



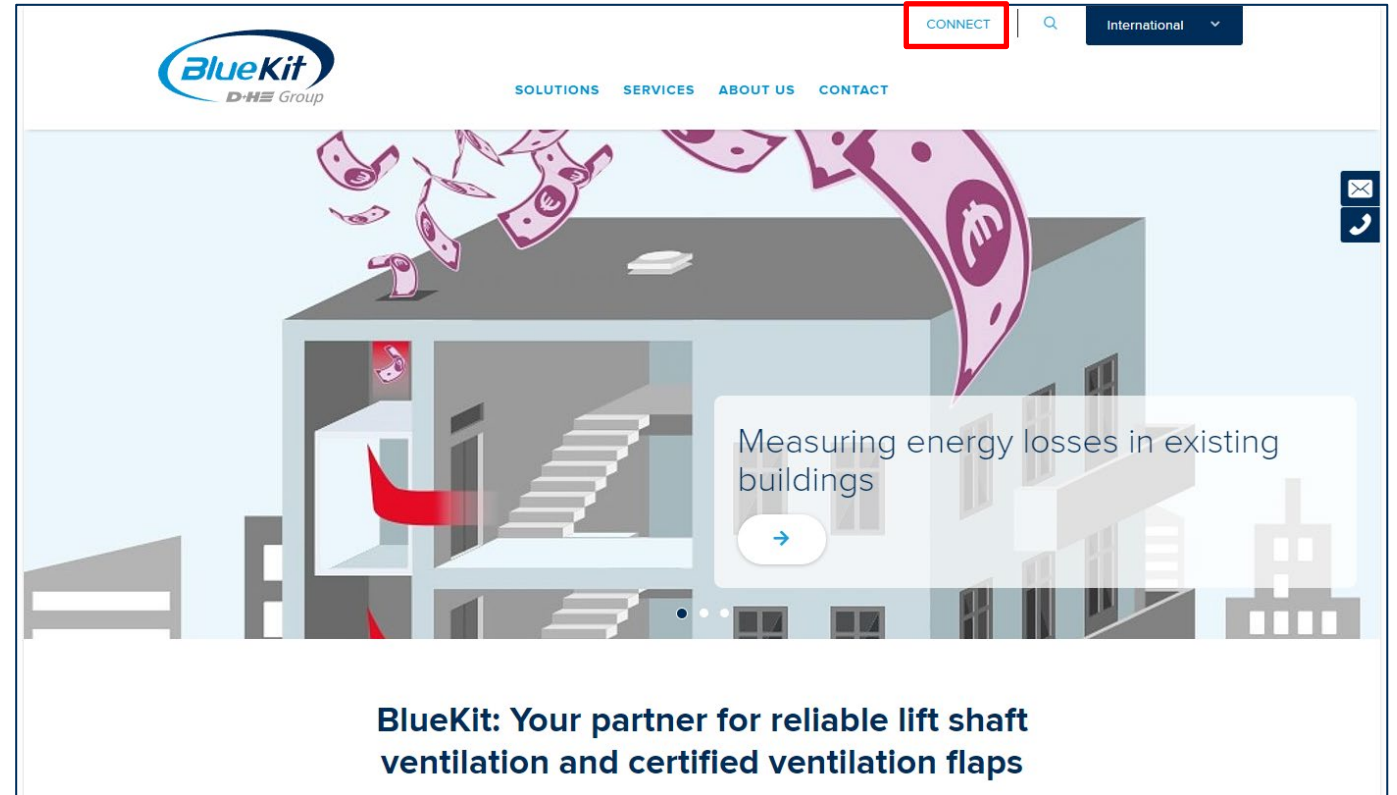
BlueKit CONNECT

Login / Register



<https://www.bluekit.eu>

▶▶ Press “CONNECT” button



Login



- ▶▶ Login with email address and password
- ▶▶ You must register when logging in for the first time

A screenshot of the D+HE login page. At the top center is the "D+HE" logo in red. Below it is a red horizontal line. In the top right corner, there is a language selector "English" with a downward arrow. The main heading is "Sign in to your account". Below this are two input fields: "Email" and "Password". Under the "Email" field is a red "Sign In" button. Below the "Password" field is a checkbox labeled "Remember me" and a link "Forgot Password?". At the bottom of the form area, there is a link "New user? Register".

