

FOG ***BANDIT***

INTRODUCTION TO THE

BANDIT 320



BANDIT 320 Standard Horizontal White



BANDIT 320BV Covert unit

OPTIONS & SPECIFICATIONS.....

INTRODUCTION

For the past 4 years the inventor and manufacturer of the outstandingly successful Bandit 240DB has been developing a new, more compact and immensely more versatile product designed for smaller environments, both commercial and domestic, yet not compromising on the performance and reliability of the 240. The new Bandit 320 has now been launched and has many new unique and ground breaking design & technical features covered by numerous international Patents.

COMPACT & VERSATILE DESIGN

The new Bandit 320 is able to be mounted in any orientation desired, whether wall, ceiling or low level mounting the 320 will operate effectively in any of these positions. With a weight of only 7kg (max 9kg with cartridges installed) and independent control box for all the electronics, ease of installation could not be simpler. Furthermore, the new compact & self-change fog cartridges are disposable and eliminate the need and associated cost for the attendance of an engineer to replace. Fog cartridges are available for room sizes varying from 40 to 120 cubic metres in size.



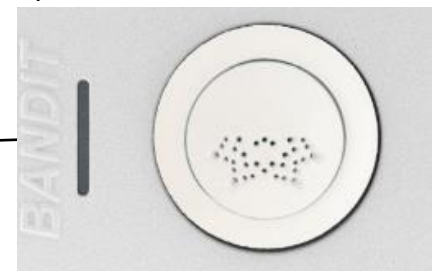
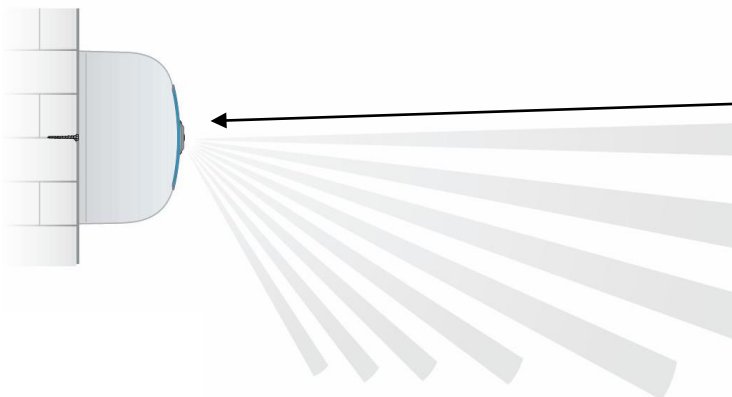
Optional shell & fascia colours are available to special order (see page 4)

PERFORMANCE

The key objective of paramount importance in the design and development of the 320 was not to compromise on performance whilst dramatically reducing the size for the fog generator. With the creation of a totally new and patented heat exchanger, the 320 can deliver up to 200 cubic metres of fog in just 4 seconds and with a fog ejection reaction time of just 0.25 of a second from when an activation signal is received.

