



Geyser

**INSTRUCTION MANUAL
CUM
WARRANTY CARD**



RoHS
COMPLIANT

ISO 9001 : 2015

ISO 14001 : 2015

OHSAS 18001 : 2007

IS:2082





GEYSER

INSTANT PRIME GEYSER

STORAGE PRIME GEYSER

GLASSLINE PRIME GEYSER

Congratulations!

You are now a proud owner of an energy efficient GP Prime Geyser - which are durable, dependable and safe for your family.

Important: Please read this instruction manual carefully before use. This instruction manual contains information as well as recommendations on the proper use of your water heater and its maintenance. This Manual also contains your Warranty Card which needs to be preserve for future reference.

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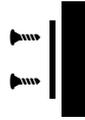
WHAT'S IN THE BOX?



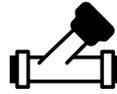
Electric
Water Heater



User Manual cum
Warranty Card



Wall Mounting
Accessories



Pressure
Releasing Valve/
Multi-Function
Valve



Hose Pipe

SAFETY PRECAUTIONS

1. Prior to installing the water heater, check and make sure that the outlet of the water heater has a ground contact and is properly earthed.
2. Connect the water heater only to 230V / 50Hz AC supply.
3. Do not switch on the water heater if it is not filled upto a certain level of water.
4. Never use the water heater if it appears damaged.
5. Do not remove the water heater cover when it is in operation.
6. Unplug the water heater in case of any electrical defect and contact the authorized Service Center for repair.
7. Always unplug the water heater from the electrical mains during any natural disaster.
8. Always clean your water heater by unplugging it from the mains. Servicing of your water heater must be done through an Authorized Service Center only. Avoid using chemical substances to clean the water heater.
9. Do not place the power cord near any heating devices, flammable or combustible agents.
10. Do not use the water heater for purposes not stipulated in this Instruction Manual.
11. Do not use the water heater in an explosive or corrosive environment. Do not store petrol or any other volatile flammable liquids near the appliance. It is very dangerous!
12. It is forbidden to make alterations in the design of the water heater or modify it in any manner.
13. Inlet Valve Should always be kept open.
14. To Minimize Scaling of heating element & Tank Specially in hard water areas Please drain water from water periodically. However, get it done through a qualified technical only.
15. Always get the water heater service once an year.
16. Switch OFF power supply to water Heater & drain out water when not in use to prevent Scaling.
17. Safety devices like safety valve, thermostats are pre-set & sensitive devices. Do not tamper them. This could be hazardous.
18. In case you observe any abnormality of operation or sound coming from inside of water heater, immediately switch off the main power supply to water heater & contact to nearest authorized service centre.



PERFORMANCE CHARACTERISTICS

GP INSTANT PRIME GEYSER



INNER CONTAINER

Made of heavy gauge S.S. 304L sheets to withstand a bar pressure of 87 PSI.



OUTER BODY

The outer body is made of high quality ABS plastic material, which is rust proof, shock proof and scratch resistant.



HEATING ELEMENT

ISI approved, mineral filled, copper sheathed, electroplated elements rated at 3 KW are used.



INSULATION

Superior Glasswool Insulation to prevent heat loss

GP STORAGE PRIME GEYSERS (ABS & CRC WATER HEATERS)



INNER CONTAINER

Hydraulically pressure tested at 60N/cm² (87 PSI) as a standard.



OUTER BODY

ABS - It is made of a scratch free, rust proof and shockproof material.

CRC - Powder coated body made of a heavy gauge CRC sheet and stove enameled for an elegant look and long life



HEATING ELEMENT

ISI approved, mineral filled, copper sheathed element rated at 2KW are used.



INSULATION

Superior Glasswool Insulation to prevent heat loss

GP GLASSLINE PRIME GEYSER



INNER CONTAINER

Glasslined Enamel Coating to protect from corrosion and incrustation. High pressure water heaters are pressure tested at 80N/cm² (120 PSI approx)



OUTER BODY

ABS/MS Powder Coated Body for scratch free, rust proof and shockproof material.