D+HE

English ▾

Sign in to your account

Email

Password

Remember me [Forgot Password?](#)

Sign In

New user? [Register](#)



Register



- ▶▶ Complete form
- ▶▶ Press “Next step” button

A screenshot of a registration form titled "Register" under the "DHE" logo. The form includes fields for Salutation, First name, Last name, Email, Company, Area of Expertise, Postal code, and Country. It also has Password and Confirm password fields, a checkbox for accepting the privacy policy, a "Back to Login" link, and a prominent red "Next step" button at the bottom.

DHE

English ▾

Register

Salutation *

First name * Last name *

Email *

Company * Area of Expertise *

Postal code * Country *

Password *

Confirm password *

I accept the [privacy policy](#).

[← Back to Login](#)

Next step



Register



- ▶▶ Select application
- ▶▶ Press “Register” button to verify
- ▶▶ email address
- ▶▶ Follow further instructions provided in the email

D+HE

English ▾

Register

Which applications would you like to use?

- MyCalc
Digital planing of window automation.
- Bluekit Connect Calculator
Calculate non-binding offers for BlueKit systems, elevator shaft ventilation and smoke evacuation.
- Bluekit Connect Simulator
Determine energy losses and payback periods of a BlueKit system based on building and elevator parameters.

We will notify you as soon as we have activated your access.

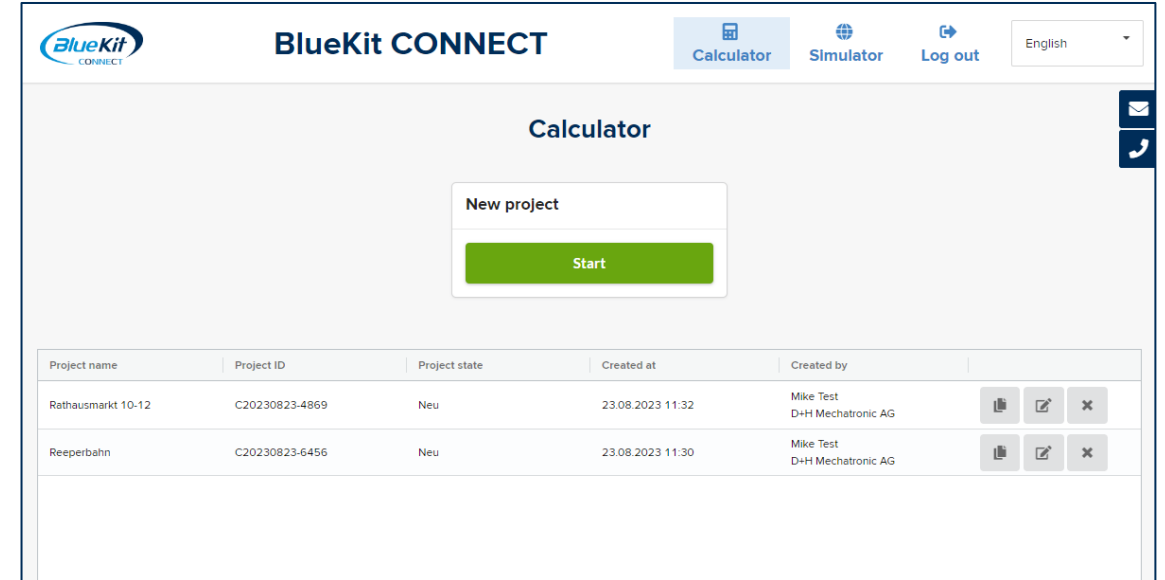
[« Back to Login](#)

Register









Project overview

- ▶▶ If the account is active, the corresponding project overview is displayed after logging in. It contains the project name, unique ID, date and status.
- ▶▶ Click on Start under New Project to start a new configuration
- ▶▶ The following actions are possible here in existing projects:
 - ▶▶ Copy to a new project Edit / Change
 - ▶▶ Delete

