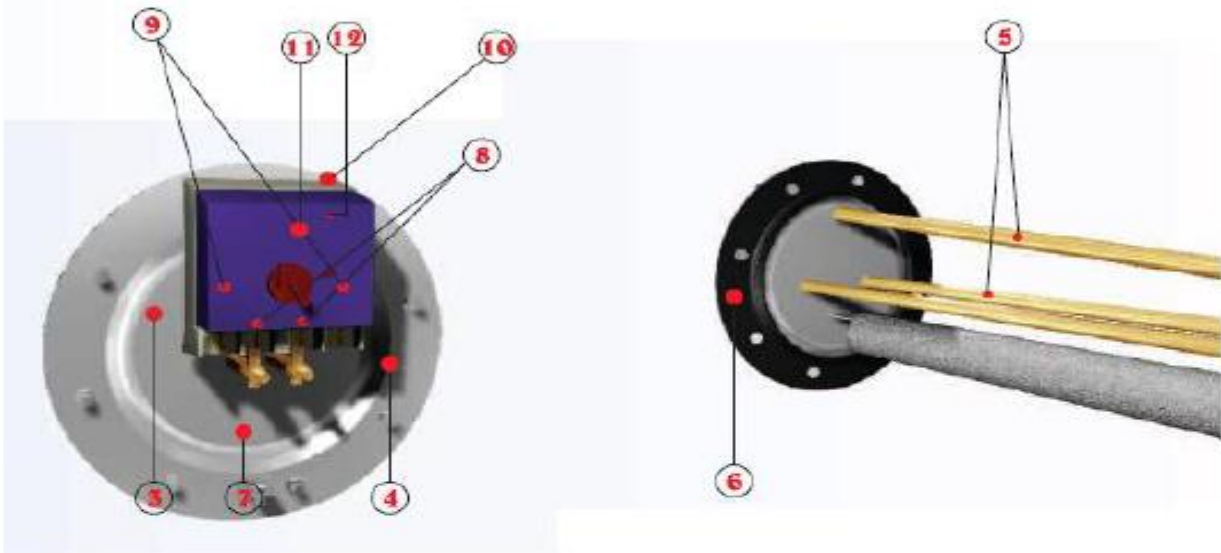


# ELECTRICAL BACK-UP

## ELECTRICAL RESISTANCE AND THERMOSTAT PARTS

1. Electrical back up's tap.
2. Wire introduction hole.
3. Flange with electrical resistance and magnesium rod.
4. Holes' positions for screws (8).
5. Electrical resistance with incorporated thermostat.
6. Rubber insulation washer.
7. Ground terminal.
8. Thermostat electrical resistance connection (performed by the manufacturer)
9. Terminals' nuts.
10. Thermostat.
11. Temperature adjuster.
12. Thermal safety switch.



## ELECTRICAL RESISTANCE CONNECTIONS AND THERMOSTAT

**Step 1:** Shut down the main power switch

**Step 2:** Remove the tap located on the left storage tank's side by unscrewing the three screws.

**Step 3:** The thermostat's connection to the electrical resistance has already been performed by the manufacturer. Please check whether the nuts of the terminals are well screwed.

### NOTE

The thermostat is set at 60°C but can be set to a different temperature through the temperature adjuster. Do not set the thermostat above 75°C.

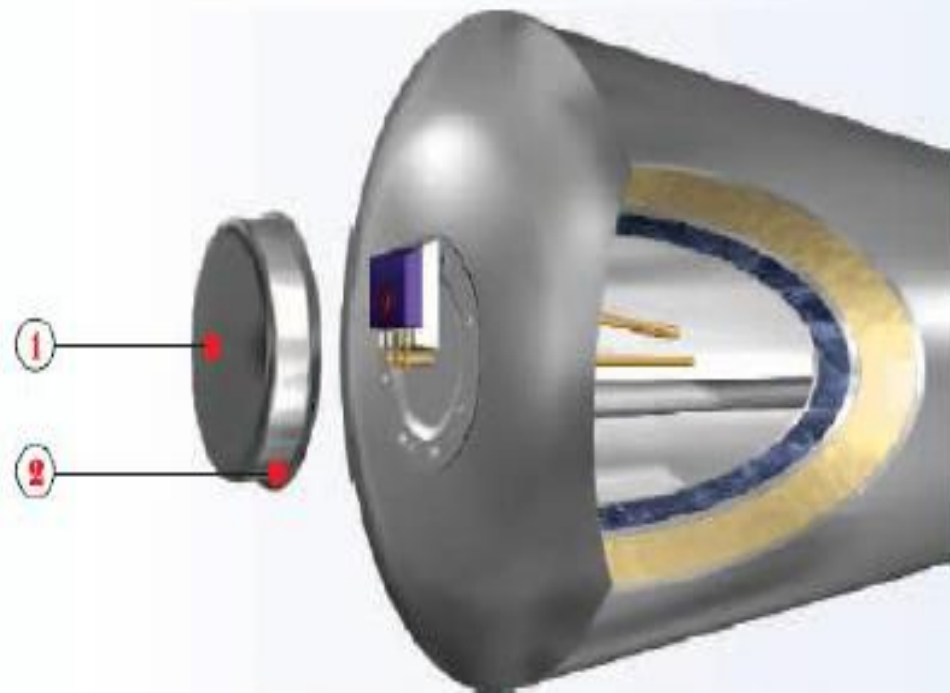
**Step 4:** Verify the location of the thermostat's thermal safety switch. The thermal switch is red and is working when pressed.

**Step 5:** Place the external cord in the respective hole, of the resistance's tap and proceed with the electrical connections, following the electrical connections' chart seen below:

## ELECTRICAL CONNECTIONS CHART



# INSTALLATION OF THE ELECTRICAL RESISTANCE



## GENERAL RULES

- All the electrical connections must be performed according to the local laws in vigour.
- All the connections should be made by authorized electricians.
- Do not switch on the electrical back-up while the storage tank is empty.

## NOTE

The power of the electrical back-up depends on the local conditions of the destination country.