

EXHAUST VALVES FOR HUMIDITY-CONTROLLED VENTILATION SYSTEMS



ALIZÉ HYGRO ALIZÉ TEMPO



CERTIFIED

TECHNICAL OPINION

No. 14.5/17-2268 & 14.5/17-2269

ALIZÉ HYGRO / TEMPO

ALIZÉ HYGRO, TEMPO and VISION humidity-sensitive or timed extract vents fall within the scope of Technical Opinion for humidity-controlled ventilation systems ALIZÉ 2018. They adjust extraction air flow rates in wet rooms (kitchens, bathrooms, toilets) according to the relative humidity and feature boost timers for additional extraction.

VENTILATION HYGRORÉGLABLE
IQB
www.certita.fr



IMPORTANT



- Technical Opinion No. 14.5/17-2269 for collective housing
- Technical Opinion No. 14.5/17-2268 for individual houses
- Meet regulatory requirements and combine aesthetic design with technical performance
- Made of white polystyrene
- Removable grille for easy cleaning
- Operating range 80-160 Pa

PRESENTATION

**ALIZÉ HYGRO
HCE,
HCBT
or HCP**



The extraction rate of the **kitchen exhaust valves** is adjusted according to the ambient relative humidity. The opening of the timed airflow boost (30 minutes) is activated by a press of a button.

These valves are available in four models for each flow rate.

Model with airflow boost activated :

- manually via a pull cord : **ALIZÉ HYGRO (HCC)**
- electrically by a push button (or remote controle on 12 V and 230 V exhaust vent) :
 - 3V (battery) : **ALIZÉ HYGRO à piles (HCP)**
 - 12 V (AC/DC) : **ALIZÉ HYGRO 12V (HCBT)**
 - 230 V : **ALIZÉ HYGRO élec (HCE)**



**ALIZÉ HYGRO
HB**



**ALIZÉ HYGRO
VISION HVP, HVBT
or HTE**

Depending on the configuration, the **bathroom extract vents** modulate flow rates according to the relative humidity of bathrooms :

- **ALIZÉ HYGRO (HB) exhaust valve**

In the case of **bathrooms with toilet**, the extraction rate is adjusted according to the ambient relative humidity. The opening of the timed airflow boost (30 minutes) is activated :

- manually via a pull cord : **ALIZÉ HYGRO TEMPO (HTC)**
- electrically by presence detector :
 - 3 V (batteries) : **ALIZÉ HYGRO VISION à piles (HVP)**
 - 12 V (AC/DC) : **ALIZÉ HYGRO VISION 12V (HVBT)**
 - 230 V : **ALIZÉ HYGRO VISION élec (HVE)**



**ALIZÉ VISION
TWVP, TWVBT or
TWVE**



**ALIZÉ TEMPO
TWE**

The **toilet exhaust valves** extract air continuously at 5 m³/h. The 30-minute boost (30 m³/h) is activated by a press of a button.

These valves are available in three models.

Model with airflow boost activated :

- manually via a pull cord : **ALIZÉ TEMPO (TWC)**
- electrically by a push button (230 V)
 - 230 V : **TEMPO élec (TWE)**
- electrically by presence detector :
 - 3 V (batteries) : **ALIZÉ VISION à piles (TWVP)**
 - 12 V (AC/DC) : **ALIZÉ VISION 12V (TWVBT)**
 - 230 V : **ALIZÉ VISION élec (TWVE)**

