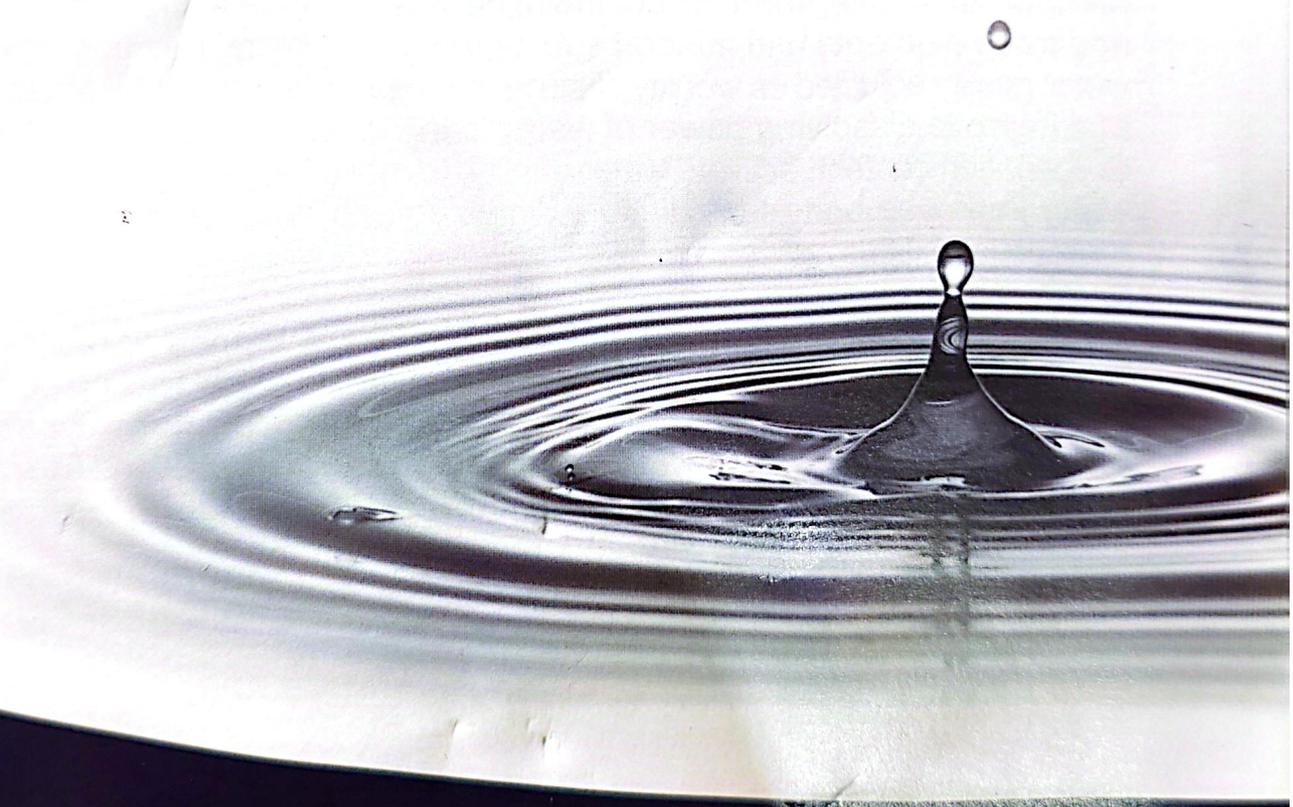




# Household water purification machine Installation and use instruction book

**suit for** UF05 / UF06 / UF05A / UF05B



Water  
Quality  
ASSOCIATION  
MEMBER

Thank you very much for choosing our products, Please read the instructions carefully before use



## Product introduction

Our company UF series water purification machine as water treatment equipment used municipal tap water as inlet source, and processed second time deep purification. This series water purification machine includes two board categories: five steps purification and six steps mineralization. The respective character like this: five steps purification: filtrate impurity and harmful substance, process deep purification till it can be for direct drinking and keep the original mineral substance and other nutrient content. Six steps mineralization: filtrate impurity and harmful substance, keep the original mineral substance at the same time add trace elements and mineral substance for essential nutrition, make water quality adjusted as weakly alkaline, change water molecular structure and improve dissolving power of water, release negative ions, increase oxygenation content, activate water quality, to make the mineral substance water improved body's circulation, digestion and absorption and other metabolic abilities.

