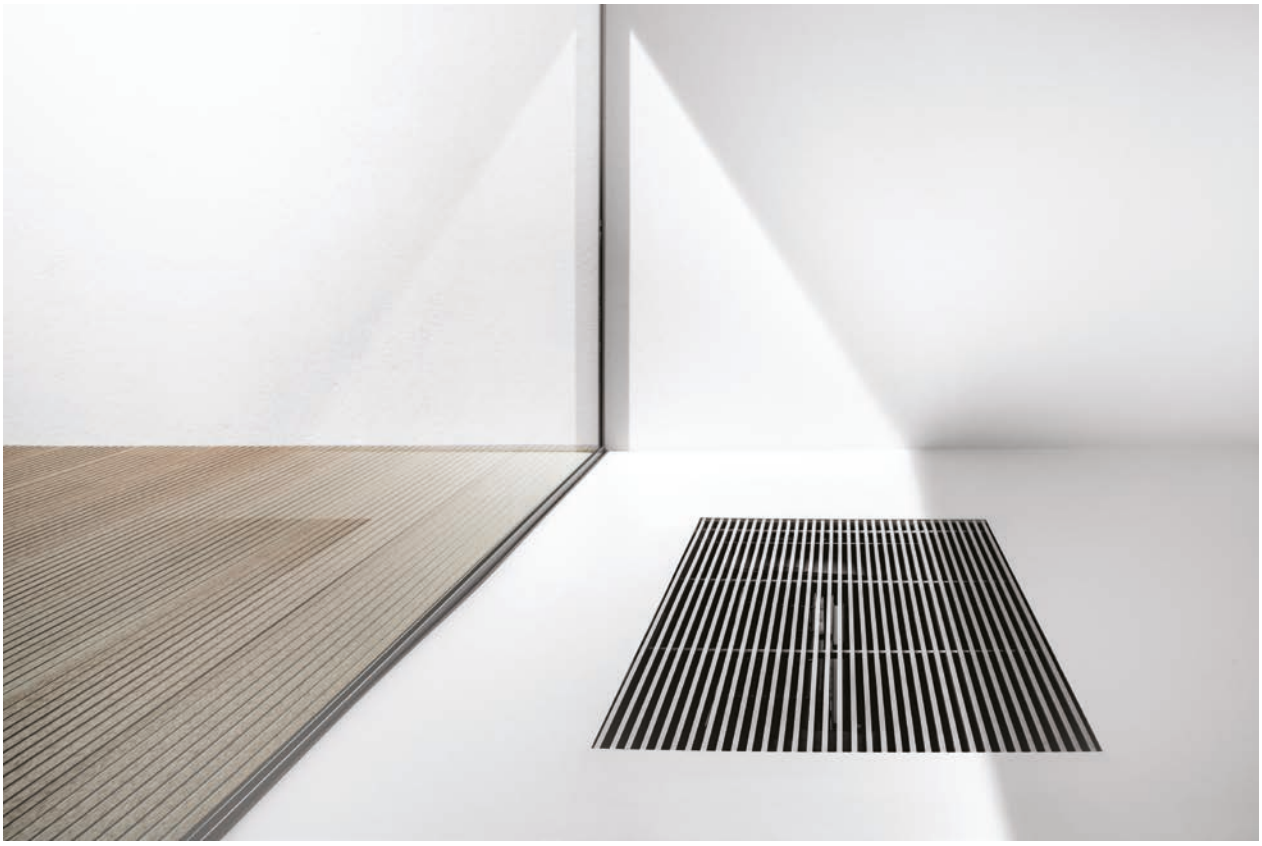
innova

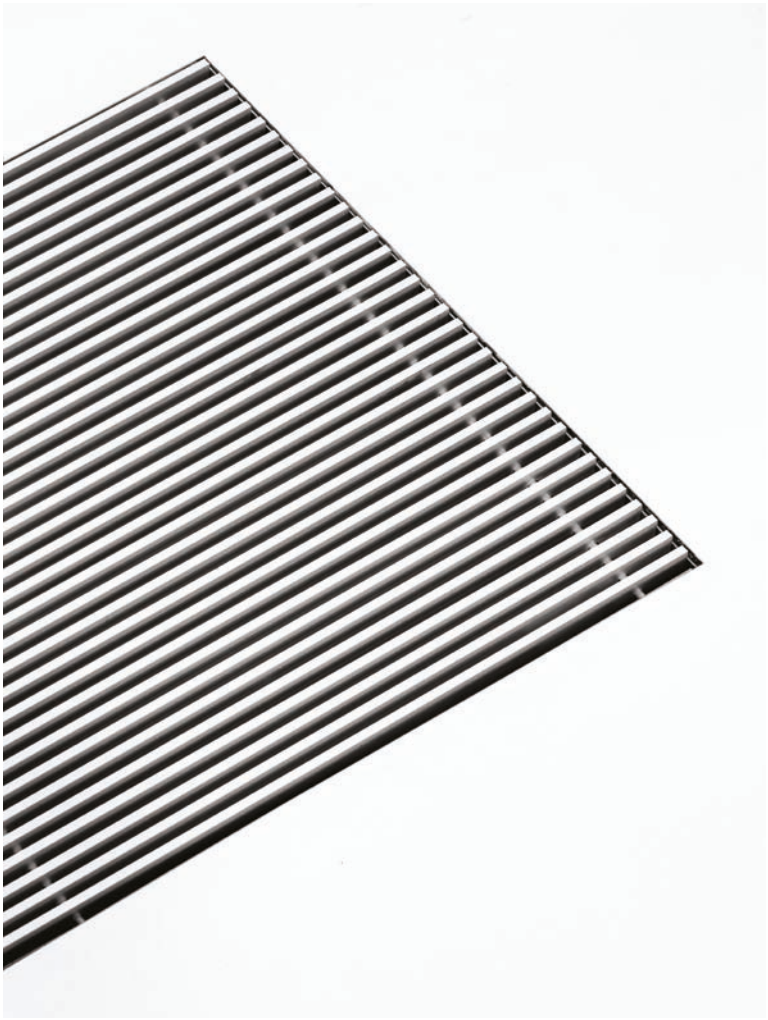
Filoterra

Podni
ventilokonvektor

Tiha i nevidljiva,
čista udobnost.


AUTO





Filoterra podna ventilokonvektor u stanju je stvoriti komfornu toplinsku zračnu barijeru.

U mnogim je arhitektonskim situacijama, posebno sobama sa stropnim prozorima ili vrlo izloženim zidovima, važno suprotstaviti se ljetnoj vrućini