

**T-70xxxx (1/4)**  
**ALIZE SELF-ADJUSTING EXHAUST VENTS**



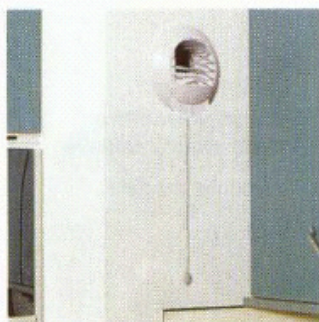
*design ida paris*

Individual houses  
and collective  
buildings range  
Certificat n°ATITA : BA 001



ALIZÉ is a new generation of self-adjusting exhaust vents which provides the perfect match between high technical performances and aesthetic requirements. Its innovative design, range together with the coloured grills, reliable mechanical operation, air flow and acoustic qualities are the major advantages offered by this new vent.

The two models, fixed flow and dual flow, are perfectly consistent and thereby provide uniform architectural solutions to kitchen, bathroom and WC ventilation problems.



Information contained herein is based on careful tests and experience. It reflects our knowledge and is for guidance purpose only. It is given in good faith and user should ensure that the product is fit for purpose before any application. The quoted values are average and should not be taken as maximum or minimum values for specific purposes. Manufacturer and distributor are not responsible for any non-recommended use or consequential damage.

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# T-70xxxx (2/4)

## ALIZE SELF-ADJUSTING EXHAUST VENTS



The ALIZE exhaust vent comes in two models, both executed in white polystyrene :

One for installation in WCs and bathrooms and providing a fixed air flow.

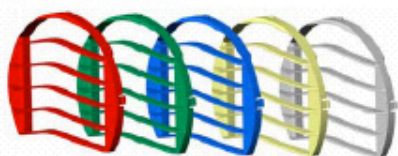
The other in a kitchen or any room requiring controllable variable flows and consisting of a fixed air flow unit and a supplementary air flow which the user can open or close using a single cord.

The introduction of new techniques has contributed the following benefits to the ALIZE model :

- maximum air flow control
- noise attenuation performances to the strictest standards,
- simple maintenance by easy dismantling of the control module,

• simple system for closing/opening the supplementary air flow, with visualisation of the open configuration (kitchen vents),

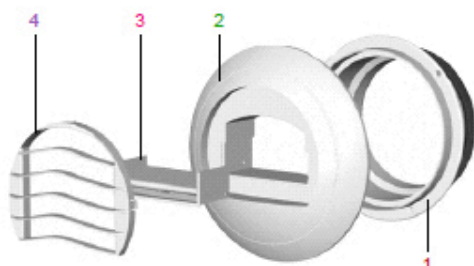
• removable, adjustable-louver grill available in several colours : white, grey, green, blue, red and yellow.



### OPERATION

The air flow control element is a rigid flap providing a pre-determined extraction flow of between 50 and 150 Pascals.

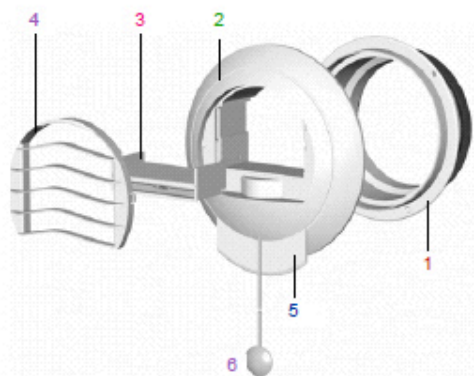
### COMPONENTS



#### Sanitary unit vents :

The ALIZE is available with the following air flow capacities : 15, 30, 45, 60, 75, 90, 120 and 150 m³/h

1. 125 Ø sleeve with rubber ring
2. Vent
3. Control module
4. Removable louver grill



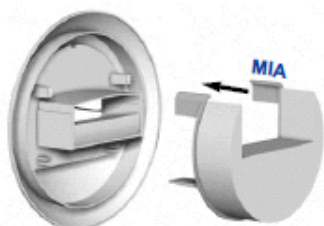
#### Kitchen vents :

The ALIZE kitchen vent is available with the following flow capacities : 15/30, 20/75, 30/90, 45/105, 45/120 and 45/135 m³/h.

1. 125 Ø sleeve with rubber ring
2. Vent
3. Control module
4. Removable louver grill
5. Flap indicating supplementary air flow
6. Supplementary air flow operating cord

The exploded view opposite shows the maximum extraction configuration

### SOUND INSULATION MODULE MIA



The Sound insulation module MIA (code 1928) is made up of a polystyren support with melamine foam. The MIA helps improving the sound insulation  $D_{n,e,w}$  of the ALIZE and therefore to meet the acoustic requirements.

