



# **AirLeaf**

Fancoils for  
high efficiency  
heating and  
cooling

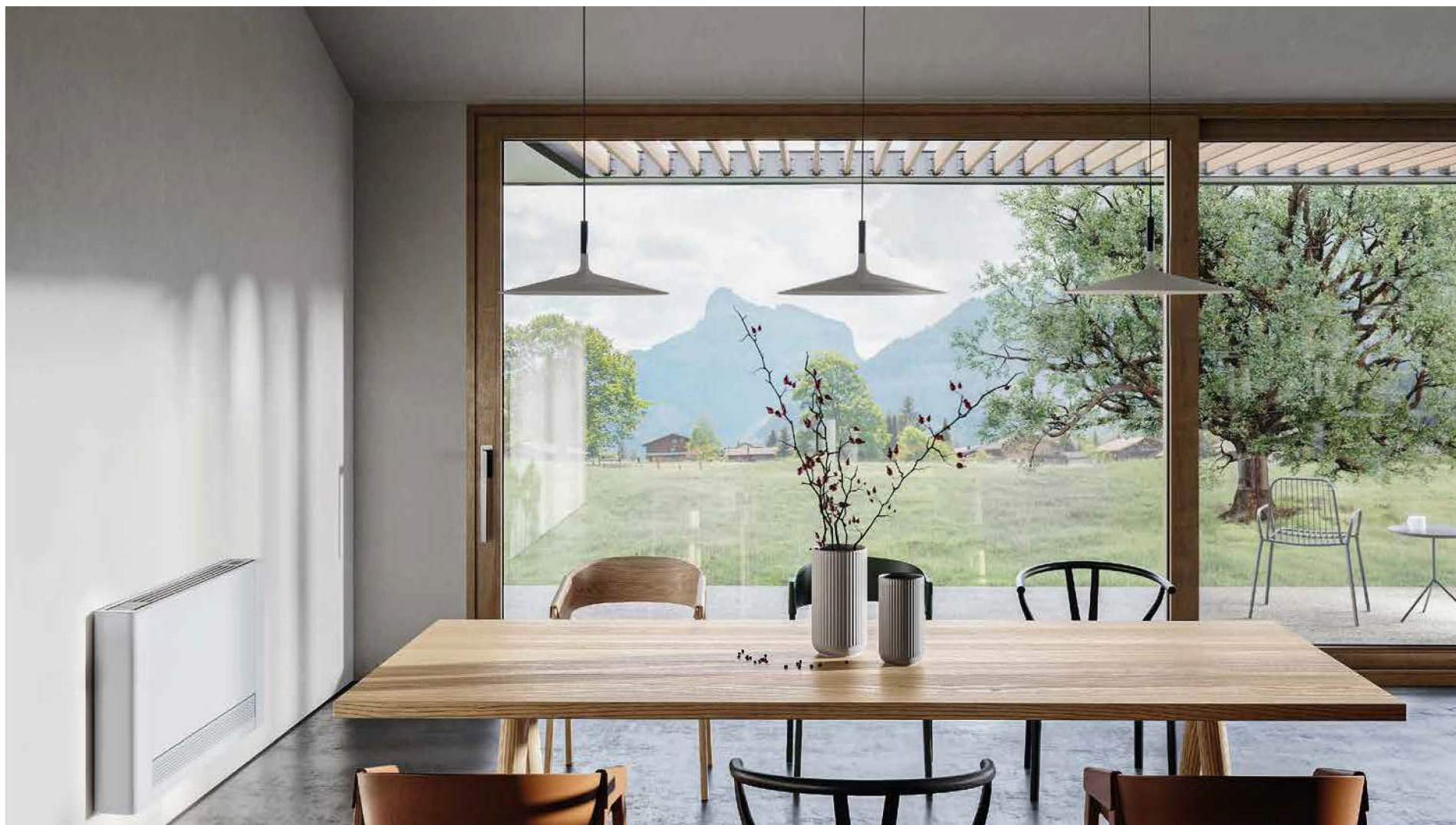


**Beautiful, thin, silent.  
Comfort has found its  
shape.**



SL

AirLeaf



SL



AirLeaf



SL



AirLeaf





>

# 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.

AirLeaf



### SLIM SIZE

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



### NOISELESS

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



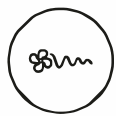
### DC INVERTER

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



### CONTROLS

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



### 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.



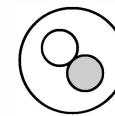
### ETHERNET / DOMOTICS

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.



