EYOTA 600

MORE TUTORIALS EYOTA



The Eyota 600 mechanical ventilation with heat recovery system ensures optimal air quality in **homes up to 450 m²**. It **filters the** incoming air, removing **humidity**, **CO_2** and **VOCs** while ensuring **thermal comfort** and **energy savings**. Its high-efficiency heat exchanger **recovers up to 93% of the heat from the extracted** air to warm the supply air.

STRENGTHS

> **Smart control and connectivity** with humidity and CO_2 sensors, remote control, and VA CONNECT mobile app

> **Energy savings**: heat recovery efficiency up to 93% and 100% modular bypass, active year-round

> **Installation flexibility**: vertical or horizontal branch connections

Description	Ref. no.
Eyota 600 CO2 LH	1303.0006
Eyota 600 CO2 RH	1303.0009

UP TO 600 m³/h

2-year guarantee

DESCRIPTION

- The unit is made of PPE with an ABS outer shell
- 2 very low consumption EC3 motors with constant flow
- 1 fine particle filter F7 - ePM2.5 70% and 1 pollen filter G4 - Coarse 60% *(according to ISO 16890 standard)*
- Integrated control screen
- 4 ventilation levels: low, normal, high, intense
- Integrated humidity, CO_2, temperature, and pressure sensors
- Option to add up to 32 optional sensors (humidity/temperature, CO_2 and presence) to customise the installation room by room



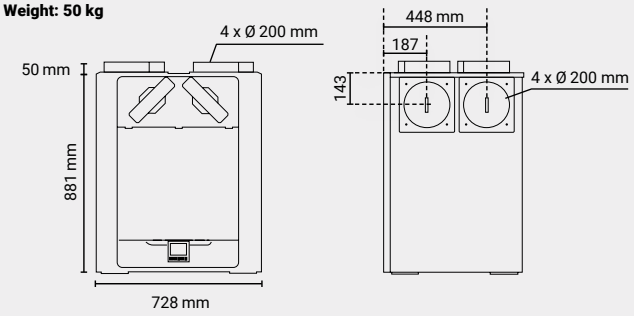
- Counterflow heat exchanger with up to 93% efficiency
- 100% modular bypass
- Integrated preheating system on the left (Eyota 600 CO2 LH) or right (Eyota 600 CO2 RH)
- 4 top connections, 2 left connections, 2 right connections
- Assisted configuration via the VA CONNECT mobile app
- 1.5 metre power cable

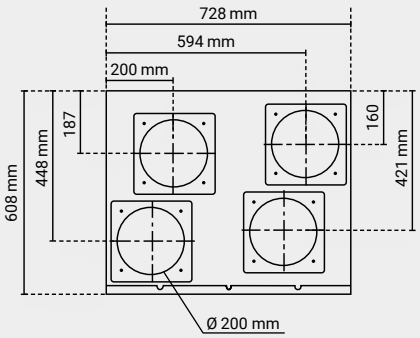
TECHNICAL DATA

- Maximum flow rate: 600 m³/h
- Maximum recommended surface area: 450 m²
- Thermal efficiency: up to 93%
- Maximum power: 2 x 172 W (344 W)
- Energy rating: A+
- Voltage: 230 V 50 Hz
- Communication: RF868 MHz, RS485 input, Modbus, Bluetooth, WiFi, 5 digital inputs (reversible), 2 LS inputs, 2 0-10V inputs, LED output.
- Maximum operating temperatures: -20°C / 40°C

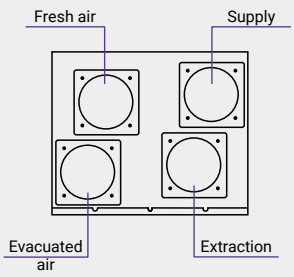
DIMENSIONS

Weight: 50 kg

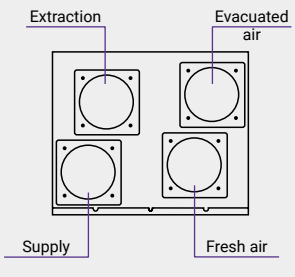




LEFT



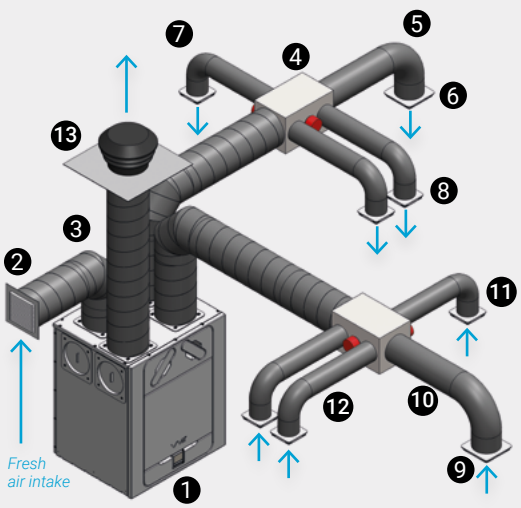
RIGHT



Complies with Eco-design directive 1253/2014 and energy labelling directive 1254/2014