koja se zračenjem prenosi unutar soba ili dosadnim hladnim strujama koje nastaju zimi na zidovima.

Tradicionalna rješenja, poput klima uređaja koji se ugrađuju ispred prozora, često nisu kompatibilna s dizajnom soba, ali su zasigurno i manje učinkovita.

Tri modela

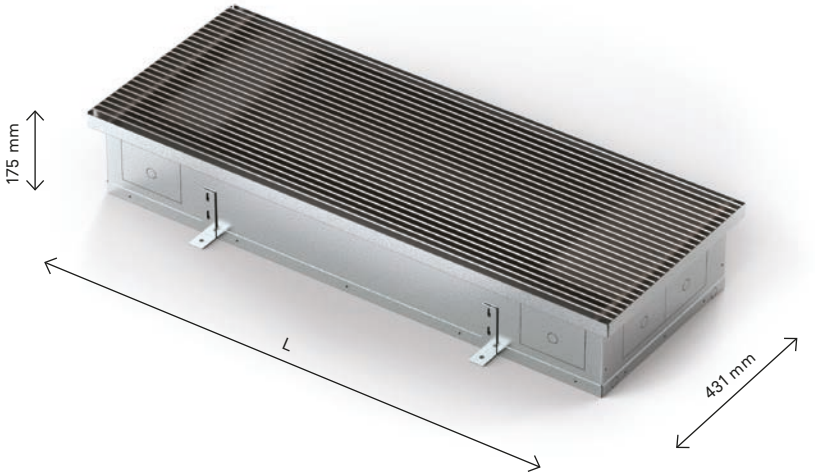
SLF **400**	SLF **600**	SLF **800**
1,1 kW	**1,6 kW**	**2,3 kW**
L ‹853 mm›	L ‹1053 mm›	L ‹1253 mm›

