innova

Filomuro

The wall fancoil

We wanted to create the best high wall fancoil. Today, it is also smaller.

SWI

Filomuro

SW

SW XL

Filomuro

The thinnest and most quietest in its class.

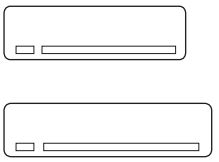
Filomuro range fan coils stand out for their depth: only 128 mm. The minimum visual encumbrance to fit elegantly into any environment, domestic or office, and adapt to any type of furniture.
An extremely thin and also super silent fancoil thanks to a careful study of the product design, the choice of the best materials-such as the metal structure that minimizes vibration- and the perfectly optimized tangential fan.

More space for furniture and furnishings

All the main functions can be set directly on the unit thanks to the highly intuitive touchscreen display, with the infrared remote control or with remote control. .
A design solution - made entirely of metal - that perfectly meets the needs of architects and designers who, thanks to Filomuro, no longer have boundaries in interior design.
A fan coil that guarantees heating, cooling and dehumidification, minimizing the overall dimensions and operating costs.

Wall installation

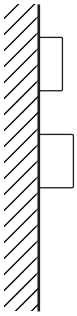
Filomuro Slim Fit
Filomuro Slim Fit XL



Built-in installation

Filomuro Incasso

Wall installation



Built-in installation

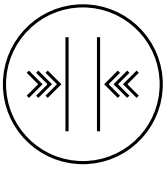
A concentrate of technology

All the main functions can be set directly on the unit with the high-intuitive touchscreen display, with the infrared remote control or with remote control.
Thanks to the Web Server card cabled in the local network, it is possible to remotely manage the various fancoils.
Fancoils in the Filomuro range can also be integrated with current remote control systems and interfaced easily with the most popular home technology systems

Control mode
Advanced and easy controls Wi-Fi, ModBus or Bluetooth

By the touch screen and remote control

By remote control (optional)

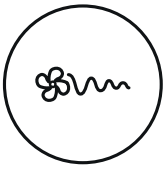


THIN

Extremely slim (only 128 mm), fancoils of the Filomuro range fits to any residential dwelling reducing at maximum its presence and adapting to any type of internal decoration.

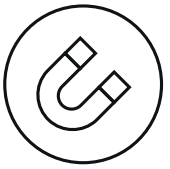
SILENT

An accurate design of the product structure along with the use of state of the art materials and a tangential fan perfectly optimized, allow to reach unbelievably low noise levels.



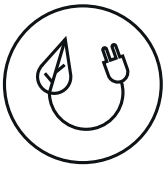
MODULATED AIRFLOW

Thanks to its continuous modulating motor, all inconveniences of standard “on off” products are eliminated- the air stream is modulated and never disturbing.



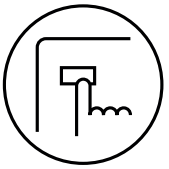
FULL METAL BODY

The full metal body structure gives stiffness, absence of vibrations and long life of the unit.



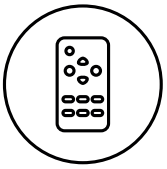
DC INVERTER

Thanks to the newest DC Inverter technology, fan coils in the Filomuro range have extremely low electrical consumption and perfect stability of functioning.



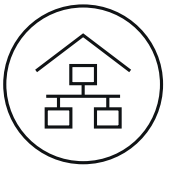
TOUCH-SCREEN

All main functions can be selected straight on board thanks to a large and easy to use display.



INFRARED REMOTE CONTROL

The remote control permits the best flexibility and easiness of use – push buttons have large dimensions and pictograms are clear and easy to understand.