Our company UF series water purification machine employed multistep filtration to remove the harmful substance of water; physical filtering purely and no any chemical pollution; high-precision purification, large capacity, save water; manual washing, prevent blockage effectively, extend filter life. No electricity, employ natural pressure of raw water to work, simple installation use, energy saving and environmental protection.

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## A Product introduction

### 1 main technical specifications

NO.	Item	Technical specifications		
		UF05	UF06	UF05A
1	type			
2	name	UF water purification machine	UF luxurious water purification machine	
3	Water application	municipal tap water		
4	Water pressure application	0.1-0.4mpa		
5	Water temperature application	Cool water, temperature 5-40°		
6	Environment application	temperature 5-40°, ≤90%		
7	Water quality	Accord with ≤ living and drinking water quality treater health security and function value disciplines—common water quality treater ≥ (2001) drinking water requirement		
8	Net water flow qty	200L/H		
9	Rated net water flow qty	2m³		

### 2 main filter unit and function

NO.	Filter type	Main function	Using period
A	PP cotton filter	Filtrate rust, sludge, hair, stone, flitage	3-5 months
A <sub>1</sub>	Korean-PP fabric filter		
B	GAC(UDF) carbon filter	Remove Cl, chloroform, bleach, pestic ide and chemcials to change color, smell, improve taste	6-8 months
B <sub>1</sub>	Korean-KDF coconut charcoal filter		
C	CTO carbon rob filter	Filtrate and absorb extra Cl of water, change color, smell	6-8 months
D	UF ultrafilter fim filter	Filtrate precision 0.01um, remove bacteria, glue, macromoleculer organism	12-18 months
D <sub>1</sub>	Korean ultrafilter filter		
E	Coconut carbon filter	Absorb peculiar smell, improve taste	6-8 months
E <sub>1</sub>	Korean- Silver loaded Crystalite carbon filter	Remove peculiar smell, improve taste, and minimize bacterial growth	
F	Net Mineral magnetic activated filter	Mineralize and clean water quality, adjust water PH value	6-8 months
G	Nanometer energy filter	Change molecule cluster structure, activate water quality and release minerals and microelement benefit for body	6-8 months
H <sub>1</sub>	Korean- Ion exchange filter	Soften water, decrease water hardness, prevent scale formation	6-8 months

