

For any further information please contact  
Crosswater on: **0845 873 8840**

Or visit our web-site at [www.crosswater.co.uk](http://www.crosswater.co.uk)

The manufacturer reserves the right to make technical  
modifications without prior notice.

AT10561A00 - 07/2012

INSTALLATION INSTRUCTIONS

## GENERAL INFORMATION

Before installing, ensure that the pre installation guidelines have been carefully carried out.

Installation must be performed by qualified and/or trained personnel only.

## TECHNICAL FEATURES

PRESSURE REQUIRED ..... 0.5 - 5 bar

LIMITED FLOW RATE ..... water consumption 15 l/min (1 bar=15 l/min)

PIPES CONNECTION ..... G 1/2"

FEEDING VOLTAGE ..... ~100 V/240 V AC ~ 50/60 Hz 0.55 A

SHOWER HEAD POWER SUPPLY ..... 5 V DC STABILIZED

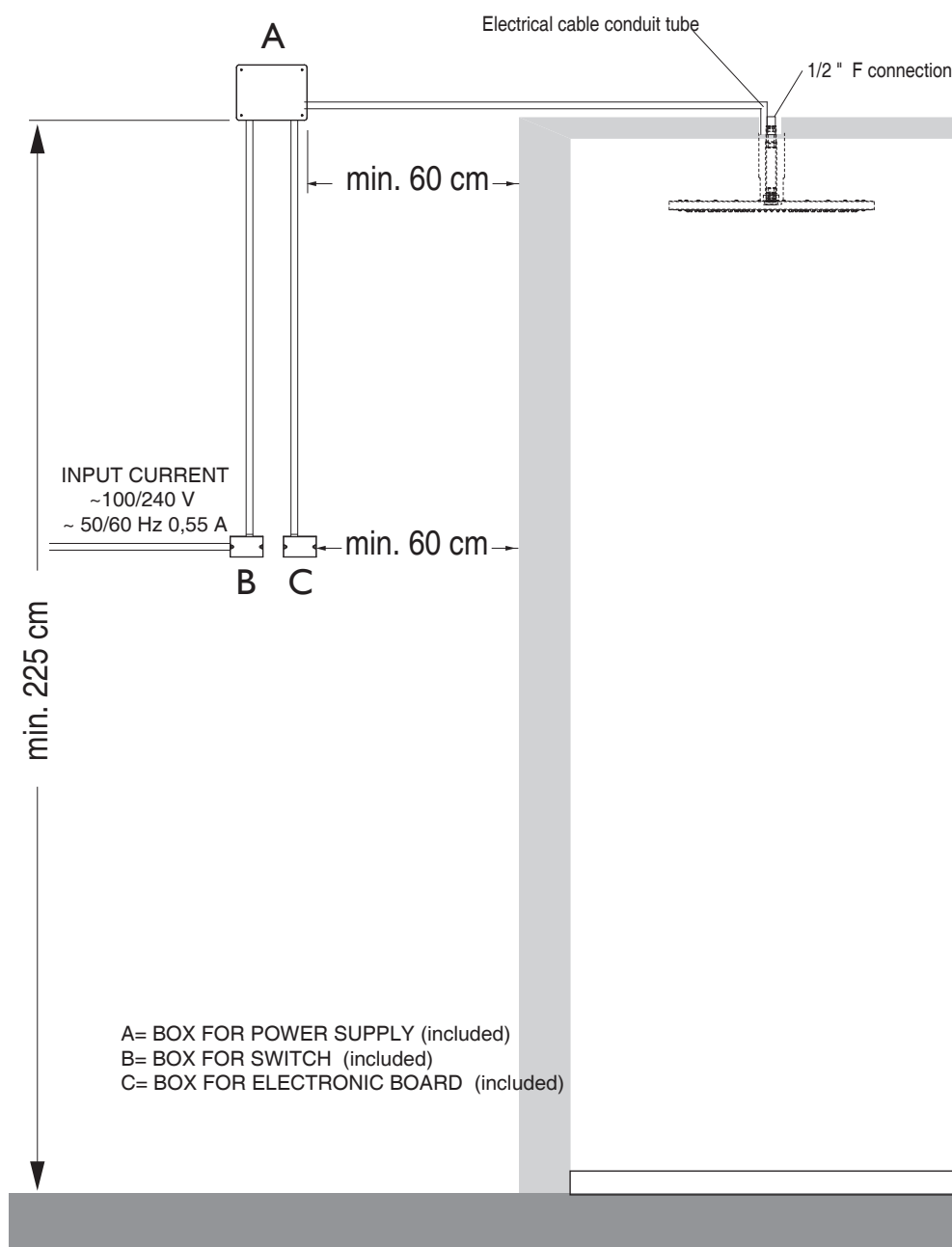
MAXIMUM ABSORBED POWER ..... MAX 9 WATT

TRANSFORMER ..... INPUT~100 V/240 V AC ~ 50/60 Hz 0.55 A  
OUTPUT: 5V --- 3A

## ELECTRICAL SAFETY

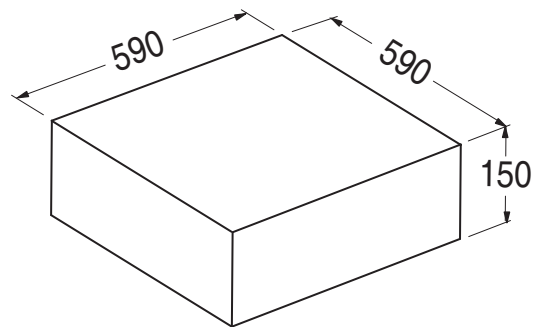
- Installation must be performed by qualified and/or trained personnel.
- The company declines all responsibility in the case that installation is performed by personnel that is not trained and/or qualified to carry out installation of this product.
- The choice of materials in relation to their utilisation, the correct execution of the work, the verification of the plant system to which the device will be connected as well as its suitability to guarantee safety are on the installer responsibility.
