

**Climaveneta Data Book**

I\_LIFE2\_SLIM\_080\_370\_202102\_EN



# i-LIFE2 SLIM

**080 ÷ 370**

**0,76 ÷ 3,76 kW**

Residential fan-coils with cabinet or concealed version, with inverter motor and tangential fan



(The photo of the unit is indicative and may vary depending on the model)

- Configuration
- User friendly
- Full integration
- Real savings



**SUMMARY**

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All work must be performed, components selected and materials used professionally and in complete accordance with the legislation in force in material in the country concerned, and considering the operating conditions and intended uses of the system, by qualified personnel.

The data contained in this publication may be changed without prior notice.

## 1. RANGE

### WITH CABINET MODEL

#### i-LIFE2 SLIM DLMV

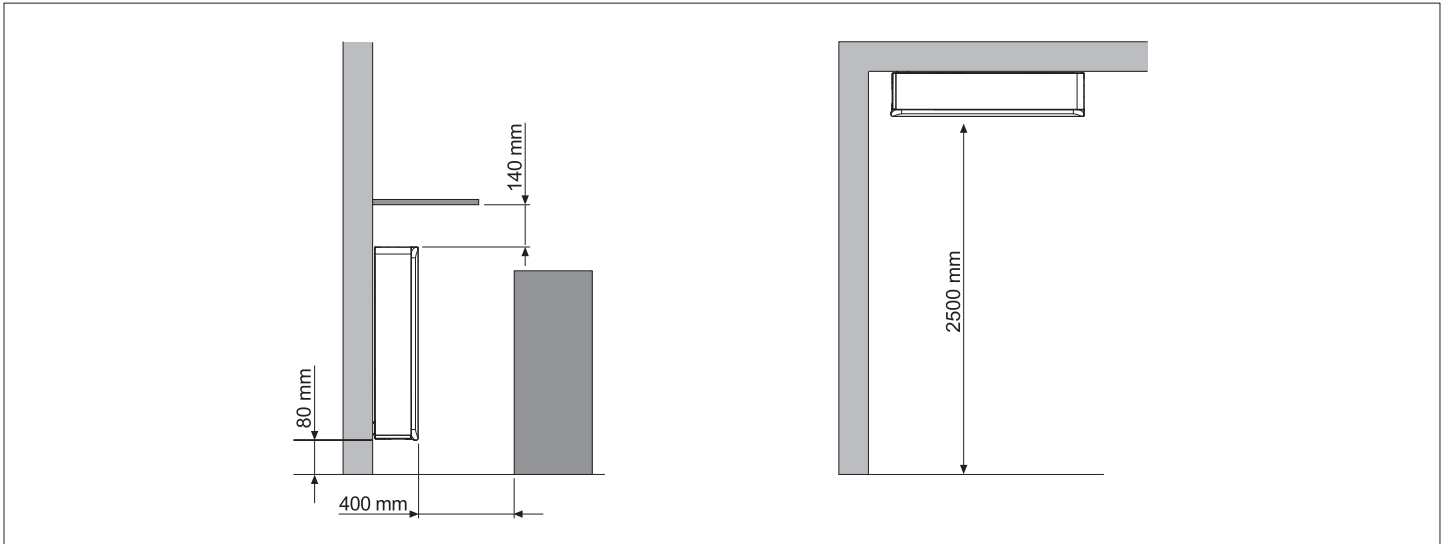
fan coil with painted metal casing (suitable for vertical installation)

#### i-LIFE2 SLIM DLMO

fan coil with painted metal casing (suitable for horizontal installation)

#### i-LIFE2 SLIM DLRV

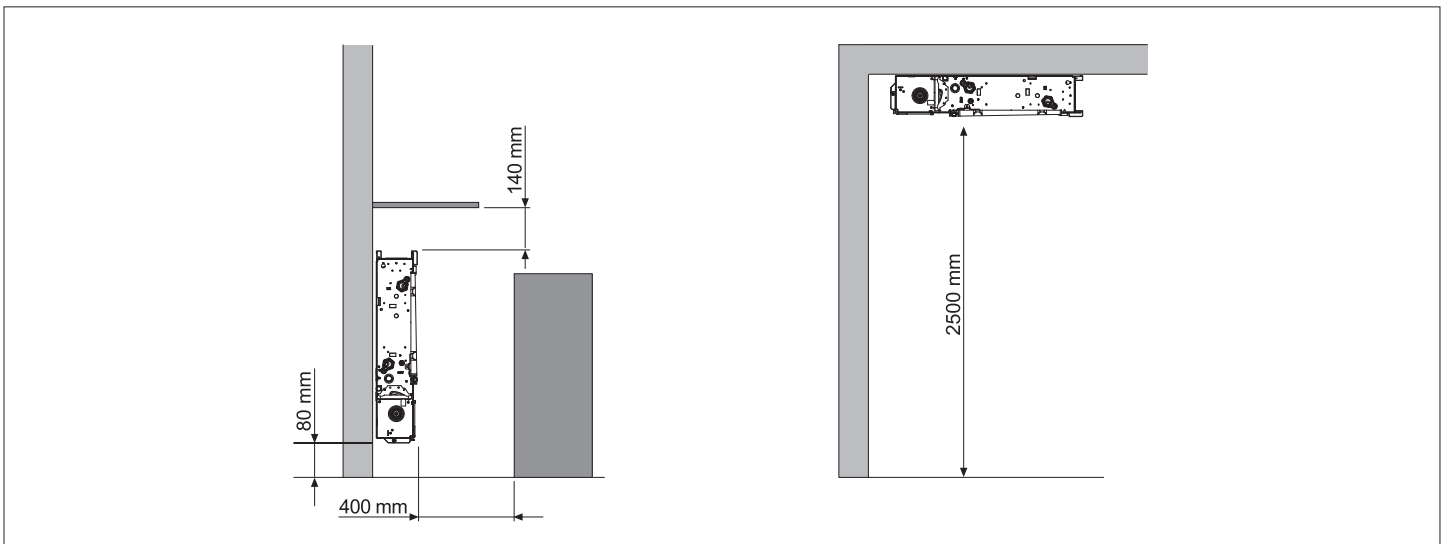
fan coil with painted metal casing with radiant effect (suitable for vertical installation only)



### CONCEALED MODEL

#### i-LIFE2 SLIM DLIU

built-in fan coil without panelling (suitable for built-in horizontal or vertical installations)



## 2. GENERAL DESCRIPTION

i-LIFE2 SLIM is the new Climaveneta fan coil with inverter technology for heating, cooling and dehumidification.

The i-LIFE2 SLIM units feature a harmonious design, measuring just 13 cm in depth, for installation in residential environments.

The units have tangential fans with asymmetrical blades, while the heat exchanger has a large front surface area to ensure high air flow with low pressure drop.

Continuous DC motor speed control allows unit operation to adapt perfectly to indoor load, guaranteeing very low noise while maintaining the set temperature.

In heating mode, the i-LIFE2 SLIM version with DLRV radiant panel provides effective natural convective heating (similar to a radiator), significantly reducing the need for fan operation.

The operating principle is based on the activation, in heating mode, of miniature fans with very low energy consumption and extremely low noise that can deliver warm air from the heat exchanger to the inside of the unit's front panel, ensuring effective heating.

This principle allows the terminal to deliver significant heating capacity without the fan operating.

Consequently, the comfort temperature can be maintained with negligible movement of air and with the unit operating in complete silence.

In cooling operation, the air flow generated by the miniature fans is stopped to prevent dew forming on the front surface of the terminal.

Structure made from thick galvanised sheet metal for optimum protection against corrosion.

Cabinet made from galvanised sheet metal with epoxy powder coating, combined with plastic side profiles.

The unit is managed using the latest generation control units, featuring PID (proportional-integral) control to ensure undisputed advantages in terms of temperature and humidity control.

Options available include the iKS2 and ATS2 on-board control units, and iKSW2 and ATW remote control units with iHBS2 (in combination with the iKSW2 control unit) and HBS2 (in combination with the control ATW and ATS2 control units) board installed on the unit.

### i-LIFE2 SLIM DLMV

version with cabinet, low air intake, vertical installation

### i-LIFE2 SLIM DLMO

version with cabinet, low air intake, horizontal installation

### i-LIFE2 SLIM DLRV

version with cabinet, low air intake with radiant effect, vertical installation

### i-LIFE2 SLIM DLIU

version without cabinet, low air intake, universal installation

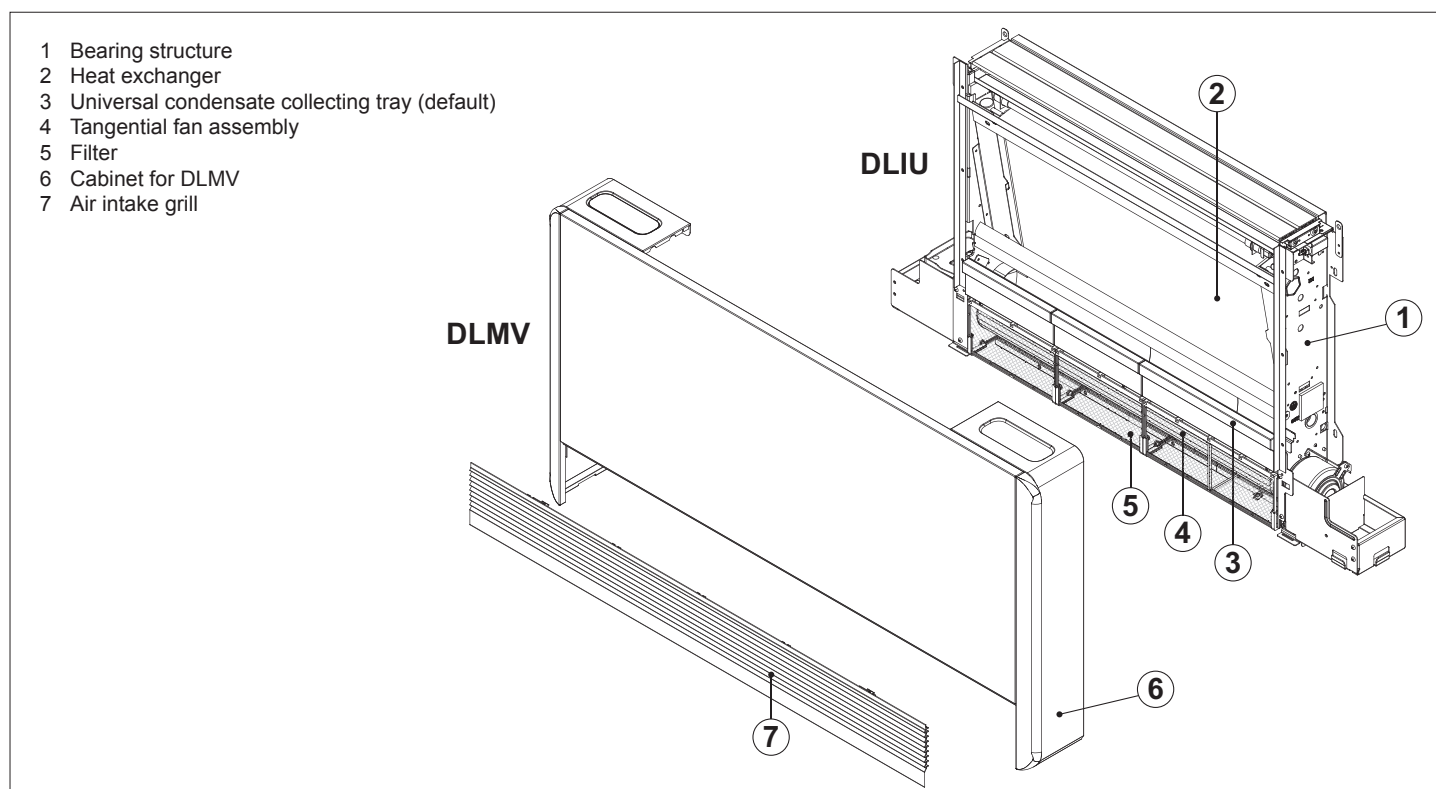
**Cooling capacity from 0,76 to 3,76 kW.**

**Heating capacity from 0,89 to 4,36 kW.**

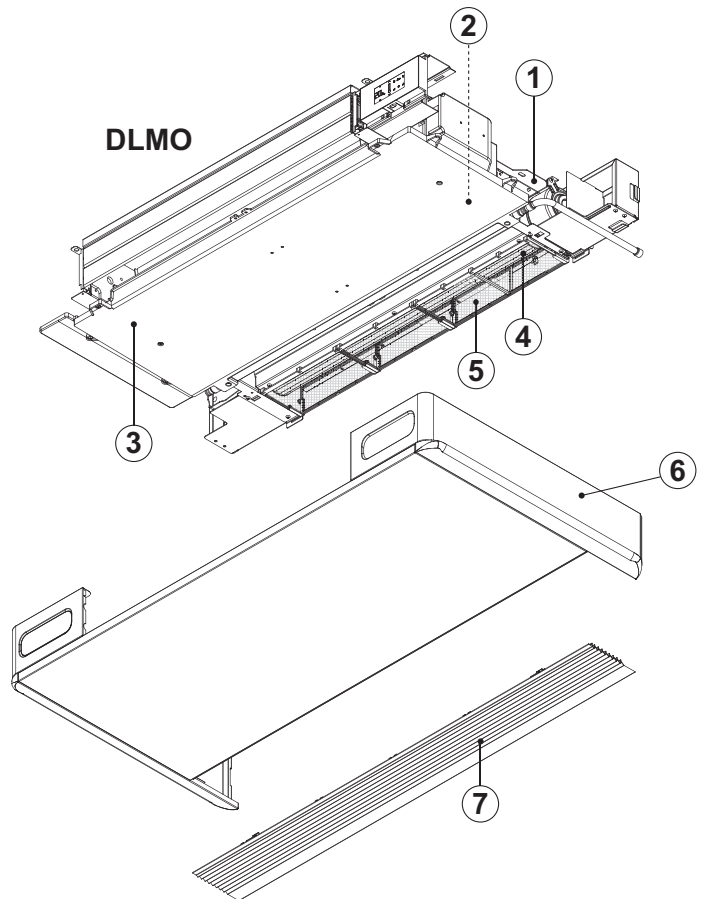
**Standard left hand water connections.**

**It's possible to have right hand water connections ordering this special configuration at order stage.**

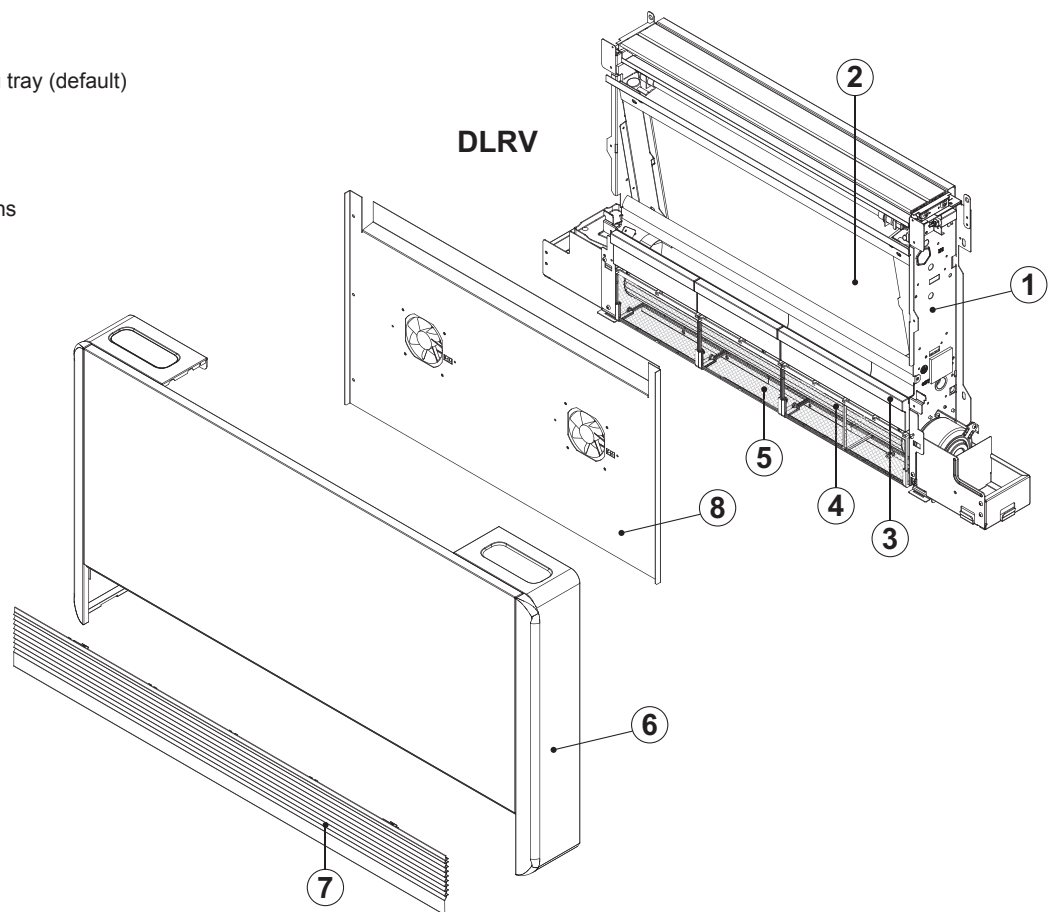
**The water connections are not reversible on site.**



- 1 Bearing structure
- 2 Heat exchanger
- 3 Condensate collection pan for horizontal installation
- 4 Tangential fan assembly
- 5 Filtro
- 6 Cabinet
- 7 Air intake grill



- 1 Bearing structure
- 2 Heat exchanger
- 3 Universal condensate collecting tray (default)
- 4 Tangential fan assembly
- 5 Filter
- 6 Cabinet
- 7 Air intake grill
- 8. Radiant panel with miniature fans



