

i-LIFE2 SLIM 080 - 370

**Residential fan-coils with cabinet or concealed version, with inverter motor e tangential fan.
0,76-3,76 kW**



i-LIFE2 SLIM is the new fan coil Climaveneta, with inverter technology for heating, cooling and dehumidifying. Its elegant design with only 13 cm depth makes i-LIFE2 Slim the perfect solution for residential applications. The fan coil is also available with inverter version with radiant panel.

The brushless motor allows a perfect adaptation to thermal load, without any temperature fluctuations. Tangential fans operate through continuous air flow modulation, with no speed steps or relay switching as traditional fan coil units. High efficiency is guaranteed in any HVAC installation setup, in combination with any low temperature heat generator.

Version

DLIU	Built-in version for universal installation.
DLMO	Version with cabinet for horizontal installation
DLMV	Version with cabinet for vertical installation
DLRV	Radiant Version with cabinet for vertical installation.

Features

DC motor with inverter technology with continuous speed regulation, to ensure the best performance with a very low noise level.

Elegant design and reduced depth of only 13 cm, for installation in a residential environment.

Coil with large frontal area that allows to reach high air flow with very low pressure drop.

Honeycomb polypropylene air filter which can be regenerated by washing or blowing.

Tangential fan with asymmetric blades that ensures the continuous modulation of the air flow for a better comfort and real energy savings.

Elegant cover structure that integrates the use of high quality plastic materials, with traditional galvanized and epoxy powder coated materials.

Accessory

- Casing for build in version - i-LIFE2 Slim Box
- Pair of decorative and structural feet
- Aluminium air flow vent for wall mounting
- Main coil 2-way/3-way valve unit
- Telescopic air flow duct and 90° duct for false ceiling and build in installation
- Eurokonus adapter
- Aluminium Air intake grid
- Drain Pan for horizontal installation
- UVC air sterilisation device
- Casing cover panel with frame and front panel grid
- Fitting for air intake in built-in installation

Controls

iKS2 - on board Control

On-board control for unit with cabinet complete with touch keypad with 8 touch key, LCD display with colored symbols. Modulating fan speed with PID logic, temperature regulation, winter/summer mode, automatic mode for the speed regulation, night mode for a silent operation. Minimum water probe and solenoid management, it's possible to manage the function even without the water probe.

ATS2 - Control with 4 speed regulation

Controller for units with cabinet. Interface with 8 keys for the temperature selection, winter/summer mode, 4 speed regulation, (Max. Min. Night and Auto) with display for room temperature visualization. Minimum water temperature probe and solenoid valve management. It's possible to manage the function even without the water probe.

iKS2 - on board Control

On-board control for unit with cabinet complete with touch keypad with 8 touch key, LCD display with colored symbols. Modulating fan speed with PID logic, temperature regulation, winter/summer mode, automatic mode for the speed regulation, night mode for a silent operation. Minimum water probe and solenoid management, it's possible to manage the function even without the water probe.

Remote Control iKSW2

Remote control for built-in and with cabinet units complete with touch keypad with 8 touch keys, LCD display with colored symbols. Modulating fan speed with PID logic, temperature regulation, winter/summer mode, automatic mode for the speed regulation, night mode for a silent operation. Minimum water probe and solenoid valve management. A maximum of 31 fancoils can be connected to the iKSW control for open space rooms. Each unit must have the iHBS2 powerboard installed. RS485 output for connection in BMS.

iHBS2 - On board simplified Control

Simple on board control for built-in and with cabinet units, to be coupled with remote control iKSW2. iHBS2 control has a LED for the visualization of the device's operation. All the parameters are set up from iKSW2. It is possible to manage the function even without the water probe. The iHBS2 powerboard is able to supply power to iKSW2 control.

