



The 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 MEHITS 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, with a-LIFE3 units it's very easy to find the perfect solution for any system request.

Control

PS on board controller / PSW wall mounted controller
3 fan speeds and 3 operating modes manual switch, ON/OFF valve unit control. Remote water temperature probe.

MT on board thermostat / 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.

AT on board thermostat / 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).

EK on board thermostat / 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.

iK on board programmable thermostat / 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. |
| DFMO | version with cabinet, front air intake, horizontal installation | DLMV | version with cabinet, low air intake, vertical installation |
| DFMV | version with cabinet, front air intake, vertical installation | DLMO | version with cabinet, low air intake, horizontal installation |

Features

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

Multi speed directly coupled electric motor;

6-speed autotransformer;

Coils with aluminium fins and copper pipes.

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

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

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

Plastic drain pan for all versions.

Configurations for 2 and 4 pipe Systems.

Air filter on all models.

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

Accessories

- Hot water coil kit
- Kit Bus Adapter for BMS
- 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.
- Interface SPB Kit
- Kit control board to manage 0-10V or 3 points modulating valve unit
- 2 & 3 Way Valves for main and additional coil with ON/OFF, PWM, 0-10V or 3P Motor.
- Kit LIFE BOX
- Plenum kit with round, straight or 90° air ducts.
- Air intake grille kit
- Horizontal and vertical fan coil auxiliary tray
- Electrical Heaters

| a-LIFE3 / 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 | 34 | 41 | 42 | 50 | 64 |
| FCEER Class | | | E | E | E | E | D |
| HEATING ONLY (EN14511 VALUE) | | | | | | | |
| FCCOP | (2)(6) | kW/kW | 47 | 49 | 58 | 60 | 72 |
| FCCOP Class | | | E | E | E | E | D |
| PERFORMANCE | | | | | | | |
| MIN SPEED | | | | | | | |
| Fan Power Input | (1) | W | 20,0 | 20,0 | 25,0 | 25,0 | 26,0 |
| Air flow rate | (1) | m ³ /h | 186 | 197 | 239 | 252 | 346 |
| Total capacity in cooling mode | (1) | kW | 0,73 | 0,86 | 1,20 | 1,42 | 1,93 |
| Total Net Cooling Capacity | (1)(6)(7) | kW | 0,71 | 0,84 | 1,18 | 1,40 | 1,90 |
| Sensible capacity in cooling mode | (1) | kW | 0,62 | 0,69 | 1,02 | 1,14 | 1,46 |
| Net sensible cooling capacity | (1)(6)(7) | kW | 0,60 | 0,67 | 1,00 | 1,12 | 1,43 |
| Net latent power in cooling | (1)(6)(7) | kW | 0,11 | 0,17 | 0,18 | 0,28 | 0,47 |
| Max water flow | (1) | l/s | 0,03 | 0,04 | 0,06 | 0,07 | 0,09 |
| Pressure Drop in cooling mode | (1) | kPa | 0,5 | 4,6 | 1,6 | 8,4 | 4,0 |
| Total capacity (heating mode) | (2) | kW | 0,95 | 0,98 | 1,58 | 1,63 | 2,06 |
| Total Net Heating Capacity | (2)(6) | kW | 0,97 | 1,00 | 1,61 | 1,65 | 2,09 |
| Water flow in heating mode | (2) | l/s | 0,05 | 0,05 | 0,08 | 0,08 | 0,10 |
| Pressure drop in heating mode | (2) | kPa | 0,7 | 4,6 | 2,1 | 8,8 | 3,9 |
| Sound Pressure | (3) | dB(A) | 29 | 29 | 33 | 33 | 33 |
| Sound Power | (4)(7) | dB(A) | 38 | 38 | 42 | 42 | 42 |
| MED SPEED | | | | | | | |
| Fan Power Input | (1) | W | 31,0 | 31,0 | 43,0 | 43,0 | 46,0 |
| Air flow rate | (1) | m ³ /h | 261 | 276 | 365 | 385 | 509 |
| Total capacity in cooling mode | (1) | kW | 1,11 | 1,31 | 1,69 | 2,03 | 2,69 |
| Total Net Cooling Capacity | (1)(6)(7) | kW | 1,08 | 1,28 | 1,65 | 1,99 | 2,65 |
| Sensible capacity in cooling mode | (1) | kW | 0,96 | 1,06 | 1,49 | 1,65 | 2,10 |
| Net sensible cooling capacity | (1)(6)(7) | kW | 0,93 | 1,03 | 1,45 | 1,61 | 2,05 |
| Net latent power in cooling | (1)(6)(7) | kW | 0,15 | 0,25 | 0,20 | 0,38 | 0,59 |
| Max water flow | (1) | l/s | 0,05 | 0,06 | 0,08 | 0,10 | 0,13 |
| Pressure Drop in cooling mode | (1) | kPa | 0,9 | 9,7 | 2,9 | 14,7 | 7,2 |
| Total capacity (heating mode) | (2) | kW | 1,45 | 1,48 | 2,26 | 2,33 | 2,98 |
| Total Net Heating Capacity | (2)(6) | kW | 1,48 | 1,51 | 2,30 | 2,37 | 3,03 |
| Water flow in heating mode | (2) | l/s | 0,07 | 0,07 | 0,11 | 0,11 | 0,14 |
| Pressure drop in heating mode | (2) | kPa | 1,3 | 9,3 | 3,9 | 16,1 | 7,2 |
| Sound Pressure | (3) | dB(A) | 38 | 39 | 42 | 43 | 41 |
| Sound Power | (4)(7) | dB(A) | 47 | 48 | 51 | 52 | 50 |
| MAX SPEED | | | | | | | |
| Fan Power Input | (1) | W | 49,0 | 49,0 | 66,0 | 66,0 | 71,0 |
| Air flow rate | (1) | m ³ /h | 368 | 389 | 472 | 498 | 676 |
| Total capacity in cooling mode | (1) | kW | 1,41 | 1,65 | 2,11 | 2,48 | 3,27 |
| Total Net Cooling Capacity | (1)(6)(7) | kW | 1,36 | 1,60 | 2,04 | 2,42 | 3,20 |
| Sensible capacity in cooling mode | (1) | kW | 1,27 | 1,43 | 1,83 | 2,07 | 2,58 |
| Net sensible cooling capacity | (1)(6)(7) | kW | 1,22 | 1,38 | 1,76 | 2,00 | 2,51 |
| Net latent power in cooling | (1)(6)(7) | kW | 0,14 | 0,22 | 0,28 | 0,41 | 0,69 |
| Max water flow | (1) | l/s | 0,07 | 0,08 | 0,10 | 0,12 | 0,16 |
| Pressure Drop in cooling mode | (1) | kPa | 1,2 | 14,5 | 4,2 | 20,2 | 10,2 |
| Total capacity (heating mode) | (2) | kW | 1,85 | 1,92 | 2,75 | 2,88 | 3,68 |
| Total Net Heating Capacity | (2)(6) | kW | 1,90 | 1,97 | 2,82 | 2,95 | 3,75 |
| Water flow in heating mode | (2) | l/s | 0,09 | 0,09 | 0,13 | 0,14 | 0,18 |
| Pressure drop in heating mode | (2) | kPa | 1,9 | 14,4 | 5,4 | 23,1 | 10,3 |
| Sound Pressure | (3) | dB(A) | 45 | 46 | 48 | 49 | 48 |
| Sound Power | (4)(7) | dB(A) | 54 | 55 | 57 | 58 | 57 |
| 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 | 14 | 14 | 20 |

