SITALI SFE 100 S1

Compatible with: SiOS CONTROL

Decentralized Heat Recovery Ventilation with continuous single flow.

SILENT FUNCTION

The most silent: only <9dB(A). Optimized for continuous 24/24h operation.

AIR EXCHANGE

Decentralized HRV unit with continuous single flow, Ø100 mm, with very low energy consumption, for replacing stale air in the humid environments with maximum acoustic comfort. Ideal for preventing problems of condensation and mould, which inevitably damage the structure and compromise the health of the occupants.

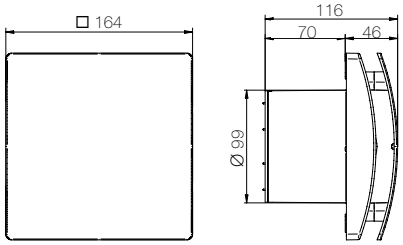
HUMIDITY DETECTION

The unit is equipped with a humidity detection probe which works in automatic mode. If there is a sudden increase in the humidity rate and the relative humidity value exceeds 65% the unit works at intermediate speed and after the humidity level stabilises, it continues to work at intermediate speed for a fixed time of 5 minutes. The humidistat function can be activated via dip switch.

FEATURES

- Top quality ABS structure
- High-efficiency aerodynamic fan
- EC brushless motor with thermal protection
- Integrated humidity sensor (see manual for operation)
- Automatic timer with shutdown delay (see manual for operation).
- Elegant design with minimalist lines
- Front cover; easy to remove for cleaning, without the use of tools
- Aerodynamic deflectors
- Very low energy consumption
- 3 ventilation speeds available

DIMENSIONS AND TECHNICAL SPECIFICATIONS



TECHNICAL DATA	
PRODUCT CODE	99231
Hole diameter mm	100 (110 with telescopic tube)
Air flow rate m³/h	max 102 - min 17
Absorption W	max 4,5 - min 0,9
Sound level* dB(A)	max 37 - min 9
Max room temperature °C	40
Degree of protection IP (wall installation)	IPX4
Weight kg	0,6
M² treated**	8 m²

220-240 V ~ 50-60Hz aeraulic performance measured according to ISO 5801 at 230V 50Hz, air density 1.2 Kg/m3 - data measured in TÜV Rheinland accredited laboratory
* sound pressure level at 3m in free field
**Maximum treated area for civil dwellings (regulatory reference UNI 10339:1995) considering 90 m3/h as max flow rate, 10 Pa prevalence and a room height of 2.7 m.