HBS2 Control - Powerboard card

Simple on board control for built-in units or with cabinet units, to be coupled with ATW Climaveneta remote control or other remote controls which manage the regulation of fixed fan speeds. HBS2 has a LED for the visualization of the device's operation. All the parameters are set up from the remote control. There are 2 versions of this powerboard. Version for ON/OFF signal (HBS2) and version for 0-10V signal (HBS2010)

i-LIFE2 SLIM / DLMO - DLMV			080	170	270	320	370
ELECTRICAL DATA							
Power supply		V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
2 PIPES SYSTEM CONFIGURATION							
ENERGY EFFICIENCY							
COOLING (EN14511 VALUE)							
FCEER	(1)(6)	kW/kW	150	197	320	294	275
FCEER Class			B	A	A	A	A
HEATING ONLY (EN14511 VALUE)							
FCCOP	(2)(6)	kW/kW	183	262	387	401	346
FCCOP Class			B	B	A	A	A
PERFORMANCE							
MIN SPEED							
Fan Power Input	(1)	W	0,70	1,62	1,82	2,47	4,91
Air flow rate	(1)	m ³ /h	51	122	189	258	367
Total capacity in cooling mode	(1)	kW	0,40	0,81	1,32	1,62	2,00
Total Net Cooling Capacity	(1)(6)(7)	kW	0,40	0,81	1,32	1,62	2,00
Sensible capacity in cooling mode	(1)	kW	0,30	0,67	1,03	1,38	1,71
Net sensible cooling capacity	(1)(6)(7)	kW	0,30	0,67	1,03	1,38	1,70
Net latent power in cooling	(1)(6)(7)	kW	0,10	0,14	0,29	0,24	0,30
Max water flow	(1)	l/s	0,02	0,04	0,06	0,08	0,10
Pressure Drop in cooling mode	(1)	kPa	2	1	6	5	6
Total capacity (heating mode)	(2)	kW	0,50	1,06	1,54	2,22	2,48
Total Net Heating Capacity	(2)(6)	kW	0,50	1,06	1,54	2,22	2,48
Water flow in heating mode	(2)	l/s	0,02	0,05	0,07	0,11	0,12
Pressure drop in heating mode	(2)	kPa	3	2	8	9	10
Sound Pressure	(3)	dB(A)	24	26	27	27	31
Sound Power	(4)(7)	dB(A)	33	35	36	36	40
MED SPEED							
Fan Power Input	(1)	W	4,46	10,1	9,86	11,3	12,3
Air flow rate	(1)	m ³ /h	93	221	334	430	499
Total capacity in cooling mode	(1)	kW	0,69	1,39	2,18	2,52	2,82
Total Net Cooling Capacity	(1)(6)(7)	kW	0,69	1,38	2,17	2,51	2,81
Sensible capacity in cooling mode	(1)	kW	0,54	1,17	1,72	2,24	2,40
Net sensible cooling capacity	(1)(6)(7)	kW	0,54	1,16	1,71	2,23	2,39
Net latent power in cooling	(1)(6)(7)	kW	0,15	0,22	0,46	0,28	0,42
Max water flow	(1)	l/s	0,03	0,07	0,10	0,12	0,14
Pressure Drop in cooling mode	(1)	kPa	5	3	15	11	13
Total capacity (heating mode)	(2)	kW	0,78	1,65	2,40	3,07	3,41
Total Net Heating Capacity	(2)(6)	kW	0,78	1,66	2,41	3,08	3,43
Water flow in heating mode	(2)	l/s	0,04	0,08	0,12	0,15	0,16
Pressure drop in heating mode	(2)	kPa	6	5	19	16	20
Sound Pressure	(3)	dB(A)	35	36	37	38	39
Sound Power	(4)(7)	dB(A)	44	45	46	47	48
MAX SPEED							
Fan Power Input	(1)	W	10,7	19,0	20,0	29,0	33,0
Air flow rate	(1)	m ³ /h	125	277	425	593	697
Total capacity in cooling mode	(1)	kW	0,76	1,75	2,75	3,22	3,76
Total Net Cooling Capacity	(1)(6)(7)	kW	0,75	1,73	2,73	3,19	3,73
Sensible capacity in cooling mode	(1)	kW	0,66	1,53	2,21	3,02	3,30
Net sensible cooling capacity	(1)(6)(7)	kW	0,65	1,51	2,19	2,99	3,27
Net latent power in cooling	(1)(6)(7)	kW	0,10	0,22	0,54	0,20	0,46
Max water flow	(1)	l/s	0,04	0,08	0,13	0,15	0,18
Pressure Drop in cooling mode	(1)	kPa	6	5	24	17	24
Total capacity (heating mode)	(2)	kW	0,88	2,11	3,27	3,88	4,33
Total Net Heating Capacity	(2)(6)	kW	0,89	2,13	3,29	3,91	4,36
Water flow in heating mode	(2)	l/s	0,04	0,10	0,16	0,19	0,21
Pressure drop in heating mode	(2)	kPa	8	8	33	25	32
Sound Pressure	(3)	dB(A)	41	42	44	46	47
Sound Power	(4)(7)	dB(A)	50	51	53	55	56
SIZE AND WEIGHT							
A	(5)	mm	737	937	1137	1337	1537
B	(5)	mm	131	131	131	131	131
H	(5)	mm	579	579	579	579	579
Operating weight	(5)	kg	17	20	23	26	29

