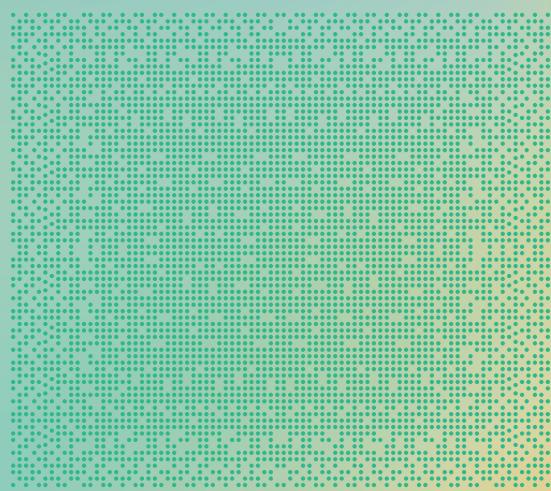




FÄRNA

The fancoil you
didn't expect







FÄRNA

FÄRNA, why?

INNOVA has a very wide range of different products and solutions to cover every requirement in the world of fancoils. However, something unexplored was still there. Undiscovered, unreached ... market needs perhaps not yet expressed, certainly not met.

In many cases, installation needs demand POWER when SPACE is not enough.

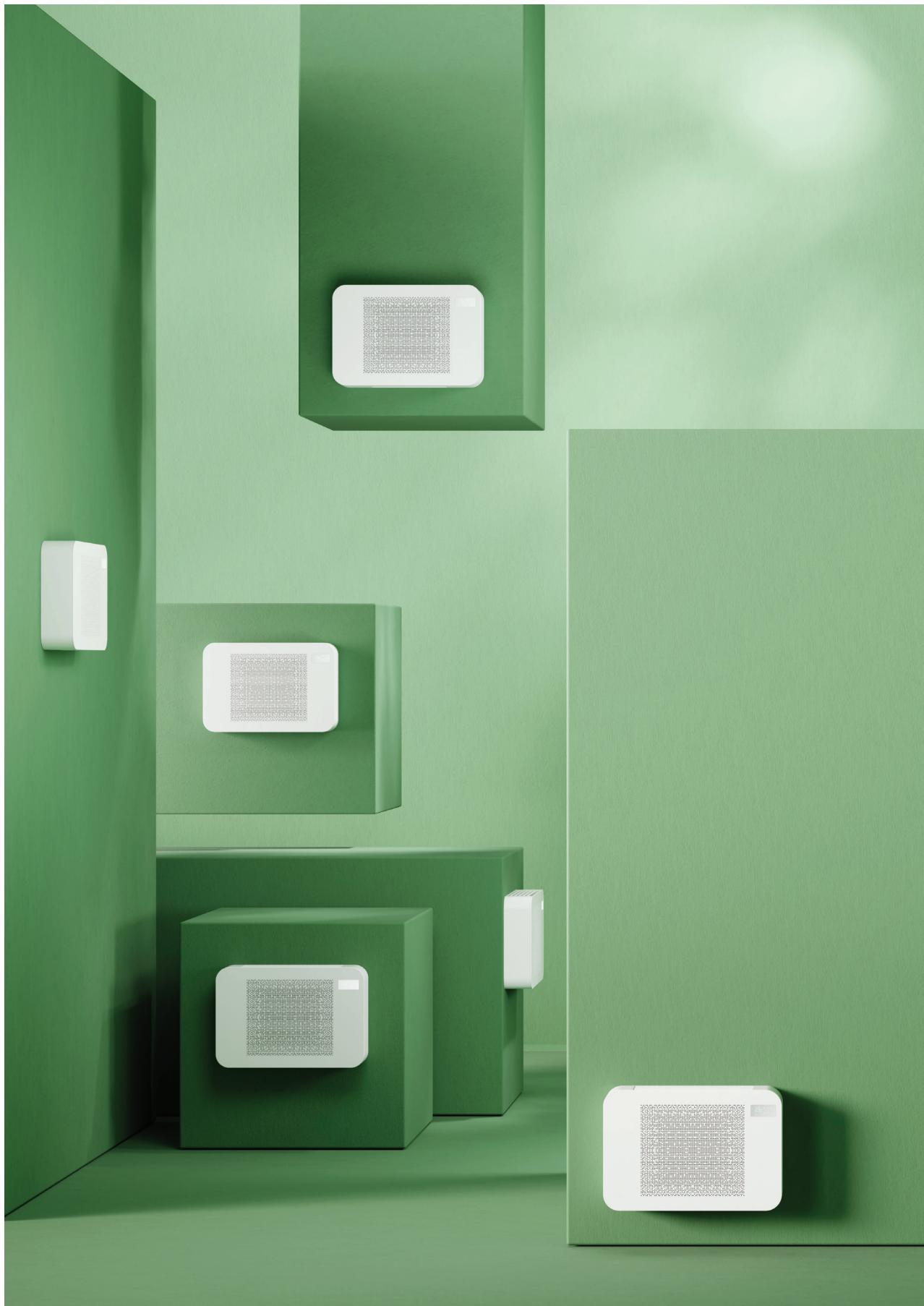
Hence the new, seductive idea of INNOVA: combine BIG power in a SMALL space.

That's why FÄRNA was born: two special, distinctive models to meet installation needs unanswered to date.

FÄRNA: a great new idea from INNOVA, discover it with us!





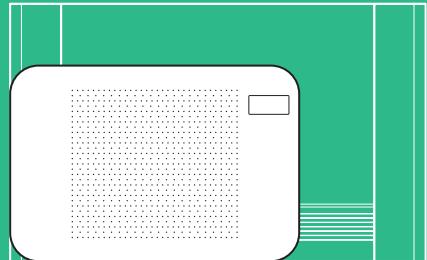


Versatile

Fancoils are usually installed at the bottom or top. FÄRNA installs on the top, bottom, mid-air, side, bottom, middle, this way, that way...
Everything is possible with FÄRNA!

Size

-32%



Similar power

BIG e SL 600

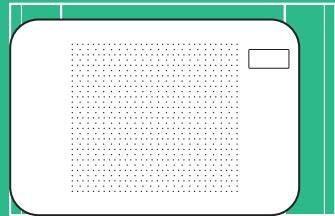
Size

Reduce space, significantly, leaving all the power needed for a large environment. Compared with classic AirLeaf models of similar power, FÄRNA reduces the size (width) of the machine by 32% - a third! Not a small unit, but a powerhouse.





