

**HEAT RECOVERY VENTILATION UNIT**

# SITALI CX 120



Flow rate	<b>91 m<sup>3</sup>/h</b>
Type	<b>ducted</b>
Technology	<b>cross-flow heat recovery</b>
Installation	<b>vertical   horizontal</b>



### Installation versatility

The small footprint makes the unit easy to install in any room, either vertically on a wall or horizontally on a ceiling or counter-ceiling. The unit is also supplied pre-wired to make electrical connection easier.

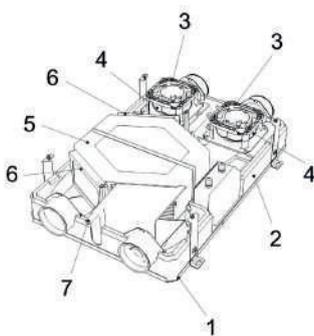
### Dual-flow heat recovery unit

Heat from the air extracted from inside the rooms is transferred to the fresh air supplied from outside, reducing the activation of the heating system and improving the building's energy performance.



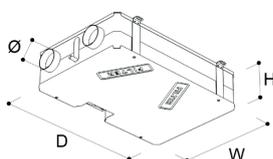
-  **Air Replacement**
-  **Antifrost**
-  **Holiday**
-  **Filter Cleaning Signal**
-  **Silent Mode**
-  **Turbo**

### LAYOUT



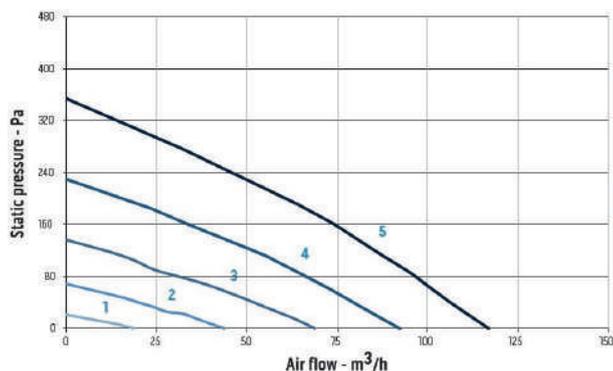
1. External panel in galvanised and pre-painted steel RAL 9010
2. Expanded polypropylene structure to reduce thermal bridges and sound emission, while ensuring maximum airtightness
3. Energy-efficient external rotor EC motors, equipped with thermal protection and mounted on ball bearings to ensure long life
4. Centrifugal-type fan with dynamically balanced backward-curved blades, coupled to the motor
5. High-efficiency cross-flow, counter-current heat exchanger
6. ISO Coarse 0% (G4) filters, removable from outside (no need to remove the access panel for maintenance)
7. Integrated condensate drain (winter only)

### DIMENSIONS AND WEIGHT



		<b>120</b>
W	mm	559
H	mm	171
D	mm	741
Ø	mm	97
WEIGHT	kg	<b>11,5</b>

## SUPPLY BENDS



	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

Input curves in accordance with European Regulation 1253/2014 (ErP)

## COMPATIBLE ACCESSORIES

EXTERNAL DISTRIBUTION	EXTERNAL DISTRIBUTION		
	B1065	Ø100mm ABS external grille	
	B1066	Ø125mm ABS external grille	
	B1068	Flex ALU ISO Ø127mm	
	B1074	Ø125mm wall passage	
	B1103	Ø100mm telescopic pipe	
	B1104	Ø125mm telescopic pipe	
	B1110	EPE pipe DN125 L=2m	
	B1111	EPE 90 bend DN125	
	B1112	EPE coupling DN125	
	B1113	EPE collar DN125	
	INTERNAL DISTRIBUTION	INTERNAL DISTRIBUTION	
		B1058	E-I design vent Ø80mm
B1055		E-I design vent Ø100mm	
B1056		E-I design vent Ø125mm	
B1057		E-I design vent Ø150mm	
B1070		FT-White grille 200x100mm	

INTERNAL DISTRIBUTION	INTERNAL DISTRIBUTION	
	B1072	FT-White grille 300x100mm
	B1071	FT-Metal grille 200x100mm
	B1073	FT-Metal grille 300x100mm
	B1059	Flex HDPE 75/63
	B1054	FLEX HDPE 75/63 90° adaptor
	B1076	Blue HDPE 75/63 FLEX hooks
	B1077	Red HDPE 75/63 FLEX hooks
	B1078	FLEX HDPE 75/63 90° bend
	B1087	FLEX HDPE 75/63 coupling
	B1088	O-Ring FLEX HDPE 75/63
	B1095	Plenum P Ø125mm - 4 outlets (for Flex HDPE)
	B1096	Plenum P Ø125mm - 6 outlets (for Flex HDPE)
	B1094	Plenum P Ø125mm - 10 outlets (for Flex HDPE)
	B1092	Plenum L 200x100mm - 1 coupling (for Flex HDPE)
	B1093	Plenum L 300x100mm - 2 couplings (for Flex HDPE)

INTERNAL DISTRIBUTION	INTERNAL DISTRIBUTION	
	B1101	Plenum P 200x100mm - 1 coupling (for Flex HDPE)
	B1102	Plenum P 300x100mm - 2 couplings (for Flex HDPE)
	B1091	Plenum LCS 200x100mm - 1 coupling (for Flex HDPE)
	B1089	Plenum L 140x140mm - 1 coupling (for Flex HDPE)
	B1090	Plenum L 200x200mm - 2 couplings (for Flex HDPE)
	B1097	Plenum P 140x140mm - 1 coupling (for Flex HDPE)
	B1100	Plenum P 200x200mm - 2 couplings (for Flex HDPE)
	B1106	CAL80 damper
	B1107	METAL EST 125 valve

FILTRATION	FILTRATION	
	B1108	PP EST-MM 125 valve
	B1109	METAL IMM 125 valve

B1060	F7 filter box
B1079	F7 filter
B1080	G4 filter

## TECHNICAL DATA

		Sitali CXRA 120
<b>Product code</b>		99250
<b>EAN code</b>		8021183992502
Hole diameter	mm	97
Maximum flow rate @100 Pa	m³/h	91
Electrical power consumption (at the maximum flow rate)	W	58
SEC class (local demand control) (1)	(1)	A
SEC class (central demand control) (1)	(1)	A
SEC class (manual control - No demand control ventilation) (1)	(1)	B
Thermal efficiency	%	82
Reference flow rate	m³/h	64
Reference pressure difference	Pa	50
Specific power consumption (SPI)	W/m³/h	0.391
Sound power level (LWA)	dB(A)	50
Electrical power supply		220-240V~/50-60Hz
IP protection rating		IPX4
Sound pressure @3m (2)	(2) dB(A)	18
Room temperature (max)	°C	+40

(1) Energy efficiency classes refer to a range between A+ and G.

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