

## WIRELESS FLOOD DETECTOR

Model: RWT6F

EN

### Installation instructions



EN

### 1 General Description

The wireless flood detector is a fully supervised detector used to detect the presence of water based liquids at any desired location such as basements or water tanks.  
The detector is comprised from 2 parts: Wireless transmitter and flood sensor which are connected by 2.4m cable.  
The detector operates with RISCO Group's programmable wireless receivers.

### 2 LED Indication

On: The LED turns on each time the detector transmits (alarm, tamper or supervision). Blink: Low battery condition. The LED will blink on each transmission.

### 3 Quick Device Allocation at the Control Panel

The detector is automatically programmed to your control panel during the on-line installation wizard setup. If you later purchase an extra detector you can enroll it as follows:

#### To quickly allocate the detector at the control panel:

If the control panel is not already in Learn mode, press the  button on the control panel for 5 seconds; the unit beeps once as it enters Learn mode (all the LEDs also light up, one after the other).

Remove the plastic wrapping from the batteries before installation and make sure the cover is removed so the internal tamper switch is accessible.

Send a signal transmission from the detector by pressing the tamper button for at least 2 seconds; the control panel beeps once to accept or beeps three times to reject. Once accepted, the system announces the device type and its zone (for example, "Detector, zone 1").

When the detectors have been enrolled, short-press the control panel button  to exit Learn mode; the unit beeps once and the LEDs stop flashing.

**Note:** For future use, it is recommended to write down the detector description, zone number, and installation location of each allocated detector.

### 4 Installation

Select a mounting location that is suitable both for the transmitter and the flood sensor as follows:

Transmitter Mounting Location:

- Place the transmitter at the highest possible position to improve communication and prevent from coming wet in the event of flooding.
- Test the transmitter's communication quality by generating an alarm and verifying that the receiver has received it. If the alarm signal is not detected, reposition the transmitter and try again.

#### Flood Sensor Mounting location:

The flood sensor should be placed in a position where water will accumulate rapidly in an event of flooding.

After selecting the mounting location:

- Attach the flood sensor in horizontal position near the floor with using the double-sided adhesive.
- Secure the flood sensor cable to the wall. (Note: It is recommended to place the flood sensor cable inside metal or plastic pipe).

### 5 Jumpers settings

Please do not change the jumper settings.

### 6 Technical Specifications

| Electrical                    |                                         |
|-------------------------------|-----------------------------------------|
| Current consumption (standby) | 10 uA standby                           |
| Battery life                  | 5 years                                 |
| Range (loss)                  | 300m (1000 feet)                        |
| Voltage requirements          | CR123A 3VDC Lithium Batteries           |
| Frequency                     | 915MHz                                  |
| Physical                      |                                         |
| Size (LxWxD)                  | 81 x 35 x 32 mm (3.2 x 1.37 x 1.27 in.) |
| Environmental                 |                                         |
| Operating temperature         | 0°C to 55°C (-32°F to 131°F)            |
| Storage temperature           | -20°C to 60°C (-4°F to 140°F)           |

#### RISCO Group Limited Warranty

RISCO Group and its subsidiaries and affiliates ("Seller") warrants its products to be free from defects in materials and workmanship under normal use for 24 months from the date of production. Because Seller does not install or connect the product and because the product may be used in conjunction with products not manufactured by the Seller, Seller can not guarantee the performance of the security system which uses this product. Sellers' obligation and liability under this warranty is expressly limited to repairing and replacing, at Sellers option, within a reasonable time after the date of delivery, any product not meeting the specifications. Seller makes no other warranty, expressed or implied, and makes no warranty of merchantability or of fitness for any particular purpose. In no case shall seller be liable for any consequential or incidental damages for breach of this or any other warranty, expressed or implied, or upon any other basis of liability whatsoever. Sellers obligation under this warranty shall not include any transportation charges or costs of installation or any liability for direct, indirect, or not be compromised or circumvented; that the product will prevent any persons; injury or property loss by intruder, robbery, fire or otherwise; or that the product will in all cases provide adequate warning or protection. Buyer understands that a properly installed and maintained alarm may only reduce the risk of intruder, robbery or fire without warning, but is not insurance or a guaranty that such will not occur or that there will be no personal injury or property loss as a result. Consequently seller shall have no liability for any personal injury, property damage or loss based on a claim that the product fails to give warning. However, if seller is held liable, whether directly or indirectly, for any loss or damage arising from under this limited warranty or otherwise, regardless of cause or origin, sellers maximum liability shall not exceed the purchase price of the product, which shall be complete and exclusive remedy against seller. No employee or representative of Seller is authorized to change this warranty in any way or grant any other warranty.

**WARNING:** This product should be tested at least once a week.

**CAUTION:** Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to local regulations.

#### FCC ID: JE4RWT6F915

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, and
- (2) This device must accept any interference received, including interference that may cause undesired operation

Changes or modifications to this equipment which are not expressly approved by the party responsible for compliance (RISCO Group's.) could void the user's authority to operate the equipment.

#### FCC Note

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 on and off, 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 the receiver.
- ✦ Connect the equipment into an outlet on a different circuit from that to which the receiver is connected.
- ✦ Consult the dealer or an experienced radio/TV technician for help.

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