

# a-LIFE2 HP

0302 - 1204 2,88-8,60 kW

High Head Built-in Version Fan-Coil for Professional Application



**a-LIFE2 HP are professional high-head fan coils by Climaveneta. The enhanced motor and the built-in version make these units ideal for ducted systems in tertiary and commercial sectors.**

## Control

PSW wall mounted controller

3 fan speeds and 3 operating modes manual switch, ON/OFF valve unit control. Remote water temperature probe.

MTW wall mounted thermostat

3 fan speeds and 3 operating modes manual switch, ON/OFF valve unit control. Room air temperature probe and remote water temperature probe.

ATW wall mounted thermostat

Operating modes selection and fan speed control (Max/Med/Min/AUTO). Room air temperature probe and remote water temperature probe. ON/OFF valve unit control. Electric heater control (ATW only). Configurable digital input. TTL serial port (Modbus RTU) for installation in BMS systems (BusAdapter required).

EKW wall mounted thermostat (with HB/ i-HB power board)

Operating modes selection and fan speed control. Room air temperature probe and remote water temperature probe. ON/OFF or modulating valve unit control. Electric heater control. Installation in BMS (e.g. Idrorelax). Installation management of Master-Slave system up to 8 fan-coil units.

iKW wall mounted programmable thermostat with LCD screen (with HB/i-HB power board)

Programmable room thermostat with operating modes selection and fan speed control. Room air temperature probe and remote water temperature probe. ON/OFF or modulating valve unit control. Electric heater control. Installation in BMS (e.g. Idrorelax). Installation management of Master-Slave system up to 8 fan-coil units.

IR Remote control (with HB/i-HB power board)

Set-point regulation, operating mode (OFF/COOLING/HEATING/AUTO /VENTILATION) and fan speed control (Max, Med, Min, AUTO).

## Versions

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

## Features

High pressure centrifugal fan unit for ducted system.

Multi speed directly coupled electric motor;

Configurations for 2 and 4 pipe Systems.

Structure in hot galvanised steel for maximum resistance to rust;

Left-hand water connections, easy convertible into right-hand, by simply turning the coil.

Air filter on all models.

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

Plastic drain pan for all versions.

## Accessories

- Hot water coil kit
- Main coil 2-way/3-way valve unit
- 2 & 3 Way Valves for main and additional coil with ON/OFF, PWM, 0-10V or 3P Motor.
- Kit control board to manage 0-10V or 3 points modulating valve unit
- Kit RS485 - interface for Building Management System
- Kit Bus Adapter for BMS
- Kit Gateway interface for MyHome Bticino System, in combination with i(HB) Powerboard and Controls EK/EKW e IK.
- Interface SPB Kit
- Heating element kit
- Condensate drain pump
- Horizontal and vertical fan coil auxiliary tray
- Hose kit
- Straight and angular (90°) plenum kits for air inlet
- Plenum kit with round, straight or 90° air ducts.

a-LIFE2 HP DFIV/DLIV			0302	0402	0502	0602	0702
<b>ELECTRICAL DATA</b>							
Power supply		V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
<b>2 PIPES SYSTEM CONFIGURATION</b>							
<b>ENERGY EFFICIENCY</b>							
<b>COOLING (EN14511 VALUE)</b>							
FCEER	(1)(6)	kW/kW	37	40	58	59	43
FCEER Class			E	E	D	D	E
<b>HEATING ONLY (EN14511 VALUE)</b>							
FCCOP	(2)(6)	kW/kW	41	45	65	79	49
FCCOP Class			E	E	E	D	E
<b>PERFORMANCE</b>							
<b>MIN SPEED</b>							
Fan Power Input	(1)	W	52,0	52,0	38,0	45,0	67,0
Air flow rate	(1)	m <sup>3</sup> /h	392	435	464	516	584
<b>Total capacity in cooling mode</b>	(1)	kW	2,08	2,21	2,28	2,92	3,22
<b>Total Net Cooling Capacity</b>	(1)(6)(7)	kW	2,03	2,16	2,24	2,88	3,15
Sensible capacity in cooling mode	(1)	kW	1,69	1,82	1,71	2,16	2,49
Net sensible cooling capacity	(1)(6)(7)	kW	1,64	1,77	1,67	2,11	2,42
Net latent power in cooling	(1)(6)(7)	kW	0,39	0,39	0,57	0,76	0,73
Max water flow	(1)	l/s	0,10	0,11	0,11	0,14	0,15
Pressure Drop in cooling mode	(1)	kPa	19,6	16,8	4,5	8,8	11,9
<b>Total capacity (heating mode)</b>	(2)	kW	2,33	2,48	2,55	3,27	3,61
<b>Total Net Heating Capacity</b>	(2)(6)	kW	2,38	2,53	2,59	3,32	3,68
Water flow in heating mode	(2)	l/s	0,11	0,12	0,12	0,16	0,17
Pressure drop in heating mode	(2)	kPa	18,2	19,2	5,1	9,8	10,7
Sound Pressure	(3)	dB(A)	42	45	34	41	38
Sound Power	(4)(7)	dB(A)	51	54	43	50	47
<b>MED SPEED</b>							
Fan Power Input	(1)	W	71,0	71,0	53,0	63,0	96,0
Air flow rate	(1)	m <sup>3</sup> /h	500	555	525	583	767
<b>Total capacity in cooling mode</b>	(1)	kW	2,31	2,70	3,04	3,23	3,57
<b>Total Net Cooling Capacity</b>	(1)(6)(7)	kW	2,24	2,63	2,99	3,17	3,48
Sensible capacity in cooling mode	(1)	kW	1,90	2,24	2,31	2,42	2,84
Net sensible cooling capacity	(1)(6)(7)	kW	1,83	2,17	2,25	2,36	2,74
Net latent power in cooling	(1)(6)(7)	kW	0,41	0,46	0,73	0,81	0,73
Max water flow	(1)	l/s	0,11	0,13	0,15	0,15	0,17
Pressure Drop in cooling mode	(1)	kPa	24,2	25,1	8,0	10,8	14,7
<b>Total capacity (heating mode)</b>	(2)	kW	2,59	3,03	3,40	3,62	4,00
<b>Total Net Heating Capacity</b>	(2)(6)	kW	2,66	3,10	3,46	3,68	4,10
Water flow in heating mode	(2)	l/s	0,13	0,15	0,16	0,17	0,19
Pressure drop in heating mode	(2)	kPa	22,2	28,0	8,8	11,8	13,1
Sound Pressure	(3)	dB(A)	45	52	41	44	41
Sound Power	(4)(7)	dB(A)	54	61	50	53	50
<b>MAX SPEED</b>							
Fan Power Input	(1)	W	95,0	95,0	75,0	89,0	132
Air flow rate	(1)	m <sup>3</sup> /h	561	623	705	783	1004
<b>Total capacity in cooling mode</b>	(1)	kW	2,88	3,28	3,74	4,14	4,62
<b>Total Net Cooling Capacity</b>	(1)(6)(7)	kW	2,79	3,19	3,67	4,05	4,49
Sensible capacity in cooling mode	(1)	kW	2,39	2,77	2,93	3,21	3,91
Net sensible cooling capacity	(1)(6)(7)	kW	2,30	2,67	2,85	3,12	3,78
Net latent power in cooling	(1)(6)(7)	kW	0,49	0,51	0,81	0,93	0,71
Max water flow	(1)	l/s	0,14	0,16	0,18	0,20	0,22
Pressure Drop in cooling mode	(1)	kPa	37,9	37,0	12,2	17,6	24,7
<b>Total capacity (heating mode)</b>	(2)	kW	3,23	3,67	4,19	4,64	5,18
<b>Total Net Heating Capacity</b>	(2)(6)	kW	3,33	3,77	4,27	4,73	5,31
Water flow in heating mode	(2)	l/s	0,16	0,18	0,20	0,22	0,25
Pressure drop in heating mode	(2)	kPa	33,9	40,5	13,1	18,7	21,3
Sound Pressure	(3)	dB(A)	52	56	47	51	52
Sound Power	(4)(7)	dB(A)	61	65	56	60	61
<b>SIZE AND WEIGHT</b>							
A	(5)	mm	650	650	850	850	1050
B	(5)	mm	215	215	215	215	215
H	(5)	mm	450	450	450	450	450
Operating weight	(5)	kg	14	15	20	21	24

