



GDLi

Outdoor
Shower

Company: GDL International Ltd.

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1. Precautions:

- 1.** In order to operate correctly and avoid any damage occurring, be sure to read and understand the product instructions and the contents described on the product before using.
- 2.** The product uses Alpine propane gas as fuel which will produce carbon monoxide when heated. Please remember that it can only be used in well-ventilated outdoor areas.
- 3.** As this product will generate flame and heat when in use, therefore, prior to operating it please remove any combustible materials within the surrounding 5 meters.
- 4.** If gas is smelled prior to or during the use of this product, please shut off the power, turn off the gas tap and separate the gas tank immediately. After that, do not re-use it and send it back to the factory for inspection and maintenance.
- 5.** To avoid damage when using this product, do not expose the gas tank to any nearby fire source, heat or strong sunlight.
- 6.** Do not separate the gas tank with the power on or when fire (heat) is burning. Turn off the gas tap prior to separating the gas tank to prevent damage.
- 7.** Prior to connecting the gas tank, to avoid gas leaks or explosions situation please make sure that the inside of gas tap is clean and the seal washer is not damaged. If the seal washer is found damaged, it must not be used and must be immediately returned to the factory for inspection and maintenance.
- 8.** In order to avoid any abnormal functions or serious damage, do not attempt to disassemble or modify the product.
- 9.** Please do not shake the gas tank when using this product, in order to avoid any damage occurring.
- 10.** Free flow of air to the bottom vent of this product is required to ensure complete combustion and enhance the heating efficiency.



DANGER

11. As the metal part on the base of this product will become very hot when using, before moving the product, please turn it off to stop the operation until such metal parts have cooled down.

12. This product should be operated by adults; children or the elderly are prohibited from operating the product by themselves.

13. When an alarm sound is continuously emitted by this product, please shut off the power, turn off the gas tap and separate the gas tank immediately. After that, do not re-use it and send it back to the factory for inspection and maintenance.

14. Only "Alpine Propane Gas" fuel can be used in the product. To avoid serious damage, please do not transfer or convert to other fuels.

15. In order to ensure safe use, use the alpine propane gas tank which has passed inspection and is without abnormal appearance due to damage or deformation.

16. In order to ensure safe use, do not connect a self-filling gas tank to the product.

17. In order to achieve optimum heating efficiency and ensure safe use when using this product, be sure to put it on a level and stable position.

18. This product has only a thermostatic function and has no cooling function. Please set the appropriate temperature according to individual needs.

19. To avoid a gas or water leak, do not pull the product's gas or shower hose.



WARNING

- 20.** When moving the product, please place it into the carrying bag for lift and carry it at its base. Do not apply force to the shower hose or other parts so as to avoid any damage to the product.
- 21.** To ensure safe use of the product, please pay attention to alarm lights and messages related to actions of operation.
- 22.** The maximum temperature setting of the product is 45°C. Since various people feel temperature differently, please examine the water temperature before using in order to avoid burns. For first time use, please set the temperature at 40°C and then raise the set temperature if it is not hot enough.
- 23.** This product is designed for heating water for general use as a shower or to wash, please do not use it to heat water for drinking.
21. If hot water is directly injected into this product instead of being obtained through the temperature setting, to avoid damaging the product and causing

- 24.** If hot water is directly injected into this product instead of being obtained through the temperature setting, to avoid damaging the product and causing abnormal movements, make sure the temperature of the injected water does not exceed 45°C.
- 25.** Although this product is rainwater proof, please do not immerse it in water. If the product is immersed in water to a depth greater than the bottom of product, you must not re-use it and need to return it to the factory for testing to ensure it is safe to use.
- 26.** Please use clean water to rinse the inside of the water tank, and then wipe it with a soft cloth. Do not use any cleaners or scrub with a hard brush.

