

Technical Datasheet

GENIUS HOME

KKOair
by **jeremias**

INDIVIDUAL HEAT RECOVERY | DOUBLE FLOW SYSTEM

GENIUS HOME

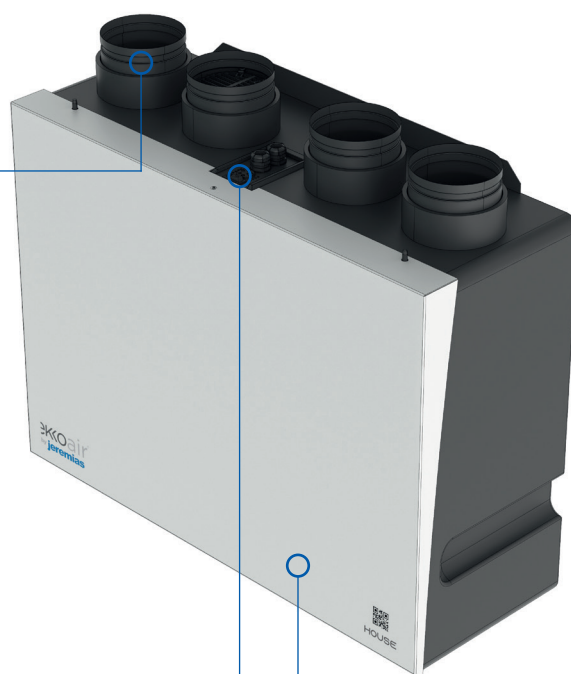
The Genius Home model is a wall-mounted heat recovery unit known for its compact size and impressive performance.

FEATURES



Openings

Openings Ø125 mm with seal



High efficiency with low consumption



Guaranteed airtightness



Acoustic comfort



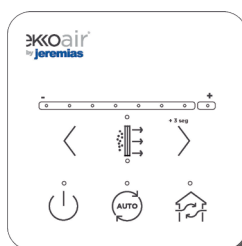
Space saving



Reduces carbon footprint



Easy and customizable installation



Multi-Function

Multi-function controller with a 10 m cable



Removable and Efficient Filters

M5 Filters (Epm10 55%) Ensures effective air purification

ADDITIONALLY INCLUDED ACCESSORIES



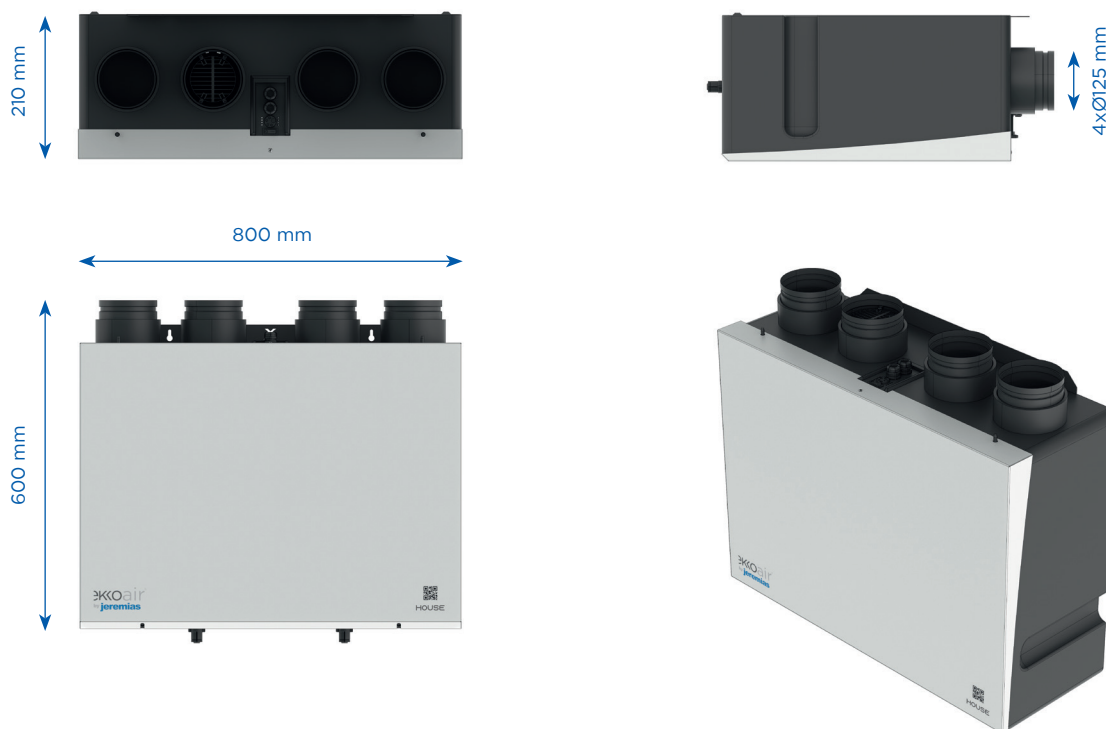
Modbus module

OPTIONAL SMART HOME ACCESSORIES



Wifi-Module

Dimensions



Positioning

- 1 Stale air exhaust to the outside
- 2 Fresh air intake from outside
- 3 Stale air extraction from the home
- 4 Fresh air supply into the home