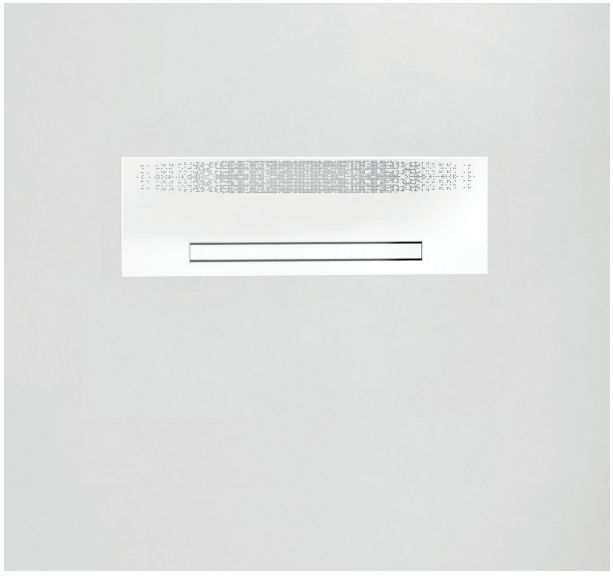
ETHERNET / DOMOTICA

Fancoils in the Filomuro range can be integrated with the most complex and modern systems of remote management thanks to sophisticated electronics that can be easily integrated with the most diffused building management systems.

The versions

Filomuro Slim Fit

The INNOVA wall-mounted fancoil in the version with exposed view, able to express the maximum of elegance.
Now it is even more compact with a reduced width of 11 cm in relation to the previous version.



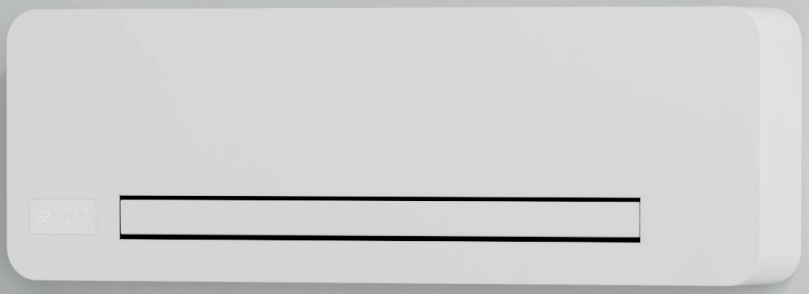
Filomuro Incasso

The wall-mounted INNOVA totally recessed fancoil with rasomuro installation thanks to a concealed aesthetic cover panel.

Filomuro Slim Fit XL

With more depth and more power.
Now even more compact with a reduced width of 11 cm in relation to the previous version.

Filomuro Slim Fit



EXTREMELY SLIM
Width reduced by 11 cm compared with the previous version.

MODULATED AIRFLOW

DC INVERTER
Maximum comfort with the lowest consumption.

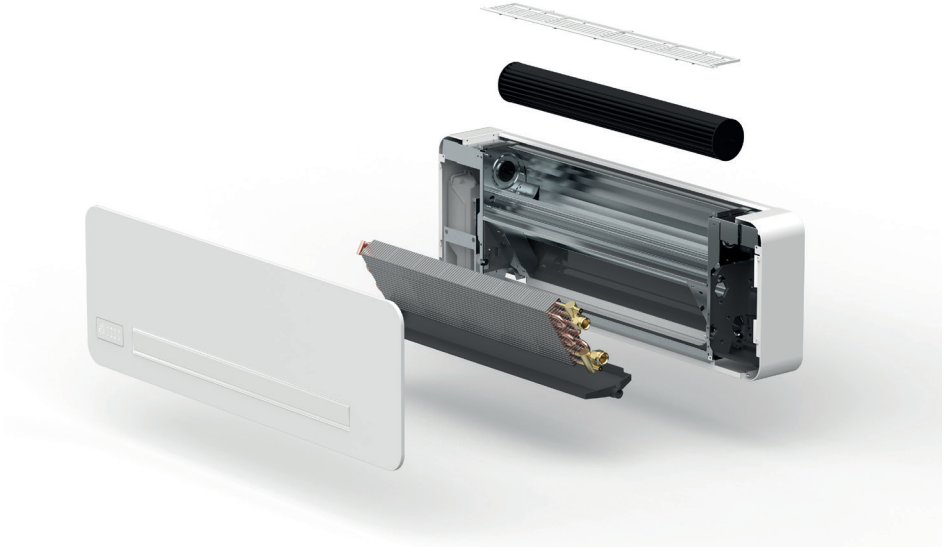
QUIET OPERATION

The wall-mounted fancoil high wall

Filomuro Slim Fit (SW) is characterized by an extremely reduced depth (only 128 mm) and even reduced width with 11 cm smaller than the previous version. Extremely refined and elegant design able to fit into any environment.

