

**Fan-coil for professional applications,
with cabinet or built-in version
1,50-7,50 kW**



The new a-LIFE3 fancoil has been specifically developed to be adapted to every ambient thanks to its modern and minimal design which is result of the full experience and Climaveneta's know-how on this range of products.

Centrifugal fan with 6 speed via auto-transformer. Thanks to the different versions, with cabinet or built in, low air intake or front air intake, vertical or horizontal installation, it results very easy to find the perfect solution any time.

Version

DLMV	version with cabinet, low air intake, vertical installation
DLMO	version with cabinet, low air intake, horizontal installation
DFMV	version with cabinet, front air intake, vertical installation
DFMO	version with cabinet, front air intake, horizontal installation
DLIV	built-in version, low air intake, vertical installation.
DLIO	built-in version, low air intake, horizontal installation
DFIV	built-in version, front air intake, vertical installation
DFIO	built-in version, front air intake, horizontal installation

Features

Centrifugal Fan with double air inlet, to ensure the best performances with the best acoustic emissions.

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 6-speed autotransformer;

Air filter on all models.

Automatically closing flap to cover and protect electric controls from dripping water (in conformity with directive 60335-2-40).

Auxiliary drain pan with thermal insulation for all Horizontal versions, made of galvanized steel.

Plastic drain pan for all Vertical versions.

Accessory

- Hot water coil kit
- Kit Bus Adapter for BMS
- Kit RS485 - interface for Building Management System
- Kit Gateway interface for MyHome Bticino System
- Interface SPB Kit
- Kit control board to manage 0-10V or 3 points modulating valve unit
- Main and additional coil valve unit ON/OFF, PWM, 0-10 V, 3 points 2-way or 3-way
- Kit LIFE3 BOX
- Plenum kit with round, straight or 90° air ducts.
- Air intake grille kit with version cover
- Horizontal and vertical fan coil auxiliary tray
- Electric heaters

Controls

PS plug-in/PSW wall mounted

Fan speed slider, mode slider (OFF/summer/winter). ON/OFF valve unit control (summer/winter for 2 pipes installation), ON/OFF second valve unit control (winter for 4 pipes installation). Remote water temperature probe.

MT plug-in/MTW wall mounted

Fan speed slider, mode slider (OFF/summer/winter). Thermostat with set point regulation. ON/OFF valve unit control (summer/winter for 2 pipes installation), ON/OFF second valve unit control (winter for 4 pipes installation). Room temperature probe. Remote water temperature probe.

AT plug-in/ATW wall mounted

Mode button (OFF/summer/winter/AUTO), fan speed button (Max/Med/Min/AUTO). Thermostat with set point regulation. ON/OFF valve unit control (summer/winter for 2 and 4 pipes installation). Control of traditional or PWM modulating valve units. Room temperature probe and water temperature probe. Digital input configurable as: window contact, economy, heating or cooling remote changeover, periodic ventilation. Configuration dip switch. TTL serial port with Modbus protocol for installation in BMS.

EK plug-in control /EKW wall mounted control

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 LIFE 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

Remote control

In combination with (i)HB powerboard on board of the units, it's possible to have Set-point regulation, selection of functioning mode (cool, heat, dehumidify, fan), and fan speed (Max, Med, Min, AUTO). User-friendly compact remote control with fine aesthetics.

a-LIFE2 / DLIV-DFIV			0102	0202	0302	0402	0502
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	46	65	61	65	59
FCEER Class			E	D	D	D	D
HEATING ONLY (EN14511 VALUE)							
FCCOP	(2)(6)	kW/kW	55	78	71	74	69
FCCOP Class			E	D	D	D	E
PERFORMANCE							
MIN SPEED							
Fan Power Input	(1)	W	20,0	20,0	29,0	32,0	40,0
Air flow rate	(1)	m ³ /h	180	270	350	380	500
Total capacity in cooling mode	(1)	kW	1,00	1,49	2,07	2,31	2,85
Total Net Cooling Capacity	(1)(6)(7)	kW	0,98	1,47	2,04	2,28	2,81
Sensible capacity in cooling mode	(1)	kW	0,78	1,18	1,59	1,75	2,22
Net sensible cooling capacity	(1)(6)(7)	kW	0,76	1,16	1,56	1,72	2,18
Net latent power in cooling	(1)(6)(7)	kW	0,22	0,31	0,48	0,56	0,63
Max water flow	(1)	l/s	0,05	0,07	0,10	0,11	0,14
Pressure Drop in cooling mode	(1)	kPa	4	7	16	16	7
Total capacity (heating mode)	(2)	kW	1,19	1,77	2,37	2,59	3,23
Total Net Heating Capacity	(2)(6)	kW	1,21	1,79	2,40	2,63	3,27
Water flow in heating mode	(2)	l/s	0,06	0,09	0,11	0,13	0,16
Pressure drop in heating mode	(2)	kPa	5	9	19	21	8
Sound Pressure	(3)	dB(A)	28	37	36	37	37
Sound Power	(4)(7)	dB(A)	37	46	45	46	46
MED SPEED							
Fan Power Input	(1)	W	29,0	32,0	47,0	50,0	67,0
Air flow rate	(1)	m ³ /h	210	290	410	500	560
Total capacity in cooling mode	(1)	kW	1,16	1,74	2,33	2,85	3,08
Total Net Cooling Capacity	(1)(6)(7)	kW	1,13	1,71	2,28	2,80	3,01
Sensible capacity in cooling mode	(1)	kW	0,90	1,31	1,77	2,22	2,43
Net sensible cooling capacity	(1)(6)(7)	kW	0,87	1,28	1,72	2,17	2,37
Net latent power in cooling	(1)(6)(7)	kW	0,26	0,43	0,56	0,63	0,65
Max water flow	(1)	l/s	0,06	0,08	0,11	0,14	0,15
Pressure Drop in cooling mode	(1)	kPa	5	10	21	24	8
Total capacity (heating mode)	(2)	kW	1,38	1,96	2,61	3,26	3,54
Total Net Heating Capacity	(2)(6)	kW	1,40	1,99	2,66	3,31	3,61
Water flow in heating mode	(2)	l/s	0,07	0,09	0,13	0,16	0,17
Pressure drop in heating mode	(2)	kPa	7	11	23	32	10
Sound Pressure	(3)	dB(A)	31	39	37	42	39
Sound Power	(4)(7)	dB(A)	40	48	46	51	48
MAX SPEED							
Fan Power Input	(1)	W	34,0	34,0	56,0	59,0	80,0
Air flow rate	(1)	m ³ /h	300	360	520	590	660
Total capacity in cooling mode	(1)	kW	1,50	2,00	2,85	3,40	3,80
Total Net Cooling Capacity	(1)(6)(7)	kW	1,47	1,97	2,80	3,34	3,72
Sensible capacity in cooling mode	(1)	kW	1,23	1,59	2,22	2,61	2,94
Net sensible cooling capacity	(1)(6)(7)	kW	1,20	1,55	2,17	2,55	2,87
Net latent power in cooling	(1)(6)(7)	kW	0,27	0,41	0,63	0,79	0,86
Max water flow	(1)	l/s	0,07	0,10	0,14	0,16	0,18
Pressure Drop in cooling mode	(1)	kPa	9	13	31	34	13
Total capacity (heating mode)	(2)	kW	1,86	2,40	3,27	3,71	4,38
Total Net Heating Capacity	(2)(6)	kW	1,89	2,43	3,33	3,77	4,46
Water flow in heating mode	(2)	l/s	0,09	0,12	0,16	0,18	0,21
Pressure drop in heating mode	(2)	kPa	12	16	35	41	14
Sound Pressure	(3)	dB(A)	39	45	42	47	45
Sound Power	(4)(7)	dB(A)	48	54	51	56	54
SIZE AND WEIGHT							
A	(5)	mm	450	450	650	650	850
B	(5)	mm	215	215	215	215	215
H	(5)	mm	450	450	450	450	450
Operating weight	(5)	kg	11	11	13	14	19