MOUNTING OPTIONS – 320 STANDARD SYSTEM

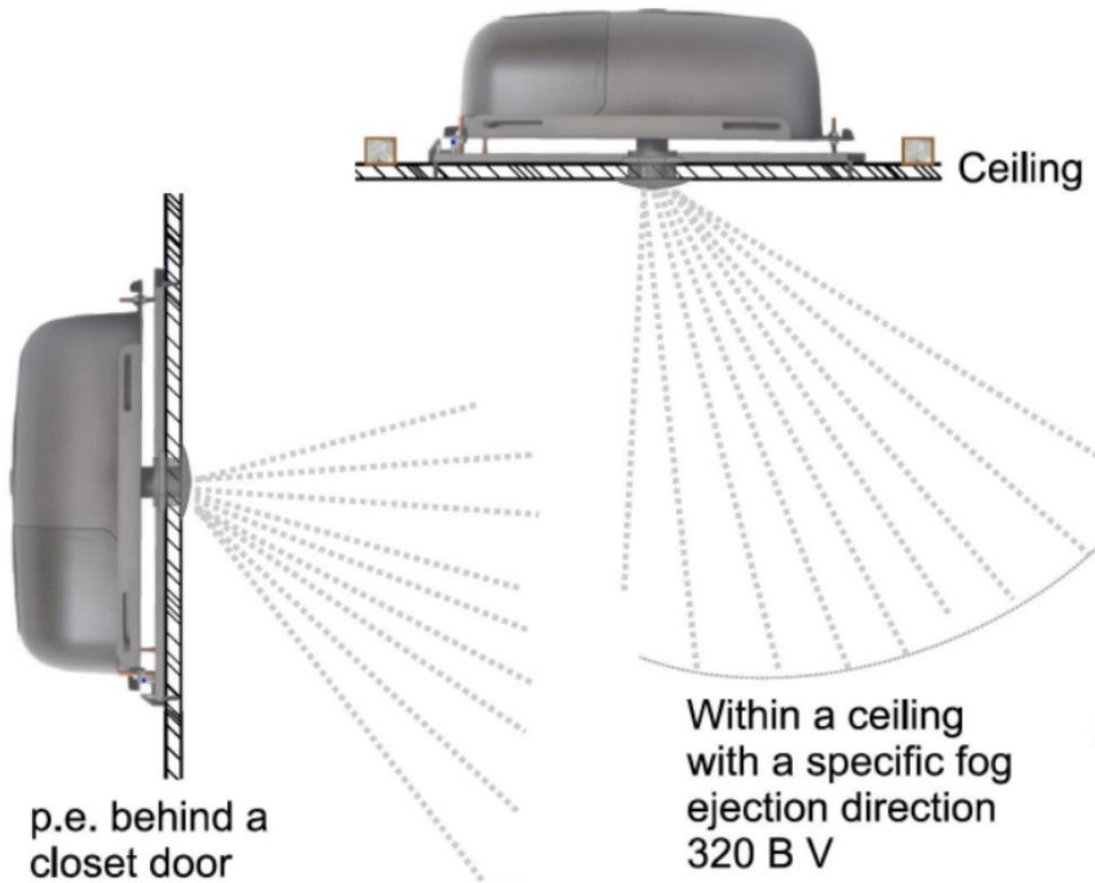
HORIZONTAL MOUNTING – 320 in standard bright white colour can be Wall secured on a horizontal plain or Ceiling ‘surface’ Mounted in any orientation



All Bandit 320 systems utilize a unique multi-holed nozzle for fast & effective coverage of the entire area being protected by the unit

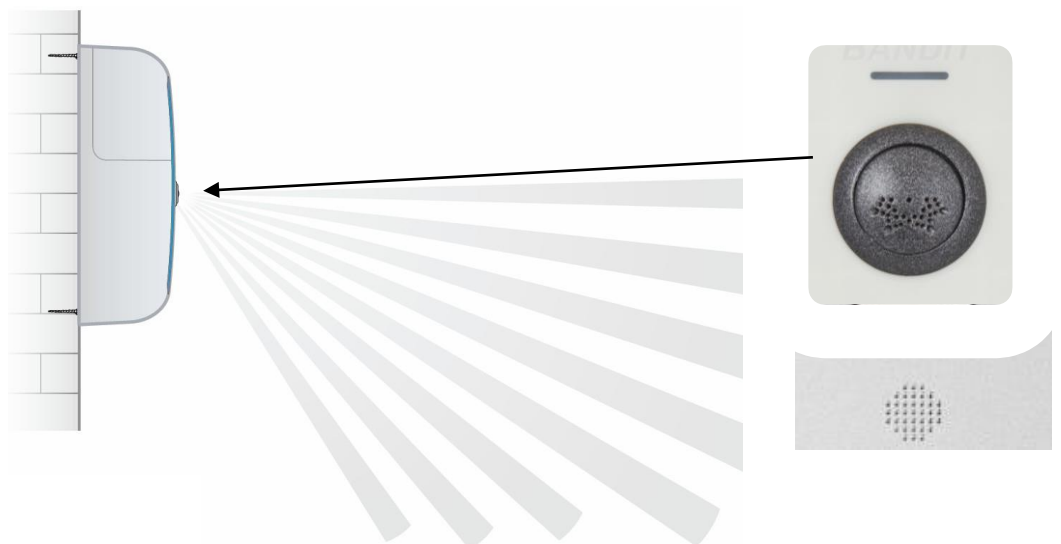
COVERT/HIDDEN MOUNT (320 BV) SYSTEM

CEILING OR CABINET MOUNTED – Mounted above a ceiling tile or can be secured inside a cabinet



