



Filoterra

The floor
fancoil



**Silent and invisible,
pure comfort.**









Filoterra the floor fancoil able to generate a thermal comfort air barrier.

In many architectural situations, especially rooms with ceiling windows or very exposed walls, it is important to counteract the summer heat that is transmitted by radiation inside the rooms or the annoying cold currents that are formed in winter on the walls.

Traditional solution, such as the air conditioning units installed in front of the windows, are often not compatible with the design of the rooms as well as being certainly less effective.

Three models

SLF 400	SLF 600	SLF 800
1,21 kW	1,62 kW	2,12 kW
L	L	L
< 895 mm >	< 1095 mm >	< 1295 mm >



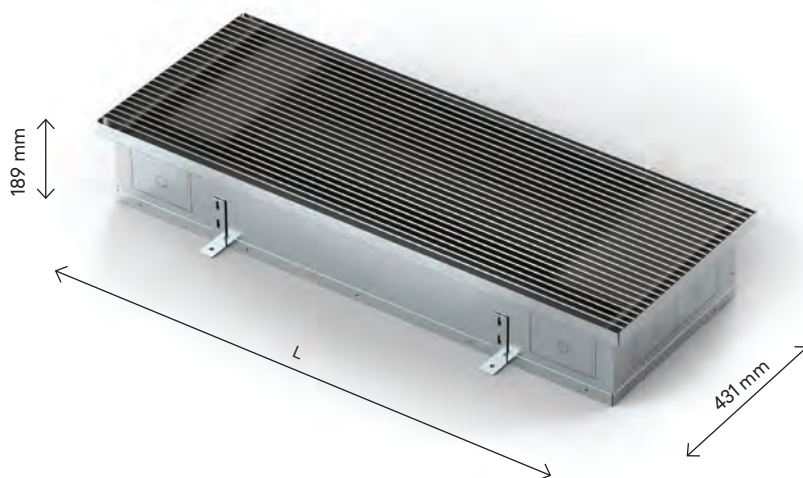
DC Inverter



3 different size



189mm of height





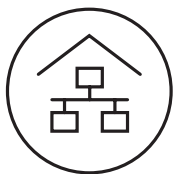
WINDOW OPEN

The “Window open” input allows the terminal to switch off automatically when the window is opened and switch on again when the window is closed



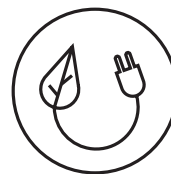
SILENT

As with all INNOVA products, Filoterra provides perfectly quiet operation.



ETHERNET / DOMOTICS

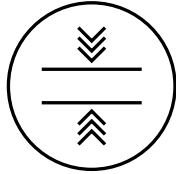
Filoterra can be integrated into the most modern and complicated remote management systems thanks to advanced electronics that can be interface easily with the most popular home automation systems.



DC INVERTER

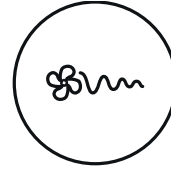
Thanks to the most modern DC Inverter technology, Filoterra has very low power consumption and perfect operational stability.





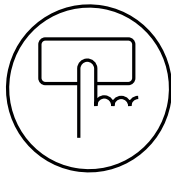
THIN

Extremely thin (only 189 mm), it disappears inside the floor.



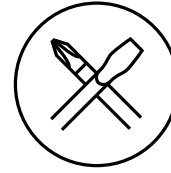
MODULATED AIR FLOW

Thanks to the use of modulating motors, the problems of standard on-off products are avoided: the modulated airflow becomes imperceptible and is never disturbing.



CONTROLS

Smart Touch controls of the highest aesthetic and functional level. Possibility of management through the INNOVA App, also remotely, via Wi-Fi.



