

说明书菲林制作单

物料编码	16163000A26251
型 号	JL1643S-UF
名 称	说明书
印刷颜色	黑色印刷
材 料	80g双胶纸
尺 寸	145*210mm
设计/日期	梁嘉敏 2021-1-11

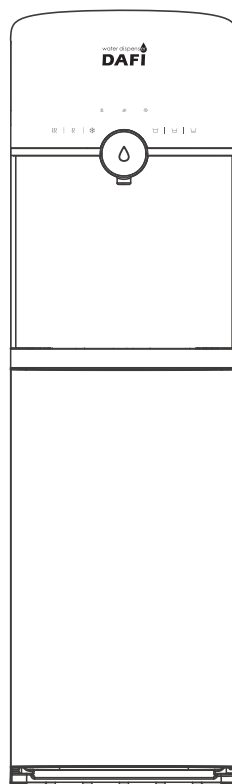
water dispenser

DAFI

Advanced Water Treatment Solutions

DIRECT DRINKING
WATER PURIFIER

Model: JL1643S-UF



* The cover picture is an effect drawing of product, the object shall prevail.

* Before using the product, please read the manual carefully and keep it in a good place.

1. Precaution

1-1. Safety Issues

Please note the following brief icons and rules for safe use of this product



Troubleshooting

When the machine fails, please disconnect the power and water source immediately



Maintenance

Never remove the parts on the machine to avoid leakage or damage



Avoid contact with children

Never have the machine operated by a child



Temperature

Please use the product in a dry place with the temperature of 4–43°C



Electricity prevention

To avoid leakage of electricity.



Accessories and filters

To maintain the normal operation of the machine, be sure to use accessories and filters supplied by original company



Emergency call

For any help, please call the local sale service center or the national service hotline



Correct repair service

This machine can only be repaired by qualified personnel designated by this company



Avoid direct sunshine

Do not install the machine in a place exposed to direct sunshine



Anti-freeze

Never store or expose the product in an environment less than 0°C

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.

If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.

This appliance is intended to be used in household and similar applications such as staff kitchen areas in shops, offices and other working environments; farm houses and by clients in hotels, motels and other residential type environments; bed and breakfast type environments; catering and similar non-retail applications.

The appliance is suitable for indoor use only.

WARNING: Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.

WARNING: Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.

The appliance must not be immersed.

WARNING: To avoid a hazard due to instability of the appliance, it must be fixed in accordance with the instructions.

The appliance must not be cleaned by a water jet.

The appliance must not be immersed.

This product is not recommended to use in areas above 1,500m altitude.

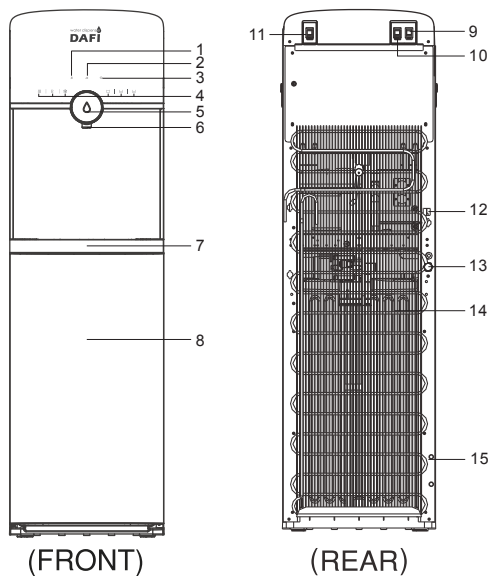
1. Precaution

1-2. Packing List

Packing box	Direct drinking water purifier (1set) 1/4 " PE pipe (3m)	
Materials bag	User's Manual (1copy)	
Materials bag	6/8"-2/8" connector(1pc) bracket(1PC)	
Filter	PP sediment filter (1pc) C2 active carbon filter (1pc)	C1 active carbon filter (1pc) UF filter (1pc)

2. Your Direct Drinking Water Purifier

2-1. Part Name of Water Purifier



NO.	PART NAME
1	heating pilot lamp
2	cooling pilot lamp
3	filter lamp
4	dispenser controls panel
5	water button
6	spout
7	water collector
8	door
9	heating switch
10	cooling switch
11	Filter reset switch
12	power cord
13	outlet of hot water
14	condenser
15	water inlet

Note: Please use the product in a place with temperature of 4-43℃ and relative humidity less than 90%.

