

MSV-1-ZB motorized valve

User manual



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1. Product overview



Fig.1. MSV-1-ZB motorized valve

The Myers MSV-1-ZB is a Zigbee motorized valve designed to give you remote control over your home's water supply. Fitted in-line on a water pipe, its built-in electric actuator opens and closes the valve on command, letting you shut off the water supply remotely from the app or automatically in response to a leak alert from a connected sensor, helping to prevent water damage before it happens.

Featuring Zigbee connectivity, the valve sends real-time status updates to a compatible Zigbee hub, which relays them to the connected app, so you always know whether your water supply is open or closed, even when you are away from home. It installs directly on a compatible water pipe, and a manual override lever lets you operate the valve by hand if power or the Zigbee connection is unavailable.

The MSV-1-ZB can be used as a standalone remote shut-off valve or integrated into a broader smart home and security system, working together with Myers leak, gas, and water sensors to automatically close the water supply and help prevent the serious risks associated with water damage.

2. First use

1. Connect the device to power using the supplied cable and plug the adapter into a nearby wall socket.

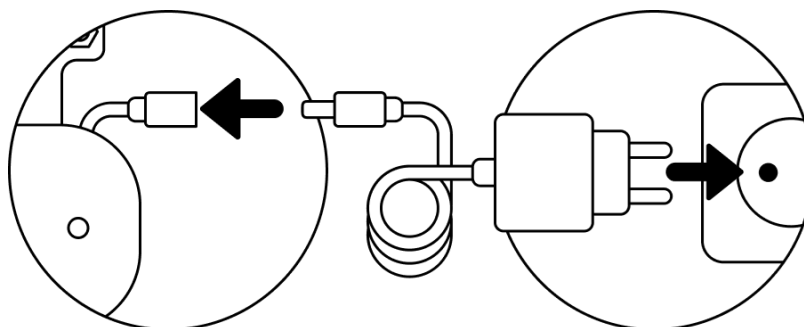


Fig.2. Connecting the power adapter

2. If the LED indicator does not blinking - press and hold the button on the back of the device for 10 seconds to reset.

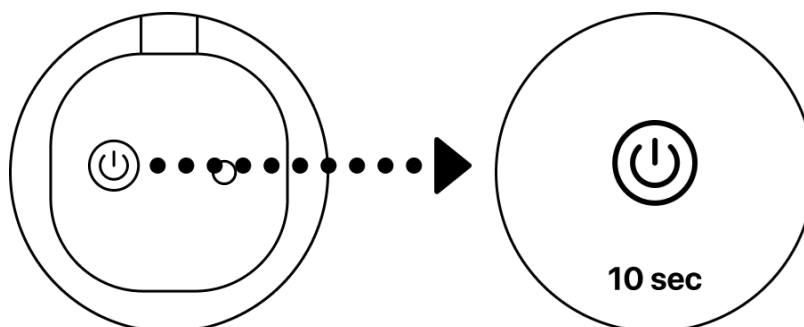


Fig.3. Resetting the device with the pin

3. App control

1. Download or open the Partizan mobile app (available on Google Play, App Store, Huawei AppGallery).

The Partizan mobile app can be downloaded via the link below.

