XEROPHYTE

WATER-SAVING DIGITAL SHOWER
USER GUIDE

WARMING UP

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TRITON

TRITON
For a cleaner conscience

Content

Triton Xerophyte Vision

Our vision is to design and craft aspirational yet practical water conservation solutions that eliminate shower water wastage without compromising the shower experience.

We understand that enjoying a quality shower is an important part of our daily routine. This experience should not be marred by ineffective attempts to save water, or feelings of guilt with your hand under the shower while watching litres of water being wasted down the drain until the hot water arrives.

The Triton Xerophyte has been designed to incorporate innovative water conservation features, while at the same time delivering outstanding performance for the best possible shower experience.

Important Information

This book contains all the necessary instructions for you to operate and enjoy your Triton Xerophyte Water-Saving Digital Shower. Please read them carefully and keep them safe for future reference.

The Triton Xerophyte Mixer Unit **MUST** only be used with the AC power supply cable provided. If this supply cable is damaged, it must be replaced by a qualified person to avoid a hazard.

This appliance should not be used by children under 8 years of age. Children 8 years old and above and persons with reduced physical, sensory or mental capabilities or lack of experience or knowledge must never play with, clean or maintain the appliance and should not use this appliance until they have been supervised or instructed on its safe use and warned of and understand the hazards involved.

Innovative Water Conservation

The Triton Xerophyte's innovative digital shower water flow management technology provides the means to effortlessly and substantially reduce shower water waste and conserve water without impacting your daily bathroom routine or sacrificing the luxury and pleasure you derive from spending time showering.
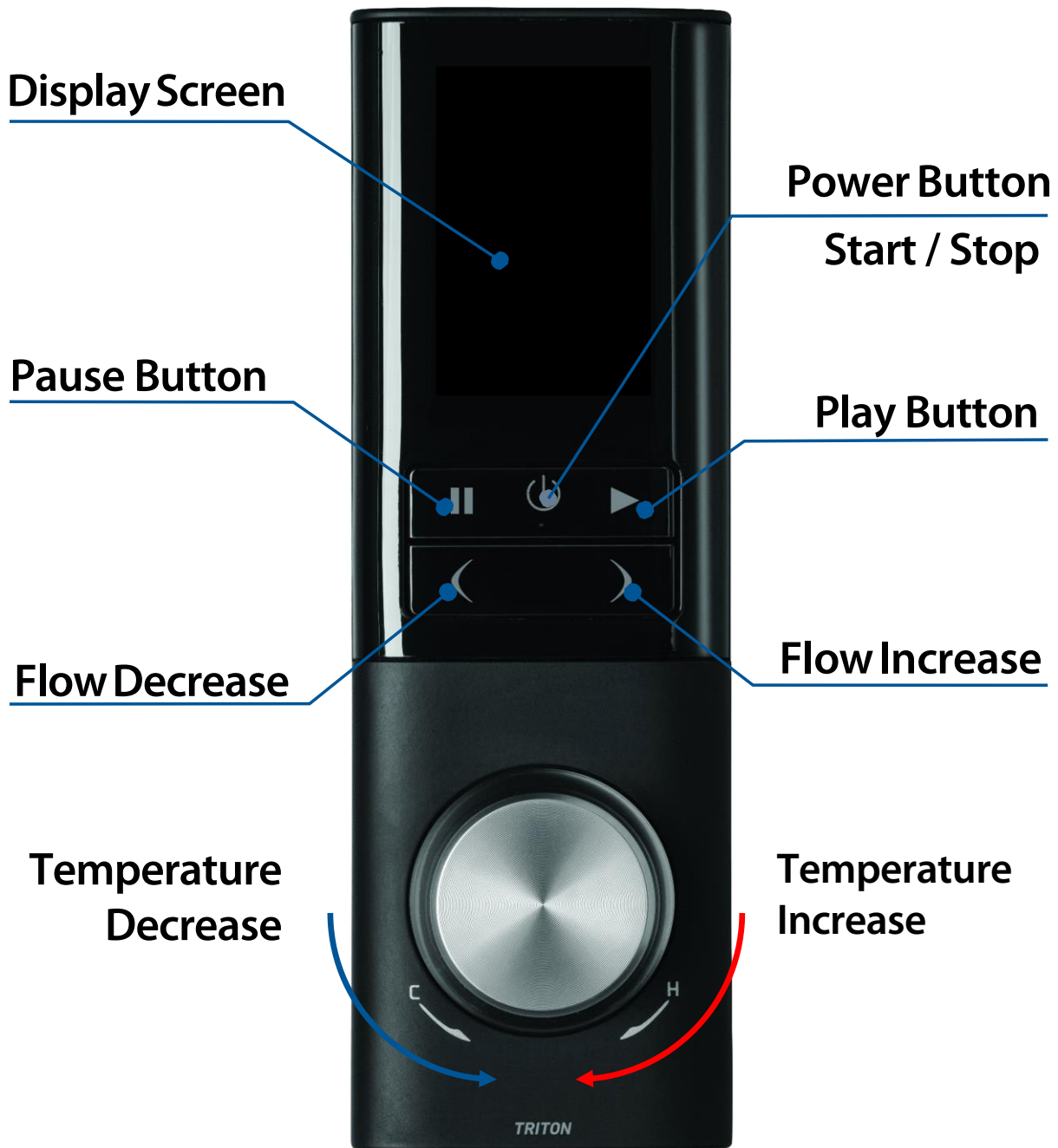
But installing a Triton Xerophyte is not just about removing the need for ineffective, frustrating and messy manual water conservation interventions to your showering routine in times of crisis. Even during times of water abundance, every time you step into a Triton Xerophyte shower you are making a material contribution toward the protection of our precious and fast depleting water reserves.

