



AF M100

Technical Data Sheet

PRESSURE EQUIPMENT FOR FILTER AND CONNECTING AREAS

FEATURES

Experience shows that many casualties are occurring by the spread of fumes in fire escape and connecting areas. The **AF M100** is a variable flow pressurization system which conforms to the DM November 30, 1983 concerning safe and smoke free areas. This equipment is designed for specific filter areas such as smoking and technical areas containing laboratories and research equipment or high-energy room. It may be located in basements provided they are separated by filters to test smoke from access roads the floors above it.

AF M100 can be used for small, medium and large volumes eventually increasing the number of installed machines.

AF M100 is composed of three distinct elements: pressurization unity, power and control unity, differential manostat.

SPECIFICATIONS

Pressurization unity:

Large-scale electric fan placed in portabocchetta recessed grid wing variables. **AF M100** also allows the use of small diameter channels with consequent economic advantage.

AF M100 is able to pressurize +0.30 mbar in less than 1" large filters included.

Supply units and control:

High capacity batteries and accumulators (solid-gel) allow a long autonomy (about 3 hours) of electro fan operation even in emergency conditions (no current network). A safety device stops the electric fan when the pressure inside the filter exceeds a pre-setted value that it's freely setttable secby project (EN12101-6).

Electronic circuit board, placed on the same drive power, controls the system status by different colored LED: presence network (green LED), output voltage correct (green LED), voltage low (yellow LED), high voltage charging (red LED).

Differential manostat:

Differential manostat regulates the pressure within the filter zone between the values of +0.30 and +0.80 mbars. The pre-setted values can be adjusted.

INSTALLATION

NA-NC output is to be connected to remote alarm security as building automation system or other alarm computerized systems.

AF M100 is equipped with clear and simple instructions for installation even by unqualified personnel.

PACKAGING

Carton

WEIGHT

Total weight
(included 2 batteries):
30 kg



NOTE

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