Modulated air flow

Maximum comfort with minimum consumption



Filomuro Incasso

RASOMURO
Aesthetic cover panel flush with the wall.

MODULATED AIRFLOW

DC INVERTER
Maximum comfort with minimum consumption.

QUIET OPERATION

Fully aligned with the wall

Filomuro built-in (SWI) is the innovative solution that allows water terminals to be recessed into the upper wall, therefore able to provide summer and winter comfort without taking up any useful space.

Complete for top-quality installation

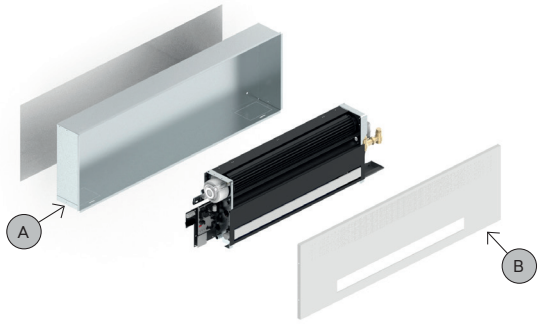
Built-in metal formwork and cosmetic flush-mounted cover panel for perfect integration in the surrounding architecture.

A Formwork complete with adhesive plaster holder nets.

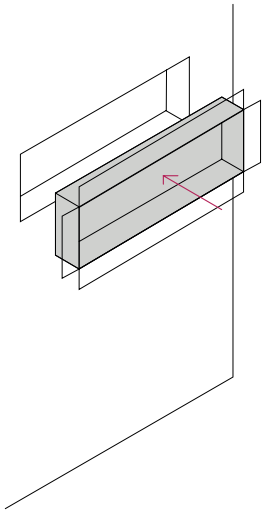
Cod. L01045II - L01046II - L01047II

B Vertical rasomuro aesthetic panel.

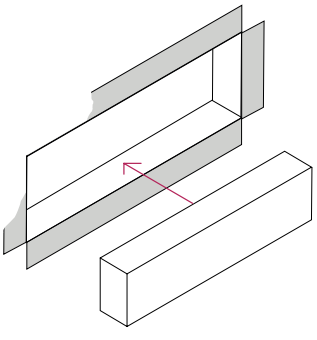
Cod. LC1092II - LC1093II - LC1094II



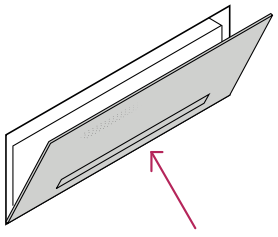
Installation phases flush-mounted wall



1. Positioning of the recessed formwork in the wall complete with front support panel to prevent deformation of the formwork during installation.

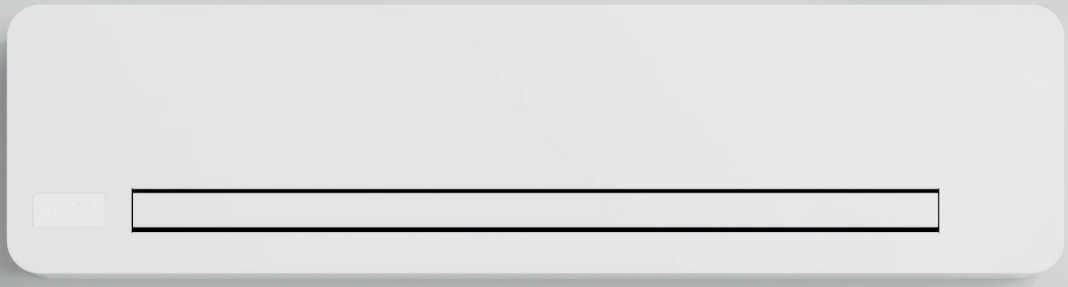


2. Performing the shaving of the wall. Connecting the connections to the system from three different positions, from the back, side or bottom.