- The power supply plant must be efficient and conform to the legal provisions and to the specific national regulations.
- For connection to the electrical mains, a single pole breaker switch must be installed, to be placed in an area that respects safety provisions for bathroom areas. This single pole (normalised breaker switch) must guarantee an opening of the contacts of at least 3 mm, and be suitable for voltage of 220-240 V and current up to 16 A.
- In bathrooms the installation of electrical devices and equipment, such as switches, outlets, etc., must be in accordance with the law and the regulations of each country. In particular no electrical installation must be placed in the area directly adjacent to the shower stall for a distance of at least 60 cm and a height of 225 cm.
- The power supply electrical system must have a differential switch connected to it.
- Any damages caused by the lack of observance of the legal and regulatory provisions as well as what is indicated in the instruction sheet will be on the installer responsibility.

## INSTALLATION SCHEME

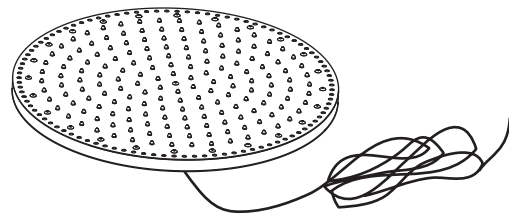


## PART LIST

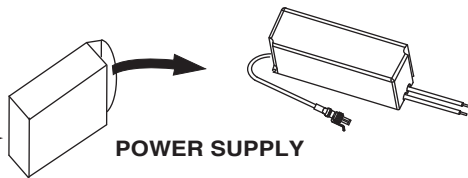
MEASUREMENT IN MM



**SHOWERHEAD**



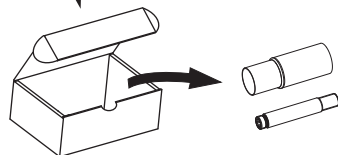
**POWER SUPPLY**



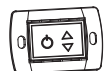
**WIRE WITH MALE CONNECTOR**  
500 CM



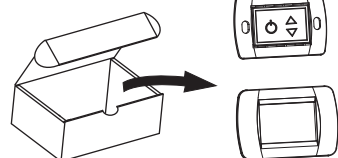
**TELESCOPIC TUBE**  
TUBE H. 10 cm.