### RANGE

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



### COLOURS

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



AirLeaf

# AirLeaf SL



## SLIM

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

### System

- 2 2-pipe version
- 4 4-pipe version

### Colour

- White RAL 9003

### Grill



Version with front intake grille.

### Full Flat



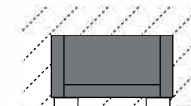
Full flat version with motorised intake panel.

### Feet



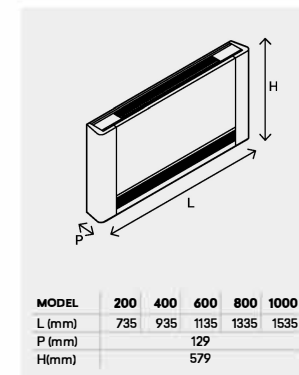
Feet for anchoring to the ground and covering pipes from below.

### Back cover panel

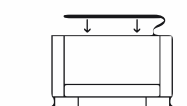


Back cover panel in case of installations with visible rear.

## Dimensions



### UVC lamp



Air sterilisation device with UVC lamp.

AirLeaf

### Air intake grill with straight airflow.

#### Description

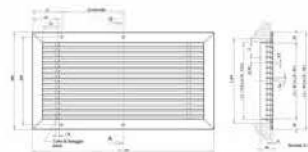
Air intake grill in aluminium profile with linear geometry perfectly matched to the air intake fitting for built in installation. In the aluminium frame there are a series of holes for fixing it to the air intake fitting.

#### 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

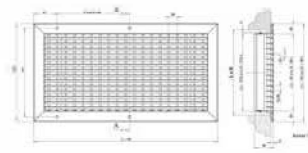
### Air outlet grille with straight profile.

#### 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"  
**DR0322II** for fancoil SLI size "400"  
**DR0323II** for fancoil SLI size "600"  
**DR0324II** for fancoil SLI size "800"  
**DR0325II** 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

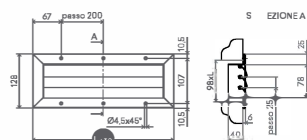
**DR0559II** for fancoil SLI size "200"  
**DR0560II** for fancoil SLI size "400"  
**DR0561II** for fancoil SLI size "600"  
**DR0562II** for fancoil SLI size "800"  
**DR0563II** for fancoil SLI size "1000"

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

### 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"  
**DR0553II** for fancoil SLI size "800"  
**DR0554II** for fancoil SLI size "1000"

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

## Technical data

### PERFORMANCE2 PIPES

CAPACITIES		200			400			600			800			1000		
MODEL		SL RS	SLI RSI	SLS SLI	SL RS	SLI RSI	SLS SLI	SL RS	SLI RSI	SLS SLI	SL RS	SLI RSI	SLS SLI	SL RS	SLI RSI	SLS SLI
(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) Heating performance without ventilation (70 °C) *	W	540	540	/	670	670	/	780	780	/	920	920	/	1080	1080	/
(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

#### 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	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														

#### Aeraulic data

(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

#### Electrical data

Power supply voltage	V/ph/Hz	230V/50														
Maximum electrical power consumption	W	11	11	11	19	19	19	20	20	20	29	29	29	33	33	33
Maximum current input	A	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

#### Sound level

Sound power at maximum speed	dB(A)	51	51	51	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 airflow	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

(1) 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)

(3) Air flow measured with clean filters

(4) Sound pressure measured at a distance of 1 metre according to ISO7779

\* Data valid for RS and RSI ranges only

AirLeaf





Ideas that become  
reality.





