ORA LUX

# USER MANUAL

Ultrafiltration Built-In Water Dispenser

# CONTENTS

# SAFETY PRECAUTIONS

## WARNING

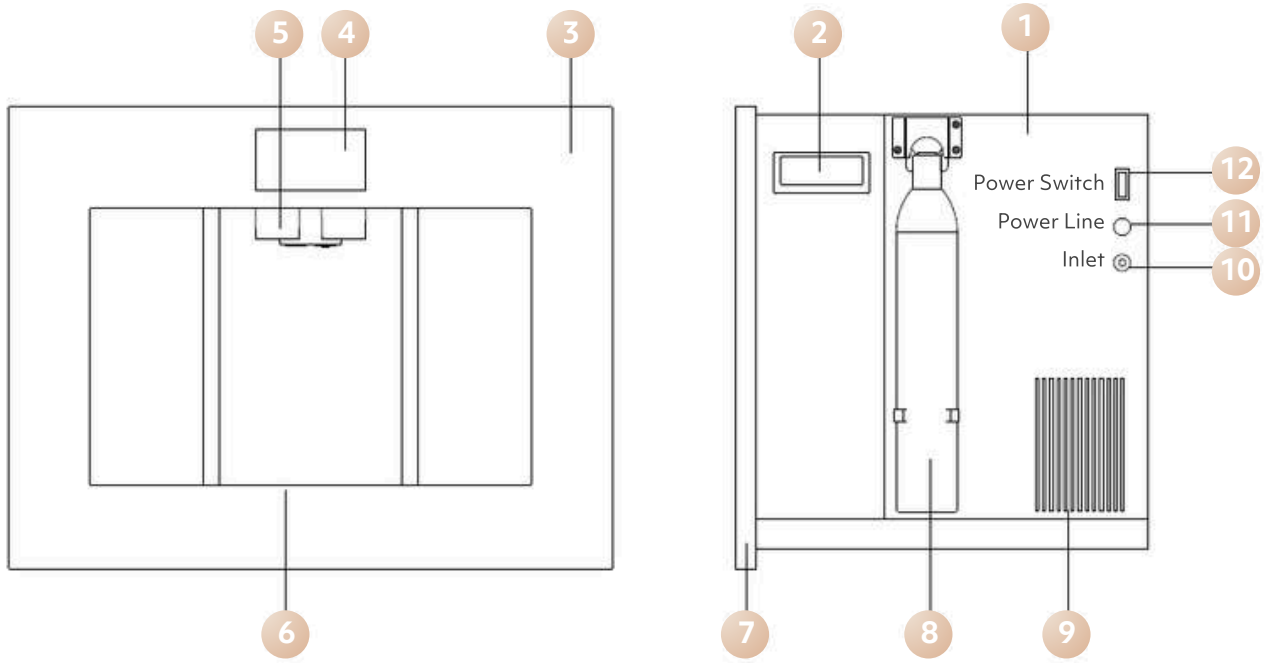
- For safety, follow this manual's safety instructions strictly. Deviating from its procedures may cause hazards.
- Use a power socket with a withstand current greater than the machines specified value. Ensure reliable grounding and install a leakage protector. Failure to do so may cause damage or fire.
- Do not disassemble, maintain, repair or modify the product privately. This can lead to water leakage, electric leakage and other safety hazards.
- Never reverse the machine when it's energized or with water inside.
- If the power cord is damaged, have it replaced by the manufacturer, its maintenance department or similar professional personnel to avoid danger.

## ATTENTION

- Operate at 5 - 38°C room temperature and humidity below 90%.
- Install in a location out of direct sunlight to prevent pipeline aging and potential leakage.
- Do not unplug by pulling the power cord.
- Connect the machine's water inlet to a water purification system; use nanofiltration or reverse osmosis systems in high - water- hardness areas.
- If unused for over three days, cut power and water, drain residual water, and clean before next use.