*** To enhance product performance, product parts may be changed without notice. The object shall prevail.**

2. Your Direct Drinking Water Purifier

2-2. Model and Major Parameters

Model	JL1643S-UF
Rated Power	535W
Heating Power	420W
Refrigerating Power	100W
Hot water capacity	4L/h($\geq 85^{\circ}\text{C}$)
Cold water capacity	2L/h($\leq 10^{\circ}\text{C}$)
Refrigerant	R134a(32g)
Climate class	T
Applicable environment	4-43 $^{\circ}\text{C}$ humidity $\leq 90\%$
Applicable water pressure	0.1-0.4MPa
Stage 1	PP sediment filter
Stage 2	C1 active carbon filter
Stage 3	UF filter
Stage 4	C2 active carbon filter
Applicable water	Tap water
Product size	310x375x1061mm
Packing size	417x378x1142mm

2-3. Product Features

1. Fresh pure water: four stage high-precision filtration to ensure effluent water quality.
2. Compressor for cooling: adopt stable, high- efficiency and low noise compressor
3. Quadruple anti-dry burning protection: filtered water was provided to hot tank in priority, water level control system identifies the water level automatically, double protection of thermostat, quadruple anti-dry burning protection system.
4. Quick connect fitting technology: adopt Korean quick connect fitting technology which has outstanding sealing and no water leakage.

2. Your Direct Drinking Water Purifier

2-4. Product Functions

- **High-precision filtration, pure water quality**

Through high-precision four stage filtration system, it filters granules, iron rust, colloids, bacteria, residential chlorine and impurities in water.

- **Satisfy demand of drinking water and kitchen water**

It can make water in 24 hours continuously according to needs. Ample water satisfies demand of drinking water and kitchen water.

- **Keep fresh pure water**

It is connected to tap water directly, can make water continuously and keep dissolved oxygen in water, ensuring fresh pure water for drinking and kitchen use.

- **Humanized safety protection**

A series of humanized designs guarantee safety of water consumption completely, like lighting device and quadruple anti-dry burning protection.

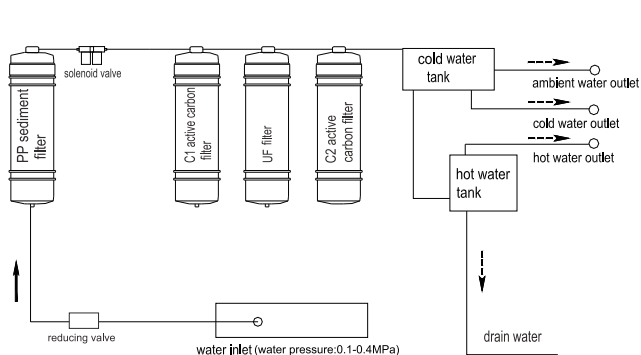
- **Install the hydraulic pressure**

Applicable water pressure: 0.1-0.4MPa

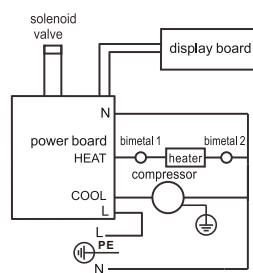
Guidelines for ensuring protection of the water cooler by means of a ground-fault circuit interrupter.

2-5. Working Principle

1.Flowchart of water generation



2.Circuit diagram



2. Your Direct Drinking Water Purifier

● Filter Function Introduction

Stage	Filter	Function
Stage 1	PP sediment	Carry out coarse filtration of original water, and filter out mud, sand, impurity, iron rust and suspension, etc.
Stage 2	C1 active filter carbon	Absorb unusual colors and odors, Remove residual chlorine and organic substances in water.
Stage 3	UF filter	Remove bacteria, iron rust, colloids and impurities in water.
Stage 4	C2 active carbon filter	Further absorb micro-molecules and organic substances in water. Make water taste better.

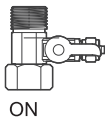
3. Use Guide and Maintenance



Please cut off water source before replacing filters. Never plug filters in water running state.

3-1. Guidance on Unpacking and Installation

1. Open the top of the packing case, take out the top foam and its accessories (include 4 filters and connector).
2. Put the accessories aside.
3. Unpack the product, install the water collector.
4. Take out the quick joint, and install it on the water pipe.



