

# Armada Smart Water Valve

## Remote Water Shutoff and Precision Flow Control Protect Your Property from Anywhere

Model FK-V02 | Powered by Shelly

The Armada Smart Water Valve is a Wi-Fi-enabled motorized ball valve providing remote control for individual units or shared systems. When paired with Armada Leak Sensors, the system automatically detects leaks and shuts off the water supply to prevent damage.

Managers monitor and control the valve through Fleet Commander and/or the Armada Power mobile app. Residents receive device status updates through the app as well.



Powered by  
**armada**

### Value for the Property

- Remotely shut off water to a unit or shared system through Fleet Commander and/or the Armada Power mobile app at any time from anywhere.
- Pairs directly with the Armada Smart Water Leak Sensor for automated shutoff: when a leak is detected, the valve closes automatically without requiring manual intervention.
- Full port design minimizes flow restriction, keeping water pressure consistent throughout normal operation.
- NSF/ANSI/CAN 61 certified — lead-free 304 stainless steel construction is approved for drinking water systems.
- Manual override switch ensures the valve can always be operated on-site even without network connectivity.

### Value for the Resident

- Control water supply directly from the Armada Power app — turn water on or off remotely for added peace of mind while traveling or away from home.
- Status notification through the Armada Power app if the valve is activated by a leak detection event.
- Quiet, unobtrusive installation — the valve fits standard 3/4" NPT pipe connections with no special tools or major plumbing work required.

### How it Works

The Armada Smart Water Valve installs directly into the existing water supply line at the point of control — typically at the unit shutoff, under-sink supply, or main building entry. Once connected to Wi-Fi and registered in Fleet Commander, the valve reports its open/closed status in real time and can be operated remotely by property management or the resident through the Armada Power app.

When integrated with the Armada Smart Water Leak Sensor, the system operates automatically: a leak detected at the sensor triggers an alert and, if configured, closes the valve within seconds — stopping water flow before it can cause structural damage, mold, or unit turnover costs.

### Key Use Cases

- Automated leak response — Close the valve automatically when the Armada Leak Sensor detects water.
- Vacancy management — Remotely shut off water to unoccupied units between tenancies.
- Emergency shutoff — Close water supply immediately during a pipe emergency or maintenance event without needing physical access.
- Seasonal protection — Shut off water to vacant or seasonal units to prevent freeze damage or undetected leaks.

### Works Best With

- Armada Smart Water Leak Sensor — Automated detection-to-shutoff in a single integrated system.
- Fleet Commander — Portfolio-level valve status monitoring, remote control, and event logging.
- Armada Power App — Property and resident-facing control, notifications, and scheduling.

*The Smart Water Valve and Leak Sensor are designed to work together as a layered water protection system. Ask your Armada representative about integrated deployment options.*

### From Reactive Management to Predictable Performance.

For more information email [sales@armadapower.com](mailto:sales@armadapower.com) or call 1 (855) 820-7500.



# Armada Smart Water Valve – Specifications

## Hardware Specifications

Manufacturer	Frankever powered by Shelly
Ball valve	Stainless steel, precise valve position control
Ingress Protection	IP65
Model No	FK-V02
Material	SS304 & Engineering Plastics
Valve size	DN15, DN20, DN25, DN32
Screw thread	¼" NPT (National Pipe Thread) – standard U.S. residential and commercial pipe threading
Max. pressure	1.0 MPa
Input voltage	DC 5 V, 2 A by USB adapter

## Wi-Fi and Bluetooth

Wi-Fi Protocol	802.11 b/g/n
RF band	2412 - 2484 MHz
Max. RF power	< 20 dBm
Range	Up to 30 m / 100 ft indoors and 50 m / 160 ft outdoors (Depends on local conditions)
Bluetooth Protocol	5
RF band	2402 - 2480 MHz
Range	Up to 10 m / 33 ft indoors and 30 m / 100 ft outdoors (Depends on local conditions)

## Smart Home Ecosystem Compatibility

- Armada Smart Water Leak Sensor positioned at the highest-risk leak points – under water heaters, behind dishwashers, along supply lines.
- Sensor detects water contact and triggers an alert.
- Alert delivered to the property team through Fleet Commander and/or the Armada Power mobile app. Residents receive status update through the app as well.

## Armada Platform

- Armada Smart Water Valve receives the shutoff command and closes within 3–5 seconds.
- Property teams can confirm valve status in Fleet Commander.
- Resident is notified of device status change through the Armada Power mobile app.
- Manual override available on-site for immediate physical control.

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