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-LIFE3 / 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 | 74 | 52 | 57 | 50 | 54 |
| FCEER Class | | | D | E | D | E | E |
| HEATING ONLY (EN14511 VALUE) | | | | | | | |
| FCCOP | (2)(6) | kW/kW | 81 | 64 | 69 | 62 | 66 |
| FCCOP Class | | | D | E | E | E | E |
| PERFORMANCE | | | | | | | |
| MIN SPEED | | | | | | | |
| Fan Power Input | (1) | W | 26,0 | 48,0 | 48,0 | 61,0 | 61,0 |
| Air flow rate | (1) | m ³ /h | 365 | 477 | 504 | 537 | 567 |
| Total capacity in cooling mode | (1) | kW | 2,23 | 2,95 | 3,21 | 3,43 | 3,69 |
| Total Net Cooling Capacity | (1)(6)(7) | kW | 2,21 | 2,90 | 3,16 | 3,37 | 3,63 |
| Sensible capacity in cooling mode | (1) | kW | 1,65 | 2,44 | 2,58 | 2,70 | 2,96 |
| Net sensible cooling capacity | (1)(6)(7) | kW | 1,62 | 2,39 | 2,53 | 2,64 | 2,90 |
| Net latent power in cooling | (1)(6)(7) | kW | 0,58 | 0,51 | 0,63 | 0,73 | 0,73 |
| Max water flow | (1) | l/s | 0,11 | 0,14 | 0,15 | 0,16 | 0,18 |
| Pressure Drop in cooling mode | (1) | kPa | 4,7 | 10,7 | 7,3 | 15,0 | 12,2 |
| Total capacity (heating mode) | (2) | kW | 2,29 | 3,44 | 3,69 | 4,01 | 4,26 |
| Total Net Heating Capacity | (2)(6) | kW | 2,32 | 3,49 | 3,74 | 4,07 | 4,32 |
| Water flow in heating mode | (2) | l/s | 0,11 | 0,17 | 0,18 | 0,19 | 0,21 |
| Pressure drop in heating mode | (2) | kPa | 4,4 | 11,8 | 7,8 | 13,4 | 13,4 |
| Sound Pressure | (3) | dB(A) | 33 | 39 | 39 | 39 | 39 |
| Sound Power | (4)(7) | dB(A) | 42 | 48 | 48 | 48 | 48 |
| MED SPEED | | | | | | | |
| Fan Power Input | (1) | W | 46,0 | 86,0 | 86,0 | 105 | 105 |
| Air flow rate | (1) | m ³ /h | 538 | 720 | 760 | 851 | 899 |
| Total capacity in cooling mode | (1) | kW | 3,10 | 4,03 | 4,49 | 5,02 | 5,37 |
| Total Net Cooling Capacity | (1)(6)(7) | kW | 3,06 | 3,95 | 4,41 | 4,92 | 5,27 |
| Sensible capacity in cooling mode | (1) | kW | 2,42 | 3,37 | 3,72 | 4,21 | 4,43 |
| Net sensible cooling capacity | (1)(6)(7) | kW | 2,37 | 3,28 | 3,63 | 4,11 | 4,32 |
| Net latent power in cooling | (1)(6)(7) | kW | 0,68 | 0,66 | 0,77 | 0,81 | 0,94 |
| Max water flow | (1) | l/s | 0,15 | 0,19 | 0,21 | 0,24 | 0,26 |
| Pressure Drop in cooling mode | (1) | kPa | 8,5 | 18,5 | 13,2 | 29,2 | 24,2 |
| Total capacity (heating mode) | (2) | kW | 3,39 | 4,79 | 5,27 | 6,04 | 6,30 |
| Total Net Heating Capacity | (2)(6) | kW | 3,44 | 4,88 | 5,36 | 6,14 | 6,41 |
| Water flow in heating mode | (2) | l/s | 0,16 | 0,23 | 0,25 | 0,29 | 0,30 |
| Pressure drop in heating mode | (2) | kPa | 8,6 | 20,6 | 13,6 | 26,6 | 25,9 |
| Sound Pressure | (3) | dB(A) | 41 | 47 | 47 | 49 | 50 |
| Sound Power | (4)(7) | dB(A) | 50 | 56 | 56 | 58 | 59 |
| MAX SPEED | | | | | | | |
| Fan Power Input | (1) | W | 71,0 | 130 | 130 | 146 | 146 |
| Air flow rate | (1) | m ³ /h | 713 | 966 | 1019 | 1104 | 1166 |
| Total capacity in cooling mode | (1) | kW | 3,77 | 4,78 | 5,33 | 5,97 | 6,45 |
| Total Net Cooling Capacity | (1)(6)(7) | kW | 3,70 | 4,65 | 5,20 | 5,83 | 6,31 |
| Sensible capacity in cooling mode | (1) | kW | 2,97 | 4,08 | 4,53 | 5,07 | 5,39 |
| Net sensible cooling capacity | (1)(6)(7) | kW | 2,90 | 3,95 | 4,40 | 4,92 | 5,24 |
| Net latent power in cooling | (1)(6)(7) | kW | 0,80 | 0,70 | 0,80 | 0,90 | 1,06 |
| Max water flow | (1) | l/s | 0,18 | 0,23 | 0,25 | 0,29 | 0,31 |
| Pressure Drop in cooling mode | (1) | kPa | 12,0 | 25,0 | 17,8 | 39,6 | 33,7 |
| Total capacity (heating mode) | (2) | kW | 4,17 | 5,81 | 6,36 | 7,44 | 7,66 |
| Total Net Heating Capacity | (2)(6) | kW | 4,24 | 5,94 | 6,49 | 7,59 | 7,81 |
| Water flow in heating mode | (2) | l/s | 0,20 | 0,28 | 0,31 | 0,36 | 0,37 |
| Pressure drop in heating mode | (2) | kPa | 12,2 | 28,4 | 18,3 | 37,7 | 36,0 |
| Sound Pressure | (3) | dB(A) | 49 | 53 | 54 | 55 | 56 |
| Sound Power | (4)(7) | dB(A) | 58 | 62 | 63 | 64 | 65 |
| 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 | 21 | 23 | 24 | 27 | 28 |

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-LIFE3 / 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 | 34 | 41 | 42 | 50 | 64 |
| FCEER Class | | | E | E | E | E | D |
| HEATING ONLY (EN14511 VALUE) | | | | | | | |
| FCCOP | (2)(6) | kW/kW | 47 | 49 | 58 | 60 | 72 |
| FCCOP Class | | | E | E | E | E | D |
| PERFORMANCE | | | | | | | |
| MIN SPEED | | | | | | | |
| Fan Power Input | (1) | W | 20,0 | 20,0 | 25,0 | 25,0 | 26,0 |
| Air flow rate | (1) | m ³ /h | 186 | 197 | 239 | 252 | 346 |
| Total capacity in cooling mode | (1) | kW | 0,73 | 0,86 | 1,20 | 1,42 | 1,93 |
| Total Net Cooling Capacity | (1)(6)(7) | kW | 0,71 | 0,84 | 1,18 | 1,40 | 1,90 |
| Sensible capacity in cooling mode | (1) | kW | 0,62 | 0,69 | 1,02 | 1,14 | 1,46 |
| Net sensible cooling capacity | (1)(6)(7) | kW | 0,60 | 0,67 | 1,00 | 1,12 | 1,43 |
| Net latent power in cooling | (1)(6)(7) | kW | 0,11 | 0,17 | 0,18 | 0,28 | 0,47 |
| Max water flow | (1) | l/s | 0,03 | 0,04 | 0,06 | 0,07 | 0,09 |
| Pressure Drop in cooling mode | (1) | kPa | 0,5 | 4,6 | 1,6 | 8,4 | 4,0 |
| Total capacity (heating mode) | (2) | kW | 0,95 | 0,98 | 1,58 | 1,63 | 2,06 |
| Total Net Heating Capacity | (2)(6) | kW | 0,97 | 1,00 | 1,61 | 1,65 | 2,09 |
| Water flow in heating mode | (2) | l/s | 0,05 | 0,05 | 0,08 | 0,08 | 0,10 |
| Pressure drop in heating mode | (2) | kPa | 0,7 | 4,6 | 2,1 | 8,8 | 3,9 |
| Sound Pressure | (3) | dB(A) | 29 | 29 | 33 | 33 | 33 |
| Sound Power | (4)(7) | dB(A) | 38 | 38 | 42 | 42 | 42 |
| MED SPEED | | | | | | | |
| Fan Power Input | (1) | W | 31,0 | 31,0 | 43,0 | 43,0 | 46,0 |
| Air flow rate | (1) | m ³ /h | 261 | 276 | 365 | 385 | 509 |
| Total capacity in cooling mode | (1) | kW | 1,11 | 1,31 | 1,69 | 2,03 | 2,69 |
| Total Net Cooling Capacity | (1)(6)(7) | kW | 1,08 | 1,28 | 1,65 | 1,99 | 2,65 |
| Sensible capacity in cooling mode | (1) | kW | 0,96 | 1,06 | 1,49 | 1,65 | 2,10 |
| Net sensible cooling capacity | (1)(6)(7) | kW | 0,93 | 1,03 | 1,45 | 1,61 | 2,05 |
| Net latent power in cooling | (1)(6)(7) | kW | 0,15 | 0,25 | 0,20 | 0,38 | 0,59 |
| Max water flow | (1) | l/s | 0,05 | 0,06 | 0,08 | 0,10 | 0,13 |
| Pressure Drop in cooling mode | (1) | kPa | 0,9 | 9,7 | 2,9 | 14,7 | 7,2 |
| Total capacity (heating mode) | (2) | kW | 1,45 | 1,48 | 2,26 | 2,33 | 2,98 |
| Total Net Heating Capacity | (2)(6) | kW | 1,48 | 1,51 | 2,30 | 2,37 | 3,03 |
| Water flow in heating mode | (2) | l/s | 0,07 | 0,07 | 0,11 | 0,11 | 0,14 |
| Pressure drop in heating mode | (2) | kPa | 1,3 | 9,3 | 3,9 | 16,1 | 7,2 |
| Sound Pressure | (3) | dB(A) | 38 | 39 | 42 | 43 | 41 |
| Sound Power | (4)(7) | dB(A) | 47 | 48 | 51 | 52 | 50 |
| MAX SPEED | | | | | | | |
| Fan Power Input | (1) | W | 49,0 | 49,0 | 66,0 | 66,0 | 71,0 |
| Air flow rate | (1) | m ³ /h | 368 | 389 | 472 | 498 | 676 |
| Total capacity in cooling mode | (1) | kW | 1,41 | 1,65 | 2,11 | 2,48 | 3,27 |
| Total Net Cooling Capacity | (1)(6)(7) | kW | 1,36 | 1,60 | 2,04 | 2,42 | 3,20 |
| Sensible capacity in cooling mode | (1) | kW | 1,27 | 1,43 | 1,83 | 2,07 | 2,58 |
| Net sensible cooling capacity | (1)(6)(7) | kW | 1,22 | 1,38 | 1,76 | 2,00 | 2,51 |
| Net latent power in cooling | (1)(6)(7) | kW | 0,14 | 0,22 | 0,28 | 0,41 | 0,69 |
| Max water flow | (1) | l/s | 0,07 | 0,08 | 0,10 | 0,12 | 0,16 |
| Pressure Drop in cooling mode | (1) | kPa | 1,2 | 14,5 | 4,2 | 20,2 | 10,2 |
| Total capacity (heating mode) | (2) | kW | 1,85 | 1,92 | 2,75 | 2,88 | 3,68 |
| Total Net Heating Capacity | (2)(6) | kW | 1,90 | 1,97 | 2,82 | 2,95 | 3,75 |
| Water flow in heating mode | (2) | l/s | 0,09 | 0,09 | 0,13 | 0,14 | 0,18 |
| Pressure drop in heating mode | (2) | kPa | 1,9 | 14,4 | 5,4 | 23,1 | 10,3 |
| Sound Pressure | (3) | dB(A) | 45 | 46 | 48 | 49 | 48 |
| Sound Power | (4)(7) | dB(A) | 54 | 55 | 57 | 58 | 57 |
| 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

