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 reversible CXRA version can be installed on the wall in a vertical position, and horizontal position on the ceiling or false ceiling (the CXVA version can only be installed in the vertical position).

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.
- 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, CO_2, etc.)
- Modbus interface.


LAYOUT, DIMENSIONS, WEIGHT

Sitali CXRA 120
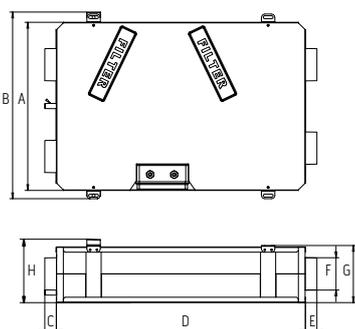
Sitali CXVA 120
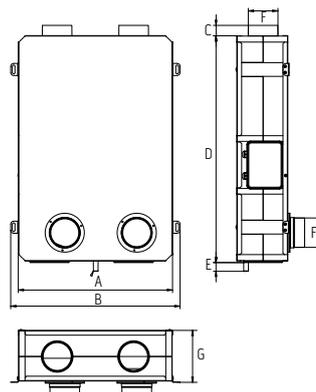
		SITALI CXRA 120	SITALI CXVA 120
A	mm	504	504
B	mm	559	553
C	mm	34	34
D	mm	741	746
E	mm	34	29
F	mm	97	97
G	mm	171	171
H	mm	190	-
Weight	kg	11,5 kg	11,5 kg

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TECHNICAL DATA

TECHNICAL DATA		SITALI CXRA 120	SITALI CXVA 120
PRODUCT CODE		99250	99249
EAN CODE		8021183992502	8021183992496
Maximum flow rate @100 Pa	m3/h	91	102
Electrical power consumption (at the maximum flow rate)	W	58	58
SEC class (local demand control)		A	A
SEC class (central demand control)		A	A
SEC class (manual control - No demand control ventilation)		B	B
Thermal efficiency	%	82	82
Reference flow rate	m3/h	64	71
Reference pressure difference	Pa	50	50
Specific power consumption (SPI)	W/m3/h	0.391	0.352
Sound power level (LWA)	dB(A)	50	50
Electrical power supply		220-240V~/50-60Hz	220-240V~/50-60Hz
IP protection rating		IPX4	IPX4
Sound pressure @3m(1)	dB(A)	18	18
Max room temperature	°C	+40	+40

(1) Sound pressure level at 3m in free field, of the casing, speed 40%, indicated only for comparison purposes.
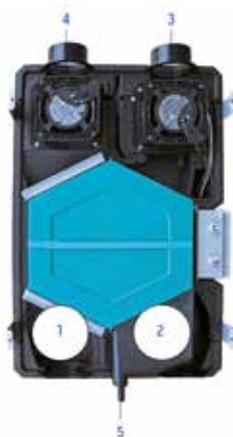
SITALI CXRA 120
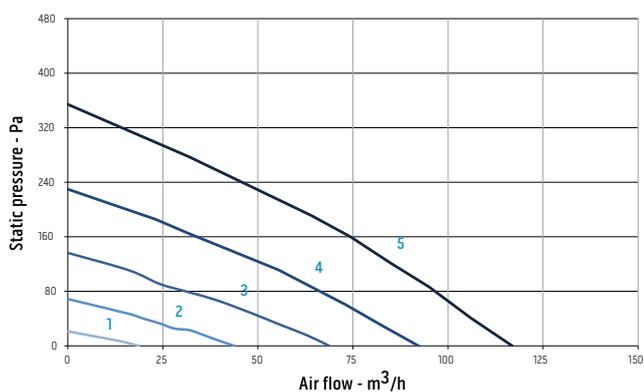
SITALI CXVA 120

	Speed %	W max	m³/h max
1	20	9	22
2	40	13	48
3	60	20	71
4	80	32	96
5	100	56	114
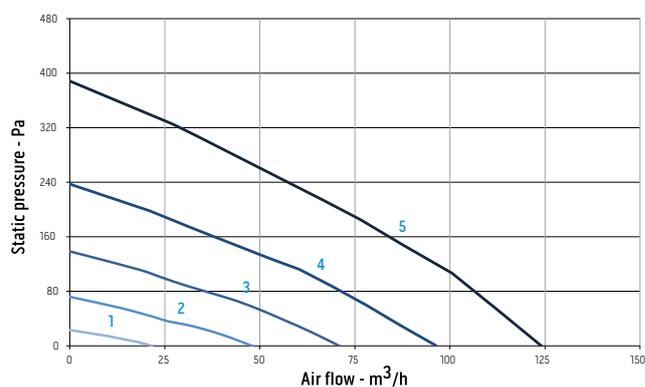
	Speed %	W max	m³/h max
1	20	9	22
2	40	13	48
3	60	20	71
4	80	32	96
5	100	58	124

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

Sitali CXRA 120

Sitali CXVA 120

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