

# QUICK START MANUAL

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## THREE WAY VALVE

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Complete manual: [www.beniferro.eu](http://www.beniferro.eu)

### 1. Connecting the valve

Connect the valve should be done according to fig. 1. The input of the threeway switch is always the middle hole. The valve can automatically switch which of the 2 ways the water will be pumped.

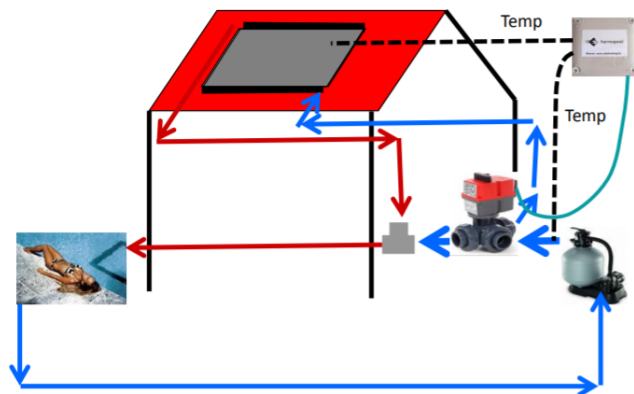


Figure 1

### 2. Connecting Beniferrosol with the three-way valve

As you can see in fig. 1, the valve needs to be connected to the Beniferrosol. The Beniferrosol is setup and cabled beforehand. That cable still needs to be connected to the valve. The cable has 4 wires: A (yellow-green) = earth, B = black, C= brown and D = grey. Connect them into the designated ports seen in fig. 2.

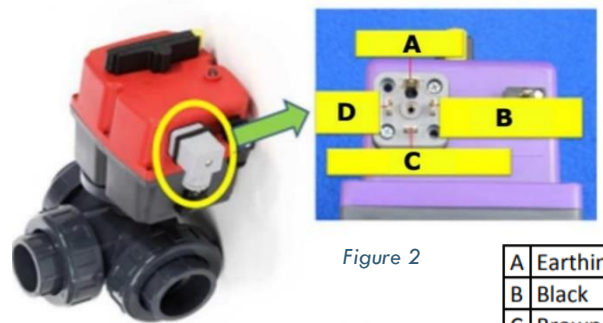


Figure 2

A	Earthing
B	Black
C	Brown
D	Blue or Grey

### 3. Connecting the temperature sensors to Beniferrosol

In the box of the beniferrosol, you can find 2 sensors in a plastic bag. These have to be connected to to the Beniferrosol. Open the Beniferrosol and connect the cables A and B as seen in fig. 3. These will measure the temperature of the EPDM panel (A) and the poolwater (B) .

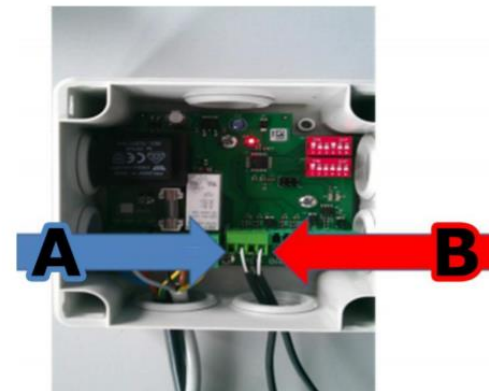


Figure 3

### 4. Set the delta temperature (temp. between pool temp. and EPDM temp.) and maximal pool temperature

To set the maximum pool water temperature, it is necessary to make sure the switch in the blue circle (left top) to position 1. The maximum water temperature is then set on the bottom switches (blue circle)

Usually a max temperature of 32 degrees is chosen. In the example photograph below : when the pool water temperature is more than 32°C , the automatic valve (or pump) will be deactivated and the will Not send water through the heating system

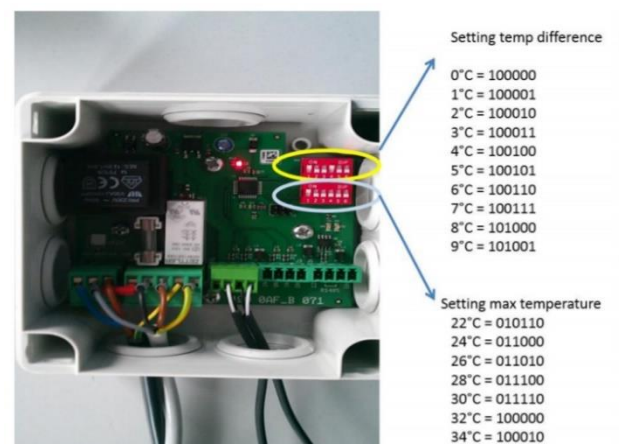


Figure 4