#### Notes

- Room temperature 27 °C d.b./19 °C w.b.; Chilled water (in/out) 7/12 °C.
- Room temperature 20 °C d.b.; Hot water (in/out) 45/40 °C
- 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.
- Sound power on the basis of measurements made in compliance with ISO 3741 and Eurovent 8/2.
- Unit in standard configuration/execution, without optional accessories.
- Values in compliance with EN14511
- Values in compliance with [REGULATION (EU) N. 2016/2281]

Certified data in EUROVENT

a-LIFE2 HP DFIV/DLIV			0802	0902	1002	1102	1202
<b>ELECTRICAL DATA</b>							
Power supply		V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
<b>2 PIPES SYSTEM CONFIGURATION</b>							
<b>ENERGY EFFICIENCY</b>							
<b>COOLING (EN14511 VALUE)</b>							
FCEER	(1)(6)	kW/kW	49	43	48	41	44
FCEER Class			E	E	E	E	E
<b>HEATING ONLY (EN14511 VALUE)</b>							
FCCOP	(2)(6)	kW/kW	55	48	53	46	50
FCCOP Class			E	E	E	E	E
<b>PERFORMANCE</b>							
<b>MIN SPEED</b>							
Fan Power Input	(1)	W	67,0	112	112	168	168
Air flow rate	(1)	m <sup>3</sup> /h	649	923	1026	1381	1534
<b>Total capacity in cooling mode</b>	(1)	kW	3,50	4,83	5,40	6,90	7,40
<b>Total Net Cooling Capacity</b>	(1)(6)(7)	kW	3,43	4,72	5,29	6,74	7,24
Sensible capacity in cooling mode	(1)	kW	2,78	3,88	4,42	5,83	6,25
Net sensible cooling capacity	(1)(6)(7)	kW	2,71	3,77	4,31	5,66	6,08
Net latent power in cooling	(1)(6)(7)	kW	0,72	0,95	0,98	1,07	1,15
Max water flow	(1)	l/s	0,17	0,23	0,26	0,33	0,35
Pressure Drop in cooling mode	(1)	kPa	13,0	20,4	28,0	25,6	29,3
<b>Total capacity (heating mode)</b>	(2)	kW	3,93	5,42	6,05	7,73	8,30
<b>Total Net Heating Capacity</b>	(2)(6)	kW	3,99	5,53	6,16	7,90	8,46
Water flow in heating mode	(2)	l/s	0,19	0,26	0,29	0,37	0,40
Pressure drop in heating mode	(2)	kPa	11,8	23,4	28,1	13,3	37,6
Sound Pressure	(3)	dB(A)	41	47	51	54	54
Sound Power	(4)(7)	dB(A)	50	56	60	63	63
<b>MED SPEED</b>							
Fan Power Input	(1)	W	96,0	135	135	179	179
Air flow rate	(1)	m <sup>3</sup> /h	852	1078	1198	1547	1719
<b>Total capacity in cooling mode</b>	(1)	kW	4,49	5,70	6,25	7,50	8,10
<b>Total Net Cooling Capacity</b>	(1)(6)(7)	kW	4,40	5,57	6,12	7,32	7,92
Sensible capacity in cooling mode	(1)	kW	3,74	4,67	5,15	6,46	7,03
Net sensible cooling capacity	(1)(6)(7)	kW	3,64	4,53	5,01	6,28	6,85
Net latent power in cooling	(1)(6)(7)	kW	0,75	1,03	1,10	1,04	1,07
Max water flow	(1)	l/s	0,21	0,27	0,30	0,36	0,39
Pressure Drop in cooling mode	(1)	kPa	21,5	28,3	37,4	30,3	35,1
<b>Total capacity (heating mode)</b>	(2)	kW	5,03	6,39	7,00	8,40	9,08
<b>Total Net Heating Capacity</b>	(2)(6)	kW	5,13	6,53	7,14	8,58	9,26
Water flow in heating mode	(2)	l/s	0,24	0,31	0,34	0,41	0,44
Pressure drop in heating mode	(2)	kPa	18,8	31,7	36,8	15,8	45,1
Sound Pressure	(3)	dB(A)	49	51	54	55	57
Sound Power	(4)(7)	dB(A)	58	60	63	64	66
<b>MAX SPEED</b>							
Fan Power Input	(1)	W	132	149	149	194	194
Air flow rate	(1)	m <sup>3</sup> /h	1116	1390	1544	1740	1933
<b>Total capacity in cooling mode</b>	(1)	kW	5,20	6,20	7,20	8,05	8,60
<b>Total Net Cooling Capacity</b>	(1)(6)(7)	kW	5,07	6,05	7,05	7,86	8,41
Sensible capacity in cooling mode	(1)	kW	4,44	5,14	5,91	6,99	7,32
Net sensible cooling capacity	(1)(6)(7)	kW	4,31	4,99	5,76	6,80	7,13
Net latent power in cooling	(1)(6)(7)	kW	0,76	1,06	1,29	1,06	1,28
Max water flow	(1)	l/s	0,25	0,30	0,34	0,38	0,41
Pressure Drop in cooling mode	(1)	kPa	28,8	33,5	49,6	35,0	39,7
<b>Total capacity (heating mode)</b>	(2)	kW	5,83	6,95	8,07	9,02	9,64
<b>Total Net Heating Capacity</b>	(2)(6)	kW	5,97	7,10	8,22	9,21	9,83
Water flow in heating mode	(2)	l/s	0,28	0,34	0,39	0,44	0,47
Pressure drop in heating mode	(2)	kPa	24,8	37,0	47,8	18,2	50,9
Sound Pressure	(3)	dB(A)	55	54	59	57	59
Sound Power	(4)(7)	dB(A)	64	63	68	66	68
<b>SIZE AND WEIGHT</b>							
A	(5)	mm	1050	1250	1250	1450	1450
B	(5)	mm	215	215	215	215	215
H	(5)	mm	450	450	450	450	450
Operating weight	(5)	kg	25	28	29	31	34

**Notes**

- Room temperature 27 °C d.b./19 °C w.b.; Chilled water (in/out) 7/12 °C.
- Room temperature 20 °C d.b.; Hot water (in/out) 45/40 °C
- 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.
- Sound power on the basis of measurements made in compliance with ISO 3741 and Eurovent 8/2.
- Unit in standard configuration/execution, without optional accessories.
- Values in compliance with EN14511
- Values in compliance with [REGULATION (EU) N. 2016/2281]