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]

a-LIFE2 / DLIV-DFIV			0602	0702	0802	0902	1002
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	53	70	74	61	70
FCEER Class			E	D	D	D	D
HEATING ONLY (EN14511 VALUE)							
FCCOP	(2)(6)	kW/kW	62	82	88	71	80
FCCOP Class			E	D	D	D	D
PERFORMANCE							
MIN SPEED							
Fan Power Input	(1)	W	51,0	47,0	50,0	63,0	65,0
Air flow rate	(1)	m ³ /h	550	640	760	790	920
Total capacity in cooling mode	(1)	kW	3,02	4,06	4,50	4,71	5,40
Total Net Cooling Capacity	(1)(6)(7)	kW	2,97	4,01	4,45	4,65	5,34
Sensible capacity in cooling mode	(1)	kW	2,39	3,00	3,44	3,59	4,14
Net sensible cooling capacity	(1)(6)(7)	kW	2,34	2,96	3,39	3,53	4,08
Net latent power in cooling	(1)(6)(7)	kW	0,63	1,06	1,06	1,12	1,26
Max water flow	(1)	l/s	0,14	0,19	0,22	0,23	0,26
Pressure Drop in cooling mode	(1)	kPa	10	15	22	19	33
Total capacity (heating mode)	(2)	kW	3,52	4,57	5,19	5,31	6,02
Total Net Heating Capacity	(2)(6)	kW	3,57	4,62	5,24	5,37	6,09
Water flow in heating mode	(2)	l/s	0,17	0,22	0,25	0,26	0,29
Pressure drop in heating mode	(2)	kPa	12	17	20	23	37
Sound Pressure	(3)	dB(A)	39	41	44	41	45
Sound Power	(4)(7)	dB(A)	48	50	53	50	54
MED SPEED							
Fan Power Input	(1)	W	82,0	83,0	86,0	113	117
Air flow rate	(1)	m ³ /h	670	780	910	1010	1180
Total capacity in cooling mode	(1)	kW	3,75	4,50	5,06	5,41	6,62
Total Net Cooling Capacity	(1)(6)(7)	kW	3,67	4,42	4,98	5,30	6,51
Sensible capacity in cooling mode	(1)	kW	2,94	3,49	3,99	4,16	5,16
Net sensible cooling capacity	(1)(6)(7)	kW	2,86	3,40	3,90	4,05	5,04
Net latent power in cooling	(1)(6)(7)	kW	0,81	1,02	1,07	1,25	1,46
Max water flow	(1)	l/s	0,18	0,22	0,24	0,26	0,32
Pressure Drop in cooling mode	(1)	kPa	15	18	27	26	50
Total capacity (heating mode)	(2)	kW	4,35	5,21	5,86	6,05	7,52
Total Net Heating Capacity	(2)(6)	kW	4,43	5,29	5,94	6,16	7,64
Water flow in heating mode	(2)	l/s	0,21	0,25	0,28	0,29	0,36
Pressure drop in heating mode	(2)	kPa	17	22	25	29	55
Sound Pressure	(3)	dB(A)	45	44	47	45	51
Sound Power	(4)(7)	dB(A)	54	53	56	54	60
MAX SPEED							
Fan Power Input	(1)	W	98,0	101	104	133	137
Air flow rate	(1)	m ³ /h	815	890	980	1140	1310
Total capacity in cooling mode	(1)	kW	4,40	5,15	5,70	6,15	7,50
Total Net Cooling Capacity	(1)(6)(7)	kW	4,30	5,05	5,60	6,02	7,37
Sensible capacity in cooling mode	(1)	kW	3,52	3,99	4,38	4,66	5,81
Net sensible cooling capacity	(1)(6)(7)	kW	3,43	3,89	4,28	4,52	5,68
Net latent power in cooling	(1)(6)(7)	kW	0,88	1,16	1,32	1,50	1,69
Max water flow	(1)	l/s	0,21	0,25	0,27	0,29	0,36
Pressure Drop in cooling mode	(1)	kPa	21	24	35	33	64
Total capacity (heating mode)	(2)	kW	5,14	5,88	6,55	6,82	8,51
Total Net Heating Capacity	(2)(6)	kW	5,24	5,98	6,66	6,96	8,65
Water flow in heating mode	(2)	l/s	0,25	0,28	0,32	0,33	0,41
Pressure drop in heating mode	(2)	kPa	24	27	31	36	70
Sound Pressure	(3)	dB(A)	50	47	50	50	55
Sound Power	(4)(7)	dB(A)	59	56	59	59	64
SIZE AND WEIGHT							
A	(5)	mm	850	1050	1050	1250	1250
B	(5)	mm	215	215	215	215	215
H	(5)	mm	450	450	450	450	450
Operating weight	(5)	kg	20	23	24	27	28

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

a-LIFE2 / DLIO-DFIO			0102	0202	0302	0402	0502
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	46	65	61	65	59
FCEER Class			E	D	D	D	D
HEATING ONLY (EN14511 VALUE)							
FCCOP	(2)(6)	kW/kW	55	78	71	74	69
FCCOP Class			E	D	D	D	E
PERFORMANCE							
MIN SPEED							
Fan Power Input	(1)	W	20,0	20,0	29,0	32,0	40,0
Air flow rate	(1)	m³/h	180	270	350	380	500
Total capacity in cooling mode	(1)	kW	1,00	1,49	2,07	2,31	2,85
Total Net Cooling Capacity	(1)(6)(7)	kW	0,98	1,47	2,04	2,28	2,81
Sensible capacity in cooling mode	(1)	kW	0,78	1,18	1,59	1,75	2,22
Net sensible cooling capacity	(1)(6)(7)	kW	0,76	1,16	1,56	1,72	2,18
Net latent power in cooling	(1)(6)(7)	kW	0,22	0,31	0,48	0,56	0,63
Max water flow	(1)	l/s	0,05	0,07	0,10	0,11	0,14
Pressure Drop in cooling mode	(1)	kPa	4	7	16	16	7
Total capacity (heating mode)	(2)	kW	1,19	1,77	2,37	2,59	3,23
Total Net Heating Capacity	(2)(6)	kW	1,21	1,79	2,40	2,63	3,27
Water flow in heating mode	(2)	l/s	0,06	0,09	0,11	0,13	0,16
Pressure drop in heating mode	(2)	kPa	5	9	19	21	8
Sound Pressure	(3)	dB(A)	28	37	36	37	37
Sound Power	(4)(7)	dB(A)	37	46	45	46	46
MED SPEED							
Fan Power Input	(1)	W	29,0	32,0	47,0	50,0	67,0
Air flow rate	(1)	m³/h	210	290	410	500	560
Total capacity in cooling mode	(1)	kW	1,16	1,74	2,33	2,85	3,08
Total Net Cooling Capacity	(1)(6)(7)	kW	1,13	1,71	2,28	2,80	3,01
Sensible capacity in cooling mode	(1)	kW	0,90	1,31	1,77	2,22	2,43
Net sensible cooling capacity	(1)(6)(7)	kW	0,87	1,28	1,72	2,17	2,37
Net latent power in cooling	(1)(6)(7)	kW	0,26	0,43	0,56	0,63	0,65
Max water flow	(1)	l/s	0,06	0,08	0,11	0,14	0,15
Pressure Drop in cooling mode	(1)	kPa	5	10	21	24	8
Total capacity (heating mode)	(2)	kW	1,38	1,96	2,61	3,26	3,54
Total Net Heating Capacity	(2)(6)	kW	1,40	1,99	2,66	3,31	3,61
Water flow in heating mode	(2)	l/s	0,07	0,09	0,13	0,16	0,17
Pressure drop in heating mode	(2)	kPa	7	11	23	32	10
Sound Pressure	(3)	dB(A)	31	39	37	42	39
Sound Power	(4)(7)	dB(A)	40	48	46	51	48
MAX SPEED							
Fan Power Input	(1)	W	34,0	34,0	56,0	59,0	80,0
Air flow rate	(1)	m³/h	300	360	520	590	660
Total capacity in cooling mode	(1)	kW	1,50	2,00	2,85	3,40	3,80
Total Net Cooling Capacity	(1)(6)(7)	kW	1,47	1,97	2,80	3,34	3,72
Sensible capacity in cooling mode	(1)	kW	1,23	1,59	2,22	2,61	2,94
Net sensible cooling capacity	(1)(6)(7)	kW	1,20	1,55	2,17	2,55	2,87
Net latent power in cooling	(1)(6)(7)	kW	0,27	0,41	0,63	0,79	0,86
Max water flow	(1)	l/s	0,07	0,10	0,14	0,16	0,18
Pressure Drop in cooling mode	(1)	kPa	9	13	31	34	13
Total capacity (heating mode)	(2)	kW	1,86	2,40	3,27	3,71	4,38
Total Net Heating Capacity	(2)(6)	kW	1,89	2,43	3,33	3,77	4,46
Water flow in heating mode	(2)	l/s	0,09	0,12	0,16	0,18	0,21
Pressure drop in heating mode	(2)	kPa	12	16	35	41	14
Sound Pressure	(3)	dB(A)	39	45	42	47	45
Sound Power	(4)(7)	dB(A)	48	54	51	56	54
SIZE AND WEIGHT							
A	(5)	mm	545	545	745	745	945
B	(5)	mm	215	215	215	215	215
H	(5)	mm	450	450	450	450	450
Operating weight	(5)	kg	11	12	14	15	20

