

# SITALI DF100 Pure

SITALI DF100 PURE Cod. 99360

Dual cross-flow, de-centralised **C**ontrolled **M**echanical **V**entilation with heat recovery for automatic exchange and purification of the air.



## FEATURES

- Energy class: **A**
- EC Brushless Motor
- Enthalpic cross-flow heat exchanger, composite material
- F7 anti-pollen filter in introduction, for purification
- G4 filter in extraction
- Control on the machine and remote control unit
- Filters replacement LED signal
- Night time/hyperventilation function



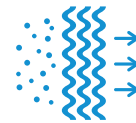
### SILENT FUNCTION

Only **18,6 dB (A)**  
Optimised for continuous 24/24h operation



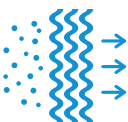
### COMPACT TECHNOLOGY

Compact unit with reduced clearance and consequent easy transport, installation and maintenance.



### FILTERS F7 AND G4

The machine is fitted with the F7 anti-pollen filter in introduction mode and G4 filter in extraction



### F7 ANTI-POLLEN FILTER FOR PURIFICATION OF INDOOR AIR

The indoor air is filtered by the special F7 filter, which can stop fine dusts such as PM10 and PM2.5, pollens and other pollutants harmful to health. The special F7 anti-pollen filter stops up to 90% of 0.4µ particles with dimensions six times finer than PM2.5.



### PROTECTION FROM:



MOULD



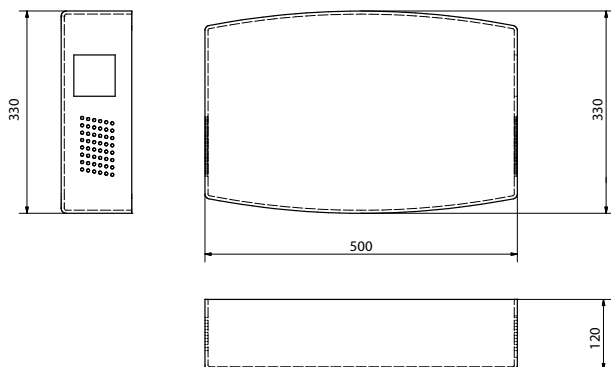
POLLEN



HUMIDITY



FINE DUSTS



TECHNICAL DATA	SITALI DF100 Pure
Product code	99360
Hole diameter mm	100
Energy class	A
Flow rate adjustment	4 speed
Air flow rate m <sup>3</sup> /h	31/22/17/10
Sound pressure db(A)	36,6/29,7/23,8/18,6
Sound power (according to UNI 3744:2010)	44,6/37,7/31,8/26,6
Max. thermal	86%
Filters (introduction/extraction)	F7 / G4
Heat exchanger	Enthalpic cross-flow
Power supply voltage	230V - 50Hz - 1pH
Absorbed current max	0,68 A
Input power W	16,5/9/6,5/4,6
Mq treated	25m <sup>2</sup>
Weight	6,5 Kg



## EXTERNAL GRIDS

Sitali DF100 Pure is supplied with a standard Ø100 mm ducting kit, for easy and quick installation, with flexible vents that can be installed from inside the building.



Control on the machine



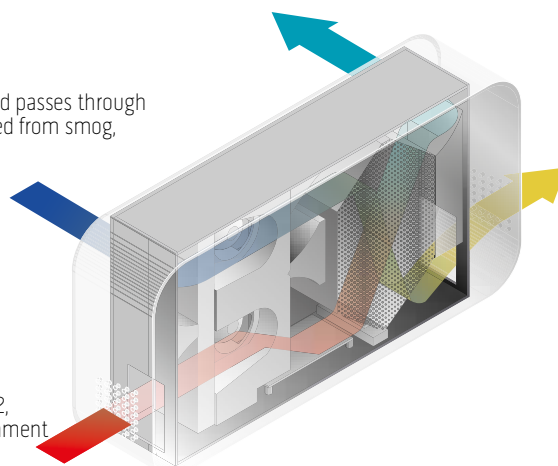
Remote control unit as per standard

**Code B0854 - Sitali DF100 Pure, F7 and G4 filters kit**  
Kit for replacing F7 and G4 filters (present as per standard in the machine)

## OPERATING LAYOUT

The stale air coming from closed rooms is expelled outdoors.

The fresh air enters from outdoors and passes through the special F7 filter, where it is purified from smog, dusts, pollens and pollutants present in the outdoor air.



The heat exchanger heats the clean air entering, recovering up to 86% of the heat contained in the stale air heated by the plants.

The stale air, full of humidity and CO<sub>2</sub>, is withdrawn from the indoor environment and made to flow through the heat exchanger, where it transfers its heat to the fresh air entering.