

Ventilation terminal kit

11033071

EasyHOME COMPACT Premium Hygro kit SP + BAHIA® CURVE ELEC
PEB terminals

EasyHOME Hygro COMPACT Premium SP is a low-consumption, multi-position, humidity-controlled ventilation solution offering up to 7 speeds.



PRODUCT BENEFITS

- up to 7 fan speeds,
- compatible with multiple ducts using EasyCLIP connection accessories for flexible or semi-rigid ducting,
- 77% recycled plastic.

REGULATIONS AND COMPLIANCES

Identification no. Q837 : NA
Technical Opinion no. : NA

Principles of operation

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

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

Product description

EasyHOME HYGRO COMPACT Premium SP 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 terminals.

EasyHOME HYGRO COMPACT Premium SP features a very low-consumption motor and offers up to 7 speeds. The operating pressure can be adjusted on site to adapt to the installation.

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

Ultra-flat and multi-position, EasyHOME HYGRO COMPACT Premium SP is suitable for installation in small interior spaces, for example in a suspended ceiling or utility room.

Fields of application

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

Installation

- multi-position installation: wall, ceiling, floor, sloped surface,
- just 2 attachment screws: centreline 406 mm,
- built-in anti-vibration strips,
- quick-connect electrical terminal block,
- compatible with all types of ducting:
 - Algaine flexible ducts,
 - Optiflex semi-rigid ducts,
 - Minigaine rigid ducts,
 - ducting must be insulated outside of heated spaces.
- Algaine EasyCLIP accessories supplied: quick-fit connectors and collar clamps for simplified connection of flexible ducts on the unit,
- Optiflex EasyCLIP accessories available as optional extras.

Reference arguments

- Application:
 - For individual houses or apartments,
 - Unidirectional ventilation systems,
 - Connections for 1 kitchen and up to 4 bath/WC,
- Description:
 - COMPACT 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 and room occupancy,
 - EC low-consumption motor, 7 speeds,
 - Hygro B kit supplied with Bahia Curve PEB humidity-controlled terminals with electrical control.

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Main characteristics

- COMPACT 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 regulated by humidity-controlled terminals according to ambient humidity,
- installation symbols on the unit,
- EC low-consumption motor, SP version: 7 speeds corresponding to 7 pressure levels from 50 to 250 Pa, can be adjusted on site by installer to manage system pressure losses,
- combine with Bahia Curve humidity-controlled terminals.

Contents of kits

- plug Ø 80 mm; 2
- Terminal for kitchen / bathroom with WC (humidity + occupancy): H+P75 Ø 125 mm; 1
- Terminal for bathroom without WC / laundry room / enclosed kitchen (humidity): H50 Ø 80 mm; 1
- WC terminal (occupancy): P25 Ø 80 mm; 1
- EasyCLIP Algaine Ø 125 mm; 1
- EasyCLIP Algaine Ø 80 mm; 2
- EasyCLIP Algaine Ø 160 mm; 1

Accessories

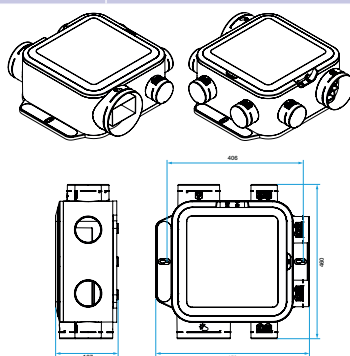
| Description | Variants |
|---|----------|
| OPTIFLEX® EasyClip accessory kit for EasyHOME units | 11091994 |

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 |
|----------|--------------------------------|-------------------------------|------------------------------------|------------------|---------------|
| 11033071 | 1 | 4 | 4 | 7 | EC |

Dimensional data

| Variants | H (mm) | L (mm) | P (mm) | Ø discharge (mm) | Weight (kg) |
|----------|--------|--------|--------|------------------|-------------|
| 11033071 | 187 | 459 | 460 | 160 | 3,6 |



Airflow data

| Variants | Max. airflow ErP (m³/h) |
|----------|-------------------------|
| 11033071 | 416 |

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)) |
|----------|--|---|---|-------------------------|
| 11033071 | 32 | 37 | 42 | 49 |

Heat recovery data

| Variants | Average daily consumption 2-bed dwelling (1 bathroom + 1 WC) (W) |
|----------|--|
| 11033071 | 10,9 |

Electrical datas

| Variants | Voltage (V) | Frequency (Hz) | Max. power | Max. current (A) |
|----------|-------------|----------------|------------|------------------|
| 11033071 | 230 | 50 | 85 | 0,8 |

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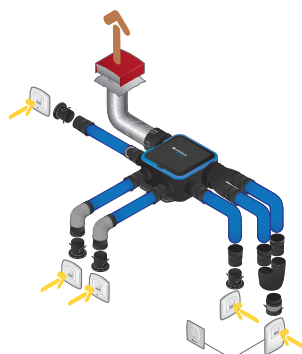
Regulatory data

| Variants | Energy class – Average climate |
|----------|--------------------------------|
| 11033071 | B |

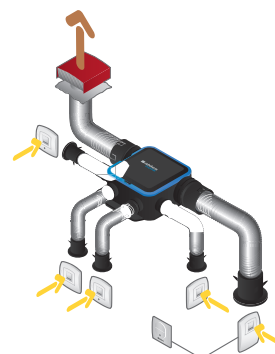
Installation



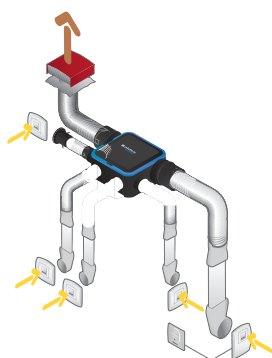
Montage faux-plafond



Installation avec conduits semi-rigides Optiflex



Installation avec conduits souples Algaïne isolée

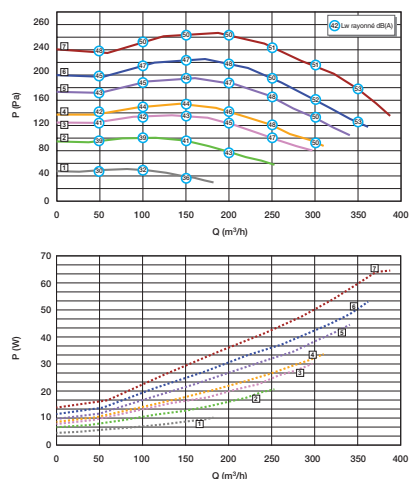


Installation avec conduits rigides Minigaine



EasyCLIP Algaïne

Curve



Choice of 7 pressure levels [1] to [7] for 7 ventilation speeds, adjustable on site.