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]

a-LIFE2 / DLIO-DFIO

0602

0702

0802

0902

1002

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	53	70	74	61	70
FCEER Class			E	D	D	D	D

HEATING ONLY (EN14511 VALUE)

FCCOP	(2)(6)	kW/kW	62	82	88	71	80
FCCOP Class			E	D	D	D	D

PERFORMANCE

MIN SPEED

Fan Power Input	(1)	W	51,0	47,0	50,0	63,0	65,0
Air flow rate	(1)	m³/h	550	640	760	790	920
Total capacity in cooling mode	(1)	kW	3,02	4,06	4,50	4,71	5,40
Total Net Cooling Capacity	(1)(6)(7)	kW	2,97	4,01	4,45	4,65	5,34
Sensible capacity in cooling mode	(1)	kW	2,39	3,00	3,44	3,59	4,14
Net sensible cooling capacity	(1)(6)(7)	kW	2,34	2,96	3,39	3,53	4,08
Net latent power in cooling	(1)(6)(7)	kW	0,63	1,06	1,06	1,12	1,26
Max water flow	(1)	l/s	0,14	0,19	0,22	0,23	0,26
Pressure Drop in cooling mode	(1)	kPa	10	15	22	19	33
Total capacity (heating mode)	(2)	kW	3,52	4,57	5,19	5,31	6,02
Total Net Heating Capacity	(2)(6)	kW	3,57	4,62	5,24	5,37	6,09
Water flow in heating mode	(2)	l/s	0,17	0,22	0,25	0,26	0,29
Pressure drop in heating mode	(2)	kPa	12	17	20	23	37
Sound Pressure	(3)	dB(A)	39	41	44	41	45
Sound Power	(4)(7)	dB(A)	48	50	53	50	54

MED SPEED

Fan Power Input	(1)	W	82,0	83,0	86,0	113	117
Air flow rate	(1)	m³/h	670	780	910	1010	1180
Total capacity in cooling mode	(1)	kW	3,75	4,50	5,06	5,41	6,62
Total Net Cooling Capacity	(1)(6)(7)	kW	3,67	4,42	4,98	5,30	6,51
Sensible capacity in cooling mode	(1)	kW	2,94	3,49	3,99	4,16	5,16
Net sensible cooling capacity	(1)(6)(7)	kW	2,86	3,40	3,90	4,05	5,04
Net latent power in cooling	(1)(6)(7)	kW	0,81	1,02	1,07	1,25	1,46
Max water flow	(1)	l/s	0,18	0,22	0,24	0,26	0,32
Pressure Drop in cooling mode	(1)	kPa	15	18	27	26	50
Total capacity (heating mode)	(2)	kW	4,35	5,21	5,86	6,05	7,52
Total Net Heating Capacity	(2)(6)	kW	4,43	5,29	5,94	6,16	7,64
Water flow in heating mode	(2)	l/s	0,21	0,25	0,28	0,29	0,36
Pressure drop in heating mode	(2)	kPa	17	22	25	29	55
Sound Pressure	(3)	dB(A)	45	44	47	45	51
Sound Power	(4)(7)	dB(A)	54	53	56	54	60

MAX SPEED

Fan Power Input	(1)	W	98,0	101	104	133	137
Air flow rate	(1)	m³/h	815	890	980	1140	1310
Total capacity in cooling mode	(1)	kW	4,40	5,15	5,70	6,15	7,50
Total Net Cooling Capacity	(1)(6)(7)	kW	4,30	5,05	5,60	6,02	7,37
Sensible capacity in cooling mode	(1)	kW	3,52	3,99	4,38	4,66	5,81
Net sensible cooling capacity	(1)(6)(7)	kW	3,43	3,89	4,28	4,52	5,68
Net latent power in cooling	(1)(6)(7)	kW	0,88	1,16	1,32	1,50	1,69
Max water flow	(1)	l/s	0,21	0,25	0,27	0,29	0,36
Pressure Drop in cooling mode	(1)	kPa	21	24	35	33	64
Total capacity (heating mode)	(2)	kW	5,14	5,88	6,55	6,82	8,51
Total Net Heating Capacity	(2)(6)	kW	5,24	5,98	6,66	6,96	8,65
Water flow in heating mode	(2)	l/s	0,25	0,28	0,32	0,33	0,41
Pressure drop in heating mode	(2)	kPa	24	27	31	36	70
Sound Pressure	(3)	dB(A)	50	47	50	50	55
Sound Power	(4)(7)	dB(A)	59	56	59	59	64