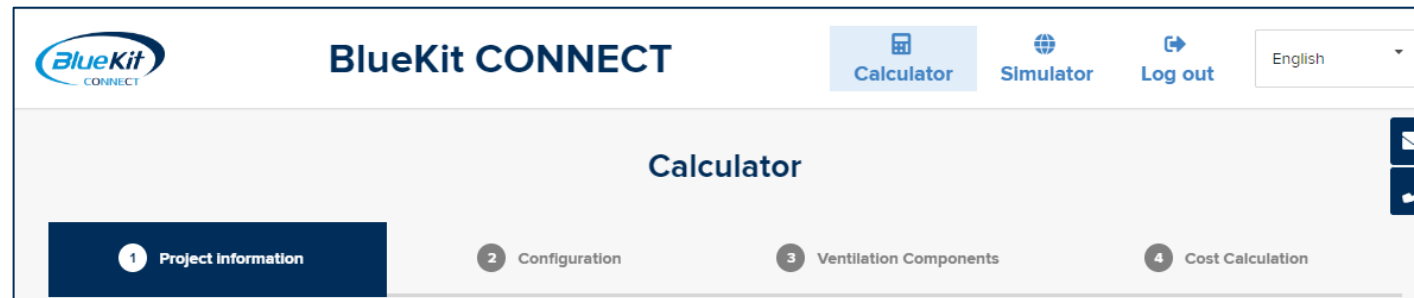


The screenshot shows the BlueKit CONNECT web interface. At the top, there is a navigation bar with the BlueKit CONNECT logo, the text 'BlueKit CONNECT', and buttons for 'Calculator', 'Simulator', and 'Log out'. A language dropdown menu is set to 'English'. Below the navigation bar, the main content area is titled 'Calculator'. It features a 'New project' form with a green 'Start' button. Below the form is a table listing existing projects.

Project name	Project ID	Project state	Created at	Created by	
Rathausmarkt 10-12	C20230823-4869	Neu	23.08.2023 11:32	Mike Test D+H Mechatronic AG	  
Reeperbahn	C20230823-6456	Neu	23.08.2023 11:30	Mike Test D+H Mechatronic AG	  

Project

- ▶▶ A BlueKit system is configured in three straightforward steps:
 - ▶▶ ① Basic input - your project data
 - ▶▶ ② Configuration of the necessary and additional components
 - ▶▶ ③ Selection of ventilation components (closure flaps and weather protection)



- ▶▶ Your BlueKit CONNECT makes your task much easier by filtering the selection based on the information you entered and providing suggestions.

1 Basic input - project data

▶▶ Enter basic information on the project in the fields provided. In addition to name, location and lift number, these are:

▶▶ **Building type**

The building type states whether it contains an FAS/ BMS, or whether there are requirements in relation to acoustics, etc.

- Residential Building
- Industry
- Hospital
- Office Building

▶▶ **Project type**

The main difference between the New Installation and Existing Building options lies in the selection of possible closure elements (existing or plannable unfinished opening)

- New Installation
- Existing Building

▶▶ **Installation location**

The installation location also impacts which closure elements can be used

- Vertical
- Horizontal

Project information

Project name*	Building location (Postal Code)*	Country*
<input type="text"/>	<input type="text"/>	<input type="text"/>
Project type*	Building type*	Orientation of ventilation component*
<input type="text"/>	<input type="text"/>	<input type="text"/>
Serial number	Planned implementation date (quarter / year)	
<input type="text"/>	<input type="text"/>	
<input type="checkbox"/> NSHEV delivered on site <input type="checkbox"/> Weather shelter required <input type="checkbox"/> Low-energy standard i <input type="checkbox"/> System with abZ is required (Germany only) i <input type="checkbox"/> Low-noise drive i <input type="checkbox"/> Connection to fire alarm system or building's operation center required i <input type="checkbox"/> Additional smoke detector in shaft head i <input type="checkbox"/> Smoke detector at main evacuation level		

1 Basic input - project data

▶▶ Other important information:

▶▶ NSHEV delivered on site

If a closure element is already installed, step 3 of the configuration can be omitted

▶▶ Weather shelter required

The type of weather protection can be selected in step 3 of the configuration. If protection is already provided on site, this selection is no longer necessary

▶▶ Low-energy standard

If the new or refurbished building is designed to meet exacting energy standards, select this option to use only closure elements with a particularly high thermal insulation performance

▶▶ System with abZ (aBG) is required

Certain components require approval in individual cases. To provide a straightforward and reliable solution, you receive a system which is building regulations approved

