

High Head professional Fan-coil with Brushless EC motor for continuous regulation of airflow and fan speed. 2,00-8,76 kW



i-LIFE2 HP are the new high head Fan-coil Climaveneta in built in version with EC Brushless motor. The continuous regulation of air flow and cooling and heating capacity guarantees a total comfort and high energy saving. i-LIFE2 HP is the ideal solution for ducted systems and installations in tertiary and commercial sectors.

Version

DFIO	built-in version, front air intake, horizontal installation
DFIV	built-in version, front air intake, vertical installation
DLIO	built-in version, low air intake, horizontal installation
DLIV	built-in version, low air intake, vertical installation.

Features

High pressure centrifugal fan unit for ducted system;
 High efficiency EC motor.
 Modulating speed centrifugal fan and air flow regulation.
 Energy consumption reduced by more than 50%
 Coils with aluminium fins and copper pipes.
 Configurations for 2 and 4 pipe Systems.
 Left-hand water connections, easy convertible into right-hand, by simply turning the coil
 Air filter on all models.
 Structure in galvanised steel of high thickness for maximum resistance to rust;
 Auxiliary drain pan with thermal insulation for all Horizontal versions, made of galvanized steel.
 Plastic drain pan for all Vertical versions.

Accessory

- Additional coil 2-way/3-way valve unit
- Main coil 2-way/3-way valve unit
- Hot water coil kit
- Kit control board to manage 0-10V or 3 points modulating valve unit
- Kit RS485 - interface for Building Management System
- Kit Gateway interface for MyHome Bticino System
- Hose kit
- Plenum kit with round, straight or 90° air ducts.
- i-HB Power box
- Condensate drain pump
- Horizontal and vertical fan coil auxiliary tray

Controls

Remote Control EKW

User interface for selection of functioning mode (OFF/summer/winter/AUTO), fan speed (Max/Med/Min/AUTO), temperature set. Control of main and additional coil valve unit (summer/winter - 2 and 4 pipes installation) . Management of traditional ON/OFF valve unit or modulating valve unit 0-10V or 3 points . Air and water temperature probe. Multifunction digital input configurable by user. Configuration dip switch.

Modbus protocol for installation in BMS (e.g. Idrorelax system by Climaveneta). Installation and management of Master-Slave system up to 8 LIFE2 fan coil units.

Easy control installation thanks to 2 wires connection.

iK control with LCD screen

Interface with LCD screen with user-friendly icons. Control kit for universal installation: wall-mounted as well as plug-in. Selection of functioning mode (OFF/summer/winter/AUTO), fan speed (Max/Med/Min/AUTO), temperature set. Control iK could function manually or with weekly timer regulation configurable by the customer.

Control of main coil valve unit (summer/winter - 2 pipes) and additional coil (winter - 4 pipes). Management of traditional ON/OFF valve unit or modulating valve unit 0-10V or 3 points (supply 230 VAC or 24V) .

Parameters configurable directly by user. Modbus protocol for installation in Building Management System (e.g. Idrorelax system by Climaveneta). Installation and management of Master-Slave system up to 8 LIFE2 fan coil units.

Easy control installation thanks to 2 wires connection through HB power board

ATW-EC Wall Control

User interface for selection of functioning mode (Off/Summer/Winter/Auto), fan speed (Max, Med, Min, Auto), and temperature set. Control of main and additional coil valve unit. (summer/winter 2 and 4 pipes installation). Management of traditional ON/OFF valve unit. Air and water temperature probe. Multifunction digital input configurable by user. Configuration dip switch. The controls can be connected to BMS system.