## 3. ACCESSORIES COMPATIBILITY

|                         | Type                   | Option     | Description                                                  | Size |      |      |      |      | Description                                                                                                                                                                                                                          |
|-------------------------|------------------------|------------|--------------------------------------------------------------|------|------|------|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         |                        |            |                                                              | 080  | 170  | 270  | 320  | 370  |                                                                                                                                                                                                                                      |
| STANDARD CONFIGURATION  | VERSION                | A952       | i-LIFE2 SLIM 2T DLMO                                         |      |      |      |      |      |                                                                                                                                                                                                                                      |
|                         |                        | A954       | i-LIFE2 SLIM 2T DLMV                                         |      |      |      |      |      |                                                                                                                                                                                                                                      |
|                         | POWER SUPPLY           | A552       | 230/1/50 POWER SUPPLY                                        |      |      |      |      |      |                                                                                                                                                                                                                                      |
|                         | SYSTEM TYPE            | A611       | 2 PIPES SYSTEM                                               |      |      |      |      |      |                                                                                                                                                                                                                                      |
|                         | FAN TYPE               | A645       | TANGENTIAL FAN WITH EC MOTOR                                 |      |      |      |      |      |                                                                                                                                                                                                                                      |
|                         | HYDRAULIC CONNECTIONS  | A022       | LEFT HYDRAULIC CONNECTIONS                                   |      |      |      |      |      |                                                                                                                                                                                                                                      |
|                         | CONTROL UNIT           | B010       | WITHOUT CONTROL                                              |      |      |      |      |      |                                                                                                                                                                                                                                      |
| ACCESSORIES             |                        |            |                                                              |      |      |      |      |      |                                                                                                                                                                                                                                      |
| FACTORY MOUNTED OPTIONS |                        |            |                                                              |      |      |      |      |      |                                                                                                                                                                                                                                      |
| Control option          | ON-BOARD CONTROLS      | B019       | ATS2 ON-BOARD THERMOSTAT                                     | √    | √    | √    | √    | √    | Includes an electronic power board and ATS2 on-board control with display for room temperature visualization. 4 fan speeds, set-point management, operating modes selection.                                                         |
|                         |                        | B017A      | IKS2 ON-BOARD THERMOSTAT                                     | √    | √    | √    | √    | √    | Includes an electronic power board and iKS2 on-board control with display for room temperature visualization. Modulating control of the fan speed with PID logic, set-point management, operating modes selection. BMS connectivity. |
|                         | ON-BOARD CONTROL UNIT  | B018A      | IHBS2 CONTROL                                                | √    | √    | √    | √    | √    | Electronic power board for remote control of the fan coil unit to be coupled with iKSW2 thermostat (modulating fan speed). Master /Slave configuration up to 30 units with only one iKSW2 thermostat. BMS connectivity.              |
|                         |                        | B02B       | HBS2 CONTROL for ATW                                         | √    | √    | √    | √    | √    | Electronic power board for remote control of the fan coil unit to be coupled with ATW thermostat (3 fan speed).                                                                                                                      |
|                         |                        | B016       | HBS2 0-10V CONTROL                                           | √    | √    | √    | √    | √    | Electronic power board for remote control of the fan coil unit with 0-10V thermostats for continuous modulation (e.g. ATW-EC thermostat)                                                                                             |
|                         | CONDENSATION DRAIN PAN | A714       | HORIZONTAL TRAY FOR HORIZONTAL INSTALLATION                  | √    | √    | √    | √    | √    | Mandatory for i-LIFE2 SLIM 2T DLMO                                                                                                                                                                                                   |
|                         | AIR FILTRATION         | A207       | UVC LAMP FOR STERILIZATION                                   | √    | √    | √    | √    | √    | UV lamp. Effective anti-bacterial and anti-virological action for indoor air sterilization. UV bulb life span approx. 12,000 hours                                                                                                   |
| Hydraulic connections   | HYDRAULIC CONNECTIONS  | A021       | RIGHT HYDRAULIC CONNECTIONS                                  | √    | √    | √    | √    | √    |                                                                                                                                                                                                                                      |
|                         | 2-WAY VALVE            | B022       | 2-WAY VALVE ON/OFF 230V                                      | √    | √    | √    | √    | √    | 2-way valve with ON/OFF actuator                                                                                                                                                                                                     |
|                         | 2-WAY VALVE            | B024       | MANUAL 2-WAY VALVE                                           | √    | √    | √    | √    | √    | 2-way manual valve with micrometric regulation                                                                                                                                                                                       |
|                         | 3-WAY VALVE            | B023       | 3-WAY VALVE ON/OFF 230V                                      | √    | √    | √    | √    | √    | 3-way valve with ON/OFF actuator                                                                                                                                                                                                     |
|                         |                        |            |                                                              |      |      |      |      |      |                                                                                                                                                                                                                                      |
| OTHER LOOSE OPTIONS     |                        |            |                                                              |      |      |      |      |      |                                                                                                                                                                                                                                      |
| Control option          | ON-BOARD CONTROLS      | 5549078800 | Kit ATS2 Electronic Control on board for 4 speeds DC Motor   | √    | √    | √    | √    | √    | Includes an electronic power board and ATS2 on-board control with display for room temperature visualization. 4 fan speeds, set-point management, operating modes selection.                                                         |
|                         |                        | 5549097800 | Kit IKS2 Electronic Control PID on board of the unit         | √    | √    | √    | √    | √    | Includes an electronic power board and iKS2 on-board control with display for room temperature visualization. Modulating control of the fan speed with PID logic, set-point management, operating modes selection. BMS connectivity. |
|                         | WALL MOUNTED CONTROL   | 7349036400 | KIT WALL THERMOSTAT ATW CV                                   | √    | √    | √    | √    | √    | ATW wall mounted thermostat, with 3 fan speeds, set-point management, operating modes selection.                                                                                                                                     |
|                         |                        | 5549097600 | Kit iKSW2 v.2 Remote Control with air probe                  | √    | √    | √    | √    | √    | iKSW2 wall mounted thermostat with display for room temperature visualization. Modulating control of the fan speed with PID logic, set-point management, operating modes selection. M/S or BMS connectivity.                         |
|                         | ON-BOARD CONTROL UNIT  | 5549097500 | Kit IHBS2 Electronic Card PID for remote control iKSW2       | √    | √    | √    | √    | √    | Electronic power board for remote control of the fan coil unit to be coupled with iKSW2 thermostat (modulating fan speed). Master /Slave configuration up to 30 units with only one iKSW2 thermostat. BMS connectivity.              |
|                         |                        | 5549078900 | Kit HBS2 Control powerboard for 4 speeds DC motor            | √    | √    | √    | √    | √    | Electronic power board for remote control of the fan coil unit to be coupled with ATW thermostat (3 fan speed).                                                                                                                      |
|                         |                        | 5549079000 | Kit HBS2 0-10V powerboard with 0-10V signal                  | √    | √    | √    | √    | √    | Electronic power board for remote control of the fan coil unit with 0-10V thermostats for continuous modulation (e.g. ATW-EC thermostat)                                                                                             |
|                         |                        |            |                                                              |      |      |      |      |      |                                                                                                                                                                                                                                      |
|                         | AIR FILTRATION         | 5549047100 | UVC AIR FILTER FOR i-LIFE2 SLIM 080                          | √    | √    | √    | √    | √    | Kit with UV lamp, control gear, connection wires. Effective anti-bacterial and anti-virological action for indoor air sterilization. UV bulb life span approx. 12,000 hours                                                          |
|                         |                        | 5549047200 | UVC AIR FILTER FOR i-LIFE2 SLIM 170                          | √    | √    | √    | √    | √    |                                                                                                                                                                                                                                      |
|                         |                        | 5549047300 | UVC AIR FILTER FOR i-LIFE2 SLIM 270                          | √    | √    | √    | √    | √    |                                                                                                                                                                                                                                      |
|                         |                        | 5549047400 | UVC AIR FILTER FOR i-LIFE2 SLIM 320                          | √    | √    | √    | √    | √    |                                                                                                                                                                                                                                      |
|                         |                        | 5549047500 | UVC AIR FILTER FOR i-LIFE2 SLIM 502                          | √    | √    | √    | √    | √    |                                                                                                                                                                                                                                      |
| Hydraulic connections   | 2-WAY VALVE            | 5549053000 | 2-WAY VALVE ON/OFF 230V                                      | √    | √    | √    | √    | √    | 2-way valve kit with ON/OFF actuator                                                                                                                                                                                                 |
|                         | 2-WAY VALVE            | 5549053100 | MANUAL 2-WAY VALVE                                           | √    | √    | √    | √    | √    | 2-way manual kit valve with micrometric regulation                                                                                                                                                                                   |
|                         | 3-WAY VALVE            | 5549053200 | 3-WAY VALVE ON/OFF 230V                                      | √    | √    | √    | √    | √    | 3-way valve kit with ON/OFF actuator                                                                                                                                                                                                 |
| Other                   | DRAIN TRAY             | 5549034900 | Drain Tray for horizontal installation i-LIFE2 SLIM DLMO 080 | √    | N.A. | N.A. | N.A. | N.A. | Mandatory for i-LIFE2 SLIM 2T DLMO, alternative to factory mounted opt. A714                                                                                                                                                         |
|                         |                        | 5549035100 | Drain tray for horizontal installation i-LIFE2 SLIM DLMO 170 | N.A. | √    | N.A. | N.A. | N.A. |                                                                                                                                                                                                                                      |
|                         |                        | 5549035300 | Drain tray for horizontal installation i-LIFE2 SLIM DLMO 270 | N.A. | N.A. | √    | N.A. | N.A. |                                                                                                                                                                                                                                      |
|                         |                        | 5549035500 | Drain tray for horizontal installation i-LIFE2 SLIM DLMO 320 | N.A. | N.A. | N.A. | √    | N.A. |                                                                                                                                                                                                                                      |
|                         |                        | 5549035700 | Drain tray for horizontal installation i-LIFE2 SLIM DLMO 370 | N.A. | N.A. | N.A. | N.A. | √    |                                                                                                                                                                                                                                      |
|                         |                        | 5549058800 | Side Drain Tray i-LIFE2 SLIM for horizontal installation     | √    | √    | √    | √    | √    |                                                                                                                                                                                                                                      |
|                         | FEET                   | 5549035900 | Aesthetic Feets for covering the floor tubes. White RAL 9003 | √    | √    | √    | √    | √    |                                                                                                                                                                                                                                      |
|                         |                        | 5549036100 | Feet to anchor the unit to the floor, White RAL 9003         | √    | √    | √    | √    | √    |                                                                                                                                                                                                                                      |
|                         | AESTHETIC PANEL        | 5549036300 | AESTHETIC PANEL UNIT i-LIFE2 SLIM 080                        | √    | N.A. | N.A. | N.A. | N.A. |                                                                                                                                                                                                                                      |
|                         |                        | 5549036500 | AESTHETIC PANEL UNIT i-LIFE2 SLIM 170                        | N.A. | √    | N.A. | N.A. | N.A. |                                                                                                                                                                                                                                      |
|                         |                        | 5549036700 | AESTHETIC PANEL UNIT i-LIFE2 SLIM 270                        | N.A. | N.A. | √    | N.A. | N.A. |                                                                                                                                                                                                                                      |
|                         |                        | 5549036900 | AESTHETIC PANEL UNIT i-LIFE2 SLIM 320                        | N.A. | N.A. | N.A. | √    | N.A. |                                                                                                                                                                                                                                      |
|                         |                        | 5549037100 | AESTHETIC PANEL UNIT i-LIFE2 SLIM 370                        | N.A. | N.A. | N.A. | N.A. | √    |                                                                                                                                                                                                                                      |
|                         | GENERIC ACCESSORIES    | 5549053500 | "L" EUROKONUS 90° Fittings                                   | √    | √    | √    | √    | √    |                                                                                                                                                                                                                                      |
|                         |                        | 5549053600 | Couple adapters for flat gasket                              | √    | √    | √    | √    | √    |                                                                                                                                                                                                                                      |
|                         |                        |            |                                                              |      |      |      |      |      |                                                                                                                                                                                                                                      |
|                         |                        |            |                                                              |      |      |      |      |      |                                                                                                                                                                                                                                      |
|                         |                        |            |                                                              |      |      |      |      |      |                                                                                                                                                                                                                                      |
|                         |                        |            |                                                              |      |      |      |      |      |                                                                                                                                                                                                                                      |
|                         |                        |            |                                                              |      |      |      |      |      |                                                                                                                                                                                                                                      |
|                         |                        |            |                                                              |      |      |      |      |      |                                                                                                                                                                                                                                      |
|                         |                        |            |                                                              |      |      |      |      |      |                                                                                                                                                                                                                                      |
|                         |                        |            |                                                              |      |      |      |      |      |                                                                                                                                                                                                                                      |
|                         |                        |            |                                                              |      |      |      |      |      |                                                                                                                                                                                                                                      |
|                         |                        |            |                                                              |      |      |      |      |      |                                                                                                                                                                                                                                      |
|                         |                        |            |                                                              |      |      |      |      |      |                                                                                                                                                                                                                                      |
|                         |                        |            |                                                              |      |      |      |      |      |                                                                                                                                                                                                                                      |
|                         |                        |            |                                                              |      |      |      |      |      |                                                                                                                                                                                                                                      |
|                         |                        |            |                                                              |      |      |      |      |      |                                                                                                                                                                                                                                      |

## 3. ACCESSORIES COMPATIBILITY

|                         | Type                  | Option     | Description                                                  | Size |      |      |      |      | Description                                                                                                                                                                                                                          |
|-------------------------|-----------------------|------------|--------------------------------------------------------------|------|------|------|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         |                       |            |                                                              | 080  | 170  | 270  | 320  | 370  |                                                                                                                                                                                                                                      |
| STANDARD CONFIGURATION  | VERSION               | B002       | i-LIFE2 SLIM 2T DLRV                                         |      |      |      |      |      |                                                                                                                                                                                                                                      |
|                         | POWER SUPPLY          | A552       | 230/1/50 POWER SUPPLY                                        |      |      |      |      |      |                                                                                                                                                                                                                                      |
|                         | SYSTEM TYPE           | A611       | 2 PIPES SYSTEM                                               |      |      |      |      |      |                                                                                                                                                                                                                                      |
|                         | FAN TYPE              | A645       | TANGENTIAL FAN WITH EC MOTOR                                 |      |      |      |      |      |                                                                                                                                                                                                                                      |
|                         | HYDRAULIC CONNECTIONS | A022       | LEFT HYDRAULIC CONNECTIONS                                   |      |      |      |      |      |                                                                                                                                                                                                                                      |
|                         | CONTROL UNIT          | B010       | WITHOUT CONTROL                                              |      |      |      |      |      |                                                                                                                                                                                                                                      |
| ACCESSORIES             |                       |            |                                                              |      |      |      |      |      |                                                                                                                                                                                                                                      |
| FACTORY MOUNTED OPTIONS |                       |            |                                                              |      |      |      |      |      |                                                                                                                                                                                                                                      |
| Control option          | ON-BOARD CONTROLS     | B019       | ATS2 ON-BOARD THERMOSTAT                                     | √    | √    | √    | √    | √    | Includes an electronic power board and ATS2 on-board control with display for room temperature visualization. 4 fan speeds, set-point management, operation modes selection.                                                         |
|                         |                       | B017A      | IKS2 ON-BOARD THERMOSTAT                                     | √    | √    | √    | √    | √    | Includes an electronic power board and IKS2 on-board control with display for room temperature visualization. Modulating control of the fan speed with PID logic, set-point management, operating modes selection. BMS connectivity. |
|                         | ON-BOARD CONTROL UNIT | B018A      | IHBS2 CONTROL only for IKS2                                  | √    | √    | √    | √    | √    | Electronic power board for remote control of the fan coil unit to be coupled with IKS2 thermostat (modulating fan speed). Master /Slave configuration up to 30 units with only one IKS2 thermostat. BMS connectivity.                |
|                         |                       | B02B       | HBS2 CONTROL for ATW                                         | √    | √    | √    | √    | √    | Electronic power board for remote control of the fan coil unit to be coupled with ATW thermostat (3 fan speed).                                                                                                                      |
|                         |                       | B016       | HBS2 0-10V CONTROL                                           | √    | √    | √    | √    | √    | Electronic power board for remote control of the fan coil unit with 0-10V thermostats for continuous modulation (e.g. ATW-EC thermostat)                                                                                             |
|                         |                       |            |                                                              |      |      |      |      |      |                                                                                                                                                                                                                                      |
| Hydraulic connections   | AIR FILTRATION        | A207       | UVC LAMP FOR STERILIZATION                                   | N.A. | N.A. | N.A. | N.A. | N.A. | Not compatible with DLRV version                                                                                                                                                                                                     |
|                         | HYDRAULIC CONNECTIONS | A021       | RIGHT HYDRAULIC CONNECTIONS                                  | √    | √    | √    | √    | √    |                                                                                                                                                                                                                                      |
|                         | 2-WAY VALVE           | B022       | 2-WAY VALVE ON/OFF 230V                                      | √    | √    | √    | √    | √    | 2-way valve with ON/OFF actuator                                                                                                                                                                                                     |
|                         | 2-WAY VALVE           | B024       | MANUAL 2-WAY VALVE                                           | √    | √    | √    | √    | √    | 2-way manual valve with micrometric regulation                                                                                                                                                                                       |
|                         | 3-WAY VALVE           | B023       | 3-WAY VALVE ON/OFF 230V                                      | √    | √    | √    | √    | √    | 3-way valve with ON/OFF actuator                                                                                                                                                                                                     |
| OTHER LOOSE OPTIONS     |                       |            |                                                              |      |      |      |      |      |                                                                                                                                                                                                                                      |
| Control option          | ON-BOARD CONTROLS     | 5549078800 | Kit ATS2 Electronic Control on board for 4 speeds DC Motor   | √    | √    | √    | √    | √    | Includes an electronic power board and ATS2 on-board control with display for room temperature visualization. 4 fan speeds, set-point management, operation modes selection.                                                         |
|                         |                       | 5549097800 | Kit IKS2 Electronic Control PID on board of the unit         | √    | √    | √    | √    | √    | Includes an electronic power board and IKS2 on-board control with display for room temperature visualization. Modulating control of the fan speed with PID logic, set-point management, operating modes selection. BMS connectivity. |
|                         | WALL MOUNTED CONTROL  | 7349036400 | KIT WALL THERMOSTAT ATW CV                                   | √    | √    | √    | √    | √    | ATW wall mounted thermostat, with 3 fan speeds, set-point management, operation modes selection.                                                                                                                                     |
|                         |                       | 5549097600 | Kit IKS2 v.2 Remote Control with air probe                   | √    | √    | √    | √    | √    | IKS2 wall mounted thermostat with display for room temperature visualization. Modulating control of the fan speed with PID logic, set-point management, operating modes selection. M/S or BMS connectivity.                          |
|                         | ON-BOARD CONTROL UNIT | 5549097500 | Kit IHBS2 Electronic Card PID for remote control IKS2        | √    | √    | √    | √    | √    | Electronic power board for remote control of the fan coil unit to be coupled with IKS2 thermostat (modulating fan speed). Master /Slave configuration up to 30 units with only one IKS2 thermostat. BMS connectivity.                |
|                         |                       | 5549078900 | Kit HBS2 Control powerboard for 4 speeds DC motor            | √    | √    | √    | √    | √    | Electronic power board for remote control of the fan coil unit to be coupled with ATW thermostat (3 fan speed).                                                                                                                      |
|                         |                       | 5549079000 | Kit HBS2_0-10V powerboard with 0-10V signal                  | √    | √    | √    | √    | √    | Electronic power board for remote control of the fan coil unit with 0-10V thermostats for continuous modulation (e.g. ATW-EC thermostat)                                                                                             |
|                         |                       |            |                                                              |      |      |      |      |      |                                                                                                                                                                                                                                      |
|                         | AIR FILTRATION        | 5549047100 | UVC AIR FILTER FOR i-LIFE2 SLIM 080                          | N.A. | N.A. | N.A. | N.A. | N.A. | Not compatible with DLRV version                                                                                                                                                                                                     |
|                         |                       | 5549047200 | UVC AIR FILTER FOR i-LIFE2 SLIM 170                          | N.A. | N.A. | N.A. | N.A. | N.A. |                                                                                                                                                                                                                                      |
|                         |                       | 5549047300 | UVC AIR FILTER FOR i-LIFE2 SLIM 270                          | N.A. | N.A. | N.A. | N.A. | N.A. |                                                                                                                                                                                                                                      |
|                         |                       | 5549047400 | UVC AIR FILTER FOR i-LIFE2 SLIM 320                          | N.A. | N.A. | N.A. | N.A. | N.A. |                                                                                                                                                                                                                                      |
|                         |                       | 5549047500 | UVC AIR FILTER FOR i-LIFE2 SLIM 370                          | N.A. | N.A. | N.A. | N.A. | N.A. |                                                                                                                                                                                                                                      |
| Hydraulic connections   | 2-WAY VALVE           | 5549053000 | 2-WAY VALVE ON/OFF 230V                                      | √    | √    | √    | √    | √    | 2-way valve kit with ON/OFF actuator                                                                                                                                                                                                 |
|                         | 2-WAY VALVE           | 5549053100 | MANUAL 2-WAY VALVE                                           | √    | √    | √    | √    | √    | 2-way manual kit valve with micrometric regulation                                                                                                                                                                                   |
|                         | 3-WAY VALVE           | 5549053200 | 3-WAY VALVE ON/OFF 230V                                      | √    | √    | √    | √    | √    | 3-way valve kit with ON/OFF actuator                                                                                                                                                                                                 |
| Other                   | FEET                  | 5549035900 | Aesthetic Feets for covering the floor tubes. White RAL 9003 | √    | √    | √    | √    | √    |                                                                                                                                                                                                                                      |
|                         |                       | 5549036100 | Feet to anchor the unit to the floor, White RAL 9003         | √    | √    | √    | √    | √    |                                                                                                                                                                                                                                      |
|                         | AESTHETIC PANEL       | 5549036300 | AESTHETIC PANEL UNIT i-LIFE2 SLIM 080                        | √    | N.A. | N.A. | N.A. | N.A. |                                                                                                                                                                                                                                      |
|                         |                       | 5549036500 | AESTHETIC PANEL UNIT i-LIFE2 SLIM 170                        | N.A. | √    | N.A. | N.A. | N.A. |                                                                                                                                                                                                                                      |
|                         |                       | 5549036700 | AESTHETIC PANEL UNIT i-LIFE2 SLIM 270                        | N.A. | N.A. | √    | N.A. | N.A. |                                                                                                                                                                                                                                      |
|                         |                       | 5549036900 | AESTHETIC PANEL UNIT i-LIFE2 SLIM 320                        | N.A. | N.A. | N.A. | √    | N.A. |                                                                                                                                                                                                                                      |
|                         |                       | 5549037100 | AESTHETIC PANEL UNIT i-LIFE2 SLIM 370                        | N.A. | N.A. | N.A. | N.A. | √    |                                                                                                                                                                                                                                      |
|                         | GENERIC ACCESSORIES   | 5549053500 | "L" EUROKONUS 90° Fittings                                   | √    | √    | √    | √    | √    |                                                                                                                                                                                                                                      |
|                         |                       | 5549053600 | Couple adapters for flat gasket                              | √    | √    | √    | √    | √    |                                                                                                                                                                                                                                      |



