Selection of operating mode

Your valve can operate in two different operating modes. The "Leak Supervisor" mode is preferred if you do not have a Zigbee-compatible gateway.

**Option A – Wi-Fi Leak Supervisor mode**

- Select this mode if you do not have a Zigbee-compatible gateway and want to integrate the valve into your network.
- The valve is connected to the internet through a Wi-Fi network and acts as a supervisor for the Sinopé leak detectors. Once a leak is detected, you receive an email or text message notifying you of the source of the leak and the closing of the main water supply.
- The valve must be plugged into a socket for non-stop protection. Add 4 AAA batteries to the valve to ensure its operation in the event of a power outage. The batteries provide protection in case of failure for up to 24 hours.

**Option B – Zigbee Network mode**

- Select this mode only if you already have a Zigbee-compatible gateway and want to integrate the valve into your network.
- The connection through the Wi-Fi network is then disabled.
- Although it is possible to add 4 AAA batteries to operate the valve in the event of a power failure, the integrity of the operation depends on your Zigbee gateway.

---

**Option A – Wi-Fi Leak Supervisor mode**

1. Download the free Sinopé Water Leak Protection app on your device from the AppStore or Google Play.
2. Connect your Sinopé smart water leak detectors. **Note:** Install the valve (see reverse).
3. In the menu on the right, choose "Add a device" and follow the steps specified by the app.
4. Open the app and log into your Sinopé Water Leak Protection account or create an account.
5. If you already have a revkive® account, use the same login information to configure and control your valve.

---

**WARNING**

Although each unit is pretested at the factory, it is strongly recommended that you test the valve before installation to ensure proper operation in your home.
Option B – ZigBee network mode

To connect the valve to your ZigBee compatible system, refer to its instruction manual.

Press the “A” button to associate the valve with the ZigBee network.

<table>
<thead>
<tr>
<th>Light</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green light</td>
<td>Device is connecting</td>
</tr>
<tr>
<td>Green light</td>
<td>For 20s</td>
</tr>
<tr>
<td>Red light</td>
<td>Device is not connected</td>
</tr>
</tbody>
</table>

WARNING
Although each unit is pre-tested at the factory, it is strongly recommended that you test the valve before installation to ensure proper operation in your home.

Set the mode switch to “3”.

Connect the valve to an electrical outlet, using the supplied adapter. Near where it will be installed. By doing so, you will validate the range of the ZigBee communication between the valve and your network. The red indicator light indicates that the valve is not connected to the ZigBee network.

* Refer to the “Support” section of our Website at www.sinopetech.com.

Installation of the smart water valve

Close the main water supply.

Open the hot and cold faucets near the main water supply to reduce the water pressure.

Remove the valve safety cap.

Press the “OPEN” button to open the valve, then open the main water supply to make sure there are no leaks.

Install the smart water valve just down stream of the main water shutoff valve. Depending on your plumbing, additional fittings may be required (not included).

WARNING
The installation of this valve should be performed by a certified professional in conformity with local and national construction codes.

The valve closes with sufficient force to cut a finger, ALWAYS keep your fingers away from the ball valve.

Power the valve using the AC adapter. To add an emergency power supply in the event of a power failure, insert 4 AAA batteries (not included).

IMPORTANT! Do not insert the batteries before the valve is installed to your main water supply and powered by the supplied adapter.

Technical specifications

- Operating temperature: 0°C to 40°C (32°F to 104°F)
- Storage: -20°C to 50°C (4°F to 122°F)
- Valve body: stainless steel
- Maximum pressure: 200 PSI
- Maximum torque: 2.5 N·m
- Closure time: 10 seconds
- Power supply: 5 V / 5 W (included)
- Emergency power supply: 4 AAA batteries (not included)
- Degree of protection provided: IP67
- ZigBee 3.0 profile
  - Frequency: 2.4 GHz
  - Transmission power: 0 dBm
  - Receiver sensitivity: -108 dBm
- Diameter: VA42006W: ¾” in FPT x ¾” in FPT
  VA42012W: 1” in FPT x 1” in FPT
- Indoor installation only

Protect your belongings and avoid the inconvenience caused by water damage

Combine this product with the Sinopé smart water leak detectors so that your main water supply is closed as soon as a leak appears.

Transmitter module: 22184-2BM15011/FCC ID: 2AK2F-ZBM1501

This device complies with Industry Canada license exempt RSS standard(s). Operation is subjected to the following conditions:
(1) the device does not cause interference, and (2) the device must accept any interference, including interference that may cause undesired operation of the device.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment OFF and ON, the user is encouraged to try to correct the interference by one or more of the following measures:
(1) Reorient or relocate the receiving antenna.
(2) Increase the separation between the equipment and receiver.
(3) Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
Consulate the dealer or an experienced radio/TV technician for help.

3-year limited warranty

SINOPÉ TECHNOLOGIES INC. warrants the components of their products against defects in material and workmanship for a 3 year period from the date of purchase, under normal use and service, when proof of purchase of such is provided to the manufacturer. This warranty does not cover any transportation costs that may be incurred by the consumer. Nor does it cover any products subjected to misuse, alteration, or accidental damage. The obligations of Sinopé Technologies Inc. under the terms of this warranty will be to supply a new unit and that the manufacturer will refund the installer fees for two components.

For more information, visit our Website:

www.sinopetech.com

To be informed about upcoming products:

or subscribe to our newsletter.