

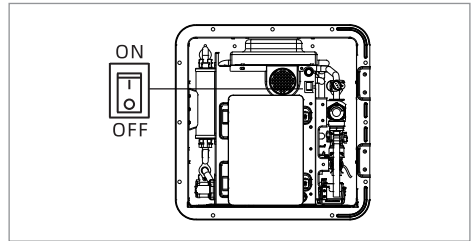
4 Operation

4.1 Operation Instructions

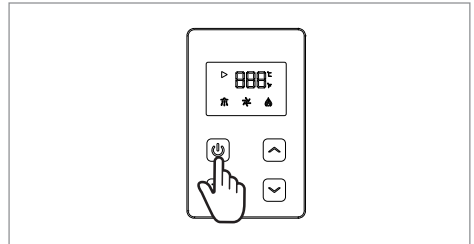
The user shall confirm whether the water heater is installed correctly before the initial use, carefully check that the connections are properly connected and leak free. After verifying, please follow the steps below:

To start the device

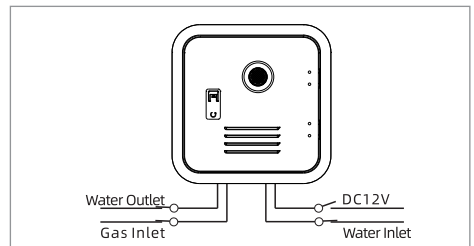
1. Confirm that the power switch to the water heater is turned on, turn the latch to close the door.



2. After confirming the power is on, press key " ⏻ " on the wire controller.

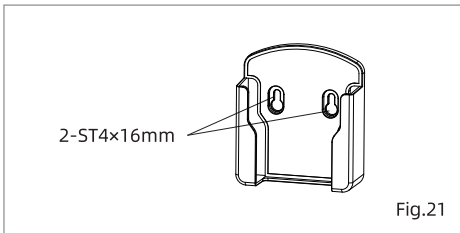


3. Turn on the water inlet valve and gas valve;
4. Turn on the water outlet valve (hot water tap), once the water heater is initiated, hot water will flow out.



3.9 Wired Controller Installation

1. Choose a convenient location to place the wired controller base. The connection between the wire controller and the water heater should be reasonably arranged according to the specific environment. Fix the bottom controller holder with the two screws ST4x16 mm provided (Fig.21) and place the controller into the bracket.







WARNING

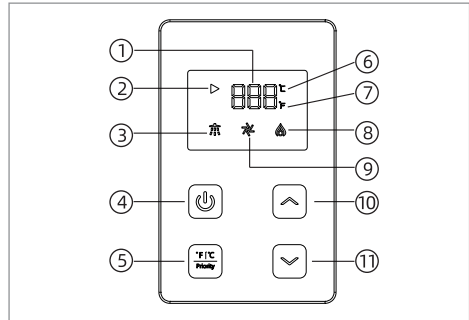
Minors are not recommended to use the machine alone unless with adults accompany .

- Each time you press the " √ " key, the temperature will reduce by 1 °C. See following Fahrenheit and Celsius comparison table for reference.

Celsius Degree and Fahrenheit Degree Comparison
(Please refer to Table 1)

4.2 Wired Controller Instructions

- The controller emits a buzzer sound "Beep" when the power is turned on. The display shows the gas source code, and this code will remain for 3 seconds before going off. The controller's indicator light is on and the back light of the power switch button is lighted.
- After pressing the power button, the fan, shower, flame and water temperatures are displayed in real time according to the operating status.
- Set the temperature to the temperature you required, the set temperature will flash for 5 times, then it will automatically switch to display the current water temperature.
- Press "  " to switch between Celsius and Fahrenheit (degree).
- In the event of a fault alarm, the display will show the error code.
- The buzzer sound "Beep" occurs when the system is powered on or is operating effectively. When fault occurs in the system, the buzzer sound "Beep, Beep, Beep" is sounded continuously for 10 times, with an interval of one second between each sound.
- After using the water heater, please press "  " to turn off the heater (water and gas supply should be turned off at the same time).



- Display setting temperature
Display fault code
Display water temperature
- Priority icon
- Shower signal
- Switch button
- Fahrenheit/Celsius Priority
- Celsius display
- Fahrenheit display
- Flame
- Blower
- Heat up button
- Heat down button

°F	°C
95	35
96	36
98	37
100	38
102	39
104	40
105	41
107	42
109	43
111	44
113	45
114	46
116	47
118	48
120	49
122	50
123	51

(Table 1)

4.3 Steps to Setting Water Temperature

- The setting range of the outlet water temperature of this machine is 95 °F - 123 °F (35 °C - 51 °C); Outlet water temperature is designed not to exceed 123 °F (51 °C).
- Each time you press the " ^ " key, the temperature will increase by 1 °C. See following Fahrenheit and Celsius comparison table for reference.



WARNING

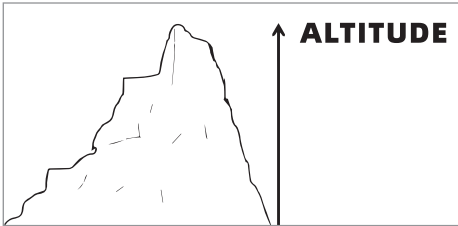
Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this and any other appliance.

4.4 High Altitude Use

For Canada: 0~4500 ft above sea level.

For US: 0~5000 ft above sea level.

If it exceeds 5000 ft, it shall comply with the requirements of Canadian installation regulations CSA B149.1 and American installation regulations ANSI Z223.1/NFPA54, and the input rate will decrease by 4% for every 1000ft increase in altitude.



5 Maintenance

For your comfort and safety, we recommend checking and maintaining the product monthly. Disconnect the power supply and allow the unit to cool down before performing maintenance. Do not disassemble gas passages and safety devices during maintenance. As the unit has some electronic components inside, do not open it to avoid contact with any type of liquid.

5.1 Routine Inspection

1. Check the air intake grille, exhaust vent for dust to avoid obstruction.
2. Check the unit for unusual appearance.
3. Check the unit for abnormal noise during operation.
4. Check for water and gas leakage.
5. Check whether the flame is burning normally every month. The flame should appear blue color through the observation window and the combustion is stable. No jitter, no lifted flame, no back draft, etc. If anything abnormal, please contact the service provider to repair it.
6. When carbon deposits are found, they should be promptly notified to the after-sales service provider for maintenance. The serviceman will remove the burner with the crater facing down, use a bristled brush to remove the carbon deposit, or replace the burner with a new one.

5.2 Maintenance Instruction

1. Clean the unit regularly. Do not use chemical lotion and volatile solvents to avoid discoloring of the outer shell.
2. Clean the air intake grille, dust filter and exhaust port regularly for better performance, without obstructing the flow of combustion and ventilation airflow open the panel, clean with water.
3. Turn off the water inlet, remove water inlet pipe, clean the filter, and reinstall.
4. Drain water from the RV regularly and flush the heat exchanger with an approved detergent. (Please refer to the RV vendor's instructions)