<https://my.partizancloud.com/mobile>

2. Scan the QR code on the device box to open the device page in the Partizan app.

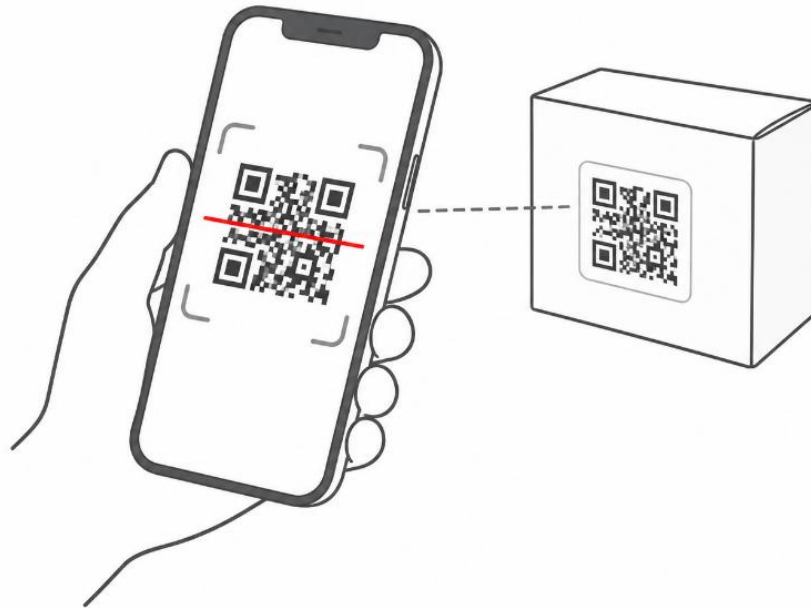


Fig.4. QR code scanning

3. Open the DIY Wizard and tap Next to start adding the valve as a new device.

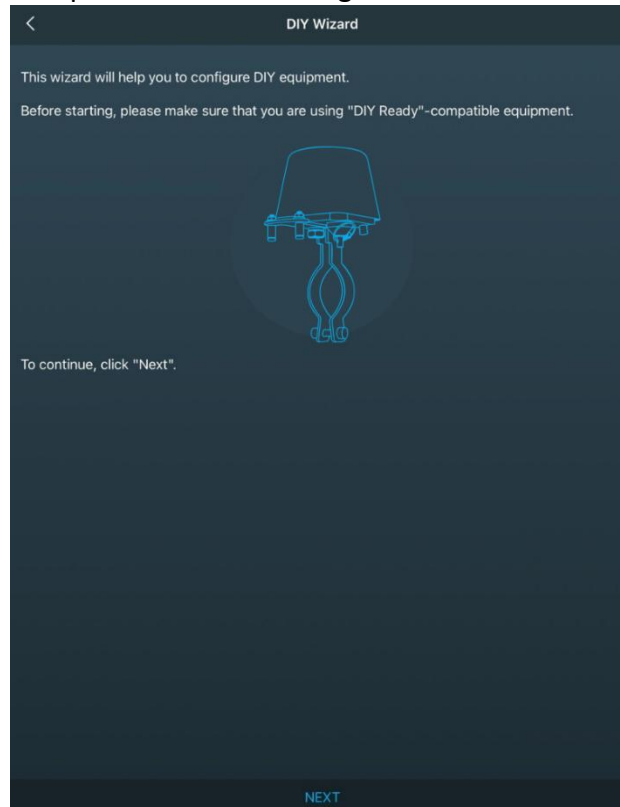


Fig.5. DIY Wizard – start screen

4. Select the cloud account (location) the valve will be added to.

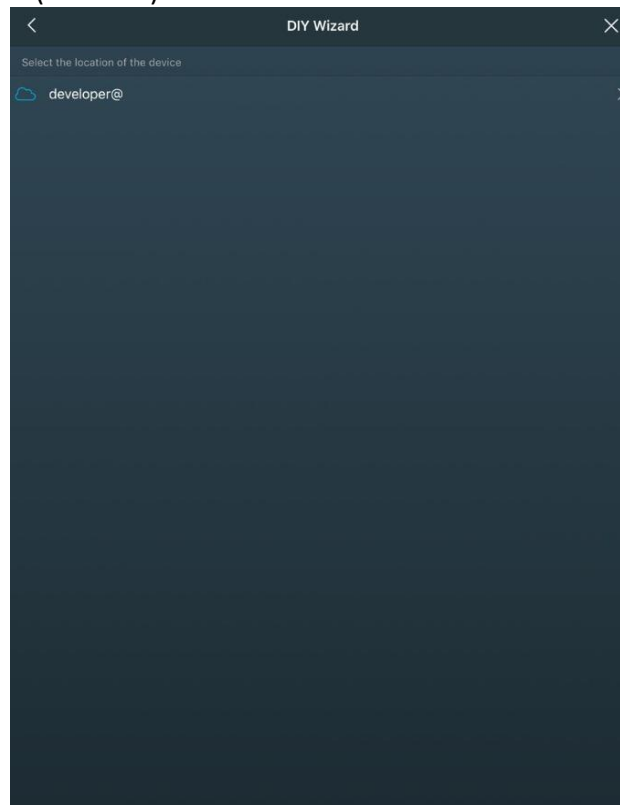


Fig.6. DIY Wizard – select device location

