

What is a Smart Geyser Controller

The Smart Geyser Controller is a first-of-its-kind device which is used to regulate and maintain the water temperature of your geyser, ensuring that the temperature does not drop below or rise above your desired, set water temperature. This will save you money each month as your geyser will not be re-heating water unnecessarily.

The Smart Geyser Controller has various components, some of which are installed at your geyser, out-of-sight. The existing thermostat in your geyser is replaced by one of the components namely the temperature probe, this enables the temperature of your geyser water to be controlled more accurately.

ITC4000

According to Eskom, the geyser is responsible for approximately 40% of your household electricity. The ITC4000 will reduce your geyser electricity cost by at least 25%.

The ITC4000 is installed into your existing DB board or next to it, and the DTS Wireless unit and the Power Supply unit are secured and mounted as close to the geyser element as possible. The DTS replaces the existing thermostat in your geyser and operates wirelessly with the ITC4000 controller in your DB board.

The ITC4000 is equipped with 3 timers which you can programme and control as you wish. The ITC4000 controls the water temperature of your geyser to within 1°C of accuracy. You will be able to view the water temperature of your geyser at all times on the display of the ITC4000 controller in your DB board.



According to Eskom, the geyser is responsible for approximately 40% of your household electricity. The ITC4000 will reduce your geyser electricity cost by at least 25%.



SWITCH ON & SAVE

Powered by:



Features

- You will save a minimum of 25% of your geyser electricity cost.
- You will have complete control of your geyser temperature.
- You can programme the unit once or change the setting as often as you like.
- 3-easy-to-programme timers for switching on and off.
- Wirelessly controls your geyser.
- The controller has built-in safety features and will alert you to: overheating, not heating, sensor faults and wireless errors.
- The controller will automatically cut power to the geyser if it detects one of these safety problems.
- Simple to operate.
- View the water temperature at all times.
- Controls your geyser temperature accurately.
- 1 year product warranty*.

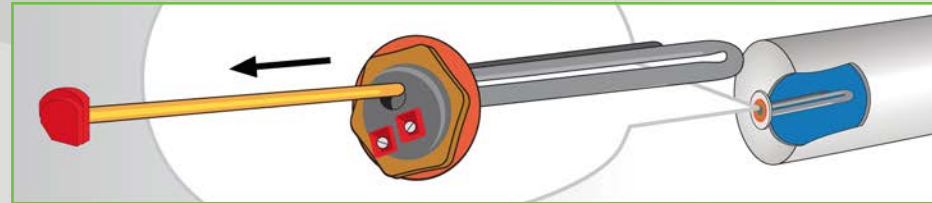


"we are so happy we installed our ITC4000 now we are saving real money every month"

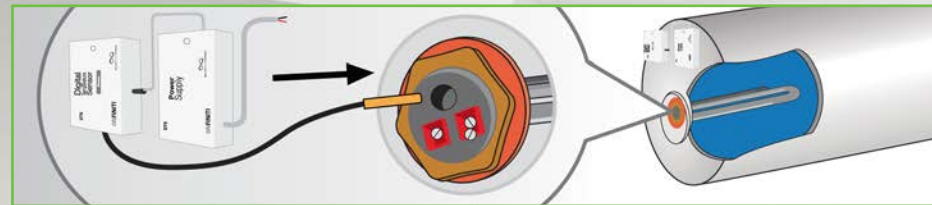
An overview of the installation process



1. Install the ITC4000 unit into or next to the DB board.



2. Remove the existing thermostat from the geyser thermostat pocket.



3. Insert the DTS wireless temperature probe into the geyser thermostat pocket. Connect the DTS power supply to the DTS wireless unit. Connect the power supply to permanent independent 220V AC (not to the geyser live).



4. The ITC4000 unit communicates wirelessly to the DTS unit at the geyser.

Installation of the ITC4000 in relation to the geyser:

Ensure a qualified electrician installs this unit.

How the ITC4000 Operates

Set the desired minimum and maximum water temperatures that you want your geyser to maintain.

You can change the temperature as often as you like, this is useful as in Winter you can set the maximum temperature to be higher than in Summer so that it heats up faster.

Now you can set the first timer for when you want the geyser to switch off and switch back on. For example, you can set the timer to switch the geyser off at 9am, once you have left for work, and switch back on at 4pm, so that when you come home from work the water has reheated. This will be saving you money by not having the geyser on when no one is home.

The 2nd and 3rd timers can be set for different times depending on your household's water requirements.