Certified data in EUROVENT

a-LIFE2 HP DFIO/DLIO			0302	0402	0502	0602	0702
<b>ELECTRICAL DATA</b>							
Power supply		V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
<b>2 PIPES SYSTEM CONFIGURATION</b>							
<b>ENERGY EFFICIENCY</b>							
<b>COOLING (EN14511 VALUE)</b>							
FCEER	(1)(6)	kW/kW	37	40	58	59	43
FCEER Class			E	E	D	D	E
<b>HEATING ONLY (EN14511 VALUE)</b>							
FCCOP	(2)(6)	kW/kW	41	45	65	79	49
FCCOP Class			E	E	E	D	E
<b>PERFORMANCE</b>							
<b>MIN SPEED</b>							
Fan Power Input	(1)	W	52,0	52,0	38,0	45,0	67,0
Air flow rate	(1)	m <sup>3</sup> /h	392	435	464	516	584
<b>Total capacity in cooling mode</b>	(1)	kW	2,08	2,21	2,28	2,92	3,22
<b>Total Net Cooling Capacity</b>	(1)(6)(7)	kW	2,03	2,16	2,24	2,88	3,15
Sensible capacity in cooling mode	(1)	kW	1,69	1,82	1,71	2,16	2,49
Net sensible cooling capacity	(1)(6)(7)	kW	1,64	1,77	1,67	2,11	2,42
Net latent power in cooling	(1)(6)(7)	kW	0,39	0,39	0,57	0,76	0,73
Max water flow	(1)	l/s	0,10	0,11	0,11	0,14	0,15
Pressure Drop in cooling mode	(1)	kPa	19,6	16,8	4,5	8,8	11,9
<b>Total capacity (heating mode)</b>	(2)	kW	2,33	2,48	2,55	3,27	3,61
<b>Total Net Heating Capacity</b>	(2)(6)	kW	2,38	2,53	2,59	3,32	3,68
Water flow in heating mode	(2)	l/s	0,11	0,12	0,12	0,16	0,17
Pressure drop in heating mode	(2)	kPa	18,2	19,2	5,1	9,8	10,7
Sound Pressure	(3)	dB(A)	42	45	34	41	38
Sound Power	(4)(7)	dB(A)	51	54	43	50	47
<b>MED SPEED</b>							
Fan Power Input	(1)	W	71,0	71,0	53,0	63,0	96,0
Air flow rate	(1)	m <sup>3</sup> /h	500	555	525	583	767
<b>Total capacity in cooling mode</b>	(1)	kW	2,31	2,70	3,04	3,23	3,57
<b>Total Net Cooling Capacity</b>	(1)(6)(7)	kW	2,24	2,63	2,99	3,17	3,48
Sensible capacity in cooling mode	(1)	kW	1,90	2,24	2,31	2,42	2,84
Net sensible cooling capacity	(1)(6)(7)	kW	1,83	2,17	2,25	2,36	2,74
Net latent power in cooling	(1)(6)(7)	kW	0,41	0,46	0,73	0,81	0,73
Max water flow	(1)	l/s	0,11	0,13	0,15	0,15	0,17
Pressure Drop in cooling mode	(1)	kPa	24,2	25,1	8,0	10,8	14,7
<b>Total capacity (heating mode)</b>	(2)	kW	2,59	3,03	3,40	3,62	4,00
<b>Total Net Heating Capacity</b>	(2)(6)	kW	2,66	3,10	3,46	3,68	4,10
Water flow in heating mode	(2)	l/s	0,13	0,15	0,16	0,17	0,19
Pressure drop in heating mode	(2)	kPa	22,2	28,0	8,8	11,8	13,1
Sound Pressure	(3)	dB(A)	45	52	41	44	41
Sound Power	(4)(7)	dB(A)	54	61	50	53	50
<b>MAX SPEED</b>							
Fan Power Input	(1)	W	95,0	95,0	75,0	89,0	132
Air flow rate	(1)	m <sup>3</sup> /h	561	623	705	783	1004
<b>Total capacity in cooling mode</b>	(1)	kW	2,88	3,28	3,74	4,14	4,62
<b>Total Net Cooling Capacity</b>	(1)(6)(7)	kW	2,79	3,19	3,67	4,05	4,49
Sensible capacity in cooling mode	(1)	kW	2,39	2,77	2,93	3,21	3,91
Net sensible cooling capacity	(1)(6)(7)	kW	2,30	2,67	2,85	3,12	3,78
Net latent power in cooling	(1)(6)(7)	kW	0,49	0,51	0,81	0,93	0,71
Max water flow	(1)	l/s	0,14	0,16	0,18	0,20	0,22
Pressure Drop in cooling mode	(1)	kPa	37,9	37,0	12,2	17,6	24,7
<b>Total capacity (heating mode)</b>	(2)	kW	3,23	3,67	4,19	4,64	5,18
<b>Total Net Heating Capacity</b>	(2)(6)	kW	3,33	3,77	4,27	4,73	5,31
Water flow in heating mode	(2)	l/s	0,16	0,18	0,20	0,22	0,25
Pressure drop in heating mode	(2)	kPa	33,9	40,5	13,1	18,7	21,3
Sound Pressure	(3)	dB(A)	52	56	47	51	52
Sound Power	(4)(7)	dB(A)	61	65	56	60	61
<b>SIZE AND WEIGHT</b>							
A	(5)	mm	745	745	945	945	1145
B	(5)	mm	215	215	215	215	215
H	(5)	mm	450	450	450	450	450
Operating weight	(5)	kg	14	15	20	21	24

#### Notes

- Room temperature 27 °C d.b./19 °C w.b.; Chilled water (in/out) 7/12 °C.
- Room temperature 20 °C d.b.; Hot water (in/out) 45/40 °C
- 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.
- Sound power on the basis of measurements made in compliance with ISO 3741 and Eurovent 8/2.
- Unit in standard configuration/execution, without optional accessories.
- Values in compliance with EN14511
- Values in compliance with [REGULATION (EU) N. 2016/2281]

Certified data in EUROVENT

a-LIFE2 HP DFIO/DLIO			0802	0902	1002	1102	1202
<b>ELECTRICAL DATA</b>							
Power supply		V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
<b>2 PIPES SYSTEM CONFIGURATION</b>							
<b>ENERGY EFFICIENCY</b>							
<b>COOLING (EN14511 VALUE)</b>							
FCEER	(1)(6)	kW/kW	49	43	48	41	44
FCEER Class			E	E	E	E	E
<b>HEATING ONLY (EN14511 VALUE)</b>							
FCCOP	(2)(6)	kW/kW	55	48	53	46	50
FCCOP Class			E	E	E	E	E
<b>PERFORMANCE</b>							
<b>MIN SPEED</b>							
Fan Power Input	(1)	W	67,0	112	112	168	168
Air flow rate	(1)	m <sup>3</sup> /h	649	923	1026	1381	1534
<b>Total capacity in cooling mode</b>	(1)	kW	3,50	4,83	5,40	6,90	7,40
<b>Total Net Cooling Capacity</b>	(1)(6)(7)	kW	3,43	4,72	5,29	6,74	7,24
Sensible capacity in cooling mode	(1)	kW	2,78	3,88	4,42	5,83	6,25
Net sensible cooling capacity	(1)(6)(7)	kW	2,71	3,77	4,31	5,66	6,08
Net latent power in cooling	(1)(6)(7)	kW	0,72	0,95	0,98	1,07	1,15
Max water flow	(1)	l/s	0,17	0,23	0,26	0,33	0,35
Pressure Drop in cooling mode	(1)	kPa	13,0	20,4	28,0	25,6	29,3
<b>Total capacity (heating mode)</b>	(2)	kW	3,93	5,42	6,05	7,73	8,30
<b>Total Net Heating Capacity</b>	(2)(6)	kW	3,99	5,53	6,16	7,90	8,46
Water flow in heating mode	(2)	l/s	0,19	0,26	0,29	0,37	0,40
Pressure drop in heating mode	(2)	kPa	11,8	23,4	28,1	13,3	37,6
Sound Pressure	(3)	dB(A)	41	47	51	54	54
Sound Power	(4)(7)	dB(A)	50	56	60	63	63
<b>MED SPEED</b>							
Fan Power Input	(1)	W	96,0	135	135	179	179
Air flow rate	(1)	m <sup>3</sup> /h	852	1078	1198	1547	1719
<b>Total capacity in cooling mode</b>	(1)	kW	4,49	5,70	6,25	7,50	8,10
<b>Total Net Cooling Capacity</b>	(1)(6)(7)	kW	4,40	5,57	6,12	7,32	7,92
Sensible capacity in cooling mode	(1)	kW	3,74	4,67	5,15	6,46	7,03
Net sensible cooling capacity	(1)(6)(7)	kW	3,64	4,53	5,01	6,28	6,85
Net latent power in cooling	(1)(6)(7)	kW	0,75	1,03	1,10	1,04	1,07
Max water flow	(1)	l/s	0,21	0,27	0,30	0,36	0,39
Pressure Drop in cooling mode	(1)	kPa	21,5	28,3	37,4	30,3	35,1
<b>Total capacity (heating mode)</b>	(2)	kW	5,03	6,39	7,00	8,40	9,08
<b>Total Net Heating Capacity</b>	(2)(6)	kW	5,13	6,53	7,14	8,58	9,26
Water flow in heating mode	(2)	l/s	0,24	0,31	0,34	0,41	0,44
Pressure drop in heating mode	(2)	kPa	18,8	31,7	36,8	15,8	45,1
Sound Pressure	(3)	dB(A)	49	51	54	55	57
Sound Power	(4)(7)	dB(A)	58	60	63	64	66
<b>MAX SPEED</b>							
Fan Power Input	(1)	W	132	149	149	194	194
Air flow rate	(1)	m <sup>3</sup> /h	1116	1390	1544	1740	1933
<b>Total capacity in cooling mode</b>	(1)	kW	5,20	6,20	7,20	8,05	8,60
<b>Total Net Cooling Capacity</b>	(1)(6)(7)	kW	5,07	6,05	7,05	7,86	8,41
Sensible capacity in cooling mode	(1)	kW	4,44	5,14	5,91	6,99	7,32
Net sensible cooling capacity	(1)(6)(7)	kW	4,31	4,99	5,76	6,80	7,13
Net latent power in cooling	(1)(6)(7)	kW	0,76	1,06	1,29	1,06	1,28
Max water flow	(1)	l/s	0,25	0,30	0,34	0,38	0,41
Pressure Drop in cooling mode	(1)	kPa	28,8	33,5	49,6	35,0	39,7
<b>Total capacity (heating mode)</b>	(2)	kW	5,83	6,95	8,07	9,02	9,64
<b>Total Net Heating Capacity</b>	(2)(6)	kW	5,97	7,10	8,22	9,21	9,83
Water flow in heating mode	(2)	l/s	0,28	0,34	0,39	0,44	0,47
Pressure drop in heating mode	(2)	kPa	24,8	37,0	47,8	18,2	50,9
Sound Pressure	(3)	dB(A)	55	54	59	57	59
Sound Power	(4)(7)	dB(A)	64	63	68	66	68
<b>SIZE AND WEIGHT</b>							
A	(5)	mm	1145	1345	1345	1545	1545
B	(5)	mm	215	215	215	215	215
H	(5)	mm	450	450	450	450	450
Operating weight	(5)	kg	25	28	29	31	34