Power
+300%



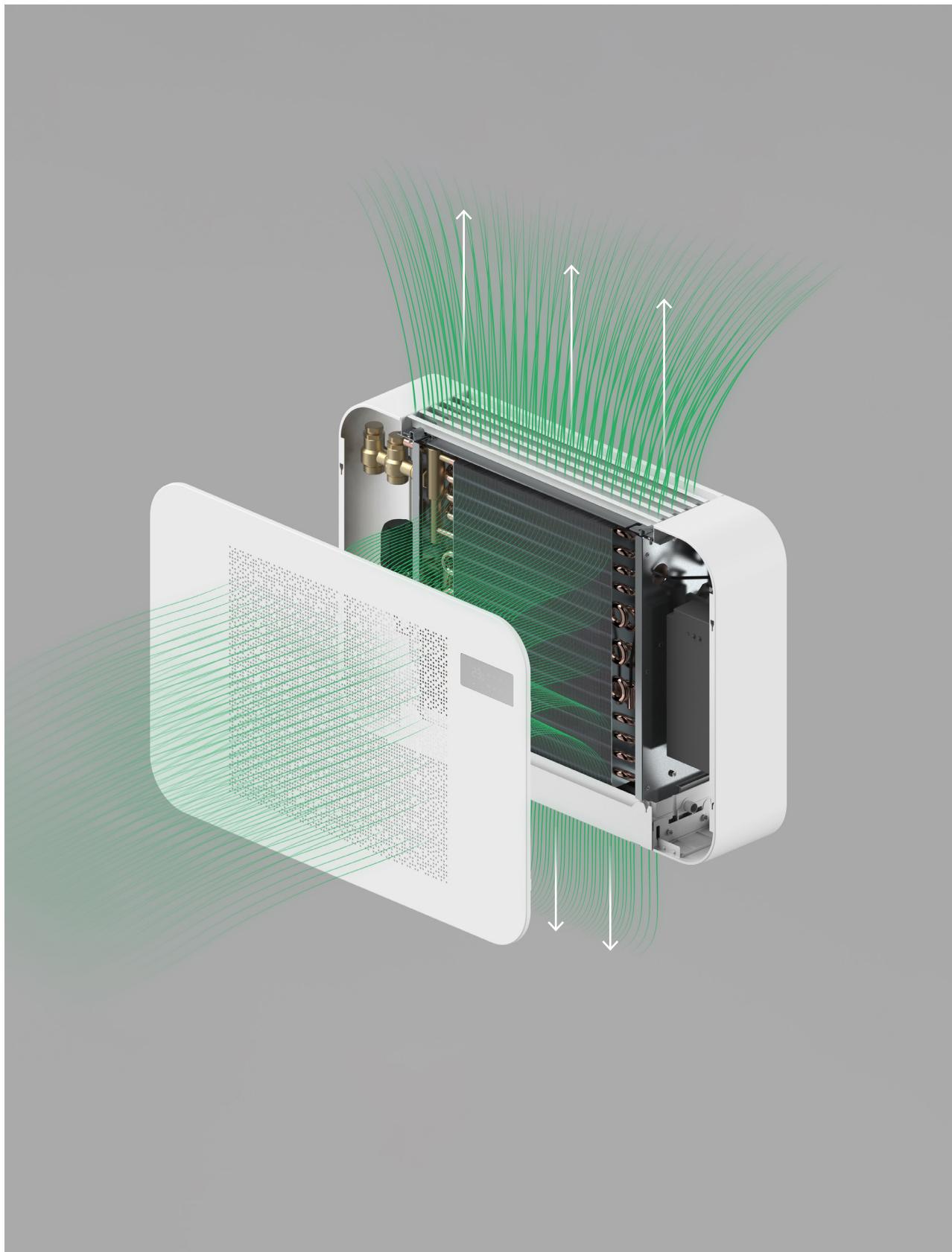
Similar size

BIG e SL 200

Power

Increase the power, significantly, while leaving the size unchanged. Compared with classic AirLeaf models of similar size, FÄRNA increases power by a factor of three.

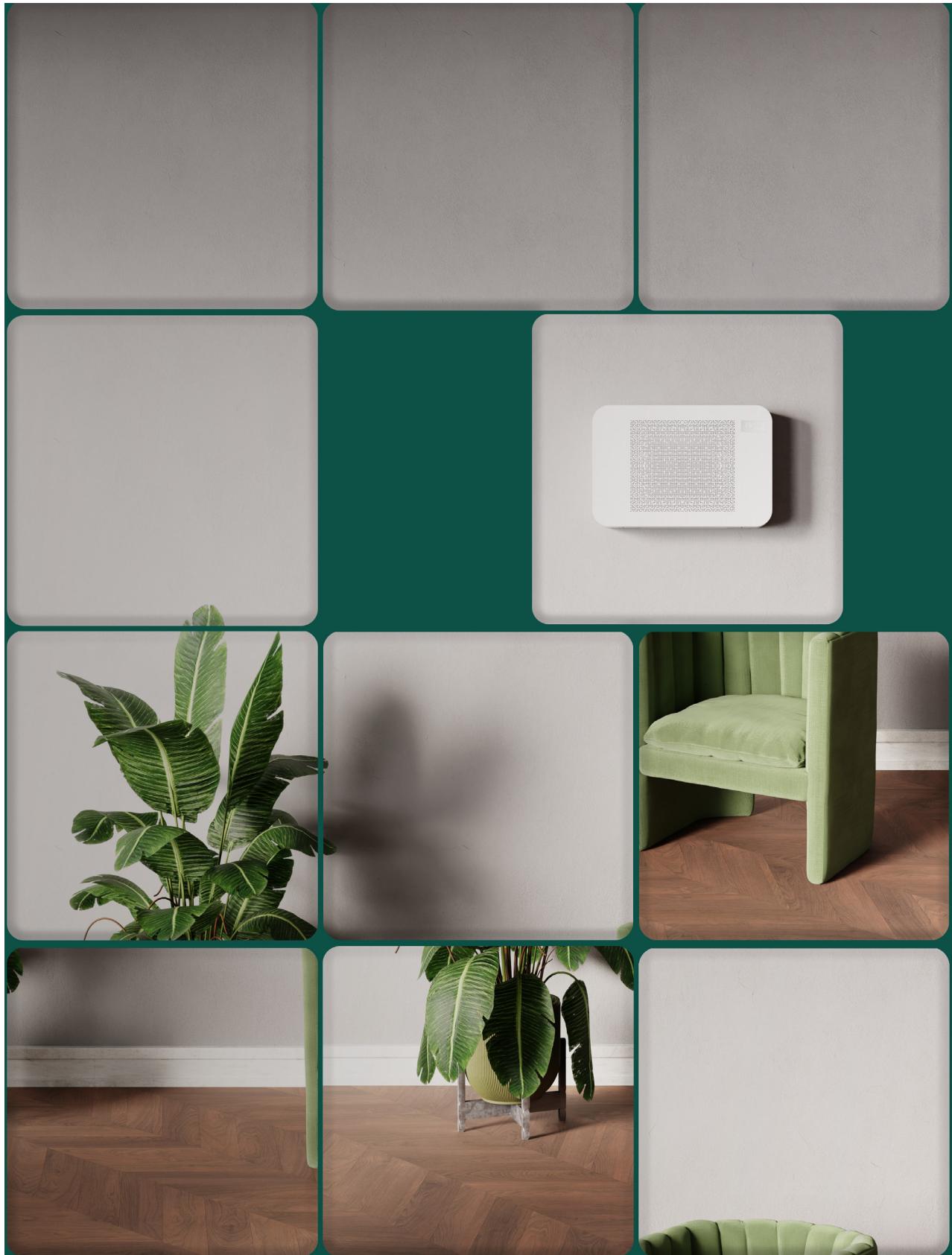






Turn your point of view upside down.