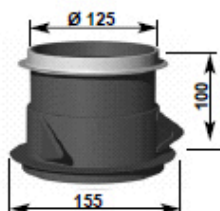
**Installation :** The MIA is simply fitted in the back part of the exhaust ALIZE kitchen and bathroom 15/30 m³/h. Fixed with Ø 120 and 125 mm sleeves



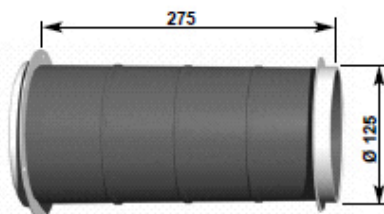
## INSTALLATION

The ALIZE is installed in vertical walls by simple fitting onto a 125 Ø sleeve fixed on the aeration duct. The lip seal ensures that the sleeve is securely fixed and watertight. Possible fitting with Ø 99, 116, 150 or 160 mm.

When ceiling mounted, an adapted sleeve can be used (125 Ø, 3-claw plasterboard sleeve, or 125 Ø plastic sleeve for penetrating slabs for use with the 125 Ø sleeve). In such cases, a kitchen installation will require the return angle fitting for cord guidance.



**3-claw plasterboard sleeve :**  
Code 1958



**Slab penetration sleeve (polystyrene) :**  
Code 1903



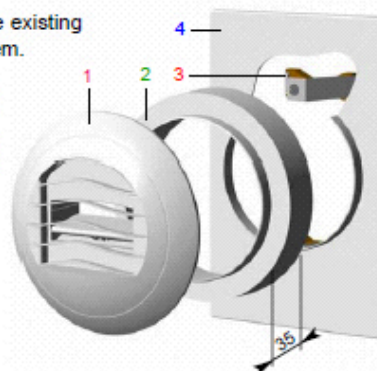
**Return angle guide (polystyrene) :** Code 1791

## ALIZE RENOVATION PLATE

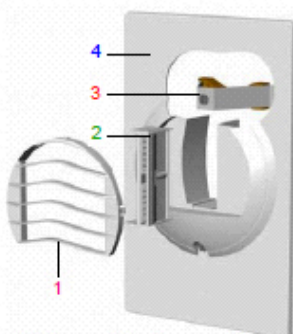
If certain precautions are taken (section and watertightness of ducts), the existing natural ventilation ducts can be used for the mechanical ventilation system.

A white polystyrene plate (3) with spacer (2) can be used to assemble an ALIZE vent on an existing rectangular frame measuring between 80 x 170 mm and 110 x 245 mm. For diameters larger than 110 mm, the spacer can be eliminated and larger fixing stirrups provided (to be stipulated with the order).

**Installation :** the renovation plate is installed after painting. Place the plate against the wall and ensure that the fixing claws penetrate the space. Tighten the screw only moderately. Insert the spacer and then the ALIZE vent.



1. ALIZE Vent
2. Spacer
3. Fixing stirrups
4. Foam seal bonded onto the plate



1. Removable louver grill
2. Control module
3. Fixing stirrups
4. Foam seal bonded onto the plate

**Renovation plate 180 x 278 mm :** (code 1940) For frames superior to 90 mm wide, the spacer can be excluded

**Alizé rénovation 15 et 30 m³/h :** (code 1967 et 1968)

The regulation module is placed inside the plate, in a vertical position.

**Renovation plate 250 x 250 to be screwed :** (code 1986)

For mounting in holes dimensions 100 x 100 to 200 x 200 mm fixed with 4 screws.

**Renovation plate in sleeve for exhaust BEAC frame :** (code 1945)

Permits to fit the ALIZE exhaust in existing sleeve for exhaust BEAC frame.

## RENOVATION PLATE FOR CLOSING

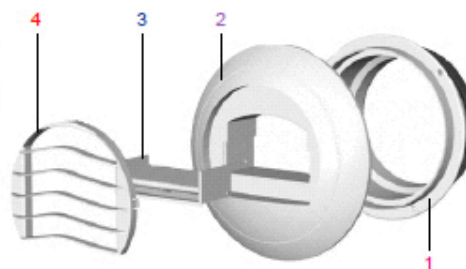
Executed in white polystyren, this plate is used to shut the holes which are not usefull for ventilation. Same installation then the renovation plate ALIZE