OPTIONAL SYSTEM TO SPECIAL ORDER

VERTICAL MOUNTING – Wall Mounted with 320 secured on a vertical plain - only available to special order



EASY-CHANGE CARTRIDGES TAILORED TO YOUR ROOM SIZE

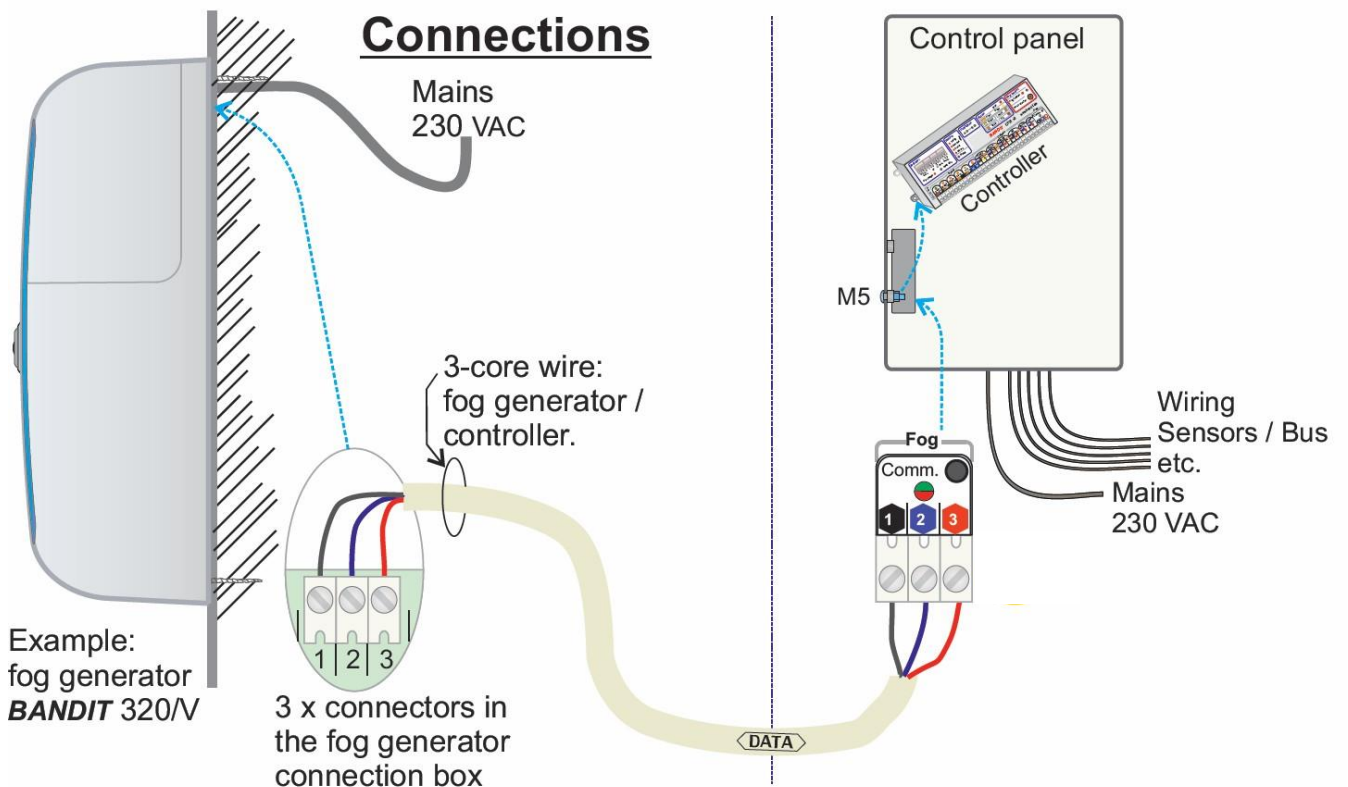


Available Cartridge Sizes

SIZE	ROOM VOLUME	
	M ³	FT ³
1	40 - 60	1400 - 2100
2	60 - 80	2100 - 2800
3	80 - 100	2800 - 3500
4	100 - 120	3500 - 4200
6	140 - 160	4900 - 5600
8	180 - 200	6300 - 7000