DC Inverter

3

3 različite veličine

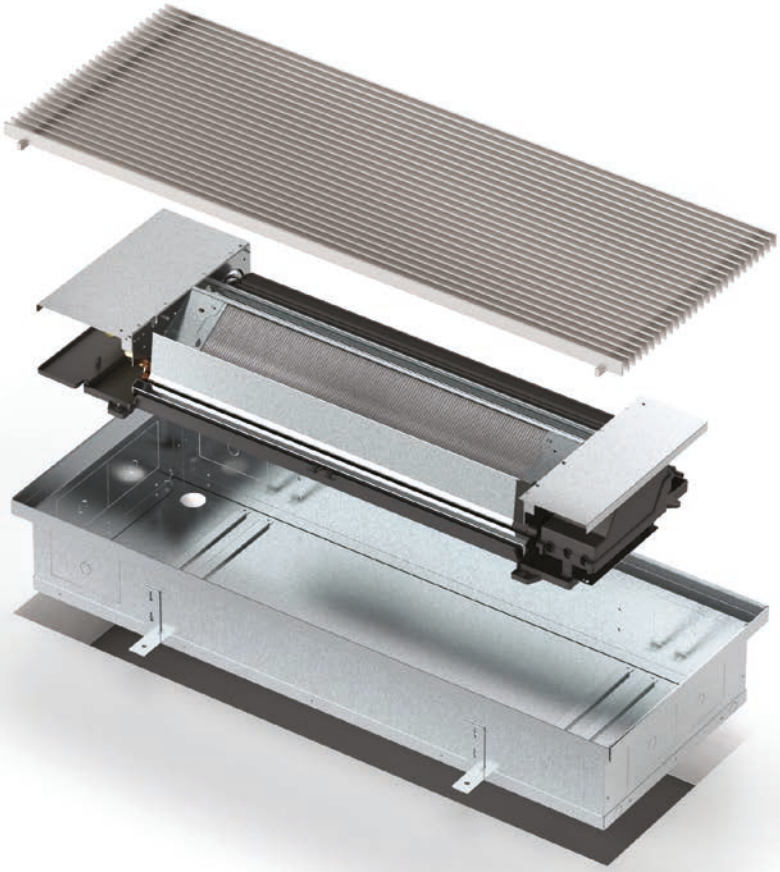
189mm visine



A barrier of air that contrasts and neutralizes summer heat and cold currents.

INNOVA presents Filoterra, the new range of DC Inverter fancoils to be built into the floor, able to generate a real air barrier that fully preserves the ambient from any unrequested intrusion of cold or warm air for a thermal comfort.

Compared with standard solutions already on the market, Filoterra is characterized by more compact design and lower dimensions, therefore with a smaller footprint with the same power supplied.



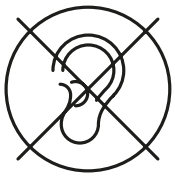
Floor cover grill.

Fancoil.

Metal casing for built in installation.

OPEN WINDOW

The “Open window” input allows the fancoil to turn off automatically when the window is opened and restart when the windows is closed again.

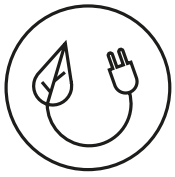


NOISELESS

Like all INNOVA products, even Filoterra ensures perfect silence of operation.

ETHERNET / DOMOTICS

With Filoterra it is possible to configure fancoil networks to control them from a remote location, also setting a weekly time zone calendar, creating zone scenarios, etc.



