



Your safety in every room

FASD2 Photoelectric Smoke Detector

Why choose the FASD2 photoelectric smoke detector?

Ensure peace of mind for your home and employees by investing in the advanced FASD2 photoelectric smoke detector from Ferguson. This device combines the precision of detecting invisible smoke particles with a reliable alarm signal, guaranteeing the highest level of fire protection.

1. Instant Detection of Smoldering Fires

The FASD2 detector uses photoelectric technology to detect even the smallest clouds of visible smoke particles, characteristic of smoldering materials. This allows it to respond faster than traditional ionization detectors, giving you more time to evacuate and call for help.

2. Complete Energy Independence

Battery-powered operation (9V, 6F22/6LR61 battery) eliminates the need for running cables and sockets in the ceiling. Depending on the battery type, it offers up to 5 years of continuous operation.

3. Reliable audible and visual alarm

The alarm's alarm level sows panic in a smoke-filled world – 85 dB at 3 m – and a pulsating red LED immediately alert you to the threat. The mute function (Test & Hush) allows you to easily suppress false alarms for 10 minutes.

4. Interference immunity

Built-in protection against insects, light interference, and dust ensures stable operation even in harsh environmental conditions.

5. Easy installation and maintenance

Mounts the device to the ceiling surface in minutes using two screws. Battery replacement is quick thanks to the battery slot located on the top cover and the reverse polarity lock.

Technical Specifications

- **Power Supply:** DC 9 V (6F22/6LR61 battery)
- **Battery Life:** 1 year (6F22 zinc-carbon), 5 years (6LR61 alkaline)
- **Alarm Volume:** ≥85 dB @ 3 m
- **Operating Temperature Range:** 0°C – +55°C
- **Humidity:** ≤95% RH (non-condensing)
- **Dimensions:** Ø 95.6 × 43.2 mm
- **Detection Area**
 - 60 m² (<6 m height)
 - 80 m² (6–12 m height)
- **Certificates and Standards**
 - CE (Directive 2014/53/EU, 1999/5/EC)
 - CPR 2531-CPR-CSP11309 (EN 14604:2005/AC:2008)
 - Compliance with EMC and interference protection requirements
 - Tamper protection (anti-extraction lock)
- **Key safety features**
 - Automatic self-reset after smoke disappears
 - Monthly test and upon return from absence (automatic audible reminder every 56 seconds)
 - Low battery indicator (1 beep every 56 seconds for at least 30 days)
 - Reverse battery polarity protection
 - Sensor fault indicator (2 beeps every 56 seconds + LED)

Practical applications

- **Home and apartment**

The FASD2 sensor is recommended for placement in the hallway on every floor, near the kitchen and bedrooms.
- **Offices and commercial properties**

In open spaces, hallways, or document archives, the sensor will precisely detect smoldering paper or electronics.
- **Hotels and guesthouses**

Give your guests a sense of security on every floor of your building. Thanks to the anti-sabotage lock and remote service, battery replacement is hassle-free.
- **Industrial halls and warehouses**

In facilities with a high risk of dust, the detector maintains its functionality thanks to its dust-protective design and LED modulation, resistant to fluorescent light.

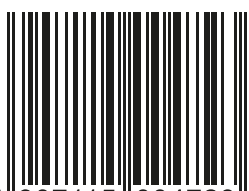
Additional notes on installation and use

- **Mounting location**

To ensure maximum effectiveness, the FASD2 smoke detector should be mounted in central areas of rooms, away from drafts, windows, ventilation doors, and directly above sources of steam (kitchen, bathroom). Installation in hallways connecting main areas of the building, such as bedrooms and the living room, is also recommended.
- **False alarm prevention**

The device has a "pause alarm" function (Hush Mode), which allows you to temporarily silence the alarm in the event of a false alarm, for example, during heavy cooking.
- **Education and training**

To effectively utilize the potential of your alarm system, it is recommended to regularly conduct evacuation drills at home, in the office, or at school. This will ensure that every household member or employee knows how to behave in an emergency, significantly increasing the chances of safely leaving the building in the event of a fire.



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