SIZE AND WEIGHT

A	(5)	mm	945	1145	1145	1345	1345
B	(5)	mm	215	215	215	215	215
H	(5)	mm	450	450	450	450	450
Operating weight	(5)	kg	21	23	25	27	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

a-LIFE2 / DLMV-DFMV / DLMO-DFMO			0102	0202	0302	0402	0502
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	46	65	61	65	59
FCEER Class			E	D	D	D	D
HEATING ONLY (EN14511 VALUE)							
FCCOP	(2)(6)	kW/kW	55	78	71	74	69
FCCOP Class			E	D	D	D	E
PERFORMANCE							
MIN SPEED							
Fan Power Input	(1)	W	20,0	20,0	29,0	32,0	40,0
Air flow rate	(1)	m³/h	180	270	350	380	500
Total capacity in cooling mode	(1)	kW	1,00	1,49	2,07	2,31	2,85
Total Net Cooling Capacity	(1)(6)(7)	kW	0,98	1,47	2,04	2,28	2,81
Sensible capacity in cooling mode	(1)	kW	0,78	1,18	1,59	1,75	2,22
Net sensible cooling capacity	(1)(6)(7)	kW	0,76	1,16	1,56	1,72	2,18
Net latent power in cooling	(1)(6)(7)	kW	0,22	0,31	0,48	0,56	0,63
Max water flow	(1)	l/s	0,05	0,07	0,10	0,11	0,14
Pressure Drop in cooling mode	(1)	kPa	4	7	16	16	7
Total capacity (heating mode)	(2)	kW	1,19	1,77	2,37	2,59	3,23
Total Net Heating Capacity	(2)(6)	kW	1,21	1,79	2,40	2,63	3,27
Water flow in heating mode	(2)	l/s	0,06	0,09	0,11	0,13	0,16
Pressure drop in heating mode	(2)	kPa	5	9	19	21	8
Sound Pressure	(3)	dB(A)	28	37	36	37	37
Sound Power	(4)(7)	dB(A)	37	46	45	46	46
MED SPEED							
Fan Power Input	(1)	W	29,0	32,0	47,0	50,0	67,0
Air flow rate	(1)	m³/h	210	290	410	500	560
Total capacity in cooling mode	(1)	kW	1,16	1,74	2,33	2,85	3,08
Total Net Cooling Capacity	(1)(6)(7)	kW	1,13	1,71	2,28	2,80	3,01
Sensible capacity in cooling mode	(1)	kW	0,90	1,31	1,77	2,22	2,43
Net sensible cooling capacity	(1)(6)(7)	kW	0,87	1,28	1,72	2,17	2,37
Net latent power in cooling	(1)(6)(7)	kW	0,26	0,43	0,56	0,63	0,65
Max water flow	(1)	l/s	0,06	0,08	0,11	0,14	0,15
Pressure Drop in cooling mode	(1)	kPa	5	10	21	24	8
Total capacity (heating mode)	(2)	kW	1,38	1,96	2,61	3,26	3,54
Total Net Heating Capacity	(2)(6)	kW	1,40	1,99	2,66	3,31	3,61
Water flow in heating mode	(2)	l/s	0,07	0,09	0,13	0,16	0,17
Pressure drop in heating mode	(2)	kPa	7	11	23	32	10
Sound Pressure	(3)	dB(A)	31	39	37	42	39
Sound Power	(4)(7)	dB(A)	40	48	46	51	48
MAX SPEED							
Fan Power Input	(1)	W	34,0	34,0	56,0	59,0	80,0
Air flow rate	(1)	m³/h	300	360	520	590	660
Total capacity in cooling mode	(1)	kW	1,50	2,00	2,85	3,40	3,80
Total Net Cooling Capacity	(1)(6)(7)	kW	1,47	1,97	2,80	3,34	3,72
Sensible capacity in cooling mode	(1)	kW	1,23	1,59	2,22	2,61	2,94
Net sensible cooling capacity	(1)(6)(7)	kW	1,20	1,55	2,17	2,55	2,87
Net latent power in cooling	(1)(6)(7)	kW	0,27	0,41	0,63	0,79	0,86
Max water flow	(1)	l/s	0,07	0,10	0,14	0,16	0,18
Pressure Drop in cooling mode	(1)	kPa	9	13	31	34	13
Total capacity (heating mode)	(2)	kW	1,86	2,40	3,27	3,71	4,38
Total Net Heating Capacity	(2)(6)	kW	1,89	2,43	3,33	3,77	4,46
Water flow in heating mode	(2)	l/s	0,09	0,12	0,16	0,18	0,21
Pressure drop in heating mode	(2)	kPa	12	16	35	41	14
Sound Pressure	(3)	dB(A)	39	45	42	47	45
Sound Power	(4)(7)	dB(A)	48	54	51	56	54
SIZE AND WEIGHT							
A	(5)	mm	922	922	1112	1112	1302
B	(5)	mm	233	233	233	233	233
H	(5)	mm	499	499	499	499	499
Operating weight	(5)	kg	16	17	20	21	27

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]

a-LIFE2 / DLMV-DFMV / DLMO-DFMO			0602	0702	0802	0902	1002
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	53	70	74	61	70
FCEER Class			E	D	D	D	D
HEATING ONLY (EN14511 VALUE)							
FCCOP	(2)(6)	kW/kW	62	82	88	71	80
FCCOP Class			E	D	D	D	D
PERFORMANCE							
MIN SPEED							
Fan Power Input	(1)	W	51,0	47,0	50,0	63,0	65,0
Air flow rate	(1)	m³/h	550	640	760	790	920
Total capacity in cooling mode	(1)	kW	3,02	4,06	4,50	4,71	5,40
Total Net Cooling Capacity	(1)(6)(7)	kW	2,97	4,01	4,45	4,65	5,34
Sensible capacity in cooling mode	(1)	kW	2,39	3,00	3,44	3,59	4,14
Net sensible cooling capacity	(1)(6)(7)	kW	2,34	2,96	3,39	3,53	4,08
Net latent power in cooling	(1)(6)(7)	kW	0,63	1,06	1,06	1,12	1,26
Max water flow	(1)	l/s	0,14	0,19	0,22	0,23	0,26
Pressure Drop in cooling mode	(1)	kPa	10	15	22	19	33
Total capacity (heating mode)	(2)	kW	3,52	4,57	5,19	5,31	6,02
Total Net Heating Capacity	(2)(6)	kW	3,57	4,62	5,24	5,37	6,09
Water flow in heating mode	(2)	l/s	0,17	0,22	0,25	0,26	0,29
Pressure drop in heating mode	(2)	kPa	12	17	20	23	37
Sound Pressure	(3)	dB(A)	39	41	44	41	45
Sound Power	(4)(7)	dB(A)	48	50	53	50	54
MED SPEED							
Fan Power Input	(1)	W	82,0	83,0	86,0	113	117
Air flow rate	(1)	m³/h	670	780	910	1010	1180
Total capacity in cooling mode	(1)	kW	3,75	4,50	5,06	5,41	6,62
Total Net Cooling Capacity	(1)(6)(7)	kW	3,67	4,42	4,98	5,30	6,51
Sensible capacity in cooling mode	(1)	kW	2,94	3,49	3,99	4,16	5,16
Net sensible cooling capacity	(1)(6)(7)	kW	2,86	3,40	3,90	4,05	5,04
Net latent power in cooling	(1)(6)(7)	kW	0,81	1,02	1,07	1,25	1,46
Max water flow	(1)	l/s	0,18	0,22	0,24	0,26	0,32
Pressure Drop in cooling mode	(1)	kPa	15	18	27	26	50
Total capacity (heating mode)	(2)	kW	4,35	5,21	5,86	6,05	7,52
Total Net Heating Capacity	(2)(6)	kW	4,43	5,29	5,94	6,16	7,64
Water flow in heating mode	(2)	l/s	0,21	0,25	0,28	0,29	0,36
Pressure drop in heating mode	(2)	kPa	17	22	25	29	55
Sound Pressure	(3)	dB(A)	45	44	47	45	51
Sound Power	(4)(7)	dB(A)	54	53	56	54	60
MAX SPEED							
Fan Power Input	(1)	W	98,0	101	104	133	137
Air flow rate	(1)	m³/h	815	890	980	1140	1310
Total capacity in cooling mode	(1)	kW	4,40	5,15	5,70	6,15	7,50
Total Net Cooling Capacity	(1)(6)(7)	kW	4,30	5,05	5,60	6,02	7,37
Sensible capacity in cooling mode	(1)	kW	3,52	3,99	4,38	4,66	5,81
Net sensible cooling capacity	(1)(6)(7)	kW	3,43	3,89	4,28	4,52	5,68
Net latent power in cooling	(1)(6)(7)	kW	0,88	1,16	1,32	1,50	1,69
Max water flow	(1)	l/s	0,21	0,25	0,27	0,29	0,36
Pressure Drop in cooling mode	(1)	kPa	21	24	35	33	64
Total capacity (heating mode)	(2)	kW	5,14	5,88	6,55	6,82	8,51
Total Net Heating Capacity	(2)(6)	kW	5,24	5,98	6,66	6,96	8,65
Water flow in heating mode	(2)	l/s	0,25	0,28	0,32	0,33	0,41
Pressure drop in heating mode	(2)	kPa	24	27	31	36	70
Sound Pressure	(3)	dB(A)	50	47	50	50	55
Sound Power	(4)(7)	dB(A)	59	56	59	59	64
SIZE AND WEIGHT							
A	(5)	mm	1302	1492	1492	1682	1682
B	(5)	mm	233	233	233	233	233
H	(5)	mm	499	499	499	499	499
Operating weight	(5)	kg	28	32	33	37	38