- 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-LIFE3 / 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 |
| 2 PIPES SYSTEM CONFIGURATION | | | | | | | |
| ENERGY EFFICIENCY | | | | | | | |
| COOLING (EN14511 VALUE) | | | | | | | |
| FCEER | (1)(6) | kW/kW | 74 | 52 | 57 | 50 | 54 |
| FCEER Class | | | D | E | D | E | E |
| HEATING ONLY (EN14511 VALUE) | | | | | | | |
| FCCOP | (2)(6) | kW/kW | 81 | 64 | 69 | 62 | 66 |
| FCCOP Class | | | D | E | E | E | E |
| PERFORMANCE | | | | | | | |
| MIN SPEED | | | | | | | |
| Fan Power Input | (1) | W | 26,0 | 48,0 | 48,0 | 61,0 | 61,0 |
| Air flow rate | (1) | m ³ /h | 365 | 477 | 504 | 537 | 567 |
| Total capacity in cooling mode | (1) | kW | 2,23 | 2,95 | 3,21 | 3,43 | 3,69 |
| Total Net Cooling Capacity | (1)(6)(7) | kW | 2,21 | 2,90 | 3,16 | 3,37 | 3,63 |
| Sensible capacity in cooling mode | (1) | kW | 1,65 | 2,44 | 2,58 | 2,70 | 2,96 |
| Net sensible cooling capacity | (1)(6)(7) | kW | 1,62 | 2,39 | 2,53 | 2,64 | 2,90 |
| Net latent power in cooling | (1)(6)(7) | kW | 0,58 | 0,51 | 0,63 | 0,73 | 0,73 |
| Max water flow | (1) | l/s | 0,11 | 0,14 | 0,15 | 0,16 | 0,18 |
| Pressure Drop in cooling mode | (1) | kPa | 4,7 | 10,7 | 7,3 | 15,0 | 12,2 |
| Total capacity (heating mode) | (2) | kW | 2,29 | 3,44 | 3,69 | 4,01 | 4,26 |
| Total Net Heating Capacity | (2)(6) | kW | 2,32 | 3,49 | 3,74 | 4,07 | 4,32 |
| Water flow in heating mode | (2) | l/s | 0,11 | 0,17 | 0,18 | 0,19 | 0,21 |
| Pressure drop in heating mode | (2) | kPa | 4,4 | 11,8 | 7,8 | 13,4 | 13,4 |
| Sound Pressure | (3) | dB(A) | 33 | 39 | 39 | 39 | 39 |
| Sound Power | (4)(7) | dB(A) | 42 | 48 | 48 | 48 | 48 |
| MED SPEED | | | | | | | |
| Fan Power Input | (1) | W | 46,0 | 86,0 | 86,0 | 105 | 105 |
| Air flow rate | (1) | m ³ /h | 538 | 720 | 760 | 851 | 899 |
| Total capacity in cooling mode | (1) | kW | 3,10 | 4,03 | 4,49 | 5,02 | 5,37 |
| Total Net Cooling Capacity | (1)(6)(7) | kW | 3,06 | 3,95 | 4,41 | 4,92 | 5,27 |
| Sensible capacity in cooling mode | (1) | kW | 2,42 | 3,37 | 3,72 | 4,21 | 4,43 |
| Net sensible cooling capacity | (1)(6)(7) | kW | 2,37 | 3,28 | 3,63 | 4,11 | 4,32 |
| Net latent power in cooling | (1)(6)(7) | kW | 0,68 | 0,66 | 0,77 | 0,81 | 0,94 |
| Max water flow | (1) | l/s | 0,15 | 0,19 | 0,21 | 0,24 | 0,26 |
| Pressure Drop in cooling mode | (1) | kPa | 8,5 | 18,5 | 13,2 | 29,2 | 24,2 |
| Total capacity (heating mode) | (2) | kW | 3,39 | 4,79 | 5,27 | 6,04 | 6,30 |
| Total Net Heating Capacity | (2)(6) | kW | 3,44 | 4,88 | 5,36 | 6,14 | 6,41 |
| Water flow in heating mode | (2) | l/s | 0,16 | 0,23 | 0,25 | 0,29 | 0,30 |
| Pressure drop in heating mode | (2) | kPa | 8,6 | 20,6 | 13,6 | 26,6 | 25,9 |
| Sound Pressure | (3) | dB(A) | 41 | 47 | 47 | 49 | 50 |
| Sound Power | (4)(7) | dB(A) | 50 | 56 | 56 | 58 | 59 |
| MAX SPEED | | | | | | | |
| Fan Power Input | (1) | W | 71,0 | 130 | 130 | 146 | 146 |
| Air flow rate | (1) | m ³ /h | 713 | 966 | 1019 | 1104 | 1166 |
| Total capacity in cooling mode | (1) | kW | 3,77 | 4,78 | 5,33 | 5,97 | 6,45 |
| Total Net Cooling Capacity | (1)(6)(7) | kW | 3,70 | 4,65 | 5,20 | 5,83 | 6,31 |
| Sensible capacity in cooling mode | (1) | kW | 2,97 | 4,08 | 4,53 | 5,07 | 5,39 |
| Net sensible cooling capacity | (1)(6)(7) | kW | 2,90 | 3,95 | 4,40 | 4,92 | 5,24 |
| Net latent power in cooling | (1)(6)(7) | kW | 0,80 | 0,70 | 0,80 | 0,90 | 1,06 |
| Max water flow | (1) | l/s | 0,18 | 0,23 | 0,25 | 0,29 | 0,31 |
| Pressure Drop in cooling mode | (1) | kPa | 12,0 | 25,0 | 17,8 | 39,6 | 33,7 |
| Total capacity (heating mode) | (2) | kW | 4,17 | 5,81 | 6,36 | 7,44 | 7,66 |
| Total Net Heating Capacity | (2)(6) | kW | 4,24 | 5,94 | 6,49 | 7,59 | 7,81 |
| Water flow in heating mode | (2) | l/s | 0,20 | 0,28 | 0,31 | 0,36 | 0,37 |
| Pressure drop in heating mode | (2) | kPa | 12,2 | 28,4 | 18,3 | 37,7 | 36,0 |
| Sound Pressure | (3) | dB(A) | 49 | 53 | 54 | 55 | 56 |
| Sound Power | (4)(7) | dB(A) | 58 | 62 | 63 | 64 | 65 |
| 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

