

**Outlet and terminal****11015168****C51 BDH 15-55/135 m<sup>3</sup>/h - Ø 125 mm push piles - White**

The BDH valve kitchen adjusts the air flow according to humidity, ensuring effective, continuous and economical Ventilation for healthy air without effort

**PRODUCT BENEFITS**

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

**Principles of operation**

In a hygroregulated VMC system, the airflow 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 kitchen.

**Product description**

BDH is the hygro-adjustable nozzle intended for the kitchen of individual houses and new and renovated collective housing. It is the large model hygro-adjustable nozzle • 50m<sup>3</sup>/h.

**Fields of application**

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

**Installation**

BDH must be installed in the kitchen,

the terminal must be positioned at the top 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 removable 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 tightness of the CONNECTION terminal - CONNECTION sleeve 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 may be used for detached houses.

the terminal is fixed directly (by fitting with O-ring seal) in the sleeves.

versions without stack: fixed by clip on D 125 mm stack (Roll - In seal), D 116 mm (Roll - In seal) or D 100 mm (foam seal),

In order that the humidity-controlled terminals kitchen do not rotate during the use of the peak flow rate, it is recommended to fix them with two screws Ø 3.5 x 35 mm with two plugs Ø 6 x 35 mm.

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

NOTE: For humidity-controlled terminals with electric control, provide two AA/LR06 batteries, as well as a standard push button (code 11026011),

The humidity-controlled terminals operate within the pressure range 80-160 Pa,

The 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, take a pressure reading and note the type of housing concerned,

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## Reference arguments

Application :

- Hygroregulable extraction outlet for kitchen,
- Dedicated for individual house (new and renovation).

Description :

- Attachment D 125 mm,
- Base flow rate: 15 - 55 m<sup>3</sup>/h
- Peak flow rate: 135 m<sup>3</sup>/h,
- Hygrometry: 23/63%,
- Pressure range: 80 to 160 Pa,
- Control: push (batteries),
- Colour: white,
- Roll-in Seal,
- Ease of installation.

## Main characteristics

adjustable humidity air valve high flow rates (• 50m<sup>3</sup>/h),

versions with or without casing, in string format, presence or electric and ACCESSORIES allowing to meet all implementation needs, with its clipable and easily unclipable CONTROL sub-assembly, the BDH can be easily cleaned without being removed from the wall, pressure range outside peak flow: 80 - 160 Pa.

pressure range at peak flow: 70 - 160 Pa.

## Accessories

Description	Variants
Foam airtight seals for terminals	11019049
Acoustic ring for terminals Ø 125 mm	11019429
Interface 230 VAC/ 3 V DC	11015005
Battery case 2X AA/LR06	11015007
12V Case BDH	11015006
CMEV push button for BAHIA CURVE terminal	11026011
Trident sleeve for RT Flex	11018569
Trident sleeve Ø 125 mm	11033007
Sleeve Ø 125 90° 1P	11091865
Sleeve Ø 125 90° 2P	11091866
Sleeve Ø 125 straight 1P	11091867
Long sleeve 2X75 / D125	11091995
Short sleeve 2X75 / D125	11091996
Vertical 90° bend for terminal Ø 125 mm	11023975
TRIDENT SHEET SLEEVE D125 H300	11022055
Shoulder sleeve Ø 125 mm	11012220
Sheet sleeve 3 tabs Ø 125 mm	11012252
Trident sleeve hygro Ø 125/80 mm	11085343
Long sleeve OPTIFLEX® 2x90 125	11091997
Short sleeve OPTIFLEX® 2x90 125	11091998
Vertical mixed T-piece for terminal Ø 125 mm	11023979
Adapter plate 125/150	11018056

## General data

Variants	Main material	Type of control	Type of dwelling	Colour
11015168	Plastic	Lighting circuit	F2, F3, F4, F5, F6, F7	White

## Dimensional data

Variants	H (mm)	L (mm)	Ø connection (mm)
11015168	170	170	125

## Airflow data

Variants	Basic airflow (m <sup>3</sup> /h)	Boost airflow (m <sup>3</sup> /h)	Relative humidity (%)
11015168	15-55	135	23/63

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