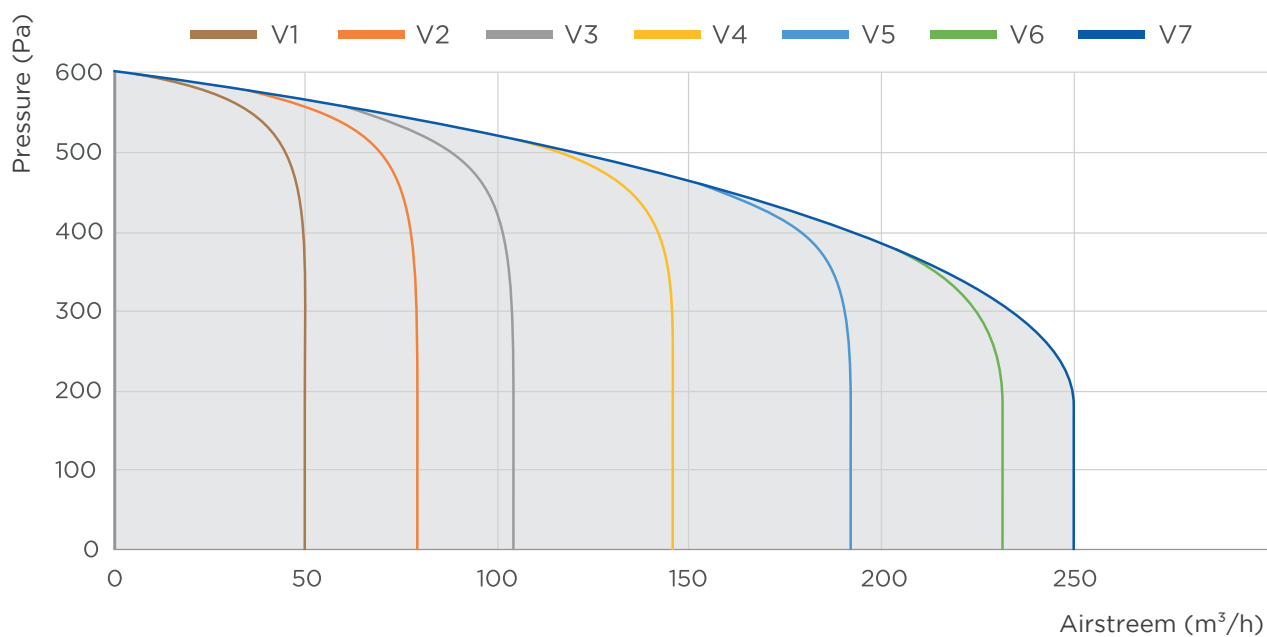


Technical Specifications

Technical Data								
Parameters	Units	Values						
Flow Rate	m ³ /h	270 (200 Pa)						
Sound Pressure L _{Pa-3m} *	dB	42						
Duct Diameter	mm	4xØ125						
Control		8 Speeds						
Installation		Wall-mounted						
IP		IP 20						
Filter Type		M5 Coarse 90% ISO 16890						
Weight	kg	17						
Dimensions	mm	800x600x210						
Multifunction Control		1	2	3	4	5	6	7
	m ³ /h	50	75	105	145	190	235	250
Body + Casing		EPP + Metal Sheet						
Performance**	%	88,3						

* Outdoors at the reflection level

** According to UNE EN 308 at 70% of the nominal volume



TECHNICAL ADVANTAGES

- Automatic bypass activated by multifunction control
- EC motors with constant flow
- Up to 92% efficiency
- Wide range of filters available (factory standard M5)



INSTALLATION ADVANTAGES

- Compatible with EkkoFlex distribution box
- Vertical wall installation



Filter M5 Genius Home



Filter F7 Genius Home



Wifi-Module



External CO₂ Sensor



**External Sensorfor
Relative Humidity HR**



External CO₂+HR Sensor



**Connection Module
for up to 8 Sensors**



Siphon

ACCESSORIES

REF.	ITEM DESCRIPTION
403-COVE100N0009	Bag with 2 Filters M5 Genius Home Coarse 90% ISO 16890
403-COVE100N0010	Bag with 2 Filters F7 Genius Home ePM1 50% ISO 1689
403-COVE100N0011	Wifi-Module
403-COVE100N0013	External CO ₂ Sensor
403-COVE100N0014	External Humidity Sensor (relative humidity HR)
403-COVE100N0015	External CO ₂ +HR-Sensor
403-COVE100N0016	Module for Connecting up to 8 Sensors
403-COVE103N0001	Siphon 16/20/25 mm
403-COVE100N0019	Post-heating for Genius Home
684-SVCH1100130	Adapter Genius Home to SVC-H Ø130 mm
684-SVCH1100150	Adapter Genius Home to SVC-H Ø150 mm