DC INVERTER

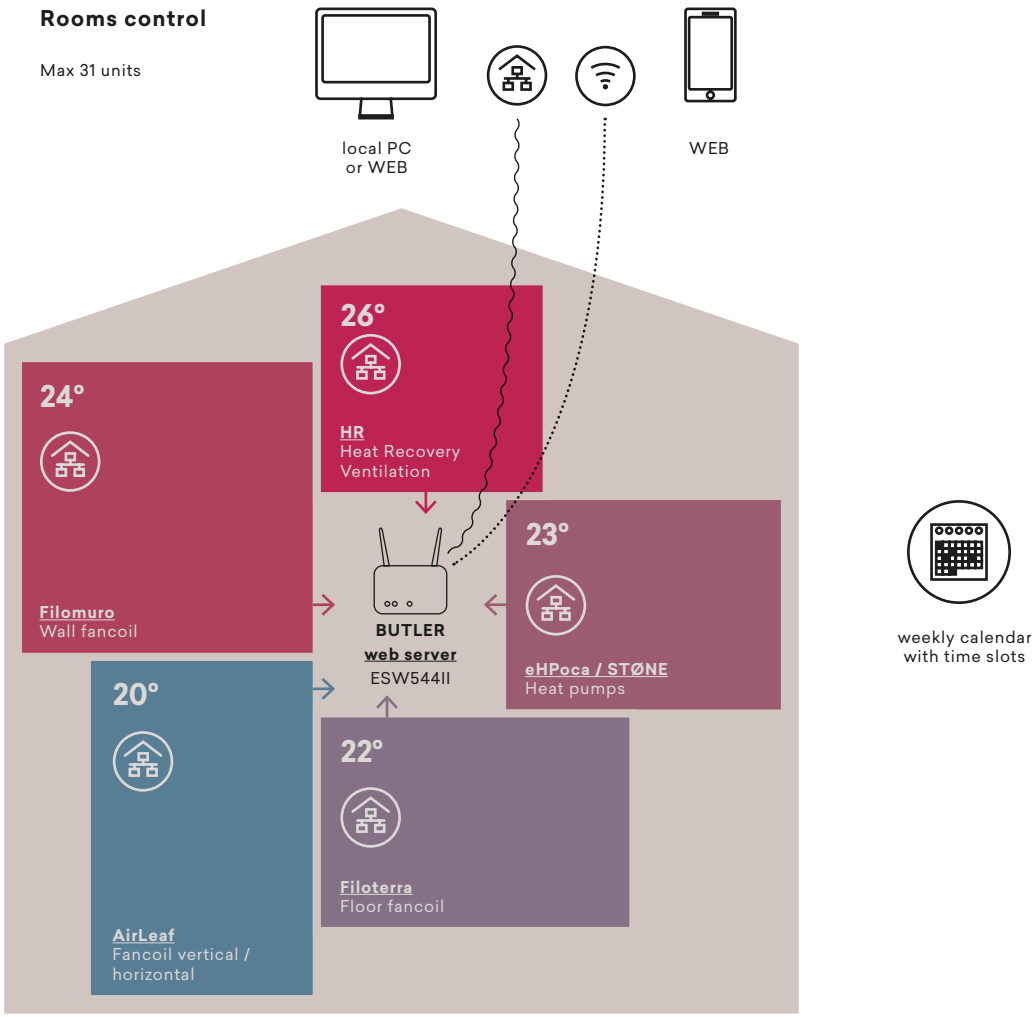
Thanks to the DC Inverter technology, Filoterra has extremely low electrical consumption and perfect stability of functioning.

BUTLER,
the advance control.

The BUTLER web server is the system that INNOVA has developed to control an entire winter and summer air conditioning system from a local and remote network.

BUTLER allows to connect, through a serial network, the heat pump, the heat recovery ventilation and the fancoils INNOVA.

BUTLER is complete, simple and intuitive at the same time, it is possible to set a weekly calendar with time slots, change the settings so that the house is at the right level of comfort when is needed.



Machine body models and product combinations.

FOR CONNECTION WITH WALL CONTROLS - MODULATING FAN SPEED

SLF400-0S00 ‹ 790 ›
SLF600-0S00 ‹ 990 ›
SLF800-0S00 ‹ 1190 ›

- Logic PI
- Touch interface
- Modulating speed
- Command up to 3' units
- Not included
- Modbus RS485 for BUTLER o bms connection

cod: **ECA649II**

cod: **ECB649II**

cod: **EWF649II**

cod: **EWB649II**

FOR CONNECTION WITH WALL CONTROLS - FIXED FAN SPEED

SLF400-0T00 ‹ 790 ›
SLF600-0T00 ‹ 990 ›
SLF800-0T00 ‹ 1190 ›

B3V151II
Wall control with thermostat, summer/winter selector and speed selector in connection with B4V642II.
Not included

B3V152II
Wall recessed control with thermostat, selector summer/ winter and speed selector in connection with B4V642II
Not included