## 3. ACCESSORIES COMPATIBILITY

|                         | Type                  | Option     | Description                                                | Size |      |      |      |      | Description                                                                                                                                                                                                             |
|-------------------------|-----------------------|------------|------------------------------------------------------------|------|------|------|------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         |                       |            |                                                            | 080  | 170  | 270  | 320  | 370  |                                                                                                                                                                                                                         |
| STANDARD CONFIGURATION  | VERSION               | B001       | i-LIFE2 SLIM 2T DLIU                                       |      |      |      |      |      |                                                                                                                                                                                                                         |
|                         | POWER SUPPLY          | A552       | 230/1/50 POWER SUPPLY                                      |      |      |      |      |      |                                                                                                                                                                                                                         |
|                         | SYSTEM TYPE           | A611       | 2 PIPES SYSTEM                                             |      |      |      |      |      |                                                                                                                                                                                                                         |
|                         | FAN TYPE              | A645       | TANGENTIAL FAN WITH EC MOTOR                               |      |      |      |      |      |                                                                                                                                                                                                                         |
|                         | HYDRAULIC CONNECTIONS | A022       | LEFT HYDRAULIC CONNECTIONS                                 |      |      |      |      |      |                                                                                                                                                                                                                         |
|                         | CONTROL UNIT          | B010       | WITHOUT CONTROL                                            |      |      |      |      |      |                                                                                                                                                                                                                         |
| ACCESSORIES             |                       |            |                                                            |      |      |      |      |      |                                                                                                                                                                                                                         |
| FACTORY MOUNTED OPTIONS |                       |            |                                                            |      |      |      |      |      |                                                                                                                                                                                                                         |
| Control option          | ON-BOARD CONTROLS     | B019       | ATS2 ON-BOARD THERMOSTAT                                   | N.A. | N.A. | N.A. | N.A. | N.A. |                                                                                                                                                                                                                         |
|                         |                       | B017A      | IKS2 ON-BOARD THERMOSTAT                                   | N.A. | N.A. | N.A. | N.A. | N.A. |                                                                                                                                                                                                                         |
|                         | ON-BOARD CONTROL UNIT | B018A      | IHBS2 CONTROL only for IKSW2                               | ✓    | ✓    | ✓    | ✓    | ✓    | Electronic power board for remote control of the fan coil unit to be coupled with iKSW2 thermostat (modulating fan speed). Master /Slave configuration up to 30 units with only one iKSW2 thermostat. BMS connectivity. |
|                         |                       | B02B       | HBS2 CONTROL for ATW                                       | ✓    | ✓    | ✓    | ✓    | ✓    | Electronic power board for remote control of the fan coil unit to be coupled with ATW thermostat (3 fan speed).                                                                                                         |
|                         |                       | B016       | HBS2 0-10V CONTROL                                         | ✓    | ✓    | ✓    | ✓    | ✓    | Electronic power board for remote control of the fan coil unit with 0-10V thermostats for continuous modulation (e.g. ATW-EC thermostat)                                                                                |
|                         | AIR FILTRATION        | A207       | UVC LAMP FOR STERILIZATION                                 | ✓    | ✓    | ✓    | ✓    | ✓    | UV lamp. Effective anti-bacterial and anti-virological action for indoor air sterilization. UV bulb life span approx. 12,000 hours                                                                                      |
| Hydraulic connections   | HYDRAULIC CONNECTIONS | A021       | RIGHT HYDRAULIC CONNECTIONS                                | ✓    | ✓    | ✓    | ✓    | ✓    |                                                                                                                                                                                                                         |
|                         | 2-WAY VALVE           | B022       | 2-WAY VALVE ON/OFF 230V                                    | ✓    | ✓    | ✓    | ✓    | ✓    | 2-way valve with ON/OFF actuator                                                                                                                                                                                        |
|                         | 2-WAY VALVE           | B024       | MANUAL 2-WAY VALVE                                         | ✓    | ✓    | ✓    | ✓    | ✓    | 2-way manual valve with micrometric regulation                                                                                                                                                                          |
|                         | 3-WAY VALVE           | B023       | 3-WAY VALVE ON/OFF 230V                                    | ✓    | ✓    | ✓    | ✓    | ✓    | 3-way valve with ON/OFF actuator                                                                                                                                                                                        |
| OTHER LOOSE OPTIONS     |                       |            |                                                            |      |      |      |      |      |                                                                                                                                                                                                                         |
| Control option          | ON-BOARD CONTROLS     | 5549078800 | Kit ATS2 Electronic Control on board for 4 speeds DC Motor | N.A. | N.A. | N.A. | N.A. | N.A. |                                                                                                                                                                                                                         |
|                         |                       | 5549097800 | Kit IKS2 Electronic Control PID on board of the unit       | N.A. | N.A. | N.A. | N.A. | N.A. |                                                                                                                                                                                                                         |
|                         | WALL MOUNTED CONTROLS | 7349036400 | KIT WALL THERMOSTAT ATW CV                                 | ✓    | ✓    | ✓    | ✓    | ✓    | ATW wall mounted thermostat, with 3 fan speeds, set-point management, operation modes selection.                                                                                                                        |
|                         |                       | 5549097600 | Kit IKSW2 v.2 Remote Control with air probe                | ✓    | ✓    | ✓    | ✓    | ✓    | iKSW2 wall mounted thermostat with display for room temperature visualization. Modulating control of the fan speed with PID logic, set-point management, operating modes selection. M/S or BMS connectivity.            |
|                         | ON-BOARD CONTROL UNIT | 5549097500 | Kit IHBS2 Electronic Card PID for remote control IKSW2     | ✓    | ✓    | ✓    | ✓    | ✓    | Electronic power board for remote control of the fan coil unit to be coupled with iKSW2 thermostat (modulating fan speed). Master /Slave configuration up to 30 units with only one iKSW2 thermostat. BMS connectivity. |
|                         |                       | 5549078900 | Kit HBS2 Control powerboard for 4 speeds DC motor          | ✓    | ✓    | ✓    | ✓    | ✓    | Electronic power board for remote control of the fan coil unit to be coupled with ATW thermostat (3 fan speed).                                                                                                         |
|                         |                       | 5549079000 | Kit HBS2 0-10V powerboard with 0-10V signal                | ✓    | ✓    | ✓    | ✓    | ✓    | Electronic power board for remote control of the fan coil unit with 0-10V thermostats for continuous modulation (e.g. ATW-EC thermostat)                                                                                |
|                         | AIR FILTRATION        | 5549047100 | UVC AIR FILTER FOR i-LIFE2 SLIM 080                        | ✓    | ✓    | ✓    | ✓    | ✓    | Kit with UV lamp, control gear, connection wires. Effective anti-bacterial and anti-virological action for indoor air sterilization. UV bulb life span approx. 12,000 hours                                             |
|                         |                       | 5549047200 | UVC AIR FILTER FOR i-LIFE2 SLIM 170                        | ✓    | ✓    | ✓    | ✓    | ✓    |                                                                                                                                                                                                                         |
|                         |                       | 5549047300 | UVC AIR FILTER FOR i-LIFE2 SLIM 270                        | ✓    | ✓    | ✓    | ✓    | ✓    |                                                                                                                                                                                                                         |
|                         |                       | 5549047400 | UVC AIR FILTER FOR i-LIFE2 SLIM 320                        | ✓    | ✓    | ✓    | ✓    | ✓    |                                                                                                                                                                                                                         |
|                         |                       | 5549047500 | UVC AIR FILTER FOR i-LIFE2 SLIM 370                        | ✓    | ✓    | ✓    | ✓    | ✓    |                                                                                                                                                                                                                         |
| Hydraulic connections   | 2-WAY VALVE           | 5549053000 | 2-WAY VALVE ON/OFF 230V                                    | ✓    | ✓    | ✓    | ✓    | ✓    | 2-way valve kit with ON/OFF actuator                                                                                                                                                                                    |
|                         | 2-WAY VALVE           | 5549053100 | MANUAL 2-WAY VALVE                                         | ✓    | ✓    | ✓    | ✓    | ✓    | 2-way manual kit valve with micrometric regulation                                                                                                                                                                      |
|                         | 3-WAY VALVE           | 5549053200 | 3-WAY VALVE ON/OFF 230V                                    | ✓    | ✓    | ✓    | ✓    | ✓    | 3-way valve kit with ON/OFF actuator                                                                                                                                                                                    |
| Other                   | AIR DELIVERY GRID     | 5549040300 | Aluminium ducted kit for air delivery i-LIFE2 SLIM 080     | ✓    | N.A. | N.A. | N.A. | N.A. |                                                                                                                                                                                                                         |
|                         |                       | 5549040500 | Aluminium ducted kit for air delivery i-LIFE2 SLIM 170     | N.A. | ✓    | N.A. | N.A. | N.A. |                                                                                                                                                                                                                         |
|                         |                       | 5549040700 | Aluminium ducted kit for air delivery i-LIFE2 SLIM 270     | N.A. | N.A. | ✓    | N.A. | N.A. |                                                                                                                                                                                                                         |
|                         |                       | 5549046400 | Aluminium ducted kit for air delivery i-LIFE2 SLIM 320     | N.A. | N.A. | N.A. | ✓    | N.A. |                                                                                                                                                                                                                         |
|                         |                       | 5549046500 | Aluminium ducted kit for air delivery i-LIFE2 SLIM 370     | N.A. | N.A. | N.A. | N.A. | ✓    |                                                                                                                                                                                                                         |
|                         | DELIVERY PLENUM       | 5549038300 | PLENUM KITS i-LIFE2 SLIM FOR AIR OUTLET 80                 | ✓    | N.A. | N.A. | N.A. | N.A. |                                                                                                                                                                                                                         |
|                         |                       | 5549038500 | PLENUM KITS i-LIFE2 SLIM FOR AIR OUTLET 170                | N.A. | ✓    | N.A. | N.A. | N.A. |                                                                                                                                                                                                                         |
|                         |                       | 5549038700 | PLENUM KITS i-LIFE2 SLIM FOR AIR OUTLET 270                | N.A. | N.A. | ✓    | N.A. | N.A. |                                                                                                                                                                                                                         |
|                         |                       | 5549038900 | PLENUM KITS i-LIFE2 SLIM FOR AIR OUTLET 320                | N.A. | N.A. | N.A. | ✓    | N.A. |                                                                                                                                                                                                                         |
|                         |                       | 5549039100 | PLENUM KITS i-LIFE2 SLIM FOR AIR OUTLET 370                | N.A. | N.A. | N.A. | N.A. | ✓    |                                                                                                                                                                                                                         |
|                         |                       | 5549039300 | PLENUM KITS i-LIFE2 SLIM AT 90° FOR AIR OUTLET 80          | ✓    | N.A. | N.A. | N.A. | N.A. |                                                                                                                                                                                                                         |
|                         |                       | 5549039500 | PLENUM KITS i-LIFE2 SLIM AT 90° FOR AIR OUTLET 170         | N.A. | ✓    | N.A. | N.A. | N.A. |                                                                                                                                                                                                                         |
|                         |                       | 5549039700 | PLENUM KITS i-LIFE2 SLIM AT 90° FOR AIR OUTLET 270         | N.A. | N.A. | ✓    | N.A. | N.A. | Mandatory for i-LIFE2 SLIM 2T DLMO, alternative to factory mounted opt. A714                                                                                                                                            |
|                         |                       | 5549039900 | PLENUM KITS i-LIFE2 SLIM AT 90° FOR AIR OUTLET 320         | N.A. | N.A. | N.A. | ✓    | N.A. |                                                                                                                                                                                                                         |
|                         |                       | 5549040100 | PLENUM KITS i-LIFE2 SLIM AT 90° FOR AIR OUTLET 370         | N.A. | N.A. | N.A. | N.A. | ✓    |                                                                                                                                                                                                                         |



## 3. ACCESSORIES COMPATIBILITY

|                        | Type                  | Option     | Description                                                                       | Size |      |      |      |      | Description |
|------------------------|-----------------------|------------|-----------------------------------------------------------------------------------|------|------|------|------|------|-------------|
|                        |                       |            |                                                                                   | 080  | 170  | 270  | 320  | 370  |             |
| STANDARD CONFIGURATION | VERSION               | B001       | i-LIFE2 SLIM 2T DLIU                                                              |      |      |      |      |      |             |
|                        | POWER SUPPLY          | A552       | 230/1/50 POWER SUPPLY                                                             |      |      |      |      |      |             |
|                        | SYSTEM TYPE           | A611       | 2 PIPES SYSTEM                                                                    |      |      |      |      |      |             |
|                        | FAN TYPE              | A645       | TANGENTIAL FAN WITH EC MOTOR                                                      |      |      |      |      |      |             |
|                        | HYDRAULIC CONNECTIONS | A022       | LEFT HYDRAULIC CONNECTIONS                                                        |      |      |      |      |      |             |
|                        | CONTROL UNIT          | B010       | WITHOUT CONTROL                                                                   |      |      |      |      |      |             |
| OTHER LOOSE OPTIONS    |                       |            |                                                                                   |      |      |      |      |      |             |
| Other                  | DRAIN TRAY            | 5549058800 | Side Drain Tray i-LIFE2 SLIM for horizontal installation                          | √    | √    | √    | √    | √    |             |
|                        | AIR INLET GRILLE      | 5549046600 | AIR INLET i-LIFE2 SLIM GRILLE 80                                                  | √    | N.A. | N.A. | N.A. | N.A. |             |
|                        |                       | 5549046700 | AIR INLET i-LIFE2 SLIM GRILLE 170                                                 | N.A. | √    | N.A. | N.A. | N.A. |             |
|                        |                       | 5549046800 | AIR INLET i-LIFE2 SLIM GRILLE 270                                                 | N.A. | N.A. | √    | N.A. | N.A. |             |
|                        |                       | 5549046900 | AIR INLET i-LIFE2 SLIM GRILLE 320                                                 | N.A. | N.A. | N.A. | √    | N.A. |             |
|                        |                       | 5549047000 | AIR INLET i-LIFE2 SLIM GRILLE 370                                                 | N.A. | N.A. | N.A. | N.A. | √    |             |
|                        | AIR INLET PLENUM      | 5549037300 | PLENUM KITS i-LIFE2 SLIM FOR AIR INLET 80                                         | √    | N.A. | N.A. | N.A. | N.A. |             |
|                        |                       | 5549037500 | PLENUM KITS i-LIFE2 SLIM FOR AIR INLET 170                                        | N.A. | √    | N.A. | N.A. | N.A. |             |
|                        |                       | 5549037700 | PLENUM KITS i-LIFE2 SLIM FOR AIR INLET 270                                        | N.A. | N.A. | √    | N.A. | N.A. |             |
|                        |                       | 5549037900 | PLENUM KITS i-LIFE2 SLIM FOR AIR INLET 320                                        | N.A. | N.A. | N.A. | √    | N.A. |             |
|                        |                       | 5549038100 | PLENUM KITS i-LIFE2 SLIM FOR AIR INLET 370                                        | N.A. | N.A. | N.A. | N.A. | √    |             |
|                        | AESTHETIC PANEL       | 5549048100 | Covering aesthetic panel unit i-LIFE2 SLIM 080 with frame and grid, White Ral9003 | √    | N.A. | N.A. | N.A. | N.A. |             |
|                        |                       | 5549048200 | Covering aesthetic panel unit i-LIFE2 SLIM 170 with frame and grid, White Ral9003 | N.A. | √    | N.A. | N.A. | N.A. |             |
|                        |                       | 5549048300 | Covering aesthetic panel unit i-LIFE2 SLIM 270 with frame and grid, White Ral9003 | N.A. | N.A. | √    | N.A. | N.A. |             |
|                        |                       | 5549048400 | Covering aesthetic panel unit i-LIFE2 SLIM 320 with frame and grid, White Ral9003 | N.A. | N.A. | N.A. | √    | N.A. |             |
|                        |                       | 5549048500 | Covering aesthetic panel unit i-LIFE2 SLIM 370 with frame and grid, White Ral9003 | N.A. | N.A. | N.A. | N.A. | √    |             |
|                        |                       | 5549048600 | Ceiling aesthetic panel unit i-LIFE2 SLIM 080 with frame and grid, White Ral9003  | √    | N.A. | N.A. | N.A. | N.A. |             |
|                        |                       | 5549048700 | Ceiling aesthetic panel unit i-LIFE2 SLIM 170 with frame and grid, White Ral9003  | N.A. | √    | N.A. | N.A. | N.A. |             |
|                        |                       | 5549048800 | Ceiling aesthetic panel unit i-LIFE2 SLIM 270 with frame and grid, White Ral9003  | N.A. | N.A. | √    | N.A. | N.A. |             |
|                        |                       | 5549048900 | Ceiling aesthetic panel unit i-LIFE2 SLIM 320 with frame and grid, White Ral9003  | N.A. | N.A. | N.A. | √    | N.A. |             |
|                        |                       | 5549052200 | Ceiling aesthetic panel unit i-LIFE2 SLIM 370 with frame and grid, White Ral9003  | N.A. | N.A. | N.A. | N.A. | √    |             |
|                        | FAN COIL ACCESSORY    | 5549047600 | i-LIFE2 SLIM BOX DLIU 080                                                         | √    | N.A. | N.A. | N.A. | N.A. |             |
|                        |                       | 5549047700 | i-LIFE2 SLIM BOX DLIU 170                                                         | N.A. | √    | N.A. | N.A. | N.A. |             |
|                        |                       | 5549047800 | i-LIFE2 SLIM BOX DLIU 270                                                         | N.A. | N.A. | √    | N.A. | N.A. |             |
|                        |                       | 5549047900 | i-LIFE2 SLIM BOX DLIU 320                                                         | N.A. | N.A. | N.A. | √    | N.A. |             |
|                        |                       | 5549048000 | i-LIFE2 SLIM BOX DLIU 370                                                         | N.A. | N.A. | N.A. | N.A. | √    |             |
|                        | GENERIC ACCESSORIES   | 5549053500 | "L" EUROKONUS 90° Fittings                                                        | √    | √    | √    | √    | √    |             |
|                        |                       | 5549053600 | Couple adapters for flat gasket                                                   | √    | √    | √    | √    | √    |             |

## 4. UNIT DESCRIPTION

### i-LIFE2 SLIM DLMO/DLMV/DLRV

#### Covering cabinet

Comprising components made from ABS for the sides and thick coated sheet metal for the front panel.

#### Bearing structure

Thick electro-galvanised sheet metal structure with high corrosion resistance.

For the DLMO units with horizontal installation, the condensate collection pan is required for operation in cooling mode.

Electro-galvanised sheet metal cover cabinet with RAL9003 oven-cured epoxy powder coat.

#### Heat exchange

Coil with corrugated aluminium fins and copper pipes.

Standard left hand water connections.

It's possible to have right hand water connections ordering this special configuration at order stage. The water connections are not reversible on site.

#### Fan motor

Tangential fan with staggered blades to ensure very low noise, fitted on EPDM vibration dampers.

Statically and dynamically balanced impeller, coupled directly to the motor shaft.

#### Air filter

Polypropylene honeycomb air filter, regenerable by washing in water or blowing with air. Class G1 in accordance with EN779.

### i-LIFE2 SLIM DLIU

#### Bearing structure

Thick electro-galvanised sheet metal structure with high corrosion resistance.

The reduced depth means the units can be installed even in narrow walls and false-ceilings.

The extremely low noise makes the units the ideal solution for air-conditioning all types of rooms, especially bedrooms in private homes and hotels.

A wide range of accessories is available to allow every type of installation in combination with different systems.

The units are fitted as standard with double condensate collection pan for both horizontal and vertical installation.

The front cover panel for the built-in structure is available in both the wall-mounted and ceiling-hung version.

The front panel allows the air filter to be cleaned easily by removing the front grill, as well as easy access to the terminal for maintenance.

#### Heat exchange

Coil with corrugated aluminium fins and copper pipes.

Eurokonus threaded fittings. The coil is fitted with a sensor for measuring the water temperature.

#### Fan motor

Tangential fan with staggered blades to ensure very low noise, fitted on EPDM vibration dampers..

Statically and dynamically balanced impeller, coupled directly to the motor shaft.

#### Air filter

Polypropylene honeycomb air filter, regenerable by washing in water or blowing with air. Class G1 in accordance with EN779.

## 5. OPERATING LIMITS

| Operating mode       | Room air temperature |     | Water inlet temperature |     |
|----------------------|----------------------|-----|-------------------------|-----|
|                      | Min                  | Max | Min                     | Max |
| Cooling / Heating °C | 5                    | 32  | 4                       | 80  |

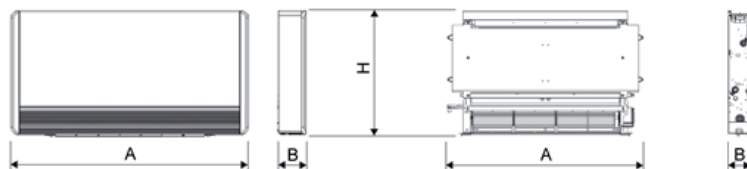
### Maximum water pressure 1,000 kPa

⚠ For correct operation, the fan coil must only be used within the range of temperatures specified in the table. If the unit is operated outside of these limits, malfunctions or pressure drop may occur.