### 3 selectable filter unit

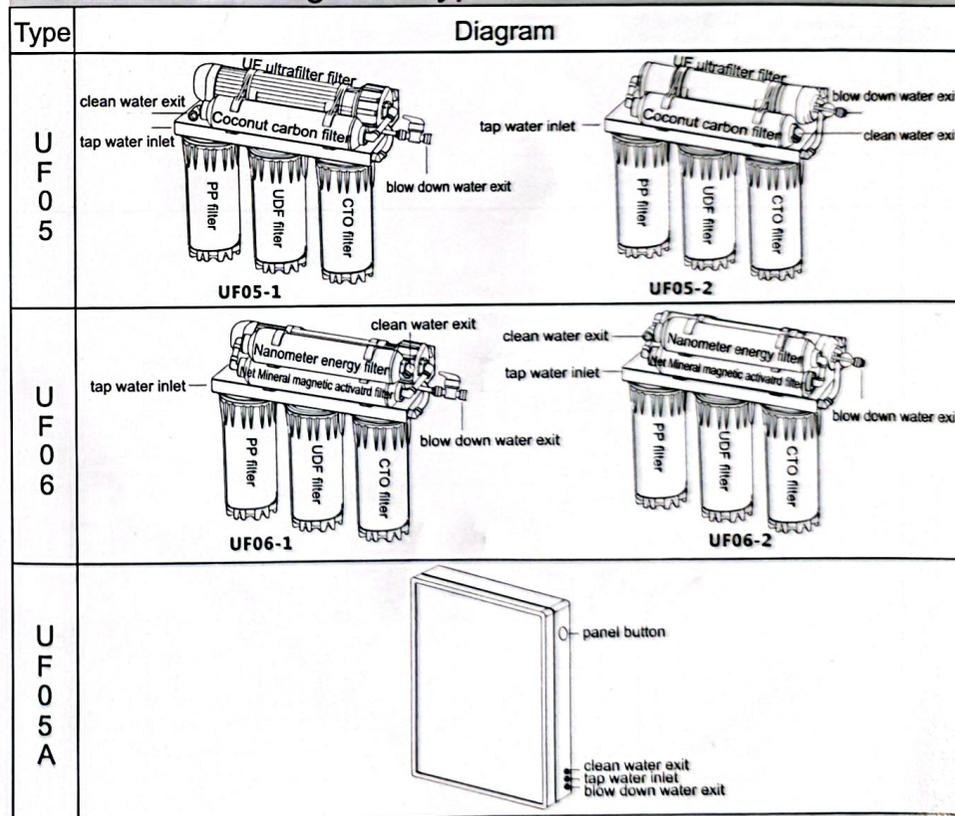
NO.	Filter type	Main function	Using period
H	UDFR soften prevent scale formation filter	Soften water, decrease water hardness, prevent scale formation	6-8 months

