

## English (US)

### Installation and operating instructions

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#### 1. Location

Do not install the Push-button HWR-D in a shower or under the tap/faucet where it could be exposed to water. Mount it at a suitable height out of reach of small children and pets.

Maximum ambient temperature is 104 °F (40 °C), non-condensing environments.

#### 2. Installing the push-button

To install the push-button:

1. Remove the mounting bracket from the back of the push-button.
2. Remove the pull-tab from the end of the AAA batteries. The push-button will start up.

3. To pair the push-button with the pump: With the push-button near the pump, press and hold the connect button on the pump for 2 seconds. The blue connect symbol will flash. The connect symbol will stop flashing after 30 seconds if no device has been detected.

4. Activate the push-button for 2 seconds. The blue connect symbol on the push-button will flash.
5. After successful pairing of the push-button and the pump, the blue connect symbol will be on continuously for 5 seconds on both devices.

6. If the pairing fails, the connect symbol will flash red for 5 seconds on both the pump and the push-button. If pairing fails, retry the pairing procedure.

7. To verify operation activate the push-button for less than 2 seconds. Check that the connect symbol on the pump is on and green for approx. 2 seconds and the pump turns on.

8. Use the included double-sided tape to fasten the mounting bracket to a surface or wall away from water droplets or splashes.

9. Snap the push-button onto the mounting bracket.

10. If more than one push-button is used for the system, repeat the installation procedure.

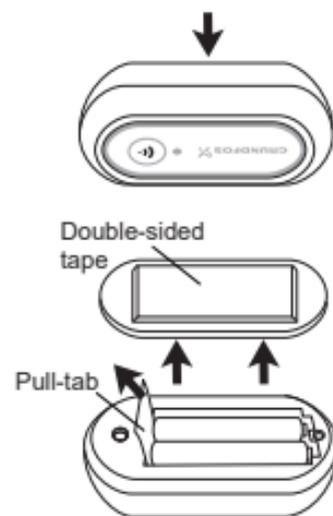


Fig. 1 Removing the mounting bracket and pull-tab

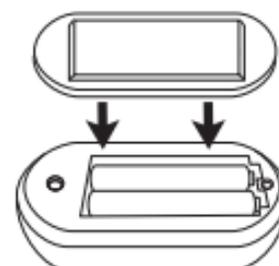


Fig. 2 Replacing the mounting bracket

#### 3. Control functions

**LED, flashing blue** - The LED flashes blue when the push-button is ready for pairing with the pump.

**LED, blue** - The LED lights blue for 5 seconds when pairing between the push-button and the pump has succeeded.

**LED, flashing red (5 seconds) during installation** - The LED flashes red for 5 seconds when pairing between the push-button and the pump has failed. Restart of the installation procedure is recommended.

**LED, flashing red (2 seconds) during normal operation** - The LED flashes red for 2 seconds when the battery level in the push-button is at a critical level, and the push-button is activated. Replacement of the batteries in the push-button is recommended.

**LED, lights green (2 seconds) during normal operation** - The LED flashes green for 2 seconds when the push-button is operating normally.

#### 4. Approvals



Intertek

#### FCC sections

##### Section 15.19 (a) 3

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.

##### Section 15.21

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

##### Section 15.105 (b)

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 to 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.

This equipment should be installed and operated keeping the radiator at least 8 in (20 cm) or more away from person's body.

#### Canadian ISED information

This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure

Guidelines and RSS-102 of the IC radio frequency (RF) Exposure rules.

Cet équipement est conforme aux limites d'exposition aux rayonnements définies par la norme FCC / IC pour un environnement non contrôlé et est conforme aux directives d'exposition de la FCC en matière de radiofréquences et la norme RSS-102, des règles d'exposition aux radiofréquences (RF) de l'IC. Cet équipement doit être installé et utilisé en maintenant le radiateur à au moins 8 in (20 cm) du corps de la personne.

This device (Push-button HWR-D) contains license-exempt transmitter(s)/ receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions: 1. This device may not cause interference. 2. This device must accept any interference, including interference that may cause undesired operation of the device. Innovation, Science and Economic Development Canada ICES-003 Compliance Label: CAN ICES-3(B)/NMB-3(B).

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio

exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : 1. L'appareil ne doit pas produire de brouillage; 2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement. Étiquette de conformité à la NMB-003 d'Innovation, Sciences et Développement économique Canada : CAN ICES-3(B)/-3(B).

This device (Push-button HWR-D) complies with Industry Canada RSS-247 and license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Ce dispositif est conforme à la norme CNR-247 d'Industrie Canada applicable aux appareils radio exempts de licence. Son fonctionnement est sujet aux deux conditions suivantes: (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

## 5. Servicing the product

### 5.1 Battery replacement



## WARNING

### Biological hazard

Death or serious personal injury  
- Keep batteries out of reach of small children, the elderly, and pets. Batteries can cause permanent injury if ingested or placed in the nose, mouth, or ears.  
- Immediate emergency room treatment is required for anyone who ingests a battery. In addition, in the US, consult the 24-hour National Battery Ingestion Hotline at 800-498-8666 for assistance.



## CAUTION

### Corrosive substance

Moderate to minor personal injury and risk of property damage  
- Replace the push-button if battery leakage occurs.



## CAUTION

### Flammable material

Moderate to minor personal injury  
- Do not attempt to recharge non-rechargeable batteries.  
- Ensure that disposal of old batteries is in accordance with local regulations. Recycle old batteries where possible.



To clean the push button, wipe it with a clean, damp cloth.

The push-button uses AAA 1.5 V alkaline batteries. To change the battery in the push-button, follow these steps:

1. Remove the push-button from the mounting bracket on the back of the push-button.
2. Remove the old batteries.
3. Insert the two new batteries.
4. Replace the push-button on the mounting bracket.

### 7. Technical data

Ambient temperature:  
34 to 104 °F (1 to 40 °C),  
non-condensing environments.

### 8. Disposing of the product

This product or parts of it must be disposed of in an environmentally sound way:

1. Use the public or private waste collection service.
2. If this is not possible, contact the nearest Grundfos representative. See also end-of-life information at [www.grundfos.com/product-recycling](http://www.grundfos.com/product-recycling)

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## Push-button HWR-D

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