

FIREPASS FP-123

PERMANENT OXYGEN REDUCTION SYSTEM

For onsite demonstration and trial-installations with end user customers we suggest the FP-123 PSA Generator Unit (see picture).

This is our smallest product which is typically used for very small archives, server rooms of small and midsize companies etc.

The FP-123 contains no electronics and may be used in a simple mode as a "work-horse". This means it operates constantly producing hypoxic air with 15% O₂.



Alternatively it may be operated with an optional O₂-sensor and a switching unit.

MAIN FEATURES

- Large electrical cabinets
- Provides safe and breathable oxygen environment of 15%
- No nitrogen injection, very safe
- Patented technology
- No piping no nozzles
- Telecommunications facilities
- No expensive refilling
- Very small footprint
- Plug and play
- No pressurized cylinders
- No hydrostatic pressure testing needed
- No false discharges

- Large electrical cabinets
- Small server rooms <50m³
- Small archive rooms <50m³
- Telecommunications facilities
- High-end small storage facilities <50m³

OPTIONAL OXYGEN MONITORING SWITCH UNIT

FirePASS can provide a high quality dedicated stand-alone continuous oxygen monitoring system for the detection of oxygen content specifically in hypoxic environments.

The O₂ system consists of a digital display sensor head and proprietary zirconium oxide sensor cell for the detection of O₂ with a range of 0-25%.

It also has dual level visual alarm indicators, user selectable dual-level concentration alarms and relay contacts, and system fault relay.



The O₂ monitor relays are used to activate local horns and strobes and, with built-in hysteresis, used for controlling the switching unit.

Sensor head electronics is housed in a Nema 4X wall mounted housing that is to be installed in the protected room.

GENERAL SPECIFICATIONS FP-123 PSA

- Capacity 120 NI/min. @ 15% O₂ and 20° Celsius
- Cabinet: Metal casing
- Dimensions: 55 x 27 x 58 cm.
- Weight: 25 kg.
- Power consumption 500W
- Voltage: 230 V/ 50Hz.
- Other voltages on request

MAINTENANCE

The FirePASS® FP-123 Hypoxic Generator System is designed for minimal maintenance. Its highly reliable system can work for many years under normal ambient conditions and with proper maintenance.

This anticipates simply cleaning the foam intake filter located at the rear of the unit every two weeks with a vacuum cleaner or by washing in warm soapy water.

If the included HEPA filter is used it should be replaced every 4 months.

Datasheet: FirePASS FP-123 Demonstration unit
Series: FP123
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