

WATER PROTEC

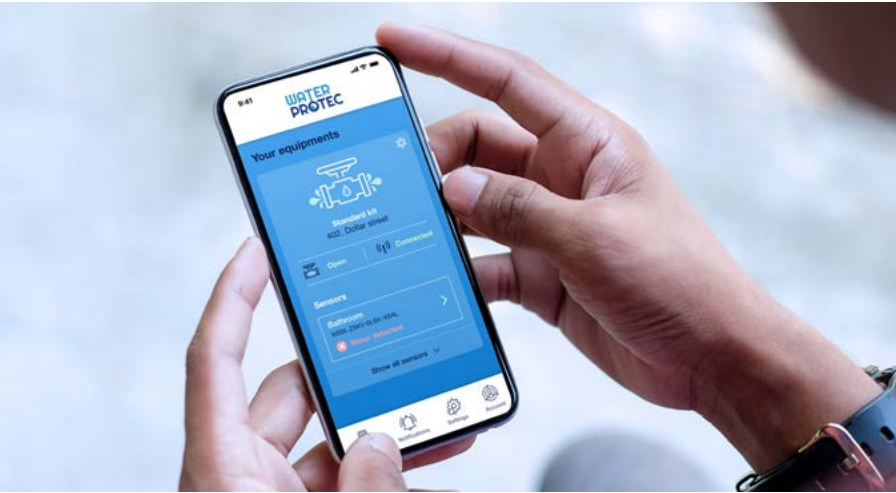


F SERIES

PRODUCT SPEC SHEET

The Water-Protec F Series is a next-generation wireless solution designed for automated leak detection. With its rapid-response technology, outstanding battery autonomy, and user-friendly management platform, it's ideally suited for both multi-unit residential buildings and single-family homes.

**PROTECT WHAT MATTERS
WITH WATER-PROTEC**



SMART FEATURES

- + Instant detection with automatic valve shut-off in under one second.
- + Quick and flexible installation – no changes required to existing infrastructure.
- + No complex maintenance – lifetime-guaranteed rechargeable batteries with easy USB-C charging every 4 to 6 years
- + Optional flow meter for advanced detection and water consumption tracking.
- + Sensors equipped with accelerometers to detect movement or tampering.
- + Web platform and mobile app for remote control, alerts, event logs, and notifications.
- + Real-time monitoring of temperature and sensor status.
- + Over-the-air firmware updates, no technician required.
- + Supports up to 60 zones, with an unlimited number of sensors.
- + 15-minute audible alarm triggered by leaks or anomalies.
- + Compatible with residential alarm systems.



Ready to protect your project from water damage?
water-protec.com | canada@water-protec.com



POWER & AUTONOMY

Each sensor is powered by USB-C rechargeable batteries, requiring a charge only every 4 to 6 years. Each battery can support up to 350 charge cycles. The smart control panel is equipped with a backup battery (3 to 4 days of autonomy) and a 9V emergency battery, ensuring uninterrupted operation during power outages.



CONNECTIVITY & COMMUNICATION

The system uses secure 915 MHz RF communication, approved by FCC and Industry Canada (IC). It also supports Wi-Fi (802.11 b/g/n) with WEP/WPA/WPA2 encryption.

Remote system access is available through the mobile app or web platform, including real-time SMS and email notifications.



