


BANDIT 320 TECHNICAL SPECIFICATION

Characteristics:

- Dimensions: 410 mm height x 197 mm width 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: Choose from two available patterns of fog ejection.

Fog Generator

- Max. fog ejection capacity:  Grade 3 <280 m³ / Grade 4 <200 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 en maximum 50°C.
- Maximum heat loss: 24 Watt (at ambient temperature 21 ° C).
- Heat exchange capacity: 100 kJ/s.
- Nominal ejected droplet size: Ø 200 à 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 Ampère.
- 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 cartridges.

A cartridge communicates with the fog generator via its 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 the same "size".

The empty cartridge is recyclable metal.



Appropriate fog cartridges may be ordered from Bandit NV at: www.bandit.be → Products → Cartridges.

They are also available from your local Bandit distributor, which can offer a faster, local delivery at favourable purchase prices.