- 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-LIFE3 / 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 | 34 | 41 | 42 | 50 | 64 |
| FCEER Class | | | E | E | E | E | D |
| HEATING ONLY (EN14511 VALUE) | | | | | | | |
| FCCOP | (2)(6) | kW/kW | 47 | 49 | 58 | 60 | 72 |
| FCCOP Class | | | E | E | E | E | D |
| PERFORMANCE | | | | | | | |
| MIN SPEED | | | | | | | |
| Fan Power Input | (1) | W | 20,0 | 20,0 | 25,0 | 25,0 | 26,0 |
| Air flow rate | (1) | m ³ /h | 186 | 197 | 239 | 252 | 346 |
| Total capacity in cooling mode | (1) | kW | 0,73 | 0,86 | 1,20 | 1,42 | 1,93 |
| Total Net Cooling Capacity | (1)(6)(7) | kW | 0,71 | 0,84 | 1,18 | 1,40 | 1,90 |
| Sensible capacity in cooling mode | (1) | kW | 0,62 | 0,69 | 1,02 | 1,14 | 1,46 |
| Net sensible cooling capacity | (1)(6)(7) | kW | 0,60 | 0,67 | 1,00 | 1,12 | 1,43 |
| Net latent power in cooling | (1)(6)(7) | kW | 0,11 | 0,17 | 0,18 | 0,28 | 0,47 |
| Max water flow | (1) | l/s | 0,03 | 0,04 | 0,06 | 0,07 | 0,09 |
| Pressure Drop in cooling mode | (1) | kPa | 0,5 | 4,6 | 1,6 | 8,4 | 4,0 |
| Total capacity (heating mode) | (2) | kW | 0,95 | 0,98 | 1,58 | 1,63 | 2,06 |
| Total Net Heating Capacity | (2)(6) | kW | 0,97 | 1,00 | 1,61 | 1,65 | 2,09 |
| Water flow in heating mode | (2) | l/s | 0,05 | 0,05 | 0,08 | 0,08 | 0,10 |
| Pressure drop in heating mode | (2) | kPa | 0,7 | 4,6 | 2,1 | 8,8 | 3,9 |
| Sound Pressure | (3) | dB(A) | 29 | 29 | 33 | 33 | 33 |
| Sound Power | (4)(7) | dB(A) | 38 | 38 | 42 | 42 | 42 |
| MED SPEED | | | | | | | |
| Fan Power Input | (1) | W | 31,0 | 31,0 | 43,0 | 43,0 | 46,0 |
| Air flow rate | (1) | m ³ /h | 261 | 276 | 365 | 385 | 509 |
| Total capacity in cooling mode | (1) | kW | 1,11 | 1,31 | 1,69 | 2,03 | 2,69 |
| Total Net Cooling Capacity | (1)(6)(7) | kW | 1,08 | 1,28 | 1,65 | 1,99 | 2,65 |
| Sensible capacity in cooling mode | (1) | kW | 0,96 | 1,06 | 1,49 | 1,65 | 2,10 |
| Net sensible cooling capacity | (1)(6)(7) | kW | 0,93 | 1,03 | 1,45 | 1,61 | 2,05 |
| Net latent power in cooling | (1)(6)(7) | kW | 0,15 | 0,25 | 0,20 | 0,38 | 0,59 |
| Max water flow | (1) | l/s | 0,05 | 0,06 | 0,08 | 0,10 | 0,13 |
| Pressure Drop in cooling mode | (1) | kPa | 0,9 | 9,7 | 2,9 | 14,7 | 7,2 |
| Total capacity (heating mode) | (2) | kW | 1,45 | 1,48 | 2,26 | 2,33 | 2,98 |
| Total Net Heating Capacity | (2)(6) | kW | 1,48 | 1,51 | 2,30 | 2,37 | 3,03 |
| Water flow in heating mode | (2) | l/s | 0,07 | 0,07 | 0,11 | 0,11 | 0,14 |
| Pressure drop in heating mode | (2) | kPa | 1,3 | 9,3 | 3,9 | 16,1 | 7,2 |
| Sound Pressure | (3) | dB(A) | 38 | 39 | 42 | 43 | 41 |
| Sound Power | (4)(7) | dB(A) | 47 | 48 | 51 | 52 | 50 |
| MAX SPEED | | | | | | | |
| Fan Power Input | (1) | W | 49,0 | 49,0 | 66,0 | 66,0 | 71,0 |
| Air flow rate | (1) | m ³ /h | 368 | 389 | 472 | 498 | 676 |
| Total capacity in cooling mode | (1) | kW | 1,41 | 1,65 | 2,11 | 2,48 | 3,27 |
| Total Net Cooling Capacity | (1)(6)(7) | kW | 1,36 | 1,60 | 2,04 | 2,42 | 3,20 |
| Sensible capacity in cooling mode | (1) | kW | 1,27 | 1,43 | 1,83 | 2,07 | 2,58 |
| Net sensible cooling capacity | (1)(6)(7) | kW | 1,22 | 1,38 | 1,76 | 2,00 | 2,51 |
| Net latent power in cooling | (1)(6)(7) | kW | 0,14 | 0,22 | 0,28 | 0,41 | 0,69 |
| Max water flow | (1) | l/s | 0,07 | 0,08 | 0,10 | 0,12 | 0,16 |
| Pressure Drop in cooling mode | (1) | kPa | 1,2 | 14,5 | 4,2 | 20,2 | 10,2 |
| Total capacity (heating mode) | (2) | kW | 1,85 | 1,92 | 2,75 | 2,88 | 3,68 |
| Total Net Heating Capacity | (2)(6) | kW | 1,90 | 1,97 | 2,82 | 2,95 | 3,75 |
| Water flow in heating mode | (2) | l/s | 0,09 | 0,09 | 0,13 | 0,14 | 0,18 |
| Pressure drop in heating mode | (2) | kPa | 1,9 | 14,4 | 5,4 | 23,1 | 10,3 |
| Sound Pressure | (3) | dB(A) | 45 | 46 | 48 | 49 | 48 |
| Sound Power | (4)(7) | dB(A) | 54 | 55 | 57 | 58 | 57 |
| 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
- 7 Values in compliance with [REGULATION (EU) N. 2016/2281]

Certified data in EUROVENT

| a-LIFE3 / 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 | 74 | 52 | 57 | 50 | 54 |
| FCEER Class | | | D | E | D | E | E |
| HEATING ONLY (EN14511 VALUE) | | | | | | | |
| FCCOP | (2)(6) | kW/kW | 81 | 64 | 69 | 62 | 66 |
| FCCOP Class | | | D | E | E | E | E |
| PERFORMANCE | | | | | | | |
| MIN SPEED | | | | | | | |
| Fan Power Input | (1) | W | 26,0 | 48,0 | 48,0 | 61,0 | 61,0 |
| Air flow rate | (1) | m ³ /h | 365 | 477 | 504 | 537 | 567 |
| Total capacity in cooling mode | (1) | kW | 2,23 | 2,95 | 3,21 | 3,43 | 3,69 |
| Total Net Cooling Capacity | (1)(6)(7) | kW | 2,21 | 2,90 | 3,16 | 3,37 | 3,63 |
| Sensible capacity in cooling mode | (1) | kW | 1,65 | 2,44 | 2,58 | 2,70 | 2,96 |
| Net sensible cooling capacity | (1)(6)(7) | kW | 1,62 | 2,39 | 2,53 | 2,64 | 2,90 |
| Net latent power in cooling | (1)(6)(7) | kW | 0,58 | 0,51 | 0,63 | 0,73 | 0,73 |
| Max water flow | (1) | l/s | 0,11 | 0,14 | 0,15 | 0,16 | 0,18 |
| Pressure Drop in cooling mode | (1) | kPa | 4,7 | 10,7 | 7,3 | 15,0 | 12,2 |
| Total capacity (heating mode) | (2) | kW | 2,29 | 3,44 | 3,69 | 4,01 | 4,26 |
| Total Net Heating Capacity | (2)(6) | kW | 2,32 | 3,49 | 3,74 | 4,07 | 4,32 |
| Water flow in heating mode | (2) | l/s | 0,11 | 0,17 | 0,18 | 0,19 | 0,21 |
| Pressure drop in heating mode | (2) | kPa | 4,4 | 11,8 | 7,8 | 13,4 | 13,4 |
| Sound Pressure | (3) | dB(A) | 33 | 39 | 39 | 39 | 39 |
| Sound Power | (4)(7) | dB(A) | 42 | 48 | 48 | 48 | 48 |
| MED SPEED | | | | | | | |
| Fan Power Input | (1) | W | 46,0 | 86,0 | 86,0 | 105 | 105 |
| Air flow rate | (1) | m ³ /h | 538 | 720 | 760 | 851 | 899 |
| Total capacity in cooling mode | (1) | kW | 3,10 | 4,03 | 4,49 | 5,02 | 5,37 |
| Total Net Cooling Capacity | (1)(6)(7) | kW | 3,06 | 3,95 | 4,41 | 4,92 | 5,27 |
| Sensible capacity in cooling mode | (1) | kW | 2,42 | 3,37 | 3,72 | 4,21 | 4,43 |
| Net sensible cooling capacity | (1)(6)(7) | kW | 2,37 | 3,28 | 3,63 | 4,11 | 4,32 |
| Net latent power in cooling | (1)(6)(7) | kW | 0,68 | 0,66 | 0,77 | 0,81 | 0,94 |
| Max water flow | (1) | l/s | 0,15 | 0,19 | 0,21 | 0,24 | 0,26 |
| Pressure Drop in cooling mode | (1) | kPa | 8,5 | 18,5 | 13,2 | 29,2 | 24,2 |
| Total capacity (heating mode) | (2) | kW | 3,39 | 4,79 | 5,27 | 6,04 | 6,30 |
| Total Net Heating Capacity | (2)(6) | kW | 3,44 | 4,88 | 5,36 | 6,14 | 6,41 |
| Water flow in heating mode | (2) | l/s | 0,16 | 0,23 | 0,25 | 0,29 | 0,30 |
| Pressure drop in heating mode | (2) | kPa | 8,6 | 20,6 | 13,6 | 26,6 | 25,9 |
| Sound Pressure | (3) | dB(A) | 41 | 47 | 47 | 49 | 50 |
| Sound Power | (4)(7) | dB(A) | 50 | 56 | 56 | 58 | 59 |
| MAX SPEED | | | | | | | |
| Fan Power Input | (1) | W | 71,0 | 130 | 130 | 146 | 146 |
| Air flow rate | (1) | m ³ /h | 713 | 966 | 1019 | 1104 | 1166 |
| Total capacity in cooling mode | (1) | kW | 3,77 | 4,78 | 5,33 | 5,97 | 6,45 |
| Total Net Cooling Capacity | (1)(6)(7) | kW | 3,70 | 4,65 | 5,20 | 5,83 | 6,31 |
| Sensible capacity in cooling mode | (1) | kW | 2,97 | 4,08 | 4,53 | 5,07 | 5,39 |
| Net sensible cooling capacity | (1)(6)(7) | kW | 2,90 | 3,95 | 4,40 | 4,92 | 5,24 |
| Net latent power in cooling | (1)(6)(7) | kW | 0,80 | 0,70 | 0,80 | 0,90 | 1,06 |
| Max water flow | (1) | l/s | 0,18 | 0,23 | 0,25 | 0,29 | 0,31 |
| Pressure Drop in cooling mode | (1) | kPa | 12,0 | 25,0 | 17,8 | 39,6 | 33,7 |
| Total capacity (heating mode) | (2) | kW | 4,17 | 5,81 | 6,36 | 7,44 | 7,66 |
| Total Net Heating Capacity | (2)(6) | kW | 4,24 | 5,94 | 6,49 | 7,59 | 7,81 |
| Water flow in heating mode | (2) | l/s | 0,20 | 0,28 | 0,31 | 0,36 | 0,37 |
| Pressure drop in heating mode | (2) | kPa | 12,2 | 28,4 | 18,3 | 37,7 | 36,0 |
| Sound Pressure | (3) | dB(A) | 49 | 53 | 54 | 55 | 56 |
| Sound Power | (4)(7) | dB(A) | 58 | 62 | 63 | 64 | 65 |
| 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 | 31 | 32 | 36 | 37 |