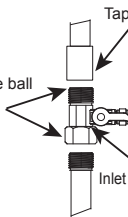
ON



OFF

(1)

The torque of the ball valve connecting pipeline is about 2.1N.m



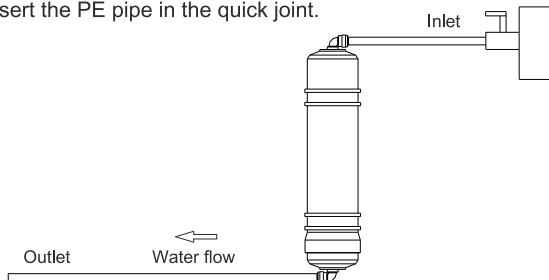
(2)

Insert PE pipe firmly until it hit, tighten the hex nut securely. After connecting the PE pipe, the nut locking force is about 0.65 N.m

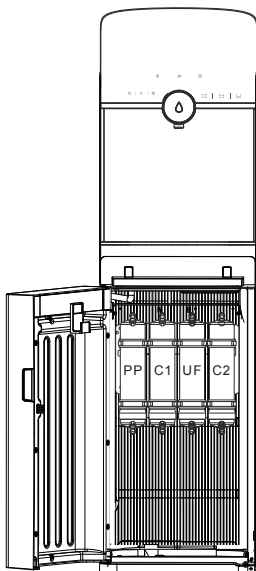
PE pipe

3. Use Guide and Maintenance

5. Use the after sale accessory—filter flushing tip, the arrow direction is the water flow direction, insert the PE pipe in the quick joint.

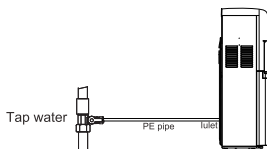


6. Insert the C1 active carbon filter into the filter flushing tip, tighten it by turning anticlockwise, and open the water tap to flush the filter till it doesn't discharge black water, for about 10min. Take the same step to flush the C2 active carbon filter.
7. Install the clean filter in the product, hold the filter with the left hand and enclosure of filter with the right hand, and insert it upwards in the filter, tighten it by turning anticlockwise, the installation order is: PP sediment filter → C1 active carbon filter → UF filter → C2 active carbon filter.



3. Use Guide and Maintenance

8. Take out the pin of the quick joint at the rear of the products side plate's, and then take out the white plug.



9. Insert the water inlet PE pipe in the quick joint, and tighten the pin.
10. After installing, supply power, and use it normally.
11. The water cooler plug cord into a ground fault interrupter receptacle.
12. When installing filter and replace filter please turn off the water and power supply before installation and replacement

Activate Heating & Cooling

To activate, push top side of power switches in to start heating and cooling water.

3-2. 1.1 The display panel is shown as below:

3-2. DISPENSING WATER

This unit has been tested and sanitized prior to packing and shipping. During transit dust and odors can accumulate in the tank and lines. Dispense and dispose at least one quarter of water prior to drinking any water.

Dispensing Cold Water

After setup, it will take up 1 hour to get water to maximum cold temperature. During this time the compressor could run continuously. This is normal.

1. while the “❄” turns off, Position bottle or cup below spout.
2. Touch the cold water button “❄” and “☐”, then touch the get water button “△”, the indicator turns on and the device starts discharging cold water. The machine will dispensing about 500mL.
3. Touch the cold water button “❄” and “☐”, then touch the get water button “△”, the indicator turns on and the device starts discharging cold water. The machine will dispensing about 250mL.
4. Touch the cold water button “❄” and “☐”, then touch the get water button “△”, the indicator turns on and the device starts discharging cold water. The machine will dispensing about 150mL.










Dispensing ambient Water

1. Touch the ambient water button “☺” and “☐”, then touch the get water button “△”, the indicator turns on and the device starts discharging ambient water. The machine will dispensing about 500mL.
2. Touch the ambient water button “☺” and “☐”, then touch the get water button “△”, the indicator turns on and the device starts discharging ambient water. The machine will dispensing about 250mL.
3. Touch the ambient water button “☺” and “☐”, then touch the get water button “△”, the indicator turns on and the device starts discharging ambient water. The machine will dispensing about 150mL.

Dispensing Hot Water

1. While the “☀” turns off, Position bottle or cup below spout.

3. Use Guide and Maintenance

2. Touch the hot water button “” and “”, then touch the get water button “”, the indicator turns on and the device starts discharging hot water. The machine will dispensing about 500mL.
3. Touch the hot water button “” and “”, then touch the get water button “”, the indicator turns on and the device starts discharging hot water. The machine will dispensing about 250mL.
4. Touch the hot water button “” and “”, then touch the get water button “”, the indicator turns on and the device starts discharging hot water. The machine will dispensing about 150mL.





3-3. Filter Replacement Cycle

PP sediment filter	C1 active carbon filter	C2 active carbon filter	UF filter
6 months	12 months	12 months	18 months

Special hints:

The data above are for references only. It is based on 10 L per daily drinking water. The specific cycle for replacement of filters varies with local water quality and water amount consumed.

