

Example Installer Ltd

Installation & operation manual

Example Isolation valve

Document no: EB-IV-UM Revision: B

Revision	Date	Description
A	2026-05-02	Initial issue
B	2026-05-28	Troubleshooting table added

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This is a fictional demonstration document produced for the Example Installer Ltd · Example Building 001 sample manual. It is not a real manufacturer publication.

Safety notes

- Isolate the water supply and the valve's electrical supply before installation or removal.
- Do not force the manual override lever - if the valve will not move, stop and call a competent person.
- Do not use the manual override on a riser or incoming-main valve - follow the building isolation hierarchy and call the 24 hour line.
- Installation and electrical connection must be carried out by a competent person.

Installation steps

- Isolate the water supply and drain down the section of pipe being worked on.
- Fit the valve body in-line, observing the flow-direction arrow on the housing.
- Connect the valve to mains power and to any paired leak detectors.
- Cycle the valve open and closed from the app to confirm correct operation before re-pressurising.

Operation

- Open or close the valve from its app only where the building operator has authorised that control for the local valve.
- Only an authorised competent person may use the manual override lever on a local flat valve, following the building's current isolation procedure.
- The valve closes automatically within 2 seconds of receiving an alarm from a paired leak detector.
- A closed valve shows a solid amber LED; an open valve shows a solid green LED.

Specification

Property	Value
Pipe size	15mm-28mm compression
Power	Mains, battery backup 8 hours
Close time	< 2 seconds from alarm signal
Ingress protection	IP65
Operating temperature	0C to 40C

Troubleshooting

Symptom	Action
Valve will not close remotely	Do not use the manual override; keep the affected area isolated and call a competent person
No app connection	Check Wi-Fi signal at the valve location
Amber LED will not clear	Confirm the paired detector alarm has been reset first
Unexpected closure	Check the paired detector for a genuine leak event before reopening