## 4 Filter configuration of all types

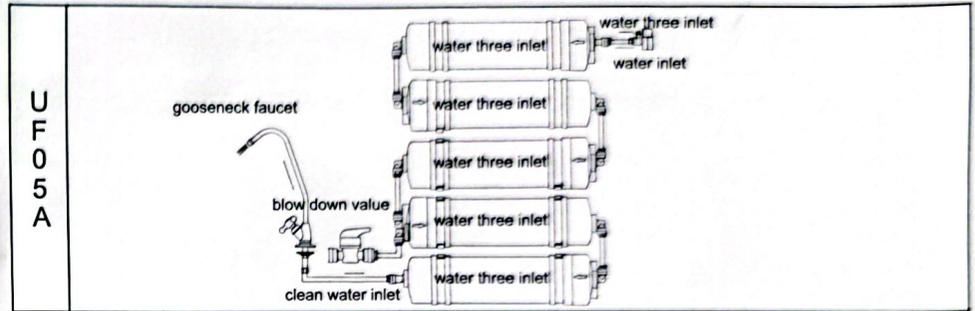
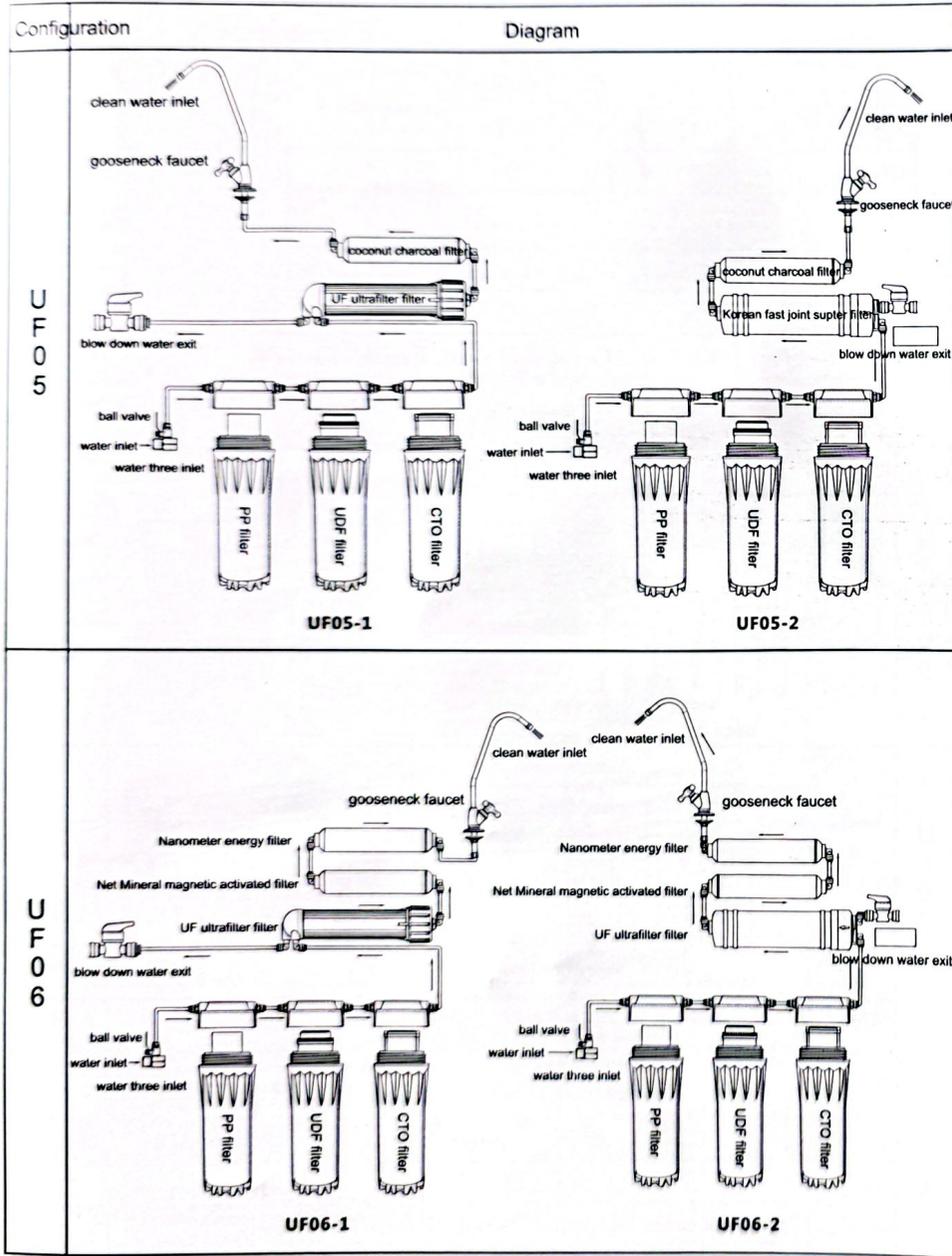
Configuration Type	First step	Second step	Third step	Fourth step	Fifth step	Sixth step
UF05	A	B	C	D/D <sub>1</sub>	E	
UF06	A	B	C	D/D <sub>1</sub>	F	G
UF05A	A <sub>1</sub>	B <sub>1</sub>	H <sub>1</sub>	D <sub>1</sub>	E <sub>1</sub>	

Configuration Type	First step	Second step	Third step	Fourth step	Fifth step	Sixth step
UF05-R	A	H	C	D	E	
UF06-R	A	H	C	D	F	G

## 5 Outline drawing of all types



6 Filter processure of all types 5.UF ultrafilter film installation



7 Main filters and the installation instructions

Type	Filter configuration	Installation diagram
	<p>PP filter</p> <p>GAC(UDF) filter</p> <p>CTO filter</p>	
	<p>quick joint filter</p>	

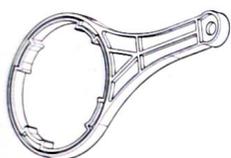
8 Fittings



Overall three-way ball valve



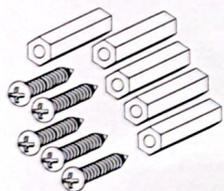
gooseneck faucet



filter canister spanner



UF housing spanner



self-tapping screw



tap hanging panel



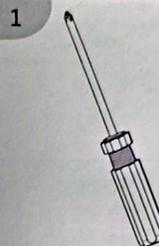
PE pipe line

Note: above fittings accord with different configuration specific in kind prevail.

