

sinopé



## Smart Water Valve [2nd generation] VA4220WF

### Compatible accessories



Smart water leak detectors



Secondary water valve



Smart dimmer and light switch



Smart plugs



Flow sensor



Multicontroller



## ■ FEATURES

- Automatic valve closure as soon as a water leak is detected by one of the detectors\*
- Possibility to back-up the device with lithium batteries (not included) for ongoing operation (up to 48 hours)
- Self-testing system ensuring proper operation at all times throughout the life of the device
- 20 water leak detectors or accessories can be controlled with Sinopé's smart water valve
- Possibility to open and close the valve manually
- 100% stand-alone Wi-Fi valve requiring no gateway or control panel
- Removable controller allowing the replacement of parts without any further modification to the plumbing

\* Requires a water leak detector or a Sinopé flow sensor. Depending on the plumbing of the water inlet, additional parts may be required (not included).

## ■ COMMUNICATION

### Communication with router

Protocol: Wi-Fi

Standard: IEEE 802.11 b/g/n

Frequency: 2.4 GHz

### Communication with detectors and accessories

Protocol: Zigbee 3.0

Frequency: 2.4 GHz

Transmission power: +20 dBm

Receiver sensitivity: -108 dBm

## ■ ALSO AVAILABLE

PEX Ready smart valve

## ■ STANDARDS

Complies with CSA B125.3-12 Plumbing fittings

Valve body tested EU RoHS 2 (Directive 2011/65 / EU)

## ■ DIAMETER

VA4220WF - 3/4 in NPT x 3/4 in NPT

VA4221WF - 1 in NPT x 1 in NPT



- Remote access and control of the main water inlet through your smartphone or tablet\*
- Choose in which situation(s) you would like to receive alerts by email or push notifications (detection of a leak, risk of frost, etc.)\*\*
- See the batteries' status directly in the app
- Automatic valve closure when you are away thanks to the geofencing feature
- Choose to close the valve when the temperature detected by the sensor drops below 5°C (41°F risk of frost)
- Possibility to close the smart water valve in case of power failure, especially if the batteries are low

\* Remote access requires a permanent Internet connection and the Neviweb app.

\*\*Requires a Sinopé smart valve, a permanent Internet connection and the Neviweb app available on the App Store and Google Play.

Note: If you added your valve to Neviweb before December 15, 2021, you have access to SMS alerts. However, if you eventually decide to disable SMS alerts, there is no going back. You will only receive push notifications and email alerts.

## ■ TECHNICAL SPECIFICATIONS

Valve body: Stainless steel, lead-free

Controller's base: Fiberglass reinforced

Ball valve: Full port valve

Maximum pressure: 145 PSI

Maximum torque: 2.5 N.m

Power supply: 5V / 5W (included)

Backup power supply: 4 AAA lithium batteries (not included)

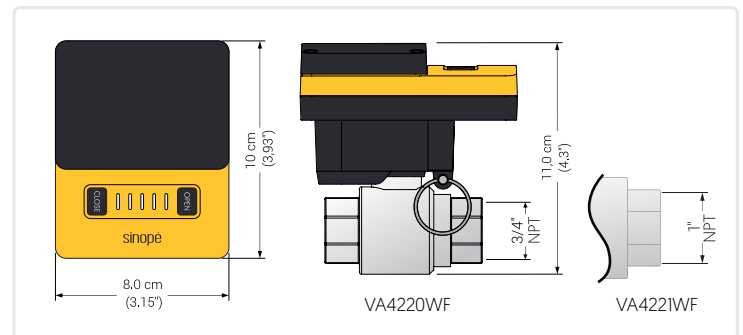
Operating temperature: 0 °C to 40 °C (32 °F to 104 °F)

Maximum water temperature: 85 °C (185 °F)

Storage: -20 °C to 50 °C (-4 °F to 122 °F)

3-year warranty

\*Indoor installation only



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