A single press of the START button lets the Triton Xerophyte know you are preparing to shower. This initiates a water warm-up function, the flow of water from the showerhead prohibited until the water reaches the optimal shower temperature. Once at temperature, an audible "beep" announces that your shower is ready. You are now free to at your convenience step into the shower, press the controller's PLAY button to initiate shower water flow and commence showering. This simple and uncomplicated solution to curtailing the volume of water normally wasted while waiting for the shower water to warm also saves valuable time. While the Triton Xerophyte is preparing your shower, you are free to continue with other personal bathroom routines.

But the Triton Xerophyte's water conservation features are not just confined to its pre-shower water warm-up function. While you are showering, the Triton Xerophyte ensures water flow rates and temperature are maintained at your selected settings for an uninterrupted and optimal shower. And the Triton Xerophyte incorporates a water flow timer selector and countdown display with a mid-session PAUSE/RE-START option to help you adopt a more efficient and focused water-conserving approach to completing your daily shower routine. A warning "beep" sounds 30 seconds before the end of your session to prevent you from being caught unawares when the pre-defined time limit is reached and the water flow automatically stops.

The Triton Xerophyte - conserving precious water has never been so stylish, effortless and pleasurable.

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Triton Xerophyte Controller Unit

Display Screen

Power Button
Start / Stop

Pause Button

Play Button

Flow Decrease

Flow Increase

Temperature
Decrease

Temperature
Increase

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Display Screen Icons

Warm Up Display

WARMING UP PRESS ▶ TO CANCEL AND PROCEED

To cancel the warm-up and commence a cold shower, press PLAY. The cold shower will be ready to start immediately.

WARMING UP

Colour changes as water temperature Increases.

38 ℃ ▶ TO START

The default shower temperature has been reached and your shower is ready.

Configure Icons
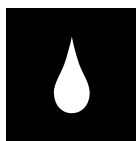
✓ Accept   ↩ Return

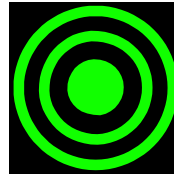## Operating Icons

Full Cold   Flow Rate   Shower

Warning Icons

Wireless connection Present

(Wireless installation only)

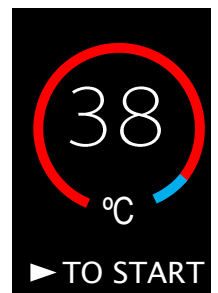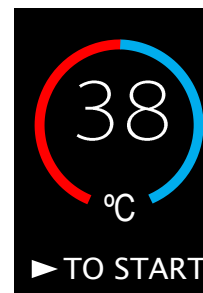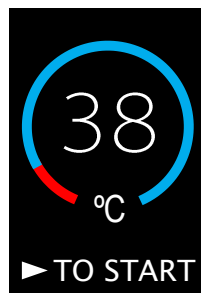**Low Battery**

(Wireless installation only)

Hot Water supply

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PROBLEM WITH HOT WATER SUPPLY

✳ Shower water has not reached the target temperature during the warm-up cycle after 120 seconds - check the hot water source.