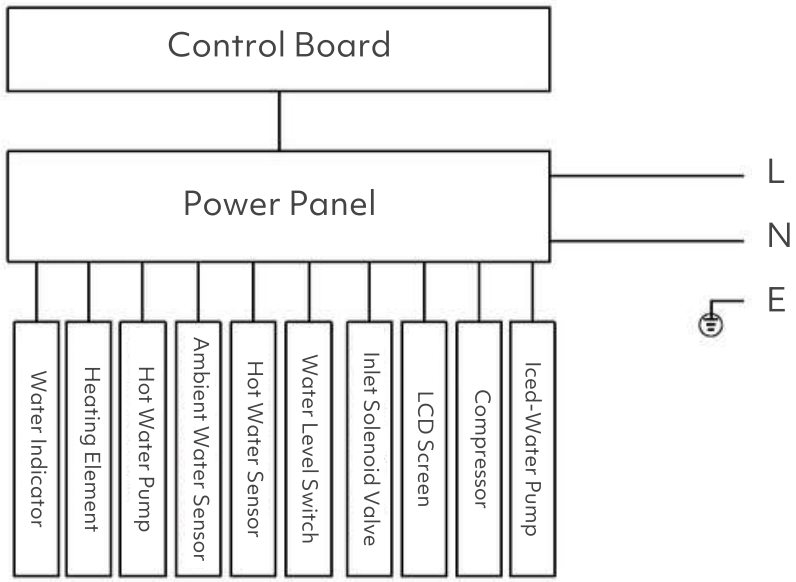
# PERFORMANCE PRINCIPLE

## Structure Diagram




1. Main Device
2. Pull-Push Handle
3. Glass Panel
4. Touch Screen
5. Outlet Nozzle
6. Tray Box
7. Panel
8. Carbon Dioxide Cylinder (optional)
9. Ventilation Hole
10. Inlet
11. Power Line
12. Power Switch

## Electrical Schematic Diagram



# PRODUCT PARAMETERS

| | | | |
|---|---|---|---|
| **Product Name** | Hot & Cold Water Dispenser | | |
| **Item No.** | IMT-G7-C | **Voltage/Frequency** | 220V ~ 50Hz |
| **Rated Power** | 2200W | **Ambient Temp.** | 5°C ~ 38°C |
| **Ambient Humidity** | ≤ 90% | **Cooling Current** | 0.5A |
| **Refrigerant Charging Quantity** | R600a, 17g | **Anti-Shock Type** | I |
| **Standby Power Consumption** | ≤ 0.05kW.h/24h | **Heating Capacity** | ≤ 20L/h |
| **Product Size** | 595x455x406mm | **Inlet Pressure** | 0.1 ~ 0.4MPa |
| **Water Source** | Purified water or low TDS water | **Inlet Temp.** | 5°C ~ 38°C |

# INSTALLATION INSTRUCTIONS

## Pay attention to installation

- Installed by professionals only. Check accessories and machine condition before installation.
- Do not install outdoors. Keep away from UV, heat sources, fuel oil, and chemicals.
- All water - related fittings must meet national health standards.
- Check for leaks at joints after installation.

NOTE: For first time use, turn the $CO_2$ cylinder clockwise after the E1 water shortage prompt disappears.