5. The device must be connected via a Smart hub. Select the desired Zigbee hub from the list and tap Next to continue.

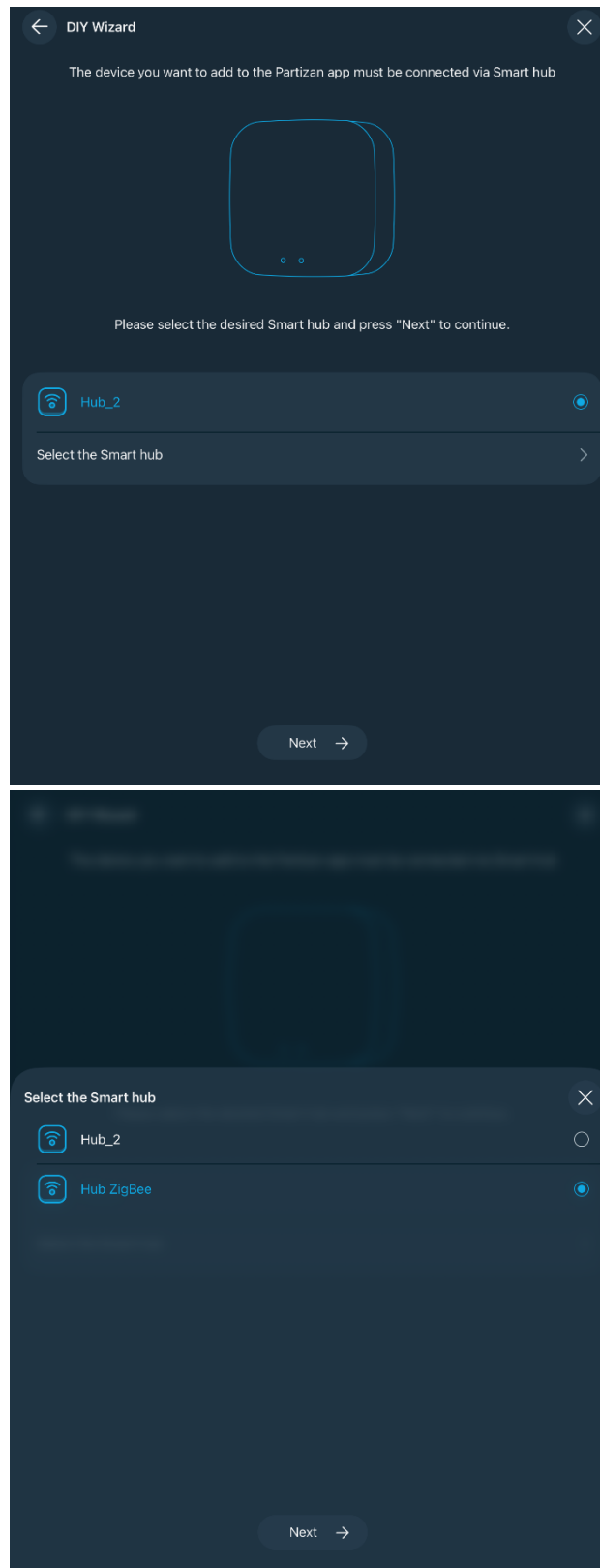


Fig.7. Selecting the Zigbee hub

6. Wait while the app searches for the device and adds it to the hub. Do not unplug or remove the device during this process.

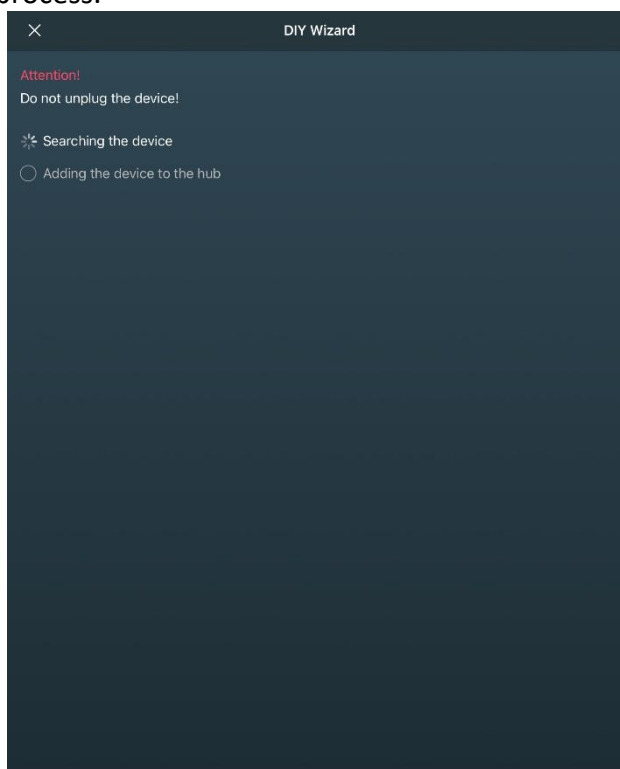


Fig.8. Adding the device to the hub

7. The valve is now added to the app. Tap the icon on the status screen to close the valve remotely. When closed, the icon turns blue with a cross and the status changes to The valve is closed.