**

38 ℃ ▶ TO START   **38 ℃ ▶ TO START**   **38 ℃ ▶ TO START**

**
Target Temperature is displayed. The circle colour changes from blue to red depending on the water temperature available from the hot water source.

Quick Start

1

WARMING UP

SWITCH ON
Press ⏻ to warm-up. A
beep sounds when the
shower is ready

2

38
°C

► TO START

START SHOWER
Press ► to start.
The target temperature
is displayed
.

3

‹ ›

C H

TRITON

SHOWER TEMPERATURE
You can adjust the
water temperature at
any time

4

2
50

SHOWER TIMER
During showering, the
remaining time is displayed
(mins/secs)

5

1
30

PAUSE/RESTARTT
The shower can be
paused and restarted as
many times as needed

6

1
10

FLOW ADJUST
You can adjust the
water flow at any time
during showering

7

0
30

AUTOMATIC STOP
The beep will sound
30 seconds before the
end of the session

8

38
°C

► TO START

RESTART
To extend your
shower session,
press ►

Switching On and Off

Starting your Shower

To prepare your Shower, press the Start/Stop Button ($\bigcup$) to activate the WARM-UP cycle.

To Stop your Shower

Press the Start/Stop Button ($\bigcup$) on the Triton Xerophyte Controller Unit and your shower will stop. The display screen will go back to the ready screen. After 60 seconds the shower will enter into sleep mode.

Note: If the shower has been in sleep mode for 3 minutes, at the next restart it will use your default settings.

Adjusting the Temperature

You can adjust the temperature by rotating the Temperature Dial at any time during showering. Rotate the Temperature Dial clockwise to increase the temperature and anti-clockwise to decrease the temperature.
The temperature display will flash, while the temperature is being adjusted until the target temperature is reached.

NOTE: The temperature setting displayed on the Triton Xerophyte Controller Unit is measured within the Triton Xerophyte Mixer Unit. Depending on your installation this may be 2 °C to 3 °C higher than the water that is delivered at the shower outlet accessory.
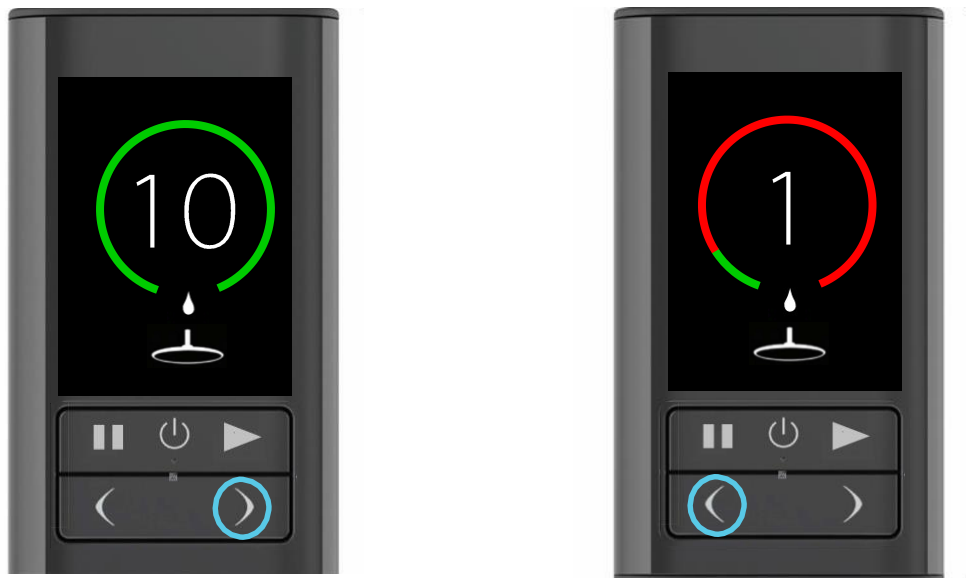
Adjusting the Flow

There are ten flow rate settings; ranging from a low of '1' to a maximum flow rate and highest setting of '10'.

