

**Outlet and terminal****11015176****BW52 BDH 15-45/45 - Ø 80 mm battery presence - White**

The BDH valve adjusts the airflow according to humidity, ensuring effective and economical ventilation for healthy air in bathrooms and toilets

**PRODUCT BENEFITS**

unique more modern format  
even quieter extraction outlet  
easier INSTALLATION & SUPPORT & simplified RE2020 reception thanks to the integrated pressure port

**Principles of operation**

In a hygro-adjustable VMC system, the air flow rate is automatically regulated according to the humidity level of the rooms and therefore based on the actual ventilation needs of the building. The BDH valve is installed in the sanitaires.

**Product description**

BDH is the hygro-adjustable vent intended for technical rooms in detached houses and new and renovated collective housing. It is the small model hygro-adjustable vent for flows < 50m<sup>3</sup>/h.

**Fields of application**

Multi-occupancy residential housing, Individual residential housing, New, Refurbishment

**Installation**

BDH must be installed in humid or technical rooms: bathroom, WC, utility room,

the terminal must be positioned at the top part of a vertical wall or on the ceiling at a height of at least 1.80 metres above the floor,

the terminal must be accessible and detachable with a distance of at least 20 cm between the centre of the terminal and the adjacent walls and not stuck to the duct,

the seal of the CONNECTION terminal - CONNECTION duct must be optimal. This condition is improved by the use of a SLEEVE. A sheet metal SLEEVE will be used in the case of collective housing (stainless steel SLEEVE mandatory in Gas VMC). Whereas a plastic SLEEVE can be used for individual houses.

versions with D 125 mm shaft: the terminal is fixed directly (by fitting with O-ring seal) in the SLEEVES.

versions with D 80 mm shaft fixed by fitting into the SLEEVES.

In case of implementation of cord terminals on the ceiling or above a piece of furniture, use a cord deflector (code 11015001).

NOTA: For humidity-controlled terminals with electric COMMAND, provide two AA/LR06 batteries, as well as a classic push button (code 11026011).

Humidity-controlled terminals operate in the pressure range 80-160 Pa

Extraction terminals must be maintained and checked at least once a year. It is forbidden to connect a mechanical hood to the VMC network (Art. 14 - decree of 24 March 1982),

Before replacing an old terminal with a new one, carry out a pressure survey and record the type of housing concerned

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## Reference arguments

Application :

- Hygro-adjustable extract grille for bathroom with WC,
- Dedicated for detached house (new build and renovation).

Description :

- Attachment D 80 mm,
- Base flow rate: 10-45 m<sup>3</sup>/h
- Peak flow rate: 45 m<sup>3</sup>/h,
- Humidity: 21/51%,
- Pressure range: 80 to 160 Pa,
- Control: presence,
- Colour: white,
- Roll-in Seal,
- Ease of installation.

## Main characteristics

adjustable humidity damper low flow rates (< 50m<sup>3</sup>/h),

versions with or without drum, in string format, presence or electric and ACCESSORIES allowing to meet all installation needs, with its easily clip-on and clip-off CONTROL subassembly, the BDH can be easily cleaned without being removed from the wall, pressure range: 80 - 160 Pa.

## Accessories

Description	Variants
Bahia shaft Ø 80/ 125	11015017
12V Case BDH	11015006
Interface 230 VAC/ 3 V DC	11015005
Battery case 2X AA/LR06	11015007
Claw-fit sleeve Ø 80 mm	11022001
Trident sleeve Ø80	11022074
Shoulder sleeve Ø 80 mm	11012490
Mixed bend for terminal Ø 80 mm	11023002
Minigaine extension equivalent D80 length 150 white	11023046

## General data

Variants	Main material	Type of control	Type of dwelling	Colour
11015176	Plastic	Présence	F3, F4, F5, F6, F7	White

## Dimensional data

Variants	H (mm)	L (mm)	P (mm)	Ø connection (mm)
11015176	170	170	43,1	80

## Airflow data

Variants	Basic airflow (m <sup>3</sup> /h)	Boost airflow (m <sup>3</sup> /h)	Relative humidity (%)
11015176	15-45	45	21/51