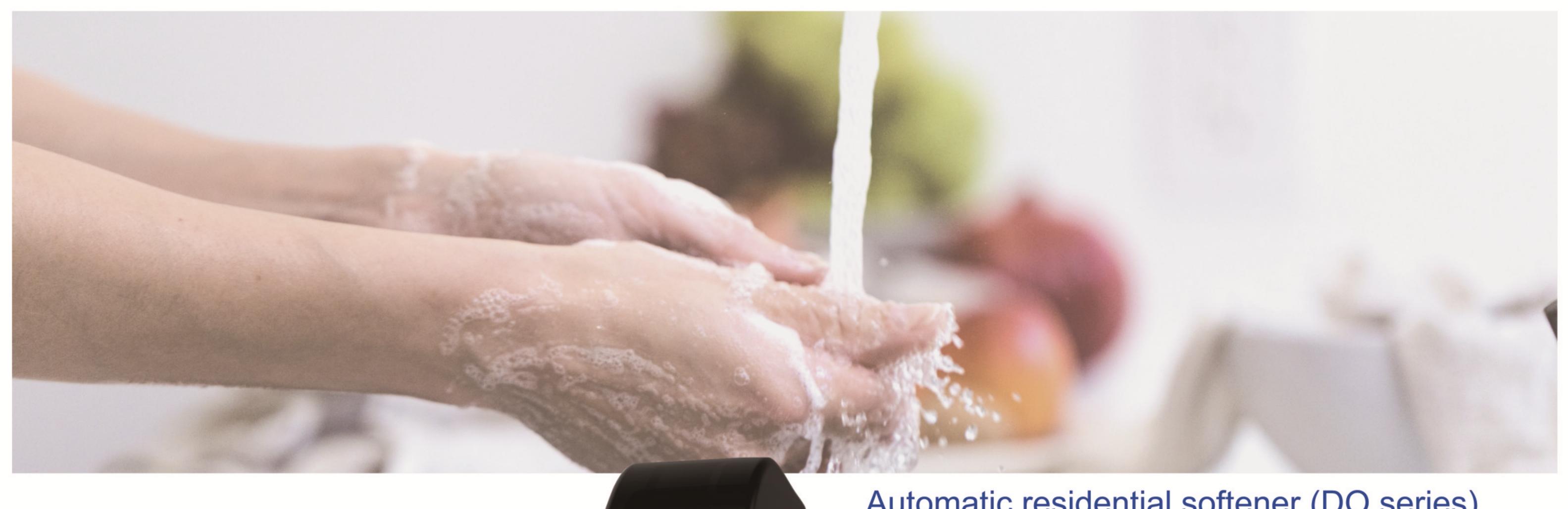




Automatic residential softener (D series)

Technical parameters		
Model	RL-R150D	RL-R200D
Suggested flow rate ^①	1.0~3.0 m³/h	1.0~3.5 m³/h
Resin tanks(in)	1035	1044
Resin volume	28L	36L
Continuous total ^② softened water	7 m ³	9 m ³
Overall size of cabinet (Length×Width×Height)	281X281X1036.5mm 281X281X1075mm	281X281X1305mm
Overall size of brine tank (Length×Width×Height)	281X281X910mm	281X281X1143mm
Outlet water hardness	≤0.6 mmol/L	≤0.6 mmol/L
Suited for	3-5 family members, apartment, small and medium house type has 1-2 bathroom.	1-8 family members, apartment, small and medium house type has 1-2 bathroom.
Remark	Brine tank is separated, need small installation space.	

- ① The flow rate will be different according to pressure drop. We use 0.3MPa pressure drop to calculate the data in the form.
- ② Continuous total softened water will be different according to the raw water hardness. We use 150mg/l to calculate the data in the form.



RL-R100DO

RL-R55DO



Technical parameters		
Model	RL-R55DO	RL-R100DO
Suggested flow rate ^①	0.5~1.0 m³/h	0.8~1.8 m³/h
Resin tanks(in)	0815	1017
Resin volume	7L	12.5L
Continuous total ^② softened water	1.6 m ³	3 m ³
Overall size of cabinet (Length×Width×Height)	258X230X525mm	281X281X628mm
Overall size of brine tank (Length×Width×Height)	258X230X390mm	258X230X390mm
Outlet water hardness	≤0.6 mmol/L	≤0.6 mmol/L
Suited for	1-3 family members, apartment, small and medium house type has 1 bathroom.	2-3 family members, apartment, small and medium house type has 1-2 bathroom.
Remark	Brine tank is separated, need small installation space.	

① The flow rate will be different according to pressure drop. We use 0.3MPa pressure drop to calculate the data in the form.



Automatic residential softener (DO series)

Technical parameters		
Model	RL-R150DO	RL-R200DO
Suggested flow rate ^①	1.0~3.0 m³/h	1.0~3.5 m³/h
Resin tanks(in)	1035	1044
Resin volume	28L	36L
Continuous total ^② softened water	7 m ³	9 m ³
Overall size of cabinet (Length×Width×Height)	281X281X1096mm	308X281X1326mm
Overall size of brine tank (Length×Width×Height)	258X230X910mm	281X281X1143mm
Outlet water hardness	≤0.6 mmol/L	≤0.6 mmol/L
Suited for	3-5 family members, apartment, small and medium house type has 1-2 bathroom.	1-8 family members, apartment, small and medium house type has 1-2 bathroom.
Remark	Brine tank is separated, need small installation space.	

①The flow rate will be different according to pressure drop. We use 0.3MPa pressure drop to calculate the data in the form.

②Continuous total softened water will be different according to the raw water hardness. We use 150mg/l to calculate the data in the form.



② Continuous total softened water will be different according to the raw water hardness. We use 150mg/l to calculate the data in the form.



RL-R100E

RL-R150E

Automatic residential softener (E series)

Automatic residential softener (E series)		
Technical parameters		
Model	RL-R100E	RL-R150E
Suggested flow rate ¹	0.8~1.8 m³/h	1.0~3.0 m³/h
Resin tank(in)	1017	1035
Resin volume	12.5L	28L
Continuous total ^② softened water	3 m ³	7 m ³
Overall size (Length×Width×Height)	490X371X582mm	492X410X1045mm
Outlet water hardness	≤0.6 mmol/L	≤0.6 mmol/L
Suited for	2-4 family members, apartment, villa or small and medium house type has 1-2 bathroom.	3-6 family members, apartment, villa or small and medium house type has 2 bathrooms.