3. Installing rasomuro aesthetic panel.

Filomuro Slim Fit XL



MAXIMUM POWER

MODULATED AIRFLOW

DC INVERTER
Maximum comfort with minimum consumption

QUIET OPERATION

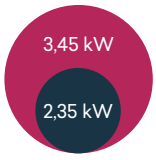
The Filomuro with the most power

Extra power is sometimes needed for installations in large halls or indoor areas, for instance.
Filomuro XL (SW XL), capable of generating extra power with a minimum increase in the depth of the appliance, was created specifically for these needs.
Hydraulic connections on the right side only, not reversible.

Total cooling capacity

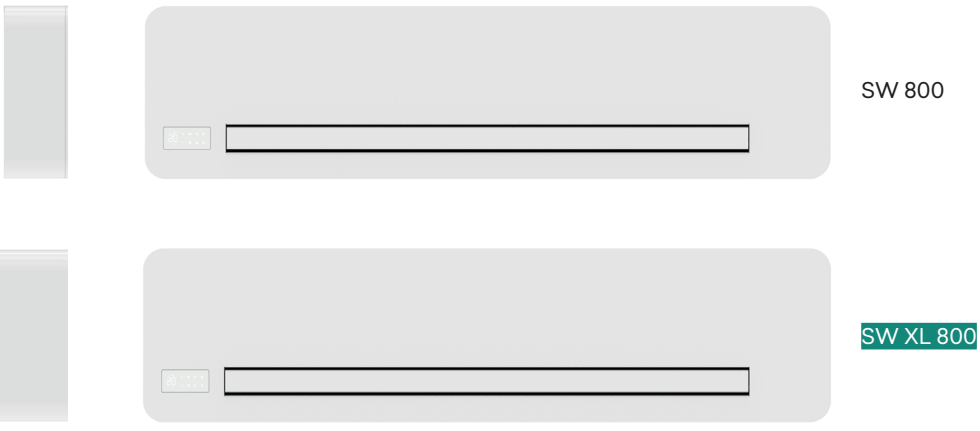
- **SW XL**
- **SW**

Heating capacity



- **SW XL**
- **SW**

So much more for so little.



Easy installation

1

Slim depth

Compared with the previous series, the Slim Fit versions reduce the width by 11 cm for the same size. This is an exceptional technical result that, combined with the sound level and performance, allows perfect positioning in any environment.

2

Display touch screen

Wide, easy to understand and to use: no difficulty in selecting any possible request for the best domestic comfort (as an alternative to the other types of controls).

3

Dx -→ sx

Hydraulic connections are on the RIGHT and can be fitted on the LEFT only at the factory.
For the SW XL version, the hydraulic connections are only on the right and are not reversible.

SW XL

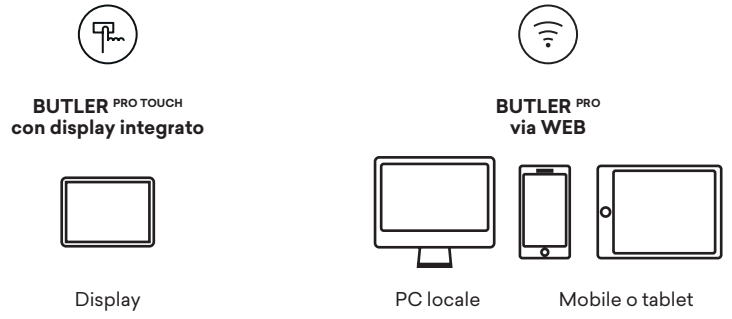
BUTLER PRO,
il controllo evoluto dell'impianto