Increasing the Flow Rate

To increase the flow rate of the shower, press the Flow Increase Button (⟩).

Decreasing the Flow Rate

To decrease the flow rate of the shower, press the Flow Decrease Button (⟨).

The amount of green encircling the flow rate selected will increase or decrease as the flow rate is, respectively, adjusted upwards or downwards.

Pause Function

Pressing the Pause Button (▮▮) pauses the shower timer and the water flow. Pressing the Play Button (▶) will restart the shower timer and the water flow. The shower can be paused as many times as needed.

Pause Shower

To pause shower, press the Pause (▮▮) Button

Restart Shower

To restart the shower, press the Play (▶) Button

Settings and Configuration

The Triton Xerophyte Controller Unit provides default function and display re-configuration options to personalize your shower experience. These can be accessed and activated while the Controller Unit is in sleep mode. To activate the Configure (or Configuration) Menu, press and hold down at the same time both the Start/Stop Button ((¹)) and the Flow Decrease Button (( ) for 3 seconds.

Navigate the Configure Menu

When in the Configure Menu, use the Temperature Dial to scroll through the menu options. This icon (<) will appear next to the active setting.
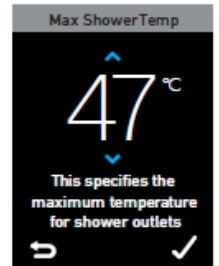
Editing Settings

Use the ▐▐ / ▶ Buttons to interact with the display screen icons ⮌ and ✓ .

Settings and Configuration

Maximum Shower Temperature

You can select a maximum showering temperature up to 47 °C. Using the Temperature Dial, select your desired maximum showering temperature, then save your selection using the Accept Button (✓).

Shower Time

Your showering time default factory setting is 3 minutes, i.e.; 3 minutes after you commence your shower, the water flow will automatically stop and the Triton Xerophyte Controll Unit will return to READY. The Temperature Dial allows you to select your own shower time. Save your setting using the Accept Button (✓).
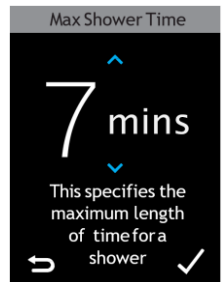
Default Shower Temperature

You can pre-set the initial water flow temperature from the shower head at 32 °C or higher, up to the 'Maximum Shower Temperature' (see above). If you select "OFF", the Triton Xerophyte will prepare your next shower to an initial temperature of 38 °C. Use the Temperature Dial to choose your setting and press the Accept Button (✓) to save.
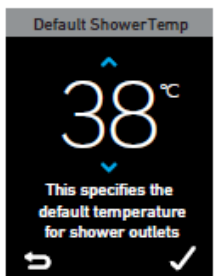
Circulation Temperature Threshold

The Triton Xerophyte warm-up circulation process, i.e.; the process of circulating cold water in the hot water pipes back to the hot water source, terminates at 29 °C. Using the Temperature Dial, select your desired threshold and save the setting using the Accept Button (✓).
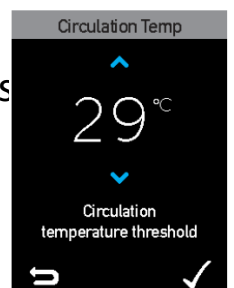
Settings and Configuration

Warm-up Flush

Although rare, in some installations, water in the pipe between the Triton Xerophyte and the shower head might results in the shower starting with an uncomfortable cold spurt. The Warm-Up Flush setting allows you to select an automatic pre-shower flush time. The default factory setting is 0 and the maximum duration is 5 seconds. Your setting can be saved by pressing the Accept Button (✓).
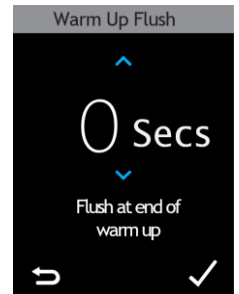
Default Shower Flow