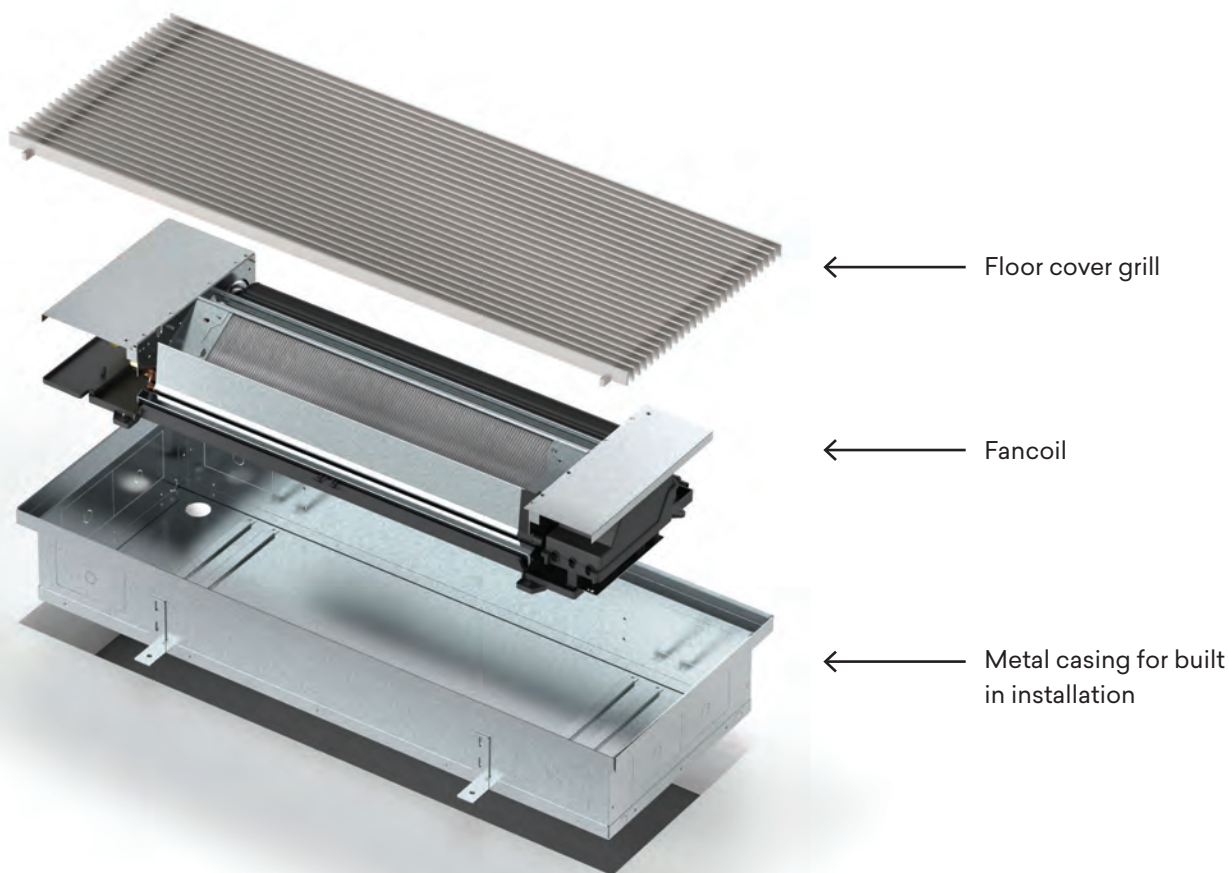
EASY TO INSTALL AND TO BE CLEANED

Filoterra is characterised by its reduced dimensions and extremely compact design. With the same power output, the installation dimensions are considerably smaller, minimising the visual impact of the grille on the floor.

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

Filoterra is INNOVA's range of DC Inverter floor-recessed fan coils, capable of generating a true air barrier that, when touching exposed windows or walls, neutralises the negative effects on 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.



BUTLER, the advance control.

The BUTLER^{PRO} 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^{PRO} allows you to connect the heat pump, controlled mechanical ventilation system, fan coils and all the other system elements via a serial connection.

BUTLER^{PRO} is complete, simple and intuitive at the same time: you can configure a weekly calendar with time zones, create specific zones and change the settings so your home is at the right comfort level for your needs.