Maintenance of Filtration System:

- 1) While the “” is splashing, it indicates the filter should be changed.
- 2) Checking the filter replace advise table at the last of the manual and find out which filter should be replaced. To buy the new one from where you buy the product.
- 3) To replace the maturity filter by the new one.
After replacement, please press the button “” and “” at the same time, until the “” light stop splashing.
- 5) After the above 4 steps, you can use the product as usual.

3-4. Maintenance

1. Keep this machine in a dry and cool place and avoid direct sunshine. Rearward of the machine shall be at least 20 cm away from the wall. Never put the machine on paper or foam, which may store water and then cause creepage. Never put anything flammable beside this machine. Do not use the machine outdoors or in a place that can be splashed by water.
2. For the water purifier, the installation and replacement of filters must be carried out by qualified personnel.
3. In case the machine is not in use for a long time, turn off the heating switch or the refrigerating switch to save power.

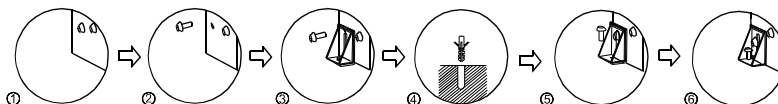
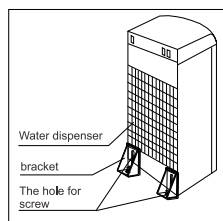
3. Use Guide and Maintenance

4. In case the machine is not needed for a long time, please take off the plug, turn off the copper chromeplated ball valve and drain off the remaining water through the outlet. For another use, discharge water for 10 min. In the event that the machine is blocked by ice due to the environment below ice point, keep the refrigerating switch closed for 4 hours and then turn it on to continue the operation.
5. In case the water supply is cut off, please close the feed water ball valve and cut off the power. After water re-supply, please open the other faucets to discharge sediment and then turn on the feed water ball valve.
6. The machine must use an earthed three-pin socket and a reliable creepage protection switch.
7. Never use organic solvents such as gasoline to clean the machine; strictly prohibit washing the machine with water or splashing water to the machine.
8. Never turn on (off) the machine by inserting the plug into (pulling the plug out from) the socket. Never increase the length of the supply cord to avoid fire.
9. If the supply cord is damaged, it must be replaced by the manufacturer or qualified person so as to avoid a hazard.
10. The water source for the water purifier is civil tap water.
11. Never dismantle spare parts of the machine to avoid water leakage or damage.
12. Never turn the machine upside down or lean it more than 45° when moving it so as to avoid any damage to it or any accident.
13. Limited warranty: electrical components and water system are warranted for 12 months from date of purchasing.

3-5. Machine installation

To prevent the machine from swaying or falling , please install the bracket accordingly.

- 1-2. Loosen the screw of the left or right bottom angle just as the picture shown.
3. Use the screw to fix the bracket on the left or right bottom angle of the water dispenser.
4. Make a hole on the floor's surface where the water dispenser will be installed.
5. Fix the bracket on the floor by screwing tightly.
6. Tighten the screw.



WARNING! To avoid a hazard due to instability of the appliance, it must be fixed in accordance with the instructions.

3-5. Troubleshooting

In case of failure, please carry out inspection according to the requirements below. If unresolved, please contact the local service agency.

Failure	Cause	Solution
Small water flow	Low water pressure	Check the booster pump or water inlet
	Filter not replaced in time, beyond the use time	Please contact the local service agency to replace the filter
Unsuitable Water temperature	Over consumption of water in a short time	Just wait a moment, and water is available again
	Power supply not put through	Switch on power supply
	Corresponding functions not started	Press a corresponding function key to start the function
Water leakage	Pipe not connected properly	Inspect the connector to connect the pipe properly
	Water pipe and PE pipe bursting	Replace the water pipe and PE pipe
“△” light flashing	there should be leakage.	check the PCB on the base plate. Repair the machine and dry the PCB, and then power on again.
Electric leakage	Machine in poor contact with ground	Use a three-pin socket with earth wire, making the machine grounded properly
Noisy operation	Not installed steadily	Place the machine on a steady & solid surface
Machine fails to run	Power supply not put through	Switch on power supply

It is a normal state that the following circumstances occur when the water purifier is used.

1. During the heating, the heating tube may generate slight noises. This is a normal state.
2. When the heating tank is being heated without water, the anti dry-burning device will disconnect automatically and can not reset by its own. The reset must be completed by a professional technician. The design is in accordance with the national safety requirements.
3. When an ambient temperature is higher, the cooling capacity may be slower, which is a normal state.