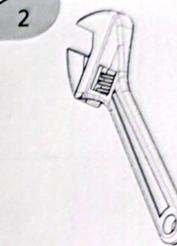


B Installation

1 Installation tools and consumables



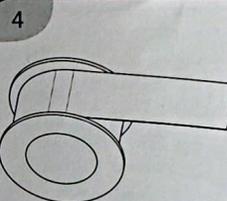
screwdriver



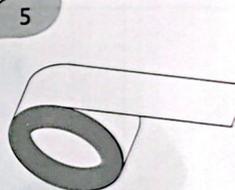
adjustable wrench



knife



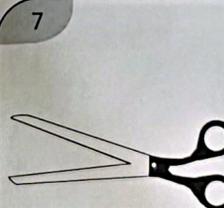
raw material belt



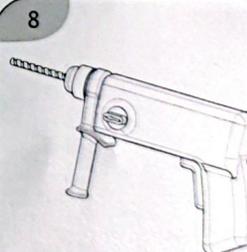
electrical tape



hole digger



scissor

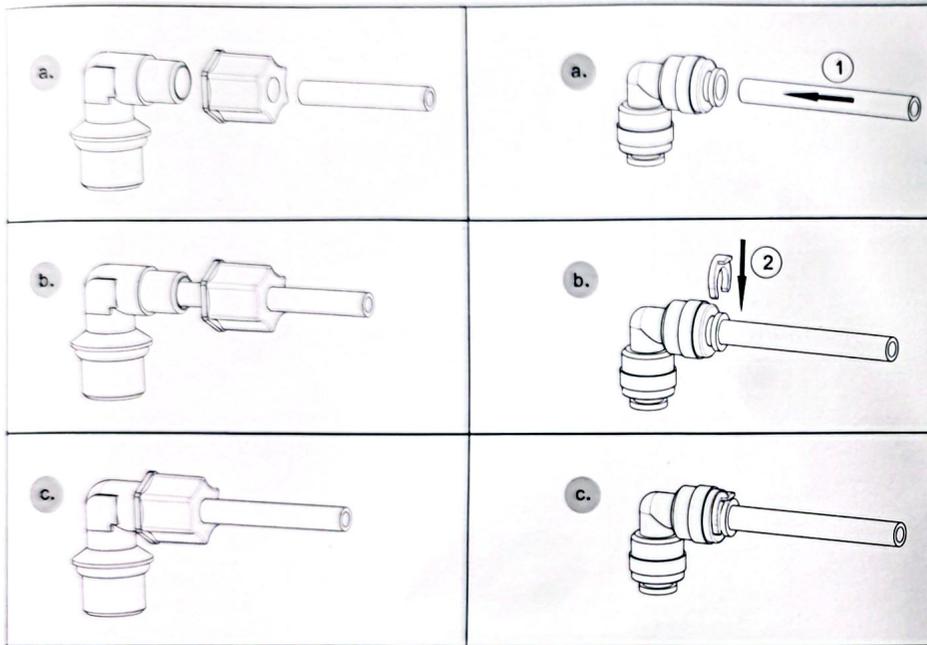


electric drill

## 2 Pipe line and joint connection method

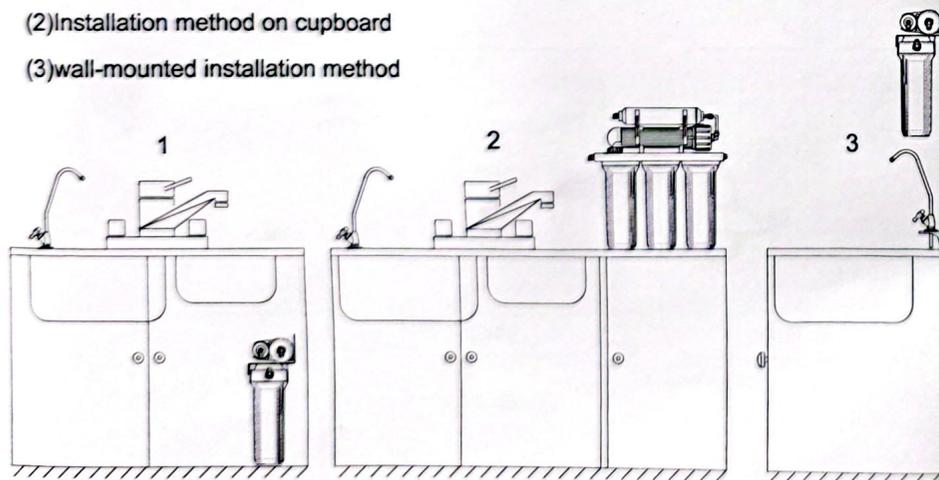
(1) Common screwed nipple

(2) Quick joint



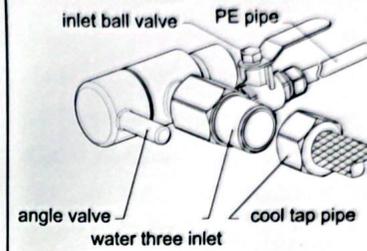
## 3 Installation method

- (1) Installation method under cupboard
- (2) Installation method on cupboard
- (3) wall-mounted installation method



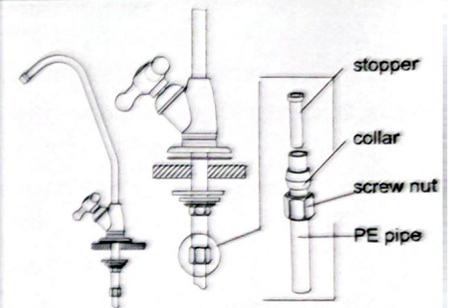
## 4 Installation

1. Inlet installation

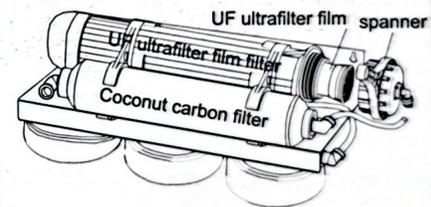


Install or replace filter, hand grip turn upright position, turn off inlet ball valve, turn it on after installation