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

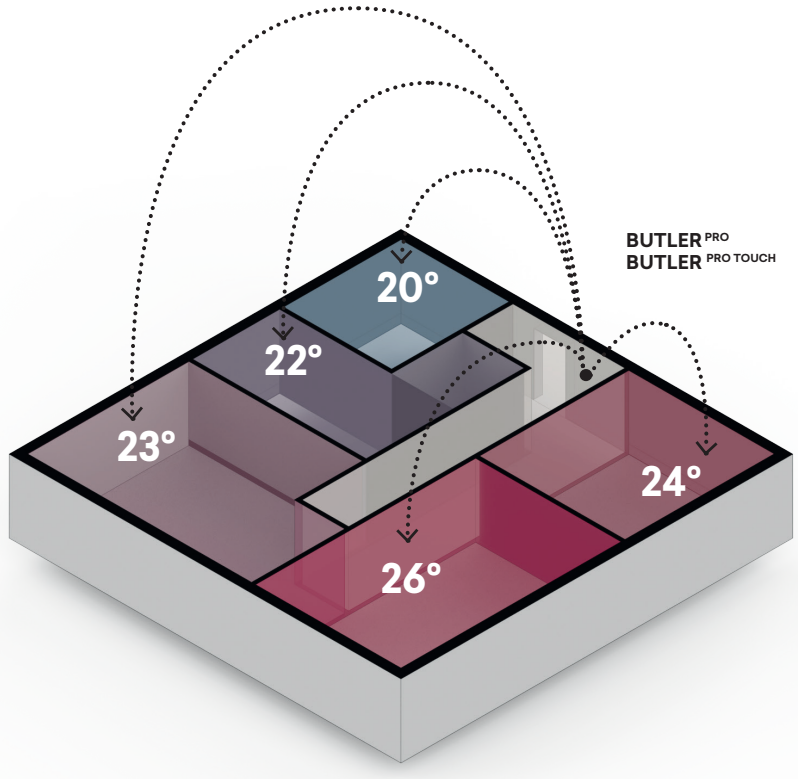
BUTLER PRO
settings and display via smartphone / tablet / computer only with internet connection.
Installation on a 35 mm DIN rail in the electrical cabinet of the heat pump or in the electrical cabinet of the house.

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.



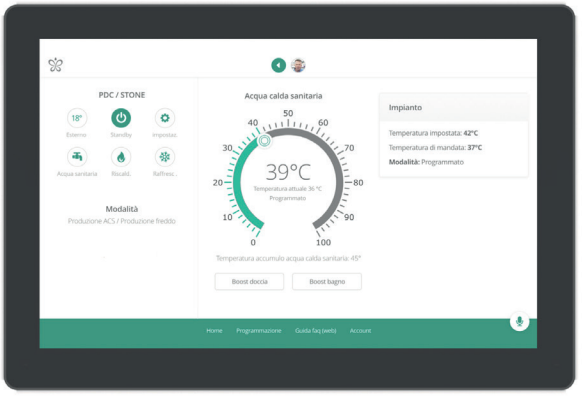
ROOM-BASED CONTROL

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
- **Etwork 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

