

Water & Temperature Sensing Alarm System (Battery Operated)

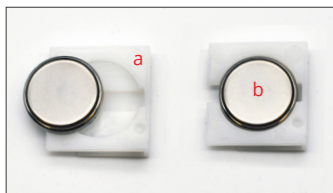
(Product Code HD-S1P & HD-S2P)

Installation, Operation & Maintenance Instructions

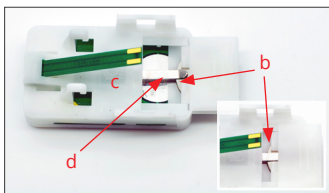
General overview of hotun detect

- Audible and visual alarm unit for T/PRV discharges (complies with G3 regulations to aid visually and mobility impaired)
- Helps save water and energy
- Simple, quick, hook on design: Will fit all new and existing hotun dry trap tundishes
- Senses presence of water and temperature in four stages (up to 20°C, 20-60°C, 60-85°C, >85°C)
- Four alarm stages gives the plumber a better indication of fault when triaging the issue over the phone Giving increased chance of first time repair
- Unit operational indication
- Battery low power alarm
- Simple Mute (12 hour) and reset operation
- Battery operated (2032 coin cell, supplied with unit.) Requires no specialist electrical knowledge to fit

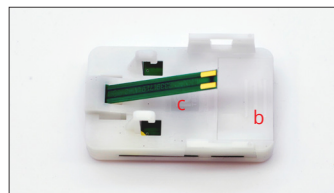
1. Installation – Battery mounting



1. With the battery sliding door facing up [a] place battery in battery door [a] ensuring that the with battery positive (+) is inserted face down [b].



2. Insert battery sliding door housing (with battery) [b] into detect casing [c]. Ensure the metal clip [d] is on top of battery.

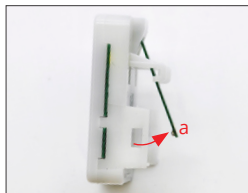


3. Push battery door housing [b] completely into casing [c] and closes with a click.

When a fresh battery has been inserted correctly the unit will flash a GREEN light (every 8 seconds). Should the battery have insufficient power, the unit will emit a single beep with alternate flashing RED & GREEN lights.

2. Installation – onto hotun tundish

The unit has a simple mounting (hook) arrangement and can be secured to the hotun tundish with the supplied cable tie.



1. Before installation onto tundish carefully, slightly pull the sensor [a] away from the casing.



2. Ensuring that the sensor is inserted inside of the tundish seat the unit's mounting hook [b], onto tundish sides.



3. If required, hotun detect can be secured to the hotun tundish using the supplied cable tie.



4. Feed the cable ties through holes [c] and wrap zip wire around the tundish and secure lightly, trimming any excess cable tie to suit

3. Battery replacement

When the battery requires replacing, insert a small flat bladed screwdriver into the battery compartment door at the base of the unit and gently prise the compartment open.

Operation

Normal Operation

When the battery is correctly fitted, the unit will give a single green light flash every 8 seconds

Commissioning

Once the battery is inserted, slightly wet the sensor tip and the unit will go into an alarm stage warning.

To reset this alarm, either remove and re-insert the battery or reset the unit according to the procedure below.

Alarm sequence

Stage 1 Warning

Water present at a temperature up to 20°C - A single beep + Red flash every 20 seconds

Stage 2 Warning

Water present at a temperature between 20°C & 60°C - two beeps + Red flash every 20 seconds

Stage 3 Warning

Water present at a temperature from 60°C to 80°C -three beeps + Red flashes every 20 seconds

Stage 4 Warning

Water present from 86 Deg°C and above - two successive long beeps + Red flashes every 20 seconds

Low Battery Warning

Single beep + rapid red/green alternate flashes every 30 seconds

Muting

Press and hold for 2-3 seconds. Amber flashing for 2 seconds (no beep) Mute lasts for 12 hours.

Operation when muted

All warnings continue as above but with lights only (no sounds)

Mute Cancel










Muting is cancelled by a single press of the mute button and confirmation is a single beep with green flash

Reset unit

PLEASE NOTE: Resetting the alarm can only be done from the muted setting.

Press and hold for 7-8 seconds. When the unit gives a single long beep together with rapid flashing green lights for 2 seconds, then can the button be released. The unit has now been reset and will revert to normal operation.

Table of operation

	Temp	Audible	Visual	Repeat (seconds)
Battery normal operation	N/A	None	1 x Green flash 	8
Stage 1 warning	Up to 20°C	1 beep	1 x Red flash 	20
Stage 2 warning	20 – 60°C	2 beeps	2 x Red flash 	20
Stage 3 warning	60 – 85°C	3 beeps	3 x Red flash 	20
Stage 4 warning	>85°C	2 long beeps	2 x long Red flashes 	20
Battery low power		1 x beep	Rapid Red/Green alternating 	30
Mute	N/A	None	Amber flashing for 2 seconds 	None
Mute cancel	N/A	1 x beep	1 x Green flash 	As stage warning
Warning Reset	N/A	1 x long beep	Rapid Green flashing for 2 seconds 	N/A

Notes

Battery low power indication cannot be reset. Please replace battery.

The warning alarm can only be reset from its muted setting.

Maintenance

There are no special maintenance requirements.

If the low battery warning sounds, replace the battery to keep the unit in operational condition.

Warranty (2 years standard + 1 year if registered)

RA Tech UK Ltd provides a 2 year warranty from time of purchase for any manufacturing defect with the product. When you register hotun detect within three months of the purchase date we will give you an additional ONE year Warranty.

Warranty claims procedure

If you think you have a faulty product, please fill out our warranty returns form on our website and upload your sales invoice (or other proof of purchase) and once we have acknowledged your claim and received the old unit, we will replace the faulty product and refund the cost of your postage. This should take no longer than a few days.

Alternatively: Please return the faulty product from where you purchased. The Merchant will contact us by phone and provided the merchant holds hotun detect in stock, an authorisation to replace the unit will be given by RA Tech with immediate effect (under our Warranty no quibble promise).