Using the Temperature Dial, you can pre-set the rate of water flow from the shower head. There are 10 flow settings, from the lowest 1, to the highest flow rate at 10. The default factory setting is 10. Save the setting using the Accept Button (✓).
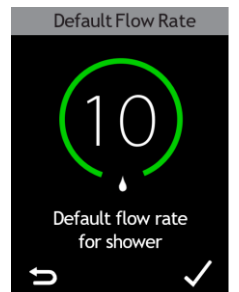
Circulation Time

You can set the maximum time the Triton Xerophyte will circulate if hot water is not detected. Using the Temperature Dial, select the time setting. Save the setting using the Accept Button (✓). The default factory setting is 120 seconds.
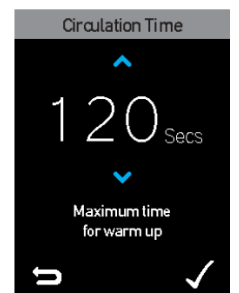
Inactive Limit

You can set the maximum time the Triton Xerophyte will wait for user input before automatically switching off after you have completed or paused your shower. Using the Temperature Dial, select the time setting. Save the setting using the Accept Button (✓). The default factory setting is 60 seconds.
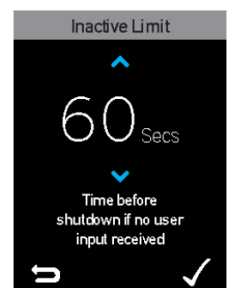
Settings and Configuration

Screen Colour

This setting enables you to choose the display screen background colour. This can be set to BLACK or BLUE. Using the Temperature Dial, select your background colour. Save the setting using the Accept Button (✓). The default factory setting is BLACK.

Water Pressure

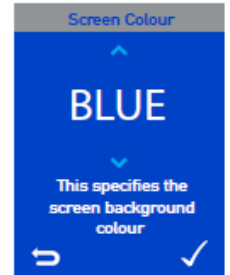This setting enables you to select between LOW or HIGH-pressure installations. Selecting the LOW-pressure setting will activate the pump while showering and increase your water pressure.
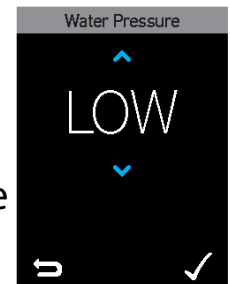
Commissioning

This setting returns your Triton Xerophyte Shower Mixer into commissioning mode. Refer to the Installation guide for further information.

Factory Reset

The factory reset will return all configuration options and shower settings to default factory settings. To confirm the change you must press and hold the Yes Button for 5 seconds. The No Button will cancel the action.
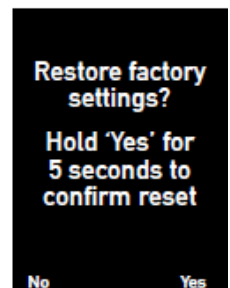
Software Version

The current software version is displayed in dd.mm.yyyy format.

Note: A factory reset and recommissioning is required if the hot water source is moved or replaced at a later stage.

Product Care

Cleaning

It is recommended that your Triton Xerophyte Shower Controller Unit is cleaned regularly with warm, soapy water.

ONLY use a microfibre cleaning cloth (eg: E- cloth) or sponge.

DO NOT use a general-purpose cleaning cloth (eg: J-cloth) dishcloth or scourer.

DO NOT use abrasive or aggressive chemical cleaning products as this may affect the product surface finish and invalidate your guarantee.

Replacing the Batteries (Wireless Connection)

