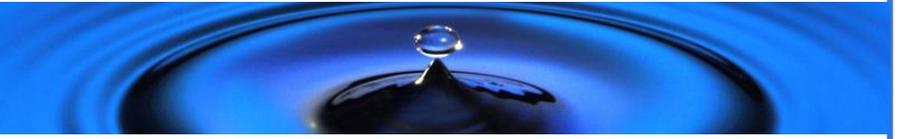


RO WATER DISPENSER

DanPure
Pure Water Systems



USER MANUAL

please read this manual carefully

Model: **DANPURE LUXE 75**



To Dear Customers

Congratulations for choosing our RO water dispenser system . This model puts end to bottled water deliveries by filtering your customer's own water supply of contaminants and bacteria , resulting in a virtually endless supply of crystal clear, filtered water.

Note: The unit is not intended for use with water that is microbiologically unsafe or of unknown quality without adequate disinfection either before or after the system.

Note: Check with your public works department for applicable local plumbing and sanitation codes . Follow local codes if they differ from the standards used in this manual. To ensure proper and efficient operation of the unit to your full satisfaction, carefully follow the instructions in this manual.

Caution

- 1.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.
- 2.If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or a similarly qualified person in order to avoid a hazard.
- 3.The new hose-sets supplied with the appliance are to be used and that old hose-sets should not be reused.
- 4.Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- 5.To avoid a hazard due to instability of the appliance, it must be fixed in accordance with the instructions.
- 6.This appliance is intended to be used in household only.

How to install the unit

Step1. Remove the screws located on the left and right-hand corner at the bottom of the back board

Step2. Use the removed screws to fix the L-shape fixer on the left and right-hand corner at the bottom of the back board at a suitable height.

Note: the end with a slot should be fixed to the back board

Step3. Drill two holes suit to the dimension of expansible tube (about ϕ 7 mm in diameter) in the proper floor and insert the expansible tubes into the two holes . Make sure it is inserted in place and firmly .The distance between the two holes should be as following: 275 mm

Note: the centre line of the two holes should be at least 275 mm from the floor.

Step4 . Lift up the unit and make the hole of the L-shape fixer aim at the hole located on the floor, and then let down the unit. Use two screws provided to fix the L-shape fixer on the floor

1.Warning & attentions

Only connect the power cord to the voltage rating that matches the rating plate on the product, otherwise, it may cause machinery damage and even accident.

Be sure the power cord is not bend by force and do not put a heavy object on it to avoid any electric shock or damage.

This product can not be used by child or people who are disabled on physical sense or mentality unless with their guardian's foster care are directing to avoid scald by hot water .

When the operation place has children, please take care of them and do not let them play with the product.

Do not make the power cord wetly or pull the power plug outlet with a wet hand to avoid electric shock .

Please do not use the plug or power cord when it is broken . Get in touch with the after-sales service personnel to replace it.

Please must install the product as this user manual's request to avoid accident caused by product unsteady.

Do not make the machine inversion or till exceed 45 ℃.

After installed, moved , and severely shaken , about 30 minutes are needed for stabilization of the compressor before using the product.

Never splash the product with water directly to avoid the short circuit or electric shock.

Do not disassemble or repair by yourself when the product is not working as usual, please stabilize of the compressor before using the product.

Unplug the power cord when not using for an extended period of time . Also please cut off the water inlet valve and drain all the water in the storage tank to avoid the water go bad because not use for a long time .

When the water inlet pipe is aging, please use the new pipe in the accessories pouch, do not use the old one, it may cause water leakage.

Note :

1. The unit is for indoor usage
2. For the condition of operation on uneven ground, a fixer should be mounted to the unit and connect it to the wall.
3. Product code unconformity or product is not register.
4. Our company offer maintain service lifetime , when warranty time is over , you need to pay for material costs and maintenance costs.
5. The user manual can be used by the buyer only, transfer has no efficiency .
6. If the user manual is lost, please contact us in time , we will reissue it to you depends on your invoice and customer information .

2. Product brief introduction

2.1 Product configuration and technical parameters

| | |
|---------------------------|------------------------------|
| Model | DANPURE LUXE 75 |
| Description | Hot and cold water dispenser |
| Mode type | RO system |
| Power | 220-240V / 50Hz |
| Rated power | 640W |
| Heating capacity | 6L/H (90 C) |
| Cooling capacity | 2L/H (10C) |
| Applicable water quality | Municipal tap water |
| Applicable water pressure | 0.1-0.6 Mpa |
| Ambient temperature | 5-38 C |
| Package size | 320x360x933 mm |

2.2 Structure



1.Display & Buttons

This area shows a general working status of the machine and buttons for different functions.

