



YARWAY PED - OPERATING AND SAFETY INSTRUCTIONS

WATER CONTROL VALVES

Before installation these instructions must be fully read and understood

Never open, dismantle or modify the assembly whilst under pressure/temperature or other hazardous conditions.

Read all warning labels fitted to the water control valve before operation or maintenance.

STATE OF DELIVERY/STORAGE

State of delivery

Yarway water control valves are delivered with protection and tested according applicable ITP (Inspection and Test Plan). Particular care should be taken when removing the water control valve from its packaging and your special attention is required to check carefully that no damage has occurred to flange faces, weld ends, connecting pipes, etc. before installation. Check out the Installation and Maintenance Instructions before proceeding.

Storage

For short term storage, up to 6 months, no additional preservation is necessary. Retain the water control valve in its original packaging in a clean, dry indoor location. For long term storage, use only a dry indoor location. Follow the instructions given in the Installation and Maintenance Instructions before placing the water control valve into service.

Selection

Ensure that water control valve material of construction and pressure/temperature limits shown on the identification plate and according to the suitable code for the process conditions. If in doubt, contact Yarway or your local representative.

Service life

Expected service life may vary upon condition of service. Clean unit at least once per 8000 hours intervals or based upon site experience.

INSTALLATION

Ensure that the arrow on the body is pointed with the direction of the flow.

If supplied with butt-welding ends: weld into the line using appropriate filler materials and weld process. Consult Yarway in case of doubt.

CATEGORY

Water control valves are manufactured in accordance with 2014/68/EC - Category SEP - gas Group 2

Pressure/temperature limits are indicated:

on the water control valve nameplate

design code: ASME B16.34 or EN 12516

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FINAL INSPECTION

Yarway water control valves have been tested, degreased, dried and prepared according to service application. This should be carried out in accordance with the relevant Installation and Maintenance Instructions and available upon request by:

Yarway via our website:
Emerson.com/FinalControl.

SPARE PARTS

Use only genuine Yarway components.

WARNING

For safety reasons, it is important to take the following precautions before you start working on the water control valve:

1. Read all labels fitted to the water control valve and this sheet before installation, operation or maintenance.
2. Use water control valves for the intended purpose (according contract/specification).
3. Remove the water control valve carefully from its packaging.
4. For installation of the water control valve use gaskets and bolting material in accordance with the relevant piping code (ASME B31.1 or EN) and free of forces, moments and torques or apply correct weld procedures.
5. Additional mounting/modifications on water control valves are not allowed without approval of Yarway.
6. The line must be depressurized, drained, vented and cooled down before installation.
7. Handling of all water control valves must be carried out by personnel trained in all aspects of manual, mechanical handling/lifting techniques and standard safety procedures, in case of doubt, consult your supervisor and/or safety officer.
8. Yarway does not accept liability for site work performed under supervision of others.
9. Insulate the water control valves in accordance with plant requirements.
10. Please, follow the procedure as detailed in the Installation and Maintenance Instructions.

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