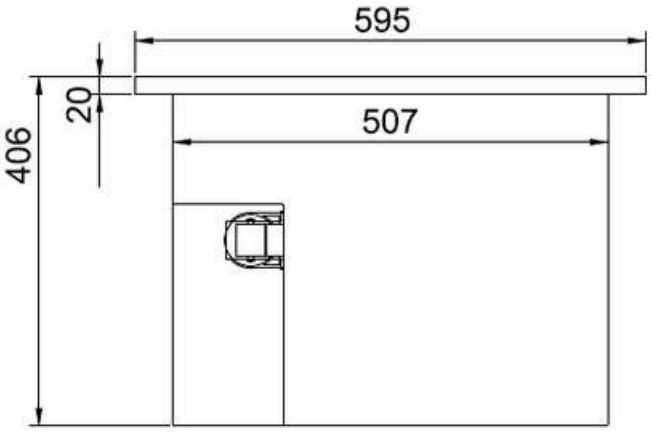
# INSTALLATION STEPS

## Installation of the Rail and Cabinet

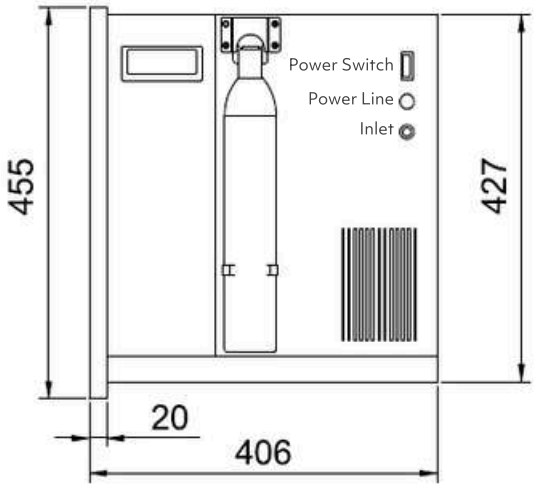
1. Unpack the package and take out the machine, the rail assembly, and screws provided with the machine.
2. Full-embedded installation: Align the end face of the rail assembly with that of the pre-reserved cabinet pad plate. Place the L-shaped fixing plate of the rail on the cabinet surface, then connect and secure it to the cabinet using ST4 countersunk self-tapping screws. "L" designates the left rail, and "R" designates the right rail. (As illustrated in Figure 3 below.)
3. Semi-embedded installation: Align the end face of the rail assembly with the cabinet's end face. Position the L-shaped fixing plate of the rail on the cabinet surface, then connect and fasten it to the cabinet with ST4 countersunk self-tapping screws. "L" stands for the left rail, and "R" for the right rail. (As shown in Pie. 4 below.)

## Installation of the Machine onto the Rail

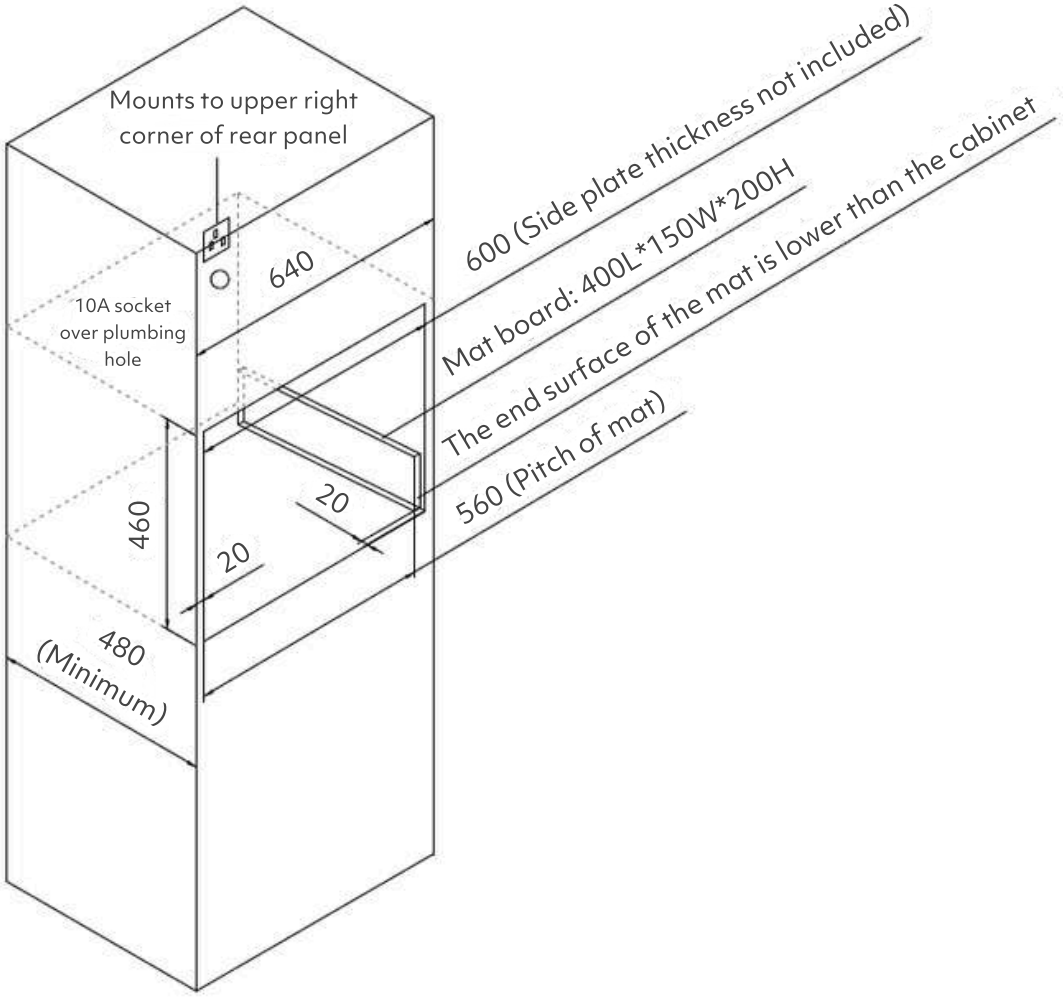
1. Pull out the rail, place the machine on the L-shaped iron plate bracket, and secure it from the machine's bottom using M4 machine-thread screws. The slotted hole enables left-right adjustment of the machine.
2. Connect the 1/4" PE pipe from the wate r purifier. Install a straight-through ball valve and an L-shaped quick-insert elbow. Insert them into the side water inlet of this machine, and fix with a 1/4" clamp. Ensure a secure insertion. Prior to this, the water purifier must be correctly installed, debugged, and producing water, operating in a normal working state.