TWO VERSIONS

BUTLER^{PRO}

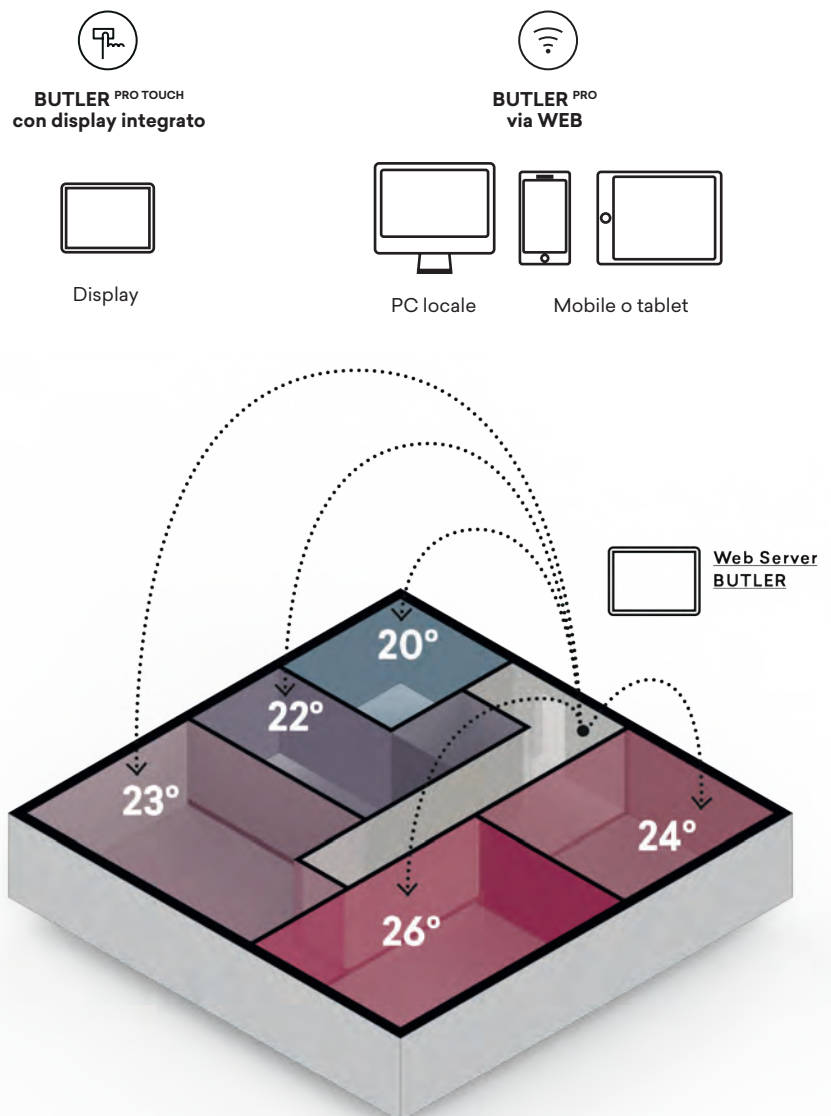
settings and display via smartphone / tablet / computer only with internet connection. Installation on a 35 mm DIN rail in the electrical cabinet of the heat pump or in the electrical cabinet of the house.

BUTLER^{PRO TOUCH}

settings and display via the integrated 10" touch screen. Can be connected to the internet remotely via smartphone / tablet / computer. Recessed wall installation. The pre-installation box is supplied separately.

ROOM-BASED CONTROL

You can control each room with BUTLER by configuring a weekly calendar with time zones, creating settings for each room or area, modifying the settings so your home is at just the right comfort level for your needs.



MAIN FUNCTIONS

- **Supervision and control through local network or remotely**
The system can be managed through a smartphone, tablet or computer
- **Summer and winter personalised programming**
Different programmes can be set for each season
- **Setting of three temperature levels on the INNOVA fan coil network**
For each room or zone it is possible to select 3 different work temperatures, which can be modified at any time
- **Weekly time programming**
In each room it is possible to set different operating times
- **Etnetwork interface like the one on PCs**
Once the bus network between the heat pump and the fan coils has been made, the connection with the Web server is the same as that of a normal computer
- **Remote assistance**
With the user's consent, BUTLER can automatically access the INNOVA cloud for diagnostics and assistance in case of need