①The flow rate will be different according to pressure drop. We use 0.3MPa pressure drop to calculate the data in the form.



RL-R150EO

RL-R100EO

②Continuous total softened water will be different according to the raw water hardness. We use 150mg/l to calculate the data in the form.

①The flow rate will be different according to pressure drop. We use 0.3MPa pressure drop to calculate the data in the form.

②Continuous total softened water will be different according to the raw water hardness. We use 150mg/l to calculate the data in the form.



Automatic residential softener (G series)		
Technical parameters		
Model	RL-R100G	RL-R150G
Suggested flow rate ^①	0.8~1.8 m³/h	1.0~3.0 m³/h
Resin tank(in)	1017	1035
Resin volume	12.5L	28L
Continuous total ^② softened water	3 m ³	7 m ³
Overall size of cabinet (Length×Width×Height)	435X410X603mm	440X408X1063mm
Outlet water hardness	≤0.6 mmol/L	≤0.6 mmol/L
Suited for	2-3 family members, apartment, villa or small and medium house type has 1-2 bathroom.	3-6 family members, apartment, villa or small business has 2 bathrooms.
Remark	3.5*LCD screen, touch type button	

① The flow rate will be different according to pressure drop. We use 0.3MPa pressure drop to calculate the data in the form.





① The flow rate will be different according to pressure drop. We use 0.3MPa pressure drop to calculate the data in the form.

② Continuous total softened water will be different according to the raw water hardness. We use 150mg/l to calculate the data in the form.



② Continuous total softened water will be different according to the raw water hardness. We use 150mg/l to calculate the data in the form.





RL-R100HO

RL-R150HO

Automatic residential softener (HO series)

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Technical parameters		
Model	RL-R100HO	RL-R150HO
Suggested flow rate ^①	0.8~1.8 m³/h	1.0~3.0 m³/h
Resin tank (in)	1017	1035
Resin volume	12.5L	28L
Continuous total ^② softened water	3 m ³	7 m ³
Overall size (length X Width X Height)	485X316X615mm	485X316X1070mm
Outlet water hardness	≤0.6 mmol/L	≤0.6 mmol/L
Suited for	For small and medium size family which has 2-4 members. It can be installed in the apartment/medium and small house type which has 1-2 bathroom.	For medium and large size family which has 3-6 members. It can be installed in the apartment/medium and small house type which has 2 bathrooms.

① The flow rate will be different according to pressure drop. We use 0.3MPa pressure drop to calculate the data in the form.



Automatic residential softener (I series)

Automatic residential softener (1 series)		
Technical parameters		
Model	RL-R100I	RL-R150I
Suggested flow rate ^①	0.8~1.8 m³/h	1.0~3.0 m³/h
Resin tank(in)	1017	1035
Resin volume	12.5L	28L
Continuous total ^② softened water	3 m ³	7 m ³
Overall size (length X Width X Height)	490X400X596mm	490X400X1055mm
Outlet water hardness	≤0.6 mmol/L	≤0.6 mmol/L
Suited for	For small and medium size family which has 1-3 members. It can be installed in the apartment/medium and small house type which has 1 bathroom.	For medium and large size family which has 3-5 members. It can be installed in the apartment, villa or small business which has 1-2 bathroom.
Remark	3.5" LCD screen,	touch type button

① The flow rate will be different according to pressure drop. We use 0.3MPa pressure drop to calculate the data in the form.

② Continuous total softened water will be different according to the raw water hardness. We use 150mg/l to calculate the data in the form.



② Continuous total softened water will be different according to the raw water hardness. We use 150mg/l to calculate the data in the form.



RL-R120J

RL-R80J

Technical parameters		
Model	RL-R80J	RL-R120J
Suggested flow rate ^①	0.8~1.5 m³/h	0.9-2.8m³/h
Resin tank(in)	0917	0935
Resin volume	11L	23L
Continuous total ^② softened water	2.5m ³	5.5m ³
Outlet water hardness	≤0.6 mmol/L	≤0.6 mmol/L
Overall size (length X Width X Height)	470X320X598mm	475X325X1055mm
Suited for	For small and medium size family which has 1-3 members. It can be installed in the apartment/medium and small house type which has 1 bathroom.	For medium and large size family which has 3-5 members. It can be installed in the apartment, villa or small business which has 1-2 bathroom.
Remark	3.5" LCD screen, touch type button	

①The flow rate will be different according to pressure drop. We use 0.3MPa pressure drop to calculate the data in the form. ②Continuous total softened water will be different according to the raw water hardness. We use 150mg/l to calculate the data in the form.



