

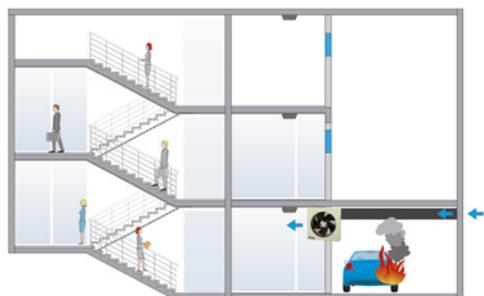
PRESSKIT



Pressurisation equipment for lobbies, compliant with DM 30/11/1983 and designed according to the European standard EN 12101-6



Certified: NR331151



+50 Pa

The PRESSKIT equipment is comprised of one or more fans. In the event of a fire, they are activated to exert an overpressure of 50 Pa in safe areas and to prevent the entry of smoke in the evacuation routes for people.

Common features:

- Self-regulation of pressure throughout the lobby.
- EC brushless fans 24 V DC with a maximum flow of 2100 m³/H.
- Maintain an overpressure of 50 Pa in hallways.

CONTROL PANEL

- S models: simplified regulation of the ventilation unit by means of a pressure probe with incorporated PID signal regulator.
- P models: PLC control with multiple inputs, outputs, alarms and fan regulation through PID signal.
- Power panel with autonomy of more than 2 hours using 18Ah batteries.
- Easy connection of equipment.
- Quick configuration and adjustment of all parameters through LCD screen and keyboard.
- MANUAL system activation button.
- Real time visualization of the pressure of the safe zone and the status of the equipment.
- Control panel of the system by means of a PLC of reduced size and easy installation. 230 VAC power.

- Open door detection digital input.
- Digital outputs indicating activated fire alarm. By visual and acoustic indicator in intermittent mode with configurable times.
- Configurable connection delay times in the event of fire alarm detection and open fire doors.
- Visualization of pressure in Pa in real time. Status indication of the STANDBY/PRESSURIZING equipment.
- Possibility of controlling 2 fans with a single panel and power supply. (PRESSKIT TWIN).
- Key lock.

PRESSURIZATION FAN

- Wall fan for 310 mm diameter ducts.
- Lifespan in continuous work of more than 20,000 hours.
- Impeller made of painted sheet steel.
- Anti-contact protection grid.

PRESSURE SENSOR WITH DISPLAY (INCORPORATED IN CONTROL PANEL)

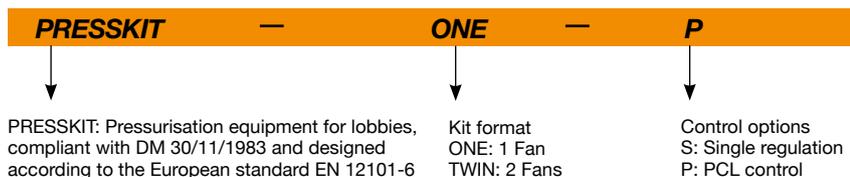
- Preset differential pressure sensor of 0-100 Pa.
- LCD screen.
- High precision calibrated analog sensor.



Control panel characteristics

- Total voltage (V): 1x230
- Output voltage 1 (V): 19.7-28 V DC
- Max. Output current 1 (A): 6
- Protection (IP): 44
- Approx. weight (Kg): 30.5
- Total current (A): 0.3
- Output voltage 2 (V): 19.7-28 V DC
- Max. Output current 2 (A): 7
- Operating temperature (°C): -25 a +60

Order code

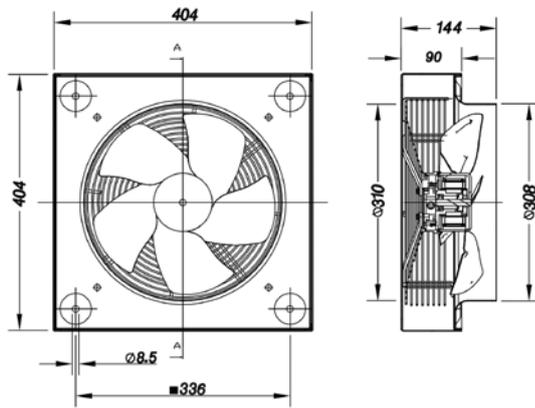


Technical characteristics

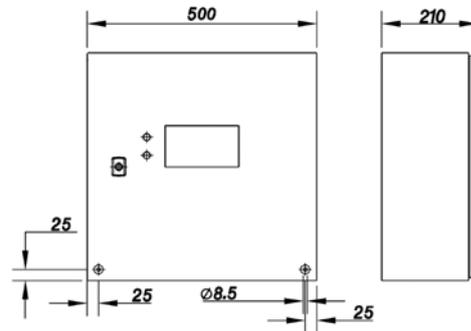
Model	Flow rate (m ³ /h)	Maximum pressure (Pa)	Speed (r/min)	LpA irradiated 3 m dB(A)	Total voltage (V)	Total current (A)	Total power (w)	Approx. weight (Kg)	Protection (IP)	Operating temperature (°C)	Nominal diameter of conduit (mm)
PRESSKIT ONE	2100	180	1800	65	24 V DC	4.8	115	7	42	-25 a +60	310
PRESSKIT TWIN	4100	180	1800	68	24 V DC	9.6	230	14	42	-25 a +60	310

Dimensions mm

PRESSURISATION FAN



CONTROL PANEL



Kit characteristics

Component	PRESSKIT	
	ONE	TWIN
Regulation by means of pressure sensor	YES	YES
Regulation of several fans	-	YES*
Relay outputs to indicate the equipment is activated	YES	YES
Door sensor inputs	YES	YES

* PRESSKIT TWIN regulates two fans simultaneously with a single pressure sensor for large lobbies/pressurised areas. The regulation of each fan is not separate, they have the same PID set point depending on the signal received from the sensor.

Configurations

Component	PRESSKIT	
	ONE	TWIN
EC FAN BRUSHLESS 24 VDC	1 unit	2 units
CONTROL PANEL	1 unit	1 unit
PRESSURE SENSOR (BUILT INTO CONTROL PANEL)	1 unit	1 unit

Accessories



ALARM
PUSH
BUTTON



CHECKER
BATTERIES

Power source and battery output voltage checker via RJ45 connector.