

Smart Irrigation Valve –Important product information

Product Description

The Smart Irrigation Valve is a compact, Matter-certified valve for controlling water in garden and micro-irrigation systems. It is designed for private use in home gardens, allotments, or greenhouses. The valve measures water flow, signals for low-battery and can detect freezing or leaks to help protect your irrigation system and reduce water waste. It can be used on its own or with the Grimsholm Garden system.

General Advice

Keep the product away from children as it may contain small parts that could be a choking hazard. Also keep batteries out of reach of children. The product may become hot if exposed to sunlight for a long time and could cause minor burns if touched. If the product is damaged, stop using it and contact the place of purchase. Replace the battery when it is empty. If liquid or residue leaks from a battery, avoid contact with skin or clothing as it may be harmful. Do not use chemicals to clean the product, as they may damage the plastic.

WARNINGS

Please read carefully before installation and use.

Risk of water damage: Incorrect installation or loose connections may result in leakage and property damage. Always check for leaks before leaving the system unattended.

Ingress protection (IP65): The device is rated IP65 only when the battery compartment cover is properly and securely closed. If not, water, may enter and damage the device.

Electrical safety – battery operated device: Do not disassemble or modify the device. There are no parts inside the device that can be selfserviced except for replacing the battery. Unauthorized modifications may void regulatory approvals.

Freezing conditions: Water left inside the valve may freeze and cause damage to the device. Drain and disconnect the device before prolonged exposure to freezing temperatures (0°C and below). In the case of prolonged storage, please remove the battery and store the device in dry area with temperature above + 5 °C.

Intended use: This product is intended for outdoor garden irrigation systems. It is not designed for professional use, such as a flood prevention device or for use in high-pressure plumbing systems.

CAUTIONS

Battery handling: Insert the batteries with the correct polarity. Use only CR123A batteries. Dispose of used batteries according to local regulations.

Environmental exposure: The device is designed for outdoor use, but prolonged exposure to extreme temperatures, continuous direct sunlight, or chemicals may reduce its lifetime.

Installation environment: Install the product in a stable location and protect it from mechanical stress.

Technical Data

Specification	Value
Connectivity	Matter-over-Thread
Wireless Standard	IEEE 802.15.4 (Thread)
Frequency Band	2400–2483.5 MHz
Wireless Range	Up to 60 m in open air
Power Supply	1 × CR123A battery
Rated Voltage	3 V DC
Ingress Protection	IP65 if battery lid is closed
Maximum Water Pressure	8 bar (0.8 MPa)
Operating Temperature	+ 5 °C to + 50 °C
Intended Use	Outdoor irrigation systems

Wireless range may vary depending on environmental conditions and obstacles.

Manufacturer

Grimsholm Products AB
Åkarevägen 39
311 32 Falkenberg
Sweden
www.grimsholm.com

Warranty Information

For any warranty claim, contact the place of purchase.

Grimsholm Products AB provides a limited warranty against defects in materials and workmanship under normal use.

For full warranty terms and claim procedures, visit: www.grimsholm.com

The warranty does not cover damage caused by:

- Incorrect installation or misuse
- Frost damage
- Water pressure exceeding specifications
- Unauthorized modifications
- Normal wear and tear

Proof of purchase is required for any claim.

This warranty does not affect your statutory consumer rights.

For full warranty terms visit: www.grimsholm.com

Disposal and Recycling of Old Product



The crossed-out bin symbol means that the device and its battery must be disposed of separately from household waste. Dispose of the device and its battery at an authorized collection point for electrical and electronic equipment in accordance with local laws and regulations. Proper recycling helps protect the environment, conserve resources, and prevent harmful materials from entering nature.

CE - Simplified EU Declaration of Conformity

Grimsholm Products AB hereby declares that the radio equipment type **Smart Irrigation Valve** is in compliance with Directive 2014/53/EU. The device operates in the 2.4 GHz frequency band (2400–2483.5 MHz). The full text of the EU Declaration of Conformity is available at: www.grimsholm.com

The CE marking indicates compliance with EU safety, electromagnetic compatibility (EMC), radio spectrum, and environmental requirements.

FCC Compliance Statement (USA)

FCC ID: [2BU86-SIV261]

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

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:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.

This equipment complies with the FCC radiation exposure limits set forth for an uncontrolled environment, This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.