RL-R200L

1.0-3.5 m³/h

1044

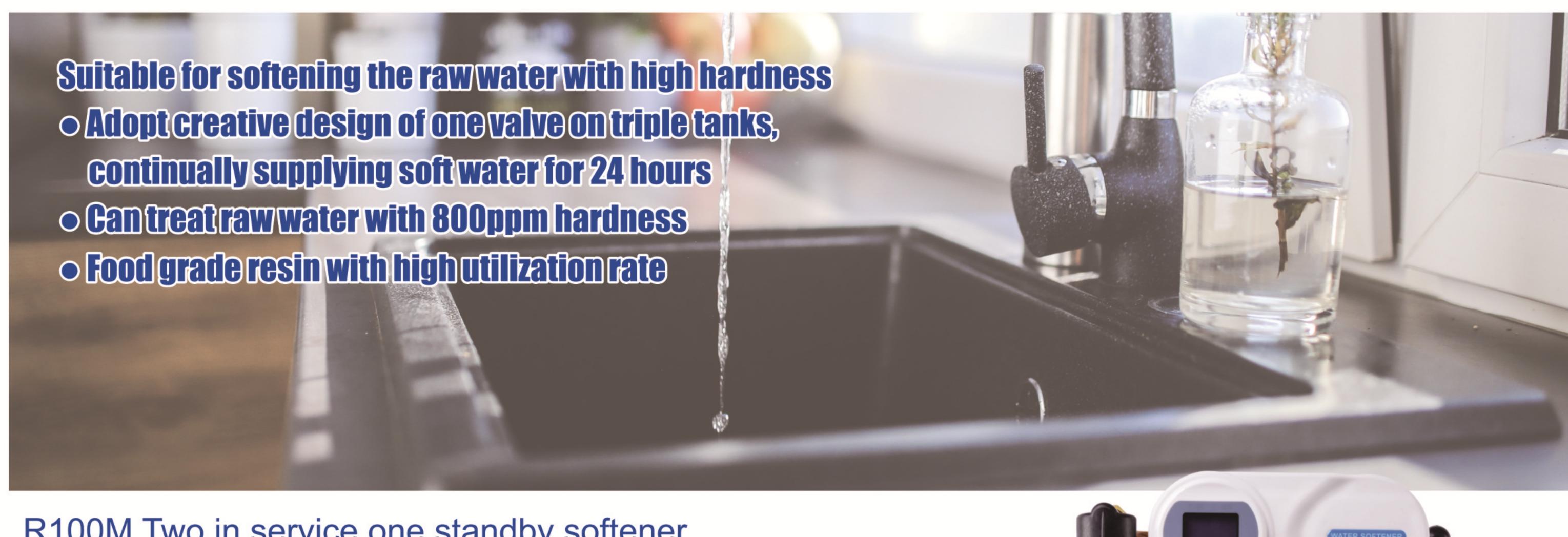
36L

9 m³

≤0.6 mmol/L

484X392X1300mm

② Continuous total softened water will be different according to the raw water hardness. We use 150mg/l to calculate the data in the form.

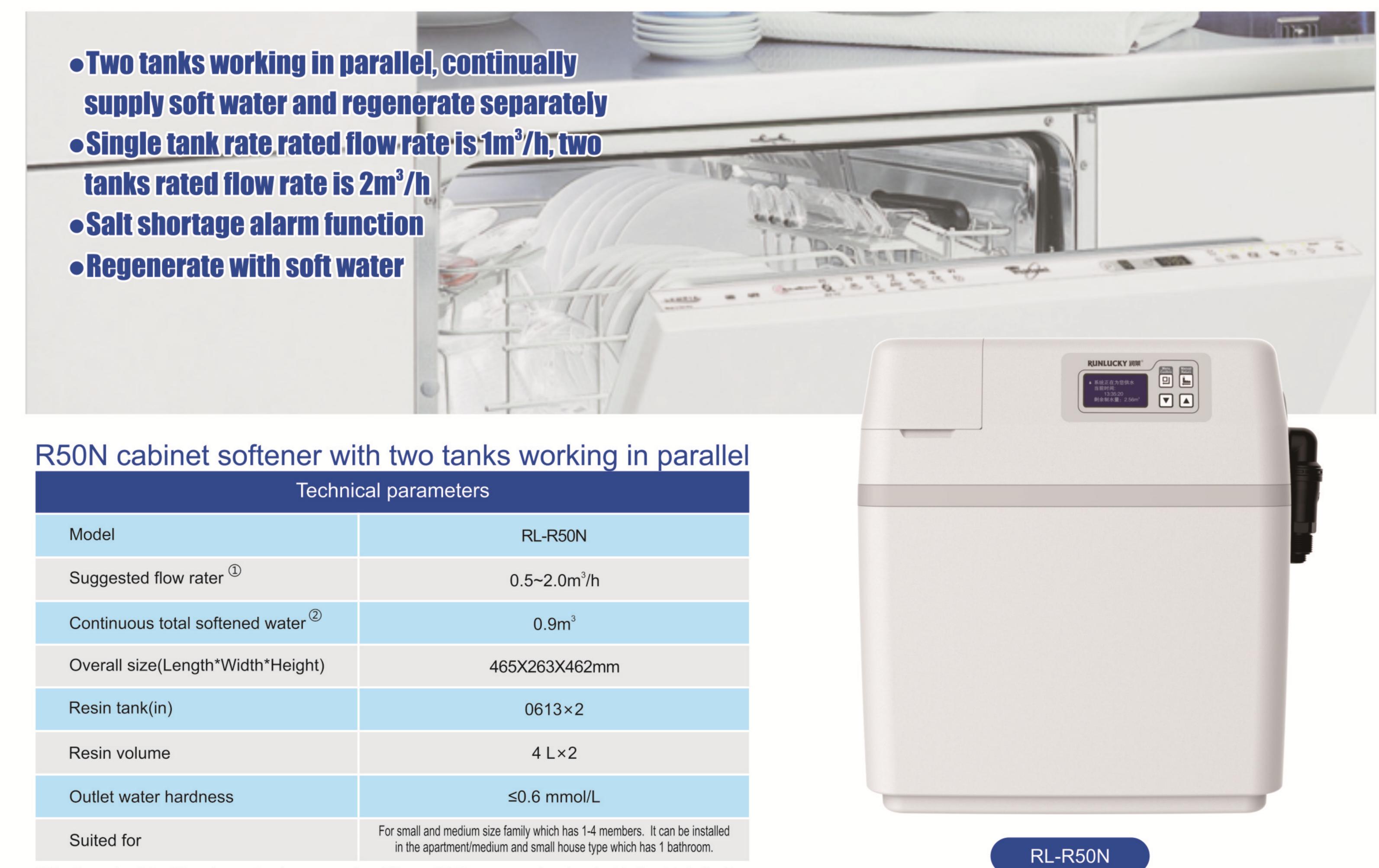


Technical parameters		
Model RL-R100M		
Suggested flow rater ^①	0.8~1.2m³/h	
Continuous total softened water ^② 2.8m³		
Overall size(Length*Width*Height) 587.8X402.8X523.5mm		
Resin tank(in) 0815×3		
Resin volume 7 L×3		
Outlet water hardness ≤0.6 mmol/L		
Suited for	For small and medium size family which has 1-4 members. It can be installed in the apartment/medium and small house type which has 1 bathroom.	

①The flow rate will be different according to pressure drop. We use 0.3MPa pressure drop to calculate the data in the form. ②Continuous total softened water will be different according to the raw water hardness. We use 150mg/l to calculate the data in the form.