HEATING ELEMENT

ISI approved, mineral filled, copper sheathed element rated at 2KW are used.



MG ROD

The water heater is fitted with an anode rod for protection against rust and corrosion of the inner tank.

KNOW YOUR WATER HEATER

THERMOSTAT

11" or 7" Stem Type, Capillary Type snap action ISI marked thermostat is used for automatic control of water temperature to preset value. It is generally set at $70\pm 5^{\circ}\text{C}$.

THERMAL CUT-OUT

For additional safety, a thermal cut out is fitted for disconnecting the electrical supply. It is generally set at $90\pm 6^{\circ}\text{C}$.

SAFETY (IN ABS/CRC MODELS)

- Pressure Release Valve (PRV)
- Fusible Plug

SAFETY (IN GLASSLINE MODELS)

Multi Function Valve (MFV)

NON RETURN VALVE (Available in SS Model only)

A siphon hole in the inlet pipe is provided that acts as a non-return valve.

INDICATING LAMPS (Available in some models)

Two lights (green and red) indicate that the water heater is on or off.

TEMPERATURE CONTROLLER (Available in some models)

The temperature of the outlet water can be precisely regulated and controlled.

FUSIBLE PLUG

This is a safety device installed in the water heater for protection against overheating

ANODE ROD (Available in Glassline Models)

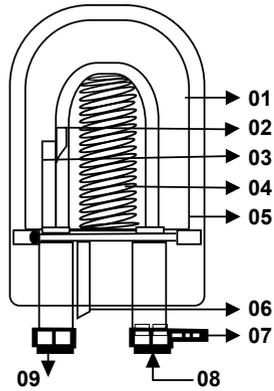
The water heater is fitted with an anode rod for protection against corrosion of the inner tank.



KNOW YOUR WATER HEATER

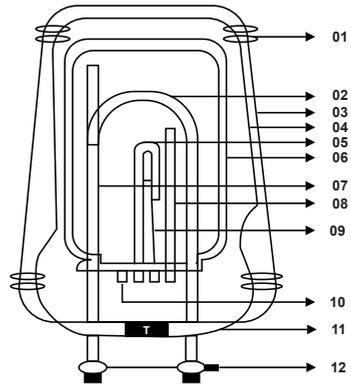
INSTANT PRIME GEYSER

- 1. Outer Body
- 2. Thermal Cutout
- 3. Element
- 4. Thermostat
- 5. S.S Tank
- 6. Drain Pipe
- 7. Safety Valve
- 8. Inlet
- 9. Outlet



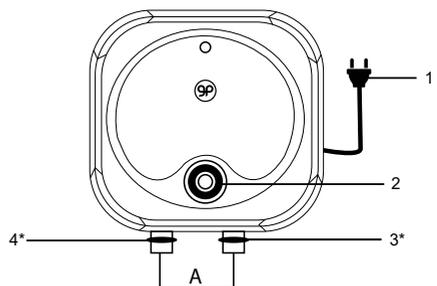
STORAGE PRIME GEYSER

- 1. Decorative Band
- 2. Inlet Pipe
- 3. Outer Body
- 4. PUF/Glass Wool
- 5. Element
- 6. Inner Tank
- 7. Outlet Pipe
- 8. Thermostat
- 9. Thermal Cut-Out
- 10. Drain Pipe
- 11. Indicator
- 12. Pressure Release Valve



GLASSLINE PRIME GEYSER

- 1. Power cord
- 2. Temperature controller handle
- 3. Inlet nozzle*
- 4. Outlet nozzle*



IMPORTANT TIPS

DRAIN PIPE

While installing your Water Heater, please ensure that the drain pipe faces downwards.

HARD WATER

In hard water areas, a salt deposit (scale) forms on surfaces in contact with water. This reduces heat transmission and causes failure of the element. In such areas, the door assembly should be removed and checked atleast once in a year. The deposits, if any, can be removed by scraping or cleaning the element with diluted Hydrochloric acid.