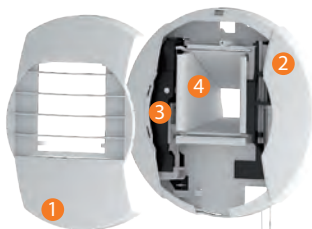
COMPONENTS

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

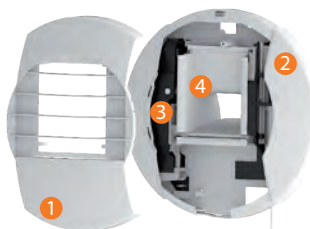
KITCHEN EXHAUST VALVES

BATHROOM EXHAUST VALVES

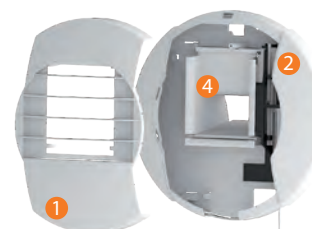
TOILET EXHAUST VALVES



ALIZÉ HYGRO TEMPO
with pull cord



ALIZÉ HYGRO TEMPO
with pull cord



ALIZÉ TEMPO
with pull cord



ALIZÉ HYGRO TEMPO 12 V
12 VAC/DC supply



ALIZÉ HYGRO VISION 12 V
12 VAC/DC supply



ALIZÉ VISION 12 V
12 VAC/DC supply



ALIZÉ HYGRO TEMPO à piles
Powered by 2 LR6/AA (1.5 V)
batteries



ALIZÉ HYGRO VISION
Powered by 2 LR6/AA (1.5 V)
batteries



ALIZÉ VISION
Powered by 2 LR6/AA (1.5 V)
batteries



ALIZÉ HYGRO TEMPO élec
230 V power supply

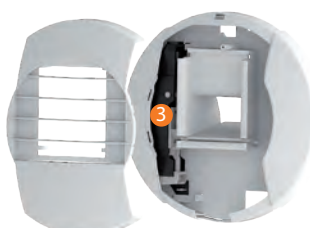


ALIZÉ HYGRO VISION 230 V
230 V power supply



ALIZÉ TEMPO élec
230 V power supply

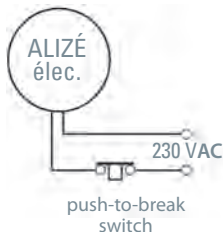
- ① Removable grille
- ② Cover, support plate with collar, lip gasket
- ③ Humidity-controlled element
- ④ Air channel with one or two flaps
- ⑤ 12 V power terminal block
- ⑥ Switch terminal block
- ⑦ Battery compartment
- ⑧ 230 V power terminal block



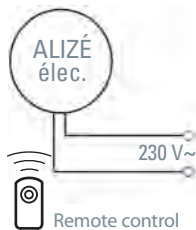
ALIZÉ HYGRO

ALIZÉ HYGRO TEMPO & TEMPO élec 230 V

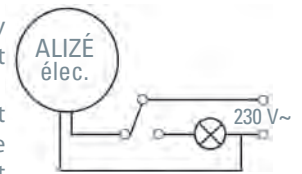
Wiring examples :



The mouth is powered by 230 V ~.
The maximum delayed flow rate is controlled either by an opening push button or by remote control.



Power is supplied by the two-way light switch.
When the light is turned off, the valve operates at maximum extraction.
For toilets only.



Battery-operated ALIZÉ HYGRO TEMPO, VISION & HYGRO VISION

Principle :

Powered by two 1.5 V LR6/AA batteries.

Remove the grille, then insert the two batteries into the battery compartment ⑦ according to the polarity markings ①.

The HYGRO TEMPO valves are connected to the push-to-make switch by a two-wire cable leading out the back of the support plate (see support plate diagram above). Connect the wires to the terminal block ⑥. Pressing the push button closes the circuit, causing the valve to open at the maximum extraction rate.

No wiring is required for VISION and HYGRO VISION valves.

When first turned on, the valve will run an open/close cycle except for presence detection VISION and HYGRO VISION extract vents which are 2 cycles spaced about 40 seconds apart. On the latter, the detection is done after about 40 seconds.

The batteries should be changed when the mouth emits a series of 5 beeps at the opening of the flap : Access the batteries by removing the grille ①.

It is recommended to screw the valve to the wall using the holes provided in the support plate (it is not necessary to disassemble the valve for routine servicing purposes).

Recommendation for VISION detection valves (HYGRO VISION et VISION) :

When mounted on walls, the detection lens must be at the bottom of the valve. When mounted on ceilings, the detection lens must be directed toward the middle of the room.



ALIZÉ HYGRO TEMPO, VISION & HYGRO VISION 12 V

Principle :

Powered via a recessed two-wire cable (2 × 1.5 mm²) leading out the back of the support plate (see support plate diagram above). Install a 12 VAC/1 A transformer in the distribution board.

The additional flow of the HYGRO and TEMPO vents is controlled either by an infrared remote control (kitchen mouths) or by an opening push button. In the latter case, the button is connected to the feed circuit of the vent.

Remove the grille ①. Route the wires through the opening at the rear of the support plate, then connect them to the terminal block ⑤.