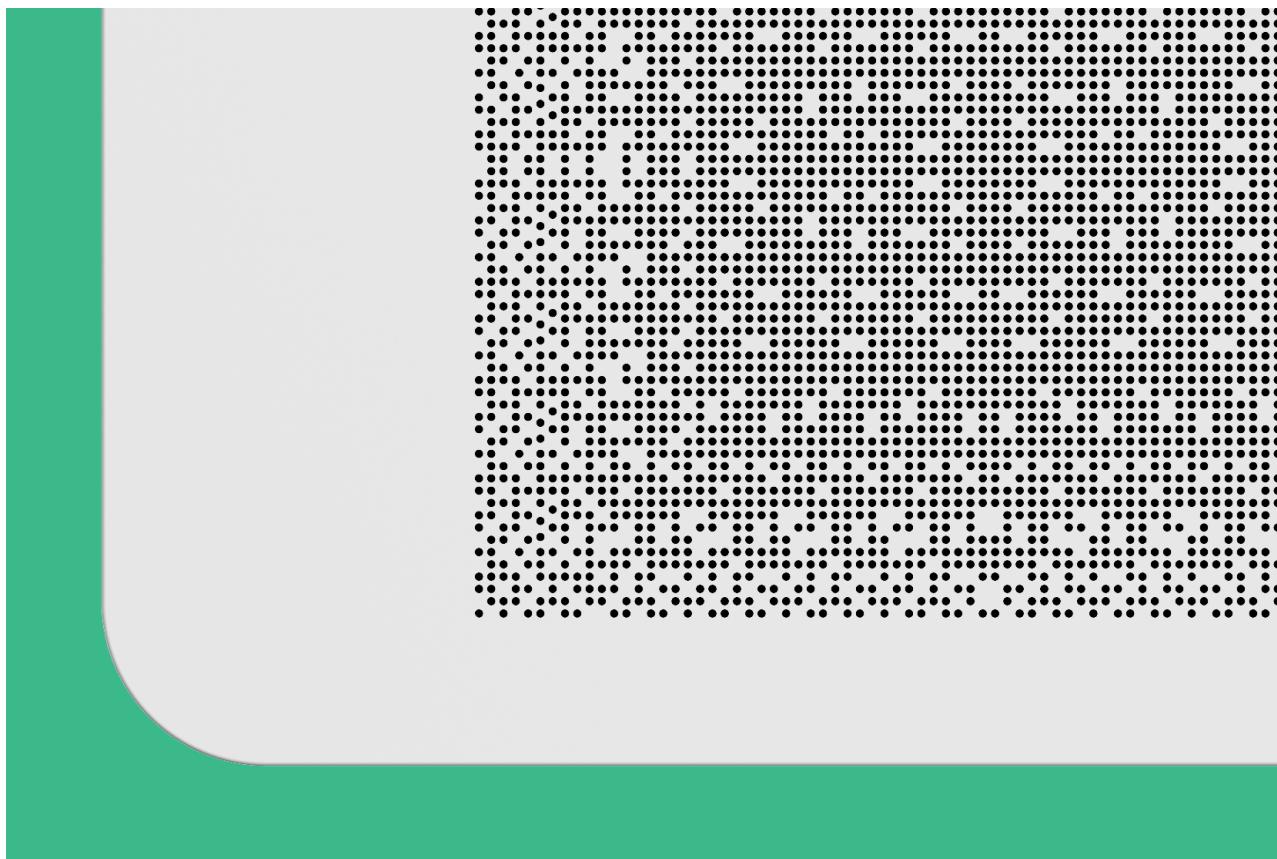
Where you want, how you want.

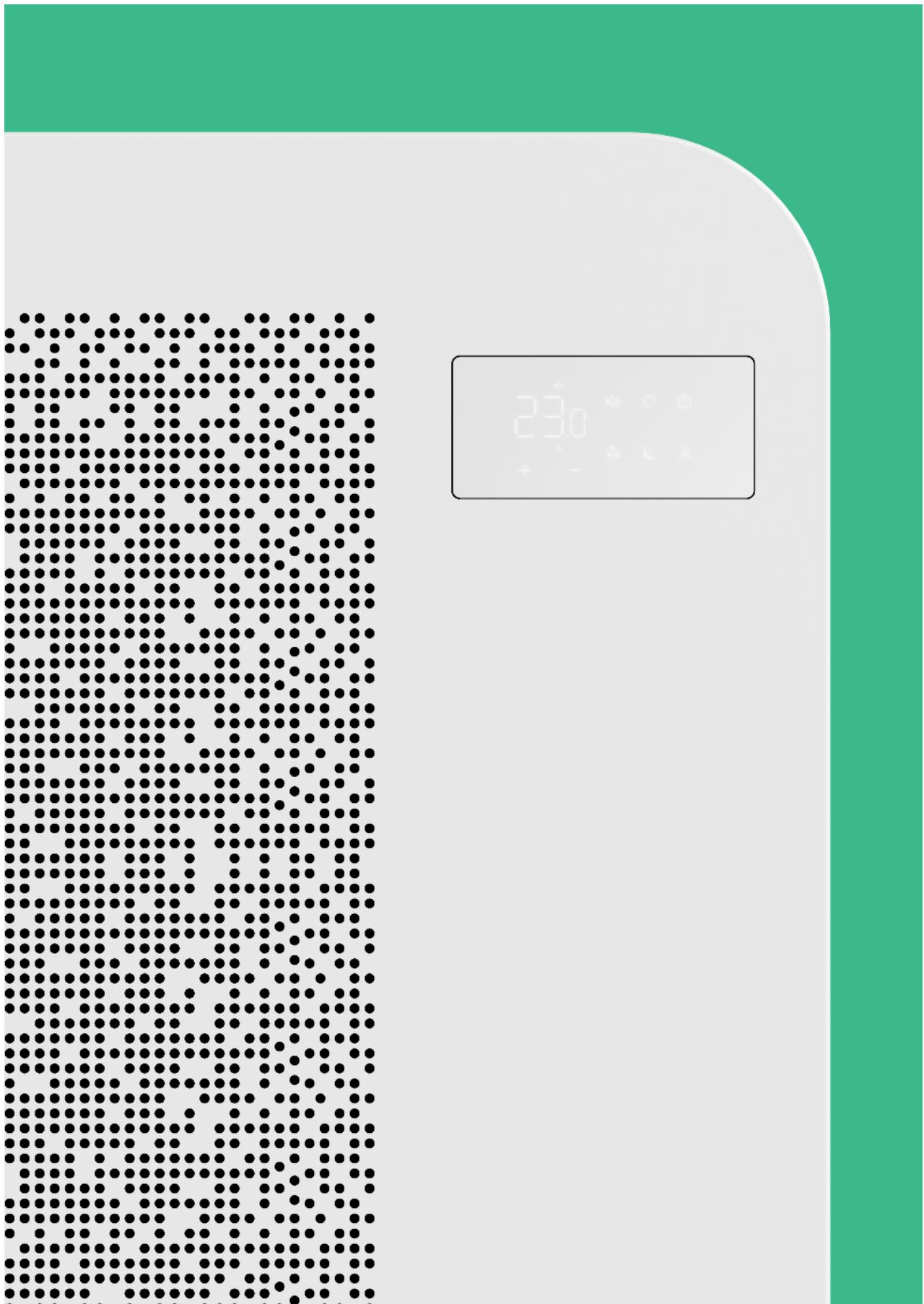
FÄRNA

Design

Elegant, different, unconventional... the design is specifically designed for a multifunctional product like FÄRNA. If the size hides the product, the design makes it prominent and valuable.
A fully realized solution in metal.







M7 series

Commands

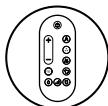
With M7, INNOVA skillfully combines design and technology for a new series of controls, M7, surely at the top of its class. The novelty is already in the user panel, now with increased sensitivity touch technology and automatic brightness. Functionality has been integrated, for example with Bluetooth version-and in the wall-mounted version the panel has practically halved thickness and perfect installability on 503 electrical box, the most common on the market. A concentrate of technology, a clear example of beauty and practicality.