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-LIFE3 / 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 | 34 | 41 | 42 | 50 | 64 |
| FCEER Class | | | E | E | E | E | D |
| HEATING ONLY (EN14511 VALUE) | | | | | | | |
| FCCOP | (2)(6) | kW/kW | 44 | 45 | 49 | 51 | 69 |
| FCCOP Class | | | E | E | E | E | E |
| PERFORMANCE | | | | | | | |
| MIN SPEED | | | | | | | |
| Fan Power Input | (1) | W | 20,0 | 20,0 | 25,0 | 25,0 | 26,0 |
| Air flow rate | (1) | m ³ /h | 186 | 197 | 239 | 252 | 346 |
| Total capacity in cooling mode | (1) | kW | 0,73 | 0,86 | 1,20 | 1,42 | 1,93 |
| Total Net Cooling Capacity | (1)(6)(7) | kW | 0,71 | 0,84 | 1,18 | 1,40 | 1,90 |
| Sensible capacity in cooling mode | (1) | kW | 0,62 | 0,69 | 1,02 | 1,14 | 1,46 |
| Net sensible cooling capacity | (1)(6)(7) | kW | 0,60 | 0,67 | 1,00 | 1,12 | 1,43 |
| Net latent power in cooling | (1)(6)(7) | kW | 0,11 | 0,17 | 0,18 | 0,28 | 0,47 |
| Max water flow | (1) | l/s | 0,03 | 0,04 | 0,06 | 0,07 | 0,09 |
| Pressure Drop in cooling mode | (1) | kPa | 0,5 | 4,6 | 1,6 | 8,4 | 4,0 |
| Total capacity (heating mode) | (2) | kW | 0,93 | 0,97 | 1,35 | 1,41 | 2,01 |
| Total Net Heating Capacity | (2)(6) | kW | 0,95 | 0,99 | 1,37 | 1,43 | 2,04 |
| Water flow in heating mode | (2) | l/s | 0,02 | 0,02 | 0,03 | 0,03 | 0,05 |
| Pressure drop in heating mode | (2) | kPa | 4,1 | 4,4 | 5,1 | 5,5 | 9,2 |
| Sound Pressure | (3) | dB(A) | 29 | 29 | 33 | 33 | 33 |
| Sound Power | (4)(7) | dB(A) | 38 | 38 | 42 | 42 | 42 |
| MED SPEED | | | | | | | |
| Fan Power Input | (1) | W | 31,0 | 31,0 | 43,0 | 43,0 | 46,0 |
| Air flow rate | (1) | m ³ /h | 261 | 276 | 365 | 385 | 509 |
| Total capacity in cooling mode | (1) | kW | 1,11 | 1,31 | 1,69 | 2,03 | 2,69 |
| Total Net Cooling Capacity | (1)(6)(7) | kW | 1,08 | 1,28 | 1,65 | 1,99 | 2,65 |
| Sensible capacity in cooling mode | (1) | kW | 0,96 | 1,06 | 1,49 | 1,65 | 2,10 |
| Net sensible cooling capacity | (1)(6)(7) | kW | 0,93 | 1,03 | 1,45 | 1,61 | 2,05 |
| Net latent power in cooling | (1)(6)(7) | kW | 0,15 | 0,25 | 0,20 | 0,38 | 0,59 |
| Max water flow | (1) | l/s | 0,05 | 0,06 | 0,08 | 0,10 | 0,13 |
| Pressure Drop in cooling mode | (1) | kPa | 0,9 | 9,7 | 2,9 | 14,7 | 7,2 |
| Total capacity (heating mode) | (2) | kW | 1,21 | 1,24 | 1,85 | 1,93 | 2,70 |
| Total Net Heating Capacity | (2)(6) | kW | 1,24 | 1,27 | 1,89 | 1,97 | 2,75 |
| Water flow in heating mode | (2) | l/s | 0,03 | 0,03 | 0,04 | 0,05 | 0,07 |
| Pressure drop in heating mode | (2) | kPa | 6,3 | 6,5 | 8,6 | 9,3 | 15,0 |
| Sound Pressure | (3) | dB(A) | 38 | 39 | 42 | 43 | 41 |
| Sound Power | (4)(7) | dB(A) | 47 | 48 | 51 | 52 | 50 |
| MAX SPEED | | | | | | | |
| Fan Power Input | (1) | W | 49,0 | 49,0 | 66,0 | 66,0 | 71,0 |
| Air flow rate | (1) | m ³ /h | 368 | 389 | 472 | 498 | 676 |
| Total capacity in cooling mode | (1) | kW | 1,41 | 1,65 | 2,11 | 2,48 | 3,27 |
| Total Net Cooling Capacity | (1)(6)(7) | kW | 1,36 | 1,60 | 2,04 | 2,42 | 3,20 |
| Sensible capacity in cooling mode | (1) | kW | 1,27 | 1,43 | 1,83 | 2,07 | 2,58 |
| Net sensible cooling capacity | (1)(6)(7) | kW | 1,22 | 1,38 | 1,76 | 2,00 | 2,51 |
| Net latent power in cooling | (1)(6)(7) | kW | 0,14 | 0,22 | 0,28 | 0,41 | 0,69 |
| Max water flow | (1) | l/s | 0,07 | 0,08 | 0,10 | 0,12 | 0,16 |
| Pressure Drop in cooling mode | (1) | kPa | 1,2 | 14,5 | 4,2 | 20,2 | 10,2 |
| Total capacity (heating mode) | (2) | kW | 1,55 | 1,60 | 2,23 | 2,33 | 3,33 |
| Total Net Heating Capacity | (2)(6) | kW | 1,60 | 1,65 | 2,30 | 2,40 | 3,40 |
| Water flow in heating mode | (2) | l/s | 0,04 | 0,04 | 0,05 | 0,06 | 0,08 |
| Pressure drop in heating mode | (2) | kPa | 9,4 | 9,9 | 11,8 | 12,7 | 21,2 |
| Sound Pressure | (3) | dB(A) | 45 | 46 | 48 | 49 | 48 |
| Sound Power | (4)(7) | dB(A) | 54 | 55 | 57 | 58 | 57 |
| 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 | 15 | 15 | 21 |

