

# AirLeaf

Fancoils for high efficiency heating and cooling



Beautiful, thin, silent. Comfort has found its shape.



SL





SL











SLS - SL



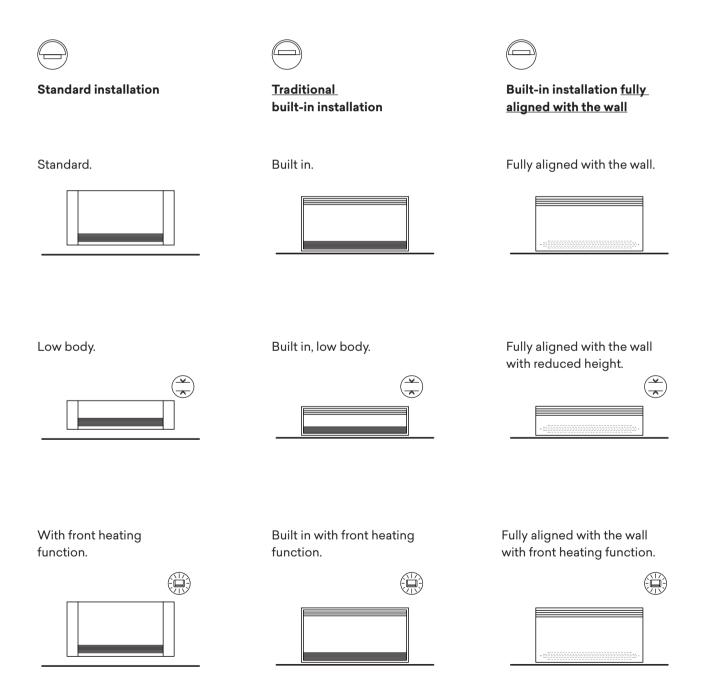


# AirLeaf

# The hydronic fan coil for heating, cooling and dehumidification.

AirLeaf can be installed in any ambient thanks to its elegant design and particularly small dimensions (only 129 mm deep!). AirLeaf can be combined with low temperature generators such as: heat pumps, condensing boilers, integrated systems with solar panels. AirLeaf reaches the selected temperature in the shortest possible time and keeps it constant in the utmost silence, thanks to the fan in continuous automatic modulation.

# Installation modes.







5 different capacities.



2 aesthetic versions for the mobile versions
(with front grille and with "full flat" motorised front panel).



2 and 4 pipe versions.



2 aesthetic versions for the built-in versions
(with traditional panel and with flush panel).









## **SLIM SIZE**

**NOISELESS** 

With only 129 mm depth AirLeaf can be installed in any home or residential environment.

The continuous modulating fan is progressively reducing the speed whilst reaching the set point, so to guarantee the perfect silence of operation.





## **MODULATED AIRFLOW**

While standard 'on-off' products alternate between annoying draughts and moments of absolute standstill, with AirLeaf the air movement is both effective and imperceptible.

# **ETHERNET / DOMOTICS**

AirLeaf can be integrated into the most complex and modern remote management systems thanks to sophisticated electronics that can be easily interfaced with the most popular home automation systems.







# **DC INVERTER**

## **CONTROLS**

Thanks to this newest technology, AirLeaf has extremely low electrical consumption and perfect stability of functioning.

Smart Touch controls of the highest aesthetic and functional level, in a complete range of variants and versions.





### **RANGE**

# **COLOURS**

An almost infinite variety of versions, sizes, colours, fittings, finishes.... To find the right product for every need.

1 standard colour (white RAL 9003). Possibility of producing any other RAL colour on request.

# The versions



# SL

Fancoils for high efficiency heating and cooling.



# SLS

Low height fancoils for high efficiency heating and cooling.



# RS

Fancoils for air conditioning with frontal radiant effect.



# SLI, RSI, SLSI

Fancoils for built-in air conditioning.

# AirLeaf SL



#### CI IM

Extremely slim, only 129 mm deep.



MODULATED AIR FLOW



#### **DC INVERTER**

Maximum comfort with minimum consumption.



SILENT OPERATION



# With visible cabinet.

The 129 mm depth is the result of an innovative design. The fan is tangential with asymmetrical blades and the exchanger has a large frontal surface area, thus obtaining air flows with low load losses and great silence. The efficiency is very high with energy consumption of just a few Watts. The fan speed is no longer "stepped" but continuously modulated with proportional and integrative logic: this reduces both noise and annoying air movements.

# Versions and accessories

# 2-pipe version



#### Colour



#### Grill

System



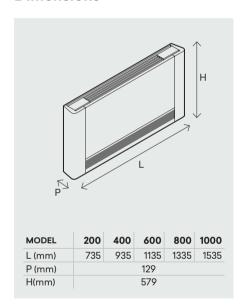
Version with front intake grille.

# Full Flat

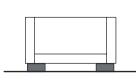


Full flat version with motorised intake panel.

### **Dimensions**

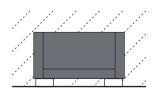


#### Feet



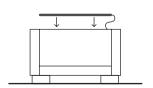
Feet for anchoring to the ground and covering pipes from below.

#### Back cover panel



Back cover panel in case of installations with visible rear.

#### UVC lamp



Air sterilisation device with UVC lamp.

# AirLeaf SLS



#### MI IS

Extremely slim, only 129 mm deep.



MODULATED AIR FLOW



#### **DC INVERTER**

Maximum comfort with minimum consumption.



SILENT OPERATION

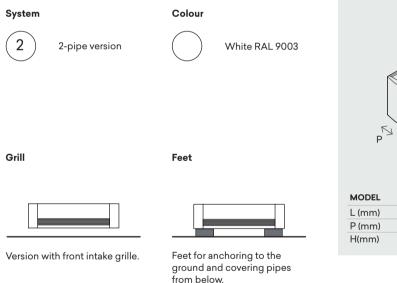


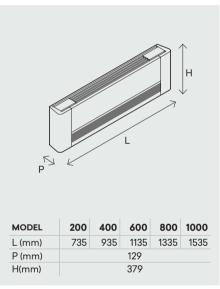
# With lowered visible cabinet.