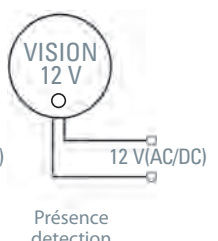
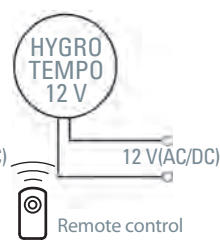
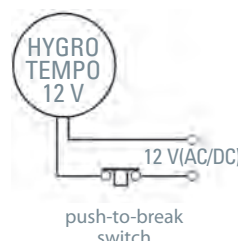
Pressing the push button closes the circuit, causing the valve to open at the maximum extraction rate.

At the first power-up, the vent switches to the maximum delayed extraction rate, except for the VISION and HYGRO VISION presence detection vents, which make 2 cycles spaced about 40 seconds apart. On the latter, the detection is done after about 40 seconds.

It is recommended to screw the valve to the wall using the holes provided in the support plate (it is not necessary to disassemble the valve for routine servicing purposes).

Recommendation for VISION detection valves (HYGRO VISION et VISION) :

When mounted on walls, the detection lens must be at the bottom of the valve. When mounted on ceilings, the detection lens must be directed toward the middle of the room.



ACCESSORIES

REMOTE CONTROL - PUSH BUTTON

PUSH BUTTON



REMOTE CONTROL



Push button to open/close (code 1790) :

Push button for the control of the complementary flow of the **ALIZÉ HYGRO TEMPO** or **ALIZÉ TEMPO** exhaust vents, connection on the 3 V (battery operated), 12 V or 230 V electric vents.

Remote controle (code 1785) :

Infrared remote control for the control of the flow complementary to the **ALIZÉ HYGRO TEMPO Elec 230 V** (HCE model) or 12V (HCBT model) kitchen exhaust vents.

Bag of 4 batteries (code 1784) : 1.5 V batteries type LR6

ACOUSTIC INSULATION

ACOUSTIC FOAM + fixing part



ACOUSTIC RING



The following items increase the sound performance (Dn,e,w) of valves to meet all applicable acoustic requirements.

ALIZÉ HYGRO acoustic foam + fixing part (code 1788) :

Melamine foam. Fits with the plastic retaining ring behind toilet/bathroom valves.

ALIZÉ HYGRO acoustic ring (code 1789) :

Plastic sheath with gasket and acoustic foam. Fits inside ducts, just behind the kitchen exhaust valve.

MAINTENANCE

It is important to regularly clean (at least twice a year) **ALIZÉ HYGRO**, **ALIZÉ HYGRO TEMPO**, **ALIZÉ HYGRO VISION**, **ALIZÉ TEMPO** and **ALIZÉ VISION** extract vents to ensure peak efficiency.

Always disconnect the power to the circuits of all 230 V or 12 V valves before attempting to service them.

Do not remove the valves from their ducts for cleaning purposes.

On the 230 V electric vent, the electrical connexion box ⑤ can be removed only by a professional.

Model :
**ALIZÉ HYGRO
TEMPO elec**

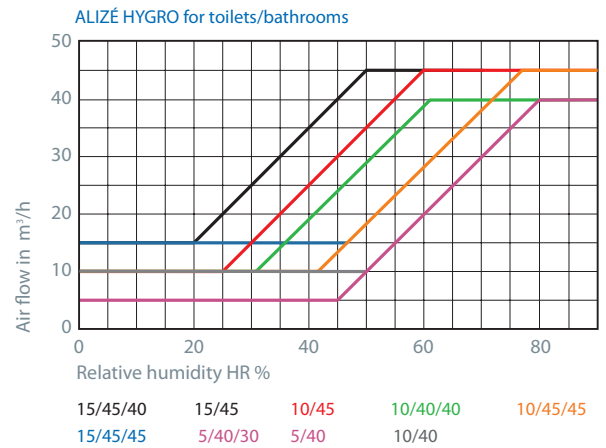
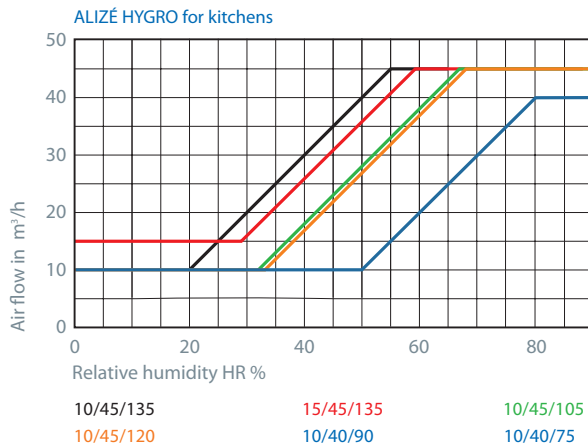