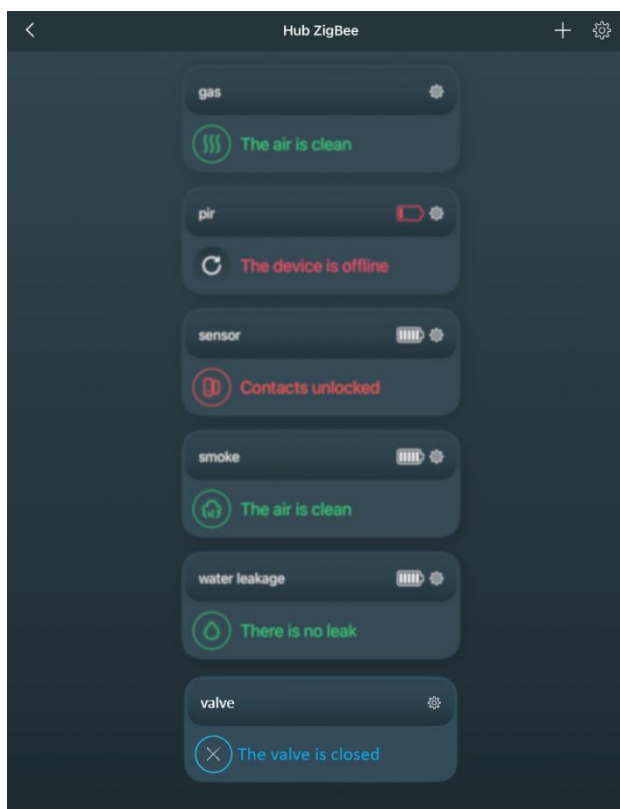


Fig.9. Valve status screen – valve closed

8. Tap the icon again to open the valve. When open, the icon turns green with a checkmark and the status changes to The valve is open.

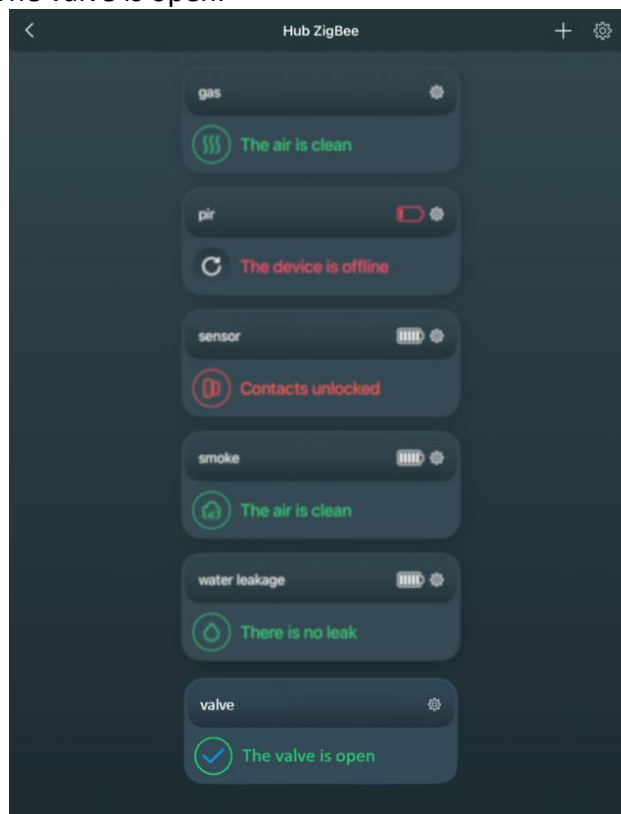


Fig.10. Valve status screen – valve open

4. Settings

1. On the hub's device list, tap the gear icon (⚙️) next to the valve's entry, as shown, to open the Support and Device settings options.