Elegant, slim... and also small. The SLS model is reduced in height (only 379 mm), therefore suitable for all situations where the limited size of the wall behind it does not allow the insertion of a traditional model: attics with low wall height, offices with high windows, galleries and corridors where the presence of the fancoil must be discreet... and other situations foreseen by designers and planners. SLS therefore lends itself to many different installation possibilities.

## Versions and accessories

# Dimensions







# AirLeaf RS



#### CI IM

Extremely slim, only 129 mm deep.



### RADIANT EFFECT

Front panel heating and high static output with the fan switched off.



#### **DC INVERTER**

Maximum comfort with minimum consumption.



SILENT OPERATION





# With visible cabinet and frontal radiant effect.



Versions and accessories

#### System



2-pipe version

#### Colour



White RAL 9003

AirLeaf RS, with the same size and design as the SL models, adds a special radiant effect of the front panel to the classic convection and fan operation, thus increasing the well-being of the environment in which it is installed.

The operating principle is based on the use of micro fans with very low consumption, absolutely silent, that send hot air taken from the coil towards the internal part of the front panel, heating it. In this way the fancoil delivers significant heating power even without the main fan running. The set temperature can thus be maintained without any particular air movement and in complete silence. In summer, the air flow generated by the micro-fans is interrupted to prevent condensation forming on the front wall. This unique system avoids the functional complications and poor reliability of integrated systems with special radiators and valves.

#### Grill



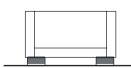
Version with front intake grille.

#### **Full Flat**



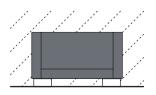
Full flat version with motorised intake panel.

### Feet



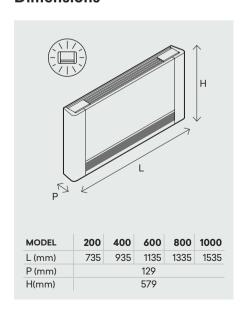
Feet for anchoring to the ground and covering pipes from below.

# Back cover panel



Back cover panel in case of installations with visible rear.

### **Dimensions**



# AirLeaf SLI, RSI, SLSI



#### **BUILT-IN INSTALLATION**

Extremely thin, it disappears inside the wall.



MODULATED AIR FLOW



#### **DC INVERTER**

Maximum comfort with minimum consumption.

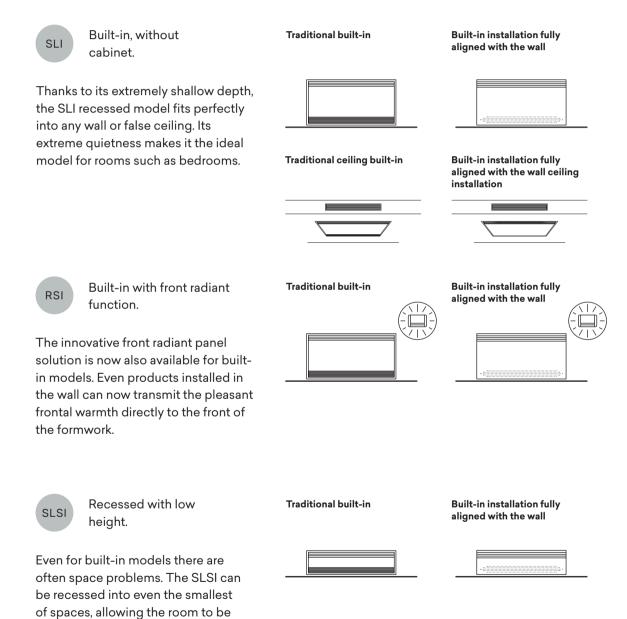


SILENT OPERATION



# AirLeaf traditional built-in installation and fully aligned the wall

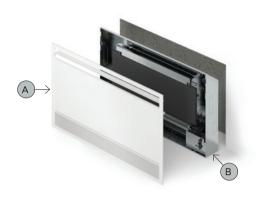
conditioned as desired.



# <u>Traditional</u> built-in configuration options.

## Wall built-in

SLI-RSI-SLSI



A Aesthetic panel for vertical built-in wall installation

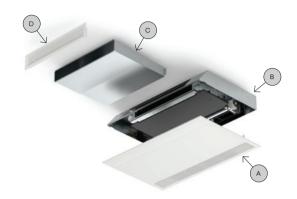
Cod. SLI / RSI - LC0578II ÷ LC0582II SLSI - LC0692II ÷ LC0696II SLI 4 TUBI - LC0759II ÷ LC0763II

B Built-in metal casing.

Cod. SLI / RSI - L00568II ÷ L00572II SLSI - L00700II ÷ L00704II SLI 4 TUBI - L01064II ÷ L01068II

# Ceiling built-in

SLI



Aesthetic panel for horizontal built-in ceiling installation.

Cod.

SLI - LC0618II ÷ LC0622II SLI 4 TUBI - LC0764II ÷ LC0768II

B Built-in metal casing.

Cod.

SLI - L00568II ÷ L00572II SLI 4 TUBI - L01064II ÷ L01068II C Airflow duct.

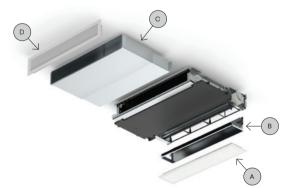
**Cod.** DB1060II ÷ DB0164II

Aluminium delivery vent with straight profile.

Cod. DR0321II ÷ DR0325II

# Ceiling built-in

SLI



Aluminium inlet grille with straight profile.

Cod. DR0326II ÷ DR0330II

B Air intake fitting.

Cod. DB0194II ÷ DB0198II

C Airflow duct.