CLEANING PROCEDURE

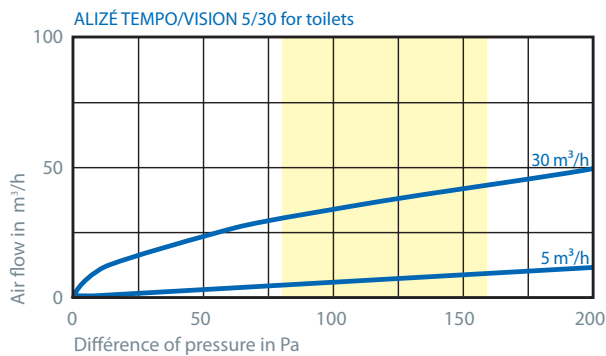
- Pull off the grille ① of the vent ② and remove the channel ③ without dislodging the flap(s).
- Wash the grille ① and channel ③ with soapy water and rinse.
- Put the channel ③ back in place, taking care to correctly position the flaps rods ④ in the actuator forks (just one flap for toilet/bathroom valves).
- Put the grille back in place on the valve.

CARACTÉRISTICS

HUMIDITY (at 80 Pa)



AIR FLOW



ACOUSTIC

ALIZÉ	Lw in dB(A)			Dn,e,w (C) dB	
	100 Pa	136 Pa	160 Pa		*
HYGRO 10/40/90 m³/h	31	35	37	55	59 ⁽¹⁾
HYGRO 15/45/135 m³/h	31	35	37	55	58 ⁽¹⁾
HYGRO 10/40 m³/h	28	35	37	56	60 ⁽²⁾
HYGRO 15/45 m³/h	28	35	37	56	60 ⁽²⁾
TEMPO/VISION 5/30 m³/h	28	35	37	56	60 ⁽²⁾

(*): Valves fitted with (1) acoustic ring
(2) acoustic foam

The values in blue are certified.

Both the acoustic foam and acoustic ring improve the acoustic performance of toilet/bathroom and kitchen exhaust valves.

CHARACTERISTICS

CONTROL

The table below shows the available commands for each type of vent:

Timer power supply	Piles (2 x 1,5 V)			12 V			230 V		
Control	Cord	Push button	Presence detection	Push button	Remote control	Presence detection	Push button	Remote control	Presence detection
ALIZÉ HYGRO TEMPO Kitchen	HCC	HCP		HCBT	HCBT		HCE	HCE	
ALIZÉ HYGRO TEMPO SdB/WC	HTC								
ALIZÉ HYGRO VISION SdB/WC			HVP			HVBT			HVE
ALIZÉ TEMPO WC	TWC						TWE		
ALIZÉ VISION WC			TWVP			TWVBT			TWVE

PRODUCT CODES

Kitchen valves

Description	Code
ALIZÉ HYGRO TEMPO 10/40/75 HCC01 with pull cord	1701
ALIZÉ HYGRO TEMPO 10/40/90 HCC02 with pull cord	1702
ALIZÉ HYGRO TEMPO 10/45/105 HCC03 with pull cord	1703
ALIZÉ HYGRO TEMPO 10/45/120 HCC04 with pull cord	1704
ALIZÉ HYGRO TEMPO 10/45/135 HCC05 with pull cord	1705
ALIZÉ HYGRO TEMPO 15/45/135 HCC06 with pull cord	1706
ALIZÉ HYGRO TEMPO battery-op. (3 V) 10/40/75 HCP01	1711
ALIZÉ HYGRO TEMPO battery-op. (3 V) 10/40/90 HCP02	1712
ALIZÉ HYGRO TEMPO battery-op. (3 V) 10/45/105 HCP03	1713
ALIZÉ HYGRO TEMPO battery-op. (3 V) 10/45/120 HCP04	1714
ALIZÉ HYGRO TEMPO battery-op. (3 V) 10/45/135 HCP05	1715
ALIZÉ HYGRO TEMPO battery-op. (3 V) 15/45/105 HCP06	1716
ALIZÉ HYGRO TEMPO 12 V 10/40/75 HCBT01	1721
ALIZÉ HYGRO TEMPO 12 V 10/40/90 HCBT02	1722
ALIZÉ HYGRO TEMPO 12 V 10/45/105 HCBT03	1723
ALIZÉ HYGRO TEMPO 12 V 10/45/120 HCBT04	1724
ALIZÉ HYGRO TEMPO 12 V 10/45/135 HCBT05	1725
ALIZÉ HYGRO TEMPO 12 V 15/45/135 HCBT06	1726
ALIZÉ HYGRO TEMPO elec (230 V) 10/40/75 HCE01	1731
ALIZÉ HYGRO TEMPO elec (230 V) 10/40/90 HCE02	1732
ALIZÉ HYGRO TEMPO elec (230 V) 10/45/105 HCE03	1733
ALIZÉ HYGRO TEMPO elec (230 V) 10/45/120 HCE04	1734
ALIZÉ HYGRO TEMPO elec (230 V) 10/45/135 HCE05	1735
ALIZÉ HYGRO TEMPO elec (230 V) 15/45/135 HCE06	1736