- A WEEKLY SCHEDULING**
- B DOMESTIC HOT WATER SETTING**



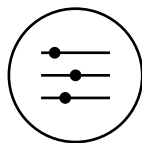
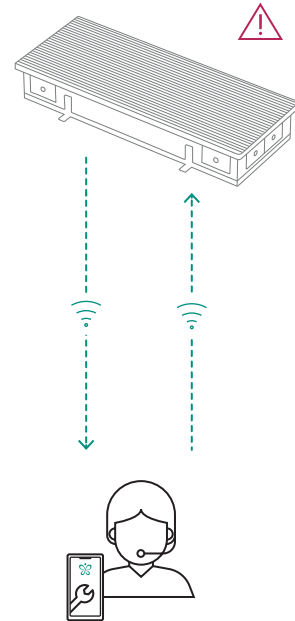


Remote assistance

With the user's consent, BUTLER can automatically access the INNOVA cloud for diagnostics and assistance in case of need.

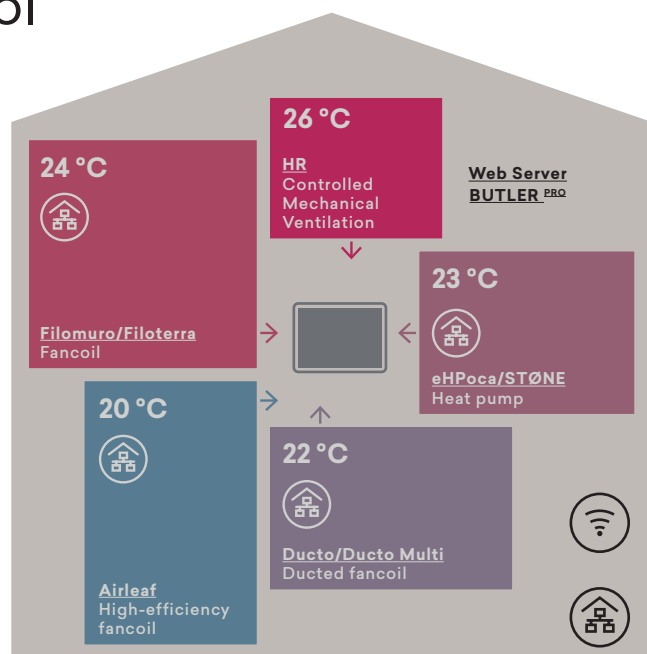
Thanks to the Internet connection, it is possible to verify remotely the correct operation of INNOVA products connected to the BUTLER.

Any operating anomalies can be transmitted automatically from the BUTLER to the assistance centre which can intervene by modifying the functional parameters or decide to physically intervene by providing a quick and timely service.

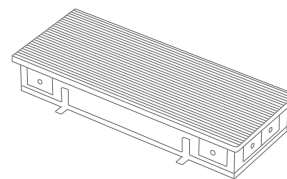


Total control

The advantage of choosing a complete INNOVA system is that, for any need, we are the only reference both for routine maintenance and for assistance purposes. A complete and high quality service.



Models and product combinations



NEW FOR CONNECTION WITH M7 SERIES REMOTE CONTROLS



White:
EEB749II

Con funzione WiFi



White:
EFB749II

Modulating speed
PI Logic
Touch interface
Controls up to 16 units
RS485 ModBus port for
BUTLER or BMS connection

SLF 400-0R00

SLF 600-0R00

SLF 800-0R00

NEW FOR CONNECTION WITH M7 SERIES REMOTE CONTROLS - BLUETOOTH



White:
EGB749II

Modulating speed
PI Logic
Touch interface
Controls up to 16 units
Bluetooth

SLF 400-0B00

SLF 600-0B00

SLF 800-0B00

FOR CONNECTION WITH REMOTE CONTROLS SMART TOUCH SERIES



Black:
EEA649II

White:
EEB649II

Con funzione WiFi



Black:
EFA649II

White:
EFB649II

PI Logic
Touch interface
Modulating speed
Controls up to 30 units
ASCII RTU serial port

SLF 400-0P00

SLF 600-0P00

SLF 800-0P00

FOR CONNECTION WITH REMOTE CONTROLS (modulating speed)