Cod. DB0160II ÷ DB0164II

Aluminium delivery vent with straight profile.

Cod. DR0321II ÷ DR0325II

## Ceiling built-in

SLI



Aluminium inlet grille with straight profile.

Cod. DR0559II ÷ DR0563II

B Air intake fitting.

Cod. DB0194II ÷ DB0198II

C Air outlet duct with 90° bend.

**Cod.** DB0165II ÷ DB0169II

Aluminium delivery vent with straight profile.

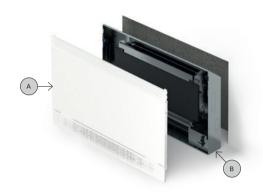
Cod. DR0550II ÷ DR0554II



# Built-in installation <u>fully</u> <u>aligned with the wall</u> options.

# Built-in installation fully aligned with the wall

SLI-RSI-SLSI



Aesthetic panel for vertical built-in wall installation.

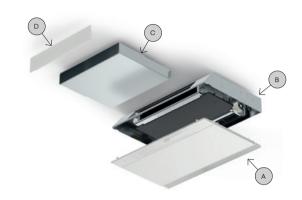
Cod. SLI / RSI - LC1081II ÷ LC1085II SLSI - LC1095II ÷ LC1099II

Built-in metal casing.

**Cod.** SLI / RSI - L01040II ÷ L01044II SLSI - L01049II ÷ L01053II

# Ceiling built-in installation fully aligned with the wall

SLI



Aesthetic panel for horizontal built-in ceiling installation.

Cod. LC1086II ÷ LC1090II

C Airflow duct.

Cod. DB0160II ÷ DB0164II

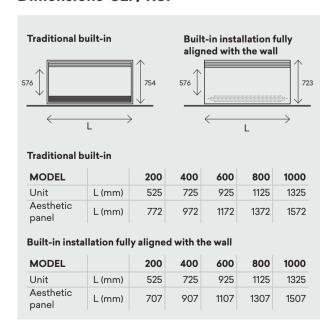
B Built-in metal casing.

Cod. L01040II ÷ L01044II

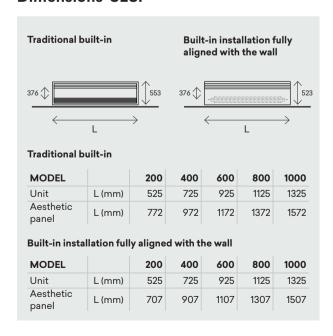
Aluminium delivery vent with straight profile.

Cod. DR0321II ÷ DR0325II

### **Dimensions SLI/RSI**



### **Dimensions SLSI**



# advanced control of the system

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

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

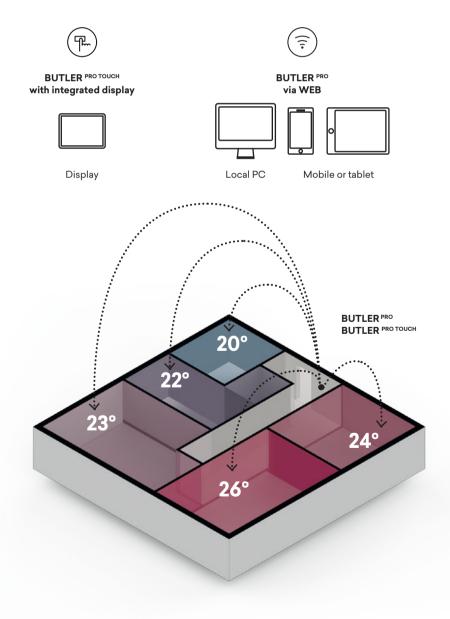
settings and display via the Can be connected to the internet remotely via smartphone / tablet / computer. Recessed wall

The pre-installation box is supplied separately.

integrated 10" touch screen. installation.

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

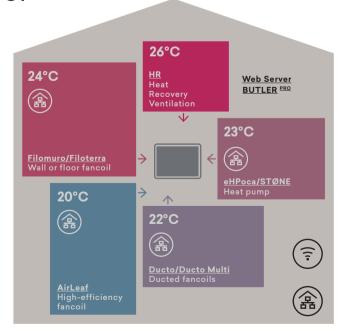


- A WEEKLY SCHEDULING
- B DOMESTIC HOT WATER SETTINGS

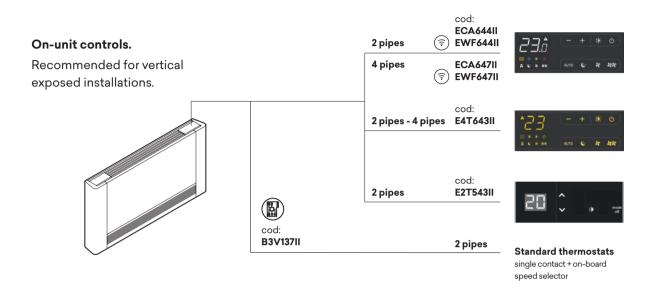


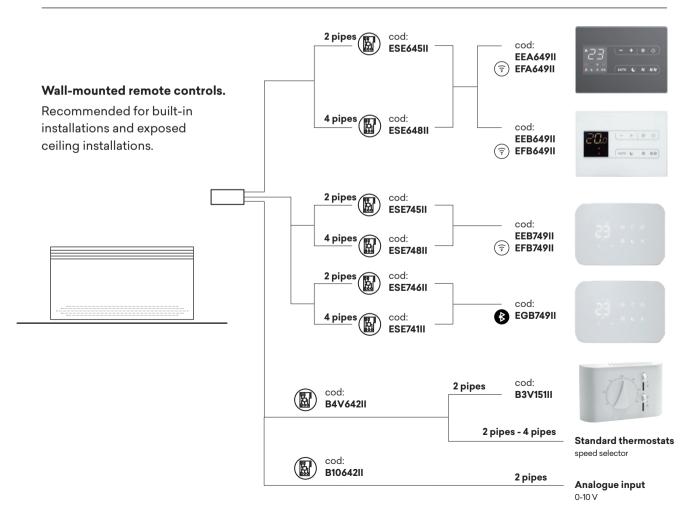
Total control

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.



