

## INSTALLATION SHEET



VZR2	DN	Size	Code
	20	Ø ¾"	3002020
	25	Ø 1"	3002025



MVZ	Electric Supply	Code
	230 V	3001220
	24 V	3001024

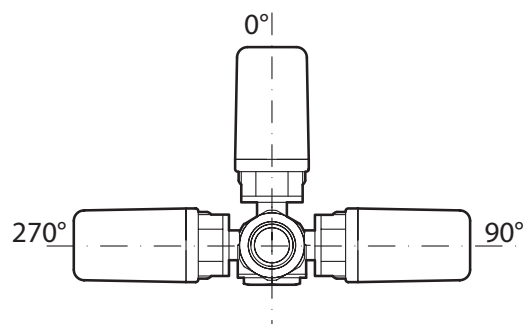


VZR3	DN	Size	Code
	20	Ø ¾"	3003020
	25	Ø 1"	3003025

## INSTALLATION

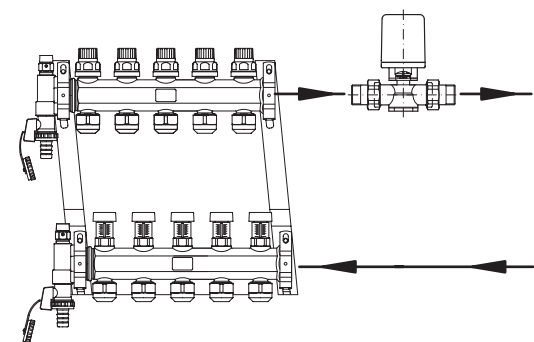
### POSITION

Start the installation of VZR2 and VRZ3 valves according to the following picture.

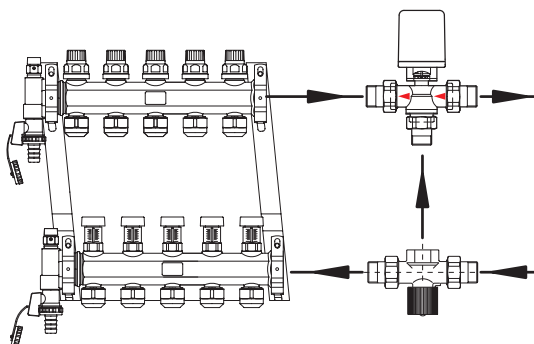
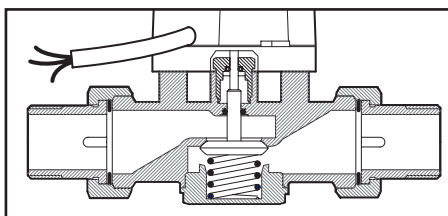


### COUPLING WITH MANIFOLDS

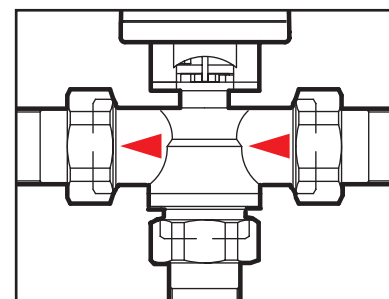
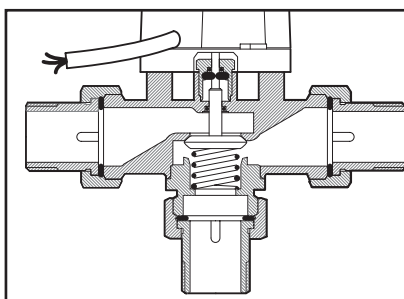
Start the installation of VZR2 and VRZ3 valves according to the following picture.



**VZR2**



**VZR3**



The 3-way valve on the return manifold shall be installed considering the direction of the arrows in the picture above.

### COUPLING BETWEEN ZONE VALVE AND ACTUATOR

Bayonet fitting between VZR2 or VZR3 zone valve and MVZ actuator.

#### Instructions:

Place the MVZ actuator into the VZR2 or VZR3 zone valve and press it softly. Turn it counterclockwise by 90°.

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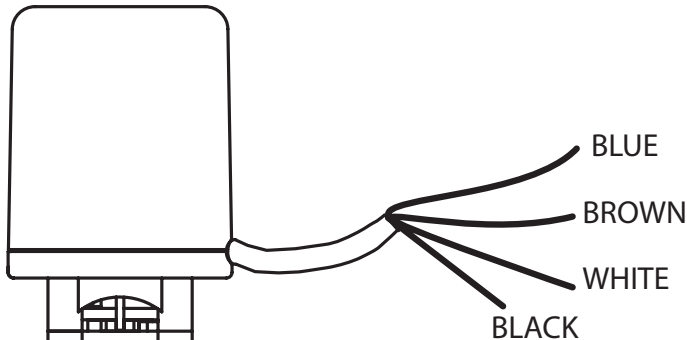
## MANUAL CONTROL OF THE VALVE

The VZR2 and VZR3 zone valves can be manually opened with the actuator when it is de-energized.  
The manual opening closes the auxiliary contact.

### Instructions:

Insert the MVZ actuator into the VRZ2 or VZR3 valve body and push it down till the end of the stroke. Turn it clockwise by 90°.

## WIRING FOR MVZ ACTUATOR



**Wiring shall comply with the standards in force.**

Low voltage: 2014/35/UE

Electromagnetic Compatibility : 2014/30/UE

ELECTRICAL WIRING:

**Phase**

BROWN conductor

**Neutral**

BLUE conductor

**Auxiliary**

BLACK and WHITE conductors

**N.B.: DO NOT CONNECT ELECTRICITY TO THE ACTUATOR IF IT IS NOT INSTALLED IN THE VALVE.**

## GENERAL WARNINGS



**CAUTION: Installation and maintenance shall be carried out by qualified staff only.**

**The hydraulic system, the electrical system and the place for installing the devices shall comply with the local standards about health, safety and fire prevention in force.**

- If you unpack the component and notice any anomalies, do not use the device and contact the Producer's Customer's Assistance.
- Once you finish the installation, dispose of the packaging according to the local standards in force.
- Only use original spare parts, otherwise warranty will decay.
- The producer will decline any responsibility will consider the warranty invalid in the following cases:
  - The above-mentioned warnings and the safety regulations (including those in the installation countries) are disregarded.
  - The instructions listed in this manual are disregarded.
  - Damages to people, animals, objects due to wrong installation and/or improper use of products and equipment.
  - Inaccuracy or mistakes while printing and copying the contents in this manual.
- The producer reserves the right to cease the production in any moment and make any useful or necessary changes without prior notice.

## WASTE DISPOSAL



**According to European Directives 2011/65/CE, 2012/19/CE e 2003/108/CE on the restriction of the use of certain hazardous substances in electrical and electronic equipment as well as on waste disposal.**

The crossed out wheeled bins symbol on the equipment indicates that, at the end of its useful life, the product must be collected separately from general waste.

Therefore, at the end of its useful life, the user must take the equipment to a designated electrical and electronic waste collection point, or return it to the dealer that, against the purchase of an equivalent appliance, it is obliged to collect the product for disposal free of charge.

Appropriate differentiated waste collection for subsequent recycling, treatment and environment-friendly disposal of the discarded equipment helps preventing possible negative environmental and health effects and encourages recycling of the component materials of the equipment.

Illegal disposal of the product by the user entails the application of sanctions provided by the regulations in force.