B3V151II

Wall control with
thermostat, summer/
winter selector and speed
selector

SLF 400-0T00

SLF 600-0T00

SLF 800-0T00

FOR CONNECTION 0-10 V



Analog
input

Electronic board for
0-10 V interface

SLF 400-0V00

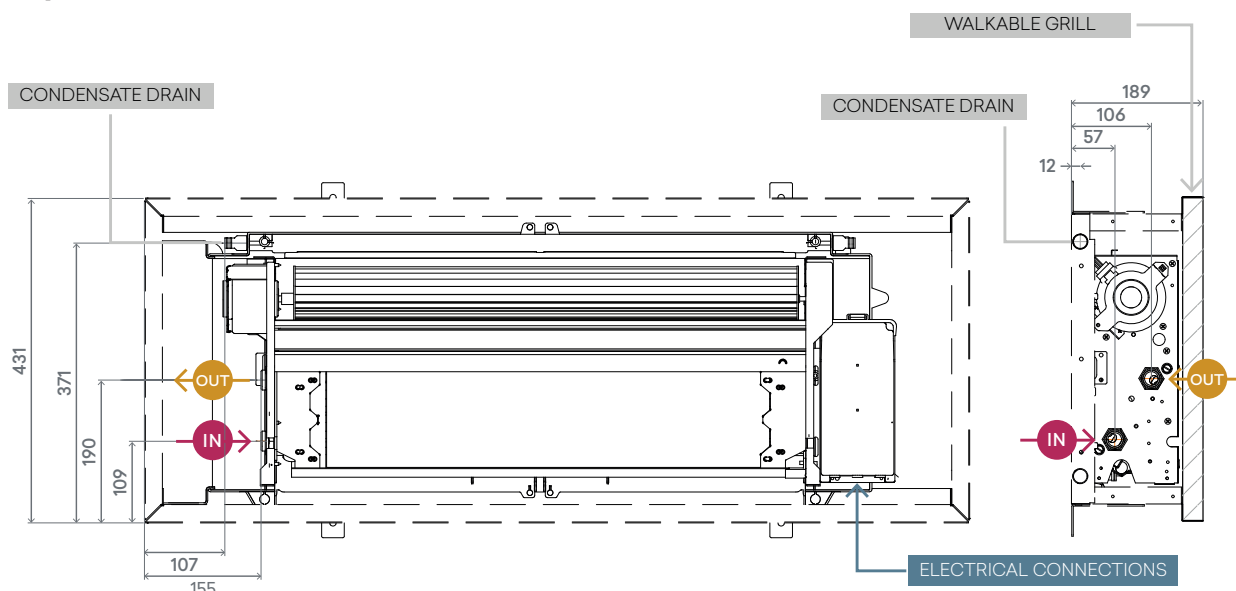
SLF 600-0V00

SLF 800-0V00



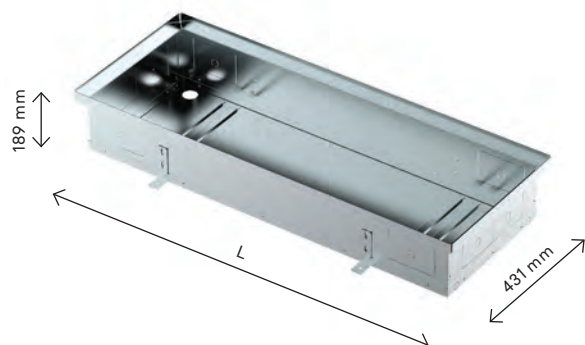


Hydraulic connections



Installation accessories

Metal casing for built in installation



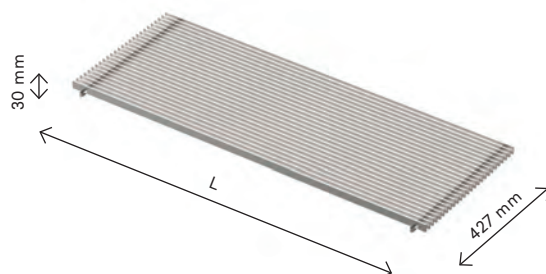
Description

Accessory consists of a galvanized sheet metal 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. Positioned during building work, it makes it possible to prepare the plumbing and electrical connections for later installation of the terminal.