№ Тек.	Описание продукт	Код	Марка	К-во	Ед.цена с вкл.ДДС -ЛВ.-
10	ВЕНТИЛАТОРЕН КОНВЕКТОР INNOVA МОДЕЛ AIRLEAF SL200C NEW БЯЛ + ВГРАДЕНО УПРАВЛЕНИЕ SMART TOUCH	81IN0006	БР.	1,00	993,80
20	ВЕНТИЛАТОРЕН КОНВЕКТОР INNOVA МОДЕЛ AIRLEAF SL400C NEW БЯЛ + ВГРАДЕНО УПРАВЛЕНИЕ SMART TOUCH	81IN1001	БР.	1,00	1.069,20
30	ВЕНТИЛАТОРЕН КОНВЕКТОР INNOVA МОДЕЛ AIRLEAF SL600C NEW БЯЛ + ВГРАДЕНО УПРАВЛЕНИЕ SMART TOUCH	81IN1002	БР.	1,00	1.205,00
40	ВЕНТИЛАТОРЕН КОНВЕКТОР INNOVA МОДЕЛ AIRLEAF SL800C NEW БЯЛ + ВГРАДЕНО УПРАВЛЕНИЕ SMART TOUCH	81IN1003	БР.	1,00	1.386,10
50	ВЕНТИЛАТОРЕН КОНВЕКТОР INNOVA МОДЕЛ AIRLEAF SL1000C NEW БЯЛ + ВГРАДЕНО УПРАВЛЕНИЕ SMART TOUCH	81IN1004	БР.	1,00	1.529,40
60	ВЕНТИЛАТОРЕН КОНВЕКТОР INNOVA МОДЕЛ AIRLEAF SL400C NEW ДЕСНИ ИЗВОДИ БЯЛ + ВГРАДЕНО УПРАВЛЕНИЕ	81IN2001	БР.	1,00	1.114,50
70	ВЕНТИЛАТОРЕН КОНВЕКТОР INNOVA МОДЕЛ AIRLEAF SL600C NEW ДЕСНИ ИЗВОДИ БЯЛ + ВГРАДЕНО УПРАВЛЕНИЕ	81IN2002	БР.	1,00	1.250,30
80	ВЕНТИЛАТОРЕН КОНВЕКТОР INNOVA МОДЕЛ AIRLEAF SL200C NEW ДЕСНИ ИЗВОДИ БЯЛ + ВГРАДЕНО УПРАВЛЕНИЕ	81IN2003	БР.	1,00	1.039,10
90	ВЕНТИЛАТОРЕН КОНВЕКТОР INNOVA МОДЕЛ AIRLEAF SL800C NEW ДЕСНИ ИЗВОДИ БЯЛ + ВГРАДЕНО УПРАВЛЕНИЕ	81IN2004	БР.	1,00	1.431,30
100	ВЕНТИЛАТОРЕН КОНВЕКТОР INNOVA МОДЕЛ AIRLEAF SL1000C NEW ДЕСНИ ИЗВОДИ БЯЛ + ВГРАДЕНО УПРАВЛЕНИЕ	81IN2005	БР.	1,00	1.574,70

## AirLeaf SL



**SLIM**  
Extremely slim, only 129 mm deep.



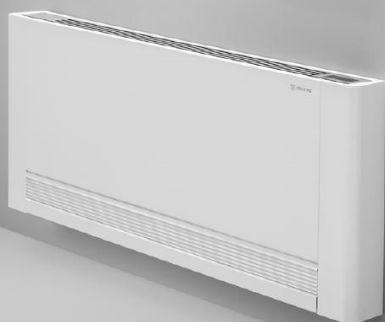
**MODULATED AIR FLOW**



**DC INVERTER**  
Maximum comfort with minimum consumption.



**SILENT OPERATION**



### Versions and accessories

#### System

2

2-pipe version

4

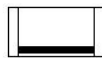
4-pipe version

#### Colour



White RAL 9003

#### Grill



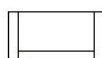
Version with front intake grille.

#### Full Flat



Full flat version with motorised intake panel.

#### Feet



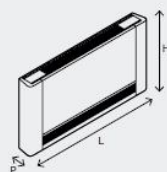
Feet for anchoring to the ground and covering pipes from below.

#### Back cover panel



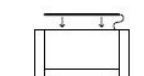
Back cover panel in case of installations with visible rear.

### Dimensions



MODEL	200	400	600	800	1000
L (mm)	735	935	1135	1335	1535
P (mm)			129		
H (mm)			579		

#### UVC lamp



Air sterilisation device with UVC lamp.

AirLeaf