**ELECTRONIC PAD**

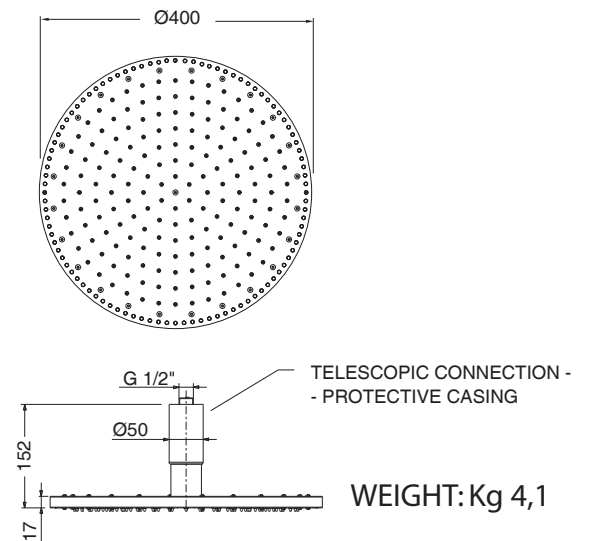


**TRIM**



## DIMINTIONS

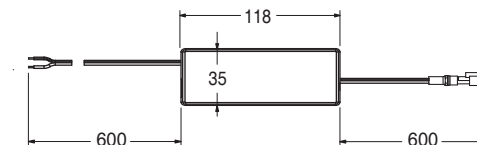
**SHOWERHEAD**



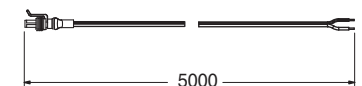
WEIGHT: Kg 4,1

**POWER SUPPLY:**

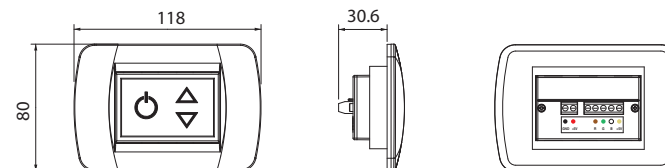
INPUT: ~ 100/240 V AC ~ 50/60 Hz 0.55 A  
OUTPUT: 5 V --- 3 A