# **Smart Touch electronic controls for fancoils**







### **NEW**

### M7 series controls.

### Modulating speed.

**BOARD**:



2 pipes cod: ESE745II 4 pipes cod:

ESE748II

**INTERFACE:** 

- Pl Logic
- Touch interface
- Modulating speed
- · Controls up to 16 units
- RS485 modbus port for BUTLER or

BMS connection



2 and 4 pipes cod: EEB749II



EFB749II



2 pipes cod: ESE746II

4 pipes cod: ESE741II

- Pl Logic
- Touch interface
- · Controls up to 16 units
- Bluetooth



2 and 4 pipes

EEG749II

### On-board controls.

#### Recommended for vertical visible installations.



#### INTERFACE:

- Pl Logic
- · Smart Touch interface
- · Modulating speed

2 pipes	4 pipes
cod:	cod:
<b>ECA644II</b>	ECA647II
cod:	cod:
EWF644II	EWF647II



- Smart Touch interface
- · 4 fixed speeds

 2 pipes
 4 pipes

 cod:
 cod:

 E4T643II
 E4T643II



- Interface with 4 fixed speeds
- 2 pipes cod: E2T543II



Standard single-contact thermostats + on-board speed selector (without temperature probe)

cod: **B3V137II** 

# Wall mounting controls.

# Modulating speed.



2 pipes cod: ESE645II 4 pipes cod:

cod: ESE648II

### INTERFACE:

BOARD:

- Pl Logic
- Touch interface
- Modulating speed
- Controls up to 30 units
- RS485 modbus port for BUTLER or BMS connection





2 and 4 pipes cod: EEA649II



cod: **EFB649II** 

EEB649II

cod:

### Universal interface boards.



2 and 4 pipes cod: B4V642II



**2 pipes** cod: **B10642II** 

Analogue input 0 - 10 V (without temperature probe)

### Termostati abbinabili a B4V642II.

- Electromechanical
- Wall installation
- 3 speeds
- seasonal selector



**2 pipes** cod: **B3V151II** 

Standard thermostats with speed selector

2 pipes

4 pipes

# **Hydraulic kits**

	V20139II	SL SL FULL FLAT RS RS FULL FLAT	2-way valve group (inlet valve and lockshield) with thermoelectric motor (*)
	V20661II	SLS SLSI	Gruppo valvola 2 vie (valvola ingresso e detentore) con motore termoelettrico (*)
	V30361II	SL SL FULL FLAT RS RS FULL FLAT	3-way diverter valve unit with thermoelectric motor (complete with 3-way inlet valve and lockshield) (*)
	V30662II	SLS SLSI	3-way diverter valve unit with thermoelectric motor (complete with 3-way inlet valve and lockshield) (*)
	12020511	SL SL FULL FLAT RS RS FULL FLAT	Manual 2-way valve unit (*)
	12070511	SLS SLSI	Manual 2-way valve unit (*)
#####################################	V40219II	SL 4 tubi	2-way hydraulic unit for 4-pipe systems (*)
	V60221II	SL 4 tubi	3-way hydraulic group for 4 pipe system (*)
3 S S S S S S S S S S S S S S S S S S S	AI0200II	TUTTI	Couple of adapters 3/4 F Eurokonus > 1\2 Female
22	AI0201II	TUTTI	Couple of adapters 3/4 F Eurokonus > 3/4 Female
The state of the s	AI0203II	TUTTI	Eurokonus 90° L-fitting
	AI0501II	TUTTI	Raccordo distanziale per gruppi valvole (1 pezzo)
# # # # # # # # # # # # # # # # # # #	AI0612II	TUTTI	Couple of adapters for flat gasket





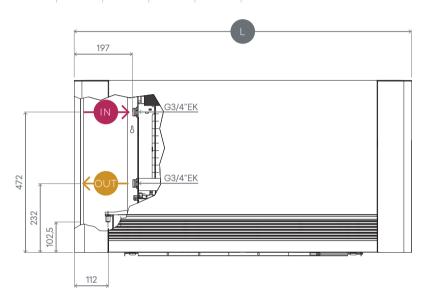
# Hydraulic connections.

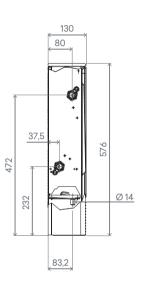
## LEFT -→ RIGHT

Also available with right-hand connections.

## SL/RS without valves.

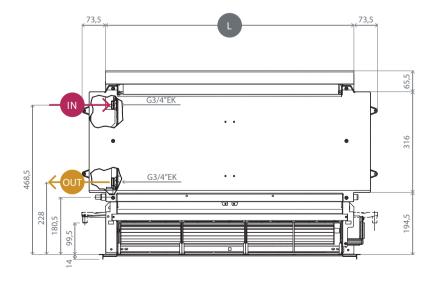
MODEL	200	400	600	800	1000
L (mm)	735	935	1135	1335	1535

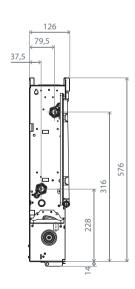




# SLI/RSI without valves.

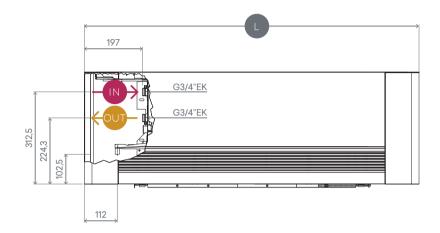
MODEL	200	400	600	800	1000
L (mm)	378	578	778	978	1178