## 6. TECHNICAL DATA SHEET

| i-LIFE2 SLIM / DLMO - DLMV          |              |  | 080      | 170      | 270      | 320      | 370      |
|-------------------------------------|--------------|--|----------|----------|----------|----------|----------|
| <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 |  | 150      | 197      | 320      | 294      | 275      |
| FCEER Class                         |              |  | B        | A        | A        | A        | A        |
| <b>HEATING ONLY (EN14511 VALUE)</b> |              |  |          |          |          |          |          |
| FCCOP                               | (2)(6) kW/kW |  | 183      | 262      | 337      | 401      | 346      |
| FCCOP Class                         |              |  | B        | B        | A        | A        | A        |
| <b>PERFORMANCE</b>                  |              |  |          |          |          |          |          |
| <b>MIN SPEED</b>                    |              |  |          |          |          |          |          |
| Fan Power Input                     | (1) W        |  | 0,70     | 1,62     | 1,82     | 2,47     | 4,91     |
| Air flow rate                       | (1) m³/h     |  | 51       | 122      | 189      | 258      | 367      |
| Total capacity in cooling mode      | (1) kW       |  | 0,40     | 0,81     | 1,32     | 1,62     | 2,00     |
| Total Net Cooling Capacity          | (1)(6)(7) kW |  | 0,40     | 0,81     | 1,32     | 1,62     | 2,00     |
| Sensible capacity in cooling mode   | (1) kW       |  | 0,30     | 0,67     | 1,03     | 1,38     | 1,71     |
| Net sensible cooling capacity       | (1)(6)(7) kW |  | 0,30     | 0,67     | 1,03     | 1,38     | 1,70     |
| Net latent power in cooling         | (1)(6)(7) kW |  | 0,10     | 0,14     | 0,29     | 0,24     | 0,30     |
| Max water flow                      | (1) l/s      |  | 0,02     | 0,04     | 0,06     | 0,08     | 0,10     |
| Pressure Drop in cooling mode       | (1) kPa      |  | 2        | 1        | 6        | 5        | 6        |
| Total capacity (heating mode)       | (2) kW       |  | 0,50     | 1,06     | 1,38     | 2,22     | 2,48     |
| Total Net Heating Capacity          | (2)(6) kW    |  | 0,50     | 1,06     | 1,38     | 2,22     | 2,48     |
| Water flow in heating mode          | (2) l/s      |  | 0,02     | 0,05     | 0,07     | 0,11     | 0,12     |
| Pressure drop in heating mode       | (2) kPa      |  | 3        | 2        | 8        | 9        | 10       |
| Sound Pressure                      | (3) dB(A)    |  | 24       | 26       | 27       | 27       | 31       |
| Sound Power                         | (4)(7) dB(A) |  | 33       | 35       | 36       | 36       | 40       |
| <b>MED SPEED</b>                    |              |  |          |          |          |          |          |
| Fan Power Input                     | (1) W        |  | 4,46     | 10,1     | 9,86     | 11,3     | 12,3     |
| Air flow rate                       | (1) m³/h     |  | 93       | 221      | 334      | 430      | 499      |
| Total capacity in cooling mode      | (1) kW       |  | 0,69     | 1,39     | 2,18     | 2,52     | 2,82     |
| Total Net Cooling Capacity          | (1)(6)(7) kW |  | 0,69     | 1,38     | 2,17     | 2,51     | 2,81     |
| Sensible capacity in cooling mode   | (1) kW       |  | 0,54     | 1,17     | 1,72     | 2,24     | 2,40     |
| Net sensible cooling capacity       | (1)(6)(7) kW |  | 0,54     | 1,16     | 1,71     | 2,23     | 2,39     |
| Net latent power in cooling         | (1)(6)(7) kW |  | 0,15     | 0,22     | 0,46     | 0,28     | 0,42     |
| Max water flow                      | (1) l/s      |  | 0,03     | 0,07     | 0,10     | 0,12     | 0,14     |
| Pressure Drop in cooling mode       | (1) kPa      |  | 5        | 3        | 15       | 11       | 13       |
| Total capacity (heating mode)       | (2) kW       |  | 0,78     | 1,65     | 2,15     | 3,07     | 3,41     |
| Total Net Heating Capacity          | (2)(6) kW    |  | 0,78     | 1,66     | 2,16     | 3,08     | 3,43     |
| Water flow in heating mode          | (2) l/s      |  | 0,04     | 0,08     | 0,12     | 0,15     | 0,16     |
| Pressure drop in heating mode       | (2) kPa      |  | 6        | 5        | 19       | 16       | 20       |
| Sound Pressure                      | (3) dB(A)    |  | 35       | 36       | 37       | 38       | 39       |
| Sound Power                         | (4)(7) dB(A) |  | 44       | 45       | 46       | 47       | 48       |
| <b>MAX SPEED</b>                    |              |  |          |          |          |          |          |
| Fan Power Input                     | (1) W        |  | 10,7     | 19,0     | 20,0     | 29,0     | 33,0     |
| Air flow rate                       | (1) m³/h     |  | 125      | 277      | 425      | 593      | 697      |
| Total capacity in cooling mode      | (1) kW       |  | 0,76     | 1,75     | 2,75     | 3,22     | 3,76     |
| Total Net Cooling Capacity          | (1)(6)(7) kW |  | 0,75     | 1,73     | 2,73     | 3,19     | 3,73     |
| Sensible capacity in cooling mode   | (1) kW       |  | 0,66     | 1,53     | 2,21     | 3,02     | 3,30     |
| Net sensible cooling capacity       | (1)(6)(7) kW |  | 0,65     | 1,51     | 2,19     | 2,99     | 3,27     |
| Net latent power in cooling         | (1)(6)(7) kW |  | 0,10     | 0,22     | 0,54     | 0,20     | 0,46     |
| Max water flow                      | (1) l/s      |  | 0,04     | 0,08     | 0,13     | 0,15     | 0,18     |
| Pressure Drop in cooling mode       | (1) kPa      |  | 6        | 5        | 24       | 17       | 24       |
| Total capacity (heating mode)       | (2) kW       |  | 0,88     | 2,11     | 2,93     | 3,88     | 4,33     |
| Total Net Heating Capacity          | (2)(6) kW    |  | 0,89     | 2,13     | 2,95     | 3,91     | 4,36     |
| Water flow in heating mode          | (2) l/s      |  | 0,04     | 0,10     | 0,16     | 0,19     | 0,21     |
| Pressure drop in heating mode       | (2) kPa      |  | 8        | 8        | 33       | 25       | 32       |
| Sound Pressure                      | (3) dB(A)    |  | 41       | 42       | 44       | 46       | 47       |
| Sound Power                         | (4)(7) dB(A) |  | 50       | 51       | 53       | 55       | 56       |
| <b>SIZE AND WEIGHT</b>              |              |  |          |          |          |          |          |
| A                                   | (5) mm       |  | 737      | 937      | 1137     | 1337     | 1537     |
| B                                   | (5) mm       |  | 131      | 131      | 131      | 131      | 131      |
| H                                   | (5) mm       |  | 579      | 579      | 579      | 579      | 579      |
| Operating weight                    | (5) kg       |  | 17       | 20       | 23       | 26       | 29       |

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



## 6. TECHNICAL DATA SHEET

| i-LIFE2 SLIM / DLIU                   |              |  | 080      | 170      | 270      | 320      | 370      |
|---------------------------------------|--------------|--|----------|----------|----------|----------|----------|
| <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 |  | 150      | 197      | 320      | 294      | 275      |
| FCEER Class                           |              |  | B        | A        | A        | A        | A        |
| <b>HEATING ONLY (EN14511 VALUE)</b>   |              |  |          |          |          |          |          |
| FCCOP                                 | (2)(6) kW/kW |  | 183      | 262      | 337      | 401      | 346      |
| FCCOP Class                           |              |  | B        | B        | A        | A        | A        |
| <b>PERFORMANCE</b>                    |              |  |          |          |          |          |          |
| <b>MIN SPEED</b>                      |              |  |          |          |          |          |          |
| Fan Power Input                       | (1) W        |  | 0,70     | 1,62     | 1,82     | 2,47     | 4,91     |
| Air flow rate                         | (1) m³/h     |  | 51       | 122      | 189      | 258      | 367      |
| <b>Total capacity in cooling mode</b> | (1) kW       |  | 0,40     | 0,81     | 1,32     | 1,62     | 2,00     |
| <b>Total Net Cooling Capacity</b>     | (1)(6)(7) kW |  | 0,40     | 0,81     | 1,32     | 1,62     | 2,00     |
| Sensible capacity in cooling mode     | (1) kW       |  | 0,30     | 0,67     | 1,03     | 1,38     | 1,71     |
| Net sensible cooling capacity         | (1)(6)(7) kW |  | 0,30     | 0,67     | 1,03     | 1,38     | 1,70     |
| Net latent power in cooling           | (1)(6)(7) kW |  | 0,10     | 0,14     | 0,29     | 0,24     | 0,30     |
| Max water flow                        | (1) l/s      |  | 0,02     | 0,04     | 0,06     | 0,08     | 0,10     |
| Pressure Drop in cooling mode         | (1) kPa      |  | 2        | 1        | 6        | 5        | 6        |
| <b>Total capacity (heating mode)</b>  | (2) kW       |  | 0,50     | 1,06     | 1,38     | 2,22     | 2,48     |
| <b>Total Net Heating Capacity</b>     | (2)(6) kW    |  | 0,50     | 1,06     | 1,38     | 2,22     | 2,48     |
| Water flow in heating mode            | (2) l/s      |  | 0,02     | 0,05     | 0,07     | 0,11     | 0,12     |
| Pressure drop in heating mode         | (2) kPa      |  | 3        | 2        | 8        | 9        | 10       |
| Sound Pressure                        | (3) dB(A)    |  | 24       | 26       | 27       | 27       | 31       |
| Sound Power                           | (4)(7) dB(A) |  | 33       | 35       | 36       | 36       | 40       |
| <b>MED SPEED</b>                      |              |  |          |          |          |          |          |
| Fan Power Input                       | (1) W        |  | 4,46     | 10,1     | 9,86     | 11,3     | 12,3     |
| Air flow rate                         | (1) m³/h     |  | 93       | 221      | 334      | 430      | 499      |
| <b>Total capacity in cooling mode</b> | (1) kW       |  | 0,69     | 1,39     | 2,18     | 2,52     | 2,82     |
| <b>Total Net Cooling Capacity</b>     | (1)(6)(7) kW |  | 0,69     | 1,38     | 2,17     | 2,51     | 2,81     |
| Sensible capacity in cooling mode     | (1) kW       |  | 0,54     | 1,17     | 1,72     | 2,24     | 2,40     |
| Net sensible cooling capacity         | (1)(6)(7) kW |  | 0,54     | 1,16     | 1,71     | 2,23     | 2,39     |
| Net latent power in cooling           | (1)(6)(7) kW |  | 0,15     | 0,22     | 0,46     | 0,28     | 0,42     |
| Max water flow                        | (1) l/s      |  | 0,03     | 0,07     | 0,10     | 0,12     | 0,14     |
| Pressure Drop in cooling mode         | (1) kPa      |  | 5        | 3        | 15       | 11       | 13       |
| <b>Total capacity (heating mode)</b>  | (2) kW       |  | 0,78     | 1,65     | 2,15     | 3,07     | 3,41     |
| <b>Total Net Heating Capacity</b>     | (2)(6) kW    |  | 0,78     | 1,66     | 2,16     | 3,08     | 3,43     |
| Water flow in heating mode            | (2) l/s      |  | 0,04     | 0,08     | 0,12     | 0,15     | 0,16     |
| Pressure drop in heating mode         | (2) kPa      |  | 6        | 5        | 19       | 16       | 20       |
| Sound Pressure                        | (3) dB(A)    |  | 35       | 36       | 37       | 38       | 39       |
| Sound Power                           | (4)(7) dB(A) |  | 44       | 45       | 46       | 47       | 48       |
| <b>MAX SPEED</b>                      |              |  |          |          |          |          |          |
| Fan Power Input                       | (1) W        |  | 10,7     | 19,0     | 20,0     | 29,0     | 33,0     |
| Air flow rate                         | (1) m³/h     |  | 125      | 277      | 425      | 593      | 697      |
| <b>Total capacity in cooling mode</b> | (1) kW       |  | 0,76     | 1,75     | 2,75     | 3,22     | 3,76     |
| <b>Total Net Cooling Capacity</b>     | (1)(6)(7) kW |  | 0,75     | 1,73     | 2,73     | 3,19     | 3,73     |
| Sensible capacity in cooling mode     | (1) kW       |  | 0,66     | 1,53     | 2,21     | 3,02     | 3,30     |
| Net sensible cooling capacity         | (1)(6)(7) kW |  | 0,65     | 1,51     | 2,19     | 2,99     | 3,27     |
| Net latent power in cooling           | (1)(6)(7) kW |  | 0,10     | 0,22     | 0,54     | 0,20     | 0,46     |
| Max water flow                        | (1) l/s      |  | 0,04     | 0,08     | 0,13     | 0,15     | 0,18     |
| Pressure Drop in cooling mode         | (1) kPa      |  | 6        | 5        | 24       | 17       | 24       |
| <b>Total capacity (heating mode)</b>  | (2) kW       |  | 0,88     | 2,11     | 2,93     | 3,88     | 4,33     |
| <b>Total Net Heating Capacity</b>     | (2)(6) kW    |  | 0,89     | 2,13     | 2,95     | 3,91     | 4,36     |
| Water flow in heating mode            | (2) l/s      |  | 0,04     | 0,10     | 0,16     | 0,19     | 0,21     |
| Pressure drop in heating mode         | (2) kPa      |  | 8        | 8        | 33       | 25       | 32       |
| Sound Pressure                        | (3) dB(A)    |  | 41       | 42       | 44       | 46       | 47       |
| Sound Power                           | (4)(7) dB(A) |  | 50       | 51       | 53       | 55       | 56       |
| <b>SIZE AND WEIGHT</b>                |              |  |          |          |          |          |          |
| A                                     | (5) mm       |  | 525      | 725      | 925      | 1125     | 1325     |
| B                                     | (5) mm       |  | 126      | 126      | 126      | 126      | 126      |
| H                                     | (5) mm       |  | 576      | 576      | 576      | 576      | 576      |
| Operating weight                      | (5) kg       |  | 9        | 12       | 15       | 18       | 21       |

Notes:

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

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

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

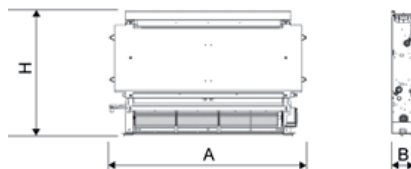
4 Sound power on the basis of measurements made in compliance with ISO 3741 and Eurovent 8/2.

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

6 Values in compliance with EN14511-3:2013.

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

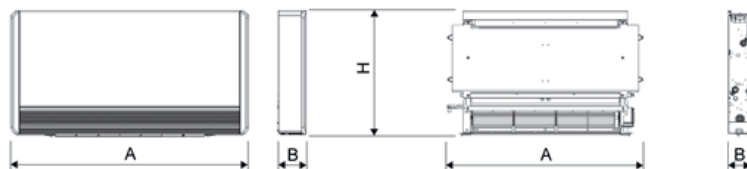
Certified data in EUROVENT



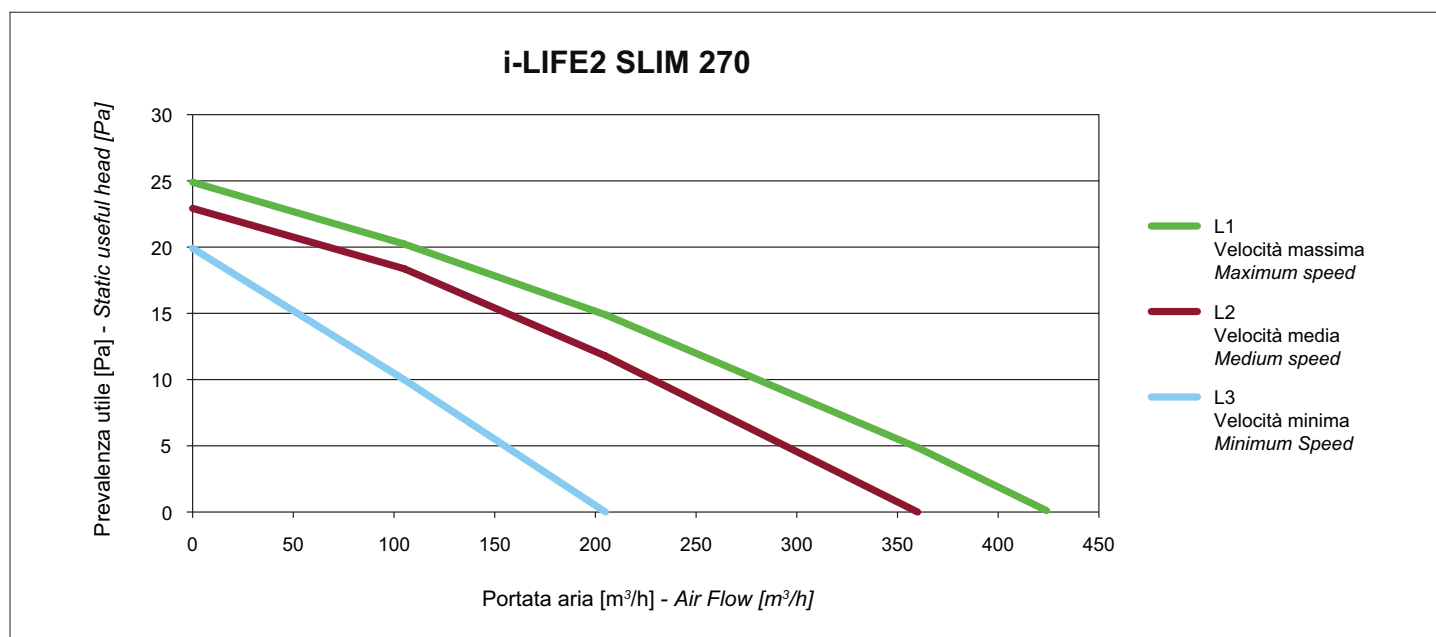
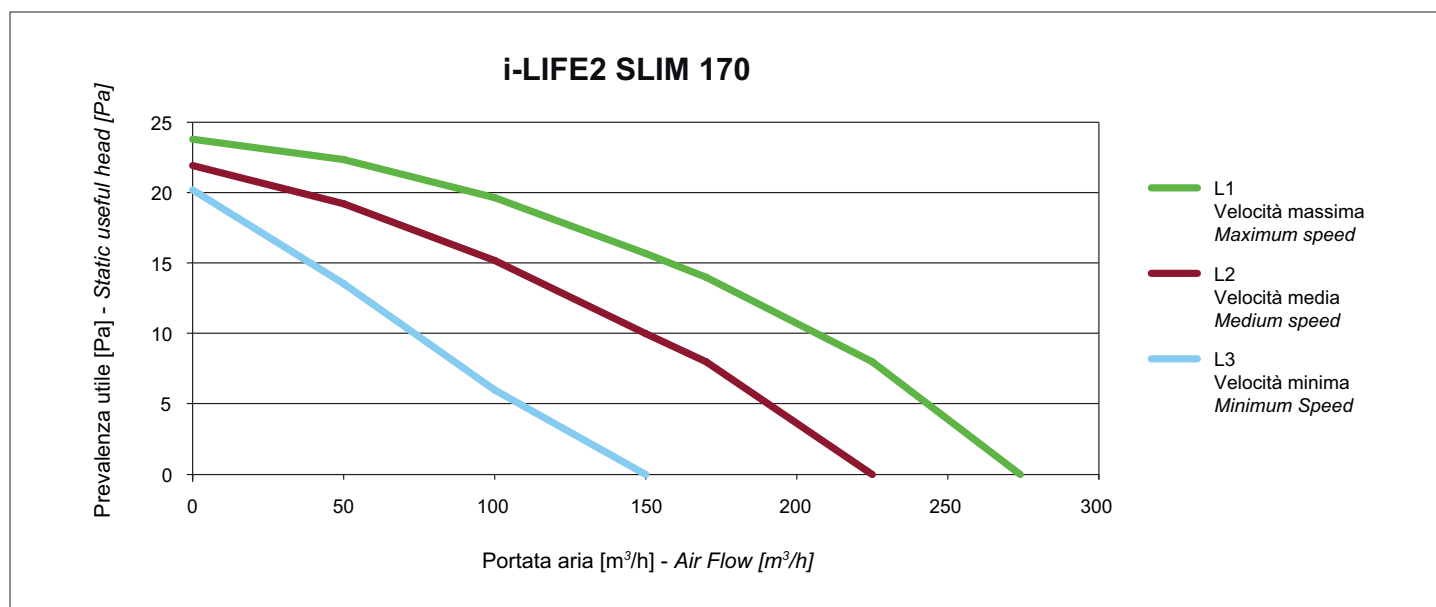
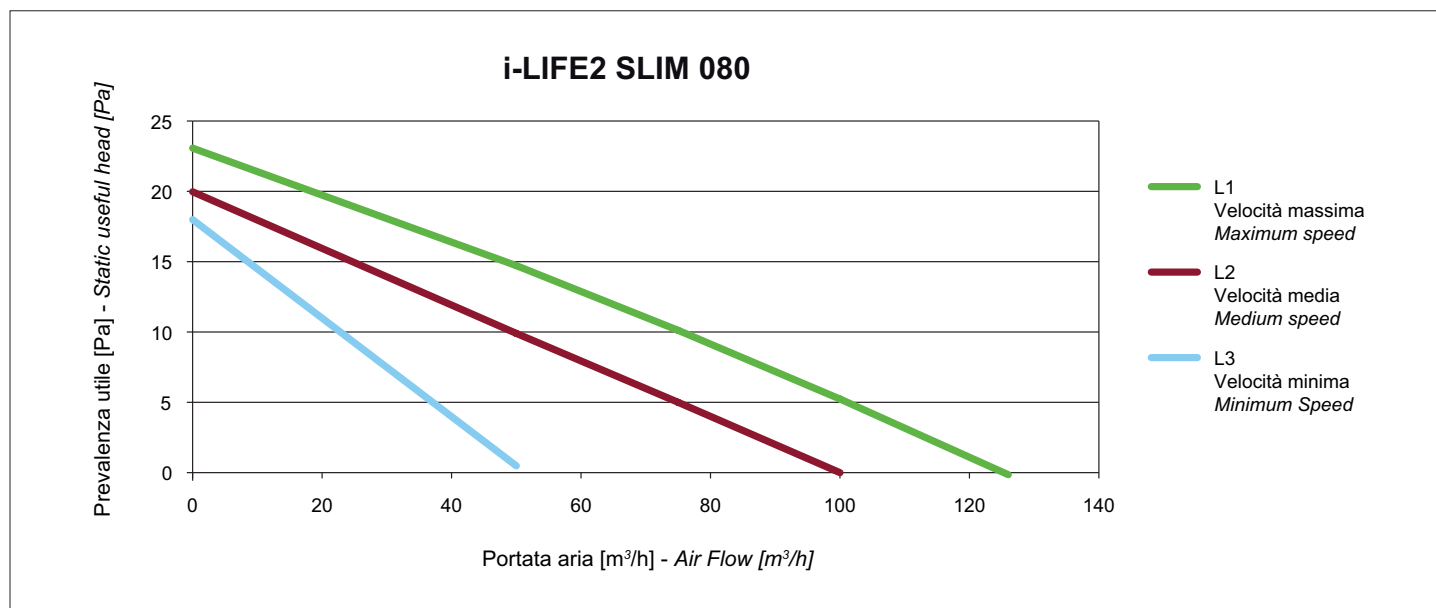
## 6. TECHNICAL DATA SHEET

