



AUTOMATIC BALANCING VALVES 9900V

INSTALLATION INSTRUCTIONS



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Kit F990 and Kit KRR9

- A complete automatic balancing valve 9900V is composed of two main parts: the valve body and the regulating cartridge.
- These two parts come in two separate kits





Kit F990

The kit F990 includes:

- Valve body
- Valve brochure
- Aluminum tag
- Plastic tie





Kit F990

The valve body itself is composed of:

- Valve housing
- Two unions
- Two union-nuts
- Two O-rings





Kit KRR9

The kit KRR9 includes:

- Metallic regulating cartridge
- Adhesive data label
- Blocking spring



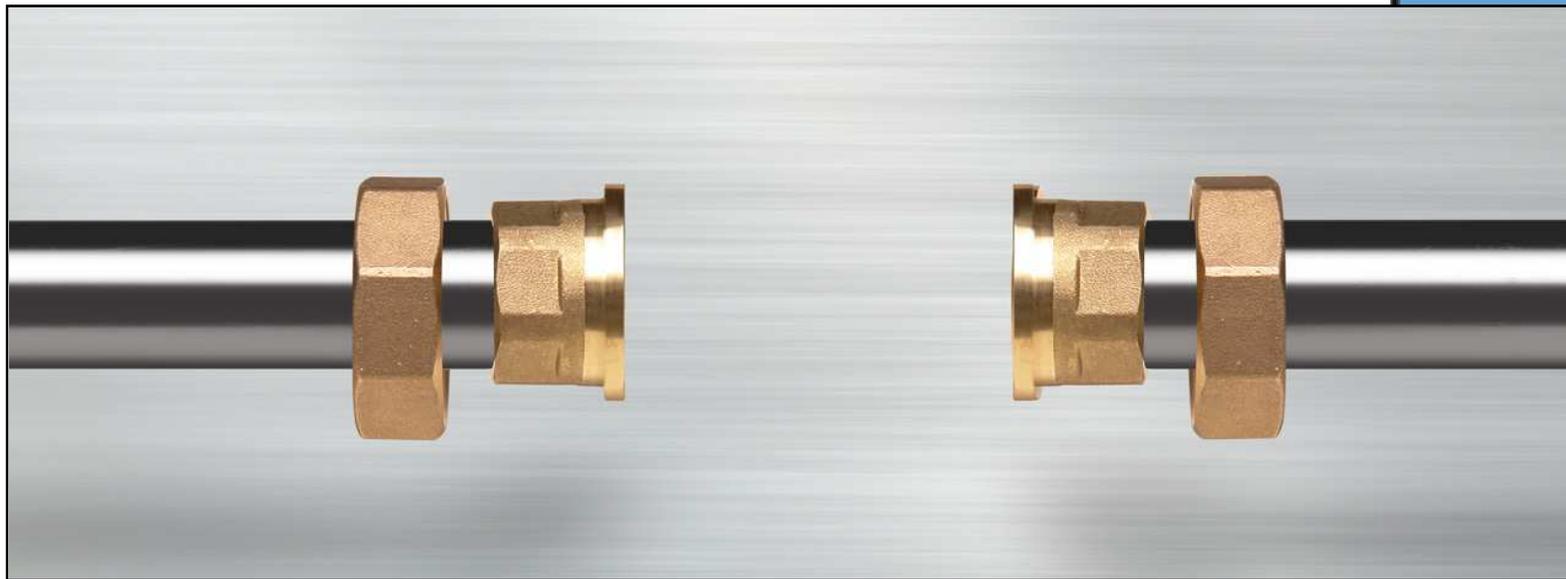


INSTALLATION



Installation of Valve Body

- Open the kit F990
- Install union and union-nuts onto the pipes





Installation of Valve Body

- Verify that the O-rings are properly mounted into the housing grooves

O-ring mounted into the housing groove





Installation of Valve Body

- Connect housing to the unions by means of the union-nuts



ATTENTION:

Pipeline sections must be parallel and co-axial

The pipeline must not subject the valve to any bending or shear efforts



Installation of Valve Body

- Connect the blank aluminum tag to the valve body by means of the plastic tie





Flushing the System

Once all the valve bodies have been installed, flush the system.

A correct flushing operation is important in order to remove any debris that could prevent a correct functioning of the regulating cartridges.



Installation of the Regulating Cartridge

After flushing the system, the regulating cartridges can then be inserted into their corresponding valve bodies:

- Remove the valve housing from the pipeline
- Open kit KRR9





Installation of the Regulating Cartridge

- Insert the cartridge into the housing of the valve
- Insert the blocking spring
- Seat the four spring edges into the groove





Installation of the Regulating Cartridge

- Re-install the housing with the cartridge on the pipeline
- **ATTENTION:** ensure that the arrow marked on the body is pointing in the same direction of the flow



*Forged arrow indicating
correct flow direction*



Installation of the Regulating Cartridge

- Apply the adhesive label indicating the cartridge's nominal data onto the valve's aluminum tag, as valve identification





THE INSTALLATION IS NOW COMPLETE!

For more information on our
products please contact:

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