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

a-LIFE2 / DLIV-DFIV			0104	0204	0304	0404	0504
ELECTRICAL DATA							
Power supply		V/ph/Hz	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	46	65	61	65	70
FCEER Class			E	D	D	D	D
HEATING ONLY (EN14511 VALUE)							
FCCOP	(2)(6)	kW/kW	34	49	45	48	56
FCCOP Class			G	F	F	F	E
PERFORMANCE							
MIN SPEED							
Fan Power Input	(1)	W	20,0	20,0	29,0	32,0	34,0
Air flow rate	(1)	m³/h	180	270	350	380	500
Total capacity in cooling mode	(1)	kW	1,00	1,49	2,07	2,31	2,85
Total Net Cooling Capacity	(1)(6)(7)	kW	0,98	1,47	2,04	2,28	2,82
Sensible capacity in cooling mode	(1)	kW	0,78	1,18	1,59	1,75	2,22
Net sensible cooling capacity	(1)(6)(7)	kW	0,76	1,16	1,56	1,72	2,19
Net latent power in cooling	(1)(6)(7)	kW	0,22	0,31	0,48	0,56	0,63
Max water flow	(1)	l/s	0,05	0,07	0,10	0,11	0,14
Pressure Drop in cooling mode	(1)	kPa	4	7	16	16	7
Total capacity (heating mode)	(2)	kW	0,74	1,10	1,49	1,67	2,23
Total Net Heating Capacity	(2)(6)	kW	0,76	1,12	1,52	1,70	2,26
Water flow in heating mode	(2)	l/s	0,02	0,03	0,04	0,04	0,05
Pressure drop in heating mode	(2)	kPa	2	5	6	7	13
Sound Pressure	(3)	dB(A)	28	37	36	37	37
Sound Power	(4)(7)	dB(A)	37	46	45	46	46
MED SPEED							
Fan Power Input	(1)	W	29,0	32,0	47,0	50,0	56,0
Air flow rate	(1)	m³/h	210	290	410	500	560
Total capacity in cooling mode	(1)	kW	1,16	1,74	2,33	2,85	3,08
Total Net Cooling Capacity	(1)(6)(7)	kW	1,13	1,71	2,28	2,80	3,03
Sensible capacity in cooling mode	(1)	kW	0,90	1,31	1,77	2,22	2,43
Net sensible cooling capacity	(1)(6)(7)	kW	0,87	1,28	1,72	2,17	2,38
Net latent power in cooling	(1)(6)(7)	kW	0,26	0,43	0,56	0,63	0,65
Max water flow	(1)	l/s	0,06	0,08	0,11	0,14	0,15
Pressure Drop in cooling mode	(1)	kPa	5	10	21	24	8
Total capacity (heating mode)	(2)	kW	0,86	1,29	1,68	2,05	2,41
Total Net Heating Capacity	(2)(6)	kW	0,89	1,32	1,73	2,10	2,47
Water flow in heating mode	(2)	l/s	0,02	0,03	0,04	0,05	0,06
Pressure drop in heating mode	(2)	kPa	3	7	7	11	15
Sound Pressure	(3)	dB(A)	31	39	37	42	39
Sound Power	(4)(7)	dB(A)	40	48	46	51	48
MAX SPEED							
Fan Power Input	(1)	W	34,0	34,0	56,0	59,0	67,0
Air flow rate	(1)	m³/h	300	360	520	590	660
Total capacity in cooling mode	(1)	kW	1,50	2,00	2,85	3,40	3,80
Total Net Cooling Capacity	(1)(6)(7)	kW	1,47	1,97	2,80	3,34	3,73
Sensible capacity in cooling mode	(1)	kW	1,23	1,59	2,22	2,61	2,94
Net sensible cooling capacity	(1)(6)(7)	kW	1,20	1,55	2,17	2,55	2,88
Net latent power in cooling	(1)(6)(7)	kW	0,27	0,41	0,63	0,79	0,86
Max water flow	(1)	l/s	0,07	0,10	0,14	0,16	0,18
Pressure Drop in cooling mode	(1)	kPa	9	13	31	34	13
Total capacity (heating mode)	(2)	kW	1,11	1,48	2,05	2,45	2,97
Total Net Heating Capacity	(2)(6)	kW	1,15	1,52	2,11	2,51	3,04
Water flow in heating mode	(2)	l/s	0,03	0,04	0,05	0,06	0,07
Pressure drop in heating mode	(2)	kPa	5	9	11	15	22
Sound Pressure	(3)	dB(A)	39	45	42	47	45
Sound Power	(4)(7)	dB(A)	48	54	51	56	54
SIZE AND WEIGHT							
A	(5)	mm	450	450	650	650	850
B	(5)	mm	215	215	215	215	215
H	(5)	mm	450	450	450	450	450
Operating weight	(5)	kg	12	12	14	15	21

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]

a-LIFE2 / DLIV-DFIV

0604

0704

0804

0904

1004

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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4 PIPES SYSTEM CONFIGURATION

ENERGY EFFICIENCY

COOLING (EN14511 VALUE)

FCEER	(1)(6)	kW/kW	93	70	74	61	70
FCEER Class			C	D	D	D	D

HEATING ONLY (EN14511 VALUE)

FCCOP	(2)(6)	kW/kW	73	54	57	47	53
FCCOP Class			D	E	E	F	E

PERFORMANCE

MIN SPEED

Fan Power Input	(1)	W	29,0	47,0	50,0	63,0	65,0
Air flow rate	(1)	m³/h	550	640	760	790	920
Total capacity in cooling mode	(1)	kW	3,02	4,06	4,50	4,71	5,40
Total Net Cooling Capacity	(1)(6)(7)	kW	2,99	4,01	4,45	4,65	5,34
Sensible capacity in cooling mode	(1)	kW	2,39	3,00	3,44	3,59	4,14
Net sensible cooling capacity	(1)(6)(7)	kW	2,37	2,96	3,39	3,53	4,08
Net latent power in cooling	(1)(6)(7)	kW	0,63	1,06	1,06	1,12	1,26
Max water flow	(1)	l/s	0,14	0,19	0,22	0,23	0,26
Pressure Drop in cooling mode	(1)	kPa	8	15	22	19	24
Total capacity (heating mode)	(2)	kW	2,36	3,05	3,39	3,53	4,04
Total Net Heating Capacity	(2)(6)	kW	2,38	3,10	3,44	3,59	4,11
Water flow in heating mode	(2)	l/s	0,06	0,07	0,08	0,09	0,10
Pressure drop in heating mode	(2)	kPa	14	8	9	8	10
Sound Pressure	(3)	dB(A)	39	41	44	41	45
Sound Power	(4)(7)	dB(A)	48	50	53	50	54

