Instant Shower Geyser
Installation Manual / operation guidelines
Model : HM228 (Without Pump)

Most suited for coastal & warm climates

SPECIFICATION :

Power	: 3 Kw , 220 V-240 V, 50 Hz
Min Water Pressure	: 3 PSI/0.2 Kgf/cm^2 (6 ft below water tank)
Max Water Pressure	: 55 PSI/3.87 Kgf/cm^2
Water Connection	: 15 mm (½ " BSP)
Water Temp Control	: Variable step less electronic control
Product Dimensions	: 322 (H) x 220 (W) x 82 (T) mm
Box Dimensions	: 525 (H) x 265 (W) x 120 (T) mm – 3 ply

FEATURES :

- Preferred temp control setting with easy to use step less variable electronic control
- Suitable for low & high pressure
- Saves power

ACCESSORIES :

- 3 way hand shower
- Sliding Shower Rail set
- Soap dish
- Flexible Hose
- Inlet Valve
- Screws & wall plugs

SAFETY :

- Automatic pressure switch to prevent heating element burn out
- High temp cut off at 55^0 C to prevent scalding
- Built-in ELB with Surge Protector

WARNING :

- **This appliance must be earthed properly and installed vertically at 1.6 M to 1.8 M height from ground level for proper operations.**
- **Water outlet acts as vent and must not be fitted to any tap or any concealed fitting is not recommended**
- Stop valve must be connected ONLY to inlet.
- In case of malfunction, switch off mains power at once.

STEPS FOR INSTALLATION :

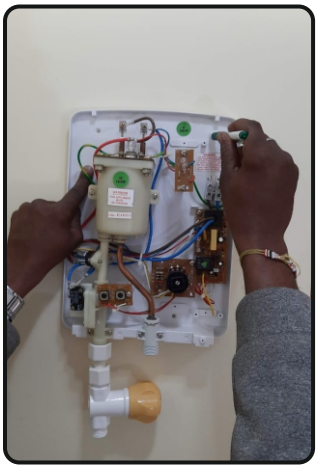
As Opened

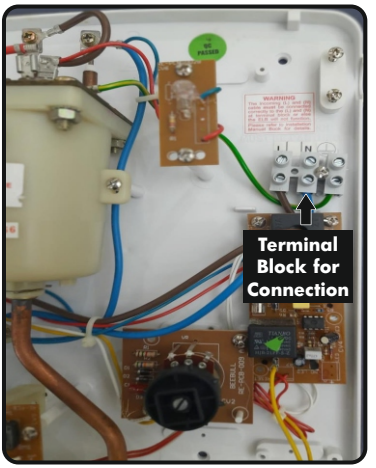
Shower Parts

1-Outlet Hose , 2-Soap Dish, 3 – Shower Holder,
4- 3way Hand Shower, 5- Shower Rail, 6- Shower Rail Holder

Open Screw at the bottom & pull top cover

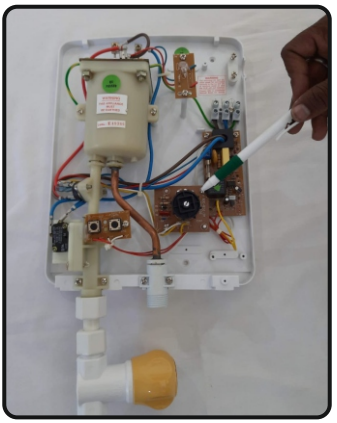
In case of open wiring, pierce hole
with screw driver for cable entry
in the rubber gourmet



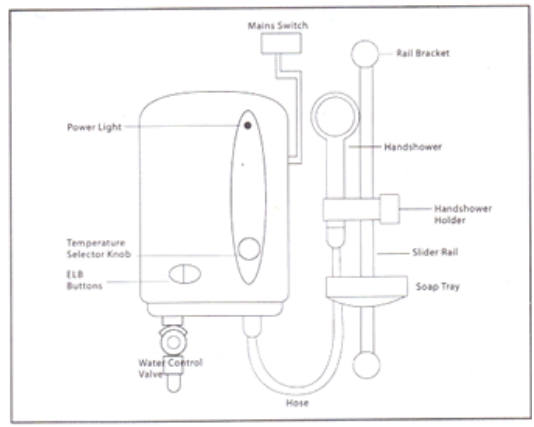


- Mark holes on wall
- Drill , wall insert , fix shower heater securely
- Pull cable through rubber gourmet in case of open wiring so that it is water tight
  OR in case of concealed wiring , open knock down hole and pull cable in.
- Connect Phase , Neutral and earth correctly

TO REPLACE TOP COVER :



- Ensure that temperature control of the unit and top cover are adjusted to zero
- Place the top cover and screw
- Connect Inlet of water to Valve and rubber hose to outlet.



- Assemble the hand shower & accessories provided
- Position the handshower bracket assembly next to heater so that it is at about the same height as the lower edge of the heater unit.
- Connect water inlet to the valve and flexible hose to heater
- Turn on the water and flush out plumbing dirt before fixing the shower hand set.
- Check for water leak.

TO START USE OF HEATER :

- Start the water flow and let cold water flow out of shower.
- Switch ON the power from Switch outside the bathroom Rotate temperature control knob clockwise and lamp will light up. Adjust the desired water temperature by turning knob accordingly.
- After finishing shower, turn off the temperature control knob to off position and let cold water flow out. Switch off the water flow. Switch off the mains switch.
- For video of operations Visit : https://youtu.be/yERXsnJE5Us

OPERATIONS :

1. Power ON mains supply
2. Start water flow and let cold water start flowing thro shower
3. Turn ON the control knob . The heater indicator would light up. The shower would get warmer as the control knob is turned clockwise from ON to MAX till a comfortable temperature is achieved in a steady state.
4. It is recommended to turn off the temperature control knob back to zero before turning the water flow off.
5. In case you need water in bucket, you can put the shower in the bucket or unscrew the shower and put flexible pipe directly in bucket.
6. Pl note that shower will not turn ON unless water flow is put ON
7. The unit has high temperature cut off at 55 deg to prevent scalding. In an event the unit trips, let the cold water flow thro the unit to drop temperature of sensor down, switch off mains power for few seconds for electronics to reset and restart use.

MAINTENANCE :

Spray cap rubber tips should be cleaned regularly with finger nails, especially in hard water areas, to avoid built-up of scale. Failure to do so may result in a build-up of water pressure which could damage the heater unit.