Wall mounted

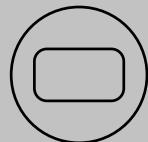


On board



From remote control

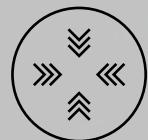
New rounded design



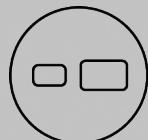
New on-board and wall-mounted controls, M7 Series

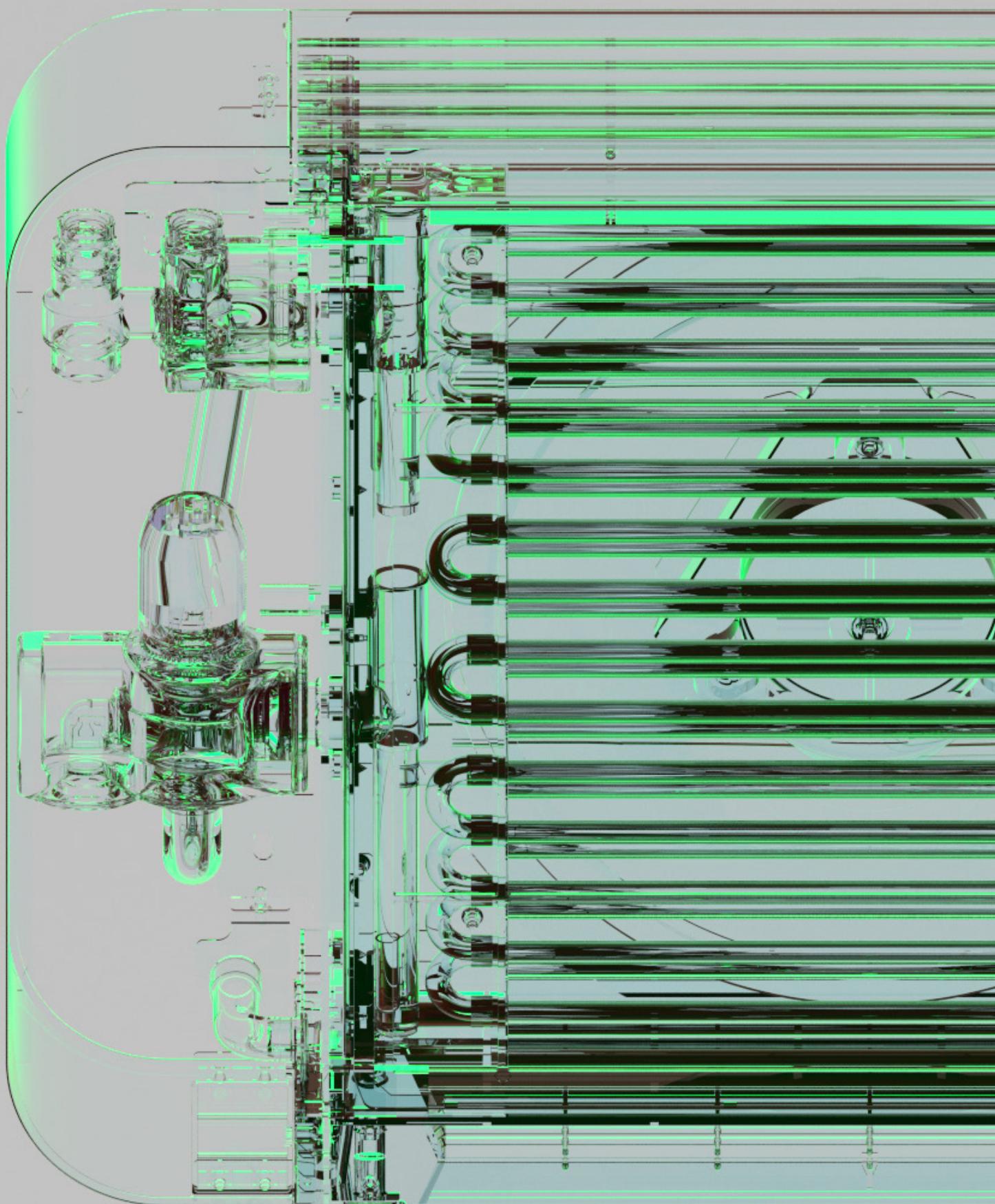


Power in minimum size