i-LIFE2 HP DFIV/DLIV			0202	0402	0602	0802	1002	1202
ELECTRICAL DATA								
Power supply		V/ph/Hz	230/1/50	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	125	122	124	120	136	110
FCEER Class			B	B	B	B	B	C
HEATING ONLY (EN14511 VALUE)								
FCCOP	(2)(6)	kW/kW	141	162	173	165	183	153
FCCOP Class			C	B	B	B	B	C
PERFORMANCE								
MIN SPEED								
Fan Power Input	(1)	W	6,81	11,2	10,9	11,9	17,4	22,4
Air flow rate	(1)	m ³ /h	176	242	289	318	536	811
Total capacity in cooling mode	(1)	kW	1,00	1,50	1,95	2,35	3,23	4,65
Total Net Cooling Capacity	(1)(6)(7)	kW	0,99	1,49	1,94	2,33	3,22	4,63
Sensible capacity in cooling mode	(1)	kW	0,79	1,16	1,50	1,83	2,44	4,27
Net sensible cooling capacity	(1)(6)(7)	kW	0,78	1,15	1,49	1,82	2,42	4,25
Net latent power in cooling	(1)(6)(7)	kW	0,21	0,34	0,45	0,52	0,80	0,38
Max water flow	(1)	l/s	0,05	0,07	0,09	0,11	0,15	0,22
Pressure Drop in cooling mode	(1)	kPa	3	7	3	6	9	12
Total capacity (heating mode)	(2)	kW	1,18	1,68	2,28	2,70	3,61	5,21
Total Net Heating Capacity	(2)(6)	kW	1,19	1,69	2,29	2,72	3,63	5,23
Water flow in heating mode	(2)	l/s	0,06	0,08	0,11	0,13	0,17	0,25
Pressure drop in heating mode	(2)	kPa	4	9	4	6	11	15
Sound Pressure	(3)	dB(A)	30	33	33	34	37	57
Sound Power	(4)(7)	dB(A)	40	42	42	43	46	66
MED SPEED								
Fan Power Input	(1)	W	13,1	17,1	25,4	40,3	43,1	97,3
Air flow rate	(1)	m ³ /h	262	377	548	755	917	1437
Total capacity in cooling mode	(1)	kW	1,45	2,29	3,01	4,48	5,38	7,55
Total Net Cooling Capacity	(1)(6)(7)	kW	1,44	2,28	2,99	4,44	5,34	7,45
Sensible capacity in cooling mode	(1)	kW	1,14	1,74	2,39	3,42	4,13	6,35
Net sensible cooling capacity	(1)(6)(7)	kW	1,13	1,72	2,36	3,38	4,09	6,25
Net latent power in cooling	(1)(6)(7)	kW	0,30	0,56	0,63	1,06	1,26	1,20
Max water flow	(1)	l/s	0,07	0,11	0,14	0,21	0,26	0,36
Pressure Drop in cooling mode	(1)	kPa	7	16	8	21	24	31
Total capacity (heating mode)	(2)	kW	1,72	2,58	3,51	5,16	6,00	8,45
Total Net Heating Capacity	(2)(6)	kW	1,73	2,59	3,53	5,20	6,05	8,55
Water flow in heating mode	(2)	l/s	0,08	0,12	0,17	0,25	0,29	0,41
Pressure drop in heating mode	(2)	kPa	8	21	10	20	28	39
Sound Pressure	(3)	dB(A)	38	42	44	45	46	59
Sound Power	(4)(7)	dB(A)	47	51	53	54	56	68
MAX SPEED								
Fan Power Input	(1)	W	27,1	39,1	62,9	76,6	105	171
Air flow rate	(1)	m ³ /h	363	586	808	976	1351	1805
Total capacity in cooling mode	(1)	kW	2,00	3,38	4,36	5,68	7,50	8,76
Total Net Cooling Capacity	(1)(6)(7)	kW	1,97	3,34	4,30	5,60	7,40	8,59
Sensible capacity in cooling mode	(1)	kW	1,59	2,59	3,49	4,36	5,81	7,11
Net sensible cooling capacity	(1)(6)(7)	kW	1,56	2,56	3,43	4,28	5,71	6,93
Net latent power in cooling	(1)(6)(7)	kW	0,41	0,78	0,87	1,32	1,69	1,66
Max water flow	(1)	l/s	0,10	0,16	0,21	0,27	0,36	0,42
Pressure Drop in cooling mode	(1)	kPa	13	34	17	34	47	41
Total capacity (heating mode)	(2)	kW	2,40	3,68	5,09	6,53	8,51	9,82
Total Net Heating Capacity	(2)(6)	kW	2,43	3,72	5,16	6,60	8,61	9,99
Water flow in heating mode	(2)	l/s	0,12	0,18	0,25	0,32	0,41	0,47
Pressure drop in heating mode	(2)	kPa	16	41	20	31	53	53
Sound Pressure	(3)	dB(A)	48	51	53	54	56	60
Sound Power	(4)(7)	dB(A)	57	60	62	63	65	69
SIZE AND WEIGHT								
A	(5)	mm	450	650	850	1050	1250	1450
B	(5)	mm	215	215	215	215	215	215
H	(5)	mm	450	450	450	450	450	450
Operating weight	(5)	kg	11	14	20	24	28	34