| i-LIFE2 SLIM / DLRV                 |              |  | 080      | 170      | 270      | 320      | 370      |
|-------------------------------------|--------------|--|----------|----------|----------|----------|----------|
| <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 |  | 150      | 197      | 320      | 294      | 275      |
| FCEER Class                         |              |  | B        | A        | A        | A        | A        |
| <b>HEATING ONLY (EN14511 VALUE)</b> |              |  |          |          |          |          |          |
| FCCOP                               | (2)(6) kW/kW |  | 183      | 262      | 337      | 401      | 346      |
| FCCOP Class                         |              |  | B        | B        | A        | A        | A        |
| <b>PERFORMANCE</b>                  |              |  |          |          |          |          |          |
| <b>MIN SPEED</b>                    |              |  |          |          |          |          |          |
| Fan Power Input                     | (1) W        |  | 0,70     | 1,62     | 1,82     | 2,47     | 4,91     |
| Air flow rate                       | (1) m³/h     |  | 51       | 122      | 189      | 258      | 367      |
| Total capacity in cooling mode      | (1) kW       |  | 0,40     | 0,81     | 1,32     | 1,62     | 2,00     |
| Total Net Cooling Capacity          | (1)(6)(7) kW |  | 0,40     | 0,81     | 1,32     | 1,62     | 2,00     |
| Sensible capacity in cooling mode   | (1) kW       |  | 0,30     | 0,67     | 1,03     | 1,38     | 1,71     |
| Net sensible cooling capacity       | (1)(6)(7) kW |  | 0,30     | 0,67     | 1,03     | 1,38     | 1,70     |
| Net latent power in cooling         | (1)(6)(7) kW |  | 0,10     | 0,14     | 0,29     | 0,24     | 0,30     |
| Max water flow                      | (1) l/s      |  | 0,02     | 0,04     | 0,06     | 0,08     | 0,10     |
| Pressure Drop in cooling mode       | (1) kPa      |  | 2        | 1        | 6        | 5        | 6        |
| Total capacity (heating mode)       | (2) kW       |  | 0,50     | 1,06     | 1,38     | 2,22     | 2,48     |
| Total Net Heating Capacity          | (2)(6) kW    |  | 0,50     | 1,06     | 1,38     | 2,22     | 2,48     |
| Water flow in heating mode          | (2) l/s      |  | 0,02     | 0,05     | 0,07     | 0,11     | 0,12     |
| Pressure drop in heating mode       | (2) kPa      |  | 3        | 2        | 8        | 9        | 10       |
| Sound Pressure                      | (3) dB(A)    |  | 24       | 26       | 27       | 27       | 31       |
| Sound Power                         | (4)(7) dB(A) |  | 33       | 35       | 36       | 36       | 40       |
| <b>MED SPEED</b>                    |              |  |          |          |          |          |          |
| Fan Power Input                     | (1) W        |  | 4,46     | 10,1     | 9,86     | 11,3     | 12,3     |
| Air flow rate                       | (1) m³/h     |  | 93       | 221      | 334      | 430      | 499      |
| Total capacity in cooling mode      | (1) kW       |  | 0,69     | 1,39     | 2,18     | 2,52     | 2,82     |
| Total Net Cooling Capacity          | (1)(6)(7) kW |  | 0,69     | 1,38     | 2,17     | 2,51     | 2,81     |
| Sensible capacity in cooling mode   | (1) kW       |  | 0,54     | 1,17     | 1,72     | 2,24     | 2,40     |
| Net sensible cooling capacity       | (1)(6)(7) kW |  | 0,54     | 1,16     | 1,71     | 2,23     | 2,39     |
| Net latent power in cooling         | (1)(6)(7) kW |  | 0,15     | 0,22     | 0,46     | 0,28     | 0,42     |
| Max water flow                      | (1) l/s      |  | 0,03     | 0,07     | 0,10     | 0,12     | 0,14     |
| Pressure Drop in cooling mode       | (1) kPa      |  | 5        | 3        | 15       | 11       | 13       |
| Total capacity (heating mode)       | (2) kW       |  | 0,78     | 1,65     | 2,15     | 3,07     | 3,41     |
| Total Net Heating Capacity          | (2)(6) kW    |  | 0,78     | 1,66     | 2,16     | 3,08     | 3,43     |
| Water flow in heating mode          | (2) l/s      |  | 0,04     | 0,08     | 0,12     | 0,15     | 0,16     |
| Pressure drop in heating mode       | (2) kPa      |  | 6        | 5        | 19       | 16       | 20       |
| Sound Pressure                      | (3) dB(A)    |  | 35       | 36       | 37       | 38       | 39       |
| Sound Power                         | (4)(7) dB(A) |  | 44       | 45       | 46       | 47       | 48       |
| <b>MAX SPEED</b>                    |              |  |          |          |          |          |          |
| Fan Power Input                     | (1) W        |  | 10,7     | 19,0     | 20,0     | 29,0     | 33,0     |
| Air flow rate                       | (1) m³/h     |  | 125      | 277      | 425      | 593      | 697      |
| Total capacity in cooling mode      | (1) kW       |  | 0,76     | 1,75     | 2,75     | 3,22     | 3,76     |
| Total Net Cooling Capacity          | (1)(6)(7) kW |  | 0,75     | 1,73     | 2,73     | 3,19     | 3,73     |
| Sensible capacity in cooling mode   | (1) kW       |  | 0,66     | 1,53     | 2,21     | 3,02     | 3,30     |
| Net sensible cooling capacity       | (1)(6)(7) kW |  | 0,65     | 1,51     | 2,19     | 2,99     | 3,27     |
| Net latent power in cooling         | (1)(6)(7) kW |  | 0,10     | 0,22     | 0,54     | 0,20     | 0,46     |
| Max water flow                      | (1) l/s      |  | 0,04     | 0,08     | 0,13     | 0,15     | 0,18     |
| Pressure Drop in cooling mode       | (1) kPa      |  | 6        | 5        | 24       | 17       | 24       |
| Total capacity (heating mode)       | (2) kW       |  | 0,88     | 2,11     | 2,93     | 3,88     | 4,33     |
| Total Net Heating Capacity          | (2)(6) kW    |  | 0,89     | 2,13     | 2,95     | 3,91     | 4,36     |
| Water flow in heating mode          | (2) l/s      |  | 0,04     | 0,10     | 0,16     | 0,19     | 0,21     |
| Pressure drop in heating mode       | (2) kPa      |  | 8        | 8        | 33       | 25       | 32       |
| Sound Pressure                      | (3) dB(A)    |  | 41       | 42       | 44       | 46       | 47       |
| Sound Power                         | (4)(7) dB(A) |  | 50       | 51       | 53       | 55       | 56       |
| <b>SIZE AND WEIGHT</b>              |              |  |          |          |          |          |          |
| A                                   | (5) mm       |  | 737      | 937      | 1137     | 1337     | 1537     |
| B                                   | (5) mm       |  | 131      | 131      | 131      | 131      | 131      |
| H                                   | (5) mm       |  | 579      | 579      | 579      | 579      | 579      |
| Operating weight                    | (5) kg       |  | 17       | 20       | 23       | 26       | 29       |

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

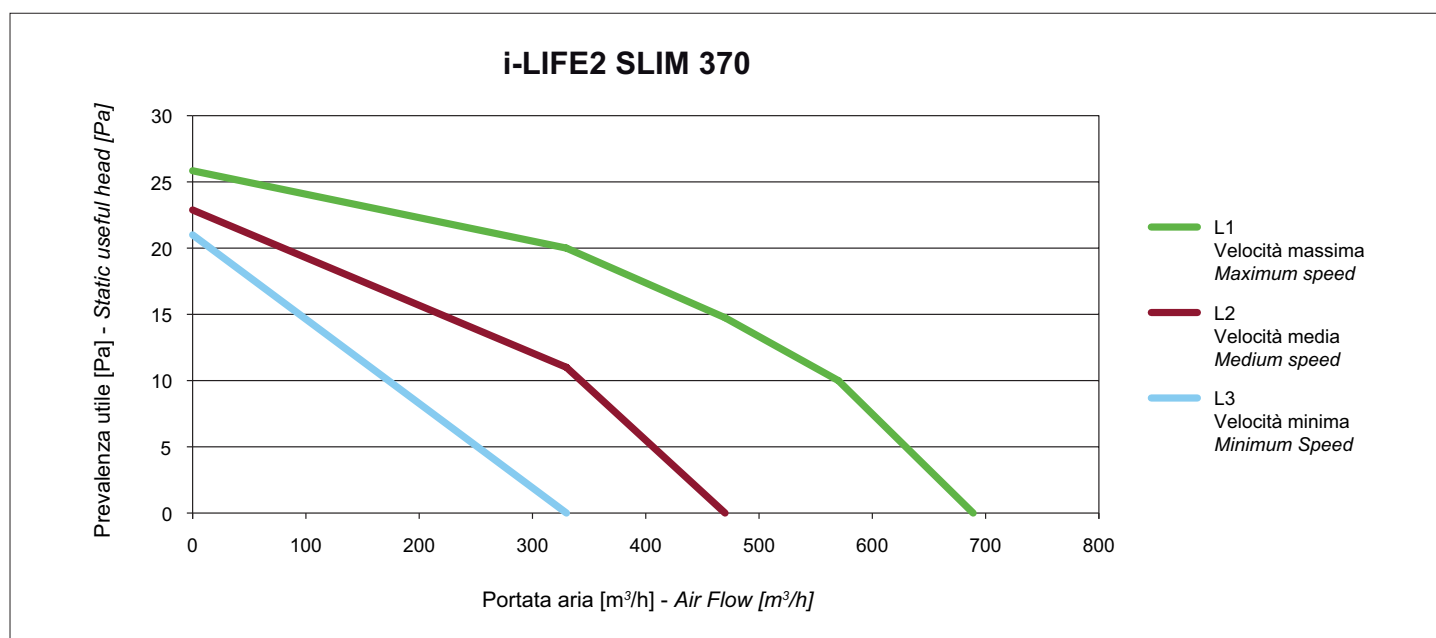
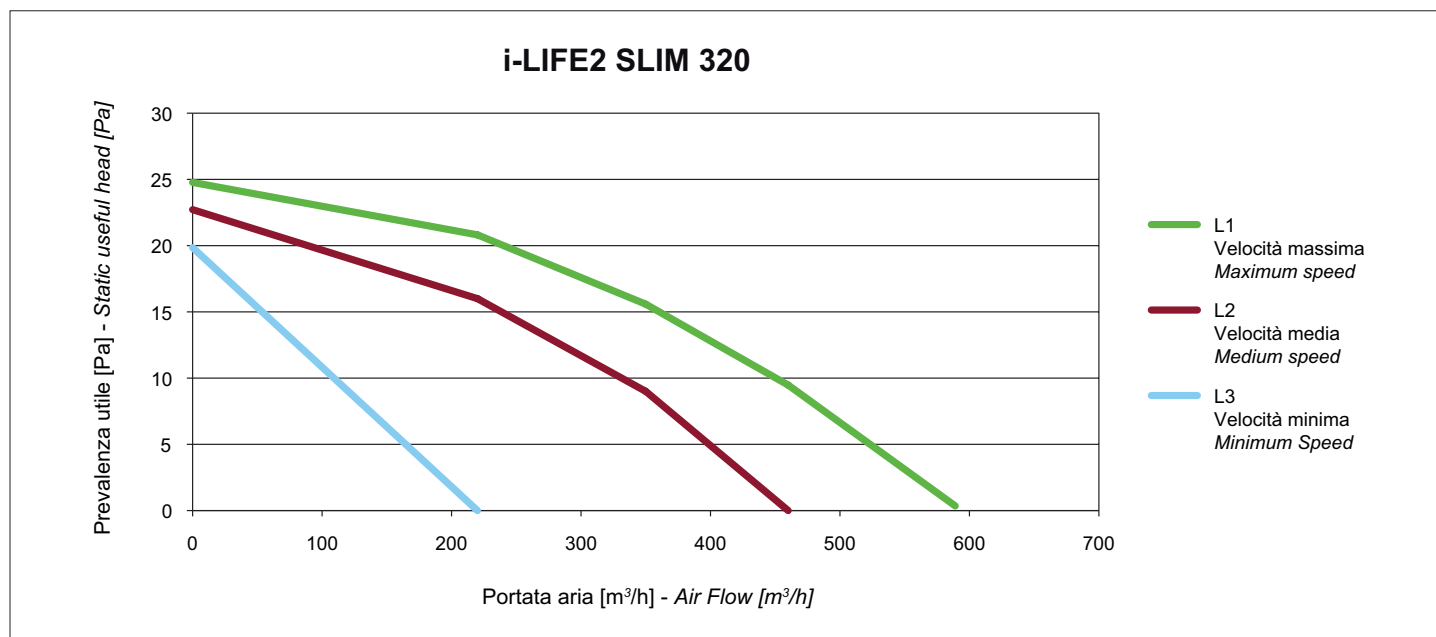


## 7. FAN PERFORMANCES CURVES

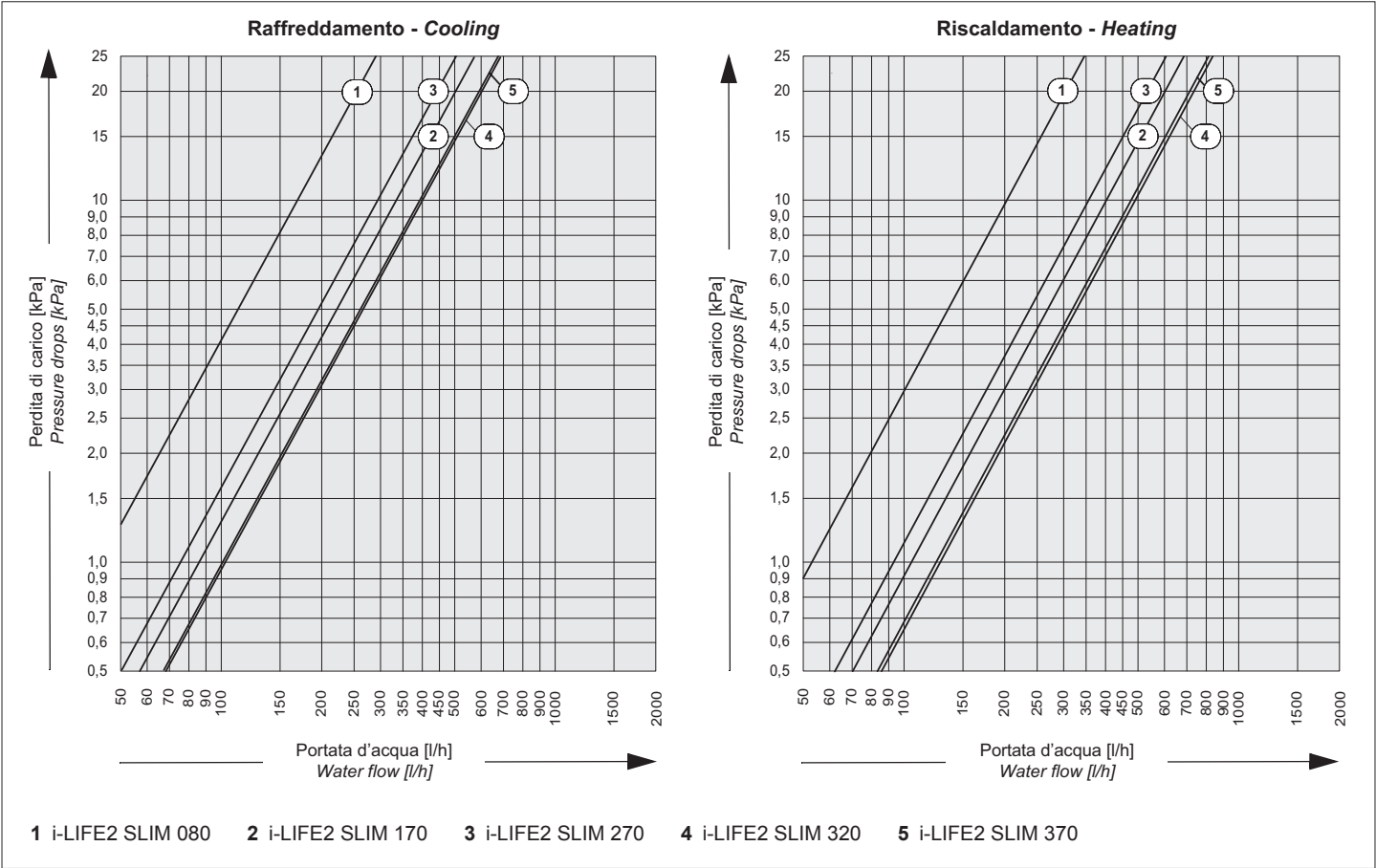




## 7. FAN PERFORMANCES CURVES



8. PRESSURE DROP



## 9. SOUND PRESSURE LEVEL

| Model                                  |       | i-LIFE2 SLIM 080 |      |     | i-LIFE2 SLIM 170 |      |     | i-LIFE2 SLIM 270 |      |     | i-LIFE2 SLIM 320 |      |     | i-LIFE2 SLIM 370 |      |     |
|----------------------------------------|-------|------------------|------|-----|------------------|------|-----|------------------|------|-----|------------------|------|-----|------------------|------|-----|
|                                        |       | DLMV/O           | DLRV | DLI | DLMV/O           | DLRV | DLI | DLMV/O           | DLRV | DLI | DLMV/O           | DLRV | DLI | DLMV/O           | DLRV | DLI |
| (g) Sound pressure at maximum air flow | dB(A) | 41               | 41   | 41  | 42               | 42   | 42  | 44               | 44   | 44  | 46               | 46   | 46  | 47               | 47   | 47  |
| (g) Sound pressure at medium air flow  | dB(A) | 35               | 35   | 35  | 36               | 36   | 36  | 37               | 37   | 37  | 38               | 38   | 38  | 39               | 39   | 39  |
| (g) Sound pressure at minimum air flow | dB(A) | 24               | 24   | 24  | 26               | 26   | 26  | 27               | 27   | 27  | 27               | 27   | 27  | 31               | 31   | 31  |

(g) Sound Pressure on the bases of measurements made in semianecoic chamber in compliance with ISO 7779

## 10. SOUND POWER LEVEL

| Model                     |       | i-LIFE2 SLIM 080 |      |     | i-LIFE2 SLIM 170 |      |     | i-LIFE2 SLIM 270 |      |     | i-LIFE2 SLIM 320 |      |     | i-LIFE2 SLIM 370 |      |     |
|---------------------------|-------|------------------|------|-----|------------------|------|-----|------------------|------|-----|------------------|------|-----|------------------|------|-----|
|                           |       | DLMV/O           | DLRV | DLI | DLMV/O           | DLRV | DLI | DLMV/O           | DLRV | DLI | DLMV/O           | DLRV | DLI | DLMV/O           | DLRV | DLI |
| (g) Max speed sound power | dB(A) | 50               | 50   | 50  | 51               | 51   | 51  | 53               | 53   | 53  | 55               | 55   | 55  | 56               | 56   | 56  |
| (g) Med speed sound power | dB(A) | 44               | 44   | 44  | 45               | 45   | 45  | 46               | 46   | 46  | 47               | 47   | 47  | 48               | 48   | 48  |
| (g) Min speed sound power | dB(A) | 33               | 33   | 33  | 35               | 35   | 35  | 36               | 36   | 36  | 36               | 36   | 36  | 40               | 40   | 40  |