Accessories

Description	Code
ALIZÉ HYGRO acoustic foam + fixing part	1788
ALIZÉ HYGRO acoustic ring	1789
Cord guide for ceiling-mounted valves	1791
Bag of two LR6/AA 1.5V batteries	1782
Bag of four LR6/AA 1.5V batteries	1784
Push to break/make switch (230V or batteries)	1790
Remote control for 12 V et 230 V valves	1785
Plastic collar – dia. 125 mm x L 50 mm	1792
Plastic collar – dia. 125 mm x L 65 mm – gasketed	1793
3-pronged plasterboard sleeve – dia. 125 mm x L 100 mm	1794
3-pronged plasterboard sleeve – dia. 125/80 mm x L 100 mm	1795
Plastic ceiling-embedded sleeve – dia. 125 mm x L 275 mm	1796
Plastic ceiling-embedded sleeve – dia. 125/80 mm x L 275 mm	1797

Toilet/bathroom valves

Description	Code
ALIZÉ HYGRO 5/40 HB01	1751
ALIZÉ HYGRO 10/40 HB02	1752
ALIZÉ HYGRO 10/45 HB03	1753
ALIZÉ HYGRO 15/45 HB04	1754
ALIZÉ HYGRO TEMPO 5/40/30 HTC01 with pull cord	1755
ALIZÉ HYGRO TEMPO 10/40/40 HTC02 with pull cord	1756
ALIZÉ HYGRO TEMPO 10/45/45 HTC03 with pull cord	1757
ALIZÉ HYGRO TEMPO 15/45/40 HTC04 with pull cord	1758
ALIZÉ HYGRO TEMPO 15/45/45 HTC05 with pull cord	1759
ALIZÉ HYGRO VISION battery-operated (3V) 5/40/30 HVP01	1760
ALIZÉ HYGRO VISION battery-operated (3V) 10/40/40 HVP02	1761
ALIZÉ HYGRO VISION battery-operated (3V) 10/45/45 HVP03	1762
ALIZÉ HYGRO VISION battery-operated (3V) 15/45/40 HVP04	1763
ALIZÉ HYGRO VISION battery-operated (3V) 15/45/45 HVP05	1764
ALIZÉ HYGRO VISION 12 V 5/40/30 HVBT01	1765
ALIZÉ HYGRO VISION 12 V 10/40/40 HVBT02	1766
ALIZÉ HYGRO VISION 12 V 10/45/45 HVBT03	1767
ALIZÉ HYGRO VISION 12 V 15/45/40 HVBT04	1768
ALIZÉ HYGRO VISION 12 V 15/45/45 HVBT05	1769
ALIZÉ HYGRO VISION elec (230 V) 5/40/30 HVE01	1770
ALIZÉ HYGRO VISION elec (230 V) 10/40/40 HVE02	1771
ALIZÉ HYGRO VISION elec (230 V) 10/45/45 HVE03	1772
ALIZÉ HYGRO VISION elec (230 V) 15/45/40 HVE04	1773
ALIZÉ HYGRO VISION elec (230 V) 15/45/45 HVE05	1774
ALIZÉ TEMPO 5/30 TWC with pull cord	1775
ALIZÉ TEMPO elec (230 V) 5/30 TWE	1776
ALIZÉ VISION battery-operated (3 V) 5/30 TWVP	1777
ALIZÉ VISION 12 V 5/30 TWBT	1778
ALIZÉ VISION elec 230 V 5/30 TWVE	1779