

EXHAUST VALVES
WITH ADJUSTABLE FLOW RATE

anjos

inspirer le bien-être*

ALIZÉ CO2



* Inspire well-being

ALIZÉ CO2

- Possible monitoring of the air-flow via a smartphone application (IOS or Android)
- Power supply 12V or 230 V
- Made of white polystyrene
- Removable grill for easy maintenance
- Nominal flows at 80 Pa

Presentation

The extract vents CO2 are used for tertiary applications. They ensure a modulated extraction flow according to the CO2 levels of the premises.

The vents CO2 ensure an extraction flow of 10 to 100 m³/h under 80 Pa according to the CO2 level of the premises where they are installed.

This CO2 vent adapts its flow rate per step (10,25,50, 75 or 100% opening) according to 2 trigger points : 800 et 1000 PPM

- < 800 PPM : **green zone**
- From 800 to 1000 PPM : **green zone**
- From 1000 to 1200 PPM : **orange zone**
- > 1200 PPM : **red zone**

Installation

In wall, the vents push-fit directly into D. 125 mm flexible or rigid ducts or D. 125 bonded collars. The lip gasket fits and ensures the air-tightness

In ceiling, we can use a 3 claw-plasterboard sleeve or a D. 125 mm ceiling embedded sleeve.

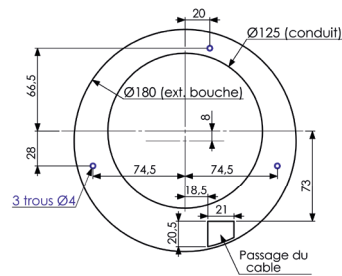
Two-wires cable (2 x 1.5 mm²) supply power to the valve, leading to the back of the support plate (see diagram).

After taking off the grill ❶, remove the electrical terminal box ❺. Route the wires through the opening at the back of the support plate.

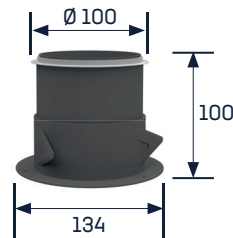
- For a 230 V connection : remove the violet front case of the electrical terminal box, connect the electrical wires on it and put back the cover.

- For a 12V connection : connect directly the wires to the electrical box.

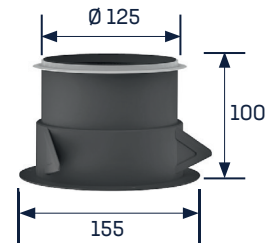
Always cut off the power supply of the switchboard before attempting to service the extract vent (the timer being always powered)



3-claw plasterboard sleeve
Ø 100 : Code 1787

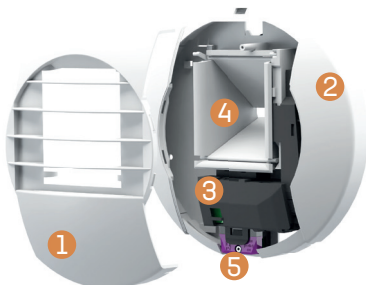


3-claw plasterboard sleeve
Ø 125 : Code 1794



Composition

These valves have an outer diameter of 180 mm and a thickness of 50 mm.



- ❶ Removable grill
- ❷ cover + support plate with lip gasket
- ❸ Electronic plate - CO2 sensor
- ❹ Air through-channel with 2 flaps
- ❺ Electrical connection box 230 V (violet) or 12 V (green)

