

# Instruction Manual

## DSK - 45EP

### Instant Hot Water Heater

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

#### Instant Hot Water Heater



**Gleamous**<sup>®</sup>

[www.gleamoushotwater.com.au](http://www.gleamoushotwater.com.au)



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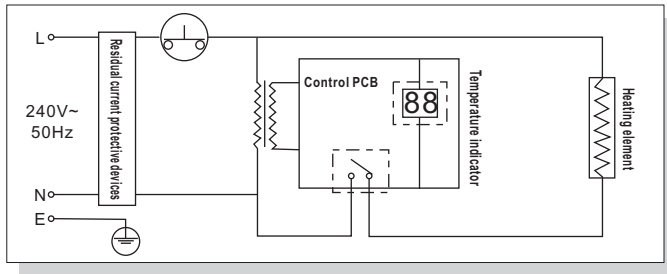
Thank you for your choice of our products. To enjoy the service of this unit, Please read this manual carefully and follow the instruction rules.



## I. Product Features

1. Energy-saving
2. Supply hot water on-demand
3. Easy operation
4. Endless Hot water
5. 240 volt 15amp
6. LED Temperature display

## II. SCHEMATIC WIRING DIAGRAM FOR DSK-45EP



SCHEMATIC WIRING DIAGRAM FOR DSK-45EP



## III. TECHNICAL PARAMETERS

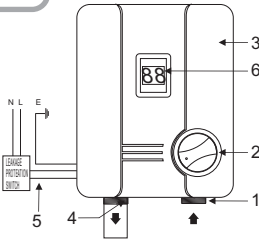
Model	Voltage	Frequency	Power	Rated Pressure	Splash proof	Dimension
DSK-45EP	240V~	50Hz	3.3kW	0KPa	IPX5	182×83×244mm



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## IV. Part Designation and Installation Diagram



1. Mains Pressure Cold Water Inlet
2. Adjustable Temperature Setting
3. Safety Cover
4. Hot Water Supply Outlet
5. 15 AMP power cable
6. Digital Temperature display

Fig1 DSK-45EP

### Installation diagram

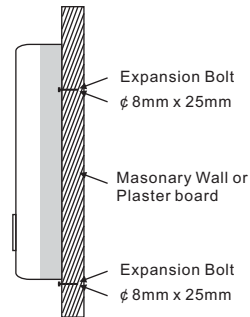
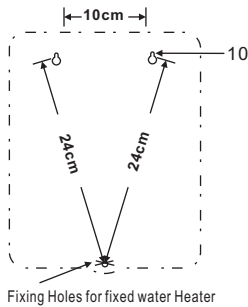


Fig2 Installation diagram of DSK-45EP

## V. Installation procedure



1. The unit must only be installed by a licenced Electrical Contractor.
2. A earth leakage circuit breaker with 30mA is required to install for the circuit controlling this unit.
3. The electric water heater should be wall-mounted installed. First determine the right position for installation of the unit (See fig 2). Mark & drill three holes(8mmx25), insert the expansion bolt on the top, keep



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- 6-8mm out of the wall. Mount the unit and determine the position of the hole for the expansion bolt to fixed the unit, then drill the hole and fasten the bolt.
4. The cold water supply to this unit must be portable & be within the guidelines of the local authority. Before switching on the power, make sure that all plumbing connection are completed, and the unit has water flowing through the unit.
  5. The unit must be properly earthed into 15amp power circuit .
  6. The unit is only to be installed indoors and in a dry location
  7. This heater should not be located where ambient air temp drops below 5°C
  8. **DO NOT USE TEFLON TAPE** when connecting hoses to cold and hot water inlets of the water unit.



## VI. Operation Instructions:

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1. Before you switch on the power for the first time , make sure the unit has water flowing from the water outlet.
2. Switch on the power, the power indicator will light, the unit is on standby. Regulate the temperature control knob on the cover of the unit to your desired water temperature. Hot water will flow out in a few seconds. Turning the water outlet valve off will automatically stop the power and heating.
3. Water temperature regulation:
  - a. Changing the water flow by adjusting the water inlet valve will adjust the temperature of outlet water.
  - b. When incoming (ambient temp) water temperature is very low, regulate the outlet water temperature by adjusting both water inlet valve and control knob.
4. To regulate the water temperature only by water inlet valve, turn the control knob clockwise to the max.
5. This heater is not intended to be operated by children, or mentally impaired personnel, unless under adult supervision and guidance.
6. Children are not allowed to play with the water unit.
7. When using water heater, the temperature of the heating tank will be higher than 60°C, it will inhibit growth of Legionella bacteria.



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## VII. Precaution & Maintenance

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1. The product uses separate 240V~, 50Hz power supply ( 15A above )
2. The maximum temperature of the hot water from the heater is 50°C.
3. When the unit is turned off and turned on again some care should be taken as some extremely hot water will be in lines.
4. The water heater should be properly earthed by a qualified electrical contractor.
5. The heater shall only be installed in a dry place where it is kept away from water. Never adjust the unit with wet hands.
6. In the event of fault with the heater, contact an authorized electrical contractor.
7. Clean the water heater with a soft cloth, Never wipe it with detergent
8. Clean the filter installed in the inlet pipe regularly to avoid blockages in the pipeline.
9. DO NOT turn on the power switch if the water in the tank is frozen.
10. Damaged cable must be replaced by authorized electrical contractor.
11. The maximum water pressure for the unit is 0.6Mpa, and the minimum is 0.05Mpa. If the range is exceeded, it will lead to the unit failing to



## VIII. Trouble Shooting

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Trouble	Cause	Solution
No water output	No water supply	Check the water supply
Low flow rate	valves closed or pipeline restricted	Turn on the water source /clean the filter
No heating No hot water	Heating element damaged	Contact your dealer for repair
	Over-heating protector has acted	
	No power	Check the power is turned on
Output temp. is low	Leakage circuit breaker cut off	Circuit leakage, contact your dealer for repair
	Water flow rate is too high	decrease water flow rate



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Tripping	Power supply is short circuiting or electric current leakage	Cut off the power and contact your Electrical Contractor for repairs
Screen display E1	Electric current Leakage	Contact your dealer for repair
Screen display E2	Temperature sensor is short circuit	
Screen display E3	Temperature sensor is open circuit	



## IX Packing List:



Electric water heater 1



O-ring



Expansion bolt 3



Instruction manual 1



High-pressure connecting pipe 1



## 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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