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 HP DFIO/DLIO			0202	0402	0602	0802	1002	1202
ELECTRICAL DATA								
Power supply		V/ph/Hz	230/1/50	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	125	122	124	120	136	110
FCEER Class			B	B	B	B	B	C
HEATING ONLY (EN14511 VALUE)								
FCCOP	(2)(6)	kW/kW	141	162	173	165	183	153
FCCOP Class			C	B	B	B	B	C
PERFORMANCE								
MIN SPEED								
Fan Power Input	(1)	W	6,81	11,2	10,9	11,9	17,4	22,4
Air flow rate	(1)	m ³ /h	176	242	289	318	536	811
Total capacity in cooling mode	(1)	kW	1,00	1,50	1,95	2,35	3,23	4,65
Total Net Cooling Capacity	(1)(6)(7)	kW	0,99	1,49	1,94	2,33	3,22	4,63
Sensible capacity in cooling mode	(1)	kW	0,79	1,16	1,50	1,83	2,44	4,27
Net sensible cooling capacity	(1)(6)(7)	kW	0,78	1,15	1,49	1,82	2,42	4,25
Net latent power in cooling	(1)(6)(7)	kW	0,21	0,34	0,45	0,52	0,80	0,38
Max water flow	(1)	l/s	0,05	0,07	0,09	0,11	0,15	0,22
Pressure Drop in cooling mode	(1)	kPa	3	7	3	6	9	12
Total capacity (heating mode)	(2)	kW	1,18	1,68	2,28	2,70	3,61	5,21
Total Net Heating Capacity	(2)(6)	kW	1,19	1,69	2,29	2,72	3,63	5,23
Water flow in heating mode	(2)	l/s	0,06	0,08	0,11	0,13	0,17	0,25
Pressure drop in heating mode	(2)	kPa	4	9	4	6	11	15
Sound Pressure	(3)	dB(A)	30	33	33	34	37	57
Sound Power	(4)(7)	dB(A)	40	42	42	43	46	66
MED SPEED								
Fan Power Input	(1)	W	13,1	17,1	25,4	40,3	43,1	97,3
Air flow rate	(1)	m ³ /h	262	377	548	755	917	1437
Total capacity in cooling mode	(1)	kW	1,45	2,29	3,01	4,48	5,38	7,55
Total Net Cooling Capacity	(1)(6)(7)	kW	1,44	2,28	2,99	4,44	5,34	7,45
Sensible capacity in cooling mode	(1)	kW	1,14	1,74	2,39	3,42	4,13	6,35
Net sensible cooling capacity	(1)(6)(7)	kW	1,13	1,72	2,36	3,38	4,09	6,25
Net latent power in cooling	(1)(6)(7)	kW	0,30	0,56	0,63	1,06	1,26	1,20
Max water flow	(1)	l/s	0,07	0,11	0,14	0,21	0,26	0,36
Pressure Drop in cooling mode	(1)	kPa	7	16	8	21	24	31
Total capacity (heating mode)	(2)	kW	1,72	2,58	3,51	5,16	6,00	8,45
Total Net Heating Capacity	(2)(6)	kW	1,73	2,59	3,53	5,20	6,05	8,55
Water flow in heating mode	(2)	l/s	0,08	0,12	0,17	0,25	0,29	0,41
Pressure drop in heating mode	(2)	kPa	8	21	10	20	28	39
Sound Pressure	(3)	dB(A)	38	42	44	45	46	59
Sound Power	(4)(7)	dB(A)	47	51	53	54	56	68
MAX SPEED								
Fan Power Input	(1)	W	27,1	39,1	62,9	76,6	105	171
Air flow rate	(1)	m ³ /h	363	586	808	976	1351	1805
Total capacity in cooling mode	(1)	kW	2,00	3,38	4,36	5,68	7,50	8,76
Total Net Cooling Capacity	(1)(6)(7)	kW	1,97	3,34	4,30	5,60	7,40	8,59
Sensible capacity in cooling mode	(1)	kW	1,59	2,59	3,49	4,36	5,81	7,11
Net sensible cooling capacity	(1)(6)(7)	kW	1,56	2,56	3,43	4,28	5,71	6,93
Net latent power in cooling	(1)(6)(7)	kW	0,41	0,78	0,87	1,32	1,69	1,66
Max water flow	(1)	l/s	0,10	0,16	0,21	0,27	0,36	0,42
Pressure Drop in cooling mode	(1)	kPa	13	34	17	34	47	41
Total capacity (heating mode)	(2)	kW	2,40	3,68	5,09	6,53	8,51	9,82
Total Net Heating Capacity	(2)(6)	kW	2,43	3,72	5,16	6,60	8,61	9,99
Water flow in heating mode	(2)	l/s	0,12	0,18	0,25	0,32	0,41	0,47
Pressure drop in heating mode	(2)	kPa	16	41	20	31	53	53
Sound Pressure	(3)	dB(A)	48	51	53	54	56	60
Sound Power	(4)(7)	dB(A)	57	60	62	63	65	69
SIZE AND WEIGHT								
A	(5)	mm	545	745	945	1145	1345	1545
B	(5)	mm	215	215	215	215	215	215
H	(5)	mm	450	450	450	450	450	450
Operating weight	(5)	kg	12	15	21	25	29	34