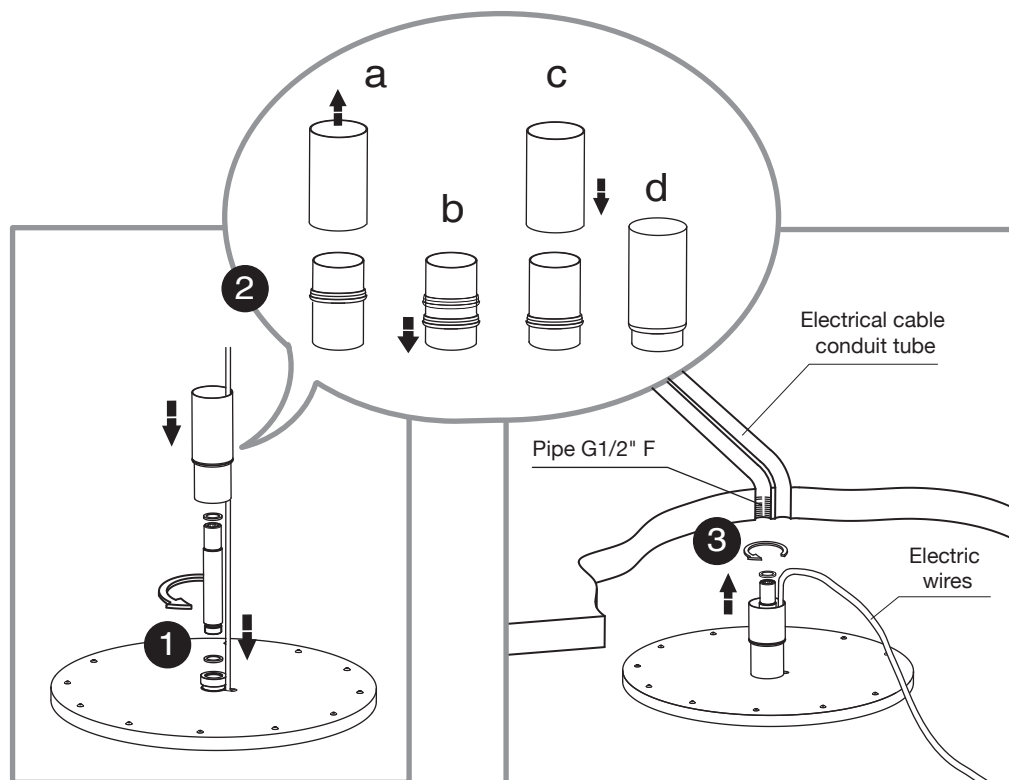
**ELECTRIC WIRES (5000 mm):**



**ELECTRONIC PAD**



## INSTALLATION



### ATTENTION:

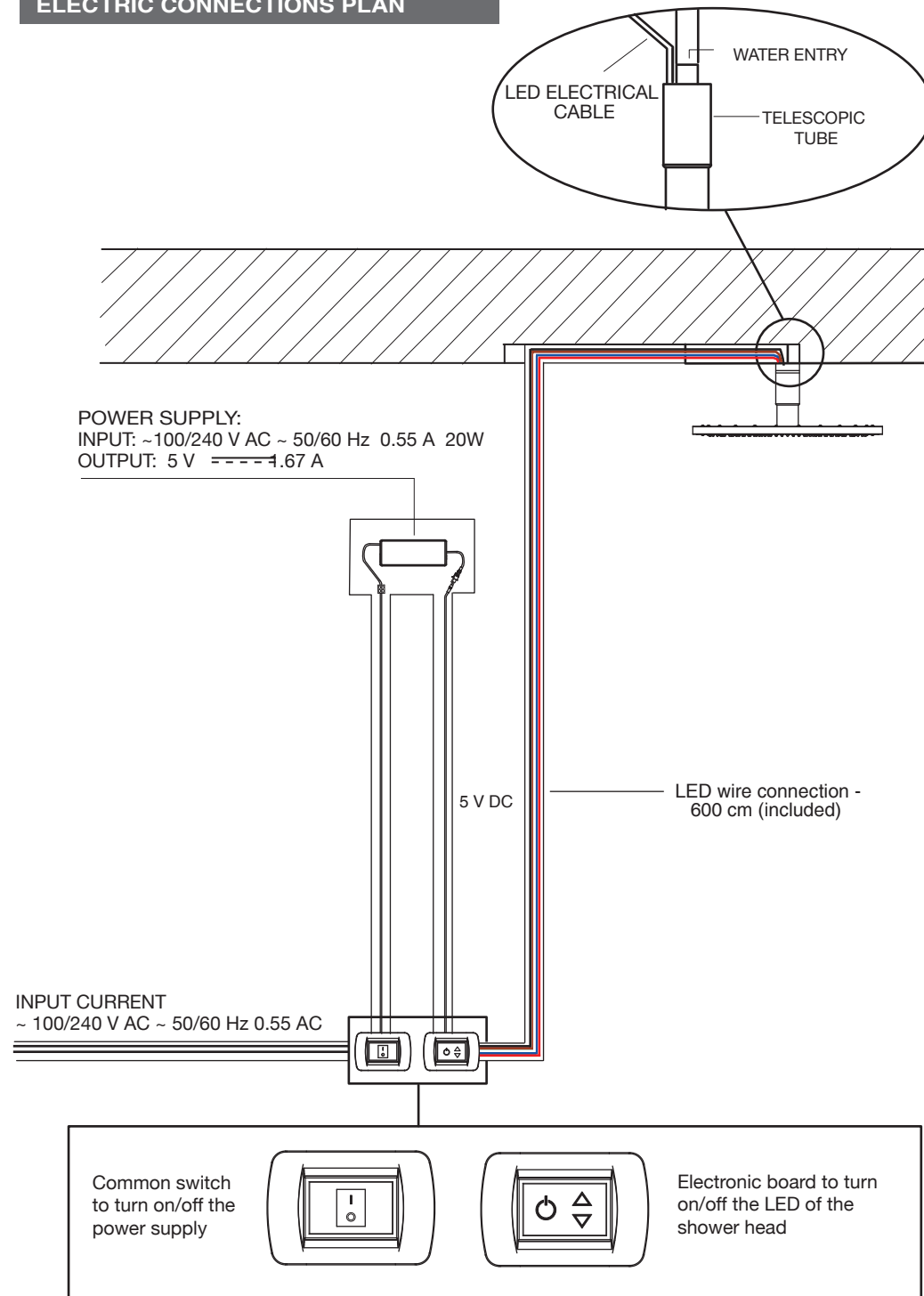
Before running the electrical power lines in the conduit, check and verify the security of the connections and the operation of the showerhead, so as to have the space necessary for running the electrical cables in their corresponding conduit.