**Notes**

- Room temperature 27 °C d.b./19 °C w.b.; Chilled water (in/out) 7/12 °C.
- Room temperature 20 °C d.b.; Hot water (in/out) 45/40 °C
- 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.
- Sound power on the basis of measurements made in compliance with ISO 3741 and Eurovent 8/2.
- Unit in standard configuration/execution, without optional accessories.
- Values in compliance with EN14511
- Values in compliance with [REGULATION (EU) N. 2016/2281]

Certified data in EUROVENT

a-LIFE2 HP DFIV/DLIV			0304	0404	0504	0604	0704
<b>ELECTRICAL DATA</b>							
Power supply		V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
<b>4 PIPES SYSTEM CONFIGURATION</b>							
<b>ENERGY EFFICIENCY</b>							
<b>COOLING (EN14511 VALUE)</b>							
FCEER	(1)(6)	kW/kW	36	40	58	69	43
FCEER Class			E	E	D	D	E
<b>HEATING ONLY (EN14511 VALUE)</b>							
FCCOP	(2)(6)	kW/kW	30	29	46	55	31
FCCOP Class			E	E	E	E	E
<b>PERFORMANCE</b>							
<b>MIN SPEED</b>							
Fan Power Input	(1)	W	52,0	52,0	38,0	38,0	67,0
Air flow rate	(1)	m <sup>3</sup> /h	392	435	464	516	584
<b>Total capacity in cooling mode</b>	(1)	kW	2,08	2,21	2,28	2,92	3,22
<b>Total Net Cooling Capacity</b>	(1)(6)(7)	kW	2,03	2,16	2,24	2,88	3,15
Sensible capacity in cooling mode	(1)	kW	1,69	1,82	1,84	2,37	2,49
Net sensible cooling capacity	(1)(6)(7)	kW	1,64	1,77	1,80	2,33	2,42
Net latent power in cooling	(1)(6)(7)	kW	0,39	0,39	0,44	0,55	0,73
Max water flow	(1)	l/s	0,10	0,11	0,11	0,14	0,15
Pressure Drop in cooling mode	(1)	kPa	19,6	16,8	4,5	7,5	11,9
<b>Total capacity (heating mode)</b>	(2)	kW	1,50	1,59	1,78	2,28	2,30
<b>Total Net Heating Capacity</b>	(2)(6)	kW	1,55	1,64	1,82	2,32	2,37
Water flow in heating mode	(2)	l/s	0,04	0,04	0,04	0,06	0,06
Pressure drop in heating mode	(2)	kPa	5,8	6,5	8,3	13,2	4,4
Sound Pressure	(3)	dB(A)	42	45	34	41	38
Sound Power	(4)(7)	dB(A)	51	54	43	50	47
<b>MED SPEED</b>							
Fan Power Input	(1)	W	71,0	71,0	53,0	53,0	96,0
Air flow rate	(1)	m <sup>3</sup> /h	500	555	525	583	767
<b>Total capacity in cooling mode</b>	(1)	kW	2,31	2,70	3,04	3,23	3,57
<b>Total Net Cooling Capacity</b>	(1)(6)(7)	kW	2,24	2,63	2,99	3,18	3,48
Sensible capacity in cooling mode	(1)	kW	1,90	2,24	2,48	2,66	2,84
Net sensible cooling capacity	(1)(6)(7)	kW	1,83	2,17	2,43	2,61	2,74
Net latent power in cooling	(1)(6)(7)	kW	0,41	0,46	0,56	0,57	0,73
Max water flow	(1)	l/s	0,11	0,13	0,15	0,15	0,17
Pressure Drop in cooling mode	(1)	kPa	24,2	25,1	8,0	9,2	14,7
<b>Total capacity (heating mode)</b>	(2)	kW	1,67	1,95	2,37	2,52	2,55
<b>Total Net Heating Capacity</b>	(2)(6)	kW	1,74	2,02	2,43	2,58	2,65
Water flow in heating mode	(2)	l/s	0,04	0,05	0,06	0,06	0,06
Pressure drop in heating mode	(2)	kPa	7,1	9,5	14,2	15,9	5,4
Sound Pressure	(3)	dB(A)	45	52	41	44	41
Sound Power	(4)(7)	dB(A)	54	61	50	53	50
<b>MAX SPEED</b>							
Fan Power Input	(1)	W	95,0	95,0	75,0	75,0	132
Air flow rate	(1)	m <sup>3</sup> /h	561	623	705	783	1004
<b>Total capacity in cooling mode</b>	(1)	kW	2,88	3,28	3,74	4,14	4,62
<b>Total Net Cooling Capacity</b>	(1)(6)(7)	kW	2,79	3,19	3,67	4,07	4,49
Sensible capacity in cooling mode	(1)	kW	2,39	2,77	3,15	3,53	3,91
Net sensible cooling capacity	(1)(6)(7)	kW	2,30	2,67	3,08	3,45	3,78
Net latent power in cooling	(1)(6)(7)	kW	0,49	0,51	0,59	0,61	0,71
Max water flow	(1)	l/s	0,14	0,16	0,18	0,20	0,22
Pressure Drop in cooling mode	(1)	kPa	37,9	37,0	12,2	15,2	24,7
<b>Total capacity (heating mode)</b>	(2)	kW	2,08	2,36	2,92	3,24	3,30
<b>Total Net Heating Capacity</b>	(2)(6)	kW	2,17	2,46	3,00	3,31	3,43
Water flow in heating mode	(2)	l/s	0,05	0,06	0,07	0,08	0,08
Pressure drop in heating mode	(2)	kPa	10,8	13,8	21,0	25,4	8,8
Sound Pressure	(3)	dB(A)	52	56	47	51	52
Sound Power	(4)(7)	dB(A)	61	65	56	60	61
<b>SIZE AND WEIGHT</b>							
A	(5)	mm	650	650	850	850	1050
B	(5)	mm	215	215	215	215	215
H	(5)	mm	450	450	450	450	450
Operating weight	(5)	kg	15	16	21	22	25

#### Notes

- Room temperature 27°C d.b./18,9°C w.b., Chilled water (in/out) 7°C/12°C.
- Room temperature 20 °C d.b., hot water (in/out) 65/55 °C
- 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.
- Sound power on the basis of measurements made in compliance with ISO 3741 and Eurovent 8/2.
- Unit in standard configuration/execution, without optional accessories.
- Values in compliance with EN14511
- Values in compliance with [REGULATION (EU) N. 2016/2281]