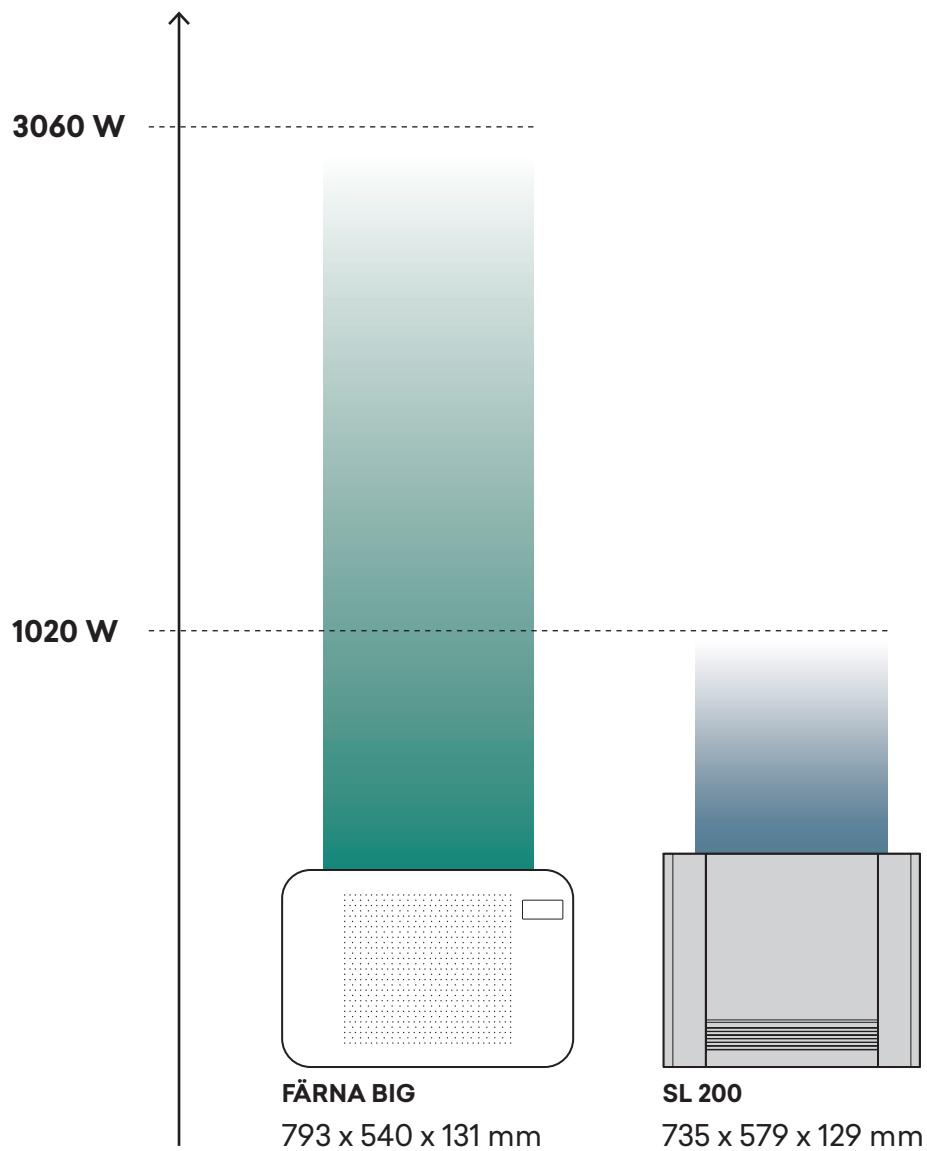


Two sizes, SMALL and BIG

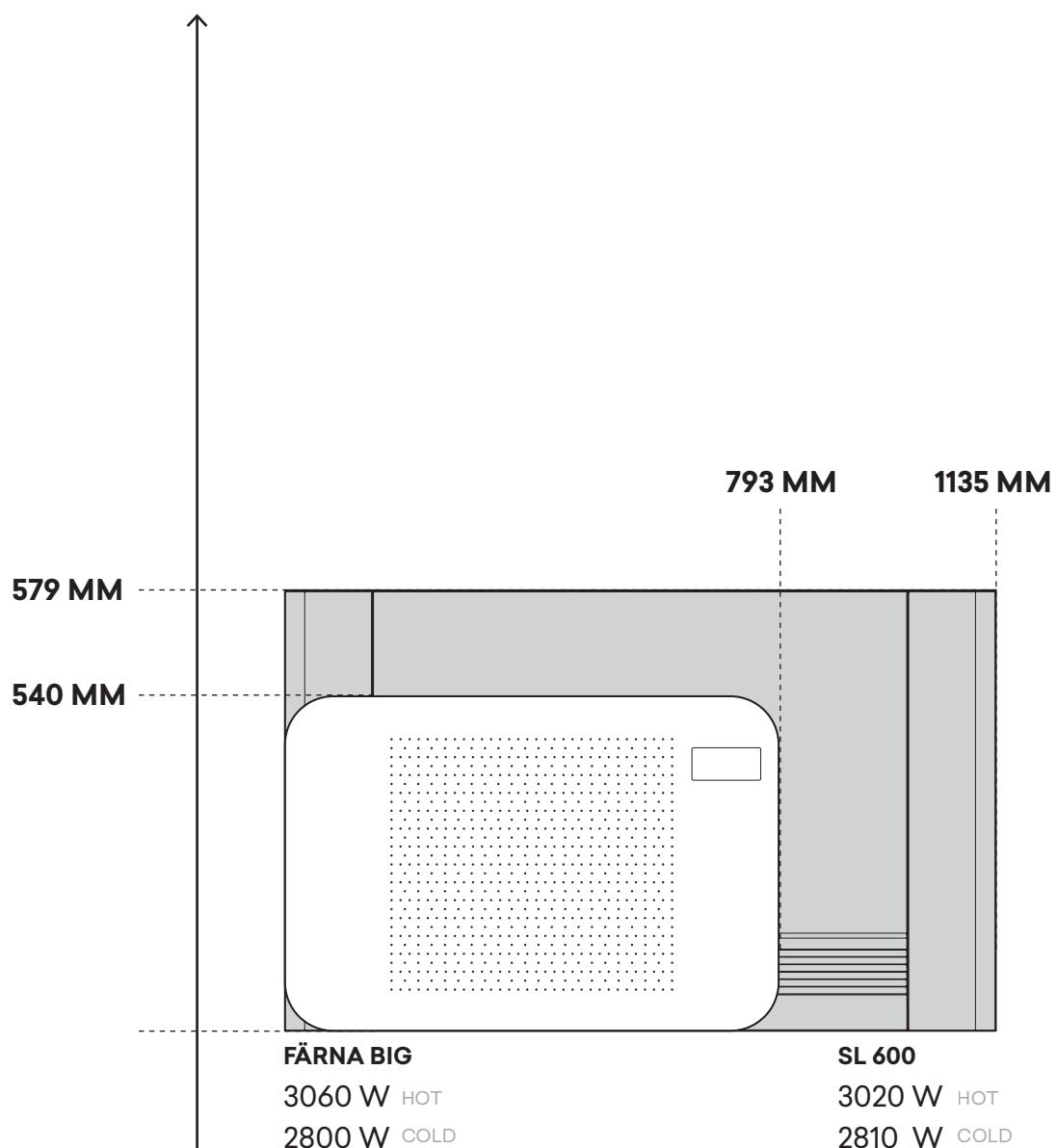


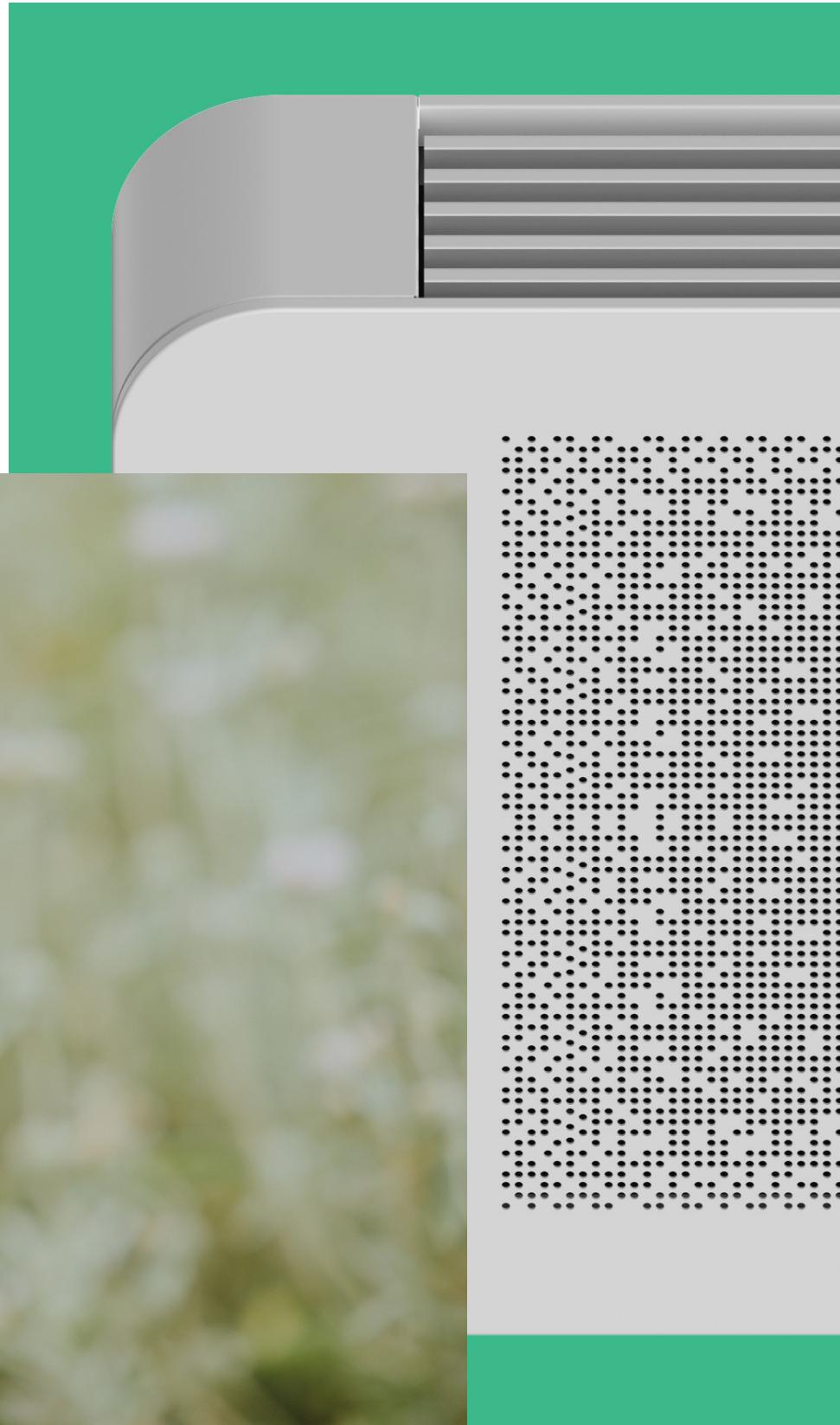


SIMILAR SIZE **POWER TRIPLED**



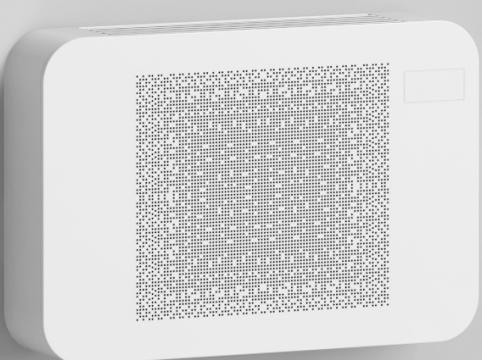
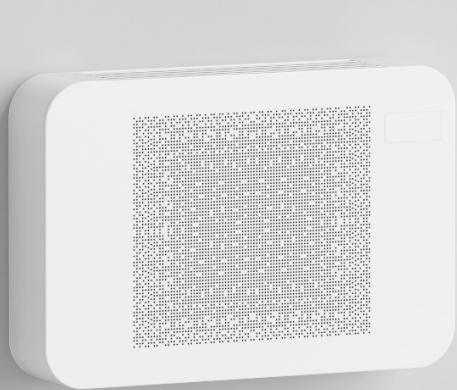
SIMILAR POWER SIZE NEARLY HALVED