(g) Sound Pressure on the bases of measurements made in semianecoic chamber in compliance with ISO 7779

| i-LIFE2 SLIM 080 |           | 100 Hz | 125 Hz | 160 Hz | 200 Hz | 250 Hz | 315 Hz | 400 Hz | 500 Hz | 630 Hz | 800 Hz | 1 kHz | 1.25 kHz | 1.6 kHz | 2 kHz | 2.5 kHz | 3.15 kHz | 4 kHz | 5 kHz | 6.3 kHz | 8 kHz | 10 kHz | dB(A) |
|------------------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|----------|---------|-------|---------|----------|-------|-------|---------|-------|--------|-------|
| dB(A)            | Max Speed | 49,2   | 34     | 36,5   | 37,2   | 39,9   | 43,3   | 45,4   | 41     | 40,5   | 43,5   | 41,8  | 39,8     | 38      | 37,2  | 34,1    | 32,8     | 29,5  | 26,8  | 23,2    | 19    | 18,8   | 50,0  |
| dB(A)            | Med Speed | 48,8   | 30,1   | 31,2   | 32,1   | 35,9   | 42,6   | 37,5   | 35,9   | 36,5   | 36,8   | 34,6  | 32,9     | 30,8    | 29,5  | 25,8    | 24,3     | 20,7  | 19,5  | 17,8    | 15,5  | 18,9   | 44,0  |
| dB(A)            | Min Speed | 46,5   | 24,5   | 20,4   | 26,1   | 29,8   | 27,3   | 27,2   | 26     | 25     | 21,9   | 19,8  | 19,3     | 15,6    | 14    | 10,2    | 14,2     | 12,6  | 15,5  | 14,8    | 13,2  | 16,8   | 33,0  |
| i-LIFE2 SLIM 170 |           | 100 Hz | 125 Hz | 160 Hz | 200 Hz | 250 Hz | 315 Hz | 400 Hz | 500 Hz | 630 Hz | 800 Hz | 1 kHz | 1.25 kHz | 1.6 kHz | 2 kHz | 2.5 kHz | 3.15 kHz | 4 kHz | 5 kHz | 6.3 kHz | 8 kHz | 10 kHz | dB(A) |
| dB(A)            | Max Speed | 40,4   | 34,8   | 37,6   | 38,8   | 40,2   | 43,1   | 45     | 41,3   | 41     | 46,3   | 42,6  | 40,7     | 38,9    | 38,2  | 34,9    | 33,6     | 30    | 27,1  | 23,2    | 19    | 18,6   | 51,0  |
| dB(A)            | Med Speed | 43,4   | 30,8   | 32,3   | 34,1   | 36,3   | 41,5   | 37,1   | 36,5   | 40,9   | 38     | 35,2  | 33,7     | 31,6    | 30,4  | 26,4    | 24,8     | 20,8  | 19,5  | 17,6    | 15,3  | 18,7   | 45,0  |
| dB(A)            | Min Speed | 39,9   | 22,8   | 23,8   | 26,8   | 31,2   | 30,9   | 29     | 31,9   | 28,4   | 25,6   | 23,6  | 22,4     | 19,9    | 18    | 13,6    | 14,2     | 11,7  | 14    | 13,6    | 11,7  | 15,3   | 35,0  |
| i-LIFE2 SLIM 270 |           | 100 Hz | 125 Hz | 160 Hz | 200 Hz | 250 Hz | 315 Hz | 400 Hz | 500 Hz | 630 Hz | 800 Hz | 1 kHz | 1.25 kHz | 1.6 kHz | 2 kHz | 2.5 kHz | 3.15 kHz | 4 kHz | 5 kHz | 6.3 kHz | 8 kHz | 10 kHz | dB(A) |
| dB(A)            | Max Speed | 50,2   | 37,3   | 40     | 42,3   | 43,1   | 45,5   | 45,9   | 44     | 43,5   | 47,2   | 44,7  | 42,9     | 41,9    | 40,4  | 37,2    | 36,3     | 32,7  | 29,7  | 25,8    | 21,8  | 21,2   | 53,0  |
| dB(A)            | Med Speed | 47,1   | 31     | 33,1   | 35,9   | 37,1   | 40,4   | 38     | 37,9   | 42     | 39     | 36    | 34,9     | 32,7    | 31,3  | 27,5    | 26,1     | 22,2  | 19,8  | 18,2    | 15,7  | 18,7   | 46,0  |
| dB(A)            | Min Speed | 41,1   | 23     | 24,8   | 27,6   | 30,7   | 30,3   | 29,2   | 33,3   | 29     | 26,8   | 26,5  | 23,7     | 21      | 18,4  | 14,3    | 14,4     | 11,4  | 13,3  | 13,3    | 11,3  | 14,9   | 36,0  |
| i-LIFE2 SLIM 320 |           | 100 Hz | 125 Hz | 160 Hz | 200 Hz | 250 Hz | 315 Hz | 400 Hz | 500 Hz | 630 Hz | 800 Hz | 1 kHz | 1.25 kHz | 1.6 kHz | 2 kHz | 2.5 kHz | 3.15 kHz | 4 kHz | 5 kHz | 6.3 kHz | 8 kHz | 10 kHz | dB(A) |
| dB(A)            | Max Speed | 43,4   | 45,8   | 43,3   | 44,8   | 46,3   | 47,4   | 46,2   | 45,5   | 45,3   | 51,1   | 45,8  | 44,9     | 42,8    | 41,5  | 38,2    | 36,9     | 33,4  | 30,7  | 27,1    | 23,6  | 24,6   | 55,0  |
| dB(A)            | Med Speed | 34,8   | 34     | 36,9   | 40,2   | 40,1   | 41,2   | 39,8   | 39,9   | 43     | 39,3   | 37,4  | 36,2     | 33,3    | 31,4  | 27,3    | 26,3     | 23,2  | 23    | 22,4    | 20,5  | 24,4   | 47,0  |
| dB(A)            | Min Speed | 33,3   | 23,3   | 26,2   | 32,7   | 28,6   | 34,1   | 29,8   | 29,3   | 26,2   | 25,2   | 24,9  | 31,4     | 19      | 14,8  | 11,6    | 11,6     | 13,1  | 13,8  | 14,6    | 15,8  | 18,3   | 36,4  |
| i-LIFE2 SLIM 370 |           | 100 Hz | 125 Hz | 160 Hz | 200 Hz | 250 Hz | 315 Hz | 400 Hz | 500 Hz | 630 Hz | 800 Hz | 1 kHz | 1.25 kHz | 1.6 kHz | 2 kHz | 2.5 kHz | 3.15 kHz | 4 kHz | 5 kHz | 6.3 kHz | 8 kHz | 10 kHz | dB(A) |
| dB(A)            | Max Speed | 50,2   | 49     | 47,8   | 45,8   | 47,8   | 48,4   | 47,1   | 46,2   | 46,2   | 52,2   | 47,1  | 45,2     | 43,3    | 42,1  | 39,4    | 38,4     | 34,9  | 32    | 28,2    | 24,5  | 23,9   | 56,0  |
| dB(A)            | Med Speed | 45,5   | 40,7   | 37,8   | 42,4   | 40,7   | 42,3   | 40,2   | 40,1   | 43     | 41,4   | 38,5  | 36,9     | 34,8    | 33    | 29,8    | 28,3     | 25    | 23,3  | 21,6    | 19    | 21,5   | 48,0  |
| dB(A)            | Min Speed | 45,7   | 30,8   | 31     | 34,3   | 33,2   | 36,3   | 33,1   | 36,1   | 31,4   | 30,6   | 28,7  | 25,7     | 22,9    | 20,7  | 16,6    | 15,9     | 16,3  | 16,6  | 17,5    | 17,6  | 20,6   | 39,2  |

## 11. FANCOIL CONTROLS

### CONTROLLERS

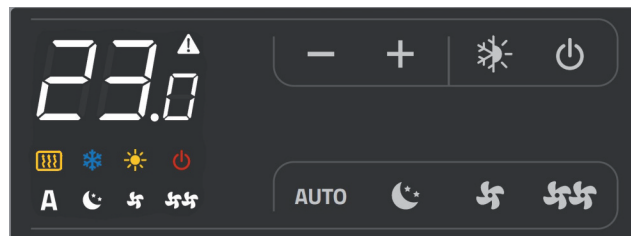
- **iKS2** on board thermostat
- **ATS2** on board thermostat with 4 speeds
- **iKSW2 (+iHBS2 board)** wall mounted thermostat
- **ATW (+HBS2 board)** wall mounted thermostat
- **ATW-EC (+HBS2 0-10 board)** wall mounted thermostat

### iKS2 On-board electronic controller for units with casing

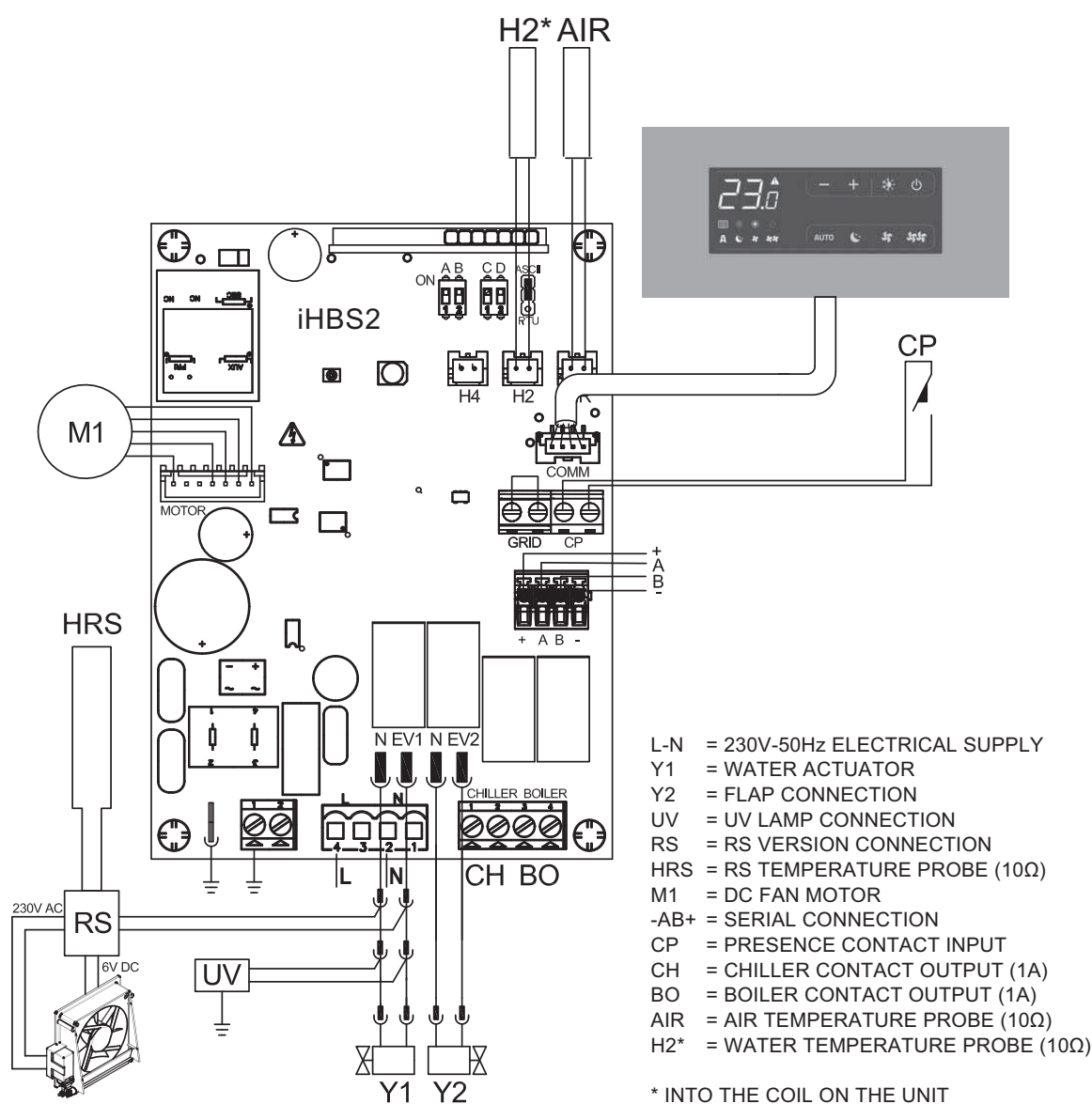
Touch keypad with 8 touch keys, LCD display with coloured symbols. Key lock function. Modulating control of the fan speed with PID logic, set-point management, COOLING/HEATING mode, AUTO mode for fan speed control, NIGHT MODE for silent operation. Minimum water probe and solenoid valves control ON/OFF 230V (The function is available even without the water probe). HOT START function (heating mode only). TOO COOL function (cooling mode only). Outputs for chillers/heat pumps/boiler calls. Contact for motion sensor. BMS connectivity.

### INTERFACES AND REMOTE CONTROL OPTIONS

- **HSB2** Universal interface board for standard thermostats (e.g. ATW).
- **HBS2 0-10** Universal interface board for thermostats with analog output 0-10V (e.g. ATW-EC).



### Electrical connections

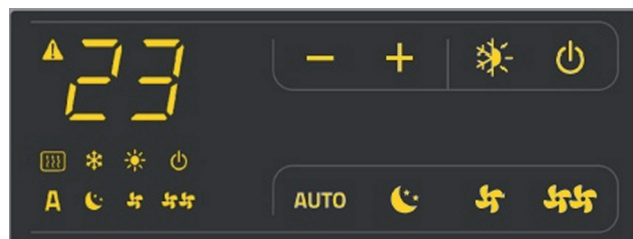


\* If after having powered on the unit the board detects probe H2, normal operation commences, with the minimum water temperature threshold in heating (30°C) and maximum threshold in cooling (20°C).  
The board also allows operation without probe H2, in which case the fan off thresholds are ignored.

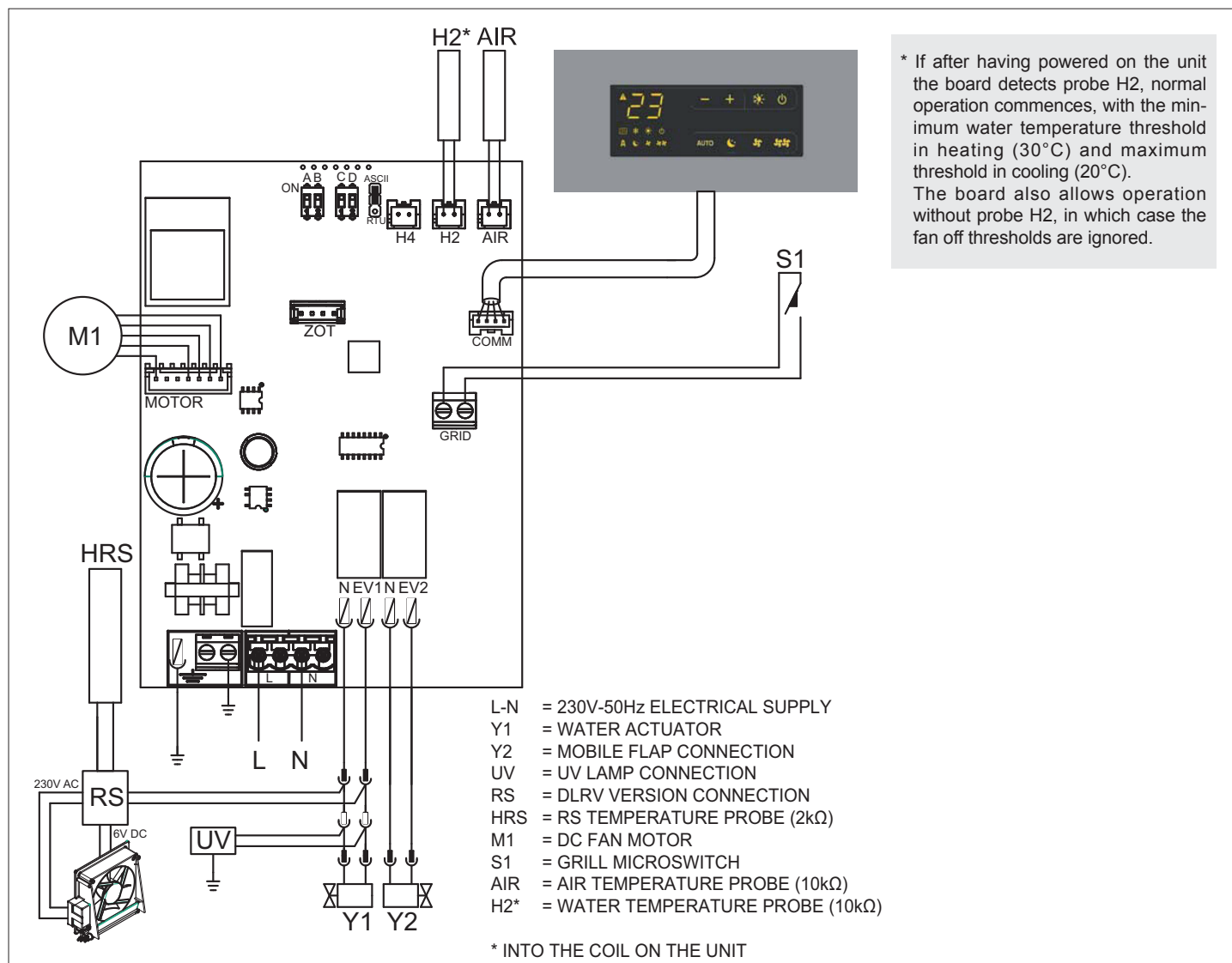
## 11. FANCOIL CONTROLS

### ATS2 On-board LCD electronic controller with 4-speed operation

Interface with 8 keys for the set-point management, COOLING/HEATING mode and 4 fan speed (Min, Max, Night, Auto) with display for room temperature visualization. Key lock function. Minimum water temperature probe and solenoid valve management ON/OFF 230V (The function is available even without the water probe). HOT START function (heating mode only). TOO COOL function (cooling mode only).



### Electrical connections





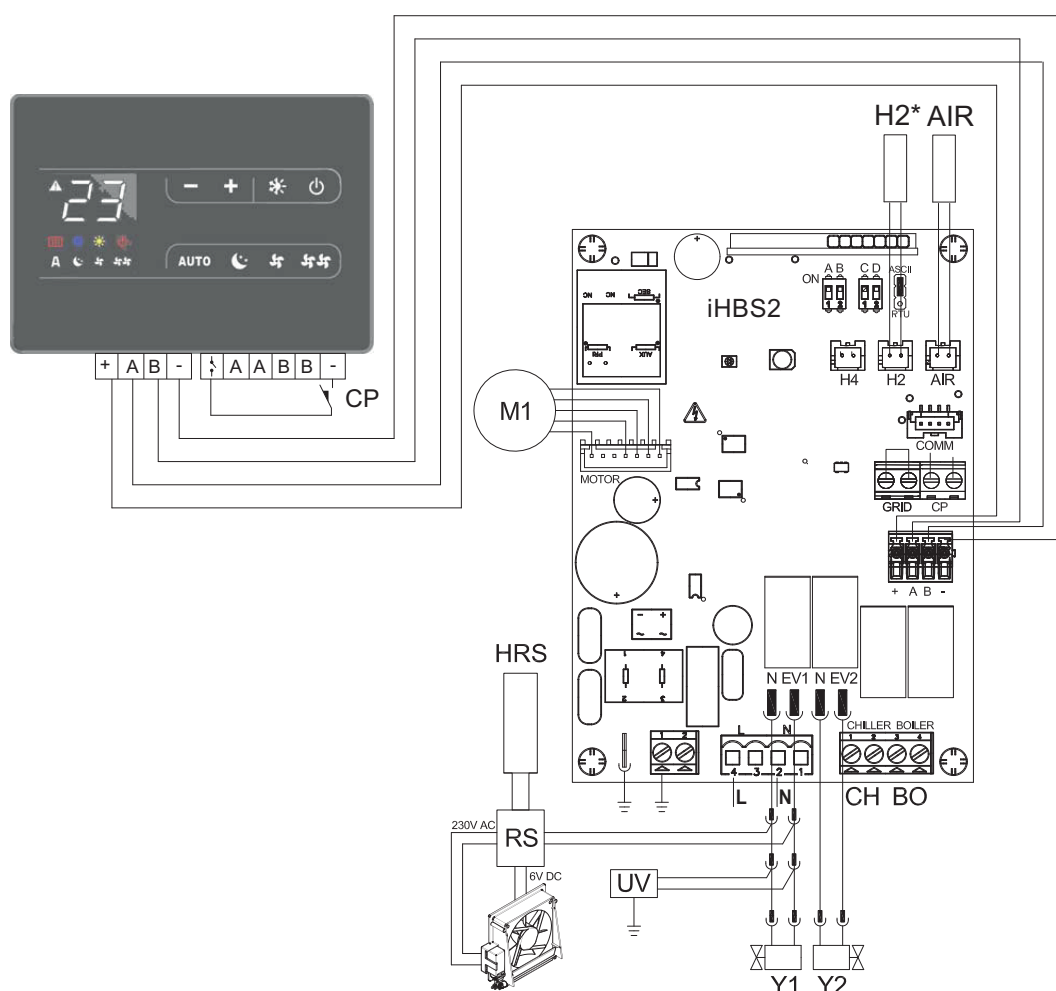
## 11. FANCOIL CONTROLS

### iKSW2 Remote control for built-in units or units with casing (+iHBS2)

Touch keypad with 8 touch keys, LCD display with coloured symbols. Key lock function. Modulating control of the fan speed with PID logic, set-point management, COOLING/HEATING mode, AUTO mode for fan speed control, NIGHT MODE for silent operation. Minimum water probe and solenoid valves control ON/OFF 230V. HOT START function (heating mode only). TOO COOL function (cooling mode only). Outputs for chillers/heat pumps/boiler calls. Up to 31 fan-coil units can be connected to a iKSW thermostat. Each unit must be equipped with iHBS2 power board. RS485 output for connection in BMS by means of on board iHSB2.



