

SITALI CX 280

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.



MANUAL OR AUTOMATIC CONTROLS

Sitali CXVA 280 features a multi-function control panel with LCD display (see image on the side). Sitali CXVM 280 does not have controls and must be combined with an S-type control (simplified, one of codes B1061, B1062, B1063).



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 easily removable ISO Coarse 60% (G4) filters. ISO ePM1 55% filter (F7) on request.
- 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

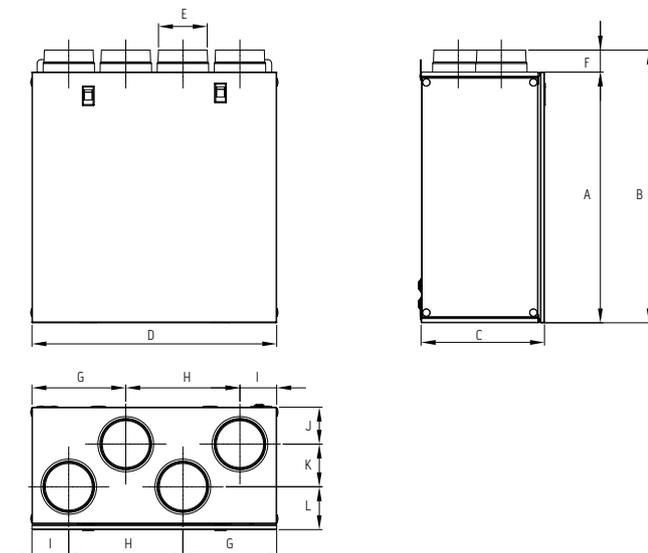
Version with CXVA 280 automatic control

- 3-speed setting and selection.
- Boost function.
- Holiday and Night Mode function.
- Weekly programming.
- By-pass control
- Air flow balancing.
- Filter maintenance and fault indicator.
- Hour count indicator
- Settings savings and uploading.
- Connection to remote room sensors (humidity, CO2, etc.)
- ModBus interface.
- Connection to electric heating element before and after the ventilation unit.
- Connection to water heating coil

Version with CXVM 280 manual control

- Three-speed operation with simplified external S-type control, which also allows manual activation of the bypass.

LAYOUT, DIMENSIONS, WEIGHT

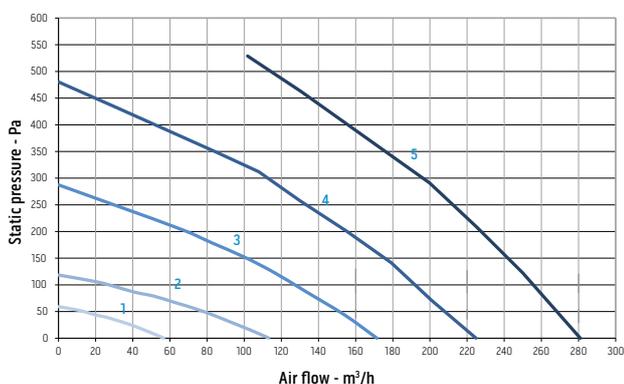


		SITALI CXVA 280	SITALI CXVM 280
A	mm	610	610
B	mm	665	665
C	mm	298	298
D	mm	592	592
E	mm	125	125
F	mm	55	55
G	mm	227	227
H	mm	276	276
I	mm	89	89
J	mm	90	90
K	mm	104	104
L	mm	104	104
Weight	kg	21,4 kg	23 kg

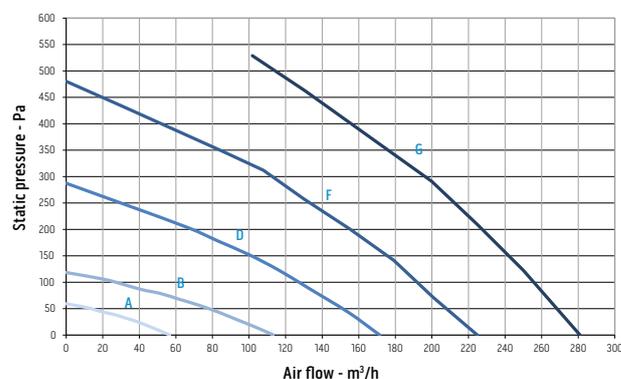
TECHNICAL DATA

		SITALI CXVA 280	SITALI CXVM 280
PRODUCT CODE		99246	99245
EAN CODE		8021183992465	8021183992458
Maximum flow rate @100 Pa	m ³ /h	256	256
Electrical power consumption (at the maximum flow rate)	W	160	160
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	%	83	83
Reference flow rate	m ³ /h	179	179
Reference pressure difference	Pa	50	50
Specific power consumption (SPI)	W/m ³ /h	0.385	0.385
Sound power level (LWA)	dB(A)	56	56
Electrical power supply		220-240V~/50-60Hz	220-240V~/50-60Hz
IP protection rating		IPX2	IPX2
Sound pressure @3m(1)	dB(A)	27	27
Max room temperature	°C	+40	+40

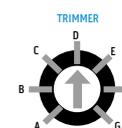
(1) Sound pressure level at 3m in free field, of the casing, speed 40%, indicated only for comparison purposes.

SITALI CXVA 280


	Speed %	W max	m ³ /h max
1	20	13	57
2	40	25	113
3	60	51	172
4	80	98	225
5	100	167	281

SITALI CXVM 280


Trimmer Position	Speed %	W max	m ³ /h max
A	20	13	57
B	40	17	88
C	53	25	113
D	60	41	153
E	70	51	172
F	80	100	225
G	100	167	281



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



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