Other commercial thermostats

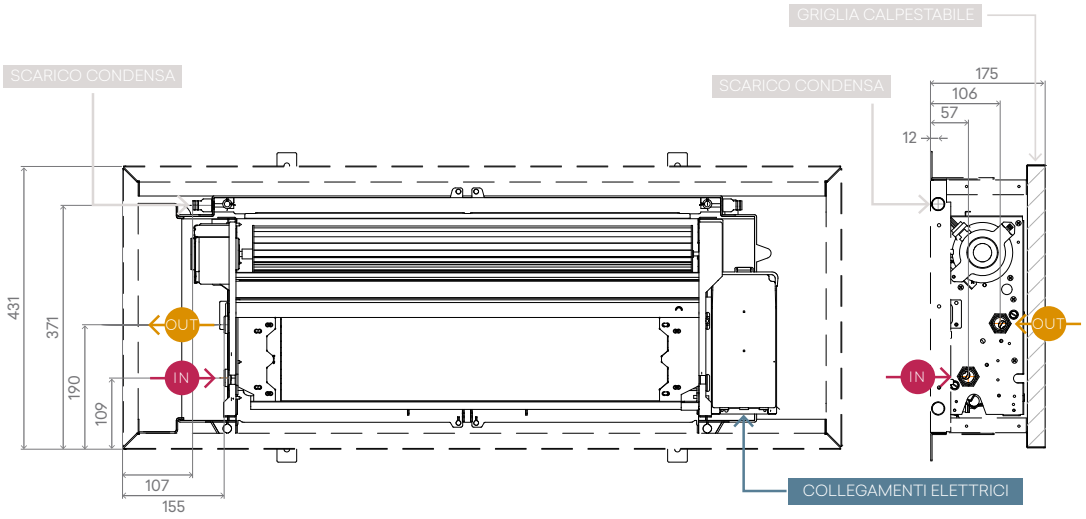
FOR CONNECTION WITH 0-10 V INPUT

SLF400-0V00 ‹ 790 ›
SLF600-0V00 ‹ 990 ›
SLF800-0V00 ‹ 1190 ›

Analogue input 0-10V

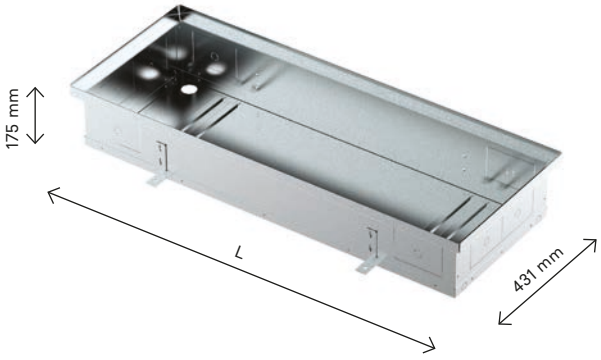
Note: The measures indicated are of the machine body excluding the casing

Hydraulic connections



Installation accessories

Metal casing for built in installation



Description

This accessory consists of a galvanized sheet casing designed to be inserted into the floor and in which to house the terminal. This device is equipped with the pre-cuts necessary for the passage of the hydraulic pipes and for the electric cables. The structure is coupled to the built-in coverage grid described below.

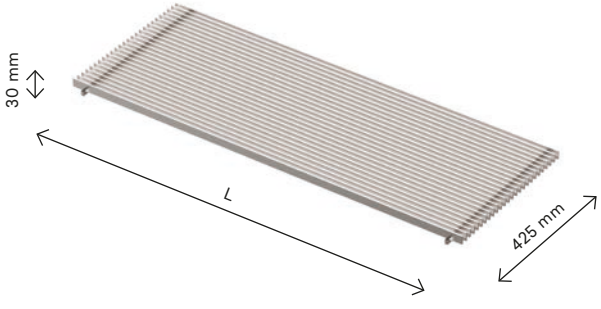
Function

This accessory is positioned during the masonry works and allows to prepare the water and electrical connection for the subsequent installation of the terminal. The extremely low depth allows it to be placed even on floors with reduced thickness.

