

Instruction Manual

DSL - 30N

Storage Boiling Water Heater

For proper operation and maintenance please
Read the instruction manual before installation.

Instant Hot Water Heater



Gleamous[®]

www.gleamoushotwater.com.au



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Thank you for choosing the DSL 30N boiling hot water unit. To enjoy the service of this unit, please read this manual carefully and follow the instruction.



I. Safety Guidance for user

- 1.The unit shall only be installed and maintained by an authorized service provider or a qualified electrician. We urge you to read all of the instructions thoroughly before installation or operation. The manufacturer will not be liable for any damages caused by faulty installation..
- 2.Warning: The unit must be properly earthed.
- 3.Before switching the power on, make sure that all plumbing pipes are connected, the unit is filled with water and water flows from the outlet.
- 4.If the power supply cable is damaged it must be replaced by an authorized electrical contractor.
- 5.The heater unit is designed to be installed for indoor use only and should never be installed in an exposed area.
- 6.The unit should not be installed in a place subject to freezing.
- 7.This heater is not intended to be operated by children, or mentally impaired personnel, unless under adult supervision and guidance.
- 8.The outlet water temperature is delivered at up to 95°C, avoid contact with hot water to prevent scalding.
- 9.This boiling water heater is not intended for any other use than to provide boiling water 24hrs a day.
- 10.Children are not allowed to play with the water unit.



II. Precautions

- 1.This hot water unit should be installed on a separate circuit 35amp 240V~, 50Hz power supply.
- 2.The water heater should be properly earthed.
- 3.After installation, it is important to fill the unit with water before switch the power on, so as to prevent it from dry-burning and damage.
- 4.The power switch for the heater should be installed in a dry place.
- 5.Damaged power cables should be replaced by qualified electrical contractor or service provider.
- 6.If the unit is to be left unattended for an extended period of time in a cold region, draining the water tank is recommended to avoid freezing.
- 7.In the event of a fault from the heater, contact your authorized service provider.
- 8.An earth leakage switch with a 30mAmp circuit-breaker is required to install at the main switchboard.
- 9.Only use tap supplied with the unit for delivery of boiling water.
- 10.Switch off the power to the water heater when you are not using water heater for long time.
- 11.For sterilization, at least 90% of the stored water is heated to 60°C for at least one single period of not less than 32 min in each 7 day period.



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III. Part Designation and Installation Diagram

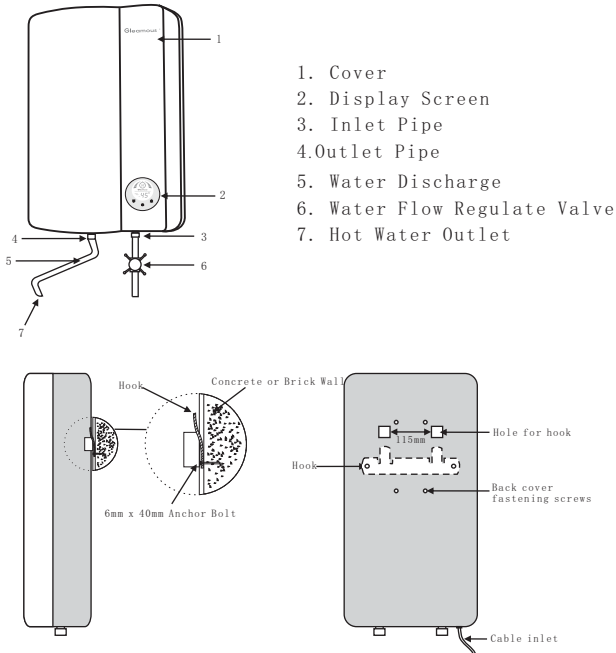


Fig. 1



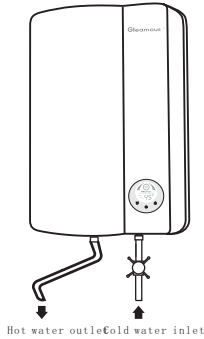
Installing procedures

1. The electric water heater should be installed on wall, vertical, outlet & inlet connectors facing down. First determine the installation position of the heater required and then make two holes in the wall reference to the mounting holes as shown in Fig. 1. Securely anchor bolts with nuts. Make sure it is fully fastened before attaching the product to the hook.
2. Connect the unit to the main water pipe and inlet should be installed to a Non-Return Isolating Valve (tap) which controls water flow.
3. The unit shall not be turned on until the unit is filled with water, and checked for leaks.
4. During the heating cycle, water will drip from the spout due to the thermal expansion, which is normal. Tightening the inlet tap will not stop this and may damage the tap.
5. **DO NOT USE TEFLON TAPE** when connecting hoses to cold and hot water inlets of the water unit.

Method to fill the hot water unit tank: Open the inlet tap till outlet has constant water flow.