Adjust the telescopic tube shifting the gasket towards the bottom (fig. 2). Each time the gasket is moved make sure that it is perfectly positioned against the upper part of the telescopic tube.

Once the installation is finished, make sure that the telescopic tube is well positioned against the ceiling.



## ELECTRIC CONNECTIONS PLAN

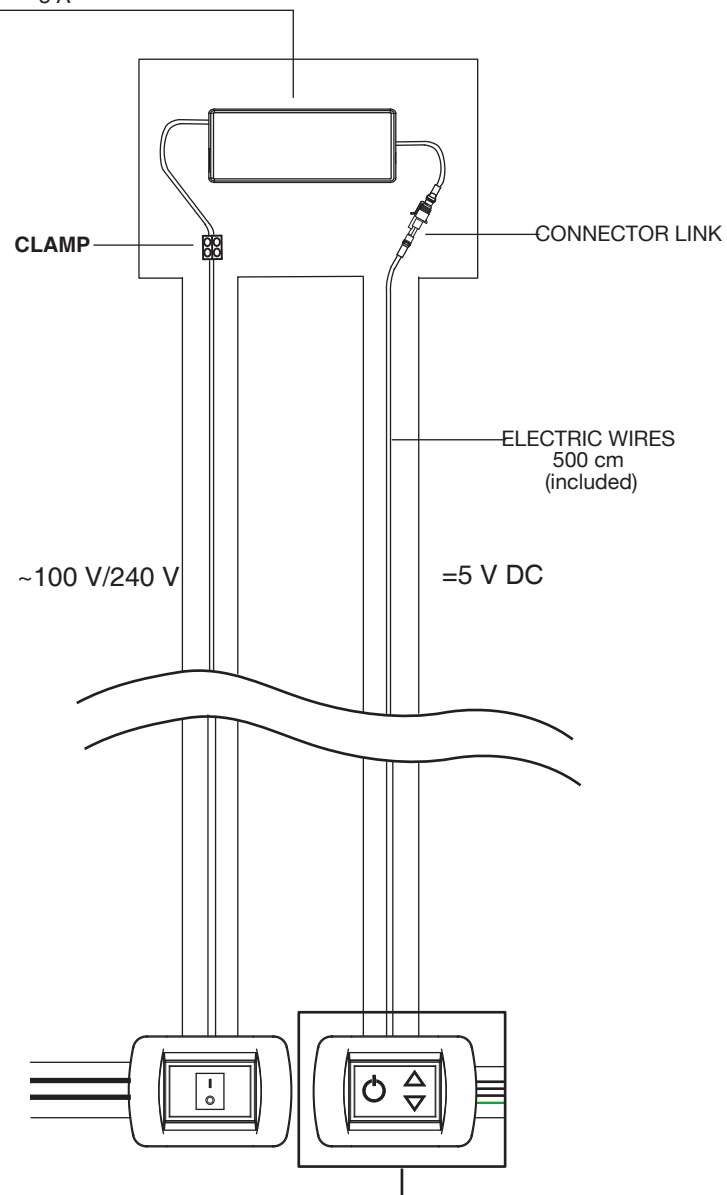


## ELETRIC CONNECTIONS PLAN

**POWER SUPPLY:**

INPUT: ~ 100/240V AC ~ 50/60 Hz 0.55 A 20W

OUTPUT: 5 V ~~---~~ 3 A

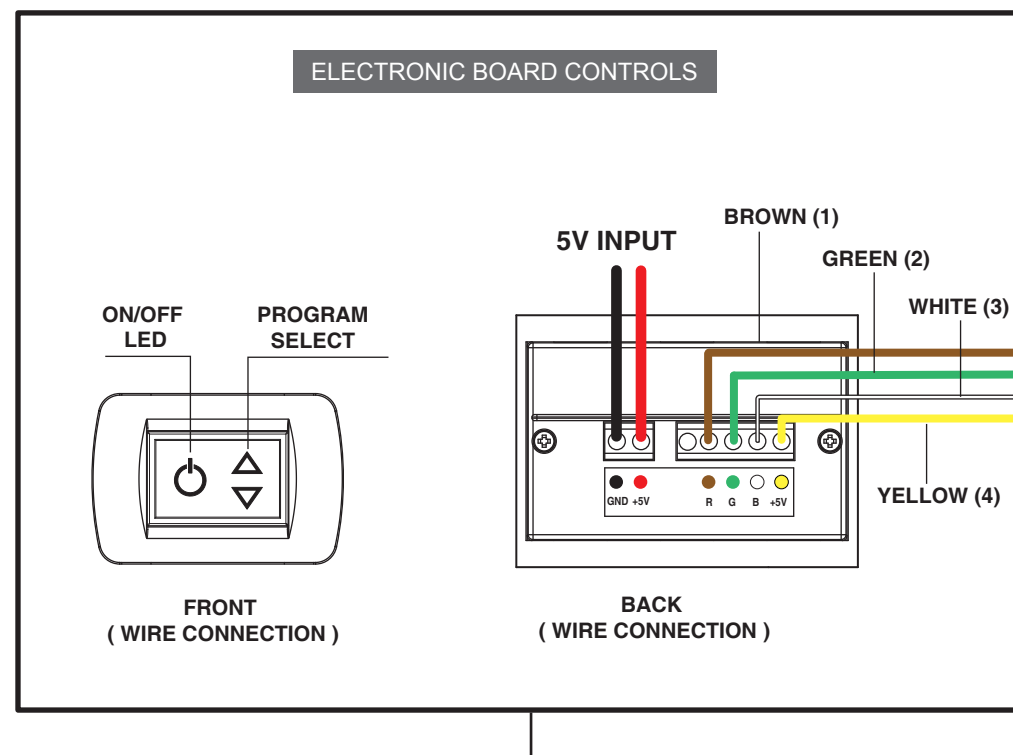


ATTENTION:

- Never insert in the same tube the input wire (~100 V/240 V) and the output wire (=5V) of the power supply.
- Never insert in the same tube the input wire (~100 V/240 V) and the wire connecting the control pad.
- It is only possible to insert in the same tube the output wires (=5 V) of the power supply and the wires of the control pad connecting the showerhead.