Available dimensions :  
 130 x 250 mm for 80 x 175 to 95 x 210 mm holes (code 1938)  
 155 x 250 mm for 80 x 135 to 110 x 210 mm holes (code 1939)  
 180 x 278 mm for 80 x 170 to 110 x 245 mm holes (code 1946)  
 250 x 250 to screw for 100 x 100 à 200 x 200 mm holes (code 1985)

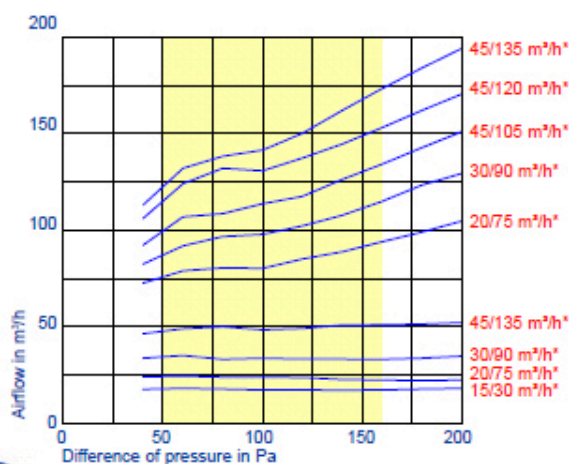
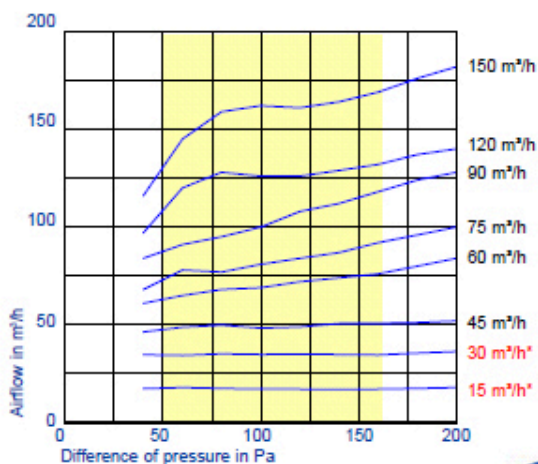
### MAINTENANCE

The ALIZE vent must be periodically cleaned in order to retain its maximum performances :

- Remove the louver cover (4) and the control module (3) from the vent casing (the vent can be dismantled if necessary)
- Clean using soapy water without dismantling any of the regulation module
- Refit the parts in the vent casing.



### AIR FLOW CHARACTERISTICS (Tests reports CSTB 41391 and 42562)



### NOISE CHARACTERISTICS (Tests reports CSTB 41391 et 42562)

Vents characterized by their standard noise attenuation qualities  $D_{n,e,w}$  (C) and their acoustic power level  $L_w$  (at a stable extraction flow) measured in compliance with the specification in french standard NF E 51 701 and pr EN 13141-2.

The sound pressure level due to the vents' own noise is given by the formula :

$$L_p = L_w - 10 \log (V/12,5) \text{ in dB(A) where } V \text{ is the volume of the room in } m^3$$

Exemple :for a 40 m³ room, and  $L_w = 31$  dB(A),  $L_p = 26$  dB(A).

Noise attenuation  $D_{n,e,w}$  (C) is determined using the 125 Ø sleeve, the opening being fitted or no with a soundproofing module MIA.

#### ALIZE AUTO

ALIZÉ	Lw en dB(A)				Dn,e,w (C) dB
	70 Pa	100 Pa	130 Pa	160 Pa	
15 m³/h	19	27	31	34	60
30 m³/h	27	30	33	36	59
45 m³/h	27	33	34	37	55

ALIZÉ	Lw en dB(A)				Dn,e,w (C) dB
	70 Pa	100 Pa	130 Pa	160 Pa	
15/30 m³/h	27	30	33	36	59
20/75 m³/h	24	27	30	33	56
30/90 m³/h	25	31	34	36	56
45/135 m³/h	27	33	34	37	55

#### ALIZE AUTO + MIA ( Soundproofing module )

ALIZÉ avec MIA (*)	Lw en dB(A)				Dn,e,w (C) dB
	70 Pa	100 Pa	130 Pa	160 Pa	
15 m³/h	19	27	31	34	64
30 m³/h	27	30	33	36	64
45 m³/h	28	31	34	36	62

ALIZÉ avec MIA (*)	Lw en dB(A)				Dn,e,w (C) dB
	70 Pa	100 Pa	130 Pa	160 Pa	
15/30 m³/h	27	30	33	36	64
20/75 m³/h	26	30	32	34	64
30/90 m³/h	27	31	34	37	63
45/135 m³/h	28	31	34	36	62

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