CAUTION



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- 27.** This product is only applicable for general showering. If suffering from any physical trauma or illness, in order to ensure safety please consult your doctor regarding use of this product.
- 28.** This product is only suitable for general clean water; to avoid damage to the product, do not inject other unknown liquids into it.
- 29.** If the water is full of impurities, to avoid damage to the product please filter the water prior to adding it to the water tank. The water tank filter can only filter larger debris such as branches and leaves.
- 30.** Please keep the showerhead higher than the showerhead holder of the main body so as to avoid the impact of gravity leaking flow.
- 31.** This product is suitable for ambient temperatures between 0 to 40° C. To ensure product performance, keep it away from sunlight and store indoor when not in use.
- 32.** The heating rate of this product will vary in accordance with differences in ambient temperature, wind speed, raw water temperature, fuel formulations, etc.
- 33.** Separate both the power and gas tank from the main body as well as clear dirt from the covering. Remove any water remaining in water tank and, after being dried, put the product in the carrying bag to avoid health problems arising from bacteria growing in remaining water.
- 34.** For any information about product operation or maintenance or other related issues, please contact your local distributor or contact us directly through the company's official website WWW.GDLI.COM.TW or SERVICE@GDLI.COM.TW, and we will provide related services support.
- 35.** The Company will announce the latest news with respect to this product on WWW.GDLI.COM.TW.
- 36.** Please properly keep this product manual for future reference.

CAUTION





1. A newly designed automatic, portable thermostatic shower.
2. Adopt absolute temperature design (up to 45°C).
3. Auto alarm reminder when the water storage tank is less than half full.

II. Product Features:

4. An integrated design which is convenient and simple of set up and use.
5. A convenient and simple single temperature knob for operation.
6. The step-less thermostat setting from 0 to 45°C.
7. Auto alarm and disable when the water temperature exceeds 50°C.
8. Auto alarm and disable when any abnormality in control system.
9. The control panel allows for checking the product's operating state.
10. Rainwater-proof, designed specifically for outdoor use.
11. Unique design for heat conversion efficiency.
12. Water storage capacity can be easily expanded.
13. Applicable for any outdoor showering, washing, and personal cleaning.

Patents :



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|-------------------------------|-------------------------------|----------------------------------|
| 1. Control Panel Cover | 12. Shower Hose | 23. Water Outlet |
| 2. Water Outlet | 13. Main Body | 24. Full Water Level Mark |
| 3. Showerhead | 14. Ventilation Hole | 25. Water Tank |
| 4. Water Inlet | 15. Gas Tube | 26. Water Inlet |
| 5. Showerhead Holder | 16. Gas Tap | 27. Filter |
| 6. Heating Light | 17. Propane Canned GAS | 28. Power Light |
| 7. Water Level Light | 18. Battery Cover | 29. Power Switch |
| 8. Power Light | 19. Shower Switch | 30. Power Cord |
| 9. Control Panel | 20. Showerhead | 31. Car Power Plug |
| 10. Temp. Knob | 21. Power Light | |
| 11. Warning Light | 22. Water Level Light | |



III. Directions for Use



1. Equipment setup:

- 1.1** Take out the shower from the carrying bag and place it on a flat and stable surface.
- 1.2** Take out the showerhead set, connect the hose to main body, and then place the showerhead on the showerhead holder.
- 1.3** Take out the power cord set and, after connecting it to the DC 12V car socket, turn on the switch on the car power plug (power light will turn on).
- 1.4** Take out the gas tube, connect it to the alpine gas tank and place the tank properly on a flat surface.
- 1.5** Confirm that there is no obstruction to the bottom vent and make sure no combustible materials are within the surrounding 5 meters.
- 1.6** Make sure the battery has been installed on the showerhead and the battery cover has been tightened.
- 1.7** Turn on the gas tap.



2. Fill the water tank:

- 2.1** Twist the water cap off and inject clean water to the full water level mark.
2.2 Replace the water cap.