Certified data in EUROVENT

a-LIFE2 HP DFIV/DLIV			0804	0904	1004	1104	1204
<b>ELECTRICAL DATA</b>							
Power supply		V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
<b>4 PIPES SYSTEM CONFIGURATION</b>							
<b>ENERGY EFFICIENCY</b>							
<b>COOLING (EN14511 VALUE)</b>							
FCEER	(1)(6)	kW/kW	49	43	48	41	44
FCEER Class			E	E	E	E	E
<b>HEATING ONLY (EN14511 VALUE)</b>							
FCCOP	(2)(6)	kW/kW	35	30	34	33	32
FCCOP Class			E	E	E	E	E
<b>PERFORMANCE</b>							
<b>MIN SPEED</b>							
Fan Power Input	(1)	W	67,0	112	112	168	168
Air flow rate	(1)	m <sup>3</sup> /h	649	923	1026	1381	1534
<b>Total capacity in cooling mode</b>	(1)	kW	3,50	4,83	5,40	6,90	7,40
<b>Total Net Cooling Capacity</b>	(1)(6)(7)	kW	3,43	4,72	5,29	6,74	7,24
Sensible capacity in cooling mode	(1)	kW	2,78	3,88	4,42	5,83	6,25
Net sensible cooling capacity	(1)(6)(7)	kW	2,71	3,77	4,31	5,66	6,08
Net latent power in cooling	(1)(6)(7)	kW	0,72	0,95	0,98	1,07	1,15
Max water flow	(1)	l/s	0,17	0,23	0,26	0,33	0,35
Pressure Drop in cooling mode	(1)	kPa	13,0	20,8	28,0	25,6	29,3
<b>Total capacity (heating mode)</b>	(2)	kW	2,50	3,43	3,84	4,91	5,26
<b>Total Net Heating Capacity</b>	(2)(6)	kW	2,56	3,54	3,95	5,07	5,43
Water flow in heating mode	(2)	l/s	0,06	0,08	0,09	0,12	0,13
Pressure drop in heating mode	(2)	kPa	5,2	7,6	9,5	25,9	29,5
Sound Pressure	(3)	dB(A)	41	49	51	54	54
Sound Power	(4)(7)	dB(A)	50	58	60	63	63
<b>MED SPEED</b>							
Fan Power Input	(1)	W	96,0	135	135	179	179
Air flow rate	(1)	m <sup>3</sup> /h	852	1078	1198	1547	1719
<b>Total capacity in cooling mode</b>	(1)	kW	4,49	5,70	6,25	7,50	8,10
<b>Total Net Cooling Capacity</b>	(1)(6)(7)	kW	4,40	5,57	6,12	7,32	7,92
Sensible capacity in cooling mode	(1)	kW	3,74	4,67	5,15	6,46	7,03
Net sensible cooling capacity	(1)(6)(7)	kW	3,64	4,53	5,01	6,28	6,85
Net latent power in cooling	(1)(6)(7)	kW	0,75	1,03	1,10	1,04	1,07
Max water flow	(1)	l/s	0,21	0,27	0,30	0,36	0,39
Pressure Drop in cooling mode	(1)	kPa	21,5	28,9	37,4	30,3	35,1
<b>Total capacity (heating mode)</b>	(2)	kW	3,21	4,05	4,44	5,33	5,76
<b>Total Net Heating Capacity</b>	(2)(6)	kW	3,31	4,19	4,58	5,51	5,94
Water flow in heating mode	(2)	l/s	0,08	0,10	0,11	0,13	0,14
Pressure drop in heating mode	(2)	kPa	8,4	10,5	12,5	30,3	35,1
Sound Pressure	(3)	dB(A)	49	51	54	55	57
Sound Power	(4)(7)	dB(A)	58	60	63	64	66
<b>MAX SPEED</b>							
Fan Power Input	(1)	W	132	149	149	194	194
Air flow rate	(1)	m <sup>3</sup> /h	1116	1390	1544	1740	1933
<b>Total capacity in cooling mode</b>	(1)	kW	5,20	6,20	7,20	8,05	8,60
<b>Total Net Cooling Capacity</b>	(1)(6)(7)	kW	5,07	6,05	7,05	7,86	8,41
Sensible capacity in cooling mode	(1)	kW	4,44	5,14	5,91	6,99	7,32
Net sensible cooling capacity	(1)(6)(7)	kW	4,31	4,99	5,76	6,80	7,13
Net latent power in cooling	(1)(6)(7)	kW	0,76	1,06	1,29	1,06	1,28
Max water flow	(1)	l/s	0,25	0,30	0,34	0,38	0,41
Pressure Drop in cooling mode	(1)	kPa	28,8	34,2	49,6	35,0	39,7
<b>Total capacity (heating mode)</b>	(2)	kW	3,72	4,41	5,12	5,72	6,12
<b>Total Net Heating Capacity</b>	(2)(6)	kW	3,85	4,56	5,27	5,92	6,31
Water flow in heating mode	(2)	l/s	0,09	0,11	0,12	0,14	0,15
Pressure drop in heating mode	(2)	kPa	11,1	12,3	16,3	34,7	39,3
Sound Pressure	(3)	dB(A)	55	54	59	57	59
Sound Power	(4)(7)	dB(A)	64	63	68	66	68
<b>SIZE AND WEIGHT</b>							
A	(5)	mm	1050	1250	1250	1450	1450
B	(5)	mm	215	215	215	215	215
H	(5)	mm	450	450	450	450	450
Operating weight	(5)	kg	26	29	31	32	35

**Notes**

- Room temperature 27°C d.b./18,9°C w.b., Chilled water (in/out) 7°C/12°C.
- Room temperature 20 °C d.b., hot water (in/out) 65/55 °C
- 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.
- Sound power on the basis of measurements made in compliance with ISO 3741 and Eurovent 8/2.
- Unit in standard configuration/execution, without optional accessories.
- Values in compliance with EN14511
- Values in compliance with [REGULATION (EU) N. 2016/2281]

Certified data in EUROVENT

a-LIFE2 HP DFIO/DLIO			0304	0404	0504	0604	0704
<b>ELECTRICAL DATA</b>							
Power supply		V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
<b>4 PIPES SYSTEM CONFIGURATION</b>							
<b>ENERGY EFFICIENCY</b>							
<b>COOLING (EN14511 VALUE)</b>							
FCEER	(1)(6)	kW/kW	36	40	58	69	43
FCEER Class			E	E	D	D	E
<b>HEATING ONLY (EN14511 VALUE)</b>							
FCCOP	(2)(6)	kW/kW	30	29	46	55	31
FCCOP Class			E	E	E	E	E
<b>PERFORMANCE</b>							
<b>MIN SPEED</b>							
Fan Power Input	(1)	W	52,0	52,0	38,0	38,0	67,0
Air flow rate	(1)	m <sup>3</sup> /h	392	435	464	516	584
<b>Total capacity in cooling mode</b>	(1)	kW	2,08	2,21	2,28	2,92	3,22
<b>Total Net Cooling Capacity</b>	(1)(6)(7)	kW	2,03	2,16	2,24	2,88	3,15
Sensible capacity in cooling mode	(1)	kW	1,69	1,82	1,84	2,37	2,49
Net sensible cooling capacity	(1)(6)(7)	kW	1,64	1,77	1,80	2,33	2,42
Net latent power in cooling	(1)(6)(7)	kW	0,39	0,39	0,44	0,55	0,73
Max water flow	(1)	l/s	0,10	0,11	0,11	0,14	0,15
Pressure Drop in cooling mode	(1)	kPa	19,6	16,8	4,5	7,5	11,9
<b>Total capacity (heating mode)</b>	(2)	kW	1,50	1,59	1,78	2,28	2,30
<b>Total Net Heating Capacity</b>	(2)(6)	kW	1,55	1,64	1,82	2,32	2,37
Water flow in heating mode	(2)	l/s	0,04	0,04	0,04	0,06	0,06
Pressure drop in heating mode	(2)	kPa	5,8	6,5	8,3	13,2	4,4
Sound Pressure	(3)	dB(A)	42	45	34	41	38
Sound Power	(4)(7)	dB(A)	51	54	43	50	47
<b>MED SPEED</b>							
Fan Power Input	(1)	W	71,0	71,0	53,0	53,0	96,0
Air flow rate	(1)	m <sup>3</sup> /h	500	555	525	583	767
<b>Total capacity in cooling mode</b>	(1)	kW	2,31	2,70	3,04	3,23	3,57
<b>Total Net Cooling Capacity</b>	(1)(6)(7)	kW	2,24	2,63	2,99	3,18	3,48
Sensible capacity in cooling mode	(1)	kW	1,90	2,24	2,48	2,66	2,84
Net sensible cooling capacity	(1)(6)(7)	kW	1,83	2,17	2,43	2,61	2,74
Net latent power in cooling	(1)(6)(7)	kW	0,41	0,46	0,56	0,57	0,73
Max water flow	(1)	l/s	0,11	0,13	0,15	0,15	0,17
Pressure Drop in cooling mode	(1)	kPa	24,2	25,1	8,0	9,2	14,7
<b>Total capacity (heating mode)</b>	(2)	kW	1,67	1,95	2,37	2,52	2,55
<b>Total Net Heating Capacity</b>	(2)(6)	kW	1,74	2,02	2,43	2,58	2,65
Water flow in heating mode	(2)	l/s	0,04	0,05	0,06	0,06	0,06
Pressure drop in heating mode	(2)	kPa	7,1	9,5	14,2	15,9	5,4
Sound Pressure	(3)	dB(A)	45	52	41	44	41
Sound Power	(4)(7)	dB(A)	54	61	50	53	50
<b>MAX SPEED</b>							
Fan Power Input	(1)	W	95,0	95,0	75,0	75,0	132
Air flow rate	(1)	m <sup>3</sup> /h	561	623	705	783	1004
<b>Total capacity in cooling mode</b>	(1)	kW	2,88	3,28	3,74	4,14	4,62
<b>Total Net Cooling Capacity</b>	(1)(6)(7)	kW	2,79	3,19	3,67	4,07	4,49
Sensible capacity in cooling mode	(1)	kW	2,39	2,77	3,15	3,53	3,91
Net sensible cooling capacity	(1)(6)(7)	kW	2,30	2,67	3,08	3,45	3,78
Net latent power in cooling	(1)(6)(7)	kW	0,49	0,51	0,59	0,61	0,71
Max water flow	(1)	l/s	0,14	0,16	0,18	0,20	0,22
Pressure Drop in cooling mode	(1)	kPa	37,9	37,0	12,2	15,2	24,7
<b>Total capacity (heating mode)</b>	(2)	kW	2,08	2,36	2,92	3,24	3,30
<b>Total Net Heating Capacity</b>	(2)(6)	kW	2,17	2,46	3,00	3,31	3,43
Water flow in heating mode	(2)	l/s	0,05	0,06	0,07	0,08	0,08
Pressure drop in heating mode	(2)	kPa	10,8	13,8	21,0	25,4	8,8
Sound Pressure	(3)	dB(A)	52	56	47	51	52
Sound Power	(4)(7)	dB(A)	61	65	56	60	61
<b>SIZE AND WEIGHT</b>							
A	(5)	mm	745	745	945	945	1145
B	(5)	mm	215	215	215	215	215
H	(5)	mm	450	450	450	450	450
Operating weight	(5)	kg	15	16	21	22	25