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 HP DFIV/DLIV			0204	0404	0604	0804	1004	1204
ELECTRICAL DATA								
Power supply		V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
4 PIPES SYSTEM CONFIGURATION								
ENERGY EFFICIENCY								
COOLING (EN14511 VALUE)								
FCEER	(1)(6)	kW/kW	125	122	124	120	136	110
FCEER Class			B	B	B	B	B	C
HEATING ONLY (EN14511 VALUE)								
FCCOP	(2)(6)	kW/kW	104	99	110	103	116	91
FCCOP Class			C	D	C	C	C	D
PERFORMANCE								
MIN SPEED								
Fan Power Input	(1)	W	6,81	11,2	10,9	11,9	17,4	22,4
Air flow rate	(1)	m³/h	176	242	289	318	536	811
Total capacity in cooling mode	(1)	kW	1,00	1,50	1,95	2,35	3,23	4,65
Total Net Cooling Capacity	(1)(6)(7)	kW	0,99	1,49	1,94	2,33	3,22	4,63
Sensible capacity in cooling mode	(1)	kW	0,79	1,16	1,50	1,83	2,44	4,27
Net sensible cooling capacity	(1)(6)(7)	kW	0,78	1,15	1,49	1,82	2,42	4,25
Net latent power in cooling	(1)(6)(7)	kW	0,21	0,34	0,45	0,52	0,80	0,38
Max water flow	(1)	l/s	0,05	0,07	0,09	0,11	0,15	0,22
Pressure Drop in cooling mode	(1)	kPa	3	7	3	6	9	12
Total capacity (heating mode)	(2)	kW	0,69	1,01	1,43	1,66	2,27	3,07
Total Net Heating Capacity	(2)(6)	kW	0,70	1,03	1,45	1,67	2,28	3,09
Water flow in heating mode	(2)	l/s	0,02	0,02	0,03	0,04	0,06	0,07
Pressure drop in heating mode	(2)	kPa	2	3	6	2	4	11
Sound Pressure	(3)	dB(A)	30	33	33	34	37	57
Sound Power	(4)(7)	dB(A)	40	42	42	43	46	66
MED SPEED								
Fan Power Input	(1)	W	13,1	17,1	25,4	40,3	43,1	97,3
Air flow rate	(1)	m³/h	262	377	548	755	917	1437
Total capacity in cooling mode	(1)	kW	1,45	2,29	3,01	4,48	5,38	7,55
Total Net Cooling Capacity	(1)(6)(7)	kW	1,44	2,28	2,99	4,44	5,34	7,45
Sensible capacity in cooling mode	(1)	kW	1,14	1,74	2,39	3,42	4,13	6,35
Net sensible cooling capacity	(1)(6)(7)	kW	1,13	1,72	2,36	3,38	4,09	6,25
Net latent power in cooling	(1)(6)(7)	kW	0,30	0,56	0,63	1,06	1,26	1,20
Max water flow	(1)	l/s	0,07	0,11	0,14	0,21	0,26	0,36
Pressure Drop in cooling mode	(1)	kPa	7	16	8	21	24	31
Total capacity (heating mode)	(2)	kW	1,00	1,56	2,20	3,16	3,78	5,03
Total Net Heating Capacity	(2)(6)	kW	1,02	1,57	2,23	3,20	3,82	5,13
Water flow in heating mode	(2)	l/s	0,02	0,04	0,05	0,08	0,09	0,12
Pressure drop in heating mode	(2)	kPa	4	6	12	8	9	27
Sound Pressure	(3)	dB(A)	38	42	44	45	46	59
Sound Power	(4)(7)	dB(A)	47	51	53	54	56	68
MAX SPEED								
Fan Power Input	(1)	W	27,1	39,1	62,9	76,6	105	171
Air flow rate	(1)	m³/h	363	586	808	976	1351	1805
Total capacity in cooling mode	(1)	kW	2,00	3,38	4,36	5,68	7,50	8,76
Total Net Cooling Capacity	(1)(6)(7)	kW	1,97	3,34	4,30	5,60	7,40	8,59
Sensible capacity in cooling mode	(1)	kW	1,59	2,59	3,49	4,36	5,81	7,11
Net sensible cooling capacity	(1)(6)(7)	kW	1,56	2,56	3,43	4,28	5,71	6,93
Net latent power in cooling	(1)(6)(7)	kW	0,41	0,78	0,87	1,32	1,69	1,66
Max water flow	(1)	l/s	0,10	0,16	0,21	0,27	0,36	0,42
Pressure Drop in cooling mode	(1)	kPa	13	34	17	34	47	41
Total capacity (heating mode)	(2)	kW	1,39	2,28	3,20	4,00	5,27	5,84
Total Net Heating Capacity	(2)(6)	kW	1,42	2,32	3,26	4,08	5,37	6,01
Water flow in heating mode	(2)	l/s	0,03	0,06	0,08	0,10	0,13	0,14
Pressure drop in heating mode	(2)	kPa	8	13	25	13	17	36
Sound Pressure	(3)	dB(A)	48	51	53	54	56	60
Sound Power	(4)(7)	dB(A)	57	60	62	63	65	69
SIZE AND WEIGHT								
A	(5)	mm	450	650	850	1050	1250	1450
B	(5)	mm	215	215	215	215	215	215
H	(5)	mm	450	450	450	450	450	450
Operating weight	(5)	kg	12	15	22	25	29	35