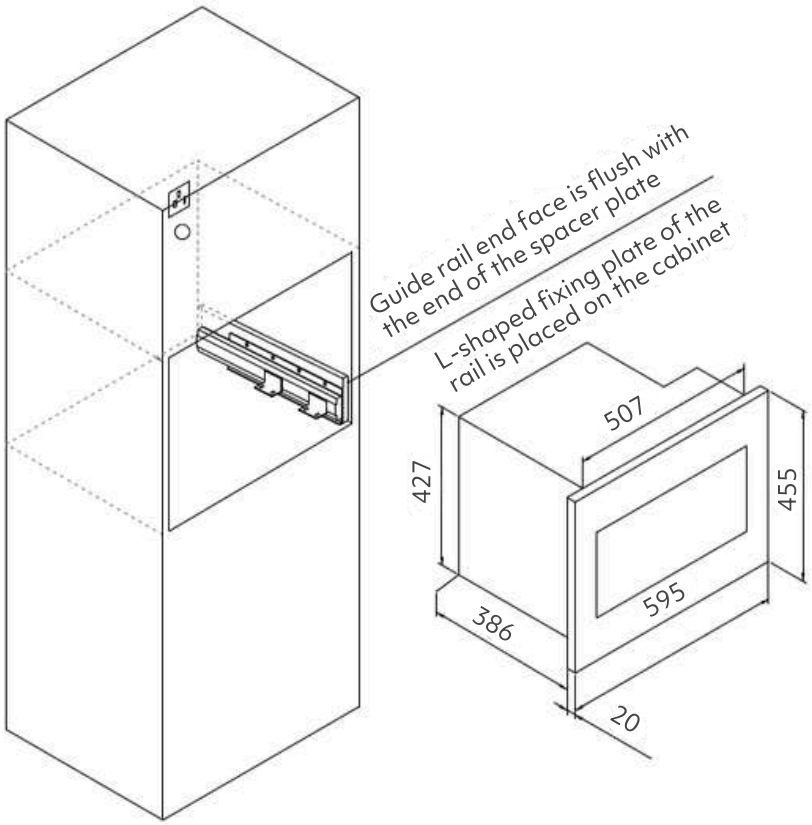

Product Top View (in : mm)