2.Hot water tap

If you want to get hot water, you can put cup or glass under it, and push the red lever, while at the same time, push the button above

3.Normal water tap

If you want to get normal water, you can put cup or glass under it, and push the yellow lever.

4.Cold water tap

If you want to get cold water, you can put cup or glass under it, and push the blue lever.

5.Drip tray

This is a tray for holding a little waste water. You can take it out when it is full.

6.Lower panel

The lower panel is the cover for filters, can be disassembled for filters change. Please refer to the instructions for filters replacement.

8.Cooling power switch

Switch on to start the water cooling.

9.Heating power switch heating.

Switch on to start the water heating

10.Condenser

This is part of cooling elements connect to compressor

11.Cold water outlet

It is used the first time you use the machine or long time without using it. You can screw out the cap to release the water from the cold tank to clean the tank .

12.Hot water outlet

It is used the first time you use the machine or long time without using it. You can screw out the cap to release the water from the hot tank to clean the tank.

13.Water inlet

It is connected with a PE tube to water tap, water then will come from your tap water into the machine

14.Drain water outlet

There will be some drain water coming out from this outlet when machine operates

3. Installation Method

- 1) Open the package to check whether the product has been damaged
- 2) Find a three way ball valve in the accessories pouch which is made of metal. Connect it to the municipal tap water 1/2" piping system
- 3) Find a 1/4"PE pip; connect it with the side hole of the three way ball valve
- 4) Connect the other end of the 1/4"CCK pipe to the water inlet hole. Cut off the CCK pipe about 20-30cm from the machine and connect the mid ball valve (in the accessories pouch) between these two CCK pipe .
- 5) Connect the power plug to the plug base.
- 6) Turn on the water inlet valve and power switch. Wait for the water tank fully filled with water and drain all water , do it again. Then you can use unit normally.



adjust the feet to stabilize the machine



connect the ball valve



connect the PE tube to input connection

4. Maintaining

4.1 water tank cleaning

- a. Connect one side of the CCK tube to the water inlet and the other side to water tap with a ball valve and a tri-way socket.
- b. Plug in, and turn on the water inlet valve, then inject a proper amount of water in to the water tank . Drain all the water , and then do it all over again.

Note: because it will take 3-5 hours for RO system to fill the reservoir, you can also take along a few jugs of freshly prepared RO water from your unit to fill the reservoir for faster rinsing.

4.2 Clean the drip tray

Take out the drip tray vertically, empty it for waste water and clean it.

4.3 Replace of filters

In order to ensure the quality of the purified water, the filters need to be replaced at fixed periods.

Operational approach:

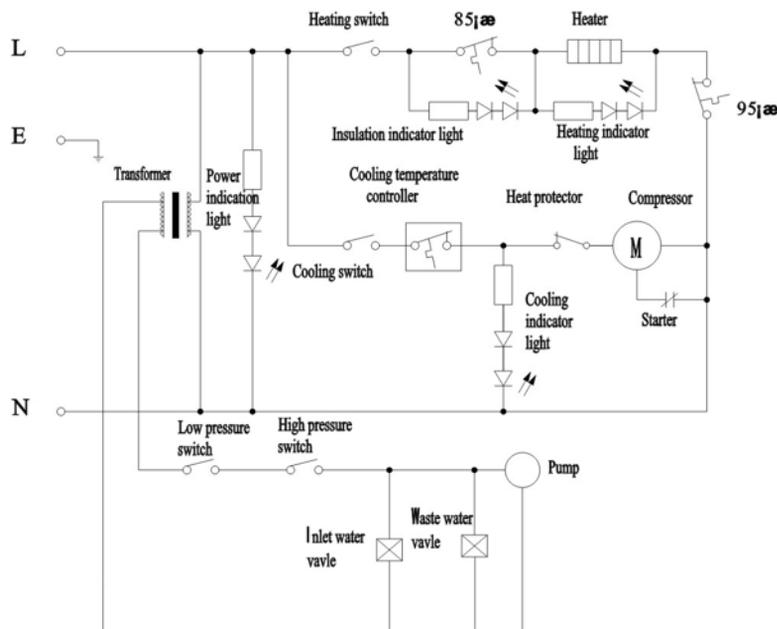
- a. Pull out the plug of power cord and shut down the water inlet valve first
- b. Disassemble the lower panel. Use two hands. Press it down about 1cm. Pull it out about 10 cm then you can lift it up diagonally.
- c. Disassemble the quick connector
 1. Take out the blue clamp ring on the quick connector
 2. Keep pressing the insert of the quick connector, and pull out the CCK pipe.
 3. The blue clamp ring need to be take out also when you want to take out the quick connector from the old filter. At the same time, you need to keep pressing the insert of the quick connector by using a straight screwdriver

Note: The CCK pipe must be in place (about 17mm) when stick it into the quick connector, otherwise it may cause water leakage.