Notes:

1 Room temperature 27°C d.b./18,9°C w.b., Chilled water (in/out) 7°C/12°C.

2 Room temperature 20 °C d.b., hot water (in/out) 65/55 °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 HP DFIO/DLIO			0204	0404	0604	0804	1004	1204
ELECTRICAL DATA								
Power supply		V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
4 PIPES SYSTEM CONFIGURATION								
ENERGY EFFICIENCY								
COOLING (EN14511 VALUE)								
FCEER	(1)(6)	kW/kW	125	122	124	120	136	110
FCEER Class			B	B	B	B	B	C
HEATING ONLY (EN14511 VALUE)								
FCCOP	(2)(6)	kW/kW	104	99	110	103	116	91
FCCOP Class			C	D	C	C	C	D
PERFORMANCE								
MIN SPEED								
Fan Power Input	(1)	W	6,81	11,2	10,9	11,9	17,4	22,4
Air flow rate	(1)	m³/h	176	242	289	318	536	811
Total capacity in cooling mode	(1)	kW	1,00	1,50	1,95	2,35	3,23	4,65
Total Net Cooling Capacity	(1)(6)(7)	kW	0,99	1,49	1,94	2,33	3,22	4,63
Sensible capacity in cooling mode	(1)	kW	0,79	1,16	1,50	1,83	2,44	4,27
Net sensible cooling capacity	(1)(6)(7)	kW	0,78	1,15	1,49	1,82	2,42	4,25
Net latent power in cooling	(1)(6)(7)	kW	0,21	0,34	0,45	0,52	0,80	0,38
Max water flow	(1)	l/s	0,05	0,07	0,09	0,11	0,15	0,22
Pressure Drop in cooling mode	(1)	kPa	3	7	3	6	9	12
Total capacity (heating mode)	(2)	kW	0,69	1,01	1,43	1,66	2,27	3,07
Total Net Heating Capacity	(2)(6)	kW	0,70	1,03	1,45	1,67	2,28	3,09
Water flow in heating mode	(2)	l/s	0,02	0,02	0,03	0,04	0,06	0,07
Pressure drop in heating mode	(2)	kPa	2	3	6	2	4	11
Sound Pressure	(3)	dB(A)	30	33	33	34	37	57
Sound Power	(4)(7)	dB(A)	40	42	42	43	46	66
MED SPEED								
Fan Power Input	(1)	W	13,1	17,1	25,4	40,3	43,1	97,3
Air flow rate	(1)	m³/h	262	377	548	755	917	1437
Total capacity in cooling mode	(1)	kW	1,45	2,29	3,01	4,48	5,38	7,55
Total Net Cooling Capacity	(1)(6)(7)	kW	1,44	2,28	2,99	4,44	5,34	7,45
Sensible capacity in cooling mode	(1)	kW	1,14	1,74	2,39	3,42	4,13	6,35