RL-R100M



①The flow rate will be different according to pressure drop. We use 0.3MPa pressure drop to calculate the data in the form.
 ②Continuous total softened water will be different according to the raw water hardness. We use 150mg/l to calculate the data in the form.





RL-R90R

RL-R150R

Automatic residential softener (R series)

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	Technical parameters			
	Model	RL-R90R	RL-R150R	
	Suggested flow rate ^①	0.8~1.6 m ³ /h	1.0~3.0 m³/h	
	Continuous total softened water	2.7m ³	7.0m ³	
	Tank size(in)	1015	1035	
	Resin volume	11L	28L	
	Overall size (length X Width X Height)	320X456X543mm	320X456X1053mm	
	Suited for	For small and medium size family which has 1-3 members. It can be installed in the apartment/medium and small house type which has 1 bathroom.	For medium and large size family which has 3-5 members. It can be installed in the apartment, villa or small business which has 1-2 bathroom.	
	Inlet water pressure	0.15~0.6MPa	0.15~0.6MPa	

①The flow rate will be different according to pressure drop. We use 0.3MPa pressure drop to calculate the data in the form.

- Tricolor indicator light is set on the dust cover, indicating service, regeneration and salt shortage status
- Brine dry mode and vacation mode
- Salt shortage alarm function
- With intelligent leakage protection function
- Brine refill with softwater
- Brine draw proportionally

Automatic residential softener (S series)

Technical parameters			
Model	RL-R90S	RL-R115S	RL-R150S
Suggested flow rate ¹	0.8~1.6 m³/h	0.9~2.5 m³/h	1.0~3.0 m ³ /h
Continuous total softened water	2.7 m³	4.5 m ³	7.0 m ³
Tank size(in)	1015	1022	1035
Resin volume	11L	19L	28L
Overall size (length X Width X Height)	320X450X537mm	320X450X715mm	320X450X1047mm
Suited for	For small and medium size family which has 1-3 members. It can be installed in the apartment/medium and small house type which has 1 bathroom.	For small and medium size family which has 1-3 members. It can be installed in the apartment/medium and small house type which has 1 bathroom.	For medium and large size family which has 3-5 members. It can be installed in the apartment, villa or small business which has 1-2 bathroom.
Inlet water pressure	0.15~0.6MPa	0.15~0.6MPa	0.15~0.6MPa

①The flow rate will be different according to pressure drop. We use 0.3MPa pressure drop to calculate the data in the form.





②Continuous total softened water will be different according to the raw water hardness. We use 150mg/l to calculate the data in the form.

②Continuous total softened water will be different according to the raw water hardness. We use 150mg/l to calculate the data in the form.



RL-R150Q

RL-R90Q

RL-R60Q

Automatic residential softener (Q series)

Technical parameters			
Model	RL-R60Q	RL-R90Q	RL-R150Q
Suggested flow rate ¹	0.5~1.2 m ³ /h	0.8-1.6m ³ /h	1.0~3.0 m³/h
Continuous total softened water ²	1.8m³	2.7m ³	7.0m ³
Tank size(in)	0913	1015	1035
Resin volume	8L	11L	28L
Overall size (length X Width X Height)	450X320X555mm	450X320X606mm	450X320X1116mm
Suited for	For small and medium size family which has 1-3 members. It can be installed in the apartment/ medium and small house type which has 1 bathroom.	For small and medium size family which has 1-3 members. It can be installed in the apartment/medium and small house type which has 1 bathroom.	For medium and large size family which has 3-5 members. It can be installed in the apartment, villa or small business which has 1-2 bathroom.
Inlet water pressure	0.15~0.6MPa	0.15~0.6MPa	0.15~0.6MPa

①The flow rate will be different according to pressure drop. We use 0.3MPa pressure drop to calculate the data in the form. ②Continuous total softened water will be different according to the raw water hardness. We use 150mg/l to calculate the data in the form.

- Adopt double compressed activated carbon filter element working in parallel+softening, supplying filtered water and softened water;
- Disposable activated carbon filter element, quick and easy to replace;
- Regeneration with hard water bypass;
- Brine dry mode, brine draw proportionally, regenerate with soft water;
- Wi-Fi remote control, intelligent leakage protection;
- Vacation mode;
- Resin maintenance or replacement alarm function;
- Salt shortage alarm function;

Automatic residential softener (combined filtration and softening)

Technical parameters		
Model	RL-R120S	
Suggested flow rate ^①	0.8~2.0 m³/h	
Continuous total softened water ^②	5.5m ³	
Tank size(in)	0935	
Resin volume	23L	
Overall size (length X Width X Height)	520X355X1048mm	
Carbon rod specification	15 inch	
Inlet water pressure	0.15~0.6MPa	

①The flow rate will be different according to pressure drop. We use 0.3MPa pressure drop to calculate the data in the form.

②Continuous total softened water will be different according to the raw water hardness. We use 150mg/l to calculate the data in the form.







Automatic residential softener (T series)

Tech	nnical parameters		
Model	RL-R60T-F64B	R60T-F117Q3Y	
Suggested flow rate ^①	0.5~1.2 m ³ /h	0.5~1.2 m³/h	
Continuous total softened water	1.8 m ³	1.8 m ³	
Tank size(in)	0817	0817	
Resin volume	8L	8L	
Overall size (length X Width X Height)	475X265X535mm	450X320X567mm	

①The flow rate will be different according to pressure drop. We use 0.3MPa pressure drop to calculate the data in the form.

②Continuous total softened water will be different according to the raw water hardness. We use 150mg/l to calculate the data in the form.



Automatic residential softener (P series)

Technical parameters			
Model	RL-R55P		
Suggested flow rate ^①	0.5~1.0 m³/h		
Continuous total softened water	1.6 m ³		
Tank size(in)	0815		
Resin volume 7L			
Overall size (length X Width X Height)	430X240X506mm		

①The flow rate will be different according to pressure drop. We use 0.3MPa pressure drop to calculate the data in the form.





②Continuous total softened water will be different according to the raw water hardness. We use 150mg/l to calculate the data in the form.