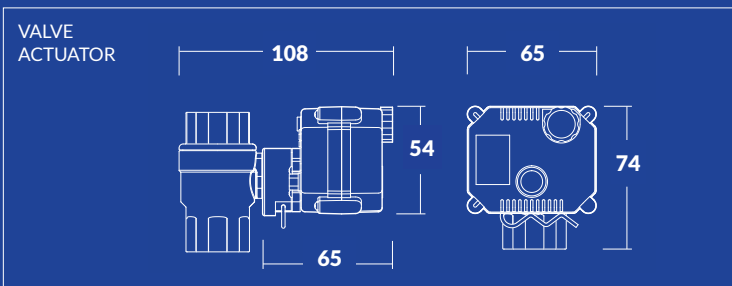
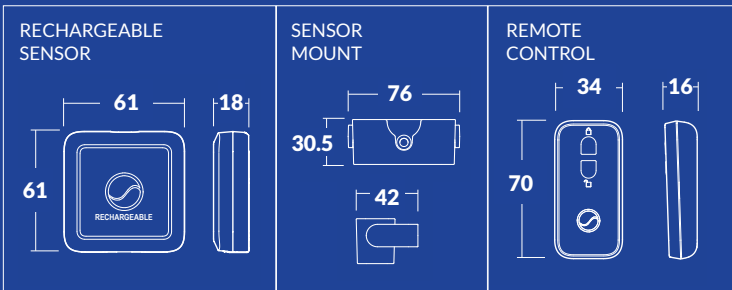
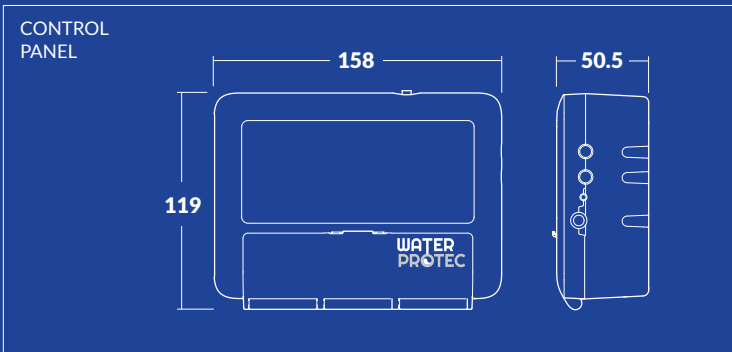
A DURABLE, HIGH-PERFORMANCE CHOICE

- + Components made from recycled materials
- + FSC-certified and recyclable packaging
- + Designed and assembled in Canada
- + No monthly fees for access to the management platform

F SERIES KIT COMPONENTS

- + 1 stainless steel electronic valve, Intertek-ETL tested, CSA 125.3 certified. (¾ in. to 8 in.)
- + 5 high-precision wireless sensors with lifetime-guaranteed rechargeable batteries.
- + 1 smart control panel with backup battery. (3 to 4 days of autonomy)
- + 1 remote control for quick manual access.
- + 1 12V power adapter.
- + 1 9V backup battery.

DIMENSIONS (in mm)



TECHNICAL SPECIFICATIONS

GENERAL

Maximum number of sensors / wireless sensors	60
System display	LED
Languages	French, English

COMMUNICATION/NOTIFICATIONS

Wi-Fi protocols	802.11 b/g/n
Wi-Fi encryption	WEP, WPA, WPA2
Data packet size / once per minute	300 bytes
Data packet size / on alert	100 bytes
Server communication port	443

RF RECEIVER

Frequency	915MHz
Sensitivity -120 dBm	-126dBm

ELECTRICAL

Operating voltage	15 VDC @ 2 Amps
Power supply input	120 VAC, 60Hz,
Output voltage (Valve)	2 x 12VDC 1 Amp
Power cable length	3 feet
Protection level	III
Control action	Type 1.B
Control function	Class A

BATTERIES

Rechargeable battery	11.1 VDC 1900mAh lithium
Secondary battery	9VDC

ENVIRONMENT

Storage temperature	-4 °F~122 °F (-20 °C~50 °C)
Operating temperature	32 °F~104 °F (0 °C~40 °C)
Protection rating	(IP) IPX0
Pollution degree	2

APPROVALS

Stainless steel valve tested by Intertek-ETL and compliant with CSA standards (125.3)

System communication via radio frequency (915 MHz) approved by FCC – Industry Canada – IC

Wi-Fi module FCC ID	2AC7Z-ESP868405
RF module FCC ID	2AD66-915

15-minute continuous audible alarm when a sensor detects an anomaly

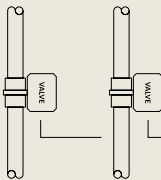
Our control panel can be connected to a home alarm system, allowing the owner to be notified via their monitoring center.

 PREVCAN MEMBER

WIRING DIAGRAM

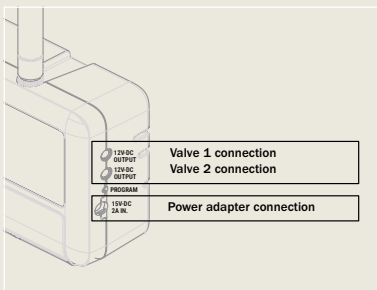
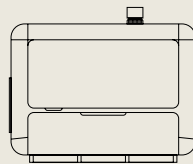
Valve connected to the water inlet pipe(s)






ECD EFD



Control panel plugged into an electrical circuit installed in the mechanical room

RF communication - 915 MHz



-  **Sensor**
under kitchen sink(s)
-  **Sensor, detection plate or wire**
under dishwasher
-  **Bathroom**
behind toilet
-  **Mechanical room**
water heater
-  **Any other appliance**
connected to the water supply