PRESSURE RELEASE VALVE (PRV)

The PRV should never be tightened or blocked by any means to prevent it from dripping or releasing excess pressure inside the water heater. The consequences of such an action may be disastrous. Pressure release valve if tampered, in any manner, voids the warranty of the water heater. The company shall not be responsible for any consequences arising out of such tampering.

HIGH PRESSURE AREAS

Your water heater is rated for a maximum pressure of 80N/cm² (120 PSI) or 20 meters (66 ft) of water head. If the water pressure is more than the rated pressure, a pressure reducer should be fitted to reduce the pressure below 2.0kg/sq.cm (28 PSI).

WATER PRESSURE

The bottom of the overhead tank should be at least 1.0 m from the top of the water heater. Use a 25 mm pipe for the cold water line with minimum bends. An air vent should be provided near the overhead tank to avoid airlock.

INLET VALVE

Never close the inlet stop valve during the use of the unit

AUTOMATIC THERMAL CUT-OUT

Because of the automatic thermostatic control, the storage water heater may be kept on 24 hours. If the thermostat fails to operate, the thermal cut-out is so set that it will automatically cut off the power supply when the water heater exceeds a specific temperature or gets dry heated.

FLUSHING OUT / DESEDIMENTATION

To flush out sediments deposited in the tank, periodically drain water with the help of the drain plug.

TEMPERATURE SETTINGS

For soft water, we recommend a maximum setting between 60°C and 65°C. For hard water areas, a maximum setting of 50 °C -55°C is recommended.

OFF SEASON

For off season discontinuation, remove the drain plug and drain out the water from the heater.

Security Valve

This electric water heater has a single-directional safety valve. It must be installed at the water inlet. When the tanks pressure is over 0.8 MPa (For Glass line tank) & 0.6 MPa (For Stainless steel tank) Geyser. This valve will automatically release the pressure to protect the water heater against high inlet water pressure (mostly installed in High rise buildings)



INSTRUCTIONS FOR INSTALLATION

1. The Water Heater can be installed over a washbasin, a kitchen sink or in any other place where it will not hinder you. Please note that all pipes must be placed on the bottom part of the water heater.
2. The wall where the electric water heater is to be mounted must be able to withstand at least double the weight of the water heater when fully filled with water. There must be no cracks or other signs of damage on the wall.
3. If a bathroom is too small, the water heater can be installed in any other place unexposed to direct sunlight and beyond the reach of moisture. However, to reduce heat loss, the location where the water heater is installed must be as close to the taps as possible.
4. Select a position where the outlet point for hot water is close to the unit. This is necessary for minimising heat loss in the hot water pipeline.
5. Keep a suitable height between the bottom of the storage water heater and the floor, such that the unit causes no obstruction to movement and is also out of the reach of children. There should be sufficient space below the unit for removing the apparatus plate, element, etc. for the purpose of service.
6. After you have chosen a proper place to install the water heater, drill holes in the wall dimensionally fit to anchor bolts (provided with the water heater). Next, fix the mounting strip on the wall with the help of screws. Now, mount the water heater on the mounting strip.
7. Fasten a 230v/50Hz main socket with a single phase and three wires to the wall.
8. Do not install the electric water heater without multifunction valve (In Glassline models only).
9. Before installation the electric water heater check the water pressure of inlet connection. If it is more than rated pressure install pressure reduce valve before connecting with the inlet of heater.
10. Connect the electric water heater power cord with proper 16Amp - 3 pin power socket.
11. Do not connect with naked wires and ensure proper earthing connection.
12. Golden Prime strongly recommends the users/owners to use the ELCB (Earth-leakage circuit breaker)
13. Ensure proper voltage (220V-240V) at the input point.
14. Golden Prime recommends using flexible pipe inlet and outlet points.
15. Do not install the electric water heater with concealed pipe
16. Do not tamper the default setting of multi-functional valve.
17. Switch OFF the power supply before closing the inlet tab.
18. Ensure water hardness should not be more than 100 TDS
19. Golden prime strongly recommends periodic service of water heater by authorized Service centre

INSTRUCTIONS FOR USE

Using the Water heater for the first time:

1. Do not switch "ON" Water heater with Empty TANK (without water)
2. Leave the hot water tap open. Now fill the heater by operating the control valve at the inlet.
3. When the heater is full, water will start following through the hot water tap. Close the hot water tap.
4. Now the heater will always have water inside. Water drawn will be replaced by water from overhead tank.
5. Always keep the inlet control valve open.
6. Now switch "ON" the power supply to the heater

Using the Water heater regularly:

1. Always keep the inlet valve open so that water drawn from the hot water tap is automatically replaced from the mains.
2. When the water reaches the required temperature the thermostat will cut-off the power supply automatically@75 Deg Cel (approx.)
3. The thermostat setting can be changed by the user to suit outlet water temperature true.
4. Lowering the setting of the thermostat will give a lower hot water temperature.
5. Always keep the inlet control valve open.

Maintenance and Cleaning:

1. Check condition of metal flexible pipe at-least once in a year. If found damaged replace with new pipes.
2. Check the condition of power supply cord for "No Damages". Replace it by an authentic supply cord in case of damage.
3. It is mandatory to have regular maintenance of Magnesium Anode Rod every Six Months to avail benefits of tank warranty and same needs to be replaced if needed on chargeable basis through our authorized service centre.



TECHNICAL SPECIFICATION

Capacity	1 ltr	3 ltr	6 ltr	10 ltr	15 ltr	25 ltr	35 ltr	50 ltr
Wattage	3000 W	3000 W	2000 W					
Power Supply	230 Volts, AC, 50 Hz							
Thermostat	Adjustable from 30 to 75°C							
Thermal Cut Out	Set to operate at 90±6°C							
Fusible Plug	Set to operate at 98±3°C							
Inner Container	Tested at 6 Bar of SS Type & 8 Bar of GL Type Geyser							
Pressure	Set to operate between 6 Bar of SS Geyser & 8 Bar of GL geyser							
Insulation	High Density Insulation for Energy Saving							
Heating Element	Incoloy Heating Element							

TROUBLE SHOOTING

S.NO	DEFECTS	POSSIBLE ACTION	ACTION TAKEN
1	Green light not glowing	May be due to the defect of LEDs & thermostat check both	Replace the defective parts
2	Only red light glows	Thermostat not working	Replace the thermostat
3	Sparking inside the water heater	This happen due to the loose electric connection at heating element	Tighten the electric connections then start the water heater
4	Leakage	First check the apparatus plate at heating element , gasket & main gasket then check the water tank	If there is leakage change respective part
5	No hot water	If green light glows & no hot water it means element problem	Replace the heating element

WARRANTY CARD

S.NO	PRODUCT	VARIANT	ON PRODUCT (Warranty)	INNER TANK (Warranty)
1	GP ABS INSTANT	1 & 3 Litre	2 Years	5 Years
2	GP ABS	6, 10, 15 & 25 Litre	2 Years	5 Years
3	GP METAL	6, 10, 15, 25, 35 & 50 Litre	2 Years	5 Years
4	GP ABS PLUS	15 & 25 Litre	2 Years	5 Years
5	GP ABS PLUS GL	15 & 25 Litre	2 Years	7 Years
6	GP ABS SQUARE	15 & 25 Litre	2 Years	5 Years
7	GP ABS SQUARE GL	15 & 25 Litre	2 Years	7 Years
8	GP HYBRID	15 & 25 Litre	2 Years	5 Years
9	GP HYBRID GL	15 & 25 Litre	2 Years	7 Years

GP product is warranted against any manufacturing fault or functioning failure on product from the date of purchase for a period of 2 years, only on production of valid proof of purchase.

In case of any defect or failure, user of the product must carry the product with its accessories to the nearest authorised service centre.

Date Of Purchase ____ / ____ / ____

Product Name: _____

Invoice No.: _____

Model No.: _____

Dealer's Name & Address _____

Customer Name & Address _____

Serial No.: _____

Ean Code: _____



GOLDEN PRIME TECHNOLOGIES

Marketed by:

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