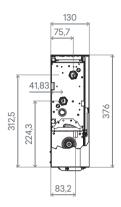




# SLS without valves.

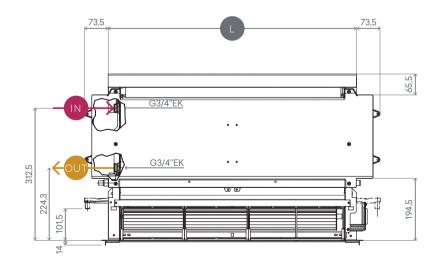
MODEL	200	400	600	800	1000
L (mm)	735	935	1135	1335	1535

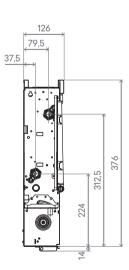




# SLSI

MODEL	200	400	600	800	1000
L (mm)	378	578	778	978	1178







# Installation accessories.

# Condensate drip tray for SL fancoil (with cabinet) horizontal ceiling installation.

(already included in SLI models)

#### Description

The accessory consists of an ABS tray that can be easily assembled to the terminal at the front of the terminal, underneath the aesthetic cover.

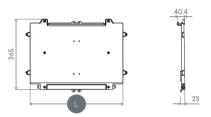
The tray is supplied with thermal insulation and fittings to facilitate positioning of the condensation drain.

#### **Functions**

The accessory enables the horizontal installation of SL models (2-pipe and 4-pipe) by collecting the condensate produced during cooling operation.

#### Codes

GB0520II	for SL "200"
GB052111	for SL "400"
GB052211	for SL "600"
GB0523II	for SL "800"
GB052411	for SL "1000"



MODEL	200	400	600	800	1000
L (mm)	481	681	881	1081	1281

AC

Configurable accessory: on request, can be assembled directly at the factory.

# Aesthetic backrest.

# Description

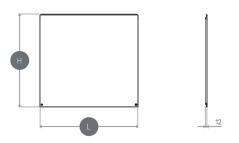
Aesthetic back panel for applications with the rear of the luminaire in view. It is made of galvanised sheet metal painted in the same colour as the terminals with epoxy powder coatings. Each backrest is individually packaged

### **Functions**

The accessory has an aesthetic function in installations where the rear of the luminaire is visible, such as when it is placed behind a display case or detached from the wall.

# Codes

LC017111	for SL "200" in white RAL 9003
LC0173II	for SL "400" in white RAL 9003
LC0175II	for SL "600" in white RAL 9003
LC017711	for SL "800" in white RAL 9003
LC017911	for SL "1000" in white RAL 9003



MODEL	200	400	600	800	1000
H (mm)	573	573	573	573	573
L (mm)	481	681	881	1081	1281

# Metal casing for traditional and fully aligned with the wall installation

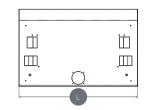
(2-pipe and 4-pipe version)

## Description

Galvanised sheet metal casing designed to be inserted into walls or false ceilings to house the terminal. Equipped with the necessary pre-brackets for the passage of plumbing pipes and electrical cables. The structure is coupled with the recessed cover panel described below.

#### **Functions**

They are particularly easy to use and very precise in their execution when used out of sight. The extremely limited depth allows them to be installed in both walls and very thin ceilings.





MODEL	200	400	600	800	1000
L (mm)	715	915	1115	1315	1515

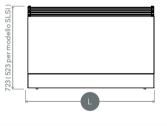
<u>Traditiona</u>	<u>ll</u> built-in for 2 pipes - Codes	Built-in in	stallation <u>fully aligned</u>	Metal cas	ing for 4 pipes - Codes
L00568II	for SLI/RSI "200"	with the v	vall 2 pipes - Codes	L01064II	for 4 pipes 200
L0056911	for SLI/RSI "400"	L01040II	for SLI/RSI "200"	L01065II	for 4 pipes 400
L0057011	for SLI/RSI "600"	L01041II	for SLI/RSI "400"	L01066II	for 4 pipes 600
L0057111	for SLI/RSI "800"	L01042II	for SLI/RSI "600"	L01067II	for 4 pipes 800
L0057211	for SLI/RSI "1000"	L01043II	for SLI/RSI "800"	L01068II	for 4 pipes 1000
		L01044II	for SLI/RSI "1000"		
L00700II	for SLSI "200"				
L0070111	for SLSI "400"	L01049II	for SLSI "200"		
L00702II	for SLSI "600"	L01050II	for SLSI "400"		
L00703II	for SLSI "800"	L0105111	for SLSI "600"		
L0070411	for SLSI "1000"	L01052II	for SLSI "800"		
		L0105311	for SLSI "1000"		
L00703II	for SLSI "800"	L01051II L01052II	for SLSI "600" for SLSI "800"		

# Aesthetic panel for vertical / horizontal metal casing fully aligned with the the wall.

(2-pipe version)

#### Description

The panel is designed for perfect coupling with the recessed formwork of the same size. It consists of a front panel, a removable grille for cleaning the air filters. The central part of the panel is easily removable for quick and complete maintenance of the appliances. The aesthetic finishes are of a high standard for perfect integration in the environment. The standard colour is white RAL 9003.





MODEL	200	400	600	800	1000
L (mm)	772	972	1172	1372	1572

### VERTICAL (wall installation) - Codes

LC1081II	for SLI/RSI "200"	LC1095II	for SLSI "200"
LC1082II	for SLI/RSI "400"	LC1096II	for SLSI "400"
LC1083II	for SLI/RSI "600"	LC109711	for SLSI "600"
LC1084II	for SLI/RSI "800"	LC1098II	for SLSI "800"
LC1085II	for SLI/RSI "1000"	LC109911	for SLSI "1000"

### ORIZZONTALE (a soffitto) - Codici

LC1086II	for SLI "200"
LC108711	for SLI "400"
LC1088II	for SLI "600"
LC108911	for SLI "800"
LC1090II	for SLI "1000"

# Telescopic air outlet duct for recessed ceiling installation.

# Description

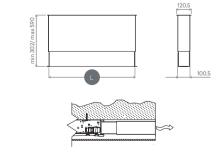
This accessory facilitates the application of SLI built-in terminals in false ceilings. Situations where the terminal itself cannot be directly connected to the air outlet (e.g. in the classic hotel room application).