Maintenance

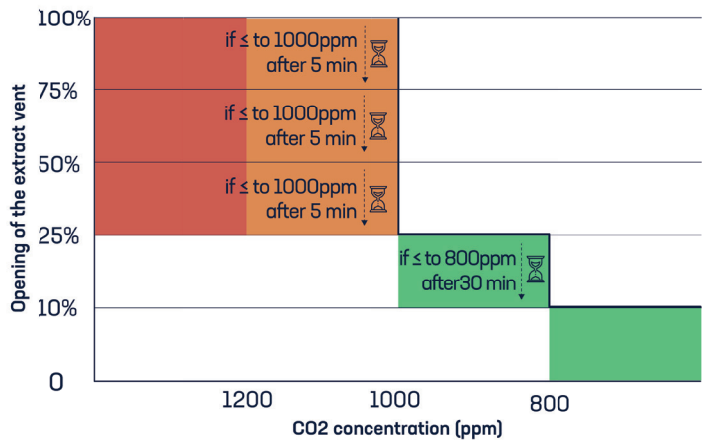
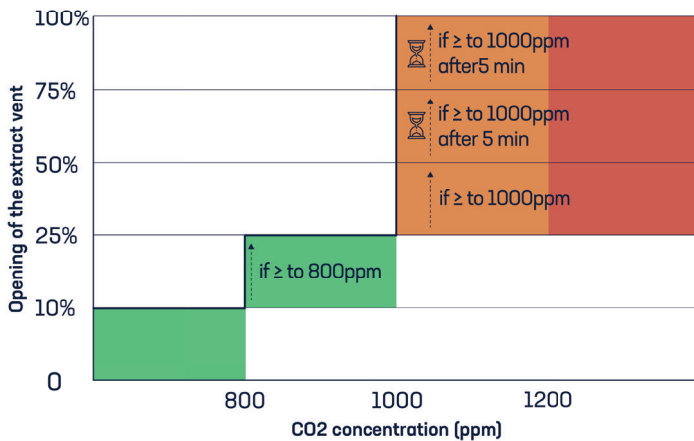
The extract vent CO2 must be regularly cleaned (at least twice a year) to ensure peak efficiency.

Before any maintenance of the vent 230 V or 12 V, always cut off the power supply on the switchboard. Do not remove the extract vent from the duct for cleaning.

Only a professional can disassemble the electrical connection box ❺.

- Release the grill ❶ from the vent ❷ and remove the channel ❹ without dislocating the flaps.
- Clean the grill ❶ and the channel ❹ with soapy water and rinse.
- Put back the channel ❹ with caution to position the flap axes in the actuators' forks.
- Reassemble the grill on the extract vent

Principle



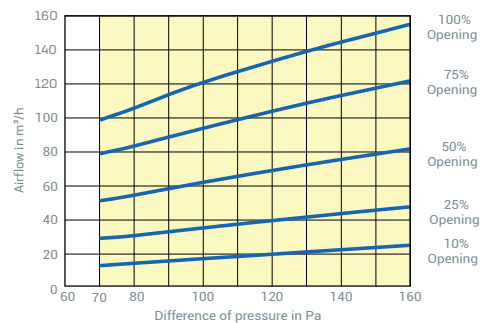
Characteristics

Acoustic datas

ALIZÉ	Lw dB(A)			Dn,e,w (C) dB
	100 P	136 P	160 P	
Alizé CO2 Ø 100	31	37	41	55
Alizé CO2 Ø 125	30	35	38	55

Acoustic values at 50% opening

Air-flow datas



Mobile application

VMC connect is an application for smartphone (iOS or Android) use to remotely control the extract vent CO2.

Easy to use, by pairing each extract vent of the installation on the VMC connect application via Bluetooth, then, identify each vent with the « test » key and name them individually.

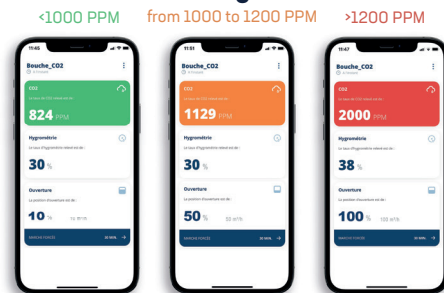
Check the different parameters : by selecting each vent, it is possible to **check the humidity rate and the CO2 level in the premises where it is installed. It is also possible to read the flowrate.**

Control of the extract vent : the maximum air-flow can be achieved during 30 minutes thanks to a forced function.

Download the application



Reading data



- 1 CO2 Level
- 2 Hygrometry rate
- 3 Extract vent opening rate

Extract vents prices - accessories

Alizé CO2

Désignation	Code
Alizé CO2 12V Ø 100 with gasket	4000
Alizé CO2 230V Ø 100 with gasket	4001
Alizé CO2 12V Ø 125 with gasket	4005
Alizé CO2 230V Ø 125 with gasket	4006

Accessories

Désignation	Code
3 claw-plasterboard sleeve Ø 100, L. 100 mm (with duct holding gasket)	1787
3 claw-plasterboard sleeve Ø125, L. 100 mm (with duct holding gasket)	1794