



# **BANDIT 240PB TECHNICAL SPECIFICATION**

## **Descriptions:**

- Dimensions: \_\_\_\_\_ 10.6 In. wide x 14.4 In. high x 10 In. deep.
- Weight: \_\_\_\_\_ 62 Lbs.
- 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° wide coon  (R60 standard version)

## **Fog generator:**

- Fog ejection capacity: \_\_\_\_\_ 1000 Ft<sup>3</sup> filling of space / second with 1 Ft. eye ↔ object.
- Fog ejection pressure: \_\_\_\_\_ 230 PSI (1.6 Mpa).
- Maximum fog ejection period: \_\_\_\_\_ 18 seconds.
- Warm-up time: \_\_\_\_\_ 50 minutes from cold condition.
- Max./min. Environmental temp.: \_\_\_\_\_ maximum 120°F and minimum 30°F.
- Maximum heat loss: \_\_\_\_\_ 40 W/hour.
- Heat exchange capacity: \_\_\_\_\_ 18 kW/hour.
- Nominal ejected droplet size: \_\_\_\_\_ section 0,000016 In. (full aerosol).

## **HY-3 pack:**

- HY-3 fluid contents: \_\_\_\_\_ 1.4 litre (0.37 gal.).
- Nominal working pressure: \_\_\_\_\_ 230 PSI (1.6 Mpa).
- Maximum allowed internal pressure: \_\_\_\_\_ 870 PSI (6 Mpa).
- Construction material: \_\_\_\_\_ rvs 304L and aluminum AlMgS1.
- Build-in electronics: \_\_\_\_\_ digital temperature sensor and analog/digital E<sup>2</sup>prom memory level.  
\_\_\_\_\_ tamper switch and control LED.  
\_\_\_\_\_ integrated propellant-expulsion security  
\_\_\_\_\_ direct working 12 V NC valve.

## **Electrical:**

- Min./max mains power supply: \_\_\_\_\_ 105 to 115 VAC at 50 to 60 Hz.
- Nominal 12 V low voltage: \_\_\_\_\_ 13.1 V DC from 0 tot max. 500mA load.
- Max peak current at 110 VAC: \_\_\_\_\_ 3.5 Amps.
- 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: \_\_\_\_\_ Flash micro-controller, Platina Pt1000 sensor converter, time/date clock with back-up battery and 64K E<sup>2</sup>prom.  
\_\_\_\_\_ 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.  
\_\_\_\_\_ Serial communication with communication link