## Functions

The telescopic duct is adjustable in length to better adapt to installation requirements. It is made of galvanised sheet metal, coated with insulation to prevent dew.

# HORIZONTAL (ceiling installation) - Codes

DB0160II for SLI "200" DB0161II for SLI "400" DB0162II for SLI "600" DB0163II for SLI "800" DB0164II for SLI "1000"



MODEL	200	400	600	800	1000
L (mm)	307,5	507,5	707,5	907,5	1107,5



# Aesthetic panel for traditional vertical / horizontal metal casing.

# (2-pipe and 4-pipe version)

### Description

The panel is designed for perfect coupling with the recessed formwork of the same size. Consisting of: an external frame, a front panel, a removable grille for cleaning the air filters and an adjustable deflector (vertical installation only) for deflecting the ambient air flow. The central part of the panel is easily removable for quick and complete maintenance of the appliances. The aesthetic finishes are of a high standard for perfect integration in the environment. The standard colour is white RAL 9003.

#### VERTICAL (wall installation) - Codes

LC0578II for SLI/RSI "200" LC0579II for SLI/RSI "400" LC0580II for SLI/RSI "600" LC0581II for SLI/RSI "800" I C0582II for SLI/RSI "1000" LC0692II for SLSI "200" LC0693II for SLSI "400" LC0694II for SLSI "600" LC0695II for SLSI "800" LC0696II for SLSI "1000"

#### Vertical aesthetic panel for 4 pipes - Codes

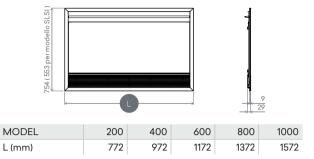
 LC0759II
 for 4 pipes 200

 LC0760II
 for 4 pipes 400

 LC0761II
 for 4 pipes 600

 LC0762II
 for 4 pipes 800

 LC0763II
 for 4 pipes 1000



# HORIZONTAL (ceiling installation) - Codes

LC0618II for SLI "200" LC0619II for SLI "400" LC0620II for SLI "600" LC0621II for SLI "800" LC0622II for SLI "1000"

#### Horizontal aesthetic panel for 4 tubes - Codes

 LC0764II
 for 4 tubi 200

 LC0765II
 for 4 tubi 400

 LC0766II
 for 4 tubi 600

 LC0767II
 for 4 tubi 800

 LC0768II
 for 4 tubi 1000

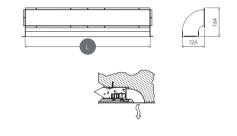
# 90° curved duct for false ceiling and recessed installation.

#### Description

90° curved duct made of galvanised sheet metal, internally coated with insulation. This accessory allows the air flow coming from the SLI built-in terminal to be conveyed towards a vent placed at right angles to the air outlet. A common application is that of terminals placed horizontally inside false ceilings with the relative outlet placed on the visible lower surface of the false ceiling itself.

# HORIZONTAL (ceiling installation) - Codes

DB0165II for SLI "200" DB0166II for SLI "400" DB0167II for SLI "600" DB0168II for SLI "800" DB0169II for SLI "1000"



MODEL	200	400	600	800	1000
L (mm)	307,5	507,5	707,5	907,5	1107,5

# Air intake fitting for built-in installation.

#### Description

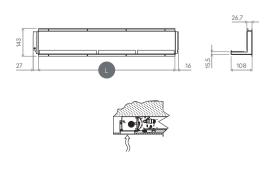
Air intake fitting made of galvanised sheet metal and shaped to ensure perfect accessibility to the air filters.

#### **Functions**

Through this connection it is possible to convey the room air from an intake grille located on a false ceiling or on a wall to the terminal installed in a horizontal position inside the false ceiling itself or inserted in a vertical position inside a wall.

## Codes

DB0194II for SLI "200"
DB0195II for SLI "400"
DB0196II for SLI "600"
DB0197II for SLI "800"
DB0198II for SLI "1000"



MODEL	200	400	600	800	1000
L (mm)	305	505	705	905	1105

# Air intake grill with straight airflow.

#### Description

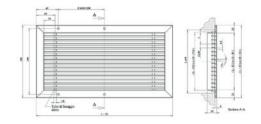
Air intake grill in aluminium profile with linear geometry perfectly matched to the air intake fitting for built in installation. In the aluminium frame there are a series of holes for fixing it to the air intake fitting.

#### **Functions**

This element ensures very easy removal of the grille itself for periodic cleaning of the air filters.

#### Codes

DR0326II for fancoil SLI size "200" DR0327II for fancoil SLI size "400" DR0328II for fancoil SLI size "600" DR0329II for fancoil SLI size "800" DR0330II for fancoil SLI size "1000"



MODEL	200	400	600	800	1000
H (mm)	120	120	120	120	120
L (mm)	304	504	704	904	1104

# Air outlet grille with straight profile.

#### Description

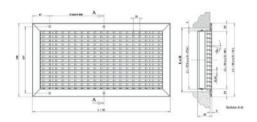
The accessory consists of an aluminium grille with a double row of fins for both horizontal and vertical adjustment of the air flow.

#### **Functions**

Its use is recommended for all installations of built-in terminals where the air flow is directed into the room from a wall or from a vertical rise in the false ceiling (typical situation in a hotel room). The dimensions and holes on the frame are perfectly matched to the accessories: telescopic duct and 90° curved duct.

