EYOTA 300

MORE TUTORIALS EYOTA



The Eyota 300 mechanical ventilation with heat recovery ensures optimal air quality in **homes up to 200 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% bypass

Description	Ref. no.
Eyota 300 CO2 LH	1303.0004
Eyota 300 CO2 RH	1303.0007

UP TO 300 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



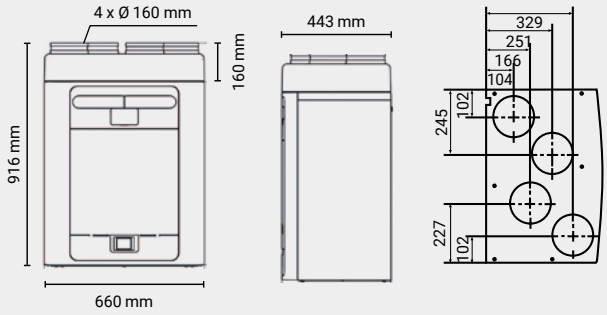
- Counterflow heat exchanger with up to 93% efficiency
- 100% bypass
- Integrated preheating system on the left (Eyota 300 CO2 LH) or right (Eyota 300 CO2 RH)
- Assisted configuration via the VA CONNECT mobile app
- 1.5 metre power cable

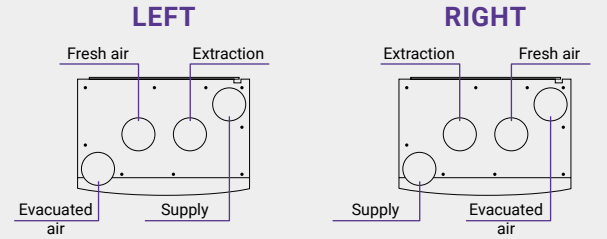
TECHNICAL DATA

- Maximum flow rate: 300 m³/h
- Maximum recommended surface area: 200 m²
- Thermal efficiency: up to 93%
- Maximum power: 2 x 82 W (164 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: 32 kg







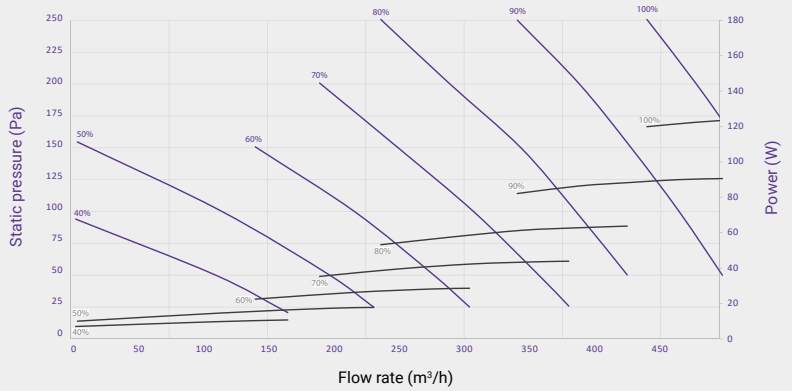
Complies with Eco-design directive 1253/2014 and energy labelling directive 1254/2014

EXAMPLE OF A STANDARD SETUP



PERFORMANCE

Air flow rate in m³/h	Load loss in Pa	Power input in W	SFP in W/m³h
150	50	21	0.14
200	50	33	0.17
200	100	42	0.21
250	100	60	0.24
250	150	71	0.28
300	100	88	0.29
300	150	99	0.33
300	200	113	0.38



Air flow rate in m³/h	Load loss in Pa	Sound power level of the supplied air in dB(A) (1)	Sound power level of the extracted air in dB(A) (1)	Radiated sound power in dB(A) (1)	Radiated sound pressure in dB(A) 1m (1)
100	25	48	38	41	33
150	100	59	51	49	51
200	100	65	52	56	48
250	150	68	57	60	52
300	100	72	59	62	54
300	150	74	60	64	56

(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)

BOX CONTENTS

Description	Quantity
Eyota 300 CO2 unit	1
Fine particle filter F7 - ePM2.5 70%	1
Pollen filter G4 - Coarse 60%	1
Wall-mounting bar	1

ACCESSORIES

Description	Ref. no.
Set of 2 pollen filters G4 - Coarse 60%	1304.0054
1 pollen filter M5 - ePM10 50%	1304.0061
1 fine particle filter F7- ePM2.5 70%	1304.0062
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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