### Electrical connections



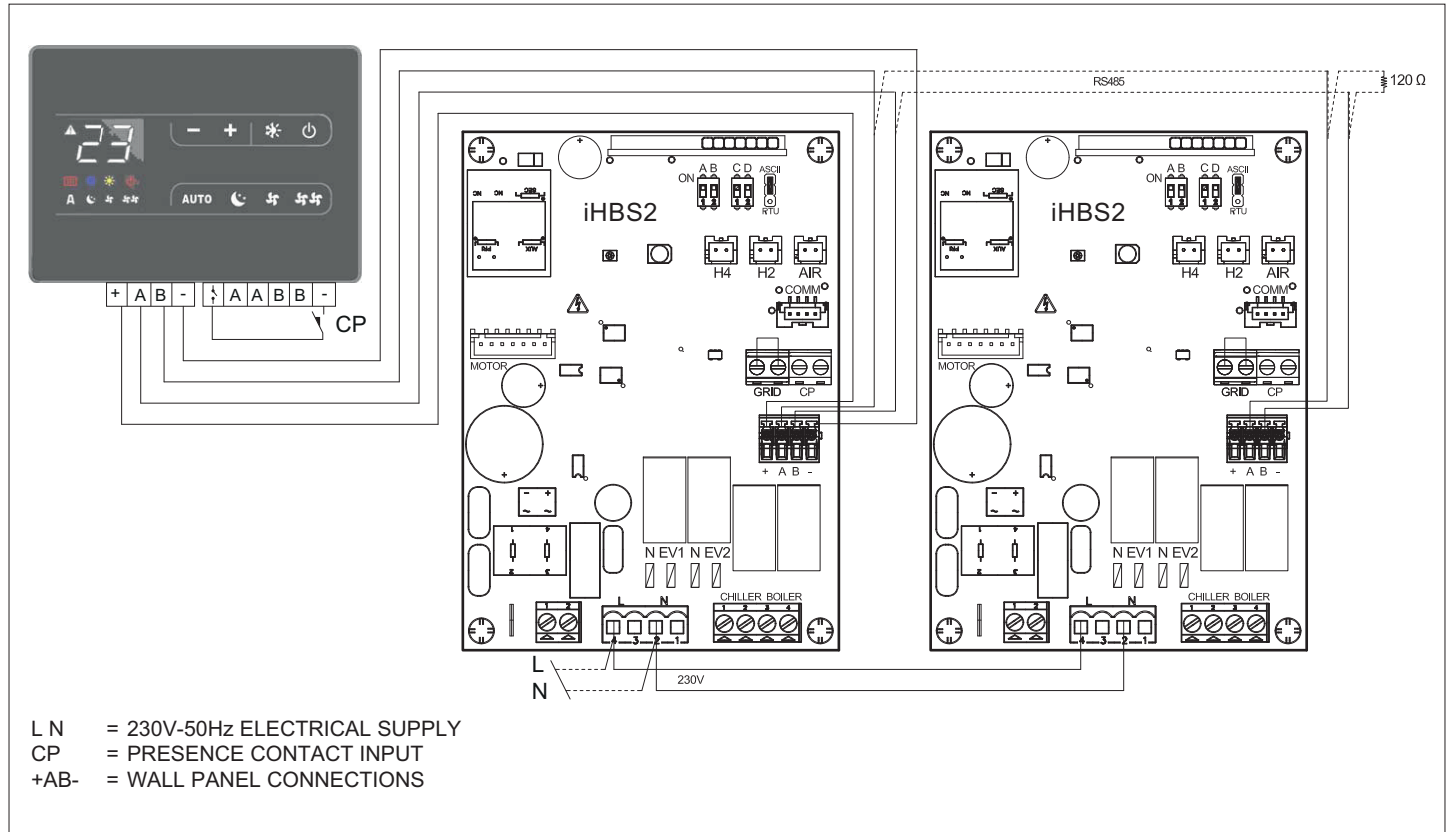
CP = PRESENCE CONTACT INPUT  
 +AB- = WALL PANEL CONNECTIONS  
 AIR\* = OPTION ON BOARD AIR TEMPERATURE PROBE

\* Connect as an alternative to the room temperature probe on the iKSW2 wall-mounted controller



## 11. FANCOIL CONTROLS

## iKSW2 - iHBS2 multiple connections



## 11. FANCOIL CONTROLS

### ATW wall-mounted control

The ATW control is used to regulate the air (3 speeds + auto), the temperature through electronic thermostat, to select the summer / winter / auto mode of operation and to switch the fan-coil on / off.



#### Temperature selector

Adjust the temperature as required by turning the temperature selector from +14°C to 30°C.

#### Function selector

#### MODE

Select the mode of operation pushing the **MODE** button.

#### Mode led

|                     |             |
|---------------------|-------------|
| Cooling             | ✱           |
| Heating             | ≡           |
| Off                 | ○           |
| Automatic setting   | <b>AUTO</b> |
| <b>Speed button</b> | ✱           |

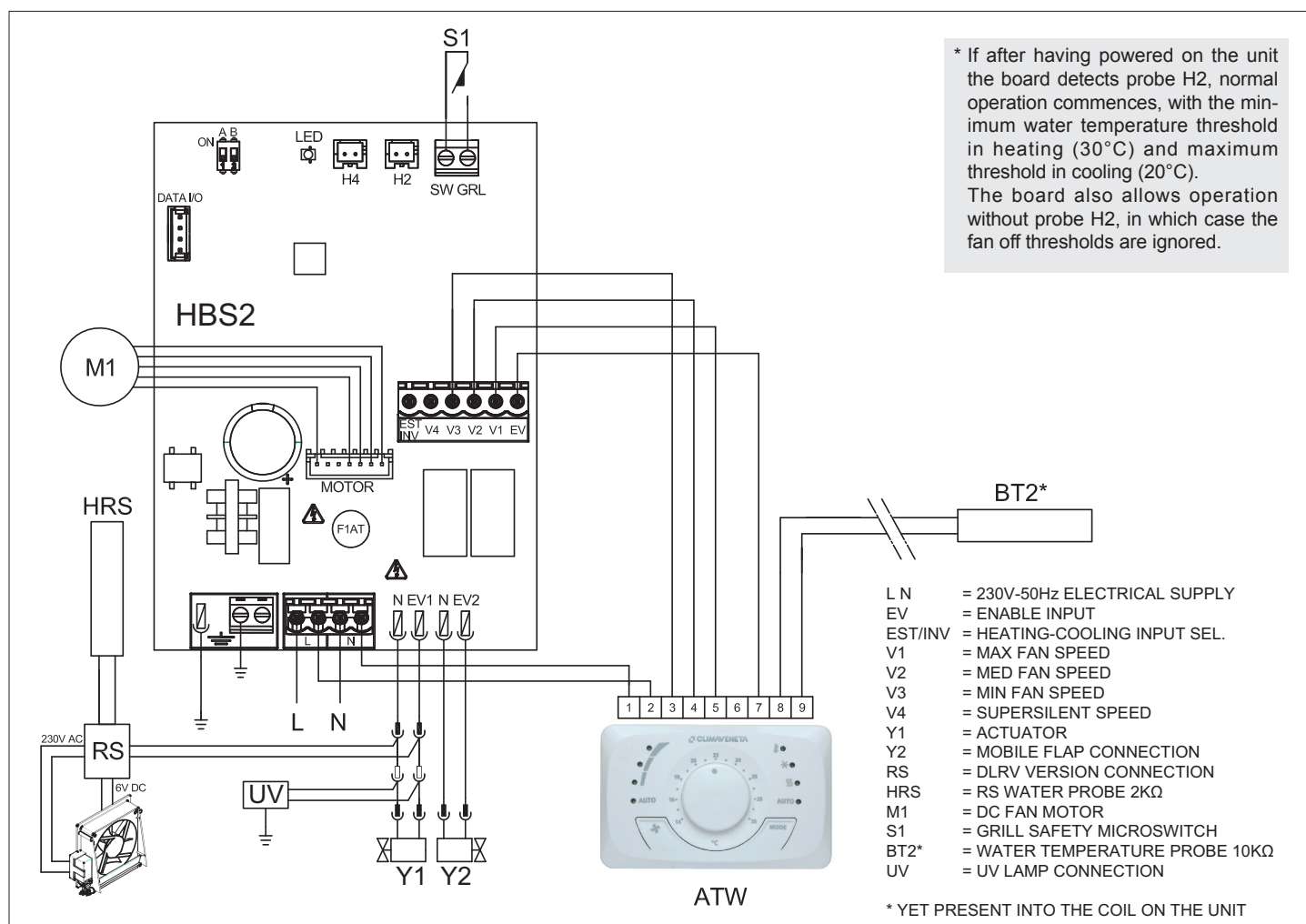
Select the fan speed pushing the ✱ button. The repeated pressure of fan button determines speed required.

|                     |             |
|---------------------|-------------|
| Maximum fan speed   | ↗           |
| Medium fan speed    | ↖           |
| Minimum fan speed   | ↘           |
| Automatic fan speed | <b>AUTO</b> |

#### Led

|                                                                                                            |             |
|------------------------------------------------------------------------------------------------------------|-------------|
| Blue LED: Heating / Cooling plus regulator call<br>Blue LED blinking: Hot start / Too Cool function active | 🌡           |
| Blue LED: operation in Cooling mode                                                                        | ✱           |
| Blue LED: operation in Heating mode                                                                        | ≡           |
| Blue LED: automatic cooling / heating mode selection                                                       | <b>AUTO</b> |

### Electrical connections



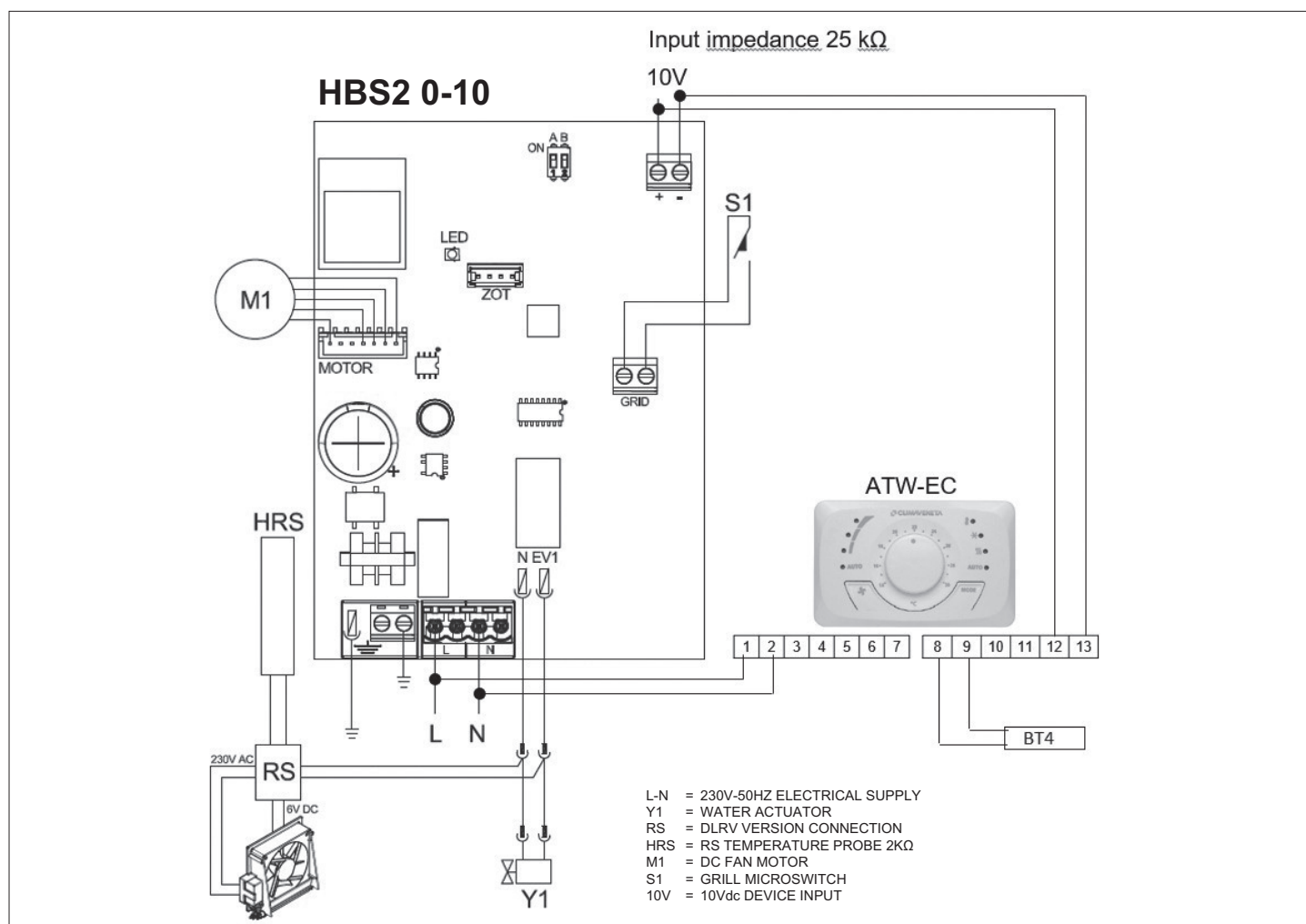
## 11. FANCOIL CONTROLS

### ATW-EC wall mounted thermostat

Operating mode (OFF/COOLING/HEATING/AUTO) and fan speed mode selection (Max/Med/Min/AUTO). Thermostat with set point regulation (temperature indication for ATW only). Main and additional coil valves ON/OFF control in cooling/heating operation (for 2 or 4 pipes installation). Electric heater control in 2 pipes systems (ATW only). Remote room air temperature probe in AT-EC (on-board sensor in ATW-EC) and remote water temperature probe. Proportional control 0-10Vdc of the fan speed. Digital input configurable as: window contact, economy, heating or cooling remote changeover. Periodic ventilation set. HOT START function (heating mode only). TOO COOL function (cooling mode only). Blue LEDs indicates system's turning-on, mode and fan speed. 230V~ or 24V~ 50-60Hz power supply.



### Electrical connections



### Temperature selector

Adjust the temperature as required by turning the temperature selector from +14°C to 30°C.

### Function selector

### MODE

Select the mode of operation pushing the **MODE** button.

### Mode led

|                     |             |
|---------------------|-------------|
| Cooling             | ✱           |
| Heating             | ≡           |
| Off                 | ○           |
| Automatic setting   | <b>AUTO</b> |
| <b>Speed button</b> | ✱           |

Select the fan speed pushing the ✱ button. The repeated pressure of fan button determines speed required.

|                     |             |
|---------------------|-------------|
| Maximum fan speed   | ↗           |
| Medium fan speed    | ↘           |
| Minimum fan speed   | ↖           |
| Automatic fan speed | <b>AUTO</b> |

### Led

|                                                         |             |
|---------------------------------------------------------|-------------|
| Blue LED: Heating / Cooling plus regulator call         | 🌡           |
| Blue LED blinking: Hot start / Too Cool function active |             |
| Blue LED: operation in Cooling mode                     | ✱           |
| Blue LED: operation in Heating mode                     | ≡           |
| Blue LED: automatic cooling / heating mode selection    | <b>AUTO</b> |

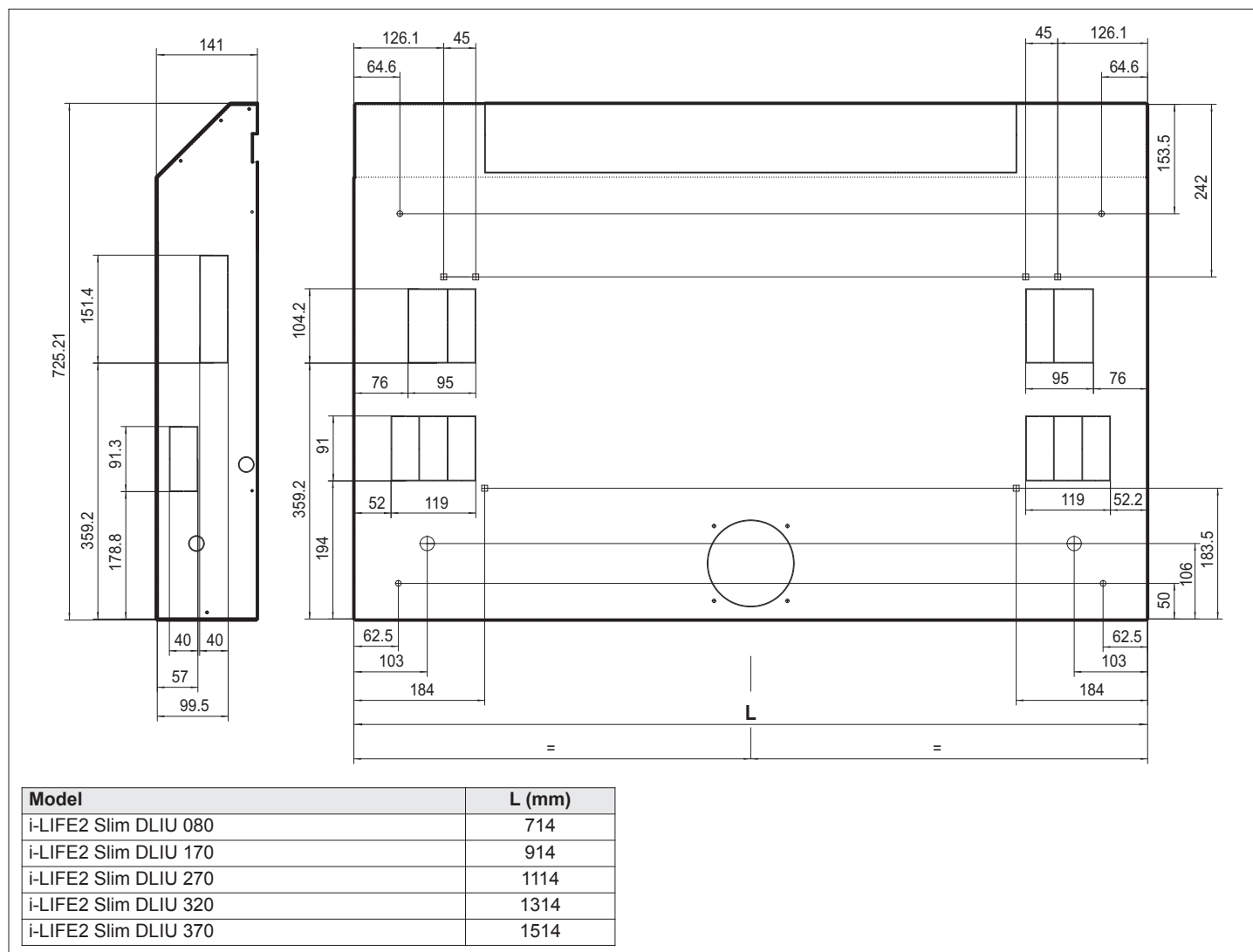
## 12. ACCESSORIES

### i-LIFE2 SLIM Concealed Box

Made of galvanised steel, the box houses the fan coil. The box is recessed in the wall during building work making the construction of a niche where the fan coils will be installed easier.

Holes for fitting the fan coil and preparing an electric plant with a socket are already present on the back panel.

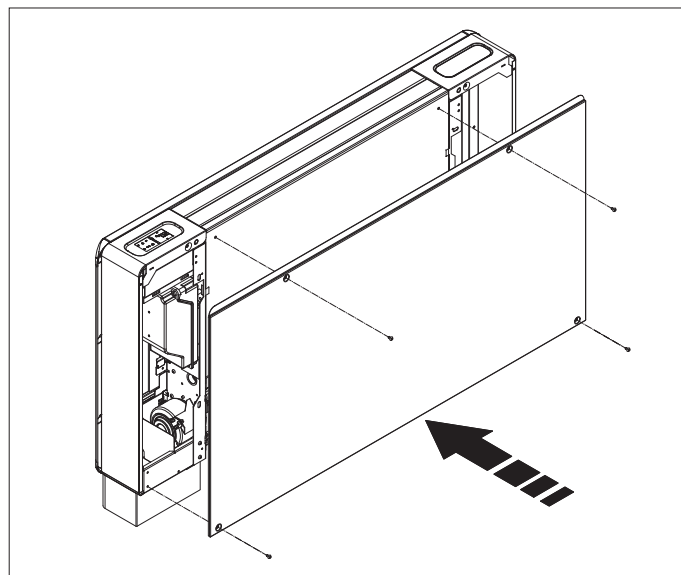
The box can arrange the hydraulic system pipes and condensation drain pipes thanks to the presence of several easily-removable elements on the sides and base.



### Rear closing panel kit

Use the rear closing panel when the back of the fan coil is in view (for example, in front of a window).

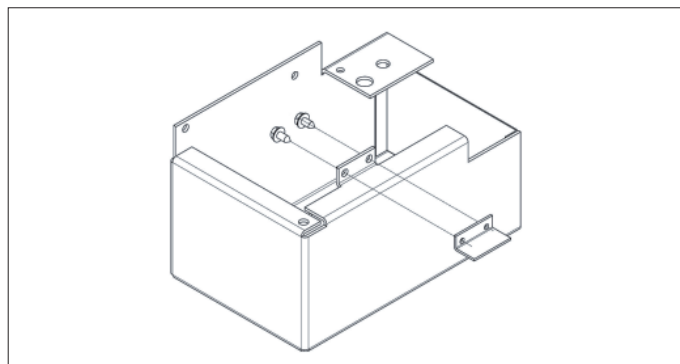
The rear closure panel must be installed together with the GROUND ANCHOR FEET KIT.