#### Codes

DR0321II	for fancoil SLI size "200"
DR032211	for fancoil SLI size "400"
DR0323II	for fancoil SLI size "600"
DR0324II	for fancoil SLI size "800"
DR032511	for fancoil SLI size "1000"



MODEL	200	400	600	800	1000
H (mm)	98	98	98	98	98
L (mm)	304	504	704	904	1104

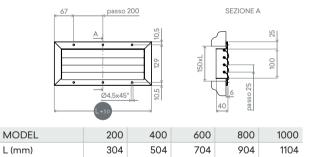
# Air intake grille with curved profile for false ceiling applications.

#### Description

Aluminium air intake grille particularly suitable for installation in false ceilings. The curved profile completely masks the interior, adding elegance to the application.

#### Codes

DR0559II	for fancoil SLI size "200"
DR0560II	for fancoil SLI size "400"
DR0561II	for fancoil SLI size "600"
DR0562II	for fancoil SLI size "800"
DR056311	for fancoil SLI size "1000"



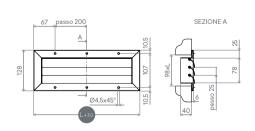
# Air outlet grille with curved profile for false ceiling applications.

# Description

The curved profile aluminium grille is particularly suitable for distributing air from the ceiling. This type of geometry of the individual blades allows for a mainly horizontal regulation of the air flow that does not disturb the people in the air-conditioned room.

# Codes

DR0550II	for fancoil SLI size "200"
DR0551II	for fancoil SLI size "400"
DR0552II	for fancoil SLI size "600"
DR055311	for fancoil SLI size "800"
DR0554II	for fancoil SLI size "1000"



MODEL	200	400	600	800	1000
L (mm)	304	504	704	904	1104



# PERFORMANCE2 PIPES

CA	PACITIES			200			400			600			800		1000		
М	DDEL		SL RS	SLI RSI	SLS SLSI												
(1)	Total cooling capacity	kW	0,91	0,91	0,51	2,12	2,12	1,21	2,81	2,81	1,62	3,30	3,30	2,12	3,71	3,71	2,60
(1)	Sensible cooling capacity	kW	0,73	0,73	0,43	1,72	1,72	1,01	2,11	2,11	1,44	2,71	2,71	1,99	2,90	2,90	2,34
(1)	Water flow rate	L/h	157	157	88	365	365	208	483	483	279	568	568	365	638	638	447
(1)	Water pressure drop	kPa	12,1	12,1	4,1	8,2	8,2	11,2	17,1	17,1	5,1	18,0	18,0	5,3	21,2	21,2	7,2
(2)	Heating capacity	kW	1,02	1,02	0,61	2,21	2,21	1,51	3,02	3,02	2,03	3,81	3,81	2,62	4,32	4,32	3,11
(2)	Water flow rate	L/h	175	175	105	380	380	260	519	519	349	655	655	451	743	743	535
(2)	Water pressure loss	kPa	9,1	9,1	5,2	9,2	9,2	16,1	19,1	19,1	7,3	21,2	21,2	8,1	23,3	23,3	10,2
(2) Water pressure loss kPa 9,1 9,1 5,2 9,2 9,2 16,1 19,1 19,1 7,3 21,2 21,2 8,1 23,3 23,3    Hydraulic data  Water coil content L 0,47 0,47 0,28 0,80 0,80 0,50 1,13 1,13 0,61 1,46 1,46 0,77 1,80 1,80    Maximum operating pressure bar 10 10 10 10 10 10 10 10 10 10 10 10 10																	
	Water coil content	L	0,47	0,47	0,28	0,80	0,80	0,50	1,13	1,13	0,61	1,46	1,46	0,77	1,80	1,80	0,9
	Maximum operating pressure	bar	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	Hydraulic connections	EK								3/4							
Ae	raulic data	ı															
(3)	Maximum air flow	m³/h	146	146	113	294	294	228	438	438	331	567	567	440	663	663	489
	Air flow rate at medium speed (AUTO mode)	m³/h	90	90	63	210	210	155	318	318	229	410	410	283	479	479	344
	Air flow rate at minimum ventilation speed	m³/h	49	49	35	118	118	84	180	180	124	247	247	138	262	262	167
	Maximum available static pressure	Pa	10	10	10	10	10	10	13	13	10	13	13	10	13	13	10
Ele	ctrical data																
	Power supply voltage	V/ph/Hz								230/1/50							
	Maximum electrical power consumption	W	11	11	11	19	19	19	20	20	20	29	29	29	33	33	33
	Maximum current input	Α	0,11	0,11	0,11	0,16	0,16	0,16	0,18	0,18	0,18	0,26	0,26	0,26	0,28	0,28	0,28
	Abs. electrical power at minimum speed	W	5	5	3	4	4	4	6	6	4	5	5	4	5	5	5
So	und level																
	Sound power at maximum speed	dB(A)	54	51	54	53	53	53	54	54	54	55	55	55	57	57	57
(4)	Sound pressure at maximum air flow	dB(A)	41	41	39	42	42	40	44	44	41	46	46	42	47	47	43
(4)	Sound pressure at average air flow	dB(A)	33	33	33	34	34	33	34	34	34	35	35	34	38	38	36
(4)	Sound pressure at minimum air flow	dB(A)	24	24	24	25	25	25	26	26	25	26	26	26	28	28	27

# Dimensions and weights

		SL 200 RS 200	SLI 200 RSI 200	SLS 200	SLSI 200	SL 400 RS 400	SLI 400 RSI 400	SLS 400	SLSI 400	SL 600 RS 600	SLI 600 RSI 600	SLS 600	SLSI 600	SL 800 RS 800	SLI 800 RSI 800	SLS 800	SLSI 800	SL1000 RS 1000	SLI 1000 RSI 1000	SLS 1000	SLSI 1000
Total length	mm	735	525	735	525	935	725	935	725	1135	925	1135	925	1335	1125	1335	1125	1535	1325	1535	1325
Total height (without support feet)	mm	579	576	379	376	579	576	379	376	579	576	379	376	579	576	379	376	579	576	379	376
Total depth	mm	129	126	129	126	129	126	129	126	129	126	129	126	129	126	129	126	129	126	129	126
Net weight	kg	17	9	12	7	20	12	14	8	23	15	16	9	26	18	19	10	29	21	23	12