3. Turn on the main power supply and set the temperature:

- 3.1** Turn the temp. knob clockwise from OFF to 0, i.e., starting the main power (power light will turn on).
3.2 Turn the temp. knob clockwise to the needed temperature (0 to 45°C), the product will automatically determine whether heating is necessary.
3.3 If the temperature control system determines that storage water needs to be heated, it will initiate auto-ignition (the heat light will turn on).
3.4 The heating operation will automatically stop after the water has reached the set temperature (heating light will turn off). If the water temperature is below the set temperature during use, this product will automatically start the processes of 3.3 to 3.4 until the end of use.

PS. If the water in the tank does not need to be heated, just turn the knob to "0" and the showerhead can still provide water without being heated.

4. Start shower:

4.1 Take the showerhead from the showerhead holder and depress the shower switch on it continuously. The showerhead boot action will be completed when the power light flashes green three times and remains green. If a red light flashes, it indicates that the battery's charge is insufficient and needs to be replaced with a new battery (Model: CR-2032) in order to perform the normal operation of this product.



4.2 After the completion of boot, tap the switch once then release it immediately and the showerhead will start providing water continuously; to stop the water, just repeat the same process of tapping the switch once then releasing it immediately.

4.3 When the water in the tank is below the 1/2 level, the main body will send out two alarm sounds and the water level light on the control panel will flash continuously. The water level light above the showerhead will change from green to red to remind user that the remaining water is already below the level of 1/2.

4.4 When there is no water in the tank, the water pump will automatically stop running and the thermostat function will also be suspended until the water tank is refilled.

4.5 After finishing the shower, please depress the shower switch continuously and release it when the power light flashes red three times to complete the shutdown action. To save energy, the booted showerhead will automatically shut down if it is not used after 20 minutes of standby period. To start use, please follow the boot operation procedures specified in 4.1.

PS. As long as the main power is turned on (turning the temp. knob to "0"), the showerhead will still provide water even if the heating temperature is not set.



5. Use completion and storage:

- 5.1** Turn off the power and gas , disconnect the power plug from the car socket, and then separate the alpine gas tank from the gas tap.
- 5.2** Return the power cord and gas tube to designated storage space.
- 5.3** Rotate to remove the showerhead set connected to the main body, and pour the residual water out of the hose.
- 5.4** Unplug the drain plug at the bottom of the product to fully discharge residual water inside the tank.
- 5.5** Clean the main body cover as well as the inside part of the water tank with a soft rag, and place the product to dry.
- 5.6** Store the main body and showerhead set in the carrying bag after the product is dried.

IV . Descriptions of Each Alarm:

1.1/2 level alarm : when the water level in the tank is less than 1/2, the control panel will sound two alarms and the water level light will flash continuously. The water level light on the showerhead will change from green to red, to indicate that the remaining water is less than 1/2.

2.Ignition abnormal alarm : if the ignition is not successful for three times in a row (for example: gas tank has run out), the control panel of the heat light will blink continuously and send out two alarm sounds. After troubleshooting (e.g.: replacing gas tank), power to the main body needs to be reset for re-starting. If the problem continues and cannot be eliminated, the product must not be used and must be returned to factory for repair.

3.Abnormal temperature alarm : the normal temperature of this product ranges from 0 to 45°C (only available for heating, no cooling function). If the temperature control function fails and the water temperature reaches 50°C, both of the heating and warning lights on the control panel will blink and a continuous alarm sound will be sent out, and the water flow will automatically stop. Under such conditions, stop using the product immediately and return it to the factory for repair.

4.Abnormal voltage alarm : this product should be connected to a DC 12V car socket. When the external power supply voltage is too high or too low, both of the power and warning lights on the control panel will blink and a continuous alarm sound will be sent out. Under such conditions, shut off the power immediately to avoid damaging the product.

5.Abnormal water-level alarm : when the water level sensor is damaged or abnormal, both the water level and warning lights on the control panel will blink along and the alarm will sound continuously. Under such condition, stop using the product immediately and return it to the factory for repair.