MED SPEED

Fan Power Input	(1)	W	47,0	83,0	86,0	113	117
Air flow rate	(1)	m³/h	670	780	910	1010	1180
Total capacity in cooling mode	(1)	kW	3,75	4,50	5,06	5,41	6,62
Total Net Cooling Capacity	(1)(6)(7)	kW	3,70	4,42	4,98	5,30	6,51
Sensible capacity in cooling mode	(1)	kW	2,94	3,49	3,99	4,16	5,16
Net sensible cooling capacity	(1)(6)(7)	kW	2,90	3,40	3,90	4,05	5,04
Net latent power in cooling	(1)(6)(7)	kW	0,81	1,02	1,07	1,25	1,46
Max water flow	(1)	l/s	0,18	0,22	0,24	0,26	0,32
Pressure Drop in cooling mode	(1)	kPa	12	18	27	26	37
Total capacity (heating mode)	(2)	kW	2,93	3,39	3,80	4,05	4,95
Total Net Heating Capacity	(2)(6)	kW	2,98	3,47	3,89	4,17	5,07
Water flow in heating mode	(2)	l/s	0,07	0,08	0,09	0,10	0,12
Pressure drop in heating mode	(2)	kPa	21	9	12	10	15
Sound Pressure	(3)	dB(A)	45	44	47	45	51
Sound Power	(4)(7)	dB(A)	54	53	56	54	60

MAX SPEED

Fan Power Input	(1)	W	56,0	101	104	133	137
Air flow rate	(1)	m³/h	815	890	980	1140	1310
Total capacity in cooling mode	(1)	kW	4,40	5,15	5,70	6,15	7,50
Total Net Cooling Capacity	(1)(6)(7)	kW	4,35	5,05	5,60	6,02	7,37
Sensible capacity in cooling mode	(1)	kW	3,52	3,99	4,38	4,66	5,81
Net sensible cooling capacity	(1)(6)(7)	kW	3,47	3,89	4,28	4,52	5,68
Net latent power in cooling	(1)(6)(7)	kW	0,88	1,16	1,32	1,50	1,69
Max water flow	(1)	l/s	0,21	0,25	0,27	0,29	0,36
Pressure Drop in cooling mode	(1)	kPa	17	24	35	33	47
Total capacity (heating mode)	(2)	kW	3,44	3,88	4,28	4,60	5,62
Total Net Heating Capacity	(2)(6)	kW	3,50	3,98	4,39	4,74	5,75
Water flow in heating mode	(2)	l/s	0,08	0,09	0,10	0,11	0,14
Pressure drop in heating mode	(2)	kPa	28	12	15	13	19
Sound Pressure	(3)	dB(A)	50	47	50	48	55
Sound Power	(4)(7)	dB(A)	59	56	59	57	64

SIZE AND WEIGHT

A	(5)	mm	850	1050	1050	1250	1250
B	(5)	mm	215	215	215	215	215
H	(5)	mm	450	450	450	450	450
Operating weight	(5)	kg	22	24	25	28	29

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

a-LIFE2 / DLIO-DFIO			0104	0204	0304	0404	0504
ELECTRICAL DATA							
Power supply		V/ph/Hz	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	46	65	61	65	70
FCEER Class			E	D	D	D	D
HEATING ONLY (EN14511 VALUE)							
FCCOP	(2)(6)	kW/kW	34	49	45	48	56
FCCOP Class			G	F	F	F	E
PERFORMANCE							
MIN SPEED							
Fan Power Input	(1)	W	20,0	20,0	29,0	32,0	34,0
Air flow rate	(1)	m³/h	180	270	350	380	500
Total capacity in cooling mode	(1)	kW	1,00	1,49	2,07	2,31	2,85
Total Net Cooling Capacity	(1)(6)(7)	kW	0,98	1,47	2,04	2,28	2,82
Sensible capacity in cooling mode	(1)	kW	0,78	1,18	1,59	1,75	2,22
Net sensible cooling capacity	(1)(6)(7)	kW	0,76	1,16	1,56	1,72	2,19
Net latent power in cooling	(1)(6)(7)	kW	0,22	0,31	0,48	0,56	0,63
Max water flow	(1)	l/s	0,05	0,07	0,10	0,11	0,14
Pressure Drop in cooling mode	(1)	kPa	4	7	16	16	7
Total capacity (heating mode)	(2)	kW	0,74	1,10	1,49	1,67	2,23
Total Net Heating Capacity	(2)(6)	kW	0,76	1,12	1,52	1,70	2,26
Water flow in heating mode	(2)	l/s	0,02	0,03	0,04	0,04	0,05
Pressure drop in heating mode	(2)	kPa	2	5	6	7	13
Sound Pressure	(3)	dB(A)	28	37	36	37	37
Sound Power	(4)(7)	dB(A)	37	46	45	46	46
MED SPEED							
Fan Power Input	(1)	W	29,0	32,0	47,0	50,0	56,0
Air flow rate	(1)	m³/h	210	290	410	500	560
Total capacity in cooling mode	(1)	kW	1,16	1,74	2,33	2,85	3,08
Total Net Cooling Capacity	(1)(6)(7)	kW	1,13	1,71	2,28	2,80	3,03
Sensible capacity in cooling mode	(1)	kW	0,90	1,31	1,77	2,22	2,43
Net sensible cooling capacity	(1)(6)(7)	kW	0,87	1,28	1,72	2,17	2,38
Net latent power in cooling	(1)(6)(7)	kW	0,26	0,43	0,56	0,63	0,65
Max water flow	(1)	l/s	0,06	0,08	0,11	0,14	0,15
Pressure Drop in cooling mode	(1)	kPa	5	10	21	24	8
Total capacity (heating mode)	(2)	kW	0,86	1,29	1,68	2,05	2,41
Total Net Heating Capacity	(2)(6)	kW	0,89	1,32	1,73	2,10	2,47
Water flow in heating mode	(2)	l/s	0,02	0,03	0,04	0,05	0,06
Pressure drop in heating mode	(2)	kPa	3	7	7	11	15
Sound Pressure	(3)	dB(A)	31	39	37	42	39
Sound Power	(4)(7)	dB(A)	40	48	46	51	48
MAX SPEED							
Fan Power Input	(1)	W	34,0	34,0	56,0	59,0	67,0
Air flow rate	(1)	m³/h	300	360	520	590	660
Total capacity in cooling mode	(1)	kW	1,50	2,00	2,85	3,40	3,80
Total Net Cooling Capacity	(1)(6)(7)	kW	1,47	1,97	2,80	3,34	3,73
Sensible capacity in cooling mode	(1)	kW	1,23	1,59	2,22	2,61	2,94
Net sensible cooling capacity	(1)(6)(7)	kW	1,20	1,55	2,17	2,55	2,88
Net latent power in cooling	(1)(6)(7)	kW	0,27	0,41	0,63	0,79	0,86
Max water flow	(1)	l/s	0,07	0,10	0,14	0,16	0,18
Pressure Drop in cooling mode	(1)	kPa	9	13	31	34	13
Total capacity (heating mode)	(2)	kW	1,11	1,48	2,05	2,45	2,97
Total Net Heating Capacity	(2)(6)	kW	1,15	1,52	2,11	2,51	3,04
Water flow in heating mode	(2)	l/s	0,03	0,04	0,05	0,06	0,07
Pressure drop in heating mode	(2)	kPa	5	9	11	15	22
Sound Pressure	(3)	dB(A)	39	45	42	47	45
Sound Power	(4)(7)	dB(A)	48	54	51	56	54
SIZE AND WEIGHT							
A	(5)	mm	545	545	745	745	945
B	(5)	mm	215	215	215	215	215
H	(5)	mm	450	450	450	450	450
Operating weight	(5)	kg	12	13	15	16	21