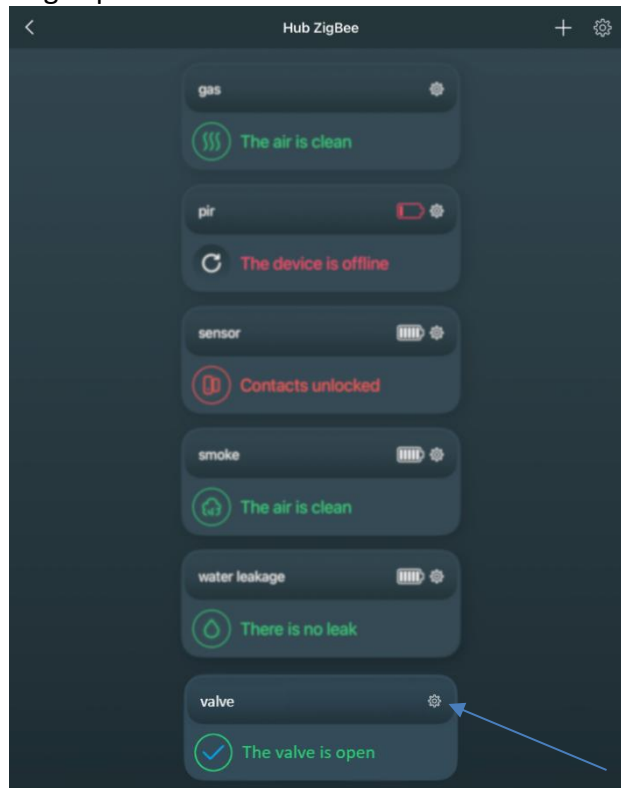


Fig.11. Valve screen – Support and Device settings menu

2. The Device settings menu gives access to Connection settings, Notification schedule, Shared access, Firmware upgrade, and Delete device.

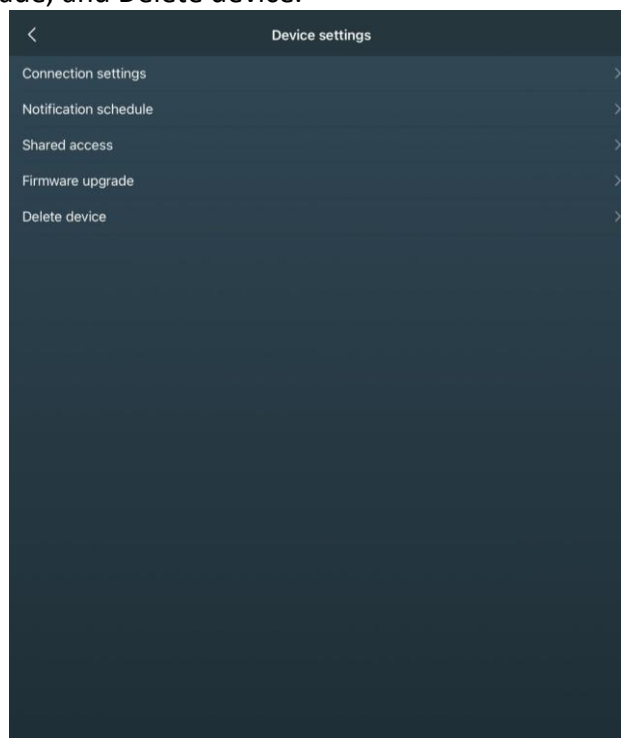


Fig.12. Device settings menu

3. In Connection settings, check or edit the device name, folder, and connection string, then tap Apply to save the changes.

