



# TECHNICAL SPECIFICATIONS 240DB

## Descriptions:

- Dimensions: \_\_\_\_\_ 270 mm wide x 365 mm high x 255 mm deep.
- Weight: \_\_\_\_\_ 28 kg.
- Max. Mains supply failure: \_\_\_\_\_ Fog generator +2 hours and electronics +24 hours.
- Reaction time: \_\_\_\_\_ 1 second between alarm signal and fog ejection.
- Fog ejection image: \_\_\_\_\_ Cone shaped straight ahead  (optional), or  
60° large  → (/R60 standard version)

## Fog generator:

- Fog ejection capacity: \_\_\_\_\_ 28 m<sup>3</sup> filling of space / second with 25 cm eye ↔ object.
- Fog ejection pressure: \_\_\_\_\_ 16 BAR (1.6 Mpa).
- Maximum fog ejection period: \_\_\_\_\_ 18 seconds.
- Warm-up time: \_\_\_\_\_ 50 minutes from cold condition.
- Max./min. Environmental temp.: \_\_\_\_\_ maximum 50°C and minimum 0°C.
- Maximum heat loss: \_\_\_\_\_ 40 W/hour.
- Heat exchange capacity: \_\_\_\_\_ 18 kW/hour.
- Nominal ejected droplet size: \_\_\_\_\_ section 0,0004 mm (full aerosol).

## Electrical:

- Min./max mains power supply: \_\_\_\_\_ 208 to 240 VAC at 50 to 60 Hz.
- Nominal 12 V low voltage: \_\_\_\_\_ 13.1 V DC from 0 tot max. 1 A of load.
- Max peak current at 230 VAC: \_\_\_\_\_ 3.5 A.
- Average power consumption: \_\_\_\_\_ 40 W/hour.
- Capacity heating element: \_\_\_\_\_ 750 W.
- Inputs: \_\_\_\_\_ all inputs are insulated by an opto-coupler.
- Outputs: \_\_\_\_\_ technical- and tamper outputs are potential free contacts, guard- and alarm outputs are npn-outputs.
- Current back-up: \_\_\_\_\_ 12 V / 2 Ah (sealed lead acid battery).
- Power control: \_\_\_\_\_ Pulse width modulator (PWM) through zero cross triac.
- Electronics: \_\_\_\_\_ Flasch micro-controller, Platina Pt1000 sensor converter,  
On board communication with HY-3 pack  
On board communication: 6-way connector for connection to "Control Box" and 5-way plug for wireless remote control.

## Standards:

- Complies with European CE and EMC Standards.
- Complies with International Standard: IEC 839-1-3
- Approved by the Belgian Ministry of Internal Affairs
- Complies with the British Standard: BS 7939 : 1999
- Complies with the Dutch Standard of the NCP: IOE 03301-M and IQA 06901-M
- Complies with the French Standard of the CNPP: testreport AI 040006, approval n° 2004-0001
- Complies with the Danish Standard of the F&P: class 1, AIA 212  
F&P registration n° 10.212-00418

## Industrial property:

- **BANDIT** is a registered trade mark.
- **HY-3** is a registered trade mark.
- The **BANDIT** fog generator process is internationally protected by several patents.