NEW

HEAT RECOVERY VENTILATION UNIT

SITALI DF 100

[S1]

Flow rate	**97 m³/h**
Type	**punctual**
Technology	**cross-flow heat recovery**
Installation	**vertical**

BMS SiOS

Dual-flow heat recovery unit

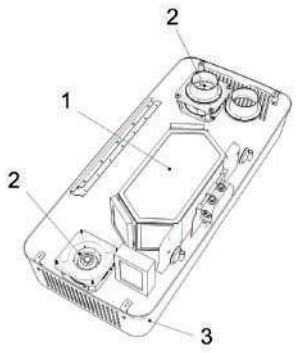
Heat from the air extracted from inside the rooms is transferred to the fresh air supplied from outside, reducing the activation of the heating system and improving the building's energy performance.

Service continuity and improved air quality

It uses two fans to extract stale indoor air and supply fresh outdoor air, avoiding interruptions and improving the purification of micro-dusts and indoor pollutants, thanks to the absence of air bypass between supply and exhaust.

- **Air Replacement**
- **Filter Cleaning Signal**
- **Humidity Sensor**
- **Turbo Mode**

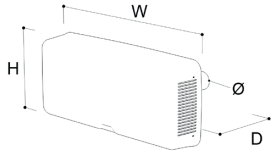
LAYOUT



1. Dual-flow heat exchanger
2. Fan with EC Brushless Electric Motor
3. Plastic shell

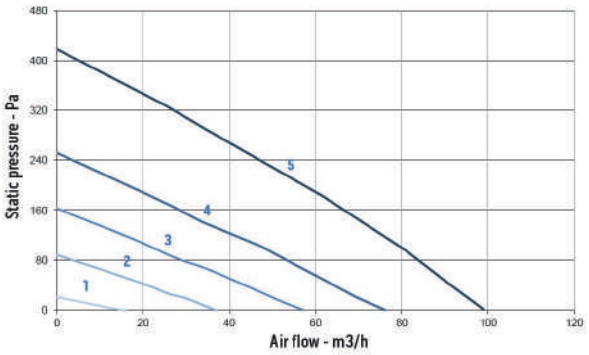
- Built-in humidity sensor

DIMENSIONS AND WEIGHT



		100
W	mm	1060
H	mm	475
D	mm	213
Ø	mm	100
WEIGHT	kg	12,5

SUPPLY BENDS



	Speed %	W max	m³/h max
1	20	7	16
2	40	12	37
3	60	22	57
4	80	37	76
5	100	58	97

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

COMPATIBLE ACCESSORIES

CONTROLS	B1061	Control-S 2 recessed modules
	B1062	Control-S 3 recessed modules
	B1063	Wall-mounted control

EXTERNAL DISTRIBU-TION	B0837	Telescopic pipe
	B0838	External grille

NEW

TECHNICAL DATA

			Sitali DF 100 S1
Product code			99188
Hole diameter		mm	100
Maximum flow rate @100 Pa		m3/h	97
Electrical power consumption (at the maximum flow rate)		W	58
SEC class (local demand control) (1)	(1)		A
SEC class (manual control - No demand control ventilation) (1)	(1)		B
Thermal efficiency		%	87
Reference flow rate		m3/h	97
Reference pressure difference		Pa	10
Specific power consumption (SPI)		W/m3/h	0.515
Sound power level (LWA)		dB(A)	56
Electrical power supply			220-240V~/50-60Hz
IP protection rating			IPX4
Sound pressure @3m (2)	(2)	dB(A)	29
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.