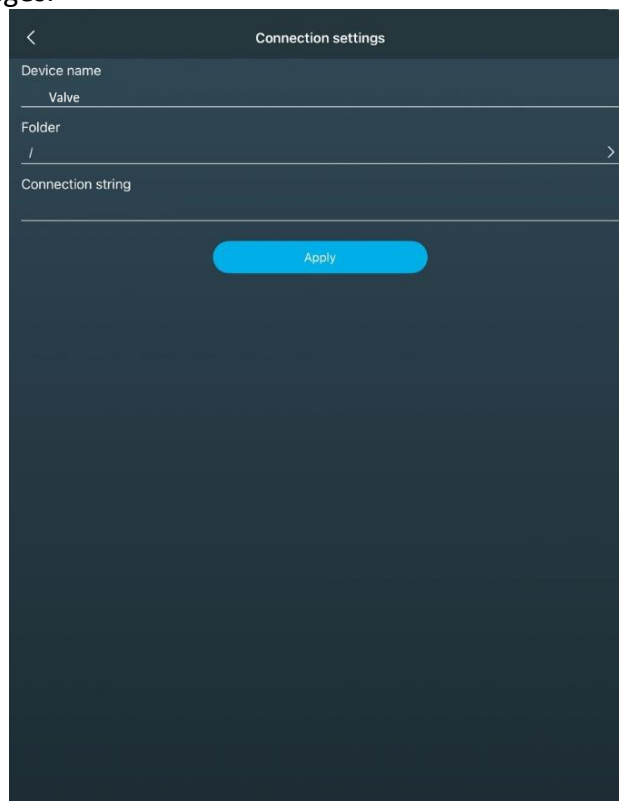


Fig.13. Connection settings

4. In Shared access, enter the email address of another cloud user and tap Save to give them access to the device.

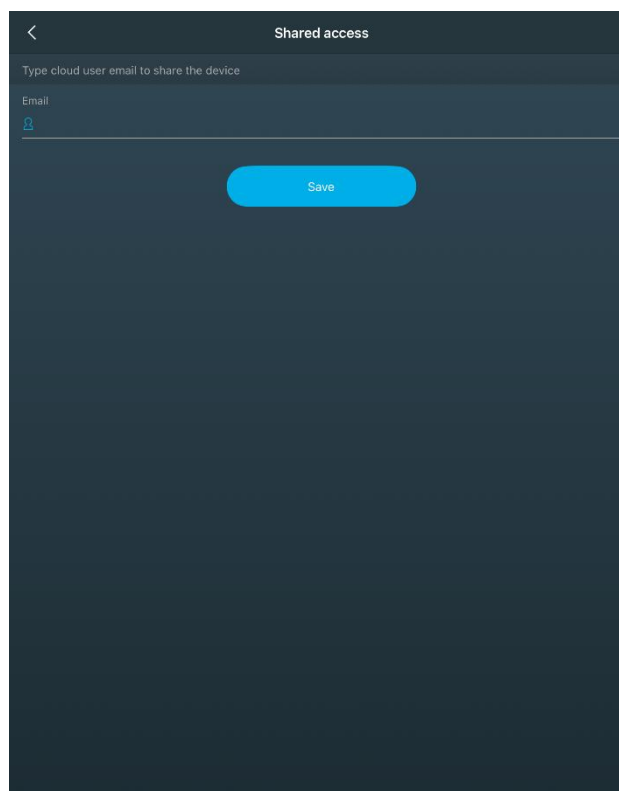


Fig.14. Shared access

5. In Notification schedule, select the days of the week and set the active time range on the 24-hour dial. Use Copy schedule to apply the same time range to other days.