#### Notes

- Room temperature 27°C d.b./18,9°C w.b., Chilled water (in/out) 7°C/12°C.
- Room temperature 20 °C d.b., hot water (in/out) 65/55 °C
- 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.
- Sound power on the basis of measurements made in compliance with ISO 3741 and Eurovent 8/2.
- Unit in standard configuration/execution, without optional accessories.
- Values in compliance with EN14511
- Values in compliance with [REGULATION (EU) N. 2016/2281]

Certified data in EUROVENT



a-LIFE2 HP DFIO/DLIO			0804	0904	1004	1104	1204
<b>ELECTRICAL DATA</b>							
Power supply		V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
<b>4 PIPES SYSTEM CONFIGURATION</b>							
<b>ENERGY EFFICIENCY</b>							
<b>COOLING (EN14511 VALUE)</b>							
FCEER	(1)(6)	kW/kW	49	43	48	41	44
FCEER Class			E	E	E	E	E
<b>HEATING ONLY (EN14511 VALUE)</b>							
FCCOP	(2)(6)	kW/kW	35	30	34	33	32
FCCOP Class			E	E	E	E	E
<b>PERFORMANCE</b>							
<b>MIN SPEED</b>							
Fan Power Input	(1)	W	67,0	112	112	168	168
Air flow rate	(1)	m <sup>3</sup> /h	649	923	1026	1381	1534
<b>Total capacity in cooling mode</b>	(1)	kW	3,50	4,83	5,40	6,90	7,40
<b>Total Net Cooling Capacity</b>	(1)(6)(7)	kW	3,43	4,72	5,29	6,74	7,24
Sensible capacity in cooling mode	(1)	kW	2,78	3,88	4,42	5,83	6,25
Net sensible cooling capacity	(1)(6)(7)	kW	2,71	3,77	4,31	5,66	6,08
Net latent power in cooling	(1)(6)(7)	kW	0,72	0,95	0,98	1,07	1,15
Max water flow	(1)	l/s	0,17	0,23	0,26	0,33	0,35
Pressure Drop in cooling mode	(1)	kPa	13,0	20,8	28,0	25,6	29,3
<b>Total capacity (heating mode)</b>	(2)	kW	2,50	3,43	3,84	4,91	5,26
<b>Total Net Heating Capacity</b>	(2)(6)	kW	2,56	3,54	3,95	5,07	5,43
Water flow in heating mode	(2)	l/s	0,06	0,08	0,09	0,12	0,13
Pressure drop in heating mode	(2)	kPa	5,2	7,6	9,5	25,9	29,5
Sound Pressure	(3)	dB(A)	41	49	51	54	54
Sound Power	(4)(7)	dB(A)	50	58	60	63	63
<b>MED SPEED</b>							
Fan Power Input	(1)	W	96,0	135	135	179	179
Air flow rate	(1)	m <sup>3</sup> /h	852	1078	1198	1547	1719
<b>Total capacity in cooling mode</b>	(1)	kW	4,49	5,70	6,25	7,50	8,10
<b>Total Net Cooling Capacity</b>	(1)(6)(7)	kW	4,40	5,57	6,12	7,32	7,92
Sensible capacity in cooling mode	(1)	kW	3,74	4,67	5,15	6,46	7,03
Net sensible cooling capacity	(1)(6)(7)	kW	3,64	4,53	5,01	6,28	6,85
Net latent power in cooling	(1)(6)(7)	kW	0,75	1,03	1,10	1,04	1,07
Max water flow	(1)	l/s	0,21	0,27	0,30	0,36	0,39
Pressure Drop in cooling mode	(1)	kPa	21,5	28,9	37,4	30,3	35,1
<b>Total capacity (heating mode)</b>	(2)	kW	3,21	4,05	4,44	5,33	5,76
<b>Total Net Heating Capacity</b>	(2)(6)	kW	3,31	4,19	4,58	5,51	5,94
Water flow in heating mode	(2)	l/s	0,08	0,10	0,11	0,13	0,14
Pressure drop in heating mode	(2)	kPa	8,4	10,5	12,5	30,3	35,1
Sound Pressure	(3)	dB(A)	49	51	54	55	57
Sound Power	(4)(7)	dB(A)	58	60	63	64	66
<b>MAX SPEED</b>							
Fan Power Input	(1)	W	132	149	149	194	194
Air flow rate	(1)	m <sup>3</sup> /h	1116	1390	1544	1740	1933
<b>Total capacity in cooling mode</b>	(1)	kW	5,20	6,20	7,20	8,05	8,60
<b>Total Net Cooling Capacity</b>	(1)(6)(7)	kW	5,07	6,05	7,05	7,86	8,41
Sensible capacity in cooling mode	(1)	kW	4,44	5,14	5,91	6,99	7,32
Net sensible cooling capacity	(1)(6)(7)	kW	4,31	4,99	5,76	6,80	7,13
Net latent power in cooling	(1)(6)(7)	kW	0,76	1,06	1,29	1,06	1,28
Max water flow	(1)	l/s	0,25	0,30	0,34	0,38	0,41
Pressure Drop in cooling mode	(1)	kPa	28,8	34,2	49,6	35,0	39,7
<b>Total capacity (heating mode)</b>	(2)	kW	3,72	4,41	5,12	5,72	6,12
<b>Total Net Heating Capacity</b>	(2)(6)	kW	3,85	4,56	5,27	5,92	6,31
Water flow in heating mode	(2)	l/s	0,09	0,11	0,12	0,14	0,15
Pressure drop in heating mode	(2)	kPa	11,1	12,3	16,3	34,7	39,3
Sound Pressure	(3)	dB(A)	55	54	59	57	59
Sound Power	(4)(7)	dB(A)	64	63	68	66	68
<b>SIZE AND WEIGHT</b>							
A	(5)	mm	1145	1345	1345	1545	1545
B	(5)	mm	215	215	215	215	215
H	(5)	mm	450	450	450	450	450
Operating weight	(5)	kg	27	29	31	32	36

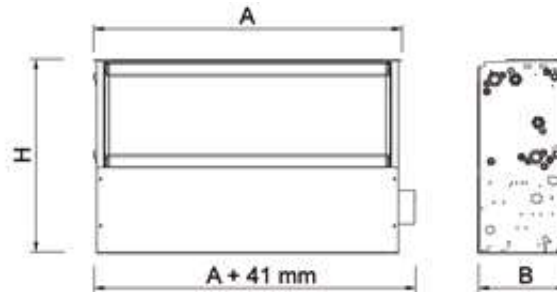
**Notes**

- Room temperature 27°C d.b./18,9°C w.b., Chilled water (in/out) 7°C/12°C.
- Room temperature 20 °C d.b., hot water (in/out) 65/55 °C
- 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.
- Sound power on the basis of measurements made in compliance with ISO 3741 and Eurovent 8/2.

