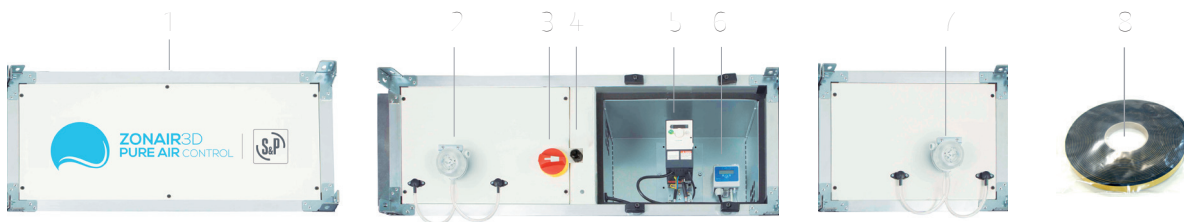




GENERAL DESCRIPTION

The device is completely wired and programmed pre-delivery after some project specifications.
The operating frequency range is pre-set between 45 Hz and 59 Hz to provide constant flow control.

The main module consists of three different sections and these parts: pre-filter, fan, GRSystem gas filter and absolute filter. The following picture identifies the main components of the main module and fan.



SILENCER

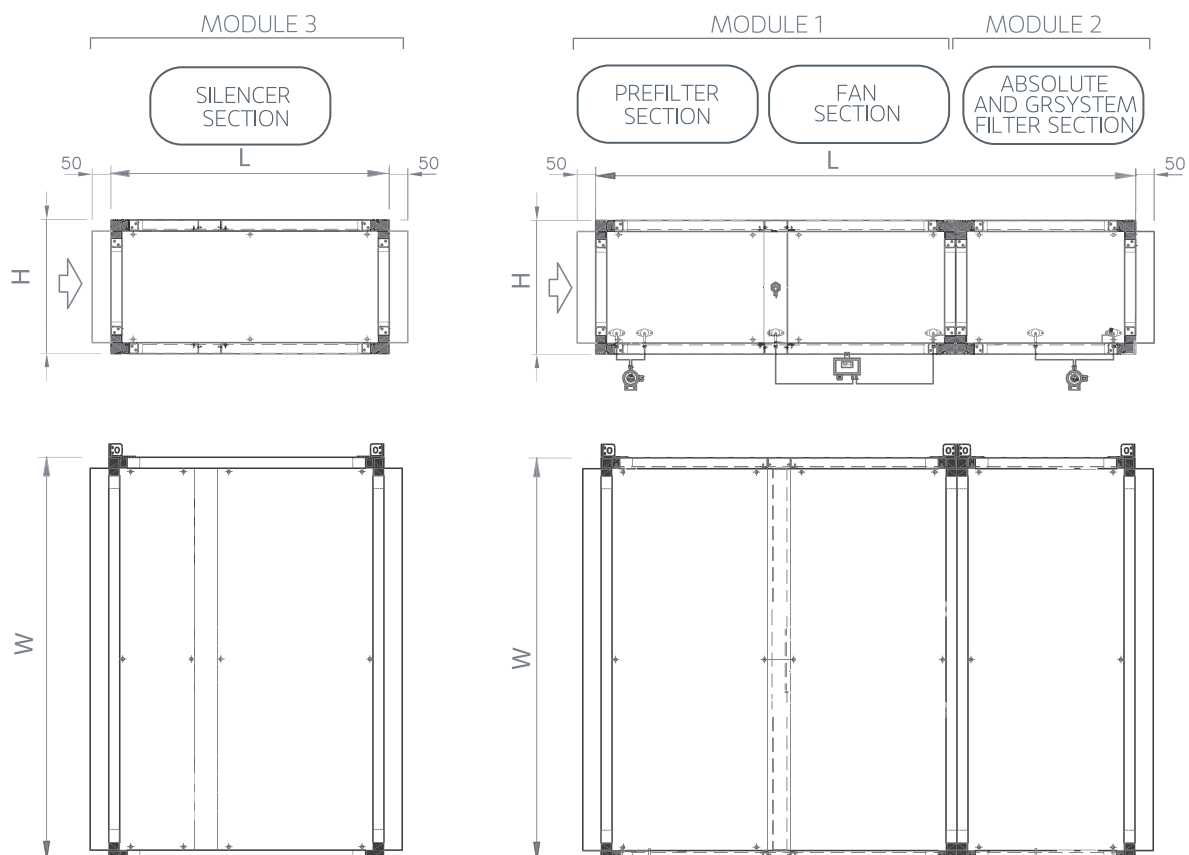
1. SILENCER: it is placed between ducts (optional)

MODULE 1

2. G4 PRESSURE SWITCH: with PVC tubes to connect points. Setting: (*) (it is provided in another box)
3. ON/OFF SWITCH
4. ELECTRICAL WIRE: power supply to the fan's motor (3x2.5mm)
5. VARIABLE FREQUENCY DRIVE: Pre-set according to project's specifications
6. TDP-D DIFFERENTIAL PRESSURE SENSOR: It is pre-set and can work at constant flow or pressure

MODULE 2

7. H13 PRESSURE SWITCH: with PVC tubes to connect points. Setting: (**) (it is provided in another box)
8. BINDING TAPE between modules (it is provided apart)



HANDLING

When you receive the unit, unpack it and check it is in good condition. Check that no components are missing (see general description sheet).

START-UP OPERATIONS

Open the inspection hatches and unpack all filters which can be found inside the unit (prefilter and absolute filter). Place the GRSYSTEM, which is packed separately, in module 2 (next to the absolute filter).

The unit starts automatically when energizing it.
Before start-up, close all access panels.
Keep the power switch in OFF position and plug in the unit.

Switch on the external main power switch, while keeping the local switch of the unit switched that, off. After that, check to make sure the input voltage at the unit's electrical terminals matches the one indicated on the identification plate (the minimum voltage will be 10% below the rated voltage indicated on the identification plate).
Ensure that the Earth is well connected.

After having done all checkings, switch ON the unit.
The fan will not run if the duct network is not completely closed since turning on the fan with an insufficient voltage may cause an over-voltage that can damage the motor.

EMERGENCY OPERATIONS

If any problems are noted on the unit, turned it off using the emergency shut-off switch.

These emergency operations will generally be the result of some problem with the electrical circuit, in which case you may have problems with the motors. You will therefore need to disconnect the power to locate the fault, which may be inside the unit (short circuit) or external to it (problems with the power supply, voltage variations, etc).

In the event of fire, it must be extinguished using suitable extinguishers. Extinguishers should be appropriate for use on electrical fires.

CHARACTERISTICS

PRODUCT RANGE	FLOW (m³/h)	DIMENSIONS WxHxL (mm)	POWER (KW)	WEIGHT (kg)	SILENCER DIMENSIONS WxHxL (mm)	SILENC. WEIGHT (kg)	G4 (Pa)	H13 (Pa)
PAC 800LP	800	360 X 750 X 1454	0,4	100	360 X 750 X 750	40	130	500
PAC 1100 LP	1100	360 X 1100 X 1454	0,4	130	360 X 1100 X 750	50	130	500
PAC 2000	2000	410 X 1500 X 1454	1,10	200	410 X 1500 X 750	80	130	500
PAC 3000	3000	500 X 1500 X 1690	2,20	215	500 X 1500 X 750	85	130	500

Silenciador is optional.

(*) Presostate recommended/advised value to change the filter