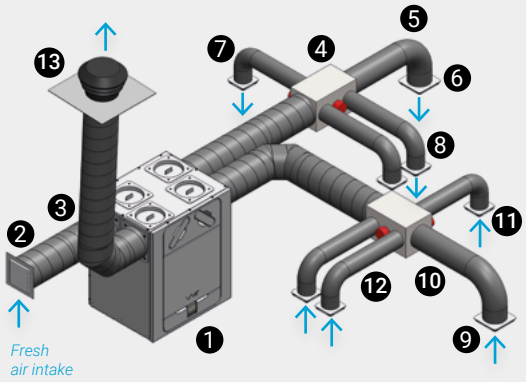
EXAMPLES OF A STANDARD SETUP

VERTICAL SETUP



1. Unit Eyota 600 CO2 LH - **1303.0006**
   Eyota 600 CO2 RH - **1303.0009**
2. Outdoor rainproof grille - *Not supplied*
3. Duct Ø 200 mm in PEE, aluminium or PVC insulated - *Not supplied*
4. Distribution plenum - *Not supplied*
5. Semi-rigid insulated duct to lounge, living room Ø 125 mm - *Not supplied*
6. Vent kit + sleeve Ø 125 mm - **102.0017**
7. Semi-rigid insulated duct to bedrooms Ø 80 mm - *Not supplied*
8. Vent kit + sleeve Ø 80 mm - **102.0016**
9. Vent kit + sleeve Ø 125 mm - **102.0017**
10. Semi-rigid insulated duct to kitchen Ø 125 mm - *Not supplied*
11. Vent kit + sleeve Ø 80 mm - **102.0016**
12. Semi-rigid insulated duct to bathroom/toilet Ø 80 mm - *Not supplied*
13. Roof outlet Ø 200 mm - *Not supplied*

HORIZONTAL SETUP

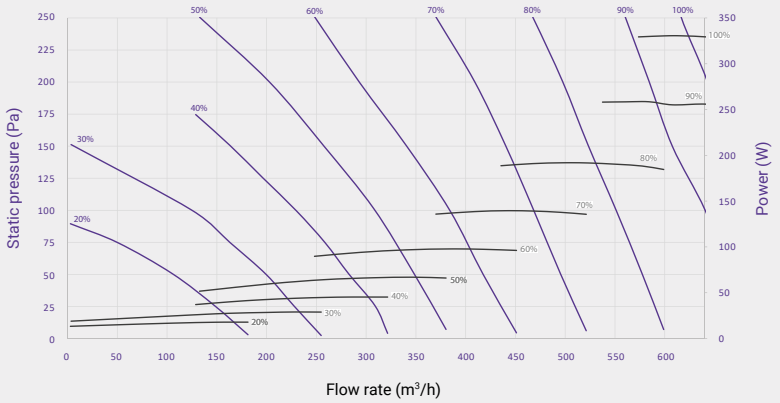


BOX CONTENTS

Description	Quantity
Eyota 600 CO2 module	1
Fine particle filter F7 - ePM2.5 70%	1
Pollen filter G4 - Coarse 60%	1
Wall-mounting bar	1

PERFORMANCE

Air flow rate in m^3/h	Load loss in Pa	Power input in W	SFP in W/m^3h
450	100	133	0.30
500	150	173	0.35
550	150	207	0.38
600	200	267	0.44



Air flow rate in m^3/h	Load loss in Pa	Sound power of supplied air in dB(A) (1)	Sound power of extracted air in dB(A) (1)	Radiated sound power in dB(A) (1)	Radiated sound pressure in dB(A) 1m (1)
350	50	64.2	48.1	52.1	44.8
450	100	69.3	51.3	59.4	51.5
550	150	72.6	54.8	60.2	52.2
600	200	74.8	58.6	73.0	63.9

(1)Sound power level determined according to the BS EN 13141-7:2021 standard, frequencies from 63 Hz to 8 kHz. Enclosure radiation and sound power level of the duct in LwA (A-weighted overall sound power level in dB(A), corrected for background noise)

ACCESSORIES

Description	Ref. no.
Set of 2 pollen filters G4 - Coarse 60%	1304.0055
1 pollen filter M5 - ePM10 50%	1304.0056
1 fine particle filter F7- ePM2.5 70%	1304.0057
Additional connection Ø 200 mm	1304.0058
Connection with foam Ø 200 mm	1304.0059
4-position wireless control - batteries - SSU-B - white	1304.0070
4-position wireless control - 230 V - SSU-R - white	1304.0074
4-position wired control - 230 V - SSU-W - white	1304.0075
Wireless temperature/humidity sensor - batteries - white	1304.0067
Temperature/humidity sensor RS485/RF868 - 230 V - white	1304.0066
CO_2 sensor RS485/RF868 - 230 V - white	1304.0068
CO_2 sensor - 0-10 V - white	1304.0064
Presence sensor RS485 & RF868 - 230 V - white	1304.0071

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