Model and codes

SLF 400	SLF 600	SLF 800
L00749II	L00750II	L00751II
L	L	L
< 895 mm >	< 1095 mm >	< 1295 mm >

Floor covering grid



Description

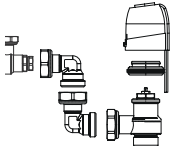
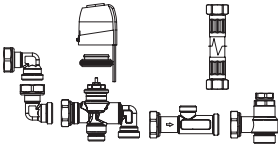

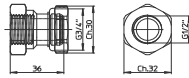
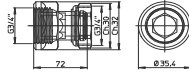
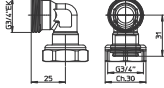
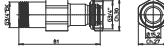
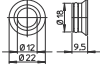
The floor covering grid is walkable and is designed for perfect coupling with the recessed formwork of the same size. It consists of a removable grid for cleaning the air filters and a fixed deflector for the distribution of the air flow in the environment. The grill is easily removable for a quick and complete maintenance of the appliances.

Model and codes

SLF 400	SLF 600	SLF 800
DR0752II	DR0753II	DR0754II
L	L	L
< 890 mm >	< 1090 mm >	< 1290 mm >



Hydraulic connections and valves for fancoils Filoterra

	V20661II	2 way valve group (water inlet valve, shut off valve and electro thermal motor) (*)
	V30662II	3 way valve group (with inlet 3 way valve, shut off valve, and electro thermal motor) (*)
	I20705II	2 way valve group with manual clousure (*)
	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 sheets

		FILOTERRA			
Models	u.m.	400	600	800	
Cooling Performance (W 7/12 °C; A 27 °C)					
Total cooling capacity	(1)	kW	1,21	1,62	2,12
Sensible cooling capacity	(1)	kW	1,01	1,44	1,99
Water flow rate	(1)	L/h	208	279	365
Pressure drop	(1)	kPa	11,2	5,1	5,3
Performance in heating mode (W 45/40 °C; A 20 °C)					
Heating capacity	(2)	kW	1,51	2,03	2,62
Water flow rate	(2)	L/h	260	349	451
Pressure drop	(2)	kPa	16,1	7,3	8,1
Hydraulic data					
Water battery content		L	0,50	0,61	0,77
Maximum working pressure		bar	10	10	10
Hydraulic attachments		“ EK	3/4		
Aeraulic data					
Air flow rate at maximum speed		m³/h	228	331	440
Air flow rate at medium speed		m³/h	155	229	283
Air flow rate at minimum speed		m³/h	84	124	138
Maximum available static pressure		Pa	1	10	10
Electrical Data					
Power Supply Voltage		V/ph/Hz	230/1/50		
Max absorption at max speed		W	19	20	29
Maximum absorbed current		A	0,16	0,18	0,26
Power absorbed at minimum speed		W	4	4	4
Sound data					
Maximum sound power		dB(A)	53	54	55
Sound power at maximum air flow	(3)	dB(A)	40	41	42
Sound power at medium air flow	(3)	dB(A)	33	34	34
Sound power at minimum air flow	(3)	dB(A)	25	25	26
Dimensions and product weights					
Total length		mm	895	1095	1295
Total width		mm	431	431	431
Total depth		mm	189	189	189
Net weight		kg	14,0	16,0	19,0