Automatic residential softener (ZG series)

,			
Technical parameters			
Model	RL-R100A-ZG	RL-R150A-ZG	
Suggested flow rate ^①	0.8~1.8 m³/h	1.0~3.0 m³/h	
Continuous total softened water	3 m ³	7.0 m ³	
Tank size(in)	1017	1035	
Resin volume	12.5 L	28L	
Overall size (length X Width X Height)	450X314X623mm	450X314X1083mm	

- ①The flow rate will be different according to pressure drop. We use 0.3MPa pressure drop to calculate the data in the form.
- ②Continuous total softened water will be different according to the raw water hardness. We use 150mg/l to calculate the data in the form.
- It can not be sold in China, including Hong Kong, Macao and Taiwan regions





RL-R100A-ZG



450X320X1100mm

①The flow rate will be different according to pressure drop. We use 0.3MPa pressure drop to calculate the data

450X320X590mm

②Continuous total softened water will be different according to the raw water hardness. We use 150mg/l to calculate the data in the form.

Overall size (length X Width X Height)

● It can not be sold in China, including Hong Kong, Macao and Taiwan regions







①The flow rate will be different according to pressure drop. We use 0.3MPa pressure drop to calculate the data

RL-R100U

②Continuous total softened water will be different according to the raw water hardness. We use 150mg/l to calculate the data in the form.



Automatic residential softener (A2 series)

Technical parameters				
Model	RL-R100A2	RL-R150A2		
Suggested flow rate ¹	1.0~3.0 m ³ /h			
Continuous total softened water	7.0m ³			
Tank size(in)	1017	1035		
Resin volume 12.5 L 28L				
Overall size (length X Width X Height)	480X312X686mm	480X312X1146mm		

①The flow rate will be different according to pressure drop. We use 0.3MPa pressure drop to calculate the data in the form.



RL-R100A2





Automatic residential softener (A3 series)

Technical parameters			
Model	RL-R120A3		
Suggested flow rate ^①	0.8~1.5 m ³ /h	0.9~2.8 m³/h	
Continuous total softened water	2.5 m ³	5.5 m ³	
Tank size(in)	0917	0935	
Resin volume 11 L		23 L	
Overall size (length X Width X Height)	522X312X686mm	529X318X1146mm	

①The flow rate will be different according to pressure drop. We use 0.3MPa pressure drop to calculate the data in the form.



RL-R80A3

RL-R120A3

②Continuous total softened water will be different according to the raw water hardness. We use 150mg/l to calculate the data in the form.

②Continuous total softened water will be different according to the raw water hardness. We use 150mg/l to calculate the data in the form.



Automatic residential softener (V series)

Technical parameters			
Model	RL-R90V	RL-R150V	
Suggested flow rate ^①	0.8~1.6 m ³ /h	1.0~3.0 m³/h	
Continuous total softened water	2.7 m ³	7.0m ³	
Tank size(in)	1015	1035	
Resin volume	11 L	28L	
Overall size (length X Width X Height)	450X321X534mm	450X321X1044mm	

①The flow rate will be different according to pressure drop. We use 0.3MPa pressure drop to calculate the data in the form.

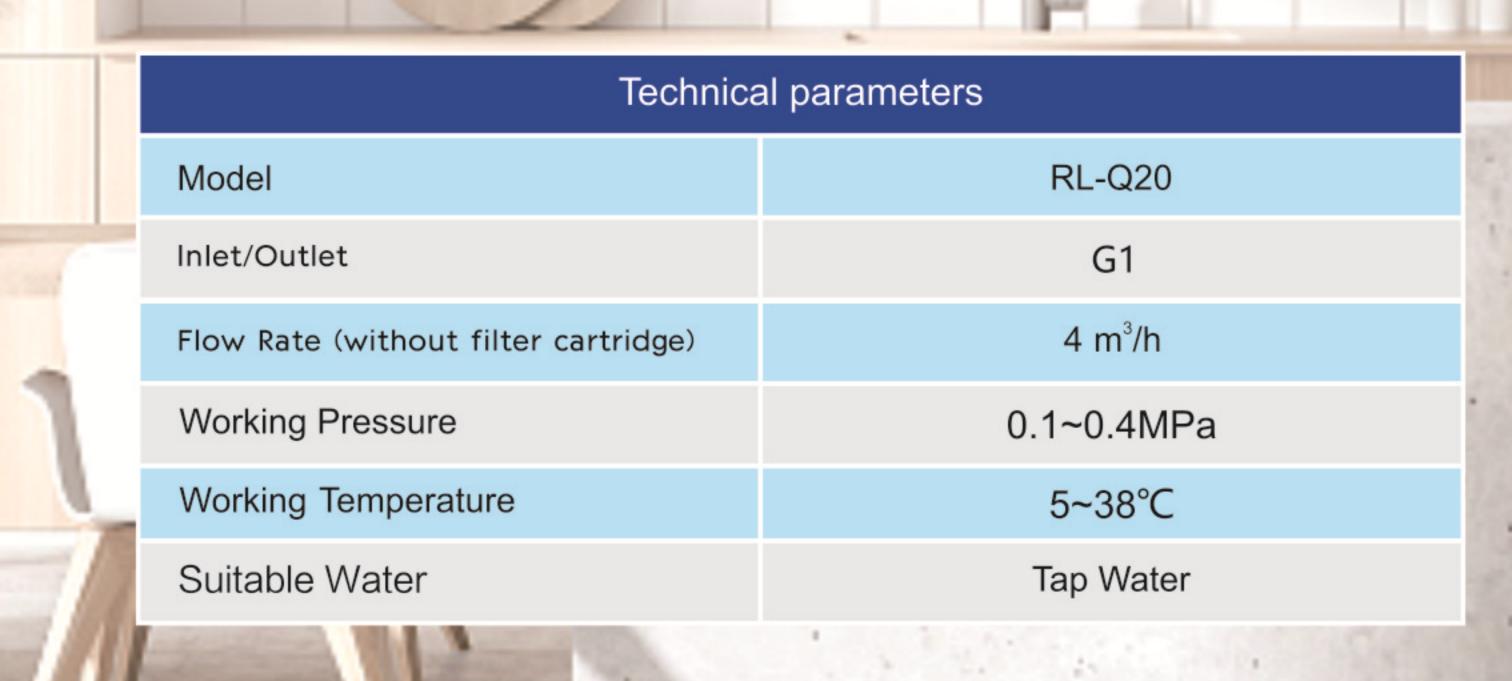


RL-R90V

RL-R150V

Muti- Functional and High Flow Filter Housing

- © Ceramic hermetic head faces structure
- Multiple choice of PP or carbon fiber composite filter element
- It combines with service, closed and bypass
- © Food grade compression resistance and explosion proof material
- The outlet is 3/8" connector, reserved for the end equipment
- Has pressure relief button, easy to remove the filter housing



RL-Q20

RUNLUCKY油菜

②Continuous total softened water will be different according to the raw water hardness. We use 150mg/l to calculate the data in the form.