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-LIFE3 / 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 |
| 4 PIPES SYSTEM CONFIGURATION | | | | | | | |
| ENERGY EFFICIENCY | | | | | | | |
| COOLING (EN14511 VALUE) | | | | | | | |
| FCEER | (1)(6) | kW/kW | 74 | 52 | 57 | 50 | 54 |
| FCEER Class | | | D | E | D | E | E |
| HEATING ONLY (EN14511 VALUE) | | | | | | | |
| FCCOP | (2)(6) | kW/kW | 73 | 49 | 51 | 49 | 50 |
| FCCOP Class | | | D | E | E | E | E |
| PERFORMANCE | | | | | | | |
| MIN SPEED | | | | | | | |
| Fan Power Input | (1) | W | 26,0 | 48,0 | 48,0 | 61,0 | 61,0 |
| Air flow rate | (1) | m ³ /h | 365 | 477 | 504 | 537 | 567 |
| Total capacity in cooling mode | (1) | kW | 2,23 | 2,95 | 3,21 | 3,43 | 3,69 |
| Total Net Cooling Capacity | (1)(6)(7) | kW | 2,21 | 2,90 | 3,16 | 3,37 | 3,63 |
| Sensible capacity in cooling mode | (1) | kW | 1,65 | 2,44 | 2,58 | 2,70 | 2,96 |
| Net sensible cooling capacity | (1)(6)(7) | kW | 1,62 | 2,39 | 2,53 | 2,64 | 2,90 |
| Net latent power in cooling | (1)(6)(7) | kW | 0,58 | 0,51 | 0,63 | 0,73 | 0,73 |
| Max water flow | (1) | l/s | 0,11 | 0,14 | 0,15 | 0,16 | 0,18 |
| Pressure Drop in cooling mode | (1) | kPa | 4,7 | 10,7 | 7,3 | 15,0 | 12,2 |
| Total capacity (heating mode) | (2) | kW | 2,13 | 2,64 | 2,76 | 3,18 | 3,29 |
| Total Net Heating Capacity | (2)(6) | kW | 2,16 | 2,69 | 2,81 | 3,24 | 3,35 |
| 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 | 10,1 | 3,9 | 4,2 | 4,9 | 5,2 |
| Sound Pressure | (3) | dB(A) | 33 | 39 | 39 | 39 | 39 |
| Sound Power | (4)(7) | dB(A) | 42 | 48 | 48 | 48 | 48 |
| MED SPEED | | | | | | | |
| Fan Power Input | (1) | W | 46,0 | 86,0 | 86,0 | 105 | 105 |
| Air flow rate | (1) | m ³ /h | 538 | 720 | 760 | 851 | 899 |
| Total capacity in cooling mode | (1) | kW | 3,10 | 4,03 | 4,49 | 5,02 | 5,37 |
| Total Net Cooling Capacity | (1)(6)(7) | kW | 3,06 | 3,95 | 4,41 | 4,92 | 5,27 |
| Sensible capacity in cooling mode | (1) | kW | 2,42 | 3,37 | 3,72 | 4,21 | 4,43 |
| Net sensible cooling capacity | (1)(6)(7) | kW | 2,37 | 3,28 | 3,63 | 4,11 | 4,32 |
| Net latent power in cooling | (1)(6)(7) | kW | 0,68 | 0,66 | 0,77 | 0,81 | 0,94 |
| Max water flow | (1) | l/s | 0,15 | 0,19 | 0,21 | 0,24 | 0,26 |
| Pressure Drop in cooling mode | (1) | kPa | 8,5 | 18,5 | 13,2 | 29,2 | 24,2 |
| Total capacity (heating mode) | (2) | kW | 2,86 | 3,59 | 3,75 | 4,50 | 4,66 |
| Total Net Heating Capacity | (2)(6) | kW | 2,90 | 3,68 | 3,84 | 4,61 | 4,76 |
| Water flow in heating mode | (2) | l/s | 0,07 | 0,09 | 0,09 | 0,11 | 0,11 |
| Pressure drop in heating mode | (2) | kPa | 16,4 | 6,5 | 7,0 | 8,8 | 9,3 |
| Sound Pressure | (3) | dB(A) | 41 | 47 | 47 | 49 | 50 |
| Sound Power | (4)(7) | dB(A) | 50 | 56 | 56 | 58 | 59 |
| MAX SPEED | | | | | | | |
| Fan Power Input | (1) | W | 71,0 | 130 | 130 | 146 | 146 |
| Air flow rate | (1) | m ³ /h | 713 | 966 | 1019 | 1104 | 1166 |
| Total capacity in cooling mode | (1) | kW | 3,77 | 4,78 | 5,33 | 5,97 | 6,45 |
| Total Net Cooling Capacity | (1)(6)(7) | kW | 3,70 | 4,65 | 5,20 | 5,83 | 6,31 |
| Sensible capacity in cooling mode | (1) | kW | 2,97 | 4,08 | 4,53 | 5,07 | 5,39 |
| Net sensible cooling capacity | (1)(6)(7) | kW | 2,90 | 3,95 | 4,40 | 4,92 | 5,24 |
| Net latent power in cooling | (1)(6)(7) | kW | 0,80 | 0,70 | 0,80 | 0,90 | 1,06 |
| Max water flow | (1) | l/s | 0,18 | 0,23 | 0,25 | 0,29 | 0,31 |
| Pressure Drop in cooling mode | (1) | kPa | 12,0 | 25,0 | 17,8 | 39,6 | 33,7 |
| Total capacity (heating mode) | (2) | kW | 3,53 | 4,47 | 4,67 | 5,45 | 5,65 |
| Total Net Heating Capacity | (2)(6) | kW | 3,60 | 4,60 | 4,80 | 5,60 | 5,80 |
| Water flow in heating mode | (2) | l/s | 0,09 | 0,11 | 0,11 | 0,13 | 0,14 |
| Pressure drop in heating mode | (2) | kPa | 23,4 | 9,4 | 10,1 | 12,1 | 12,9 |
| Sound Pressure | (3) | dB(A) | 49 | 53 | 54 | 55 | 56 |
| Sound Power | (4)(7) | dB(A) | 58 | 62 | 63 | 64 | 65 |
| 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 | 26 | 28 | 30 |

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-LIFE3 / 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 | 34 | 41 | 42 | 50 | 64 |
| FCEER Class | | | E | E | E | E | D |
| HEATING ONLY (EN14511 VALUE) | | | | | | | |
| FCCOP | (2)(6) | kW/kW | 44 | 45 | 49 | 51 | 69 |
| FCCOP Class | | | E | E | E | E | E |
| PERFORMANCE | | | | | | | |
| MIN SPEED | | | | | | | |
| Fan Power Input | (1) | W | 20,0 | 20,0 | 25,0 | 25,0 | 26,0 |
| Air flow rate | (1) | m ³ /h | 186 | 197 | 239 | 252 | 346 |
| Total capacity in cooling mode | (1) | kW | 0,73 | 0,86 | 1,20 | 1,42 | 1,93 |
| Total Net Cooling Capacity | (1)(6)(7) | kW | 0,71 | 0,84 | 1,18 | 1,40 | 1,90 |
| Sensible capacity in cooling mode | (1) | kW | 0,62 | 0,69 | 1,02 | 1,14 | 1,46 |
| Net sensible cooling capacity | (1)(6)(7) | kW | 0,60 | 0,67 | 1,00 | 1,12 | 1,43 |
| Net latent power in cooling | (1)(6)(7) | kW | 0,11 | 0,17 | 0,18 | 0,28 | 0,47 |
| Max water flow | (1) | l/s | 0,03 | 0,04 | 0,06 | 0,07 | 0,09 |
| Pressure Drop in cooling mode | (1) | kPa | 0,5 | 4,6 | 1,6 | 8,4 | 4,0 |
| Total capacity (heating mode) | (2) | kW | 0,93 | 0,97 | 1,35 | 1,41 | 2,01 |
| Total Net Heating Capacity | (2)(6) | kW | 0,95 | 0,99 | 1,37 | 1,43 | 2,04 |
| Water flow in heating mode | (2) | l/s | 0,02 | 0,02 | 0,03 | 0,03 | 0,05 |
| Pressure drop in heating mode | (2) | kPa | 4,1 | 4,4 | 5,1 | 5,5 | 9,2 |
| Sound Pressure | (3) | dB(A) | 29 | 29 | 33 | 33 | 33 |
| Sound Power | (4)(7) | dB(A) | 38 | 38 | 42 | 42 | 42 |
| MED SPEED | | | | | | | |
| Fan Power Input | (1) | W | 31,0 | 31,0 | 43,0 | 43,0 | 46,0 |
| Air flow rate | (1) | m ³ /h | 261 | 276 | 365 | 385 | 509 |
| Total capacity in cooling mode | (1) | kW | 1,11 | 1,31 | 1,69 | 2,03 | 2,69 |
| Total Net Cooling Capacity | (1)(6)(7) | kW | 1,08 | 1,28 | 1,65 | 1,99 | 2,65 |
| Sensible capacity in cooling mode | (1) | kW | 0,96 | 1,06 | 1,49 | 1,65 | 2,10 |
| Net sensible cooling capacity | (1)(6)(7) | kW | 0,93 | 1,03 | 1,45 | 1,61 | 2,05 |
| Net latent power in cooling | (1)(6)(7) | kW | 0,15 | 0,25 | 0,20 | 0,38 | 0,59 |
| Max water flow | (1) | l/s | 0,05 | 0,06 | 0,08 | 0,10 | 0,13 |
| Pressure Drop in cooling mode | (1) | kPa | 0,9 | 9,7 | 2,9 | 14,7 | 7,2 |
| Total capacity (heating mode) | (2) | kW | 1,21 | 1,24 | 1,85 | 1,93 | 2,70 |
| Total Net Heating Capacity | (2)(6) | kW | 1,24 | 1,27 | 1,89 | 1,97 | 2,75 |
| Water flow in heating mode | (2) | l/s | 0,03 | 0,03 | 0,04 | 0,05 | 0,07 |
| Pressure drop in heating mode | (2) | kPa | 6,3 | 6,5 | 8,6 | 9,3 | 15,0 |
| Sound Pressure | (3) | dB(A) | 38 | 39 | 42 | 43 | 41 |
| Sound Power | (4)(7) | dB(A) | 47 | 48 | 51 | 52 | 50 |
| MAX SPEED | | | | | | | |
| Fan Power Input | (1) | W | 49,0 | 49,0 | 66,0 | 66,0 | 71,0 |
| Air flow rate | (1) | m ³ /h | 368 | 389 | 472 | 498 | 676 |
| Total capacity in cooling mode | (1) | kW | 1,41 | 1,65 | 2,11 | 2,48 | 3,27 |
| Total Net Cooling Capacity | (1)(6)(7) | kW | 1,36 | 1,60 | 2,04 | 2,42 | 3,20 |
| Sensible capacity in cooling mode | (1) | kW | 1,27 | 1,43 | 1,83 | 2,07 | 2,58 |
| Net sensible cooling capacity | (1)(6)(7) | kW | 1,22 | 1,38 | 1,76 | 2,00 | 2,51 |
| Net latent power in cooling | (1)(6)(7) | kW | 0,14 | 0,22 | 0,28 | 0,41 | 0,69 |
| Max water flow | (1) | l/s | 0,07 | 0,08 | 0,10 | 0,12 | 0,16 |
| Pressure Drop in cooling mode | (1) | kPa | 1,2 | 14,5 | 4,2 | 20,2 | 10,2 |
| Total capacity (heating mode) | (2) | kW | 1,55 | 1,60 | 2,23 | 2,33 | 3,33 |
| Total Net Heating Capacity | (2)(6) | kW | 1,60 | 1,65 | 2,30 | 2,40 | 3,40 |
| Water flow in heating mode | (2) | l/s | 0,04 | 0,04 | 0,05 | 0,06 | 0,08 |
| Pressure drop in heating mode | (2) | kPa | 9,4 | 9,9 | 11,8 | 12,7 | 21,2 |
| Sound Pressure | (3) | dB(A) | 45 | 46 | 48 | 49 | 48 |
| Sound Power | (4)(7) | dB(A) | 54 | 55 | 57 | 58 | 57 |
| 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