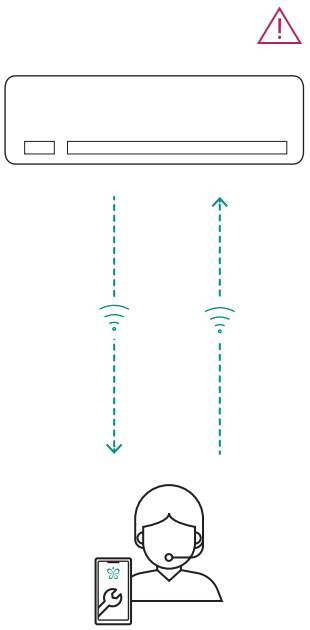


A **WEEKLY SCHEDULING**

B **DOMESTIC HOT WATER SETTINGS**

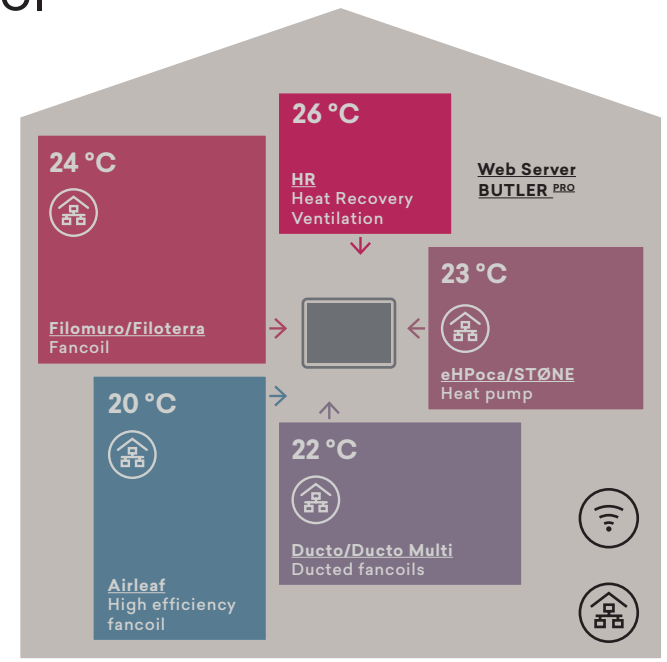
Remote assistance

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 in-tervene by modifying the functional parameters or decide to physically intervene by providing a quick and timely service.



Total control

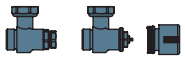
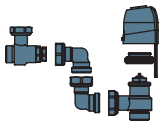
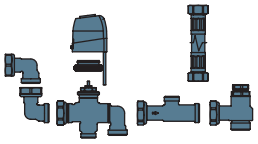
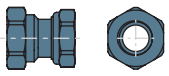
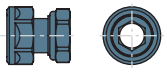
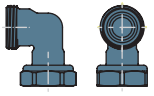
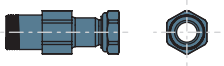
The advantage of choosing a complete INNOVA system is that, for any need, we are the only reference both for routine maintenance and for assistance purposes. A complete and high quality service.



Product models and combinations

	FILOMURO SLIM FIT	FILOMURO INCASSO	FILOMURO SLIM FIT XL
WITH TOUCHPAD AND REMOTE CONTROL Remote control included Touch screen integrated	SW 400-0Q00 SW 600-0Q00 SW 800-0Q00	—	SW XL 800-0Q00
NEW **FOR CONNECTION WITH M7 SERIES REMOTE CONTROLS - BLUETOOTH** White: **EGB749II** Modulating speed PI logic Touch interface Controls up to 16 units Bluetooth Not included	SW 400-0B00 SW 600-0B00 SW 800-0B00	SWI 400-0B00 SWI 600-0B00 SWI 800-0B00	SW XL 800-0B00
NEW **FOR CONNECTION WITH M7 SERIES REMOTE CONTROLS** White: **EEB749II** **With WiFi function** White: **EFB749II** PI Logic Touch interface Controls up to 16 units RS485 ModBus port for BUTLER or BMS connection Not included	SW 400-0R00 SW 600-0R00 SW 800-0R00	SWI 400-0R00 SWI 600-0R00 SWI 800-0R00	SW XL 800-0R00
PER COLLEGAMENTO CON COMANDI REMOTI serie smart touch 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 Not included	SW 400-0P00 SW 600-0P00 SW 800-0P00	SWI 400-0P00 SWI 600-0P00 SWI 800-0P00	SW XL 800-0P00
FOR CONNECTION WITH REMOTE CONTROLS (modulating speed) **B3V151II** Wall control with thermostat, summer/winter switch and speed selector. Not included	SW 400-0T00 SW 600-0T00 SW 800-0T00	SWI 400-0T00 SWI 600-0T00 SWI 800-0T00	SW XL 800-0T00
FOR 0-10V CONNECTION Analogic input	SW 400-0V00 SW 600-0V00 SW 800-0V00	SWI 400-0V00 SWI 600-0V00 SWI 800-0V00	SW XL 800-0V00

Hydraulic kits and valves

	**I20686II**	2 way valve group with manual closure for Filomuro and Filomuro built-in (*)
	I20205II	2 way valve group with manual closure for Filomuro XL (*)
	**V20687II**	2 way valve group (water inlet valve, shut off valve and electro thermal motor) for Filomuro and Filomuro built-in (*)
	V20139II	2 way valve group (water inlet valve, shut off valve and electro thermal motor) for Filomuro XL (*)
	**V30688II**	3-way diverter valve group with thermoelectric motor (complete with 3-way inlet valve and lock-shield) for Filomuro and Filomuro built-in (*)
	V30718II	3-way diverter valve group with thermoelectric motor (complete with 3-way inlet valve and lock-shield) for Filomuro XL (*)
	**AI0200II**	Pair of adapters 3/4 F Eurokonus > 1/2 Female
	**AI0201II**	Pair of adapters 3/4 F Eurokonus > 3/4 Female
	**AI0203II**	Eurokonus 90° L - fitting
	AI0612II	Pair of adapters for flat gasket
	**AI0501II**	Distance piece for valve assemblies (1 piece)

(*) Accessori che possono essere installati in fabbrica senza aggravio di prezzo.