## 12. ACCESSORIES

### Ground anchor feet kit

Use this kit when installing the fan-coil on the floor in front of windows or when wall installation is not possible



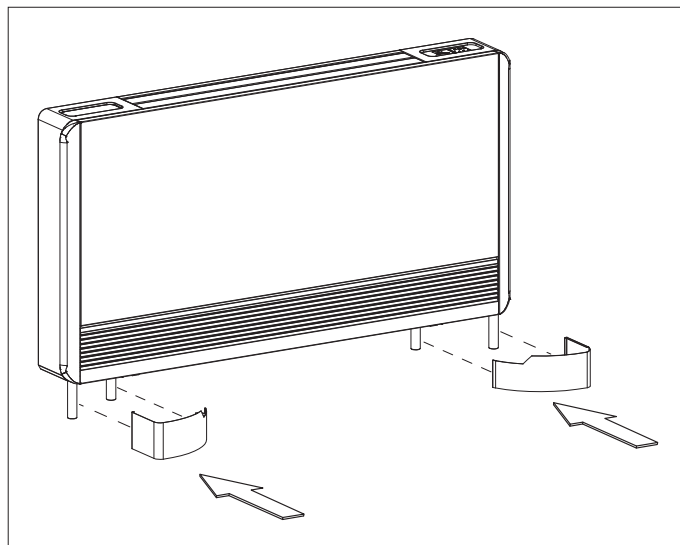
### Aesthetic feet kit for vertical wall mounted installation

These accessories cover the hydraulic pipes coming up through the floor. They should be fitted on appliances anchored to the back wall.

They have a sleek design and are also easy to remove for maintenance or cleaning.

These Feet should not be used to anchor the terminal to the ground; the feet are designed specifically for this purpose.

Feet RAL 9003 white



### 2-way manual valve kit

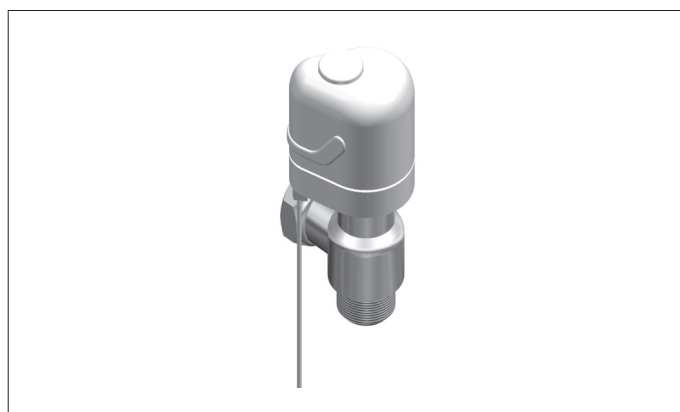
This comprises a manual valve and a lockshield valve featuring micrometre adjustment for balancing pressure drop in the system.



### 2-way valve kit with thermoelectric motor

This comprises an automatic valve with thermoelectric head and a lockshield valve featuring micrometre adjustment for balancing pressure drop in the system.

The kit also includes the insulation to be installed on the valve and the lockshield valve.

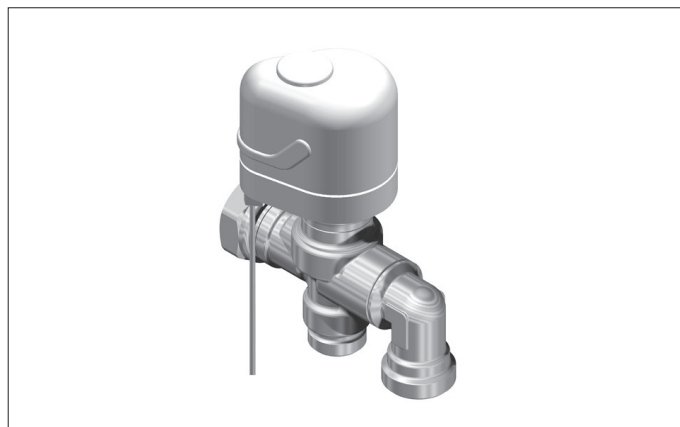


## 12. ACCESSORIES

### 3-way valve kit with selector valve thermoelectric motor

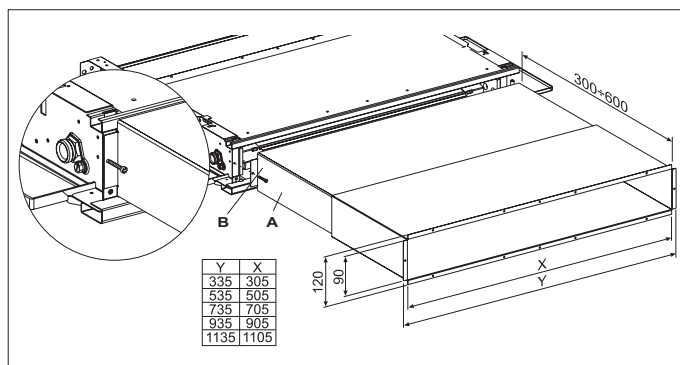
This comprises a 3-way selector valve with thermoelectric head and a lockshield valve featuring micrometre adjustment for balancing pressure drop in the system.

The kit also includes the insulation to be installed on the valve and the lockshield valve..



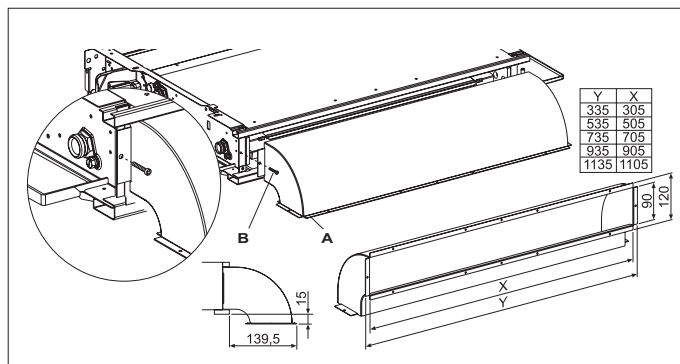
### Insulated telescopic plenum chamber kit

Horizontally extendable air output conveyor, from 300 mm to 600 mm only for flush mounted versions.



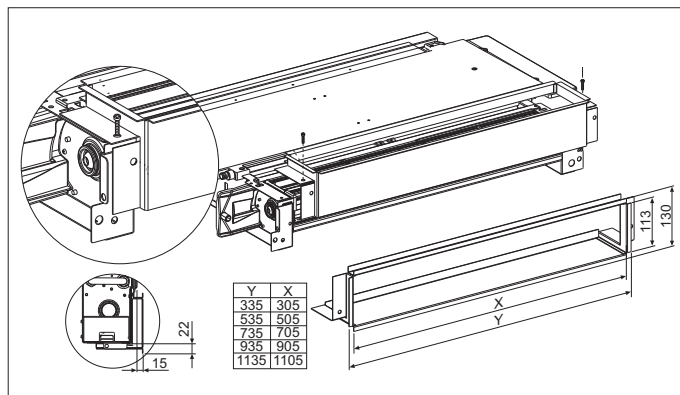
### Insulated 90° plenum chamber kit

90° air output conveyor only for flush mounted versions.



### Aspiration kit

Air inlet conveyor only for flush mounted versions.

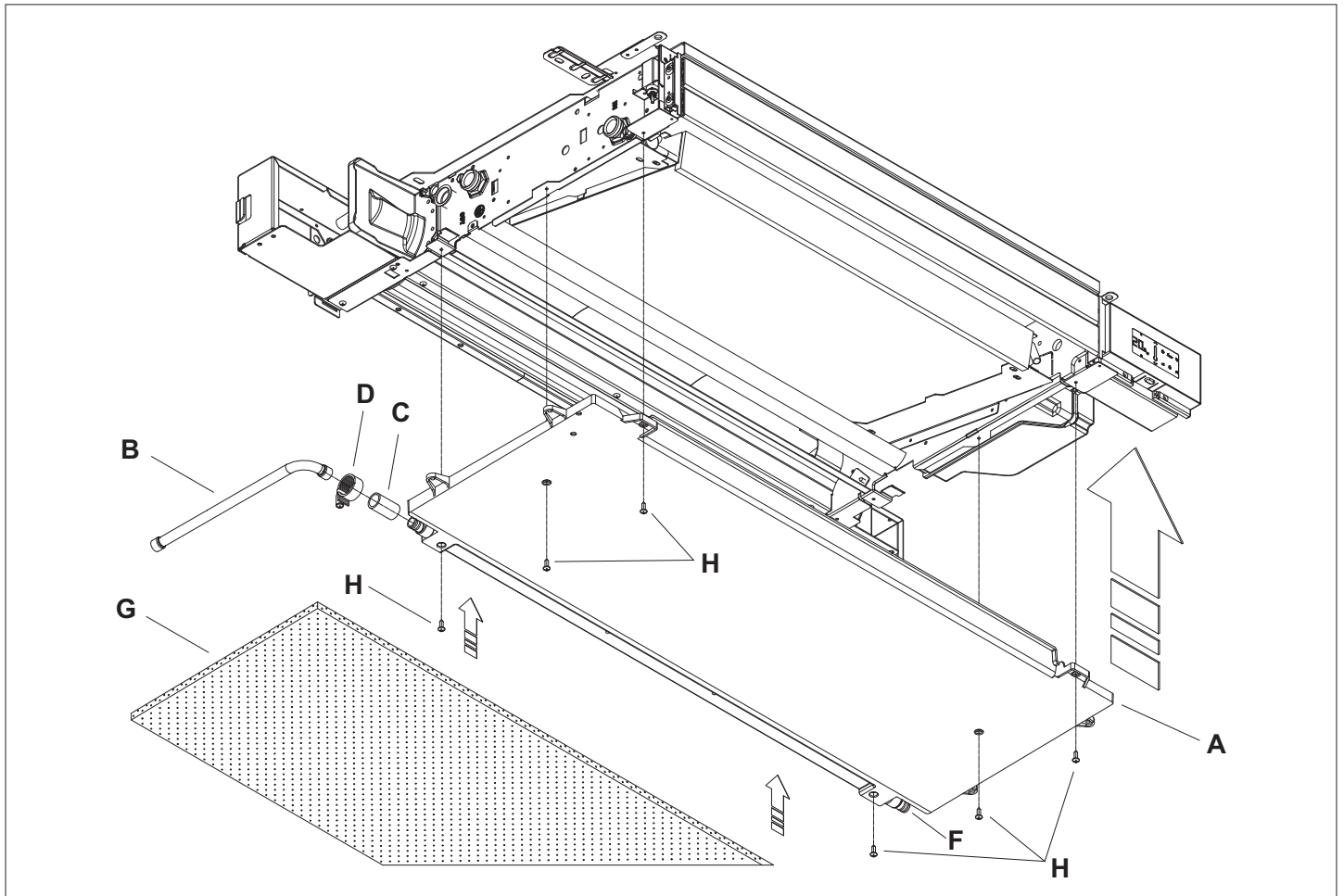


## 12. ACCESSORIES

### Condensate drain bowl for horizontal installation

The condensate collection pan kit is used in applications for horizontal versions (ceiling installation).

| Description                                       | Qty. |
|---------------------------------------------------|------|
| <b>A</b> Front closing bowl                       | 1    |
| <b>B</b> Condensation drainage pipe               | 1    |
| <b>C</b> Condensation drainage rubber hose        | 1    |
| <b>D</b> Clamp locking condensation drainage pipe | 2    |
| <b>F</b> Transparent plug D 13 mm                 | 1    |
| <b>G</b> Front bowl insulation                    | 1    |
| <b>H</b> Cylindrical head screw 4.2x13            | 6    |

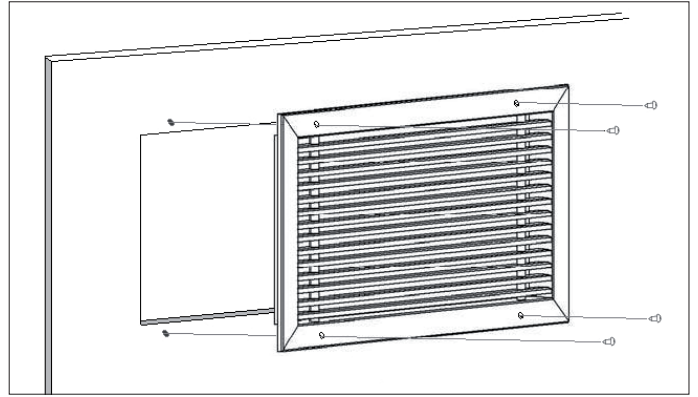




## 12. ACCESSORIES

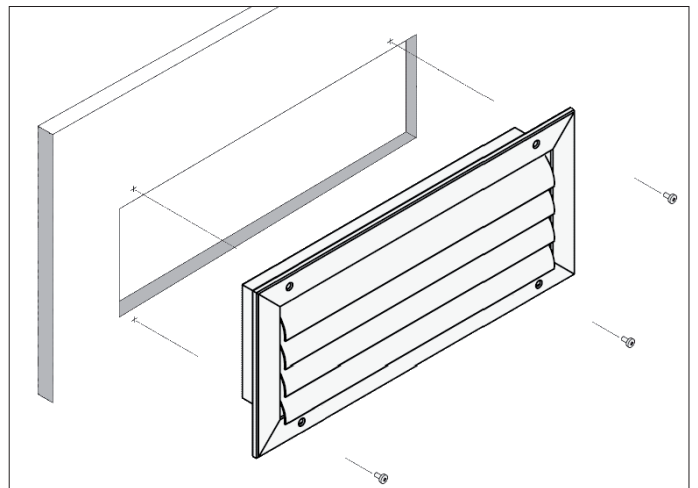
### Intake Grill with streight fins

The anodized aluminium intake grille it's applied to built-in installations.



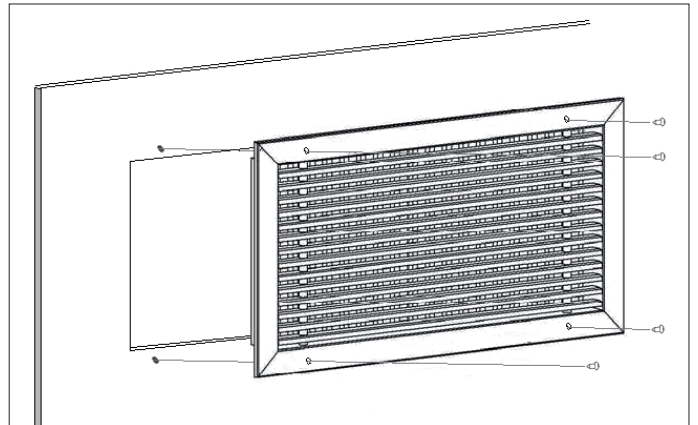
### Intake Grill with curved fins

The anodized aluminium intake grille it's applied to built-in installations.



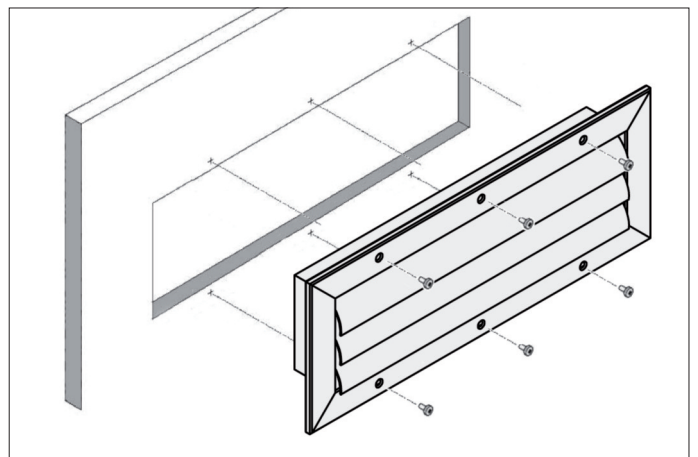
### Delivery Grill with streight fins

The anodized aluminium delivery grille is applied to built-in installations.



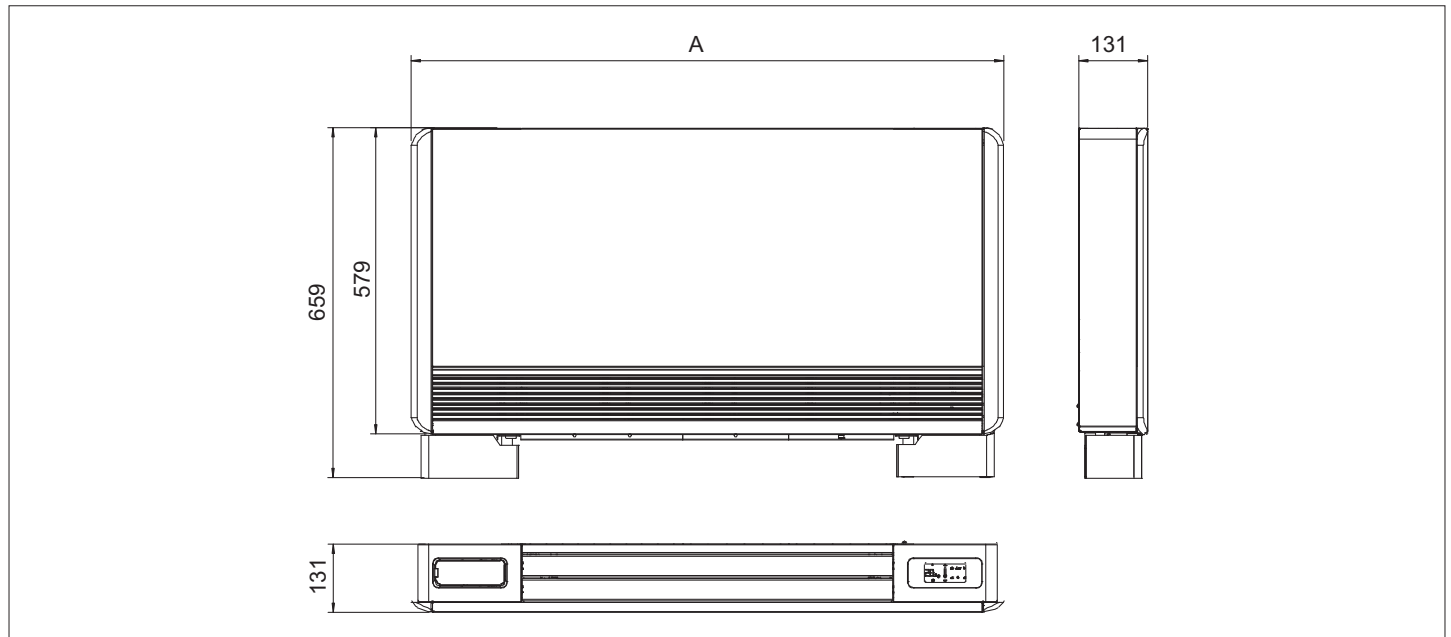
### Delivery Grill with curved fins

The anodized aluminium delivery grille is applied to built-in installations.

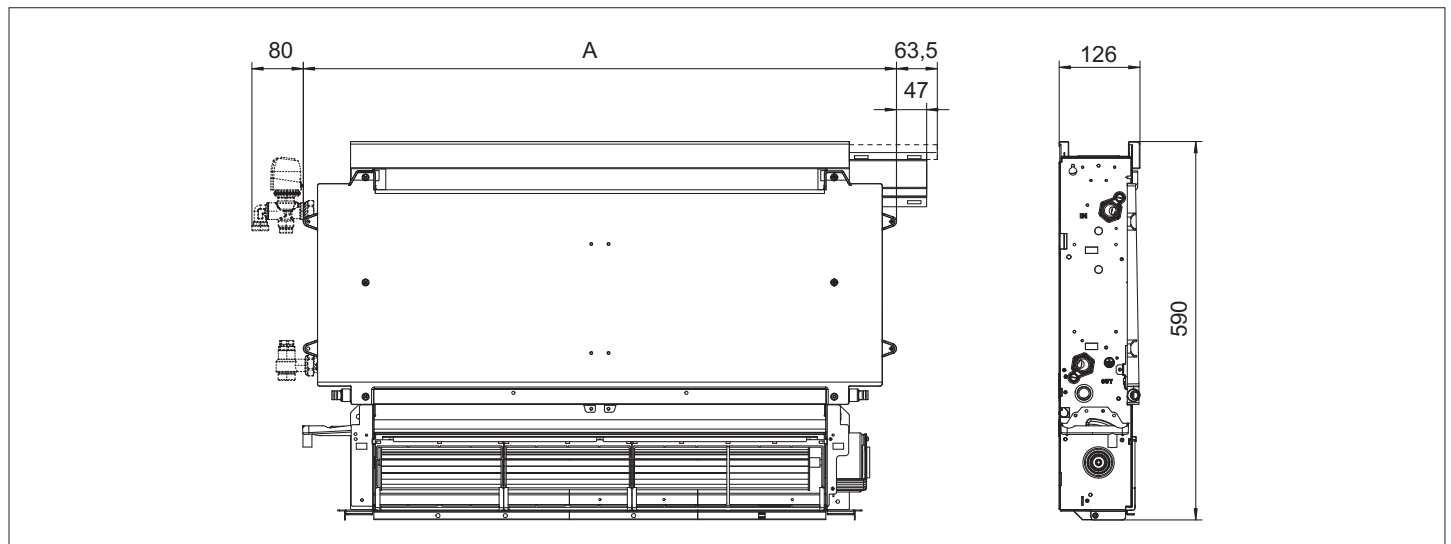


## 13. DIMENSIONAL DRAWINGS

| i-LIFE2 SLIM DLMV, DLMO, DLRV fan coils with casing |    |     |     |      |      |      |
|-----------------------------------------------------|----|-----|-----|------|------|------|
| Dimensions                                          |    | 080 | 170 | 270  | 320  | 370  |
| A                                                   | mm | 720 | 920 | 1120 | 1320 | 1520 |



| i-LIFE2 SLIM DLIU built-in fan coil |    |     |     |     |      |      |
|-------------------------------------|----|-----|-----|-----|------|------|
| Dimensions                          |    | 080 | 170 | 270 | 320  | 370  |
| A                                   | mm | 525 | 725 | 925 | 1125 | 1325 |







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