VenGuard

Safety that acts. Fact sheet, October 2026

What it is

An automatic gas shut-off kit for LPG kitchens in Bangladesh: a gas detector, an automatic valve, an active ventilation relay and batteries. When it confirms a leak, it closes the gas by itself and switches on the exhaust fan, even with nobody home.

Key facts

- Designed to work without mains power (battery operated) (testing in progress)
- Designed to work without internet; all protection happens in the device (testing in progress)
- Designed to close the valve in under 1 second after a confirmed leak (testing in progress)
- Designed to switch on the kitchen exhaust fan to clear the gas (fan needs mains power) (testing in progress)
- A 7-second confirmation check avoids false alarms from brief cooking smells.
- Manual reset in about 10 seconds; gas never turns back on by itself.
- No change to gas pipes and no special tools needed to install.

Pricing

- Complete Home kit (detector, ventilation relay, valve): BDT 3,500, one-time purchase. Core safety is never paywalled.
- Modular: detector + relay BDT 1,900; valve added later BDT 1,700.
- Pre-order deposit: BDT 500, fully refundable before delivery.
- Connected (optional): BDT 550 per year for remote close, alerts and a landlord dashboard.

Status

- Working prototype built. Safety and reliability testing under way. Pre-orders open.
- Certifications: none granted yet; pathway: BUET BRTC test report, then BTRC, Department of Explosives and BSTI.

Who it is for

- Homes, restaurants, landlords and building developers. Agro (poultry) and Marine versions are planned.

Contact

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https://oasisnextbd.github.io/OASIS_official_website/VENGuard

We state only what testing supports. Claims marked 'designed to' are being tested. Certification marks are shown only once granted.