

Ventilation terminal kit

11033031

EasyHOME HYGRO Classic kit + BAHIA® CURVE ELEC terminals

The EasyHOME HYGRO Classic ventilation solution automatically adapts to needs by detecting the humidity level in each room.



PRODUCT BENEFITS

- ventilation to precisely match your needs thanks to humidity detection,
- up to €200 savings on heating bills,
- 78% recycled plastic.

REGULATIONS AND COMPLIANCES

Identification no. Q837 : 70/01-CHY5-2266
Technical Opinion no. : 14.5/17-2266

Principles of operation

EasyHOME HYGRO renews the air throughout your dwelling and removes ambient humidity.

In each room, the humidity-controlled air inlets and terminals detect humidity or occupation, to ensure the ventilation airflow is automatically adjusted to suit your needs.

Product description

EasyHOME HYGRO Classic is a humidity-controlled unidirectional ventilation solution which adapts the air renewal rate to the humidity level or the presence of occupants in the dwelling, thereby preventing pointless heat losses.

The rate is controlled room by room by the humidity-controlled air inlets and terminals.

EasyHOME HYGRO is compatible with multiple ducting solutions and can be installed with Optiflex semi-rigid ducts for an airtight, high-performance installation.

EasyHOME HYGRO can be installed in an attic.

Fields of application

Individual residential housing, New, Refurbishment

Installation

- suspended installation with cord provided,
- can be mounted on a vertical wall using the optional wall mounting kit: centreline pitch 95 mm,
- quick-connect electrical terminal block,
- compatible with all types of ductwork:
 - Algaine flexible ducts,
 - Optiflex semi-rigid ducts,
 - Miniduct rigid ducts,
- insulate the ducting when not in heated area,
- EasyCLIP Algaine accessories supplied with the ELEC kit: quick-fit connectors and clamps for simplified connection of flexible ducts to the unit,
- optional EasyCLIP Optiflex accessories available,
- PUSH kitchen terminals and WC PRESENCE terminals powered by battery (9V alkaline, type LR61, not supplied).

Reference arguments

- Application:
 - Individual residential,
 - For exhaust ventilation system - Refurbishment,
 - New system or replacement of existing ventilation system,
 - Connects 1 kitchen and up to 4 bathrooms/WC.
- Description:
 - ATTIC unit made of recyclable plastic: 1 x Ø125 kitchen connection, 4 x Ø80 bath/WC connections, 1 x Ø160 discharge,
 - Exhaust airflows regulated by humidity-controlled terminals depending on the ambient humidity,
 - 1-speed AC motor
 - Hygro B kit supplied with Bahia Curve humidity-controlled terminals with electrical control

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Main characteristics

- ATTIC unit made of recyclable plastic,
- connections on unit:
 - 1 x Ø 125 mm connection for kitchen,
 - 4 x Ø 80 mm connections for bathrooms/WC,
 - 1 x Ø 160 mm outlet.
- exhaust airflow controlled according to level of pollutants detected,
- installation symbols on the unit and accessories,
- 2 operating modes: HYGRO humidity-controlled mode and BOOST mode for kitchen,
- 1-speed AC motor,
- Hygro B kits supplied with Bahia Curve humidity-controlled terminals, electrical control (ELEC) or manual pull cord control (CORD).

Supplementary characteristics

- HYGRO mode:
 - continuously variable daily automatic operation,
 - ventilation airflow reduced to minimum during periods of absence,
 - airflow increased at terminals when humidity level rises (perspiration, shower, cooking, etc.) or when occupancy of the WC is detected.
- BOOST kitchen mode:
 - high speed ventilation in kitchen by opening terminal at peak airflow for a period of 30 min,
 - manual activation of peak airflow by push button (ELEC terminal) or via pull cord (CORD terminal)
 - fast elimination of humidity and odours at meal times.

Contents of kits

- suspension cord;1
- plug Ø 80 mm;2
- kitchen terminal C21 PUSH Ø 125 mm + sleeve;1
- bathroom terminal B21 Ø 80 mm + sleeve;1
- WC terminal W13 PRES Ø 80 mm + sleeve;1
- Algaine EasyCLIP Ø 125 mm;1
- Algaine EasyCLIP Ø 80 mm;2
- Algaine EasyCLIP Ø 160 mm;1

Accessories

Description	Variants
Collar + connector EasyCLIP Ø125 mm	11033010
Collar + connector EasyCLIP Ø80 mm	11033011
Connector EasyCLIP + collar Ø 160 mm	11033016
Wall mounting kit OPTIMA with silent blocks	11033015
CMEV push button for BAHIA CURVE terminal	11026011
Trident sleeve Ø 125 mm	11033007
Trident sleeve Ø80	11022074

General data

Variants	Number of connections Ø 125 mm	Number of connections Ø 80 mm	Maximum number of bathrooms/ WC	Number of speeds	Type of motor
11033031	1	4	4	1	AC

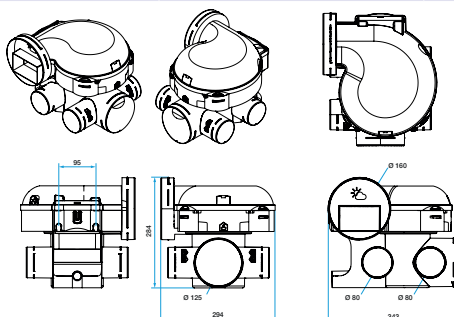
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Dimensional data

Variants	H (mm)	L (mm)	P (mm)	Ø discharge (mm)	Weight (kg)
11033031	284	294	343	160	2,7



Airflow data

Variants	Max. airflow ErP (m³/h)
11033031	213

Acoustic data

Variants	Sound pressure at 2 m from the kitchen terminal (dB(A))	Sound power at kitchen terminal (dB(A))	Sound power at the unit at 100 m³/h (dB(A))	Sound power ErP (dB(A))
11033031	20	37	45	42

Heat recovery data

Variants	Average daily consumption 2-bed dwelling (1 bathroom + 1 WC) (W)
11033031	20.5

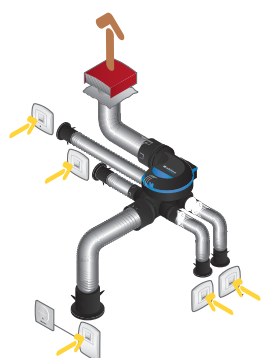
Electrical datas

Variants	Voltage (V)	Frequency (Hz)	Max. power	Max. current (A)	Protection current (A)
11033031	230	50	28	0,2	2

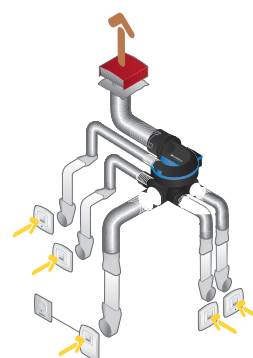
Regulatory data

Variants	Energy class – Average climate
11033031	C

Installation



Installation avec conduits souples Algaïne isolée



Installation avec conduits rigides Minigaine

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Curve