<sup>(1)</sup> Water temperature 7/12 °C, ambient air temperature 27 °C b.s. and 19 °C b.u. (according to EN 1397) (2) Coil water temperature 45/40 °C, ambient air temperature 20 °C b.s. and 15 °C b.u. (according to EN 1397)

<sup>(3)</sup> Air flow measured with clean filters

<sup>(4)</sup> Sound pressure measured at a distance of 1 metre according to ISO7779

<sup>\*</sup> Data valid for RS and RSI ranges only

# **Technical data**

# **PERFORMANCE 4 PIPES**

CAPACITIES		2	00	4	400		600		800		1000	
MC	DDEL		SL-4T	SLI-4T								
(1)	Total cooling capacity	kW	0,84	0,84	1,93	1,93	2,50	2,50	2,92	2,92	3,21	3,21
(1)	Sensible cooling capacity	kW	0,65	0,65	1,39	1,39	1,87	1,87	2,28	2,28	2,53	2,53
(1)	Water flow rate	L/h	145	145	332	332	429	429	501	501	550	550
(1)	Water pressure loss	kPa	10,6	10,6	7,0	7,0	13,9	13,9	14,5	14,5	16,5	16,5
(2)	Heating capacity	kW	0,45	0,45	1,10	1,10	1,51	1,51	2,21	2,21	2,54	2,54
(2)	Water flow rate	L/h	40	40	69	69	133	133	194	194	222	222
(2)	Water pressure loss	kPa	1,6	1,6	3,6	3,6	5,5	5,5	3,8	3,8	6,2	6,2
Ну	draulic features							,		'		
	Cooling coil water content	L	0,47	0,47	0,80	0,80	1,13	1,13	1,46	1,46	1,80	1,80
	Maximum operating pressure	bar	10	10	10	10	10	10	10	10	10	10
	Hydraulic connections	EK					3	/4				
Ae	eraulic data											
(3)	Maximum air flow	m³/h	132	132	260	260	370	370	476	476	542	542
	Air flow rate at medium speed (AUTO mode)	m³/h	91	91	207	207	291	291	367	367	416	416
	Air flow rate at minimum ventilation speed	m³/h	46	46	124	124	180	180	270	270	345	345
	Maximum available static pressure	Pa	8	8	8	8	11	11	11	11	11	11
Ele	ectrical data				I		ı	1	I			I
	Power supply	V/ph/Hz					230	/1/50				
	Maximum electrical power consumption	W	11	11	19	19	20	20	29	29	33	33
	Maximum current input	Α	0,11	0,11	0,16	0,16	0,18	0,18	0,26	0,26	0,28	0,28
	Absorbed electrical power at minimum speed	W	4	4	4	4	4	4	5	5	5	5
Sc	und level											
	Sound power at maximum speed	dB(A)	51	51	54	54	54	54	55	55	57	57
(4)	Sound pressure at maximum air flow	dB(A)	44	44	44	44	44	44	46	46	47	47
(4)	Sound pressure at medium air flow	dB(A)	38	38	38	38	38	38	35	35	37	37
(4)	Sound pressure at minimum air flow	dB(A)	27	27	27	27	27	27	27	27	27	27
Di	mensions and weights											
	Total length	mm	737	479	937	679	1137	879	1337	1079	1537	1279
	Total height (without support feet)	mm	639	639	639	639	639	639	639	639	639	639
	Total depth	mm	131	126	131	126	131	126	131	126	131	126
	Net weight	kg	18	10	21	13	25	17	28	20	32	24

<sup>(4)</sup> Sound pressure measured at a distance of 1 metre according to ISO7779



<sup>(1)</sup> Water temperature 7/12 °C, ambient air temperature 27 °C b.s. and 19 °C b.u. (according to EN 1397) (2) Water temperature 65/55 °C, ambient air temperature 20 °C b.s. and 15 °C b.u. (according to EN 1397)

<sup>(3)</sup> Air flow measured with clean filters













SL

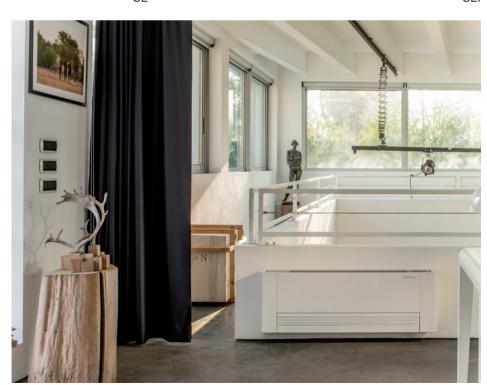


SLI

# CREDITS

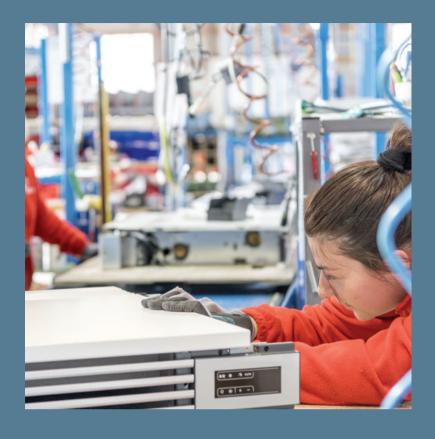
Product Designer
Luca Papini
Art Direction & Graphic
Osmo Design
Photography
Ottavio Tomasini
Special thanks to:
Akira Nishikawa

<sup>®</sup> 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.



SLS





Ideas that become reality.







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

www.innovaenergie.com

Edition 2023/1.01