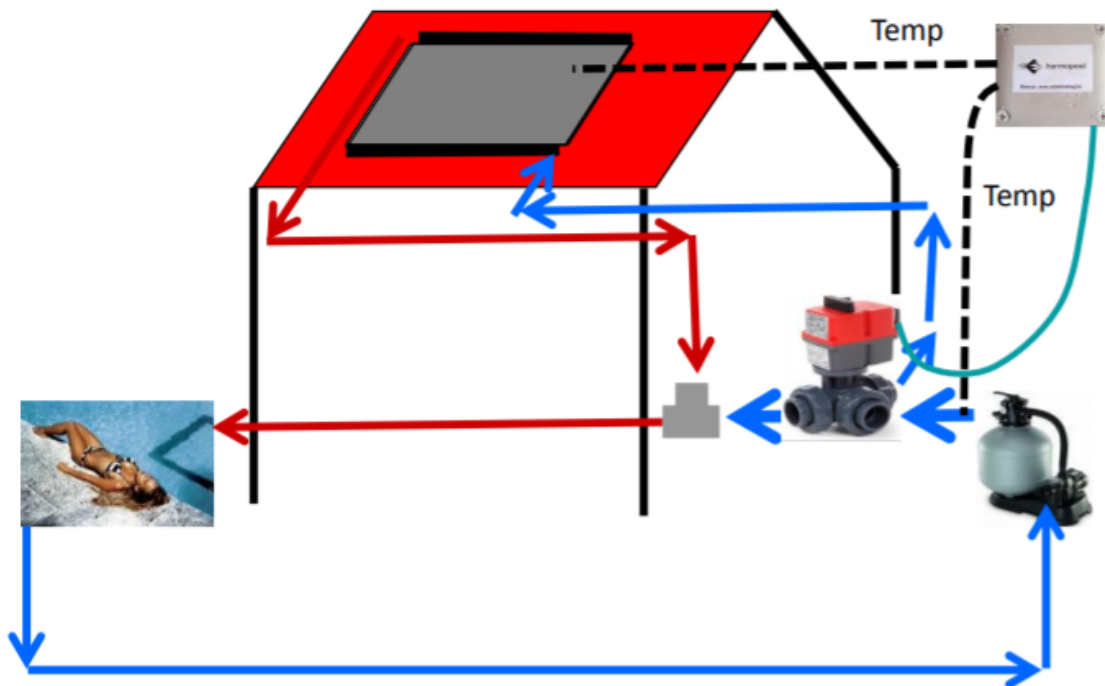




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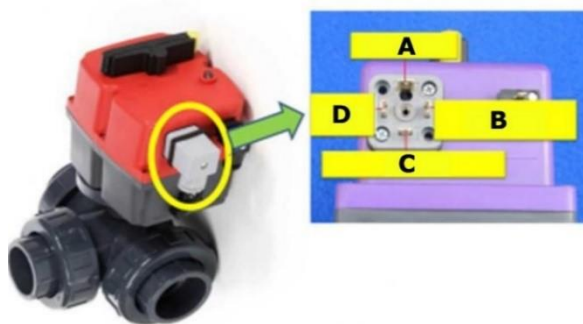
Quick start guide Three way valve

XXX



1. Connecting the faucet

The connection of the valve must be done according to fig. 1. The entrance of the three-way faucet is always the middle hole. The faucet can automatically switch in which of the 2 directions (right or left) the water is pumped.



2.

Figuur 1

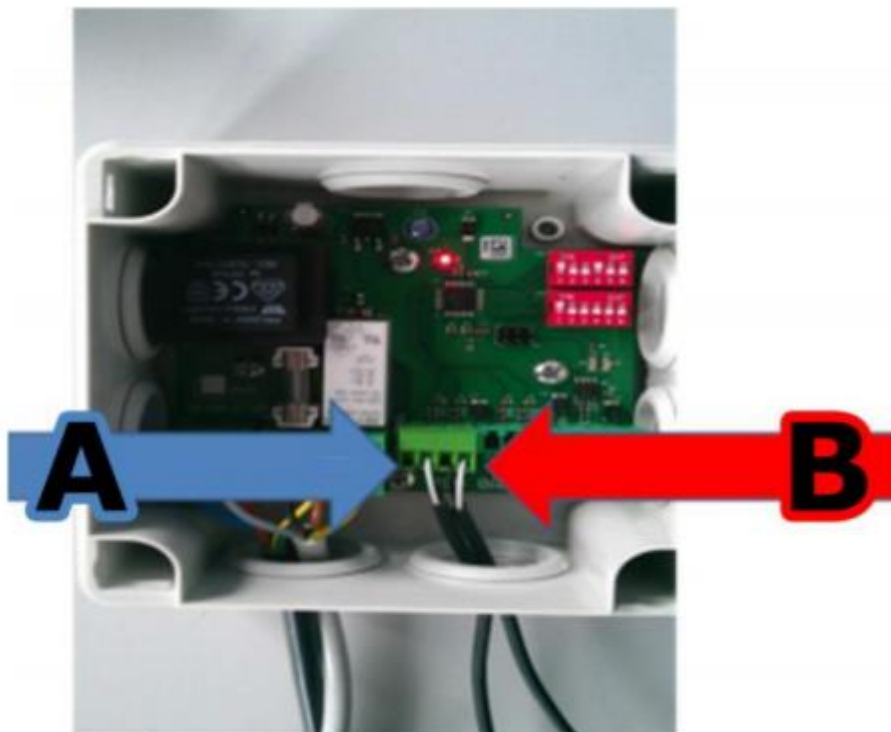
A	Earthing
B	Black
C	Brown
D	Blue or Grey

Connecting Beniferrosol to the three-way valve

Figuur 2

As you can see in Fig. 1, the tap must be connected to the Beniferrosol. The Beniferrosol is pre-set and wired. That cable still needs to be connected to the tap. The cable has 4 wires: A (yellow-green) = ground, B = black, C = brown and D = gray. Connect them to the appropriate ports, see Fig. 2.





3. Connecting the temperature sensors to Beniferrosol

In the box of the Beniferrosol you will find 2 sensors in a plastic bag. These need to be connected to the Beniferrosol. Open the Beniferrosol and connect cables A and B as shown in Fig. 3. These will measure the temperature of the EPDM panel (A) and the pool water (B).



Setting temp difference

0°C = 100000
1°C = 100001
2°C = 100010
3°C = 100011
4°C = 100100
5°C = 100101
6°C = 100110
7°C = 100111
8°C = 101000
9°C = 101001

Setting max temperature

22°C = 010110
24°C = 011000
26°C = 011010
28°C = 011100
30°C = 011110
32°C = 100000
34°C = 100010

Figuur 3



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4. Set the delta temperature (temperature difference between pool temp. and EPDM temp.) and the maximum pool temperature

To set the maximum pool water temperature, the switch in the blue circle (top left) must be set to position 1. The maximum water temperature is then set on the lower switches (blue circle).

Usually a maximum temperature of 32 degrees is chosen. In the example below: when the temperature of the pool water is higher than 32°C, the automatic valve (or pump) will be deactivated and no water will be sent through the heating system.