- 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-LIFE3 / 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 | 74 | 52 | 57 | 50 | 54 |
| FCEER Class | | | D | E | D | E | E |
| HEATING ONLY (EN14511 VALUE) | | | | | | | |
| FCCOP | (2)(6) | kW/kW | 73 | 49 | 51 | 49 | 50 |
| FCCOP Class | | | D | E | E | E | E |
| PERFORMANCE | | | | | | | |
| MIN SPEED | | | | | | | |
| Fan Power Input | (1) | W | 26,0 | 48,0 | 48,0 | 61,0 | 61,0 |
| Air flow rate | (1) | m³/h | 365 | 477 | 504 | 537 | 567 |
| Total capacity in cooling mode | (1) | kW | 2,23 | 2,95 | 3,21 | 3,43 | 3,69 |
| Total Net Cooling Capacity | (1)(6)(7) | kW | 2,21 | 2,90 | 3,16 | 3,37 | 3,63 |
| Sensible capacity in cooling mode | (1) | kW | 1,65 | 2,44 | 2,58 | 2,70 | 2,96 |
| Net sensible cooling capacity | (1)(6)(7) | kW | 1,62 | 2,39 | 2,53 | 2,64 | 2,90 |
| Net latent power in cooling | (1)(6)(7) | kW | 0,58 | 0,51 | 0,63 | 0,73 | 0,73 |
| Max water flow | (1) | l/s | 0,11 | 0,14 | 0,15 | 0,16 | 0,18 |
| Pressure Drop in cooling mode | (1) | kPa | 4,7 | 10,7 | 7,3 | 15,0 | 12,2 |
| Total capacity (heating mode) | (2) | kW | 2,13 | 2,64 | 2,76 | 3,18 | 3,29 |
| Total Net Heating Capacity | (2)(6) | kW | 2,16 | 2,69 | 2,81 | 3,24 | 3,35 |
| 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 | 10,1 | 3,9 | 4,2 | 4,9 | 2,7 |
| Sound Pressure | (3) | dB(A) | 33 | 39 | 39 | 39 | 39 |
| Sound Power | (4)(7) | dB(A) | 42 | 48 | 48 | 48 | 48 |
| MED SPEED | | | | | | | |
| Fan Power Input | (1) | W | 46,0 | 86,0 | 86,0 | 105 | 105 |
| Air flow rate | (1) | m³/h | 538 | 720 | 760 | 851 | 899 |
| Total capacity in cooling mode | (1) | kW | 3,10 | 4,03 | 4,49 | 5,02 | 5,37 |
| Total Net Cooling Capacity | (1)(6)(7) | kW | 3,06 | 3,95 | 4,41 | 4,92 | 5,27 |
| Sensible capacity in cooling mode | (1) | kW | 2,42 | 3,37 | 3,72 | 4,21 | 4,43 |
| Net sensible cooling capacity | (1)(6)(7) | kW | 2,37 | 3,28 | 3,63 | 4,11 | 4,32 |
| Net latent power in cooling | (1)(6)(7) | kW | 0,68 | 0,66 | 0,77 | 0,81 | 0,94 |
| Max water flow | (1) | l/s | 0,15 | 0,19 | 0,21 | 0,24 | 0,26 |
| Pressure Drop in cooling mode | (1) | kPa | 8,5 | 18,5 | 13,2 | 29,2 | 24,2 |
| Total capacity (heating mode) | (2) | kW | 2,86 | 3,59 | 3,75 | 4,50 | 4,66 |
| Total Net Heating Capacity | (2)(6) | kW | 2,91 | 3,68 | 3,84 | 4,61 | 4,76 |
| Water flow in heating mode | (2) | l/s | 0,07 | 0,09 | 0,09 | 0,11 | 0,11 |
| Pressure drop in heating mode | (2) | kPa | 16,5 | 6,5 | 7,0 | 8,8 | 4,9 |
| Sound Pressure | (3) | dB(A) | 41 | 47 | 47 | 49 | 50 |
| Sound Power | (4)(7) | dB(A) | 50 | 56 | 56 | 58 | 59 |
| MAX SPEED | | | | | | | |
| Fan Power Input | (1) | W | 71,0 | 130 | 130 | 146 | 146 |
| Air flow rate | (1) | m³/h | 713 | 966 | 1019 | 1104 | 1166 |
| Total capacity in cooling mode | (1) | kW | 3,77 | 4,78 | 5,33 | 5,97 | 6,45 |
| Total Net Cooling Capacity | (1)(6)(7) | kW | 3,70 | 4,65 | 5,20 | 5,83 | 6,31 |
| Sensible capacity in cooling mode | (1) | kW | 2,97 | 4,08 | 4,53 | 5,07 | 5,39 |
| Net sensible cooling capacity | (1)(6)(7) | kW | 2,90 | 3,95 | 4,40 | 4,92 | 5,24 |
| Net latent power in cooling | (1)(6)(7) | kW | 0,80 | 0,70 | 0,80 | 0,90 | 1,06 |
| Max water flow | (1) | l/s | 0,18 | 0,23 | 0,25 | 0,29 | 0,31 |
| Pressure Drop in cooling mode | (1) | kPa | 12,0 | 25,0 | 17,8 | 39,6 | 33,7 |
| Total capacity (heating mode) | (2) | kW | 3,53 | 4,47 | 4,67 | 5,45 | 5,65 |
| Total Net Heating Capacity | (2)(6) | kW | 3,60 | 4,60 | 4,80 | 5,60 | 5,80 |
| Water flow in heating mode | (2) | l/s | 0,09 | 0,11 | 0,11 | 0,13 | 0,14 |
| Pressure drop in heating mode | (2) | kPa | 23,4 | 9,4 | 10,1 | 12,1 | 6,8 |
| Sound Pressure | (3) | dB(A) | 49 | 53 | 54 | 55 | 56 |
| Sound Power | (4)(7) | dB(A) | 58 | 62 | 63 | 64 | 65 |
| 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