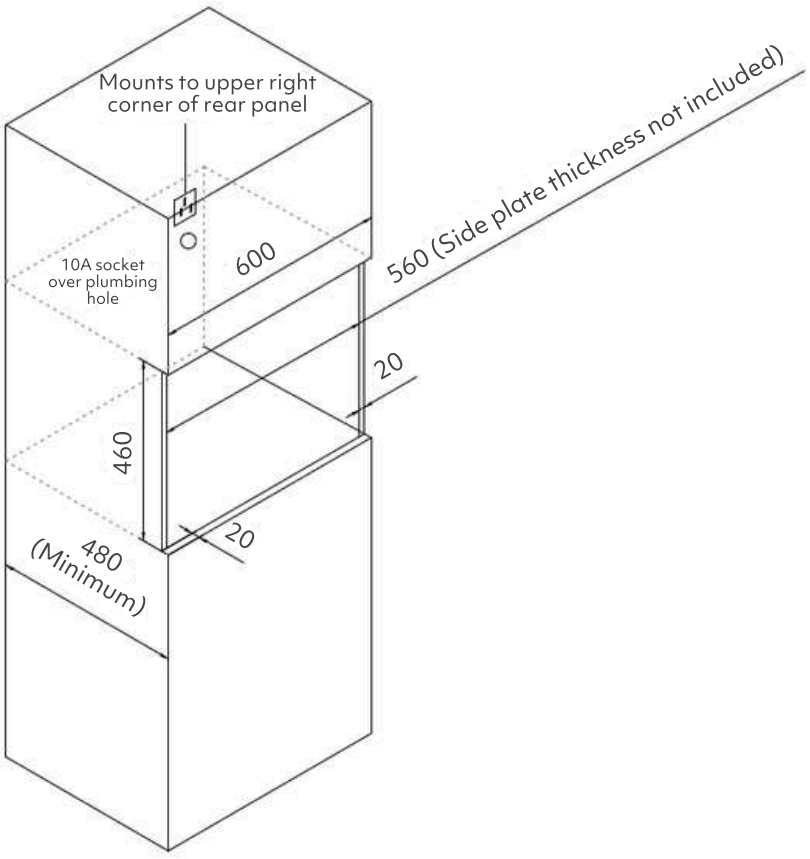

Product Right Side View (in : mm)



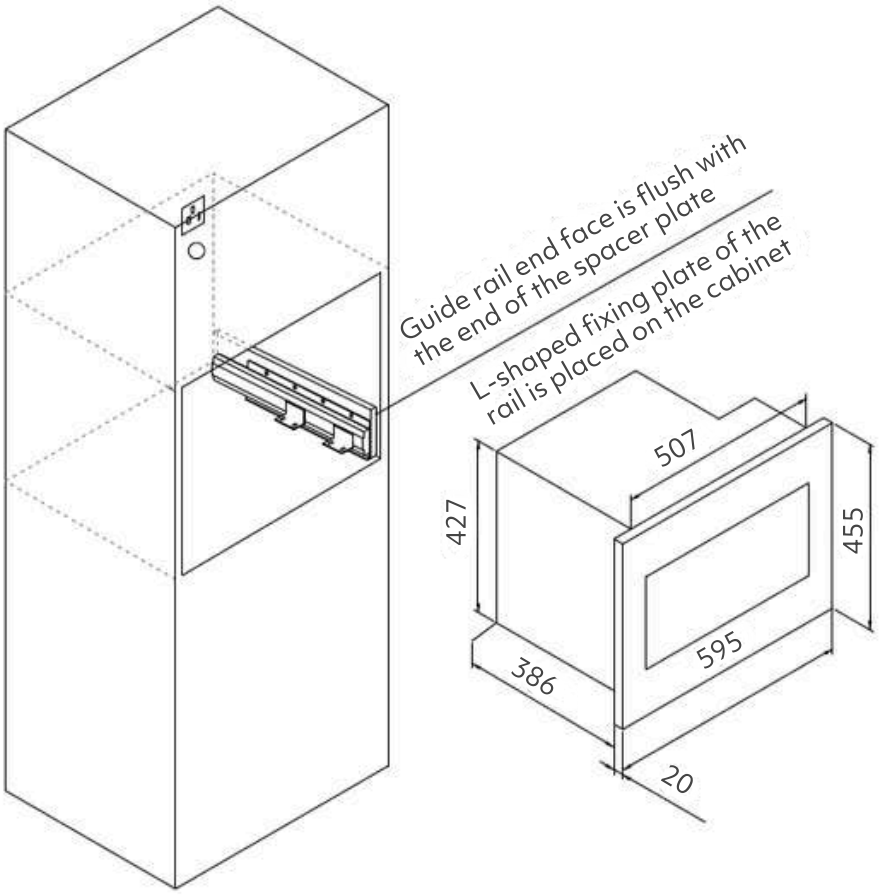

Fully Embedded: Cabinet Dimension View (unit : mm)




Fully Embedded: Cabinet Dimension View (unit : mm)




Semi-Embedded: Cabinet Dimension View (unit : mm)




# OPERATION INSTRUCTIONS

## Function Introduction

1. Insert the power plug, turn on the water inlet ball valve and the power switch on the right side of the machine. The display screen will light up. The machine's internal automatic water filling will start, taking approximately 4 minutes. (For the first use, wait until the El water shortage prompt on the screen disappears, then insert a carbon dioxide cylinder clockwise to operate normally.)
2. Place a water container under the water outlet nozzle. Operate the function keys to start working.
3. When using for the first time, boil 2-3 cups of hot water and discard it to clean the heating tube.For the bubble water function: After using 2-3 cups, activate the one-key drain function to empty the water in the water tank and clean the ice chamber.