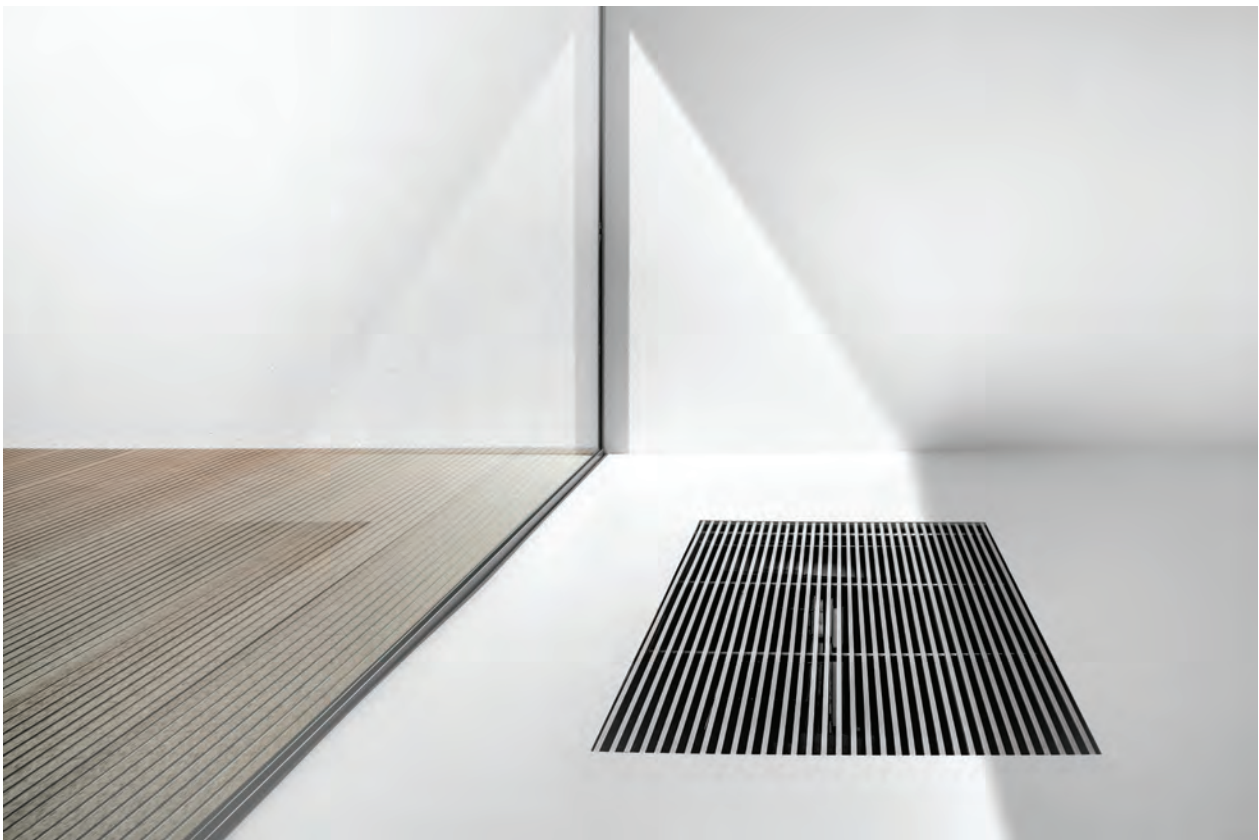
(1) Water temperature at battery inlet 7 °C, Water temperature at battery outlet 12 °C, Ambient air temperature 27 °C b.s. and 19 °C b.u. (according to EN 1397)

(2) Water temperature at battery inlet 45 °C, Water temperature at battery outlet 40 °C, Ambient air temperature 20 °C b.s. and 15 °C b.u. (according to EN 1397)

(3) Sound pressure measured at a distance of 1 m according to ISO 7779











CREDITS

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Osmo Design

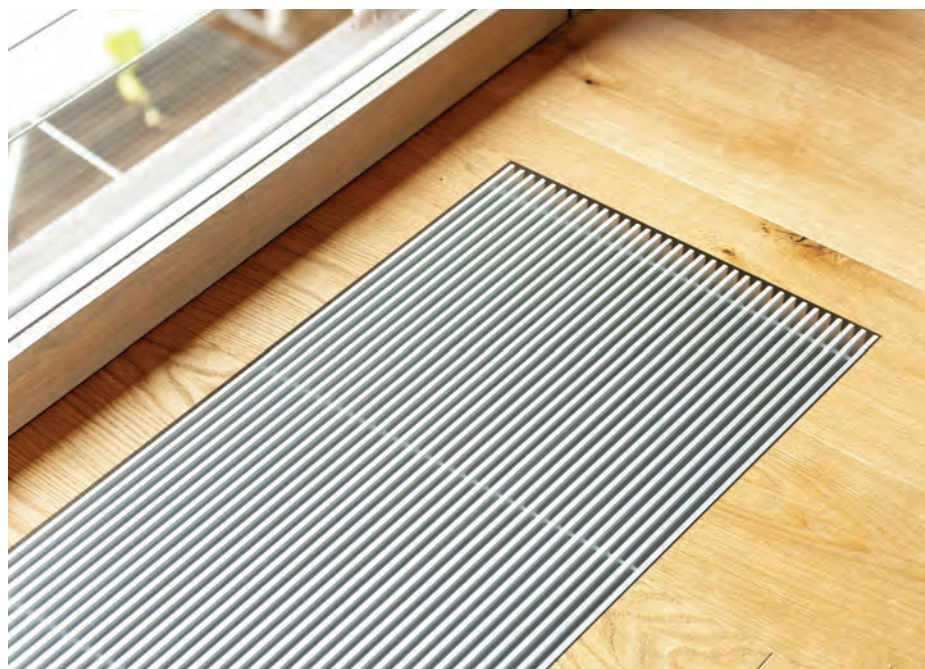
Photography

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Special thanks to:

Akira Nishikawa

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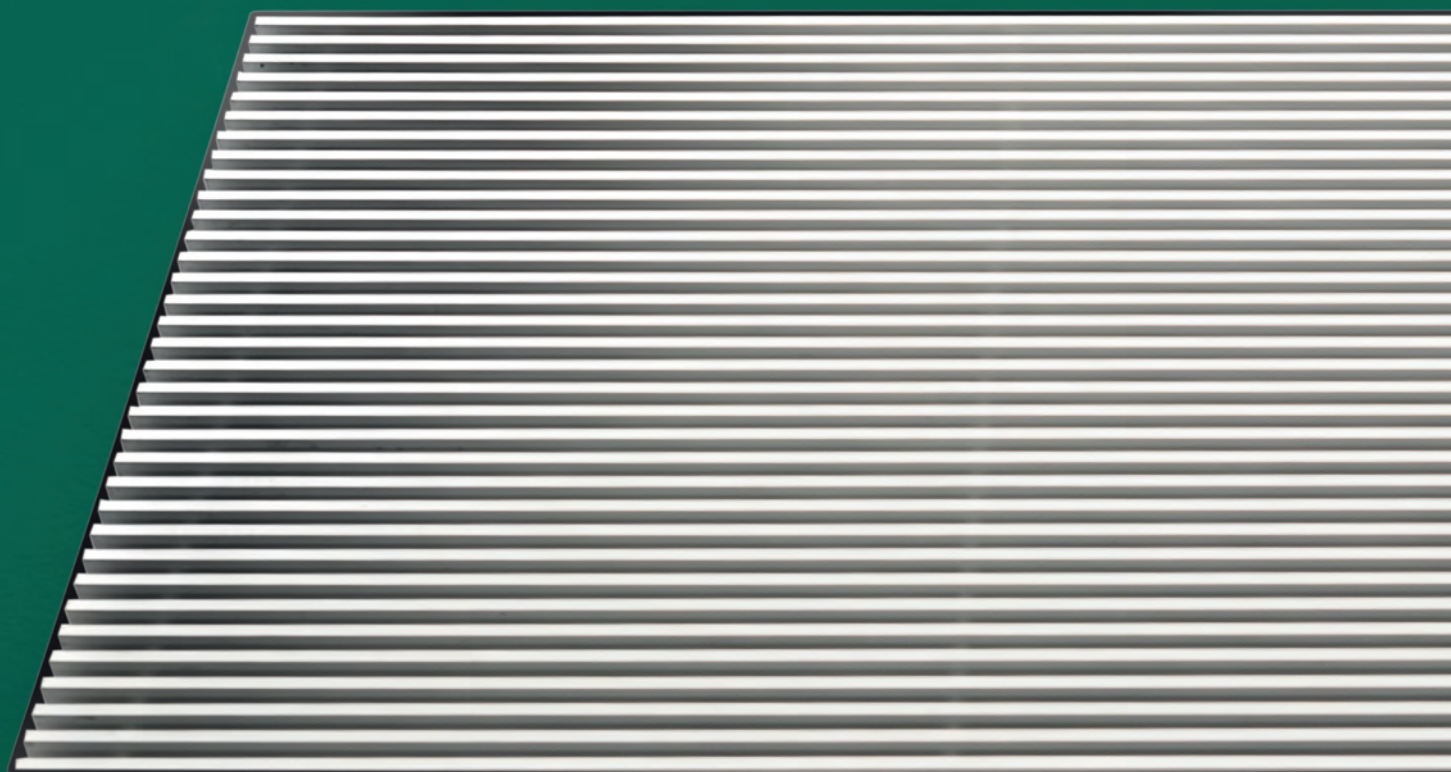


Ideas that become
reality.





innova



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