Splenssy GABLE 5Y

Splenssy Heat Alarm Heat Detector

User Manual

1. Introduction

The Splenssy Heat Alarm Heat Detector is a fixed temperature thermal alarm designed to provide an early warning of fire by detecting abnormal heat levels. It is an A1 level alarm, activating when the ambient temperature reaches between 55°C and 65°C. This battery-powered device emits an 85dB alarm sound upon activation.

This heat alarm is specifically engineered for environments where traditional smoke alarms may be prone to false alarms due to high levels of fumes, smoke, or dust. Ideal locations include kitchens, garages, and boiler houses.

Important Note: This device detects heat only. It does not detect gas, smoke, or flames. It cannot replace smoke alarms and should NOT be installed in escape routes.

Image 1.1: The Splenssy Heat Alarm is designed to protect your family's safety by detecting heat from fires.

2. Safety Information

Please read all instructions carefully before installation and use to ensure effective operation and safety.

- **Installation Location:** Do not install this heat alarm in escape routes. It is not a substitute for smoke alarms in these critical areas.
- **Detection Limitations:** This device is a heat detector only. It will not detect the presence of gas, smoke, or flames. Ensure appropriate detectors are installed for these hazards if necessary.
- **Battery Safety:** The device uses a 3V DC Lithium Battery. Do not attempt to recharge, disassemble, heat above 100°C (212°F), or incinerate the battery. Risk of fire and burns. Do not mix fresh batteries with used batteries or other battery types.
- **Maintenance:** Regularly test the alarm as per the instructions to ensure proper functionality.

3. Product Overview

The Splenssy Heat Alarm is a compact, white, square-shaped device designed for discreet installation. It features a thermistor heat sensing element for accurate and stable temperature detection.

Image 3.1: Front view of the Splenssy Heat Alarm.

Components:

- **Heat Sensing Element:** Thermistor for precise temperature monitoring.
- **Test Button:** Allows for manual testing of the alarm's functionality.
- **Alarm Indicator:** Visual indicator (e.g., LED) that illuminates during alarm or test.
- **Battery Compartment:** Located on the rear for battery installation.

Image 3.2: The thermistor heat sensing element ensures accuracy, reliability, and stability.

4. Setup and Installation

Choosing an Installation Location:

Select a location where the risk of fire is high due to heat, but where smoke alarms are impractical due to normal levels of fumes or dust. Recommended locations include:

- Kitchens
- Garages
- Boiler Houses

Avoid installing in escape routes or areas where the temperature frequently exceeds 65°C or drops below 55°C under normal conditions.

Image 4.1: The heat alarm is suitable for various indoor areas such as homes, offices, and factories.

Battery Installation:

The device is powered by a 3V DC Lithium Battery with an estimated 5-year lifespan. To install or replace the battery:

1. Locate the battery compartment on the rear of the unit.
2. Open the compartment cover.
3. Insert the 3V DC Lithium Battery, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.

Image 4.2: Rear view showing the battery compartment and low battery warning indicator.

Mounting the Device:

While specific mounting hardware is not detailed, typically heat alarms are mounted on ceilings or high on walls. Refer to the packaging for any included mounting brackets or screws.

- Ensure the mounting surface is clean and dry.
- Securely attach the mounting bracket (if applicable) to the chosen location.
- Attach the heat alarm to the bracket or directly to the surface as instructed.

5. Operating Instructions

Normal Operation:

Once installed with a functional battery, the heat alarm continuously monitors the ambient temperature. It remains silent during normal operating conditions.

Alarm Activation:

The alarm will activate and emit an 85dB sound when the temperature at the sensor reaches between 55°C and 65°C. The alarm indicator will also illuminate.

Image 5.1: The 85dB sound alarm is powerful enough to alert occupants during emergencies.

Testing the Alarm:

It is recommended to test the alarm weekly to ensure it is functioning correctly.

1. Press and hold the test button located on the front of the unit.
2. The alarm should sound loudly (85dB) and the indicator light should activate.
3. Release the button. The alarm should stop.

If the alarm does not sound during testing, refer to the Troubleshooting section.

Low Battery Warning:

The device supports a 30-day low battery warning. When the battery is low, the alarm will emit a periodic chirp or visual signal to indicate that the battery needs replacement.

6. Maintenance

Battery Replacement:

Replace the battery immediately when the low battery warning is activated. Follow the battery installation steps in Section 4. Use only a new 3V DC Lithium Battery.

Cleaning:

Dust and debris can affect the performance of the heat alarm. Clean the exterior of the unit regularly (e.g., monthly) using a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Do not paint the alarm.

Regular Testing:

Perform a weekly test of the alarm as described in Section 5 to ensure it is in proper working order.

7. Troubleshooting

Problem	Possible Cause	Solution
Alarm does not sound during test.	Dead or improperly installed battery.	Check battery polarity. Replace battery with a new 3V DC Lithium Battery.
Alarm chirps periodically.	Low battery warning.	Replace the battery immediately.
Alarm sounds without apparent fire.	High ambient temperature (above 65°C).	Verify the ambient temperature. If consistently high, consider relocating the alarm to an area within its operating temperature range.

8. Specifications

- **Brand:** Splenssy
- **Model:** GABLE 5Y
- **Power Source:** 3V DC Lithium Battery (5-year lifespan)
- **Operation Temperature:** CLASS A1, 55°C-65°C (131°F-149°F)
- **Ambient Humidity:** 10%-90% RH (non-condensing)
- **Horn Level:** 85 Decibels at 3 meters
- **Color:** White

- **Item Weight:** Approximately 2.08 ounces (59 grams)
- **Package Dimensions:** Approximately 3.03 x 2.44 x 2.44 inches (7.7 x 6.2 x 6.2 cm)

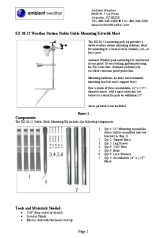
Image 8.1: Key specifications of the Splenssy Heat Alarm.

9. Warranty and Support

Specific warranty information for the Splenssy Heat Alarm Heat Detector is not provided in this manual. For details regarding warranty coverage, returns, or technical support, please contact the manufacturer or your point of purchase directly.

You may find contact information on the product packaging or by visiting the official Splenssy website.

Related Documents - GABLE 5Y

	Possini Euro Gable Modo Chandeliers Assembly Instructions Step-by-step assembly guide for the Possini Euro Gable Modo Chandeliers, detailing how to connect parts, install bulbs, and attach lampshades. Includes clear instructions for each stage of assembly.
	Air Vent Limited Warranty Information and Product Coverage Details the limited warranty terms, limitations, and coverage periods for Air Vent's range of attic ventilation and roofing products, including specific product models and their associated warranty durations.
	Stauer 1938 Gable Chronograph Watch Instruction Manual Instruction manual for the Stauer 1938 Gable Chronograph Watch, detailing watch display, time setting, date setting, chronograph operation, and reset procedures.
	YardLine Stirling Gable 10' x 12' Assembly Manual Comprehensive assembly manual for the YardLine Stirling Gable 10' x 12' shed. Includes parts lists, tools required, assembly instructions, and foundation options.
	Spring Gardener Gable Greenhouses Assembly Instructions Comprehensive assembly instructions for Spring Gardener Gable Greenhouses, including parts lists and warranty information for models 70608, 70810, and 71020. Learn how to assemble your greenhouse step-by-step.
	Ambient Weather EZ-30-12 Stable Gable Mounting Kit Installation Guide Detailed installation instructions for the Ambient Weather EZ-30-12 Stable Gable Mounting Kit with Mast. Learn how to securely mount your weather station using this durable, rust-proof steel pole kit.