ATTENTION:

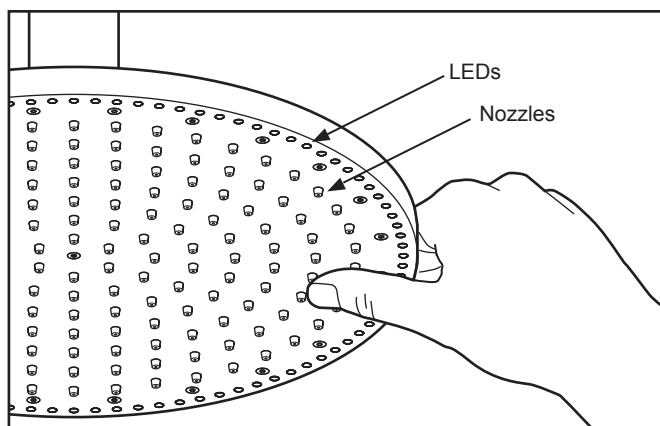
Connect the wires from led (showerhead) on the back of the key pad as shown in the following scheme.



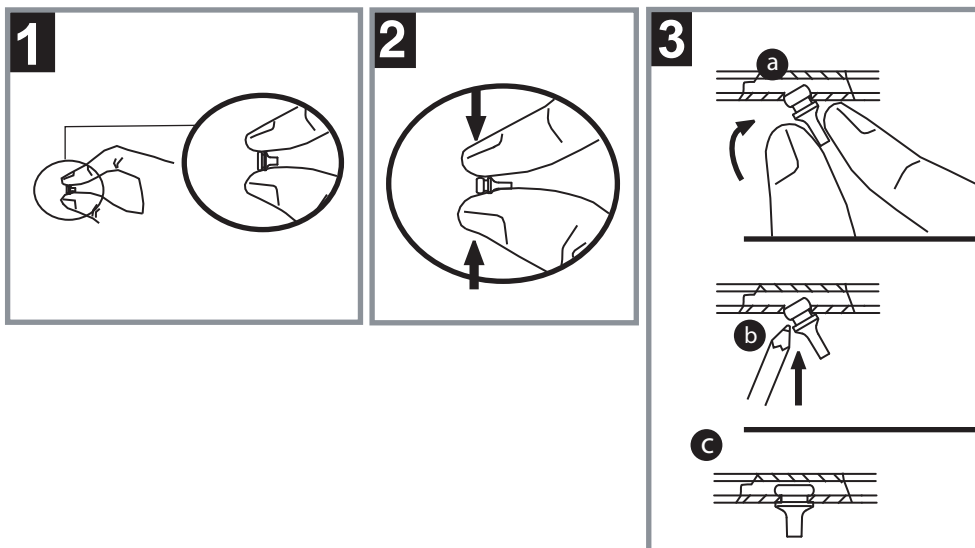
## CLEANING

The chrome plate we use on our products is very durable, nevertheless care should be taken when cleaning them. They should be cleaned only with warm soapy water followed by rinsing with clean water and drying with a soft cloth. All finishes are vulnerable to acid attack and some strong substances such as household cleaners, disinfectants, denture cleaners, hair dyes, wine making and photographic chemicals can cause the surface to go black or peel.

**ANTI-LIMESTONE NOZZLES:** you can easily remove the limestone simply rubbing the nozzles, but be careful not to squash them.



## NOZZLES REPLACEMENT



## FLOW RESTRICTOR WORKING SCHEME RELATED TO WATER PRESSURE

[bar]	0.5	0.7	1.0	1.5	2.0	2.5	4.0	6.0
[l/min]	11.40	12.78	13.78	14.27	14.37	14.55	15.04	15.27