Always use alkaline batteries in your Triton Xerophyte Controller Unit.
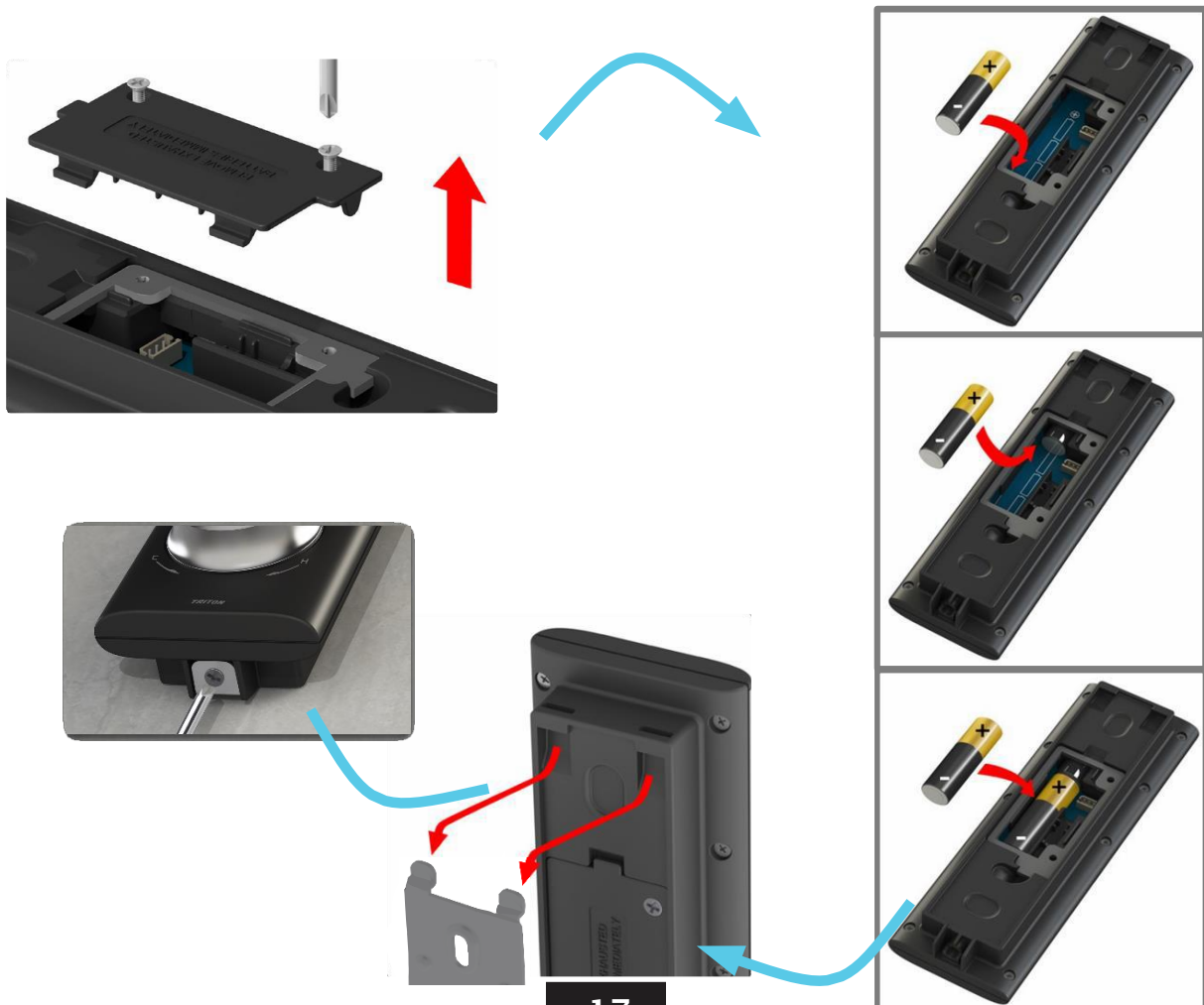
Wireless Connectivity

This section is only relevant for wireless installations. If the Triton Xerophyte Mixer Unit is connected to the Triton Xerophyte Controller Unit, the display screen displays this icon 🎯 . If the wireless connection is lost for 30 seconds the display screen will show the message 'Connection Error!', and if the shower is running, the water flow will automatically stop. If the 'Connection Error!' message persists, the Triton Xerophyte Mixer Unit may need to have its wireless connection reset.

To reset the Triton Xerophyte Mixer Unit wireless connection, follow the procedure below:

- Isolate the electricity supply to the Triton Xerophyte Mixer Unit.
- After at least 1 minute, restore the electricity to the Triton Xerophyte Mixer Unit.
- Within 2 minutes, with the Controller in sleep mode, press the On/Off (⏻) or remove and replace the batteries in the Controller.
- If this does not restore wireless connectivity, this process should be repeated.
- If for any reason the loss of connection cannot be resolved, please contact IWSX Customer Service in South Africa.

Disposal and Recycling

Batteries

Spent batteries should **NOT** be disposed of with your normal household waste.