Model and codes

SLF400	SLF600	SLF800
L00749II	L00750II	L00751II
L	L	L
❮ 853 mm ❯	❮1053 mm ❯	❮1253 mm ❯

Floor covering grid



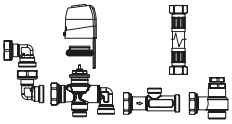
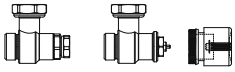
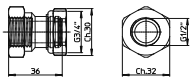
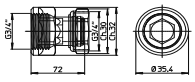
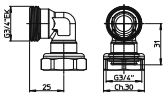
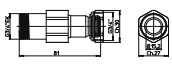
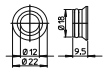
Description

The floor covering grid is walkable and is designed for perfect coupling with the recessed formwork of the same size. It consists of a removable grid for cleaning the air filters and a fixed deflector for the distribution of the air flow in the environment. The grill is easily removable for a quick and complete maintenance of the appliances. The aesthetic finishes are of high standard for a perfect integration into the environments, made of anodized aluminum.

Model and codes

SLF400	SLF600	SLF800
DR0752II	DR0753II	DR0754II
L	L	L
❮ 847 mm ❯	❮1047 mm ❯	❮1247 mm ❯

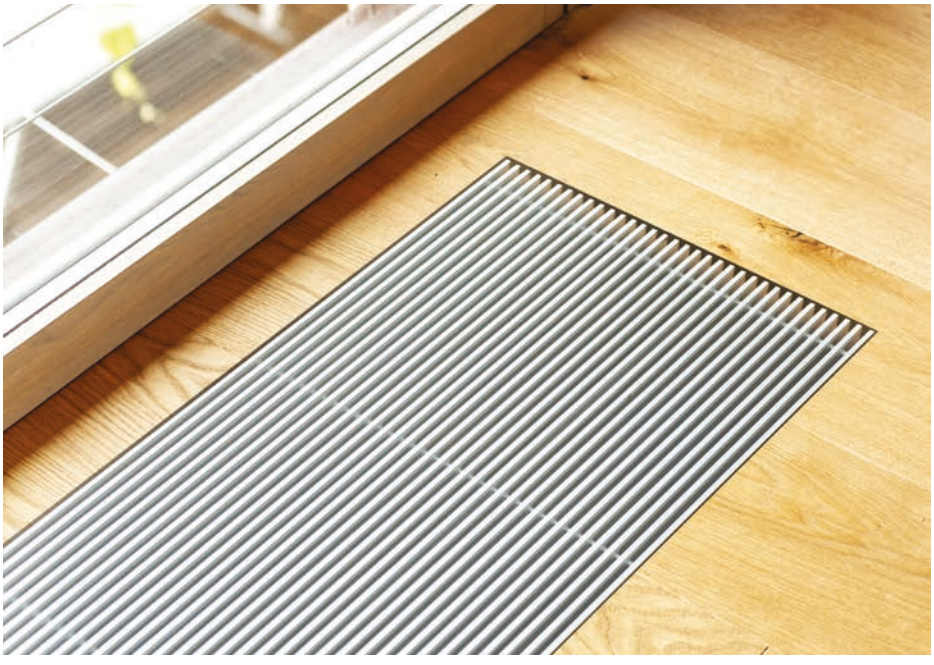
Hydraulic connections and valves for fancoils Filoterra.

	**V20661II**	2 way valve group (water inlet valve, shut off valve and electro thermal motor) for SLF models (*)
	**V30662II**	3 way valve group (with inlet 3 way valve, shut off valve, and electro thermal motor for SLF models (*)
	**I20205II**	2 way valve group with manual clousure for SLF model (*)
	**AI0200II**	Couple of 3/4 EUROKONUS adapters for 1\2" female connection
	**AI0201II**	Couple of 3/4 EUROKONUS adapters for 3/4" female connection
	**AI0203II**	90° bended EUROKONUS connector
	**AI0501II**	Distancer kit (1 piece)
	**AI0612II**	Adapters for flat ring

(*) Accessories that can be installed in the factory without price increase.