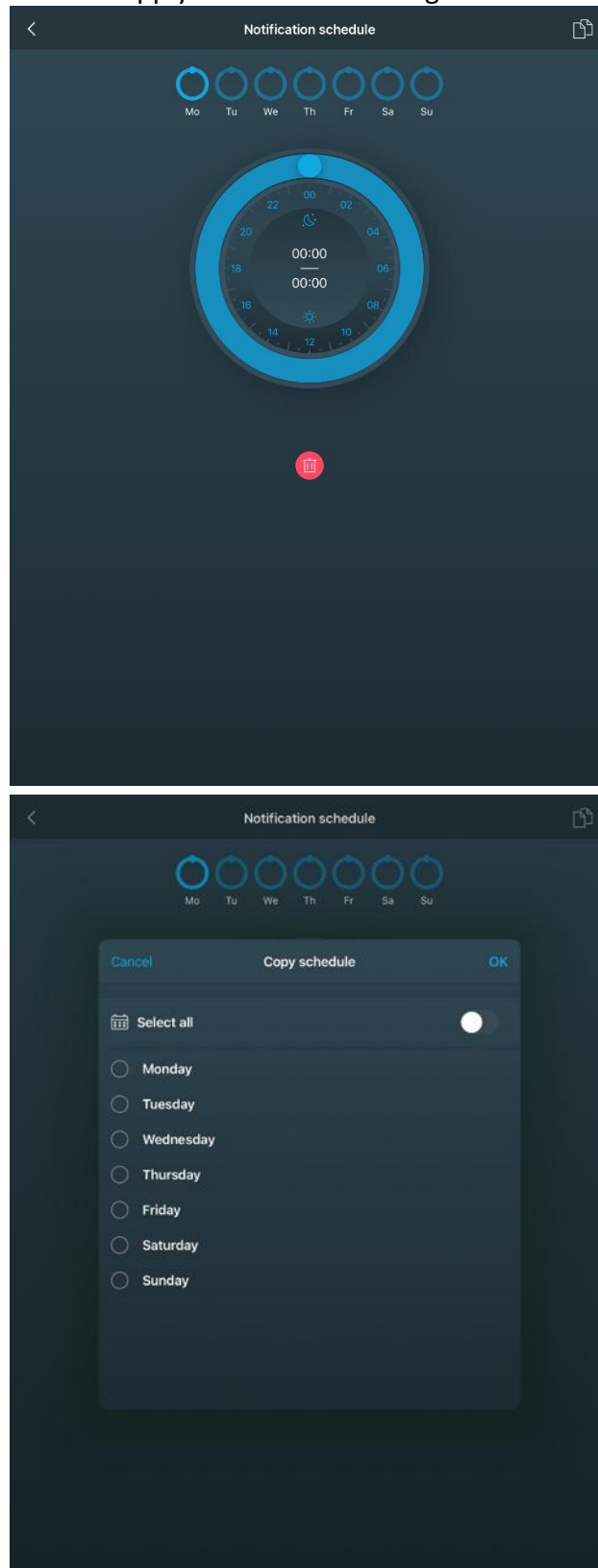


Fig.15. Notification schedule and copy-schedule dialog

All Myers devices send a real-time push notification to your phone whenever something happens, so you're always informed even when you're away from home.

6. In Firmware upgrade, check the current cloud firmware version and tap Firmware upgrade to install the latest version.

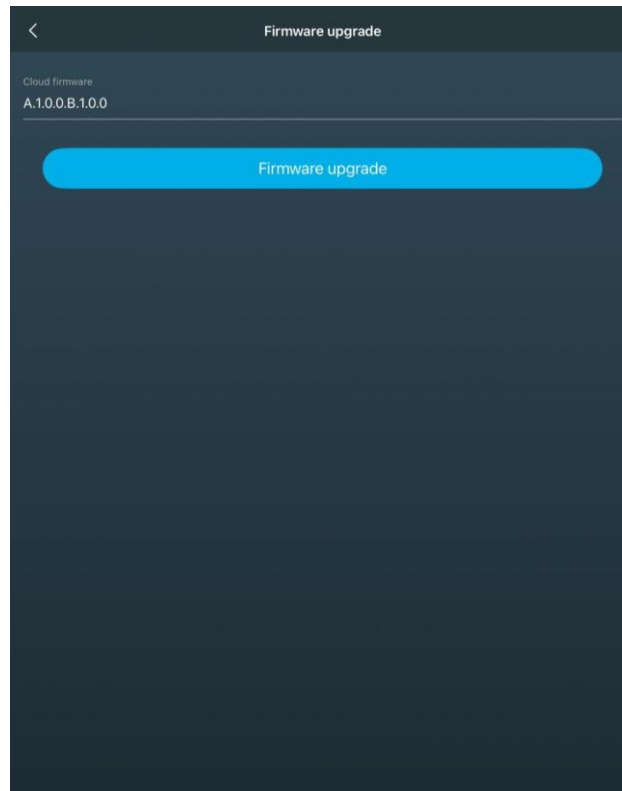


Fig.16. Firmware upgrade

7. In Support, review the technical support working hours. Enable Provide the device information so that support can see the device model, firmware version, and basic diagnostics if needed.

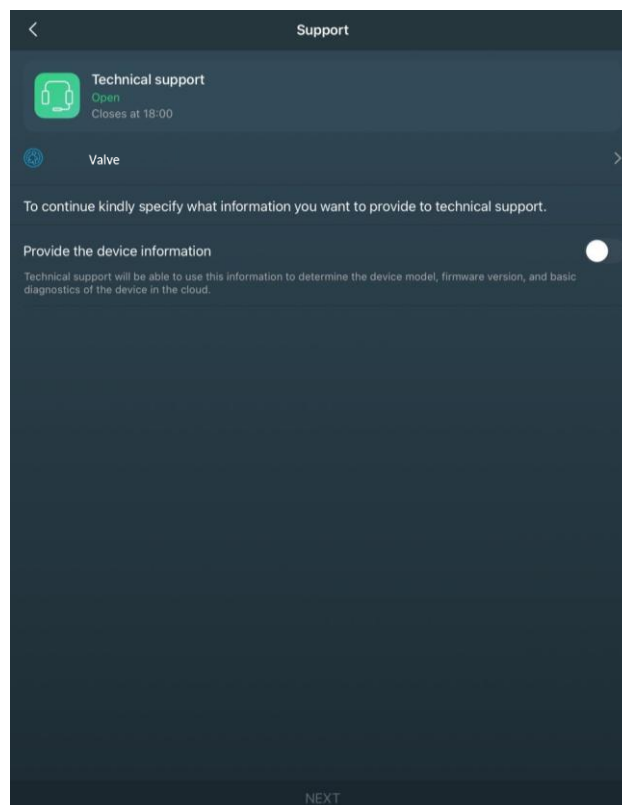


Fig.17. Support

8. In Delete device, tap Delete device to remove the sensor from the app. This permanently deletes all data associated with the device.