SIMPLE SINGLE-CABLE CONNECTION BETWEEN 320 AND CONTROL BOX



SOME KEY POINTS ON THE BANDIT 320 SECURITY FOGGING SYSTEM

1. A totally dustproof, maintenance free unit designed and built in Belgium for a reliable life span of +10 years and with a 5 Year "Peace of Mind" UK Warranty as standard.
2. The 320 houses 2 compact hermetically sealed, patented cartridges these are room-size specific to deliver maximum protection without residue. After use cartridges are easily replaced and empties are disposable as normal household/business waste.
3. Fog Bandit is the preferred fogging system used by organizations such as G4S, Loomis, Barclays Bank, Post Office, Nationwide, HSBC, Shell, Harrods and many other retail multiples including Jewellers and Luxury Goods Stores and other specialist sectors. The same Fog Bandit unit is deployed across all client sectors without compromise.
4. Bandit 320 systems are verified to fully comply with the EN50131-8 European Standard, official certificate applied for and is currently pending processing.
5. For full system monitoring, the Fog Bandit's patented on-board electronics perform 24/7 system diagnostics including the monitoring of tamper, mains power supply, back-up battery condition and cartridge status to instantly and reliably provide any system status changes.
6. In event of mains power failure the 320 remains operational despite no back-up battery – high efficiency electronics 24 hours, fog generator 1 hour min.
7. The 320 can be oriented in any position (wall, ceiling or floor). When securely mounted in any orientation, this position is monitored by a built-in multi-axis solid-state gyroscope providing an instant output signal in event of position tamper.
8. A Built-in self cleaning process ensures clog-free operation at all times and fog quality that meets European Indoor Air Quality Standards. Air Quality certification is also available to confirm that the fog from Bandit systems is completely harmless and totally safe to breathe.
9. Fog Bandit fog is the only security fogging system to add a harmless menthol (peppermint) fragrance to the fog so the Emergency Services and any bystanders can quickly differentiate between security fog and smoke from a fire.
10. The Bandit 320 is the most environmentally friendly "green" fogging system on the market by far and with its built-in 'Power Saver' feature, it only consumes 24W/hour in permanent stand-by mode. For this reason it does not require a 'dormant' mode and can react to an activation signal in just 0.25 of a second.
11. Speed - Fog Bandit rapidly ejects a curtain of dense fog (ejection time 4 seconds, room fill under 10 seconds when installed to Grade 4 SFVP rating) to instantly deter intruders and totally minimise opportunity for asset theft and associated burglary or robbery damages.
12. Minimal engineer call-outs - after an activation the 320 resets itself automatically therefore an engineer call-out is not required. Simply order and replace the spent cartridge whilst a second cartridge provides continued protection in the interim. Alternatively spare cartridges can be ordered and held as spare stock.



Please visit www.bandituk.co.uk as our website remains the best place for all information relating to Bandit generally including live activation footage and existing client case studies.

BANDIT STANDARD 320 SPECIFICATIONS

Characteristics:

- Dimensions: 410 mm x 197 mm x 145 mm deep.
- Weight: 7 kg (without cartridges).
- Max. power failure: +1 Hour for fog generator and 24 hours for electronics.
- Response time: 0.25 second between alarm signal and fog ejection.
- Fog ejection pattern: Choice of two available patterns of fog ejection.

Fog Generator

- Max.fog ejection capacity: SFVP grading Grade 4 <120 m3
- Fog ejection pressure: >20 BAR (2 Mpa).
- Fog ejection period: About 4 seconds.
- Initial warm up time: 30 minutes from cold condition.
- Max./min. ambient temperature: minimum -10°C & maximum 50°C.
- Maximum heat loss: 24 Watt (at ambient temperature 21 °C).
- Heat exchange capacity: 100 kJ/s.
- Nominal ejected droplet size: 0200 a 400 nm (99,8% fully aerosol).
- Protection: IP52 - IK08
- Weight: 7 kg (up to 9 kg incl. cartridges)

Electrical:

- Min./max supply voltage: 220 tot 240 VAC at 50 tot 60 Hz.
- Maximum peak current at 230VAC:- 2 Ampere.
- Average power consumption: 24 W.
- Communication : Tamper-secure and interference protected 3-wire low voltage 2-way serial communication with the controlling controller.
- Emergency Supply >24h: Supercap 300F

Cartridges:

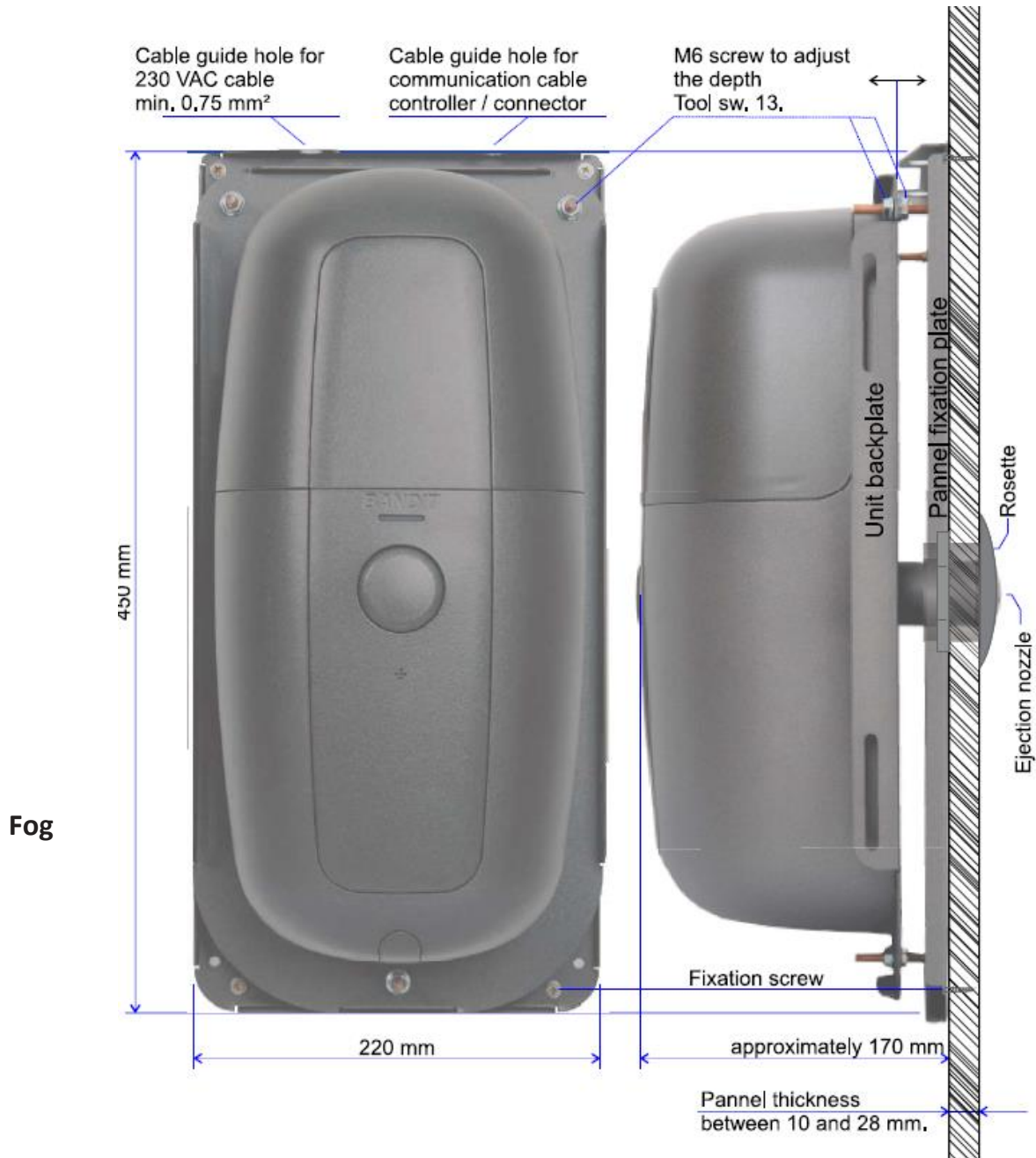
The unit contains 2 disposable cartridges. Cartridges communicate with the fog generator via their three electrical contacts. During a fog ejection the fog fluid is expelled under high pressure via the hydraulic connection nipple, which subsequently empties the cartridge of fluid. After activation the empty cartridge must be replaced by a new cartridge of identical size.



BANDIT 320 BV SPECIFICATIONS

Characteristics AS PER STANDARD 320 with the exception of the following:

- Weight: 10 kg (without cartridges)
- Dimensions: See below



Generator – AS PER STANDARD 320

Electrical - AS PER STANDARD 320

Cartridges - AS PER STANDARD 320