Net sensible cooling capacity	(1)(6)(7)	kW	1,13	1,72	2,36	3,38	4,09	6,25
Net latent power in cooling	(1)(6)(7)	kW	0,30	0,56	0,63	1,06	1,26	1,20
Max water flow	(1)	l/s	0,07	0,11	0,14	0,21	0,26	0,36
Pressure Drop in cooling mode	(1)	kPa	7	16	8	21	24	31
Total capacity (heating mode)	(2)	kW	1,00	1,56	2,20	3,16	3,78	5,03
Total Net Heating Capacity	(2)(6)	kW	1,02	1,57	2,23	3,20	3,82	5,13
Water flow in heating mode	(2)	l/s	0,02	0,04	0,05	0,08	0,09	0,12
Pressure drop in heating mode	(2)	kPa	4	6	12	8	9	27
Sound Pressure	(3)	dB(A)	38	42	44	45	46	59
Sound Power	(4)(7)	dB(A)	47	51	53	54	56	68
MAX SPEED								
Fan Power Input	(1)	W	27,1	39,1	62,9	76,6	105	171
Air flow rate	(1)	m³/h	363	586	808	976	1351	1805
Total capacity in cooling mode	(1)	kW	2,00	3,38	4,36	5,68	7,50	8,76
Total Net Cooling Capacity	(1)(6)(7)	kW	1,97	3,34	4,30	5,60	7,40	8,59
Sensible capacity in cooling mode	(1)	kW	1,59	2,59	3,49	4,36	5,81	7,11
Net sensible cooling capacity	(1)(6)(7)	kW	1,56	2,56	3,43	4,28	5,71	6,93
Net latent power in cooling	(1)(6)(7)	kW	0,41	0,78	0,87	1,32	1,69	1,66
Max water flow	(1)	l/s	0,10	0,16	0,21	0,27	0,36	0,42
Pressure Drop in cooling mode	(1)	kPa	13	34	17	34	47	41
Total capacity (heating mode)	(2)	kW	1,39	2,28	3,20	4,00	5,27	5,84
Total Net Heating Capacity	(2)(6)	kW	1,42	2,32	3,26	4,08	5,37	6,01
Water flow in heating mode	(2)	l/s	0,03	0,06	0,08	0,10	0,13	0,14
Pressure drop in heating mode	(2)	kPa	8	13	25	13	17	36
Sound Pressure	(3)	dB(A)	48	51	53	54	56	60
Sound Power	(4)(7)	dB(A)	57	60	62	63	65	69
SIZE AND WEIGHT								
A	(5)	mm	545	745	945	1145	1345	1545
B	(5)	mm	215	215	215	215	215	215
H	(5)	mm	450	450	450	450	450	450
Operating weight	(5)	kg	12	16	22	26	30	36

Notes:

1 Room temperature 27°C d.b./18,9°C w.b., Chilled water (in/out) 7°C/12°C.

2 Room temperature 20 °C d.b., hot water (in/out) 65/55 °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