Notes:

- 1 Room temperature 27 °C d.b./19 °C w.b.; Chilled water (in/out) 7/12 °C.
- 2 Room temperature 20 °C d.b.; Hot water (in/out) 45/40 °C
- 3 Sound pressure level in free field on a reflective surface, 1 m from fan front and 1 m from the ground. Non-binding value obtained from sound power level.
- 4 Sound power on the basis of measurements made in compliance with ISO 3741 and Eurovent 8/2.
- 5 Unit in standard configuration/execution, without optional accessories.
- 6 Values in compliance with EN14511-3:2013.
- 7 Values in compliance with [REGULATION (EU) N. 2016/2281]

Certified data in EUROVENT

i-LIFE2 SLIM / DLIU			080	170	270	320	370
ELECTRICAL DATA							
Power supply		V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
2 PIPES SYSTEM CONFIGURATION							
ENERGY EFFICIENCY							
COOLING (EN14511 VALUE)							
FCEER	(1)(6)	kW/kW	150	197	320	294	275
FCEER Class			B	A	A	A	A
HEATING ONLY (EN14511 VALUE)							
FCCOP	(2)(6)	kW/kW	183	262	387	401	346
FCCOP Class			B	B	A	A	A
PERFORMANCE							
MIN SPEED							
Fan Power Input	(1)	W	0,70	1,62	1,82	2,47	4,91
Air flow rate	(1)	m³/h	51	122	189	258	367
Total capacity in cooling mode	(1)	kW	0,40	0,81	1,32	1,62	2,00
Total Net Cooling Capacity	(1)(6)(7)	kW	0,40	0,81	1,32	1,62	2,00
Sensible capacity in cooling mode	(1)	kW	0,30	0,67	1,03	1,38	1,71
Net sensible cooling capacity	(1)(6)(7)	kW	0,30	0,67	1,03	1,38	1,70
Net latent power in cooling	(1)(6)(7)	kW	0,10	0,14	0,29	0,24	0,30
Max water flow	(1)	l/s	0,02	0,04	0,06	0,08	0,10
Pressure Drop in cooling mode	(1)	kPa	2	1	6	5	6
Total capacity (heating mode)	(2)	kW	0,50	1,06	1,54	2,22	2,48
Total Net Heating Capacity	(2)(6)	kW	0,50	1,06	1,54	2,22	2,48
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Air flow rate	(1)	m³/h	125	277	425	593	697
Total capacity in cooling mode	(1)	kW	0,76	1,75	2,75	3,22	3,76
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Max water flow	(1)	l/s	0,04	0,08	0,13	0,15	0,18
Pressure Drop in cooling mode	(1)	kPa	6	5	24	17	24
Total capacity (heating mode)	(2)	kW	0,88	2,11	3,27	3,88	4,33
Total Net Heating Capacity	(2)(6)	kW	0,89	2,13	3,29	3,91	4,36
Water flow in heating mode	(2)	l/s	0,04	0,10	0,16	0,19	0,21
Pressure drop in heating mode	(2)	kPa	8	8	33	25	32
Sound Pressure	(3)	dB(A)	41	42	44	46	47
Sound Power	(4)(7)	dB(A)	50	51	53	55	56
SIZE AND WEIGHT							
A	(5)	mm	525	725	925	1125	1325
B	(5)	mm	126	126	126	126	126
H	(5)	mm	576	576	576	576	576
Operating weight	(5)	kg	9	12	15	18	21