- Unit in standard configuration/execution, without optional accessories.
- Values in compliance with EN14511
- Values in compliance with [REGULATION (EU) N. 2016/2281]

Certified data in EUROVENT

Dimensional drawing



# i-LIFE2 HP

0202 - 1204 2,00-8,76 kW

High Head professional Fan-Coil with Brushless EC motor for continuous regulation of airflow and fan speed.



**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 thermal 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.**

## Control

ATW-EC wall mounted thermostat

Operating modes selection and fan speed control (0-10Vdc), Room air temperature probe and remote water temperature probe. ON/OFF valve unit control. Electric heater control (ATW-EC only). Configurable digital input.

EKW wall mounted thermostat (with HB/ i-HB power board)

Operating modes selection and fan speed control. Room air temperature probe and remote water temperature probe. ON/OFF or modulating valve unit control. Electric heater control. Installation in BMS (e.g. Idrorelax). Installation management of Master-Slave system up to 8 fan-coil units.

iKW wall mounted programmable thermostat with LCD screen (with HB/i-HB power board)

Programmable room thermostat with operating modes selection and fan speed control. Room air temperature probe and remote water temperature probe. ON/OFF or modulating valve unit control. Electric heater control. Installation in BMS (e.g. Idrorelax). Installation management of Master-Slave system up to 8 fan-coil units.

IR Remote control (with HB/i-HB power board)

Set-point regulation, operating mode (OFF/COOLING/HEATING/AUTO /VENTILATION) and fan speed control (Max, Med, Min, AUTO).

## Versions

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

## Accessories

- 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, in combination with i(HB) Powerboard and Controls EK/EKW e IK.
- Hose kit
- Plenum kit with round, straight or 90° air ducts.
- Kit i-HB powerboard for units with EC motor and IKW, EKW Controls
- Condensate drain pump with float switch supplied as standard.
- Horizontal and vertical fan coil auxiliary tray

i-LIFE2 HP DFIV/DLIV			0202	0402	0602	0802	1002	1202
<b>ELECTRICAL DATA</b>								
Power supply		V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
<b>2 PIPES SYSTEM CONFIGURATION</b>								
<b>ENERGY EFFICIENCY</b>								
<b>COOLING (EN14511 VALUE)</b>								
FCEER	(1)(6)	kW/kW	125	122	124	120	136	110
FCEER Class			B	B	B	B	B	C
<b>HEATING ONLY (EN14511 VALUE)</b>								
FCCOP	(2)(6)	kW/kW	141	162	173	165	183	153
FCCOP Class			C	B	B	B	B	C
<b>PERFORMANCE</b>								
<b>MIN SPEED</b>								
Fan Power Input	(1)	W	6,81	11,2	10,9	11,9	17,4	22,4
Air flow rate	(1)	m <sup>3</sup> /h	176	242	289	318	536	811
<b>Total capacity in cooling mode</b>	(1)	kW	1,00	1,50	1,95	2,35	3,23	4,65
<b>Total Net Cooling Capacity</b>	(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	3,1	7,8	3,3	5,9	10,1	11,6
<b>Total capacity (heating mode)</b>	(2)	kW	1,18	1,68	2,28	2,70	3,61	5,21
<b>Total Net Heating Capacity</b>	(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	4,1	9,3	4,2	5,9	10,8	14,8
Sound Pressure	(3)	dB(A)	30	33	33	34	37	57
Sound Power	(4)(7)	dB(A)	40	42	42	43	46	66
<b>MED SPEED</b>								
Fan Power Input	(1)	W	13,1	17,1	25,4	40,3	43,1	97,3
Air flow rate	(1)	m <sup>3</sup> /h	262	377	548	755	917	1437
<b>Total capacity in cooling mode</b>	(1)	kW	1,45	2,29	3,01	4,48	5,38	7,55
<b>Total Net Cooling Capacity</b>	(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	6,7	18,1	8,0	21,4	27,9	30,5
<b>Total capacity (heating mode)</b>	(2)	kW	1,72	2,58	3,51	5,16	6,00	8,45
<b>Total Net Heating Capacity</b>	(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	8,3	20,6	9,6	19,7	27,7	39,1
Sound Pressure	(3)	dB(A)	38	42	44	45	46	59
Sound Power	(4)(7)	dB(A)	47	51	53	54	56	68
<b>MAX SPEED</b>								
Fan Power Input	(1)	W	27,1	39,1	62,9	76,6	105	171
Air flow rate	(1)	m <sup>3</sup> /h	363	586	808	976	1351	1805
<b>Total capacity in cooling mode</b>	(1)	kW	2,00	3,38	4,36	5,68	7,50	8,76
<b>Total Net Cooling Capacity</b>	(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	12,7	39,3	16,9	34,4	53,8	41,2
<b>Total capacity (heating mode)</b>	(2)	kW	2,40	3,68	5,09	6,53	8,51	9,82
<b>Total Net Heating Capacity</b>	(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	15,6	40,8	19,6	30,7	52,8	52,8
Sound Pressure	(3)	dB(A)	48	51	53	54	56	60
Sound Power	(4)(7)	dB(A)	57	60	62	63	65	69
<b>SIZE AND WEIGHT</b>								
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

- Room temperature 27 °C d.b./19 °C w.b.; Chilled water (in/out) 7/12 °C.
- Room temperature 20 °C d.b.; Hot water (in/out) 45/40 °C
- 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.
- Sound power on the basis of measurements made in compliance with ISO 3741 and Eurovent 8/2.
- Unit in standard configuration/execution, without optional accessories.
- Values in compliance with EN14511
- Values in compliance with [REGULATION (EU) N. 2016/2281]

Certified data in EUROVENT

i-LIFE2 HP DFIO/DLIO			0202	0402	0602	0802	1002	1202
<b>ELECTRICAL DATA</b>								
Power supply		V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
<b>2 PIPES SYSTEM CONFIGURATION</b>								
<b>ENERGY EFFICIENCY</b>								
<b>COOLING (EN14511 VALUE)</b>								
FCEER	(1)(6)	kW/kW	125	122	124	120	136	110
FCEER Class			B	B	B	B	B	C
<b>HEATING ONLY (EN14511 VALUE)</b>								
FCCOP	(2)(6)	kW/kW	141	162	173	165	183	153
FCCOP Class			C	B	B	B	B	C
<b>PERFORMANCE</b>								
<b>MIN SPEED</b>								
Fan Power Input	(1)	W	6,81	11,2	10,9	11,9	17,4	22,4
Air flow rate	(1)	m <sup>3</sup> /h	176	242	289	318	536	811
<b>Total capacity in cooling mode</b>	(1)	kW	1,00	1,50	1,95	2,35	3,23	4,65
<b>Total Net Cooling Capacity</b>	(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	3,1	7,8	3,3	5,9	10,1	11,6
<b>Total capacity (heating mode)</b>	(2)	kW	1,18	1,68	2,28	2,70	3,61	5,21
<b>Total Net Heating Capacity</b>	(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	4,1	9,3	4,2	5,9	10,8	14,8
Sound Pressure	(3)	dB(A)	30	33	33	34	37	57
Sound Power	(4)(7)	dB(A)	40	42	42	43	46	66
<b>MED SPEED</b>								
Fan Power Input	(1)	W	13,1	17,1	25,4	40,3	43,1	97,3
Air flow rate	(1)	m <sup>3</sup> /h	262	377	548	755	917	1437
<b>Total capacity in cooling mode</b>	(1)	kW	1,45	2,29	3,01	4,48	5,38	7,55
<b>Total Net Cooling Capacity</b>	(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	6,7	18,1	8,0	21,4	27,9	30,5
<b>Total capacity (heating mode)</b>	(2)	kW	1,72	2,58	3,51	5,16	6,00	8,45
<b>Total Net Heating Capacity</b>	(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	8,3	20,6	9,6	19,7	27,7	39,1
Sound Pressure	(3)	dB(A)	38	42	44	45	46	59
Sound Power	(4)(7)	dB(A)	47	51	53	54	56	68
<b>MAX SPEED</b>								
Fan Power Input	(1)	W	27,1	39,1	62,9	76,6	105	171
Air flow rate	(1)	m <sup>3</sup> /h	363	586	808	976	1351	1805
<b>Total capacity in cooling mode</b>	(1)	kW	2,00	3,38	4,36	5,68	7,50	8,76
<b>Total Net Cooling Capacity</b>	(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	12,7	39,3	16,9	34,4	53,8	41,2
<b>Total capacity (heating mode)</b>	(2)	kW	2,40	3,68	5,09	6,53	8,51	9,82
<b>Total Net Heating Capacity</b>	(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	15,6	40,8	19,6	30,7	52,8	52,8
Sound Pressure	(3)	dB(A)	48	51	53	54	56	60
Sound Power	(4)(7)	dB(A)	57	60	62	63	65	69
<b>SIZE AND WEIGHT</b>								
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**