FÄRNA

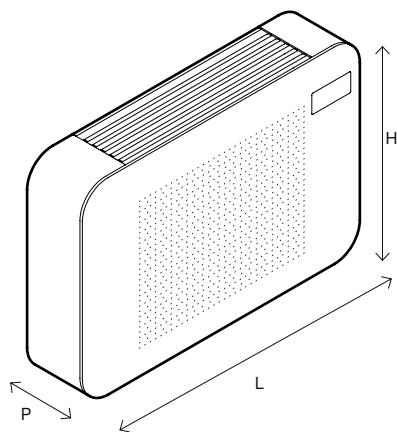


FÄRNA SMALL

White RAL 9003



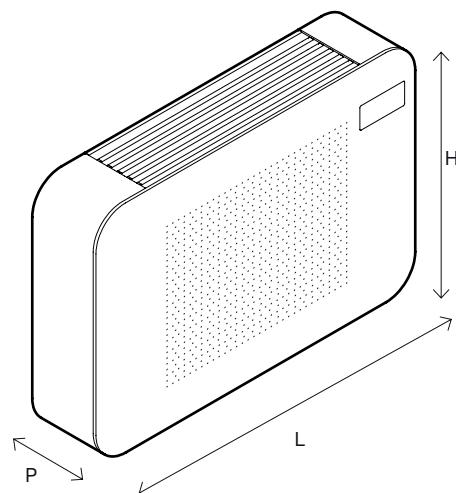
2-Pipe Version

**FÄRNA BIG**

White RAL 9003



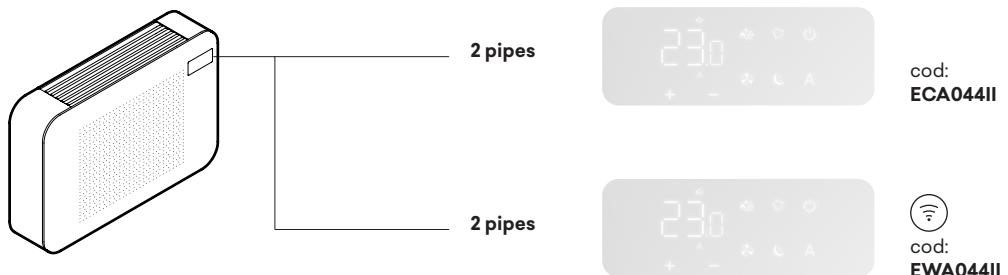
2-Pipe Version



MODEL	SMALL	BIG
L (mm)	650	793
P (mm)	131	131
H (mm)	440	540

On-board controls

M7 SERIES



On-board control - M7 SERIES



2 pipes
Cod:
ECA044II

- PI Logic
- Touch interface
- Modulating speed
- RS485 ModBus port for BUTLER or BMS connection
- Remote control provided as standard



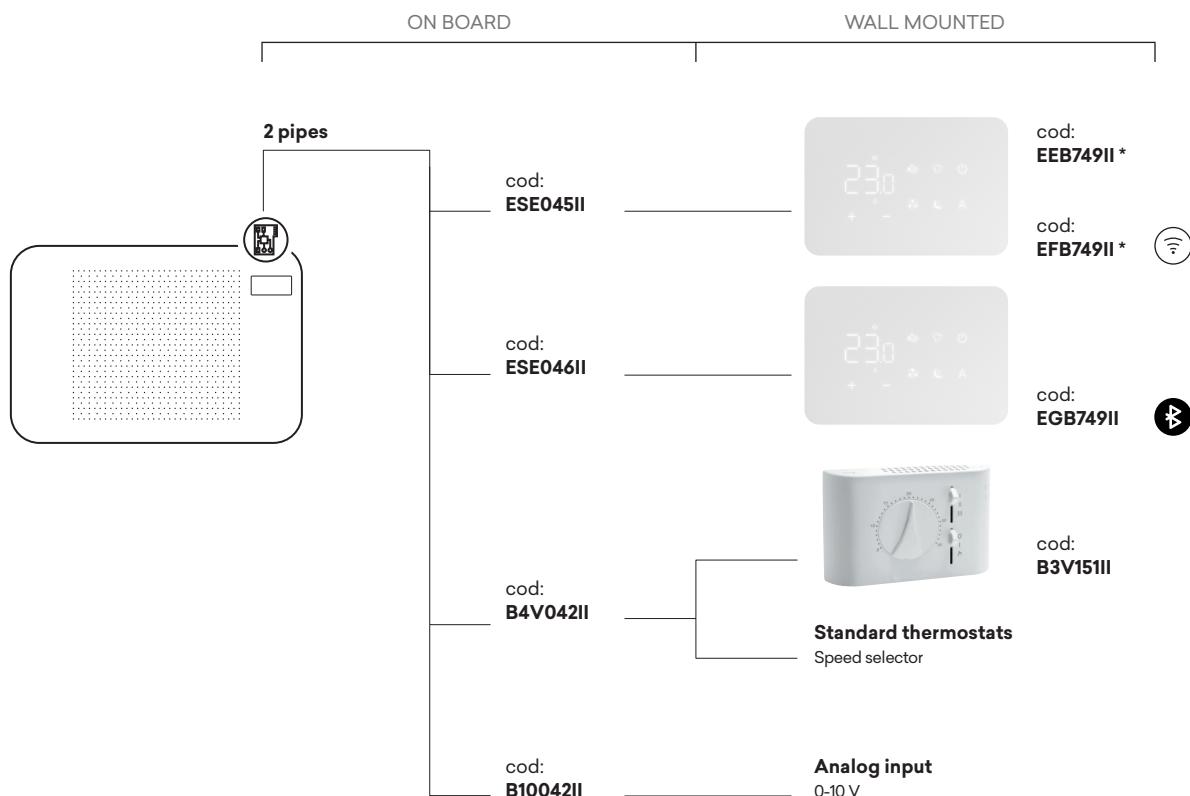
2 pipes
Cod:
EWA044II

- PI Logic
- Touch interface
- Modulating speed
- WiFi connection
- Remote control provided as standard



Wall-mounted remote controls

M7 SERIES



* Built-in box accessory kit

On board



2 pipes
Cod: **ESE045II**

Wall-mounted



Cod:
EEB749II

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



Cod:
EFB749II

- PI Logic
- Touch interface
- Modulating speed
- Control up to 16 units
- WI-FI connection



2 pipes
Cod: **ESE046II**



Cod:
EGB749II

- PI Logic
- Touch interface
- Control up to 16 units
- Bluetooth



2 pipes
Cod: **B4V042II**



Cod:
B3V151II

- Electromechanical
- Wall installation
- 3 speed
- Seasonal selector



2 pipes
Cod: **B10042II**

0-10 V

- Analog input 0-10 V
(without temperature probe)

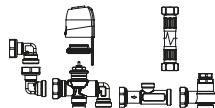
Hydraulic assemblies



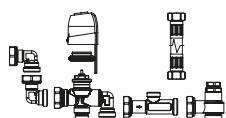
I20205II **ALL** Manual 2-way valve assembly (1)



V20139II **ALL** 2-way valve assembly (inlet valve and lockshield) with thermoelectric motor (1)



V30721II **SMALL** 3-way diverter valve assembly with thermoelectric motor (1)



V30722II **BIG** 3-way diverter valve assembly with thermoelectric motor (1)

AI1157II **ALL** Pressure independent regulating valve DN 15, 290 L/h (2)

AI1158II **ALL** Pressure independent regulating valve DN 15, 420 L/h (2)

AI1160II **ALL** Pressure independent flow rate limiting valve DN 15, 290 L/h (2)