4.4 Service life of filters

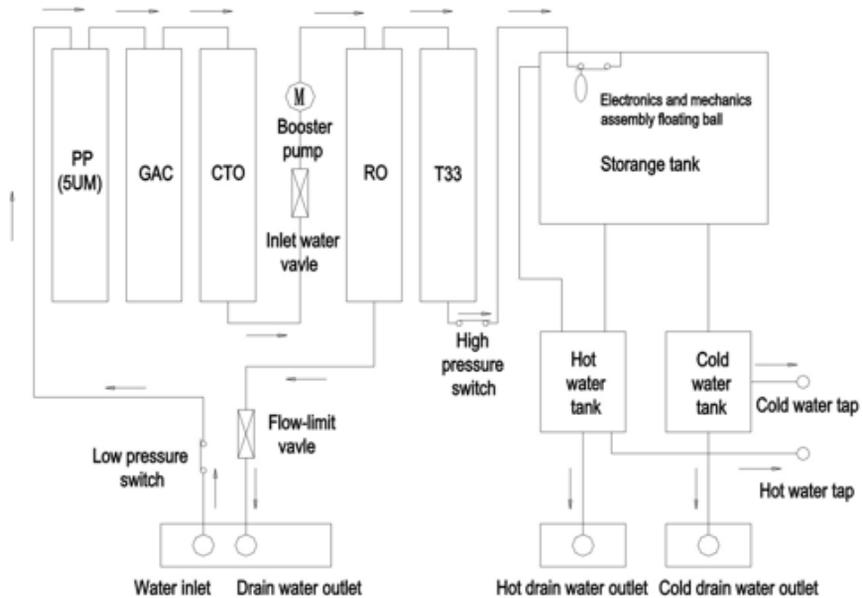
| Name of filters | Recommended Replacement Time |
|----------------------------|------------------------------|
| PP Filter | 3-6 Months |
| UDF filter | 6-8 Months |
| CTO filter | 6-10 Months |
| RO filter | 18-24 Months |
| Post - Carbon Filter (T33) | 8-12 Months |

5. Electric Circuit



6. Water Purification Theory & filter function

6.1 RO purification system theory



6.2 Filter Function

(Stage 1) PP (5um)

With only *five* micron rating, it is effective in removing dirt, rust and sand particles.

(Stage 2) UDF:

It remove some organic chemicals , pesticides, floating substance, chloride, unpleasant tastes, odors or colors as well as heavy metal particles.

(Stage 3) CTO :

It takes out 99% of the chlorine and organic chemicals. It provides enhanced reduction of taste . Odor and color

(Stage 4) RO:

A thin film composite high quality membrane that processes 50 gallons per day. It removes the following hard water contaminants that may be present in your water: lead, cooper, barium, chromium, mercury, sodium, cadmium, fluoride , nitrite , and selenium.

(Stage 5) T33:

This carbon post filter removes objectionable tastes and odors to enhance the quality of your drinking water.

7. After service

This product has one year warranty service for free from purchase date. Keeping the user manual and valid invoice safe, so that you can trace and refer.

Attention:

- 1) Please Keep the user manual safe, it is the proof for warranty service and preferential service
- 2) Please advise us in time when your telephone number or address is change
- 3) Warranty time for complete machine is 1 year (from purchase date)
- 4) Following circumstances are not in the warranty range
 - a . All the filters are belong to normal use consumable items, not in the warranty range
 - b. The components and parts damaged by too high/low water pressure
 - c . The voltage rate didn't match with the rating plate
 - d. The loss caused by not using the power cord and plug seat as requested
 - e. Disassemble the product by yourself , or not install it as the requirements in the user manual
 - f . Not use the product as the requirements in the user manual

8. Before asking after service

| Problem | Possible causes | What to do |
|---|---|---|
| No water comes out | Inspection inlet water | Pulling out the pipe of inlet water to check if have water flow |
| | Low water pressure | Add the boost pump |
| | Jammed filter | Change the filter |
| No cooling | No electricity | Plug in the power cord |
| | The voltage rate didn't match with the rating place | Should match with the voltage rate |
| | No water in the storage tank | Wait for the water level of storage tank enough |
| The water of storage tank level deficient | | |
| No heating | No electricity | Plug in the power cord |
| | The voltage rate didn't match with the rating plate | Should match with the voltage rate |
| | No water in the storage tank | Wait for the water level of storage tank enough |
| | The water of storage tank level deficient | |