

SITALI CX 550

Double flow centralised HRV

Compatible with:
SIOS
CONTROL



INTEGRATED PHYSICAL BYPASS

Ideal for "free cooling" operation during the summer



VERTICAL INSTALLATION

Suitable for wall installation in a vertical position.



AUTOMATIC CONTROL

The unit is supplied with a multi-function control panel and LCD display.



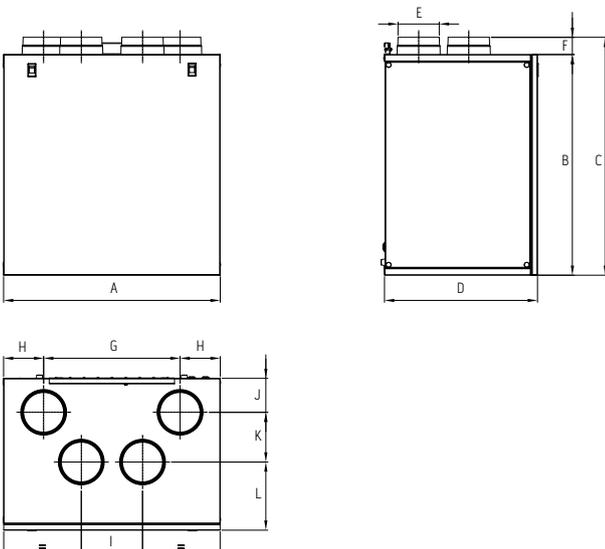
FEATURES

- External frame made of pre-coated RAL 9010 galvanized steel.
- Internal structure made of expanded polypropylene to reduce thermal bridges, noise emission and to ensure maximum seal.
- Energy-efficient external rotor EC motors. Featuring thermal protection and mounted on long-lasting ball bearings.
- Ultra-quiet and high-performance, balanced centrifugal fan with backward-curved blades coupled directly and dynamically balanced to the motor.
- Cross-flow, counterflow heat exchanger with high efficiency.
- Simplified electrical connection: the unit is supplied pre-wired.
- Removable front panel for access to the filters and exchanger.
- Supplied with ISO Coarse 60% (G4) filters that can be easily removed from the outside. The unit is also fitted with an ISO ePM1 60% filter (F7) on the air inlet.
- Automatic frost protection preventing ice formation on the inlet side of the heat exchanger.
- Double condensation drain that can be used based on climatic requirements.
- Left or right configuration for flexible installation

OPERATION

- 3-speed setting.
- Boost function.
- Holiday and Night Mode function.
- Weekly programming.
- Bypass control.
- Air flow balancing.
- Filter maintenance and fault indicator.
- Operating hours counter.
- Settings saving and upload.
- Connection of remote room sensors (humidity, CO2, etc.)
- ModBus interface.
- Connection to electric heating element before and after the ventilation unit.
- Water coil connection for heating.

LAYOUT, DIMENSIONS, WEIGHT

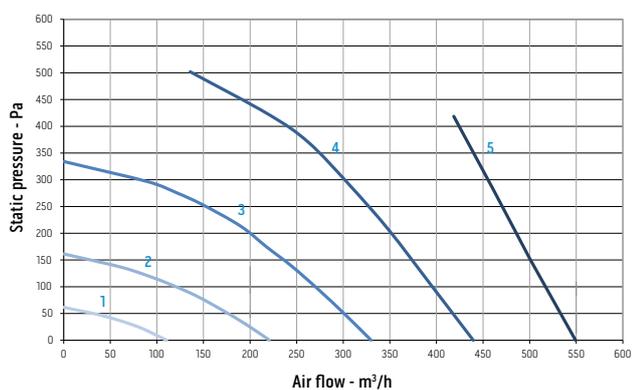


		SITALI CXVA 550
A	mm	778
B	mm	799
C	mm	860
D	mm	549
E	mm	148
F	mm	62
G	mm	490
H	mm	144
I	mm	220
J	mm	122.5
K	mm	180
L	mm	246.5
Weight	kg	44 kg

TECHNICAL DATA

		SITALI CXVA 550
PRODUCT CODE		99243
EAN CODE		8021183992434
Maximum flow rate @100 Pa	m ³ /h	520
Electrical power consumption (at the maximum flow rate)	W	333
SEC class (local demand control)		A
SEC class (central demand control)		A
SEC class (manual control - No demand control ventilation)		B
Thermal efficiency	%	82
Reference flow rate	m ³ /h	364
Reference pressure difference	Pa	50
Specific power consumption (SPI)	W/m ³ /h	0.412
Sound power level (LWA)	dB(A)	58
Electrical power supply		220-240V~ /50-60Hz
IP protection rating		IPX4
Sound pressure @3m(1)	dB(A)	34
Max room temperature	°C	+40

(1) Sound pressure level at 3m in free field, of the casing, speed 40%, indicated only for comparison purposes.

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	Speed %	W max	m ³ /h max
1	20	17	110
2	40	44	221
3	60	110	330
4	80	264	440
5	100	333	550

Inlet curves in accordance with European regulation 1253/2014 (Er P)



1. Air expulsion to exterior
 2. Air inlet from exterior
 3. Air supplied to interior
 4. Air extracted from interior
(Winter condensation drain)
(Summer condensation drain)
- LH flow direction