Outlet and terminal

11015144
BW21 BAHIA® CURVE 5-45/30 m3/h - Ø 80 mm presence - White

The BAHIA CURVE humidity-controlled terminal for bathrooms and WC ensures sufficient and constant extraction of indoor pollution according to the humidity level in the room.



PRODUCT BENEFITS

- easy to install,
- simple to clean,
- unique no-grille design conserves the aesthetic character of the terminal even if it is clogged.

REGULATIONS AND COMPLIANCES

Identification no. QB37 : 05/02-CHY3-2266;05/02-CHY3-2267;05/02-CHY3-2185
Technical Opinion no. : 14.5/17-2267;14.5/17-2266;14.5/17-2185

Principles of operation

In a humidity-controlled CMEV system, the airflow is automatically controlled according to the humidity level in rooms and therefore based on the actual ventilation needs of the building. The BAHIA CURVE S terminal is installed in bathrooms/WC.

Product description

BAHIA CURVE S is a humidity-controlled extract terminal designed for utility rooms in individual houses, new and refurbished multi-occupancy residential housing. This terminal is the small model for airflow needs < 50 m3/h.

Fields of application

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

Installation

- BAHIA CURVE S must be installed in humid rooms or equipment rooms: bathrooms, WC, cellar, etc.

- the terminal must be located at the top of a vertical wall or on the ceiling at least 1.80 m from 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 glued to the duct,

- the air tightness of the terminal - duct connection must be optimal. This is achieved with O-ring seals and reinforced with a sleeve. A sheet metal sleeve is used for multi-occupancy housing (stainless steel sleeve required for a gas CMEV system). A plastic sleeve may be used for an individual house. The sleeves are slotted directly into: - a semi-rigid or rigid duct Ø 125 mm correctly shaped, a sheet metal sleeve Ø 125 mm (code 11012220),

- the terminal is slotted directly into: a sleeve, RT Flex, rigid or semi-rigid ducts. The airtight seal is created with O-ring seals and reinforced with a sleeve.

- versions with shaft D 80 mm, slots into sleeves, rigid and semi-rigid ducts.

- If cord-operated grilles are installed in the ceiling or above a piece of furniture, use a cord return system (code 11015001).

- Note: For humidity-controlled terminals with electrical controls, a 9V alkaline battery type 6LR61 is required as well as a conventional push button (code 11026011).

- Humidity-controlled terminals operate within the 80-160 Pa pressure range.

- Extract terminals must be maintained and checked at least once a year. Never connect a mechanical extractor hood to the CMEV network (article 14 of Decision of 24 March 1982),

- Before replacing an old terminal with a new one, measure the pressure and identify the type of dwelling.

We reserve the right to make changes without notice

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Reference arguments

Application:
- Humidity-controlled extract terminal for bathroom with WC,
- Specially designed for multi-occupancy housing (new and refurbishments).

Description:
- Attachment D125 mm,
- Base airflow: 15 - 50 m³/h, boost airflow 50 m³/h,
- Relative humidity: 31/66%,
- Pressure range: 80 to 160 Pa,
- Controls: occupancy detection,
- White colour,
- Roll-In seal,
- Easy to install.

Main characteristics

- humidity-controlled terminal, small size (airflow < 50 m3/h),
- versions and accessories to meet all installation needs,
- easy maintenance: control sub-assembly quick to clip on and unclip, easy to clean without being removed from the wall thanks to its removable Bahia Curve casing,
- pressure range: 80 - 160 Pa.

Accessories

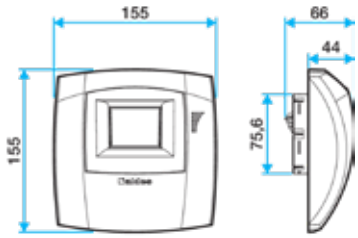
Description	Variants
Bahia shaft Ø 80/ 125	11015017
Interface 9 V DC-230 VAC	11015280
Shoulder sleeve Ø 80 mm	11012490
Power board BAHIA power board 12 V AC-8V DC	11015275
Stapled renovation plate for Bap'SI and Bahia Curve - White	11019050
Screw-on renovation plate for Bap'SI and Bahia Curve - White	11019054

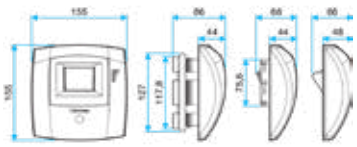
General data

Variants	Type of dwelling in Hygro B	Main material	Type of dwelling	Colour
11015144	Hygro A;Hygro B	Plastic	F1, F2, F3, F4, F5	White

Dimensional data

Variants	H (mm)	L (mm)	Ø connection (mm)
11015144	155	48	80





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Airflow data

Variants	Basic airflow (m³/h)	Boost airflow (m³/h)	Relative humidity (%)	Pressure range (Pa)
11015144	5-45	30	36/76	80-160

Installation