Whole house water filter

Whole house water filter: remove the hazardous substance in thewater, such as chlorine, heavy metal, virus, organic matter, alga, suspended solids, etc. It can effectively solve the secondary water pollution and clean the water.

•				
Technical parameters				
Model	RL-J60DR	RL-J120DR	RL-J150DR	
Suggested flow rate ¹	0.6 m³/h	1.2 m³/h	1.5 m³/h	
Media tank(in)	1017	1035	1044	
Activated carbon volume	7L	22L	31L	
Sand volume	4L	4L	4L	
Inlet /Outlet size	3/4"	3/4"	3/4"	
Inlet water pressure	0.15~0.6MPa	0.15~0.6MPa	0.15~0.6MPa	
Overall size (length X Width X Height)	281X281X566mm	281X281X1075mm	281X281X1305mm	







Technical parameters					
Model	RL-J60DN	RL-J120DN	RL-J150DN		
Suggested flow rate ^①	0.6m³/h	1.2 m³/h	1.5m³/h		
Activated carbon volume	7L	22L	31L		
Sand volume	4L	4L	4L		
Media tank(in)	1017	1035	1044		
Inlet & Outlet size	3/4"	3/4"	3/4"		
Overall size (length X Width X Height)	281X281X604mm	281X281X1074mm	281X281X1303mm		
Inlet water pressure	0.15~0.6MPa				

① The flow rate will be different according to pressure drop. We use 0.3MPa pressure drop to calculate the data in the form.





Whole house water filter

Trible field water filter						
Technical parameters						
Model	RL-J55S	RL-J120S				
Suggested flow rate ^①	0.5-1.2 m ³ /h	0.8-2.0 m ³ /h				
Activated carbon volume	10L	22L				
Sand volume	/	4L				
Media tank(in)	1015	1035				
Inlet & Outlet size	3/4"	3/4"				
Overall size (length X Width X Height)	380X300X537mm	380X300X1047mm				
Inlet water pressure	0.15~0.6MPa					

① The flow rate will be different according to pressure drop. We use 0.3MPa pressure drop to calculate the data in the form.

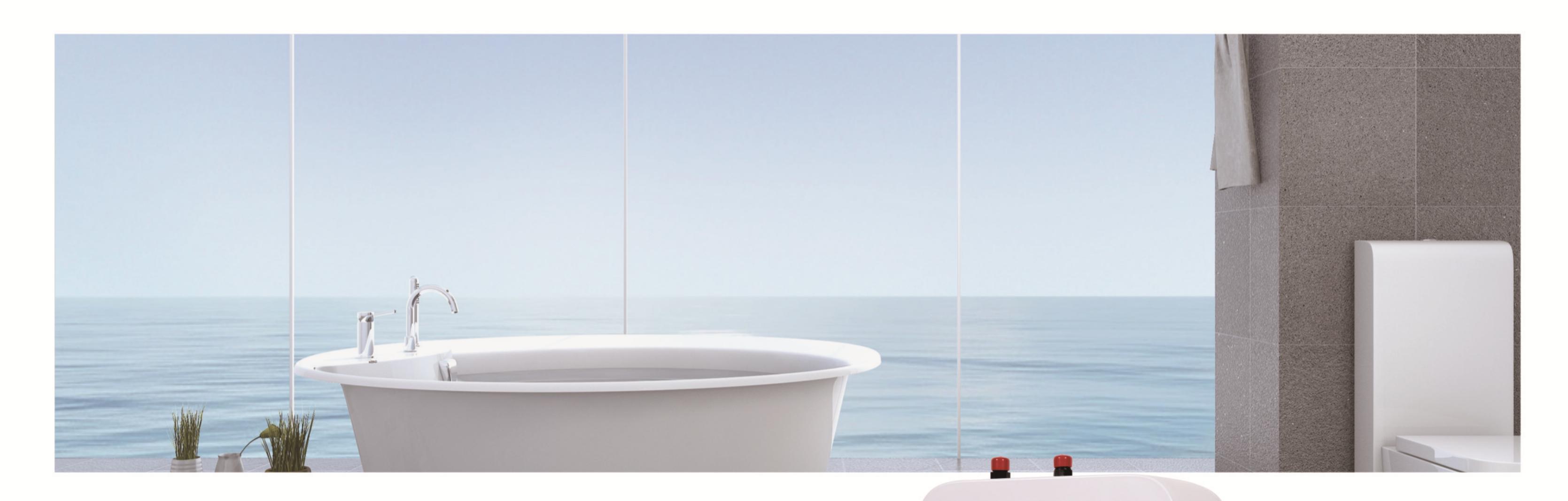




Whole house water filter

Technical parameters								
Model	RL-J60Q	RL-J120Q	RL-J55V	RL-J120V				
Suggested flow rate ^①	0.6-1.5 m ³ /h	0.8-2.0 m ³ /h	0.5-1.2 m ³ /h	0.8-2.0 m ³ /h				
Activated carbon volume	7L	22L	8.5L	22L				
Sand volume	4L	4L	1.7L	4L				
Media tank(in)	1017	1035	1017	1035				
Inlet & Outlet size	3/4"	3/4"	3/4"	3/4"				
Overall size (length X Width X Height)	360X318X588mm	360X318X1049mm	360X318X539mm	360X318X1049mm				
Inlet water pressure	0.15~0.6MPa							

①The flow rate will be different according to pressure drop. We use 0.3MPa pressure drop to calculate the data in the form.