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The Installation shall comply with AS/NZS 3500.4

Fig. 2

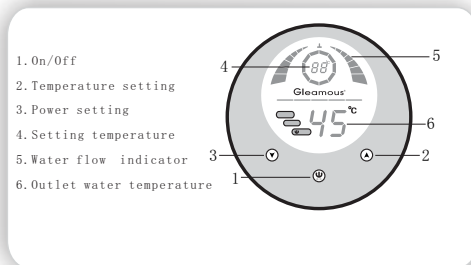
Hot water outlet Cold water inlet

LED

LED display type

- 1) Switch on the unit, the buzzer sounds once the unit is in standby mode.
- 2) Press the ON/ OFF button, the screen will light and the unit starts heating; press the button once again to stop heating.
- 3) Press Temperature Setting button to set heating temperature from 35°C to 95°C. Press the button each time, the temperature will increase in 5°C. When in setting state, the LED screen will flash the temperature setting for 3 seconds. After setting the temperature, it will show the temperature of the water in the tank.
- 4) Press "Power Setting" button to choose the heating power for the heater. The user can choose different heating power according to requirement.
- 5) Malfunction code of water heater:
"E1" means electric current leakage has occurred.
"E2" means the temperature sensor of outlet water is open/ and has short circuited.
- 6) When the water in the tank has reached its set temperature, the unit will stop heating and it will go into warm mode.
- 7) The unit has memory function. Press "ON/OFF" button when using next time, the unit will revert to last working temperature.

LED Display type control panel





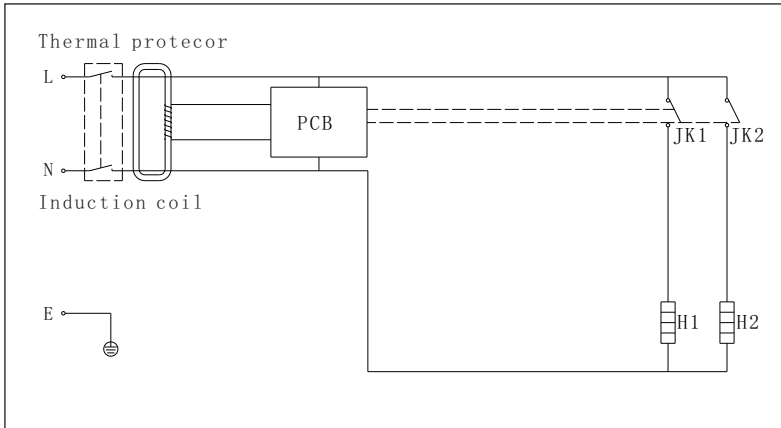
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IV. Specifications

Model Number	Rated Voltage	Rated Power	Recommended Breaker	Rated Capacity	Rated Pressure	Dimension
DSL-30N	240V~	3KW	25/32 Amps	5L	0KPa	441*250*162mm



V. Schematic Wiring Diagram



Schematic Wiring Diagram



VI. Maintenance

1. Clean the water heater with a soft cloth. Never wipe it with detergent.
2. The entire water heater, electric connections and water connections should be inspected by qualified service personnel at least once every two years.
3. Elimination of residual water in the water tank:
 - a. Isolate power to the water unit.
 - b. Turn water off at the inlet.
 - c. Remove the inlet Regulator Valve and drain water out.



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VII. Troubleshooting

Trouble	Inspection	Solution
No water output Low flow rate	Check the water supply for failure. Check that all valves are opened.	Inspection
No hot water output	Check the heating pipes for damage. Check the circuit breaker for operation.	Contact the service department for repair.
Power indicator not light Screen no display	Check that the unit is connected to power supply. Check that the fuse is blown.	Inspection
Low water temperature	Check that the temperature setting is low.	Set the required temperature.
	Check that water is inadequately heated after usage.	Wait for preheating.
Tripping	Short circuit	Switch off the power supply and contact the service department.

VIII. Packing List



Electric water heater 1



Hook



Instruction manual 1



Anchor bolt



High-pressure connecting pipe (optional)





Gleamous® Australia - 2 YEAR WARRANTY*

We warrant parts for Two (2) years Domestic use and One (1) year for commercial use from date of purchase, Gleamous (model GL5 / DSL / DSK) be free from defects in material and workmanship under normal use and service. The obligation of Gleamous Australia under this warranty is limited to repairing or exchanging any part of the water heater which proves defective within the specified period and which our examination shall disclose to our satisfaction to be defective.

Warranty details outlined:

The above warranties shall not apply to such water heater or part there of which in our opinion has been subject to accident, alteration or any thermostat having fixed temperature altered, abuse, misuse, has suffered any damage by flood, fire or act of God or if any repairs have been made or attempted to be made by any person/s not approved by us. The warranty shall not extend to any loss suffered by or resulting from the non- operation of the water heater or part thereof.

We will not incur any obligation or liability whatsoever under warranties for any damage or harm which may arise directly or indirectly as a result of the water heater being installed by others than a registered qualified plumber or being connected to a water or power supply not in accordance with the regulation of the relevant electric, water and health authorities.

The following items are specifically excluded from normal terms or warranty:

- Damage as a result of transportation, removal or storage.
- Damage due to connection to incorrect water supply.
- Damage or faulty operation due to foreign matter in the water supply.
- Damage or faulty operation due to the corrosive elements in the water supply.

Notwithstanding anything contained herein, the electric water heater shall continue to be subject to any implied warranty provided by the trade practices Act 1974, if and to the extent that the said Act is applicable and prevents the exclusions, restrictions or modification of that warranty.

This warranty will apply Australia / New Zealand wide for parts only provided the water heater or part is forwarded carriage paid both ways at owners risk to Gleamous Australia.

Service costs by others are not covered by the warranty and are at the user's expense. In the event of any claim being made under the warranty, it is the original purchaser's responsibility to provide evidence of purchase and date of purchase.

A nominal service charge may be made should the appliance be found to be in a normal working condition.

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INSTANT HOT WATER SOLUTIONS



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