PS. When alarms mentioned in items 2 to 5 occur, the heating and water flow functions will be automatically stopped. In such cases, stop using the product immediately and return it to the factory for repair to ensure safe use.

v. Troubleshooting:

1. The power light is off:

1.1 Check whether or not the power switch on the plug is turned on and the light on switch is on.

1.2 Check whether the position of the temp. knob has already been turned clockwise from "OFF" to "O".

1.3 Check whether or not the external power supply is normal.

2. No water flow at showerhead:

2.1 Check whether the water level in the tank is too low so that the water automatically stops flowing.

2.2 Check if the showerhead is switched on or not.

2.3 If a motor movement sound is generated inside the main body when the showerhead switch is pressed, such dysfunction may be because of gas accumulation in the outlet hose. Lightly and repeatedly shake the hose and press the switch several times to exhaust gas accumulation.

2.4 Check whether the showerhead battery power is adequate or not (power light should be green. If a red light is displayed, the battery shall be immediately replaced in order to restore normal operation).

2.5 If the warning light is lit, there has been equipment movement resulting in interruption of water flow.

3. Failure of auto-ignition heating:

- 3.1** Check the temperature setting on the control panel.
- 3.2** Make sure the set water temperature is not below the tank water temperature (can be tested by increasing the set temperature). If the set temperature is below the tank water temperature, the auto-ignition will not be initiated.
- 3.3** Check whether or not the gas tap is turned on as well as the sufficiency of gas in the tank.
- 3.4** If the warning light is lit, there has been equipment movement resulting in interruption of heating.
- 3.5** Check whether the water level in the tank is too low, which results in stopping heating.
- 3.6** Check whether or not the power switch of both power plug and main body is turned on.

4. Failure to stop the heating ignition:

Such condition indicates that the temperature control system is damaged. Please turn off the manual switch on gas tap and all power switches simultaneously and, after confirming that there is no fire at the bottom of the stove, remove the gas tank and send the product back to the factory for repair.

5. Flashing of both power and warning lights and the continuous alarms:

5.1 Check the stability of the external power supply. An abnormal alarm will be generated when the power is too high or too low. Disconnect the external power source to make sure the voltage is normal and, if it is, then connect it to the product.

5.2 If the abnormality continues to exist even if the external power supply is normal, turn off the power and gas tap and send the product back to the factory for repair.

6. Flashing of water level and warning lights and the continuous abnormal alarms:

This indicates water level sensing system damage. Turn off all power switches and, after confirming that there is no fire at the bottom of the stove, remove the gas tank and send the product back to the factory for repair.

7. Flashing of both heating and warning lights and continuous alarms:

This indicates that the temperature control system is damaged. Please turn off the gas tap and all power switches simultaneously and, after confirming that there is no fire at the bottom of the stove, remove the gas tank and send the product back to the factory for repair.

To other abnormalities or the troubles mentioned above which cannot be eliminated, please stop using the product and return it to the factory for repair.

VI. Items of Content:

- 1. Shower main body x 1.
- 2. Showerhead set(including hose) x 1.
- 3. Carry bag x 1.
- 4. Operation guide x 1.



VII. Product Information:

- 1. Name: Outdoor Shower
- 2. Model: PSG - 20
- 3. Origin: Taiwan
- 4. Material: Stainless steel, aluminum, silicon rubber, plastic (ABS / PC), copper and iron.
- 5. Size: about 35cm (length) x 35cm (width) x 43cm (height).
- 6. Weight: empty machine about 12kg.
- 7. Storage capacity: about 13L.
- 8. Power: DC 12V, 2A (Max.)
- 9. Power Cord Length: 3M.
- 10. Shower host length: 2.5M.
- 11. Showerhead Battery: CR-2032.
- 12. Consumption: 7,200BTU/HR
- 13. Gas Type: Propane Canned Gas
- 14. Gas Pressure: <3kg/cm²