AI1161II **ALL** Pressure independent flow rate limiting valve DN 15, 470 L/h (2)

AI1170II **ALL** 6-way valve systems 4 pipes DN 15 (2)

AI1171II **ALL** Actuator 6-way systems 4 pipes DN 15, for 6-way valves and pressure independent valves (2)

(1) Factory installed and tested accessory

(2) Accessories are supplied separately

Left-handed hydraulic connections ONLY, not reversible



Technical data sheets

MODEL		SMALL	BIG
Cooling performances (W 7/12 °C; A 27 °C) (1)			
Total cooling capacity	kW	1,50	2,80
Sensible cooling capacity	kW	1,26	2,32
Water flow	L/h	253	473
Pressure drop	kPa	9,0	17,0
Maximum power consumption	W	15	25
Maximum sound power (2)	dB(A)	53	51
Heating performances (W 45/40 °C; A 20 °C) (3)			
Heating capacity	kW	1,80	3,06
Water capacity	L/h	304	510
Pressure drop	kPa	10,0	16,0
Maximum power consumption	W	15	25
Maximum sound power (2)	dB(A)	53	51
Hydraulic data			
Maximum operating pressure	bar	10	10
Hydraulic connections	" EK	3/4	
Electrical data			
Power supply	V/ph/Hz	230/1/50	230/1/50
Maximum absorbed current	A	0,06	0,10
Power consumption at the minimum speed	W	3,1	3,6
Aeraulic data			
Booster air flow rate (4)	m ³ /h	303	473
Maximum air flow rate	m ³ /h	272	422
Average air flow rate	m ³ /h	207	306
Minimum air flow rate	m ³ /h	101	151
Superminimum air flow rate	m ³ /h	63	78
Sound data			
Sound pressure level at maximum air flow	dB(A)	42	41
Sound pressure level at medium air flow	dB(A)	34	33
Sound pressure level at minimum air flow	dB(A)	25	24
Product dimensions and weight			
Width	mm	650	793
Height	mm	440	540
Total depth	mm	131	131
Net weight	kg	13,1	17,3

1 Water temperature at coil inlet 7 °C, Water temperature at coil outlet 12 °C, Ambient air temperature 27 °C b.s. and 19 °C b.u. (according to EN 1397) - maximum speed and useful head 0 Pa

2 Sound power measured according to EN 16583

3 Water temperature at coil inlet 45 °C, Water temperature at coil outlet 40 °C, Ambient air temperature 20 °C b.s. and 15 °C b.u. (according to EN 1397) - maximum speed and useful head 0 Pa

4 Air flow rate measured with clean filters





BUTLER[®] PRO



BUTLER[®] TOUCH
with built-in display

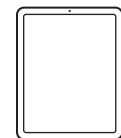
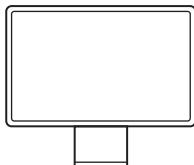
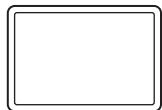
Display



BUTLER[®] by WEB

Local PC

Tablet e Mobile



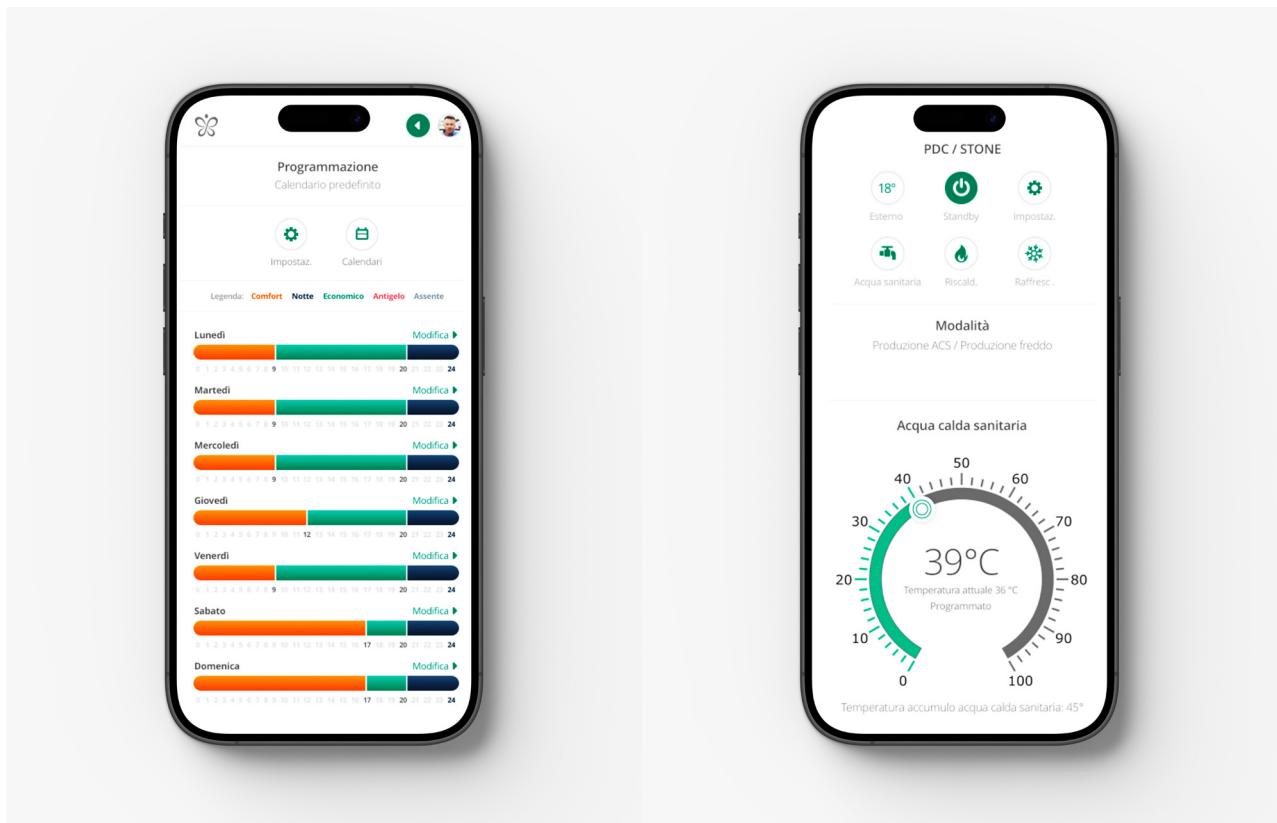
The advanced plant control

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 you to connect the heat pump, controlled mechanical ventilation system, fan coils and all the other system elements via a serial connection.

BUTLER[®] 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.