## Explanation of each function key operation

1. Screen Wake-up: Touch the screen. The buzzer beeps once, and the screen lights up. If no operation is performed for 15 seconds, the screen automatically turns off.
2. Child Lock Key: Touch the child lock key. The buzzer beeps once, unlocking the child lock. If no operation occurs for 15 seconds, the child lock automatically engages.
3. Water Outlet Key: Touch to start or stop water outlet. For normal temperature, milk formula, ice water, and bubble water, no need to unlock the child lock. For other water temperatures, unlock first, then press the water outlet key to dispense water.
4. Temperature Adjustment Key: Touch the temperature key to cycle through modes: Normal Temperature, Milk (45°C), Lemon (55°C), Honey (65°C), Coffee (85°C), Hot Water (100°C), Ice Water, Sparkling Water.
5. Water Volume Key: Touch the water volume key to cycle through: 150mL, 230mL, 300mL, 500mL, 1000mL.
6. During Water Outlet: Touch any key or the water outlet key to stop water outlet.

## Parameter setting instructions

1. Clock Setting: Adjust via hand-waving, then press to confirm.
2. Permanent Child Lock Release: "ON" for permanent child lock release; "OFF" to restore child lock (default with child lock function).
3. Boiling Point Adjustment: Set the boiling point according to altitude. Adjustment range: 80°C-100°C, with a default of93°C.
4. Kindergarten Mode: "ON" to enable, "OFF" to disable. In this mode, only 25°C and 45°C water temperatures are available.
5. Refrigeration Mode: "ON" to enable, "OFF" to disable (default with refrigeration function).
6. Screen Brightness Adjustment: Adjustment range: 20-100.
7. Volume Switch: Touch the volume key; "ON" to enable sound, "OFF" to mute.
8. Ice Water Temperature Adjustment: Adjustment range: 5°C-15°C, default 8°C.
9. One-Key release Function: Turn off the water source, touch the "drain remaining water" key to drain water inside the machine.

# DAILY MAINTENANCE

1. Do not disassemble, repair, or modify the machine privately to prevent water leakage and machine damage.
2. If the machine will not be used for an extended period, drain all water inside it and turn off both the water source and power supply.
3. Clean dirt on the main unit's surface directly with a damp cloth. Avoid using diluents, alcohol, or similar substances for cleaning, as these may cause discoloration, deformation, etc.
4. If a malfunction occurs during use and the machine fails to operate properly, immediately close the inlet ball valve and power switch. Refer to the "Troubleshooting" section. If the problem persists, contact the local distributor.

# MALFUNCTIONS & HANDLING

The following table is some of the possible failures and causes. Please refer to the general elimination methods:

| **Fault Phenomenon** | **Possible Cause** | **Processing Method** |
|---|---|---|
| E0 | Communication failure | Replace the key pad or the main control board |
| E1 | Lack of water alarm | Automatic restore or reagai n with water |
| E2 | Inlet NTC fault | Replace the inlet water NTC or the main control board |
| E3 | Outlet NTC fault | Replace the effluent NTC or the main control board |
| E4 | Low-temperature warning | The water temperature is greater than 1°C automatically |

| Fault Phenomenon | Possible Cause | Processing Method |
|---|---|---|
| E6 | High temperature alarm | The temperature of the heating body automatically removes after ttie temperature drops |
| E7 | Ultra high temperature alarm | The temperature of the heating body automatically removes after the temperature drops |
| E8 | Heating body failure | Replace the heating body |
| E9 | Zero-crossing failure | Replace the main control board |
| E10 | Pump failure | Replace the water pump or the main control panel |

# KLOUD

## Ora Lux

KLOUD™ | DESIGNED IN UAE

*www.kloudfilter.com*

Water, The Way It *Should* Be