

SITALI CX 120

Double flow centralised compact HRV

Compatible with:
SIOS
CONTROL



COMPACT DIMENSIONS

The compact size makes the units each to install in any room.



FLEXIBLE INSTALLATION

The unit is reversible and can be installed on the wall in a vertical position, and horizontal position on the ceiling or false ceiling.



AUTOMATIC CONTROLS

Multi-function control panel.



FEATURES

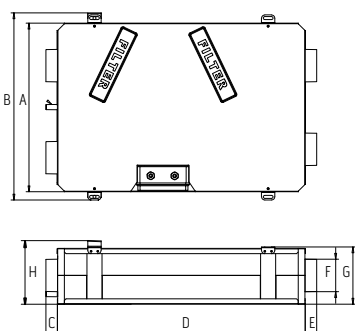
- External panels made of pre-coated RAL 9010 and made of galvanized steel.
- Main structure made of expanded polypropylene to reduce thermal bridges, noise emission and to ensure maximum seal.
- Energy-efficient external rotor EC motors. Featuring thermal protection and mounted on ball bearings for long service life.
- Ultra-quiet and high-performance centrifugal fan with backward-curved blades coupled directly and dynamically balanced to the motor.
- Cross-flow, counterflow heat exchanger with high efficiency.
- The pre-wired unit makes electrical connection easy.
- ISO Coarse 60% (G4) filters easily removable from the outside: no need to remove the access panel to perform maintenance operations. ISO ePM1 60% (F7) filter on request.
- Integrated condensation drain (winter only).
- Automatic frost protection prevents the formation of ice on the inlet side of the heat exchanger.

OPERATION

- The unit is supplied with a multi-function control panel, with the following control and connection options:
- 3-speed setting option (to be set during installation)
- BOOST activation
- Reset filter
- On/off
- Keypad lock
- Anti-frost activation indicator
- Fault indicator
- Filter replacement indicator
- Connection to remote room sensors (humidity, CO2, etc.)
- Modbus interface.

LAYOUT, DIMENSIONS, WEIGHT

Sitali CXRA 120



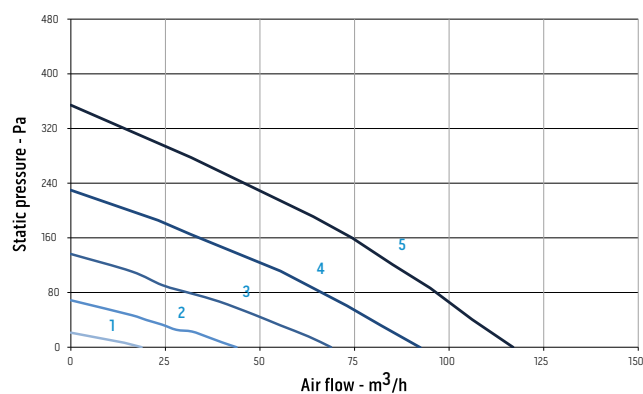
		SITALI CXRA 120
A	mm	504
B	mm	559
C	mm	34
D	mm	741
E	mm	34
F	mm	97
G	mm	171
H	mm	190
Weight	kg	11,5 kg

TECHNICAL DATA

		SITALI CXRA 120
PRODUCT CODE		99250
EAN CODE		8021183992502
Maximum flow rate @100 Pa	m ³ /h	91
Electrical power consumption (at the maximum flow rate)	W	58
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	64
Reference pressure difference	Pa	50
Specific power consumption (SPI)	W/m ³ /h	0.391
Sound power level (LWA)	dB(A)	50
Electrical power supply		220-240V/50-60Hz
IP protection rating		IPX4
Sound pressure @3m(1)	dB(A)	18
Max room temperature	°C	+40

(1) Sound pressure level at 3m in free field, of the casing, speed 40%, indicated only for comparison purposes. Energy efficiency classes refer to a range between A+ and G.

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

	Speed %	W max	m ³ /h max
1	20	9	22
2	40	13	48
3	60	20	71
4	80	32	96
5	100	56	114

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1. Air inlet from exterior
2. Air expulsion to exterior
3. Air supplied to interior
4. Air extracted from interior
5. Condensation drain (winter)