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]

a-LIFE2 / DLIO-DFIO			0604	0704	0804	0904	1004
ELECTRICAL DATA							
Power supply		V/ph/Hz	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	93	70	74	61	70
FCEER Class			C	D	D	D	D
HEATING ONLY (EN14511 VALUE)							
FCCOP	(2)(6)	kW/kW	73	54	57	47	53
FCCOP Class			D	E	E	F	E
PERFORMANCE							
MIN SPEED							
Fan Power Input	(1)	W	29,0	47,0	50,0	63,0	65,0
Air flow rate	(1)	m³/h	550	640	760	790	920
Total capacity in cooling mode	(1)	kW	3,02	4,06	4,50	4,71	5,40
Total Net Cooling Capacity	(1)(6)(7)	kW	2,99	4,01	4,45	4,65	5,34
Sensible capacity in cooling mode	(1)	kW	2,39	3,00	3,44	3,59	4,14
Net sensible cooling capacity	(1)(6)(7)	kW	2,37	2,96	3,39	3,53	4,08
Net latent power in cooling	(1)(6)(7)	kW	0,63	1,06	1,06	1,12	1,26
Max water flow	(1)	l/s	0,14	0,19	0,22	0,23	0,26
Pressure Drop in cooling mode	(1)	kPa	8	15	22	19	24
Total capacity (heating mode)	(2)	kW	2,36	3,05	3,39	3,53	4,04
Total Net Heating Capacity	(2)(6)	kW	2,38	3,10	3,44	3,59	4,11
Water flow in heating mode	(2)	l/s	0,06	0,07	0,08	0,09	0,10
Pressure drop in heating mode	(2)	kPa	14	8	9	8	10
Sound Pressure	(3)	dB(A)	39	41	44	41	45
Sound Power	(4)(7)	dB(A)	48	50	53	50	54
MED SPEED							
Fan Power Input	(1)	W	47,0	83,0	86,0	113	117
Air flow rate	(1)	m³/h	670	780	910	1010	1180
Total capacity in cooling mode	(1)	kW	3,75	4,50	5,06	5,41	6,62
Total Net Cooling Capacity	(1)(6)(7)	kW	3,70	4,42	4,98	5,30	6,51
Sensible capacity in cooling mode	(1)	kW	2,94	3,49	3,99	4,16	5,16
Net sensible cooling capacity	(1)(6)(7)	kW	2,90	3,40	3,90	4,05	5,04
Net latent power in cooling	(1)(6)(7)	kW	0,81	1,02	1,07	1,25	1,46
Max water flow	(1)	l/s	0,18	0,22	0,24	0,26	0,32
Pressure Drop in cooling mode	(1)	kPa	12	18	27	26	37
Total capacity (heating mode)	(2)	kW	2,93	3,39	3,80	4,05	4,95
Total Net Heating Capacity	(2)(6)	kW	2,98	3,47	3,89	4,17	5,07
Water flow in heating mode	(2)	l/s	0,07	0,08	0,09	0,10	0,12
Pressure drop in heating mode	(2)	kPa	21	9	12	10	15
Sound Pressure	(3)	dB(A)	45	44	47	45	51
Sound Power	(4)(7)	dB(A)	54	53	56	54	60
MAX SPEED							
Fan Power Input	(1)	W	56,0	101	104	133	137
Air flow rate	(1)	m³/h	815	890	980	1140	1310
Total capacity in cooling mode	(1)	kW	4,40	5,15	5,70	6,15	7,50
Total Net Cooling Capacity	(1)(6)(7)	kW	4,35	5,05	5,60	6,02	7,37
Sensible capacity in cooling mode	(1)	kW	3,52	3,99	4,38	4,66	5,81
Net sensible cooling capacity	(1)(6)(7)	kW	3,47	3,89	4,28	4,52	5,68
Net latent power in cooling	(1)(6)(7)	kW	0,88	1,16	1,32	1,50	1,69
Max water flow	(1)	l/s	0,21	0,25	0,27	0,29	0,36
Pressure Drop in cooling mode	(1)	kPa	17	24	35	33	47
Total capacity (heating mode)	(2)	kW	3,44	3,88	4,28	4,60	5,62
Total Net Heating Capacity	(2)(6)	kW	3,50	3,98	4,39	4,74	5,75
Water flow in heating mode	(2)	l/s	0,08	0,09	0,10	0,11	0,14
Pressure drop in heating mode	(2)	kPa	28	12	15	13	19
Sound Pressure	(3)	dB(A)	50	47	50	48	55
Sound Power	(4)(7)	dB(A)	59	56	59	57	64
SIZE AND WEIGHT							
A	(5)	mm	945	1145	1145	1345	1345
B	(5)	mm	215	215	215	215	215
H	(5)	mm	450	450	450	450	450
Operating weight	(5)	kg	22	25	26	29	30

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

a-LIFE2 / DLMV-DFMV / DLMO-DFMO

0104

0204

0304

0404

0504

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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4 PIPES SYSTEM CONFIGURATION

ENERGY EFFICIENCY

COOLING (EN14511 VALUE)

FCEER	(1)(6)	kW/kW	46	65	61	65	70
FCEER Class			E	D	D	D	D

HEATING ONLY (EN14511 VALUE)

FCCOP	(2)(6)	kW/kW	34	49	45	48	56
FCCOP Class			G	F	F	F	E

PERFORMANCE

MIN SPEED

Fan Power Input	(1)	W	20,0	20,0	29,0	32,0	34,0
Air flow rate	(1)	m³/h	180	270	350	380	500
Total capacity in cooling mode	(1)	kW	1,00	1,49	2,07	2,31	2,85
Total Net Cooling Capacity	(1)(6)(7)	kW	0,98	1,47	2,04	2,28	2,82
Sensible capacity in cooling mode	(1)	kW	0,78	1,18	1,59	1,75	2,22
Net sensible cooling capacity	(1)(6)(7)	kW	0,76	1,16	1,56	1,72	2,19
Net latent power in cooling	(1)(6)(7)	kW	0,22	0,31	0,48	0,56	0,63
Max water flow	(1)	l/s	0,05	0,07	0,10	0,11	0,14
Pressure Drop in cooling mode	(1)	kPa	4	7	16	16	7
Total capacity (heating mode)	(2)	kW	0,74	1,10	1,49	1,67	2,23
Total Net Heating Capacity	(2)(6)	kW	0,76	1,12	1,52	1,70	2,26
Water flow in heating mode	(2)	l/s	0,02	0,03	0,04	0,04	0,05
Pressure drop in heating mode	(2)	kPa	2	5	6	7	13
Sound Pressure	(3)	dB(A)	28	37	36	37	37
Sound Power	(4)(7)	dB(A)	37	46	45	46	46