Shower Softener Patent No.: 201510283211.5

Leakage protection

Salt shortage alarm

Patented regeneration

Top level resin

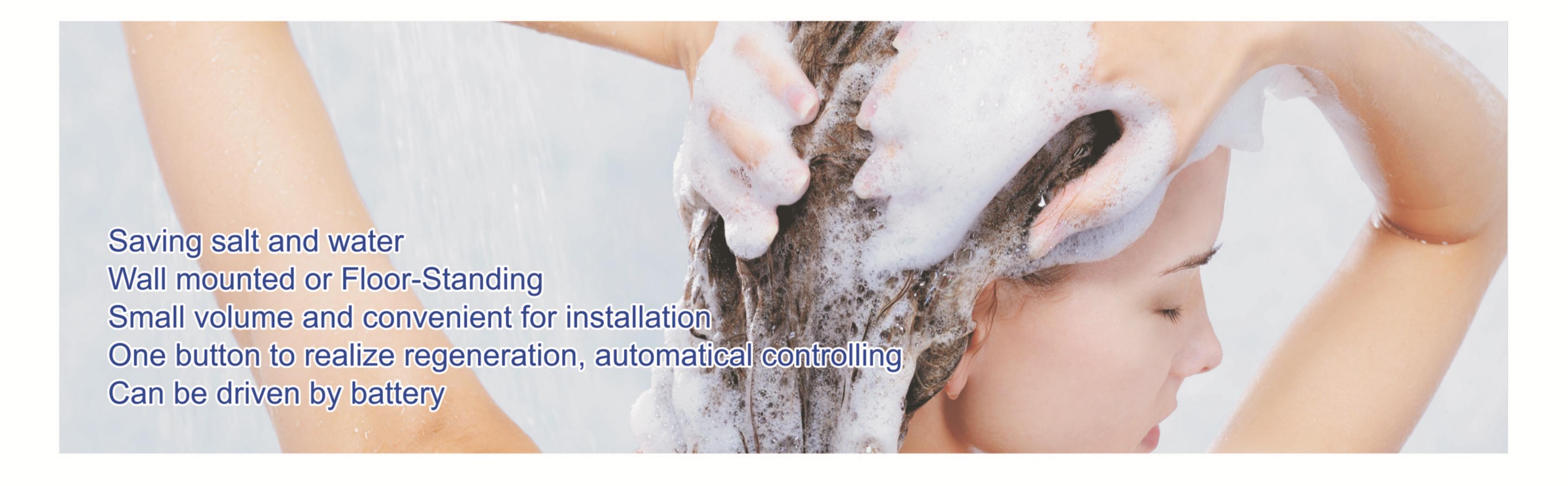
Technical parameters				
Model	RL-R50			
Suggested flow rate	0.6 m ³ /h			
Inlet /Outlet size	G1/2			
Inlet water pressure	0.15~0.6MPa			
Overall size	350X191X512mm			





RL-R50



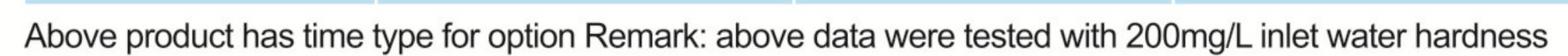


Shower Softener

Patent No.:ZL201420771580.x ZX201520309106.x

Patented design and dynamic regeneration, increasing above 30% effect

Name	Shower softener with single tank	Shower softener combined filtration and softening	Shower softener with double tank	Shower softener with multi regeneration times
Model	RL-R50/M1B3	RL-R50/M5B3	RL-R50/M3B3	RL-R50/M6B3
Rated flow	0.3m³/h	0.5m³/h	0.6m³/h	0.6m³/h
Water treatment capacity	750L	750L	1500L	5500L (6 times)
Environment temperature	5°C-70°C	5°C-70°C	5°C-70°C	5°C-70°C
Raw water	City Municipal Tap Water	City Municipal Tap Water	City Municipal Tap Water	City Municipal Tap Water
Product size	620mm*167mm*180mm	612mm*316mm*172mm	612mm*316mm*172mm	612mm*316mm*172mm







Automatic backwash disk prefilter Patented design

Patent No.: ZL201620552465.2 ZL201120052378.8

OHave high efficiency of intelligent backwash function whose backwash cleaning rate is more than 30% compared with traditional product.

© Filter core is installed upside down, the dirt could be cleaned out maximally.

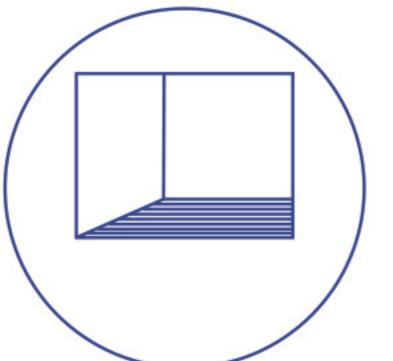
 With intelligent water leakage preventation design, ensuring safety water using for a family

Animated connector, could be rotated 360°, convenient for pipeline connection.

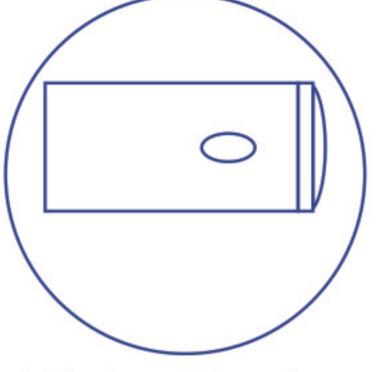
Flashlight function: press any key, LED lights up

The outlet equipped with micro pressure drop check valve which can prevent the water back when the water does not supply.