- Room temperature 27 °C d.b./19 °C w.b.; Chilled water (in/out) 7/12 °C.
- Room temperature 20 °C d.b.; Hot water (in/out) 45/40 °C
- 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.
- Sound power on the basis of measurements made in compliance with ISO 3741 and Eurovent 8/2.
- Unit in standard configuration/execution, without optional accessories.
- Values in compliance with EN14511
- Values in compliance with [REGULATION (EU) N. 2016/2281]

Certified data in EUROVENT

i-LIFE2 HP DFIV/DLIV			0204	0404	0604	0804	1004	1204
<b>ELECTRICAL DATA</b>								
Power supply		V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
<b>4 PIPES SYSTEM CONFIGURATION</b>								
<b>ENERGY EFFICIENCY</b>								
<b>COOLING (EN14511 VALUE)</b>								
FCEER	(1)(6)	kW/kW	125	122	124	120	136	110
FCEER Class			B	B	B	B	B	C
<b>HEATING ONLY (EN14511 VALUE)</b>								
FCCOP	(2)(6)	kW/kW	104	99	110	103	116	77
FCCOP Class			C	D	C	C	C	D
<b>PERFORMANCE</b>								
<b>MIN SPEED</b>								
Fan Power Input	(1)	W	6,81	11,2	10,9	11,9	17,4	22,4
Air flow rate	(1)	m <sup>3</sup> /h	176	242	289	318	536	811
<b>Total capacity in cooling mode</b>	(1)	kW	1,00	1,50	1,95	2,35	3,23	4,65
<b>Total Net Cooling Capacity</b>	(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	3,1	7,8	3,3	5,9	10,1	11,6
<b>Total capacity (heating mode)</b>	(2)	kW	0,69	1,01	1,43	1,66	2,27	3,07
<b>Total Net Heating Capacity</b>	(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	2,1	2,8	5,6	2,4	3,5	10,7
Sound Pressure	(3)	dB(A)	30	33	33	34	37	57
Sound Power	(4)(7)	dB(A)	40	42	42	43	46	66
<b>MED SPEED</b>								
Fan Power Input	(1)	W	13,1	17,1	25,4	40,3	43,1	97,3
Air flow rate	(1)	m <sup>3</sup> /h	262	377	548	755	917	1437
<b>Total capacity in cooling mode</b>	(1)	kW	1,45	2,29	3,01	4,48	5,38	7,55
<b>Total Net Cooling Capacity</b>	(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	6,7	18,1	8,0	21,4	27,9	30,5
<b>Total capacity (heating mode)</b>	(2)	kW	1,00	1,56	2,20	3,16	3,78	5,03
<b>Total Net Heating Capacity</b>	(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	4,1	6,2	12,4	8,1	9,2	27,2
Sound Pressure	(3)	dB(A)	38	42	44	45	46	59
Sound Power	(4)(7)	dB(A)	47	51	53	54	56	68
<b>MAX SPEED</b>								
Fan Power Input	(1)	W	27,1	39,1	62,9	76,6	105	171
Air flow rate	(1)	m <sup>3</sup> /h	363	586	808	976	1351	1805
<b>Total capacity in cooling mode</b>	(1)	kW	2,00	3,38	4,36	5,68	7,50	8,76
<b>Total Net Cooling Capacity</b>	(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	12,7	39,3	16,9	34,4	53,8	41,2
<b>Total capacity (heating mode)</b>	(2)	kW	1,39	2,28	3,20	4,00	5,27	5,84
<b>Total Net Heating Capacity</b>	(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	7,5	12,9	24,8	12,7	17,2	36,0
Sound Pressure	(3)	dB(A)	48	51	53	54	56	60
Sound Power	(4)(7)	dB(A)	57	60	62	63	65	69
<b>SIZE AND WEIGHT</b>								
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

- Room temperature 27°C d.b./18,9°C w.b., Chilled water (in/out) 7°C/12°C.
- Room temperature 20 °C d.b., hot water (in/out) 65/55 °C
- 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.
- Sound power on the basis of measurements made in compliance with ISO 3741 and Eurovent 8/2.
- Unit in standard configuration/execution, without optional accessories.
- Values in compliance with EN14511
- Values in compliance with [REGULATION (EU) N. 2016/2281]

Certified data in EUROVENT

i-LIFE2 HP DFIO/DLIO			0204	0404	0604	0804	1004	1204
<b>ELECTRICAL DATA</b>								
Power supply		V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
<b>4 PIPES SYSTEM CONFIGURATION</b>								
<b>ENERGY EFFICIENCY</b>								
<b>COOLING (EN14511 VALUE)</b>								
FCEER	(1)(6)	kW/kW	125	122	124	120	136	110
FCEER Class			B	B	B	B	B	C
<b>HEATING ONLY (EN14511 VALUE)</b>								
FCCOP	(2)(6)	kW/kW	104	99	110	103	116	77
FCCOP Class			C	D	C	C	C	D
<b>PERFORMANCE</b>								
<b>MIN SPEED</b>								
Fan Power Input	(1)	W	6,81	11,2	10,9	11,9	17,4	22,4
Air flow rate	(1)	m <sup>3</sup> /h	176	242	289	318	536	811
<b>Total capacity in cooling mode</b>	(1)	kW	1,00	1,50	1,95	2,35	3,23	4,65
<b>Total Net Cooling Capacity</b>	(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	3,1	7,8	3,3	5,9	10,1	11,6
<b>Total capacity (heating mode)</b>	(2)	kW	0,69	1,01	1,43	1,66	2,27	3,07
<b>Total Net Heating Capacity</b>	(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	2,1	2,8	5,6	2,4	3,5	10,7
Sound Pressure	(3)	dB(A)	30	33	33	34	37	57
Sound Power	(4)(7)	dB(A)	40	42	42	43	46	66
<b>MED SPEED</b>								
Fan Power Input	(1)	W	13,1	17,1	25,4	40,3	43,1	97,3
Air flow rate	(1)	m <sup>3</sup> /h	262	377	548	755	917	1437
<b>Total capacity in cooling mode</b>	(1)	kW	1,45	2,29	3,01	4,48	5,38	7,55
<b>Total Net Cooling Capacity</b>	(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	6,7	18,1	8,0	21,4	27,9	30,5
<b>Total capacity (heating mode)</b>	(2)	kW	1,00	1,56	2,20	3,16	3,78	5,03
<b>Total Net Heating Capacity</b>	(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	4,1	6,2	12,4	8,1	9,2	27,2
Sound Pressure	(3)	dB(A)	38	42	44	45	46	59
Sound Power	(4)(7)	dB(A)	47	51	53	54	56	68
<b>MAX SPEED</b>								
Fan Power Input	(1)	W	27,1	39,1	62,9	76,6	105	171
Air flow rate	(1)	m <sup>3</sup> /h	363	586	808	976	1351	1805
<b>Total capacity in cooling mode</b>	(1)	kW	2,00	3,38	4,36	5,68	7,50	8,76
<b>Total Net Cooling Capacity</b>	(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	12,7	39,3	16,9	34,4	53,8	41,2
<b>Total capacity (heating mode)</b>	(2)	kW	1,39	2,28	3,20	4,00	5,27	5,84
<b>Total Net Heating Capacity</b>	(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	7,5	12,9	24,8	12,7	17,2	36,0
Sound Pressure	(3)	dB(A)	48	51	53	54	56	60
Sound Power	(4)(7)	dB(A)	57	60	62	63	65	69
<b>SIZE AND WEIGHT</b>								
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**

- Room temperature 27°C d.b./18,9°C w.b., Chilled water (in/out) 7°C/12°C.
- Room temperature 20 °C d.b., hot water (in/out) 65/55 °C
- 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.
- Sound power on the basis of measurements made in compliance with ISO 3741 and Eurovent 8/2.
- Unit in standard configuration/execution, without optional accessories.
- Values in compliance with EN14511
- Values in compliance with [REGULATION (EU) N. 2016/2281]

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Dimensional drawing