Technical data sheets

			Filomuro Slim Fit	Filomuro Incasso	Filomuro Slim Fit	Filomuro Incasso	Filomuro Slim Fit	Filomuro Slim Fit XL	Filomuro Incasso
Models			**400**		**600**		**800**		
Cooling performances (W 7/12 °C; A 27 °C)									
Total cooling capacity	(1)	kW	1,24	1,24	1,61	1,61	1,94	3,12	1,94
Sensible cooling capacity	(1)	kW	0,98	0,98	1,27	1,27	1,52	2,51	1,52
Water flow	(1)	L/h	208	208	279	279	365	537	365
Pressure drop	(1)	kPa	11,7	11,7	5,1	5,1	5,3	11,5	5,3
Heating performances (W 45/40 °C; A 20 °C)									
Heating capacity	(2)	kW	1,50	1,50	2,01	2,01	2,35	3,45	2,35
Water capacity	(2)	L/h	260	260	349	349	451	593	451
Pressure drop	(2)	kPa	16,3	16,3	7,2	7,2	8,1	12,5	8,1
Hydraulic data									
Coil water content		L	0,50	0,50	0,61	0,61	0,77	1,54	0,77
Maximum operating pressure		bar	10	10	10	10	10	10	10
Hydraulic connections		“EK				3/4			
Aeraulic data									
Air flow at the maximum fan speed		m³/h	228	228	331	331	440	788	440
Air flow at the medium fan speed		m³/h	155	155	229	229	283	480	283
Air flow at the minimum fan speed		m³/h	84	84	124	124	138	230	230
Static pressure available		Pa	10	10	10	10	10	10	10
Electrical data									
Power supply		V/ph/ Hz				230/1/50			
Power consumption at the maximum speed		W	19	19	20	20	29	52	29
Sound pressure level at medium air flow		A	0,10	0,16	0,12	0,18	0,16	0,25	0,26
Power consumption at the minimum speed		W	5	5	5	5	5	9	5
Sound data									
Maximum sound power level	(3)	dB(A)	53	53	54	54	55	62	55
Sound pressure level at maximum air flow	(4)	dB(A)	40	40	41	41	42	51	42
Sound pressure level at medium air flow	(4)	dB(A)	33	33	34	34	34	37	34
Sound pressure level at minimum air flow	(4)	dB(A)	25	25	25	25	26	27	26
Product dimensions and weight									
Total widh	(5)	mm	815	804	1015	1004	1215	1215	1204
Total height	(5)	mm	335	307	335	307	335	335	307
Total depth	(5)	mm	128	128	128	128	128	215	128
Net weigth		kg	14,0	14,0	16,0	16,0	19,0	24,0	19,0

(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)
(2) 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)
(3) Sound power measured according to EN 16583
(4) Sound pressure measured at a distance of 1 m according to ISO 7779
(5) Dimensions refer to the machine body without accessories. For dimensions of the formwork and aesthetic panel, refer to the respective accessories

SW

SW

SW

CREDITS

Product Designer
Luca Papini
Art Direction & Graphic
Osmo Design
Photography
Ottavio Tomasini
Special thanks to
Akira Nishikawa

©All rights reserved - photographs, images and texts are protected by copyright, any use of all or part of them not expressly authorised by INNOVA will result in consequent sanctions.
INNOVA reserves the right to make changes at any time to its products, accessories and technical data in order to improve its offer.

Ideas
that become
reality.

innova

INNOVA s.r.l.
Via 1° Maggio, 8
38089 Storo (Tn)
Tel. +39 0465 670104
Fax: +39 0465 674965
info@innovaenergie.com

innovaenergie.com

Edizione 2023/1.01