3. Tap installation



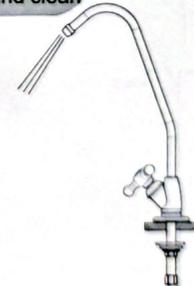
5. UF ultrafilter film installation



6. Filter installation



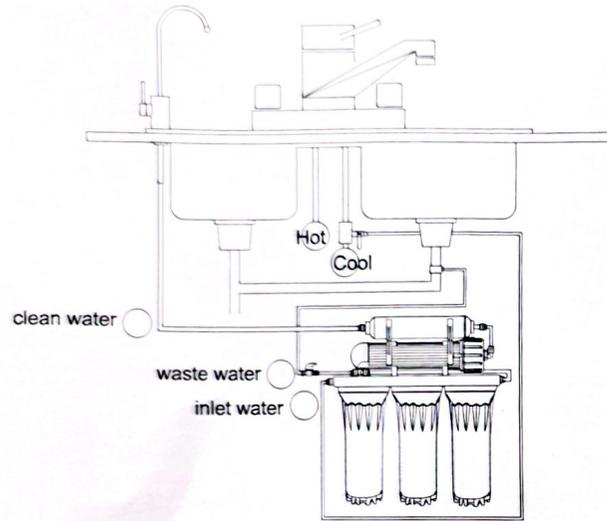
8. Wash and clean



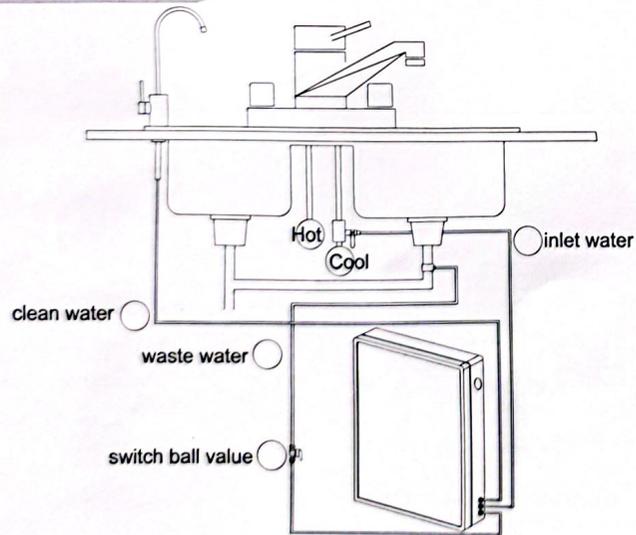
Install or replace filter the first time, turn on tap and wash after 10 minutes, wait for clear water then can drink.



## Complete machine connecting method



## Complete machine connecting method



## C Debugging and usage

### 1 debugging method

At first confirm water line connect no fault and the water supply. Second debug machine as blow:

- 1 turn on tap input valve and machine inlet ball valve, first turn on down value and wash first four filters, after clean water, turn off down value, again turn on tap wash 10 minutes, after clean clear water and no peculiar smell, then turn off tap
- 2 turn off tap, check machine each joint carefully, if there is leakage at the joint of film covers or filters
- 3 when everything is confirmed, machine may use safely

### 2 usage method

- 1 the machine main part is plastic, please check if the machine intact or not to keep safe usage.
- 2 to avoid UF microbial pollution in the process of store and deliver UF, new UF contain a bit of protective liquid, otherwise there is carbon powder washed together when. postpositive carbon filter filtrate water for the first time, so wash machine and wait for clean water and no peculiar smell then may use for the first time usage.
- 3 suggest if use machine for one week, turn on down valve and wash 2-3 minutes, specifically, depend on using water quantity and water quality.
- 4 suggest to use machine twice one week at least, avoid UF microbial pollution and cause of smelly water due to long time out of work.



### 3. Notice for use

- (1) Before install or replace filter, turn off water supply
- (2) Open water supply after install machine, confirm if there's leakage water
- (3) Make water when the first filter will be installed or replaced, turn on blow down valve and wash after 10 minutes, turn on tap and wash after 10 minutes, then for normal use.
- (4) Please replace filter follow suggestion, if big capacity or worse quality water, need to reduce filter using period follow practical conditions, please replace filter in time.
- (5) Please install the machine in the place without direct sunlight, keep temperature within 5-40° environmental temperature, please keep the place ventilated and dry.
- (6) The machine only suit for cool water application, temperature for 5-40°
- (7) The machine only suit for raw water pressure within 0.1-0.4mpa, over 0.5mpa raw water, please install reducing valve in order to suit for application
- (8) Under unstable water pressure of secondary pressurization for high floor, please install reducing valve in order to suit for application
- (9) Please turn off water supply; no use over 5 days, please do turn off water supply; turn on blow down valve and tap separately and wash machine
- (10) Please keep out of reach of children
- (11) Don't install and repair without professional or professional guidance, avoid to personal hurt and property damage.
- (12) Please contact local dealers or maintenance point to consult and repair.

### D common fault analysis and troubleshooting

fault	possible causes	solutions
No water Less water	Inflow water pressure too low	Increase water pressure
	Prepositive filter's blocking	Wash or contact local distribution branch, replace filter in time
	Ultrafilter's blocking	Wash and clean contact local distribution branch, replace filter in time
Water leakage	Loose joint	Stop water supply and contact local distribution branch, repair in time
	Crack of pipe and fittings	Stop water supply and contact local distribution branch, repair in time
Water taste unrefresh	ineffective Postpositive active carbon	contact local distribution branch, replace filter in time
Low water quality	Ultrafilter's broken	contact local distribution branch, replace filter in time
Easy to dirty filter	raw water supply too dirty	contact local distribution branch, replace filter in time

Enjoy clean and healthy life