NEVER dispose of batteries in a fire as this may cause them to explode.

ALWAYS dispose of batteries in an environmentally friendly manner and in accordance with local regulations.

CE UK CA **NRCS APPROVED**

Guarantee and Service Policy

SA SERVICE POLICY

In the event of a product fault or complaint arising from the poor or incorrect installation (refer the *Xerophyte Water-Saving Digital Shower Installation Guide*), or a faulty electrical connection or plumbing and/or boiler, please first contact, where applicable, either your installer, a professional and qualified tradesperson or your utilities service provider.

If the fault persists, or the fault from the outset cannot be attributed to any of the afore mentioned causes, the following procedure should be followed:

Telephone IWSX in South Africa on +27 (0) 12 3485022 and ask for Customer Service. To ensure we properly and expeditiously process your complaint you will need to provide the following information:

- Your name and contact numbers
- The address at which your Triton Xerophyte is installed
- The date upon which you purchased your Triton Xerophyte (Note: if your Triton Xerophyte is still under guarantee you will be asked to provide proof of purchase)
- The name of the installer and date of installation
- As much detail as you can about the fault.

Replacement Parts Policy

IWSX holds an inventory of functional spares in South Africa. Spare parts can be ordered from IWSX in South Africa on +27 (0) 12 3485022. Payment can be made by credit/debit card (excluding American Express and Diners Card) or pre-against a pro-forma invoice.

In case of orders for spare parts to rectify faulty product still under guarantee, please note that they will be charged at normal recommended retail if you are unable to provide proof of original product purchase.

IWSX does not accept liability for and will not accept returns for credit or replacement of parts incorrectly ordered or identified at time of order. If IWSX supplies the wrong part in lieu of that ordered, IWSX will replace it with the correct part in exchange for the original part´s return.

TRITON STANDARD GUARANTEE

Triton guarantee the Triton Xerophyte Mixer Unit and Triton Xerophyte Controller (the Product") against all manufacturing defects for a period of 3 years (for domestic use only) from the date of purchase, provided that it has been installed by a competent person in full accordance with the installation instructions published in *Xerophyte Water-Saving Digital Shower Installation Guide.*

All Triton accessories such as Triton showerheads, Triton shower hoses and Triton shower riser rails carry 1-year parts-only guarantee by Triton against manufacturing defects.

Under this guarantee, IWSX may elect at its option to without charge repair or replace any part found to be defective during the guarantee period, so long as it has been properly maintained and operated in accordance with the operating instructions and has not been subjected to misuse or damage, and has not be taken apart, modified or repaired. This guarantee applies only to products installed within Southern Africa and does not apply to products used commercially. This guarantee does not affect your statutory rights.

Exclusions. This guarantee does not cover:

1. Breakdown due to:

    a. use other than domestic use;
    b. wilful act or neglect;
    c. any malfunction resulting from the incorrect use or quality of electricity, gas or water or incorrect setting of controls;
    d. failure to properly install in accordance with this *Xerophyte Water-Saving Digital Shower Installation Guide.*

2. Claims for missing parts once the product has been installed.

3. Repair costs for damage caused by foreign objects or substances.

4. Total loss of the product due to the non-availability of parts.

5. Compensation for loss of use of the product or consequential loss of any kind.

6. The cost of repair or replacement of isolating switches, electrical cable, fuses and/or circuit breakers or any other accessories installed at the same time. Replacement of the pressure relief device that only activates when the shower outlet is blocked is also excluded.

7. The cost of routine maintenance, adjustments, overhaul, modifications or loss or damage arising therefrom, including the cost of repairing damage, breakdown, or malfunction caused by, but not limited to, corrosion, scaling and furring, incorrect water pressure, electrical/plumbing installation faults, frost or exposure to freezing overheating conditions.

TRITON

For a cleaner conscience

**Customer Services
South Africa:**

+27 (0) 12 348 5022

Website:

tritonxerophyte.com

**Sales, Product Information,
Warranties & Enquiries:**

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Waterkloof Glen X8,

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Triton Showers is a division of
Norcros Group (Holdings)
Limited.

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It is our policy to improve the design and specification of our products and we reserve the right to depart from the
design given without prior notice.