Notes:

- 1 Room temperature 27 °C d.b./19 °C w.b.; Chilled water (in/out) 7/12 °C.
- 2 Room temperature 20 °C d.b.; Hot water (in/out) 45/40 °C
- 3 Sound pressure level in free field on a reflective surface, 1 m from fan front and 1 m from the ground. Non-binding value obtained from sound power level.
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Certified data in EUROVENT

i-LIFE2 SLIM / DLRV

080

170

270

320

370

ELECTRICAL DATA

Power supply	V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
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2 PIPES SYSTEM CONFIGURATION

ENERGY EFFICIENCY

COOLING (EN14511 VALUE)

FCEER	(1)(6)	kW/kW	150	197	320	294	275
FCEER Class			B	A	A	A	A

HEATING ONLY (EN14511 VALUE)

FCCOP	(2)(6)	kW/kW	183	262	387	401	346
FCCOP Class			B	B	A	A	A

PERFORMANCE

MIN SPEED

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Max water flow	(1)	l/s	0,02	0,04	0,06	0,08	0,10
Pressure Drop in cooling mode	(1)	kPa	2	1	6	5	6
Total capacity (heating mode)	(2)	kW	0,50	1,06	1,54	2,22	2,48
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MED SPEED

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MAX SPEED

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Sensible capacity in cooling mode	(1)	kW	0,66	1,53	2,21	3,02	3,30
Net sensible cooling capacity	(1)(6)(7)	kW	0,65	1,51	2,19	2,99	3,27
Net latent power in cooling	(1)(6)(7)	kW	0,10	0,22	0,54	0,20	0,46
Max water flow	(1)	l/s	0,04	0,08	0,13	0,15	0,18
Pressure Drop in cooling mode	(1)	kPa	6	5	24	17	24
Total capacity (heating mode)	(2)	kW	0,88	2,11	3,27	3,88	4,33
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Water flow in heating mode	(2)	l/s	0,04	0,10	0,16	0,19	0,21
Pressure drop in heating mode	(2)	kPa	8	8	33	25	32
Sound Pressure	(3)	dB(A)	41	42	44	46	47
Sound Power	(4)(7)	dB(A)	50	51	53	55	56

SIZE AND WEIGHT

A	(5)	mm	737	937	1137	1337	1537
B	(5)	mm	131	131	131	131	131
H	(5)	mm	579	579	579	579	579
Operating weight	(5)	kg	17	20	23	26	29

Notes:

1 Room temperature 27 °C d.b./19 °C w.b.; Chilled water (in/out) 7/12 °C.

2 Room temperature 20 °C d.b.; Hot water (in/out) 45/40 °C

3 Sound pressure level in free field on a reflective surface, 1 m from fan front and 1 m from the ground. Non-binding value obtained from sound power level.

4 Sound power on the basis of measurements made in compliance with ISO 3741 and Eurovent 8/2.

5 Unit in standard configuration/execution, without optional accessories.

6 Values in compliance with EN14511-3:2013.

7 Values in compliance with [REGULATION (EU) N. 2016/2281]

Certified data in EUROVENT