- 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-LIFE3 / 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 |
| 4 PIPES SYSTEM CONFIGURATION | | | | | | | |
| ENERGY EFFICIENCY | | | | | | | |
| COOLING (EN14511 VALUE) | | | | | | | |
| FCEER | (1)(6) | kW/kW | 34 | 41 | 42 | 50 | 64 |
| FCEER Class | | | E | E | E | E | D |
| HEATING ONLY (EN14511 VALUE) | | | | | | | |
| FCCOP | (2)(6) | kW/kW | 44 | 45 | 49 | 51 | 69 |
| FCCOP Class | | | E | E | E | E | E |
| PERFORMANCE | | | | | | | |
| MIN SPEED | | | | | | | |
| Fan Power Input | (1) | W | 20,0 | 20,0 | 25,0 | 25,0 | 26,0 |
| Air flow rate | (1) | m ³ /h | 186 | 197 | 239 | 252 | 346 |
| Total capacity in cooling mode | (1) | kW | 0,73 | 0,86 | 1,20 | 1,42 | 1,93 |
| Total Net Cooling Capacity | (1)(6)(7) | kW | 0,71 | 0,84 | 1,18 | 1,40 | 1,90 |
| Sensible capacity in cooling mode | (1) | kW | 0,62 | 0,69 | 1,02 | 1,14 | 1,46 |
| Net sensible cooling capacity | (1)(6)(7) | kW | 0,60 | 0,67 | 1,00 | 1,12 | 1,43 |
| Net latent power in cooling | (1)(6)(7) | kW | 0,11 | 0,17 | 0,18 | 0,28 | 0,47 |
| Max water flow | (1) | l/s | 0,03 | 0,04 | 0,06 | 0,07 | 0,09 |
| Pressure Drop in cooling mode | (1) | kPa | 0,5 | 4,6 | 1,6 | 8,4 | 4,0 |
| Total capacity (heating mode) | (2) | kW | 0,93 | 0,97 | 1,35 | 1,41 | 2,01 |
| Total Net Heating Capacity | (2)(6) | kW | 0,95 | 0,99 | 1,37 | 1,43 | 2,04 |
| Water flow in heating mode | (2) | l/s | 0,02 | 0,02 | 0,03 | 0,03 | 0,05 |
| Pressure drop in heating mode | (2) | kPa | 4,1 | 4,4 | 5,1 | 5,5 | 9,2 |
| Sound Pressure | (3) | dB(A) | 29 | 29 | 33 | 33 | 33 |
| Sound Power | (4)(7) | dB(A) | 38 | 38 | 42 | 42 | 42 |
| MED SPEED | | | | | | | |
| Fan Power Input | (1) | W | 31,0 | 31,0 | 43,0 | 43,0 | 46,0 |
| Air flow rate | (1) | m ³ /h | 261 | 276 | 365 | 385 | 509 |
| Total capacity in cooling mode | (1) | kW | 1,11 | 1,31 | 1,69 | 2,03 | 2,69 |
| Total Net Cooling Capacity | (1)(6)(7) | kW | 1,08 | 1,28 | 1,65 | 1,99 | 2,65 |
| Sensible capacity in cooling mode | (1) | kW | 0,96 | 1,06 | 1,49 | 1,65 | 2,10 |
| Net sensible cooling capacity | (1)(6)(7) | kW | 0,93 | 1,03 | 1,45 | 1,61 | 2,05 |
| Net latent power in cooling | (1)(6)(7) | kW | 0,15 | 0,25 | 0,20 | 0,38 | 0,59 |
| Max water flow | (1) | l/s | 0,05 | 0,06 | 0,08 | 0,10 | 0,13 |
| Pressure Drop in cooling mode | (1) | kPa | 0,9 | 9,7 | 2,9 | 14,7 | 7,2 |
| Total capacity (heating mode) | (2) | kW | 1,21 | 1,24 | 1,85 | 1,93 | 2,70 |
| Total Net Heating Capacity | (2)(6) | kW | 1,24 | 1,27 | 1,89 | 1,97 | 2,75 |
| Water flow in heating mode | (2) | l/s | 0,03 | 0,03 | 0,04 | 0,05 | 0,07 |
| Pressure drop in heating mode | (2) | kPa | 6,3 | 6,5 | 8,6 | 9,3 | 15,0 |
| Sound Pressure | (3) | dB(A) | 38 | 39 | 42 | 43 | 41 |
| Sound Power | (4)(7) | dB(A) | 47 | 48 | 51 | 52 | 50 |
| MAX SPEED | | | | | | | |
| Fan Power Input | (1) | W | 49,0 | 49,0 | 66,0 | 66,0 | 71,0 |
| Air flow rate | (1) | m ³ /h | 368 | 389 | 472 | 498 | 676 |
| Total capacity in cooling mode | (1) | kW | 1,41 | 1,65 | 2,11 | 2,48 | 3,27 |
| Total Net Cooling Capacity | (1)(6)(7) | kW | 1,36 | 1,60 | 2,04 | 2,42 | 3,20 |
| Sensible capacity in cooling mode | (1) | kW | 1,27 | 1,43 | 1,83 | 2,07 | 2,58 |
| Net sensible cooling capacity | (1)(6)(7) | kW | 1,22 | 1,38 | 1,76 | 2,00 | 2,51 |
| Net latent power in cooling | (1)(6)(7) | kW | 0,14 | 0,22 | 0,28 | 0,41 | 0,69 |
| Max water flow | (1) | l/s | 0,07 | 0,08 | 0,10 | 0,12 | 0,16 |
| Pressure Drop in cooling mode | (1) | kPa | 1,2 | 14,5 | 4,2 | 20,2 | 10,2 |
| Total capacity (heating mode) | (2) | kW | 1,55 | 1,60 | 2,23 | 2,33 | 3,33 |
| Total Net Heating Capacity | (2)(6) | kW | 1,60 | 1,65 | 2,30 | 2,40 | 3,40 |
| Water flow in heating mode | (2) | l/s | 0,04 | 0,04 | 0,05 | 0,06 | 0,08 |
| Pressure drop in heating mode | (2) | kPa | 9,4 | 9,9 | 11,8 | 12,7 | 21,2 |
| Sound Pressure | (3) | dB(A) | 45 | 46 | 48 | 49 | 48 |
| Sound Power | (4)(7) | dB(A) | 54 | 55 | 57 | 58 | 57 |
| 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

- 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) 65 °C/55 °C; Supplementary coil 1-row.
- 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-LIFE3 / 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 | 74 | 52 | 57 | 50 | 54 |
| FCEER Class | | | D | E | D | E | E |
| HEATING ONLY (EN14511 VALUE) | | | | | | | |
| FCCOP | (2)(6) | kW/kW | 73 | 49 | 51 | 49 | 50 |
| FCCOP Class | | | D | E | E | E | E |
| PERFORMANCE | | | | | | | |
| MIN SPEED | | | | | | | |
| Fan Power Input | (1) | W | 26,0 | 48,0 | 48,0 | 61,0 | 61,0 |
| Air flow rate | (1) | m ³ /h | 365 | 477 | 504 | 537 | 567 |
| Total capacity in cooling mode | (1) | kW | 2,23 | 2,95 | 3,21 | 3,43 | 3,69 |
| Total Net Cooling Capacity | (1)(6)(7) | kW | 2,21 | 2,90 | 3,16 | 3,37 | 3,63 |
| Sensible capacity in cooling mode | (1) | kW | 1,65 | 2,44 | 2,58 | 2,70 | 2,96 |
| Net sensible cooling capacity | (1)(6)(7) | kW | 1,62 | 2,39 | 2,53 | 2,64 | 2,90 |
| Net latent power in cooling | (1)(6)(7) | kW | 0,58 | 0,51 | 0,63 | 0,73 | 0,73 |
| Max water flow | (1) | l/s | 0,11 | 0,14 | 0,15 | 0,16 | 0,18 |
| Pressure Drop in cooling mode | (1) | kPa | 4,7 | 10,7 | 7,3 | 15,0 | 12,2 |
| Total capacity (heating mode) | (2) | kW | 2,13 | 2,64 | 2,76 | 3,18 | 3,29 |
| Total Net Heating Capacity | (2)(6) | kW | 2,16 | 2,69 | 2,81 | 3,24 | 3,35 |
| 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 | 10,1 | 3,9 | 4,2 | 4,9 | 5,2 |
| Sound Pressure | (3) | dB(A) | 33 | 39 | 39 | 39 | 39 |
| Sound Power | (4)(7) | dB(A) | 42 | 48 | 48 | 48 | 48 |
| MED SPEED | | | | | | | |
| Fan Power Input | (1) | W | 46,0 | 86,0 | 86,0 | 105 | 105 |
| Air flow rate | (1) | m ³ /h | 538 | 720 | 760 | 851 | 899 |
| Total capacity in cooling mode | (1) | kW | 3,10 | 4,03 | 4,49 | 5,02 | 5,37 |
| Total Net Cooling Capacity | (1)(6)(7) | kW | 3,06 | 3,95 | 4,41 | 4,92 | 5,27 |
| Sensible capacity in cooling mode | (1) | kW | 2,42 | 3,37 | 3,72 | 4,21 | 4,43 |
| Net sensible cooling capacity | (1)(6)(7) | kW | 2,37 | 3,28 | 3,63 | 4,11 | 4,32 |
| Net latent power in cooling | (1)(6)(7) | kW | 0,68 | 0,66 | 0,77 | 0,81 | 0,94 |
| Max water flow | (1) | l/s | 0,15 | 0,19 | 0,21 | 0,24 | 0,26 |
| Pressure Drop in cooling mode | (1) | kPa | 8,5 | 18,5 | 13,2 | 29,2 | 24,2 |
| Total capacity (heating mode) | (2) | kW | 2,86 | 3,59 | 3,75 | 4,50 | 4,66 |
| Total Net Heating Capacity | (2)(6) | kW | 2,90 | 3,68 | 3,84 | 4,61 | 4,76 |
| Water flow in heating mode | (2) | l/s | 0,07 | 0,09 | 0,09 | 0,11 | 0,11 |
| Pressure drop in heating mode | (2) | kPa | 16,4 | 6,5 | 7,0 | 8,8 | 9,3 |
| Sound Pressure | (3) | dB(A) | 41 | 47 | 47 | 49 | 50 |
| Sound Power | (4)(7) | dB(A) | 50 | 56 | 56 | 58 | 59 |
| MAX SPEED | | | | | | | |
| Fan Power Input | (1) | W | 71,0 | 130 | 130 | 146 | 146 |
| Air flow rate | (1) | m ³ /h | 713 | 966 | 1019 | 1104 | 1166 |
| Total capacity in cooling mode | (1) | kW | 3,77 | 4,78 | 5,33 | 5,97 | 6,45 |
| Total Net Cooling Capacity | (1)(6)(7) | kW | 3,70 | 4,65 | 5,20 | 5,83 | 6,31 |
| Sensible capacity in cooling mode | (1) | kW | 2,97 | 4,08 | 4,53 | 5,07 | 5,39 |
| Net sensible cooling capacity | (1)(6)(7) | kW | 2,90 | 3,95 | 4,40 | 4,92 | 5,24 |
| Net latent power in cooling | (1)(6)(7) | kW | 0,80 | 0,70 | 0,80 | 0,90 | 1,06 |
| Max water flow | (1) | l/s | 0,18 | 0,23 | 0,25 | 0,29 | 0,31 |
| Pressure Drop in cooling mode | (1) | kPa | 12,0 | 25,0 | 17,8 | 39,6 | 33,7 |
| Total capacity (heating mode) | (2) | kW | 3,53 | 4,47 | 4,67 | 5,45 | 5,65 |
| Total Net Heating Capacity | (2)(6) | kW | 3,60 | 4,60 | 4,80 | 5,60 | 5,80 |
| Water flow in heating mode | (2) | l/s | 0,09 | 0,11 | 0,11 | 0,13 | 0,14 |
| Pressure drop in heating mode | (2) | kPa | 23,4 | 9,4 | 10,1 | 12,1 | 12,9 |
| Sound Pressure | (3) | dB(A) | 49 | 53 | 54 | 55 | 56 |
| Sound Power | (4)(7) | dB(A) | 58 | 62 | 63 | 64 | 65 |
| 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 | 32 | 34 | 37 | 39 |

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

