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

works with **neviweb**

SmartThings

works with **alexa**

works with **Hey Google**

 Sedna

Wi-Fi

■ FEATURES

- Automatic valve closure as soon as a water leak is detected by one of the detectors*

- Possibility to add a back-up power supply to the valve for ongoing operation
  - AAA lithium batteries (not included): up to 24 hours
  - Uninterruptible power supply (not included): up to 24 hours
  - Batteries + uninterruptible power supply: 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
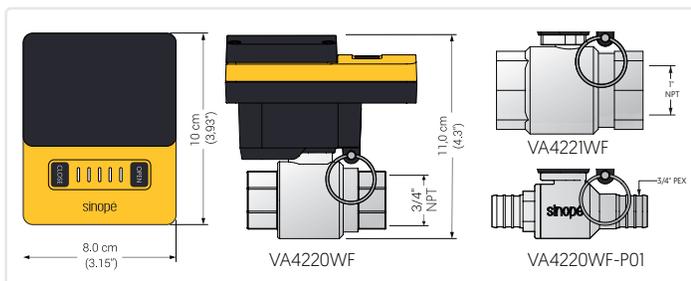**Receiver sensitivity:** -108 dBm

■ STANDARDS

Complies with CSA B125.3-12 Plumbing fittings
Complies with CSA B125.14 (only for VA4220WF-P01)
EU RoHS 2 tested valve body (Directive 2011/65 / EU)
NSF/ANSI61 compliant
NSF372 compliant (only for VA4220WF-P01)

10 cm (3.93")
8.0 cm (3.15")
11.0 cm (4.3")
3/4" NPT
VA4220WF
VA4221WF
1" NPT
3/4" PEX
VA4220WF-P01

ꟼneviweb

- 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

Diameter
- VA4220WF: ¾ in NPT x ¾ in NPT
- VA4220WF-P01: ¾ in PEX x ¾ in PEX (PEX Type B)
- VA4221WF: 1 in NPT x 1 in. NPT

Valve body
- VA4220WF: Stainless steel, lead-free
- VA4220WF-P01: C46500 brass, lead-free, nickel (exterior)

Controller base: Fiberglass reinforced

Ball valve: Full port valve

Maximum pressure
- VA4220WF: 145 PSI
- VA4220WF-P01: 150 PSI

Maximum torque
- VA4220WF: 2.5 N.m.
- VA4220WF-P01: 1.0 N.m.

Power supply: 5V / 5W (included)

Backup power supply: 4 AAA lithium batteries (not included) and/or uninterruptible power supply (not included)

Operating temperature
- VA4220WF: 0°C to 40°C (32°F to 104°F)
- VA4220WF-P01: 1°C to 40°C (34°F to 104°F)

Maximum water temperature: 85°C (185°F)
Storage: -20°C to 50°C (-4°F to 122°F)
Warranty: 3 years

*Indoor installation only