MED SPEED

Fan Power Input	(1)	W	29,0	32,0	47,0	50,0	56,0
Air flow rate	(1)	m³/h	210	290	410	500	560
Total capacity in cooling mode	(1)	kW	1,16	1,74	2,33	2,85	3,08
Total Net Cooling Capacity	(1)(6)(7)	kW	1,13	1,71	2,28	2,80	3,03
Sensible capacity in cooling mode	(1)	kW	0,90	1,31	1,77	2,22	2,43
Net sensible cooling capacity	(1)(6)(7)	kW	0,87	1,28	1,72	2,17	2,38
Net latent power in cooling	(1)(6)(7)	kW	0,26	0,43	0,56	0,63	0,65
Max water flow	(1)	l/s	0,06	0,08	0,11	0,14	0,15
Pressure Drop in cooling mode	(1)	kPa	5	10	21	24	8
Total capacity (heating mode)	(2)	kW	0,86	1,29	1,68	2,05	2,41
Total Net Heating Capacity	(2)(6)	kW	0,89	1,32	1,73	2,10	2,47
Water flow in heating mode	(2)	l/s	0,02	0,03	0,04	0,05	0,06
Pressure drop in heating mode	(2)	kPa	3	7	7	11	15
Sound Pressure	(3)	dB(A)	31	39	37	42	39
Sound Power	(4)(7)	dB(A)	40	48	46	51	48

MAX SPEED

Fan Power Input	(1)	W	34,0	34,0	56,0	59,0	67,0
Air flow rate	(1)	m³/h	300	360	520	590	660
Total capacity in cooling mode	(1)	kW	1,50	2,00	2,85	3,40	3,80
Total Net Cooling Capacity	(1)(6)(7)	kW	1,47	1,97	2,80	3,34	3,73
Sensible capacity in cooling mode	(1)	kW	1,23	1,59	2,22	2,61	2,94
Net sensible cooling capacity	(1)(6)(7)	kW	1,20	1,55	2,17	2,55	2,88
Net latent power in cooling	(1)(6)(7)	kW	0,27	0,41	0,63	0,79	0,86
Max water flow	(1)	l/s	0,07	0,10	0,14	0,16	0,18
Pressure Drop in cooling mode	(1)	kPa	9	13	31	34	13
Total capacity (heating mode)	(2)	kW	1,11	1,48	2,05	2,45	2,97
Total Net Heating Capacity	(2)(6)	kW	1,15	1,52	2,11	2,51	3,04
Water flow in heating mode	(2)	l/s	0,03	0,04	0,05	0,06	0,07
Pressure drop in heating mode	(2)	kPa	5	9	11	15	22
Sound Pressure	(3)	dB(A)	39	45	42	47	45
Sound Power	(4)(7)	dB(A)	48	54	51	56	54

SIZE AND WEIGHT

A	(5)	mm	922	922	1112	1112	1302
B	(5)	mm	233	233	233	233	233
H	(5)	mm	499	499	499	499	499
Operating weight	(5)	kg	17	18	21	22	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) 65°C/55°C; Supplementary coil 1-row.
- 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]

a-LIFE2 / DLMV-DFMV / DLMO-DFMO			0604	0704	0804	0904	1004
ELECTRICAL DATA							
Power supply		V/ph/Hz	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	93	70	74	61	70
FCEER Class			C	D	D	D	D
HEATING ONLY (EN14511 VALUE)							
FCCOP	(2)(6)	kW/kW	73	54	57	47	53
FCCOP Class			D	E	E	F	E
PERFORMANCE							
MIN SPEED							
Fan Power Input	(1)	W	29,0	47,0	50,0	63,0	65,0
Air flow rate	(1)	m³/h	550	640	760	790	920
Total capacity in cooling mode	(1)	kW	3,02	4,06	4,50	4,71	5,40
Total Net Cooling Capacity	(1)(6)(7)	kW	2,99	4,01	4,45	4,65	5,34
Sensible capacity in cooling mode	(1)	kW	2,39	3,00	3,44	3,59	4,14
Net sensible cooling capacity	(1)(6)(7)	kW	2,37	2,96	3,39	3,53	4,08
Net latent power in cooling	(1)(6)(7)	kW	0,63	1,06	1,06	1,12	1,26
Max water flow	(1)	l/s	0,14	0,19	0,22	0,23	0,26
Pressure Drop in cooling mode	(1)	kPa	8	15	22	19	24
Total capacity (heating mode)	(2)	kW	2,36	3,05	3,39	3,53	4,04
Total Net Heating Capacity	(2)(6)	kW	2,38	3,10	3,44	3,59	4,11
Water flow in heating mode	(2)	l/s	0,06	0,07	0,08	0,09	0,10
Pressure drop in heating mode	(2)	kPa	14	8	9	8	10
Sound Pressure	(3)	dB(A)	39	41	44	41	45
Sound Power	(4)(7)	dB(A)	48	50	53	50	54
MED SPEED							
Fan Power Input	(1)	W	47,0	83,0	86,0	113	117
Air flow rate	(1)	m³/h	670	780	910	1010	1180
Total capacity in cooling mode	(1)	kW	3,75	4,50	5,06	5,41	6,62
Total Net Cooling Capacity	(1)(6)(7)	kW	3,70	4,42	4,98	5,30	6,51
Sensible capacity in cooling mode	(1)	kW	2,94	3,49	3,99	4,16	5,16
Net sensible cooling capacity	(1)(6)(7)	kW	2,90	3,40	3,90	4,05	5,04
Net latent power in cooling	(1)(6)(7)	kW	0,81	1,02	1,07	1,25	1,46
Max water flow	(1)	l/s	0,18	0,22	0,24	0,26	0,32
Pressure Drop in cooling mode	(1)	kPa	12	18	27	26	37
Total capacity (heating mode)	(2)	kW	2,93	3,39	3,80	4,05	4,95
Total Net Heating Capacity	(2)(6)	kW	2,98	3,47	3,89	4,17	5,07
Water flow in heating mode	(2)	l/s	0,07	0,08	0,09	0,10	0,12
Pressure drop in heating mode	(2)	kPa	21	9	12	10	15
Sound Pressure	(3)	dB(A)	45	44	47	45	51
Sound Power	(4)(7)	dB(A)	54	53	56	54	60
MAX SPEED							
Fan Power Input	(1)	W	56,0	101	104	133	137
Air flow rate	(1)	m³/h	815	890	980	1140	1310
Total capacity in cooling mode	(1)	kW	4,40	5,15	5,70	6,15	7,50
Total Net Cooling Capacity	(1)(6)(7)	kW	4,35	5,05	5,60	6,02	7,37
Sensible capacity in cooling mode	(1)	kW	3,52	3,99	4,38	4,66	5,81
Net sensible cooling capacity	(1)(6)(7)	kW	3,47	3,89	4,28	4,52	5,68
Net latent power in cooling	(1)(6)(7)	kW	0,88	1,16	1,32	1,50	1,69
Max water flow	(1)	l/s	0,21	0,25	0,27	0,29	0,36
Pressure Drop in cooling mode	(1)	kPa	17	24	35	33	47
Total capacity (heating mode)	(2)	kW	3,44	3,88	4,28	4,60	5,62
Total Net Heating Capacity	(2)(6)	kW	3,50	3,98	4,39	4,74	5,75
Water flow in heating mode	(2)	l/s	0,08	0,09	0,10	0,11	0,14
Pressure drop in heating mode	(2)	kPa	28	12	15	13	19
Sound Pressure	(3)	dB(A)	50	47	50	48	55
Sound Power	(4)(7)	dB(A)	59	56	59	57	64
SIZE AND WEIGHT							
A	(5)	mm	1302	1492	1492	1682	1682
B	(5)	mm	233	233	233	233	233
H	(5)	mm	499	499	499	499	499
Operating weight	(5)	kg	30	33	35	38	40

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) 65°C/55°C; Supplementary coil 1-row.
- 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