TECHNICAL DATA		SLF 400	SLF 600	SLF 800
(a) Total cooling capacity	kW	**1,07**	**1,65**	**2,31**
Sensible cooling capacity	kW	**0,95**	**1,49**	**1,94**
Water flow rate	L/h	**196**	**279**	**402**
Water pressure drop	kPa	**10,7**	**4,5**	**2,1**
(b) Heating capacity with water 45 °C	kW	**1,27**	**1,80**	**2,60**
Water flow rate (45 °C)	L/h	**232**	**351**	**478**
Water pressure drop (45 °C)	kPa	**13,9**	**5,0**	**4,8**
(c) Heating capacity with water 70 °C	kW	**2,78**	**4,12**	**5,72**
Water flow rate (70°C)	L/h	**239**	**354**	**492**
Water pressure drop (70°C)	kPa	**13,0**	**4,7**	**4,5**
Water coil content	L	**0,54**	**0,74**	**0,93**
Maximum operating pressure	bar	**10**	**10**	**10**
Hydraulic connections	inch	**EUROKONUS 3/4"**	**EUROKONUS 3/4"**	**EUROKONUS 3/4"**
Maximum speed air flow	m^3/h	**228**	**331**	**440**
Medium speed air flow	m^3/h	**155**	**229**	**283**
Minimum speed air flow	m^3/h	**84**	**124**	**138**
Power voltage	V/ph/Hz	**230/1/50**	**230/1/50**	**230/1/50**
Maximum power consumption (DC motor)	W	**17,6**	**19,8**	**26,5**
Max absorption at max speed (DC motor)	W	**12**	**14**	**18**
Max absorption at min speed (DC motor)	W	**4,8**	**5,1**	**5,8**
(d) Sound power at maximum air flow	dB(A)	**39,7**	**42,4**	**42,6**
(d) Sound power at minimum air flow	dB(A)	**24,9**	**25,2**	**25,8**
Length	mm	**853**	**1053**	**1253**
Height	mm	**431**	**431**	**431**
Depth (built in floor)	mm	**175**	**175**	**175**
Weight	kg	**14**	**16**	**19**

(a) Air 27°C dry bulb 19°C wet bulb; Water 7°C in 12°C out
(b) Air 20°C; Water 45 °C in - 40 °C out
(c) Air 20°C; Water 70°C in 60 °C out
(d) Sound pressure measured in semianechoic chamber in compliance with ISO 7779



CREDITS

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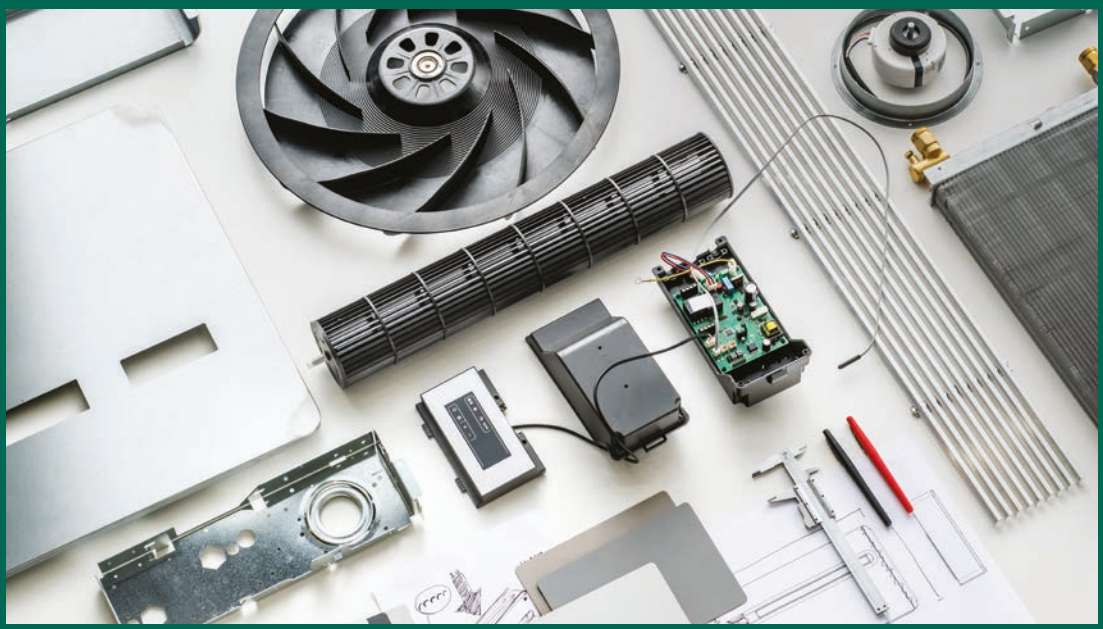
Special thanks to:
Akira Nishikawa

Perfection in the project, maximum attention to every detail.



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renewing energies

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