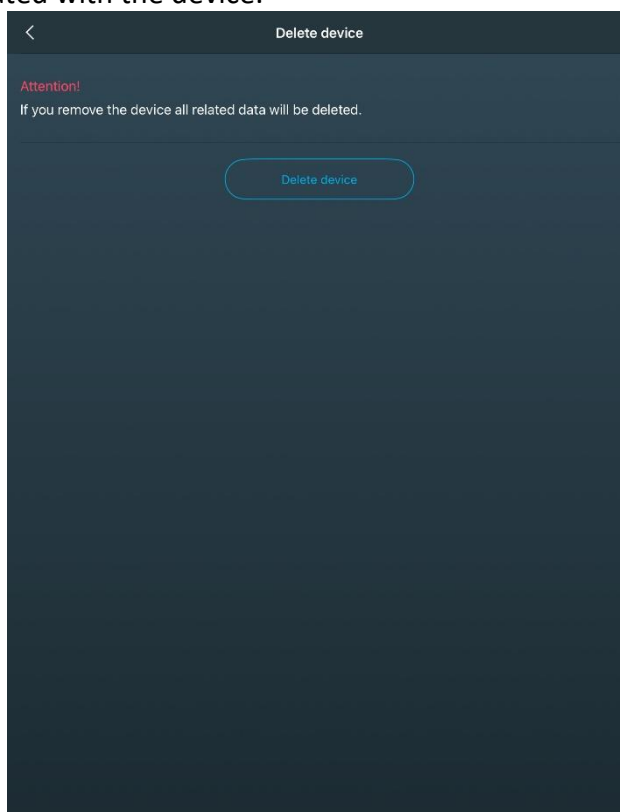


Fig.18. Delete device

5. Maintenance and safety notes

Power supply: The device is powered via the supplied cable and adapter. Plug it directly into a wall socket. Do not use a damaged cable or adapter, and avoid extension cords or switched sockets that could be turned off accidentally.

Installation: This valve must be fitted in-line on a water pipe, ideally near the main water inlet, by a qualified plumber or competent person, in accordance with the flow direction arrow marked on the body. Before installation, shut off the water supply and relieve pressure in the pipework. Do not exceed the maximum pressure, temperature, and pipe diameter stated in the product datasheet. Keep the manual override lever accessible at all times so the valve can be operated by hand if power or the Zigbee connection is unavailable.

Operating environment: The device is designed for indoor use only. Do not expose it to rain, condensation, high humidity, dust, or temperatures outside the range stated in the product datasheet. Keep the device away from direct sunlight and heat sources.

Cleaning: Wipe the device with a soft, dry cloth only. Do not use solvents, abrasive cleaners, or aerosol sprays, and never immerse the device in water.

Wireless connection: Keep the device within reliable range of its paired Zigbee hub, and away from thick walls, metal surfaces, or major sources of interference, to ensure the app status and remote commands are delivered without delay. If the device is far from the hub, consider adding a Zigbee repeater or a mains-powered Zigbee device between them to extend coverage.

Servicing: The device contains no user-serviceable parts other than the manual override lever. Do not attempt to open or repair the actuator yourself, as this may damage it and will void the warranty. If the device is faulty, contact Partizan support using the details below. Periodically operate the valve fully open and fully closed (for example, from the app) to prevent it seizing from mineral build-up or corrosion, and check the pipe fittings on either side for leaks.

Testing: Test the valve at least once a month by opening and closing it from the app, and confirm that the status shown matches the physical position of the manual override lever. Zigbee and app connectivity should also be checked periodically to ensure remote and automatic shut-off commands are received without delay.

Limitations: This valve is a supplementary control device and does not replace a properly installed and maintained plumbing system. It should not be relied upon as the sole means of preventing water damage; for automatic protection, pair it with a Myers leak detector so the valve can close the water supply as soon as a leak is detected. Keep the manual override lever accessible at all times in case of a device malfunction or power and Zigbee outage.

Contacts:

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Email: support@partizan.global

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