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

Eetwork 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

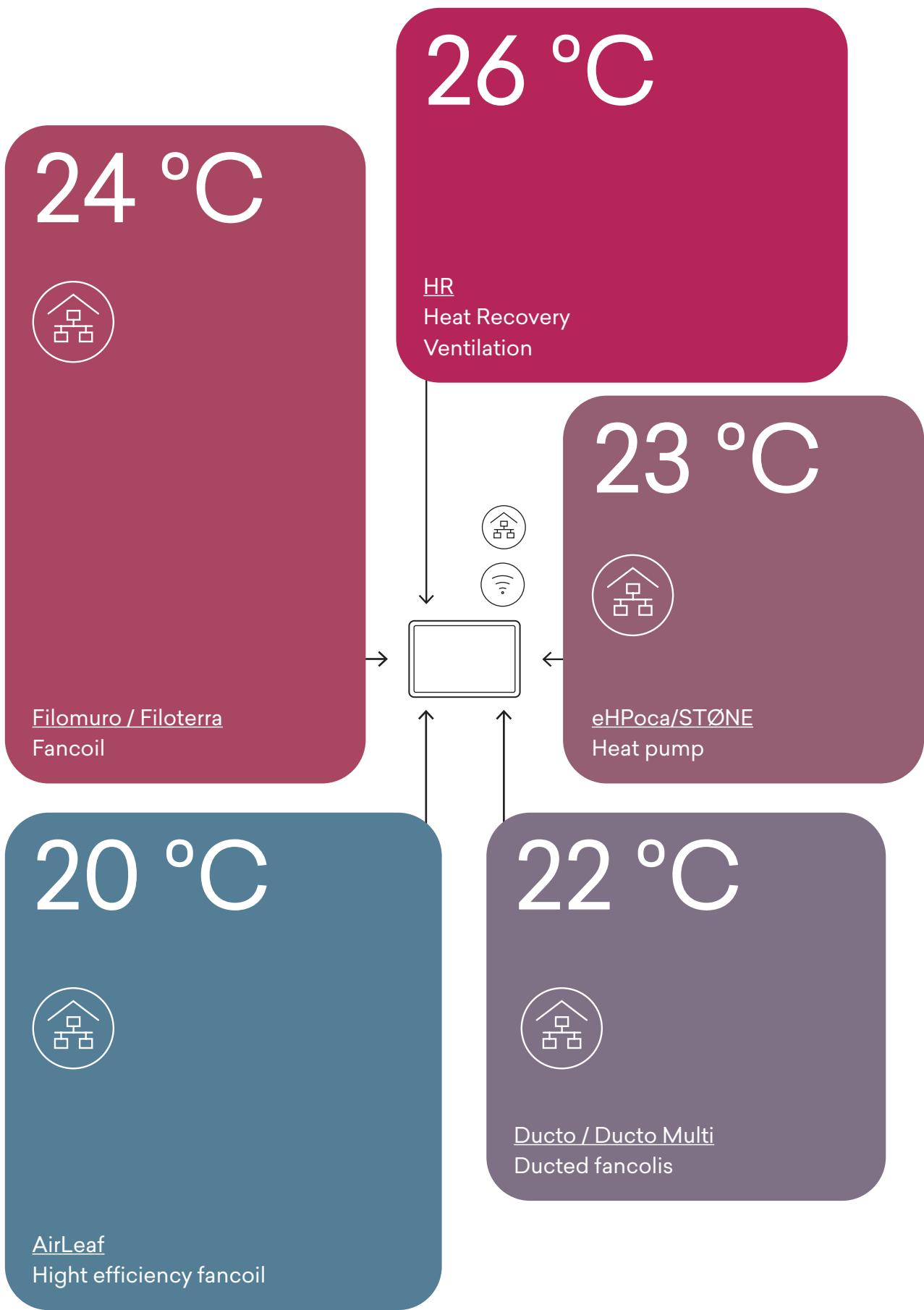
Remote assistance

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

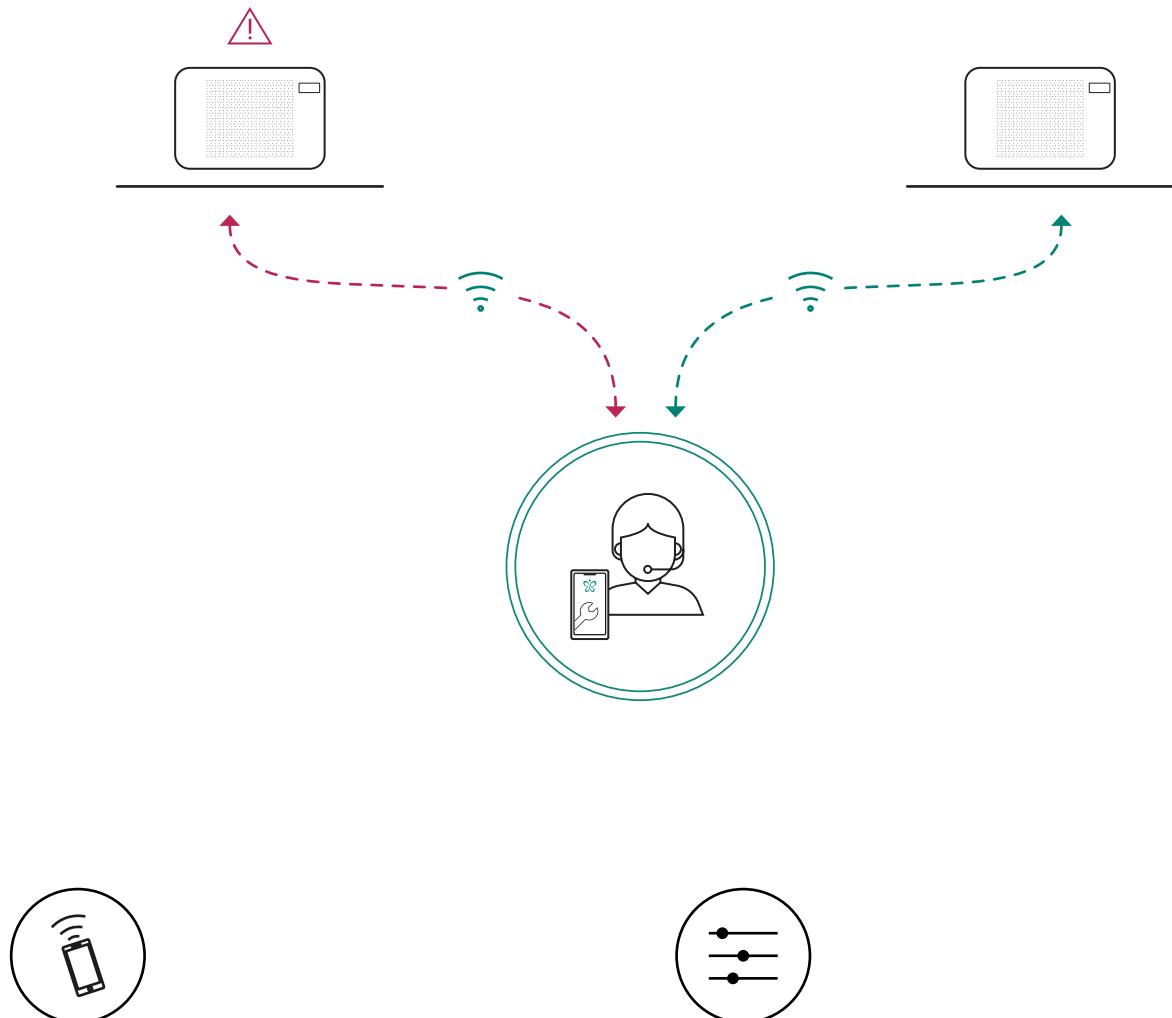
Control by room

Room-by-room control with BUTLER you can set a weekly time-based calendar, create scenarios for each room or by zones, change settings so that your home is at the right comfort level at the time you need it





Web Server BUTLER PRO



Remote assistance

With the user's consent, BUTLER^{PRO}, 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^{PRO}. Any operating anomalies can be transmitted automatically from the BUTLER^{PRO} 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.





Network commands

For remote control and fancoils network management.

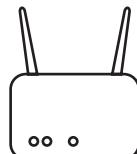
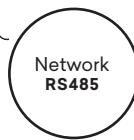
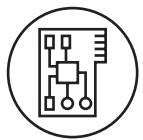
Web Server BUTLER.

Fancoils with controls
cod:

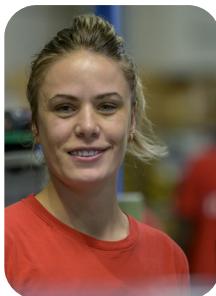
ECA044II - EEB749II

BUTLER^{PRO}

Kit Web Server BUTLER^{PRO} for
local and remote control of
fancoil networks.







Ideas, products, people.



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Osmo design

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Ottavio Tomasini

Special thanks to:

Akira Nishikawa

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Edizione 2025/1

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