With Long lifetime and no need to replace the filter core during the usuage



Floor heating



Water Heater



Washing Machine



Water filtration starts from the begining raw water











RL-Q02A

RL-Q01A



(RL-Q02BS) Manual type

Model	Rated flow rate	Filtration precision	Filter core	Inlet water pressure	Product size (mm)	Transformer	Installation way
RL-Q01A	1.5 m ³ /h	50µm	Disk	0.1~06MPa	190*244*298	DC12V/1.5A	Upside down
RL-Q01AS	1.5 m³/h	50µm	Disk	0.1~06MPa	200*244*279	None (Manual type)	Upside down
RL-Q02A	2.5 m ³ /h	50µm	Disk	0.1~06MPa	249*302*358	DC12V/1.5A	Upside down
RL-Q02BS	2.5 m ³ /h	50µm	Disk	0.1~06MPa	256*274*372	None (Manual type)	Upside down





Disk prefilter with new appearance

High Efficient backwash Intelligent leakage protection function

Selected in final competition of 2019 Red Dot Design





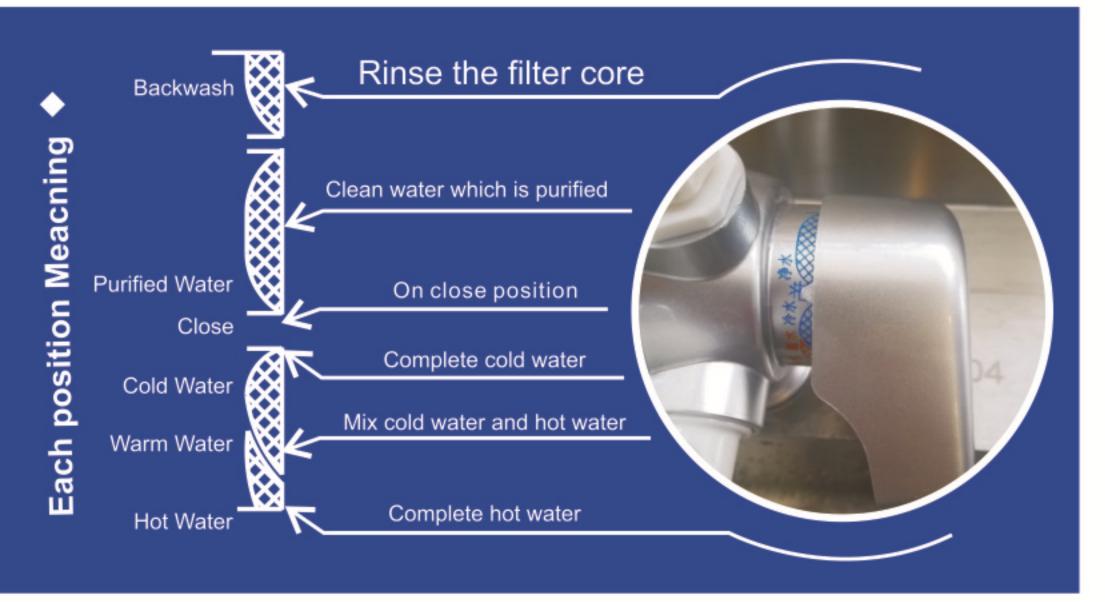
RL-Q02B

Model	Water capacity	Filtration precision	Filter core	Inlet water pressure	Product size (mm)	Transformer	Installation way
RL-Q02B	2.5m³/h	50µm	Disk	0.1~06MPa	246*302*372	DC12V/1.5A	Upside down



backwashing, purifying water, adjusting temperature, etc.

- Different flow channel for raw water and purified water, can supply different quality water
- Can adjust the flow rate
- With the function of backwashing
- the filtration precision can reach 1µm



Model	Inlet Water	Rated water treatment capacity	Rated flow rate	Outlet water quality	Filtration precision	Inlet water pressure	Overall size (Length * Width*Height)
RL-W02	Tap water	2500L/filter core (PE filter core)	1L/M	Meet the requirements of Sanitary Standard for Domestic Drinking Water (2001)	1µm	0.1~0.3Mpa	240mm×232mm×110mm

Remark: Assume a family with three people and each day purified water consumption 16Kg, the rated water treatment capacity for PE filter core is 2500L which can be used formore than 5 month; Also, we offer an auxiliary filter core, that means it can be used around 1 year (after the filter core is used up, you can buy the filter core from the local dealers)



Basin cold & hot water faucet

Residential Cold & Hot Washbasin Tap

Replace Copper with Plastic,

Meant to Be Unique

Open and Close with

Ceramic Core

Enjoy Lead Free Life



Manual Water Purifier

Resolve drinking water in remote areas, field operations, emergency situations, etc.

- O High-precision PP cotton + ultra filtration device, effectively filtering harmful substances in water
- The filter shell adopt quick connection, easy to clean
- The pressure pump is integrated, saving operation and labor

Technical parameters				
Model	RL-W20			
Flow rate	1.5L/min			
Filtration precision	0.01µm			
Filter element	PP+UF			
Product size(mm)	320x78x350			
Suitable water source	Surface water or ground water			



F104K Ceramic Hermetic Head Faces Auto Shut-off Valve

- © Ceramic hermetic head faces structure, good wear resistance, and durability
- The valve body is designed with a copper integrated three-way design, which can

be connected to the RO pipeline

- Auto shut-off when water leaking
- Waterproof design, prevent internal circuit corrosion





C600D R0 System

- ©600G large flux, filtered water for drinking directly
- The integrated waterways adapts the patented ceramic core check structure, convenient for disassembling the filter element
- with two-way non-return
- Intelligent regulation of waste water ratio
- Innovative pure water reflux design, reduce the TDS value of the first glass of water
- Quiet design, low noise during service



C100 R0 System

- Our Universal filter element, low maintenance cost
- Meet the flow requirements of 100–600G
- © Large screen display, more intuitive interface
- © Food grade filter shell, safer to use

Patent Number: CN202121449812.6





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Pressure reducing valve

- Straight flow channel, small flow resistance
- With the functions of reducing and stabilizing pressure
- Compact structure and easy operation
- Thickened HPb59-1 copper material,
 resistant to pressure and water hammer

Technical parameters				
Model	F128			
Appearance dimension	62X55X148mm			
Inlet/Outlet	G3/4			
Applicable water pressure	0.1-0.4Mpa			
Applicable temperature	5-60°C			
Influent turbidity	< 1FTU			

Application:

Used for reducing and stabilizing pressure of municipal tap water, ensuring the safety of appliances and pipeline.



Wireless auto shut-off valve

- Wireless layout of monitoring points
- Multi-point intelligent monitoring
- Remote sensing
- Power failure protection
- © Electricity shortage alarm

Technical parameters						
Model	F104H	F104I				
Size	3/4"	1"				
Power Adapter Intput	100~240V AC	100~240V AC				
Environment Temperature	5-50°C	5-50°C				
Power Adapter Output	DC 12V	DC 12V				
Built-in Battery Parameters	2800mAh/7.4	2800mAh/7.4				