▶▶ Low-noise drive

With this option, closure elements with a specially quiet drive are pre-selected

Project information

Project name*	Building location (Postal
<input type="text"/>	<input type="text"/>
Project type*	Building type*
<input type="text" value="New Installation"/>	<input type="text" value="Residential Building"/>
Serial number	Planned implementation
<input type="text"/>	<input type="text"/>

- NSHEV delivered on site
- Weather shelter required
- Low-energy standard **i**
- System with abZ is required (Germany only) **i**
- Low-noise drive **i**
- Connection to fire alarm system or building's operation center required **i**
- Additional smoke detector in shaft head **i**
- Smoke detector at main evacuation level

1 Basic input - project data

▶▶ **Connection to fire alarm system (FAS) or building management system (BMS) required**

If a fire alarm system (FAS) is installed in the building, please consult the relevant field staff or our customer centre.

▶▶ **Additional smoke detector in shaft head**

If the top of the shaft cannot be covered by the selected smoke detection system, an additional point smoke detector is required at the top of the shaft.

▶▶ **Smoke detector at main evacuation level**

With this option, an additional smoke detector is provided at the main evacuation level which sends a signal to the lift controller in case of fire.



1 Basic input - specifications for the lift shaft

- ▶▶ The specifications for the lift shaft are used to propose the most efficient system. The information entered influences the recommendation for the most affordable smoke detection system and the size of the possible closure flaps.
- ▶▶ If the lift system contains group shafts (more than one lift in common shaft), please contact us directly.

Elevator shaft information

Position of machine room*
 Top Bottom No machine room

Number of elevators in shared shaft*
- 1 +

Shafts with more than two lifts can only be equipped with a special configuration. Please contact our customer service.

Shaft height (incl. head and pit)* mm

Shaft width* mm

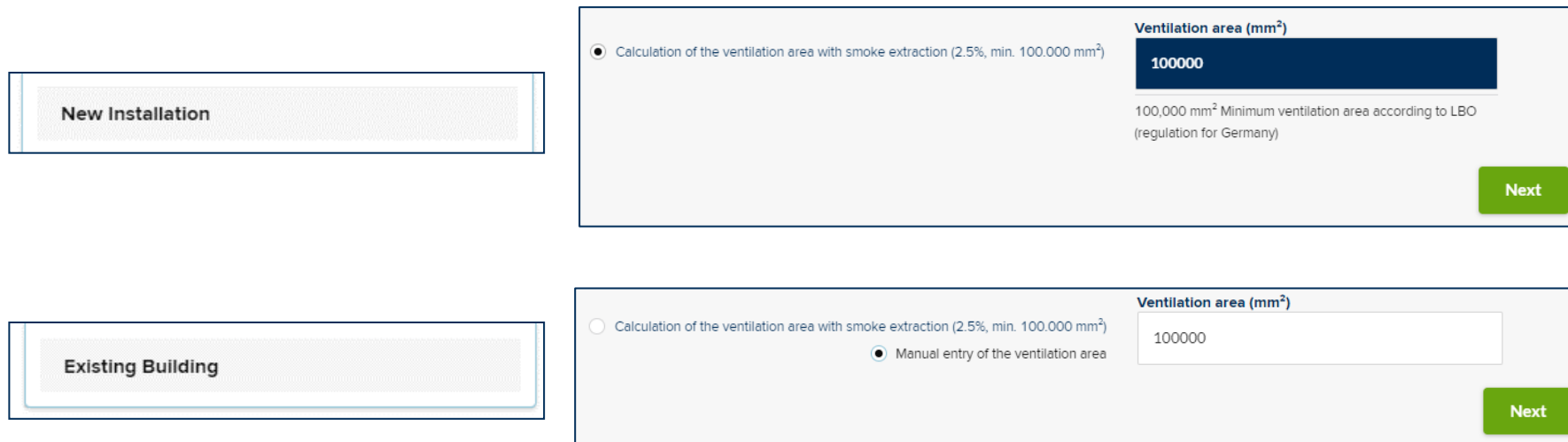
Shaft depth* mm

Payload kg

Manual entry of the ventilation area Ventilation area (mm²)

1 Basic input - specifications for the lift shaft

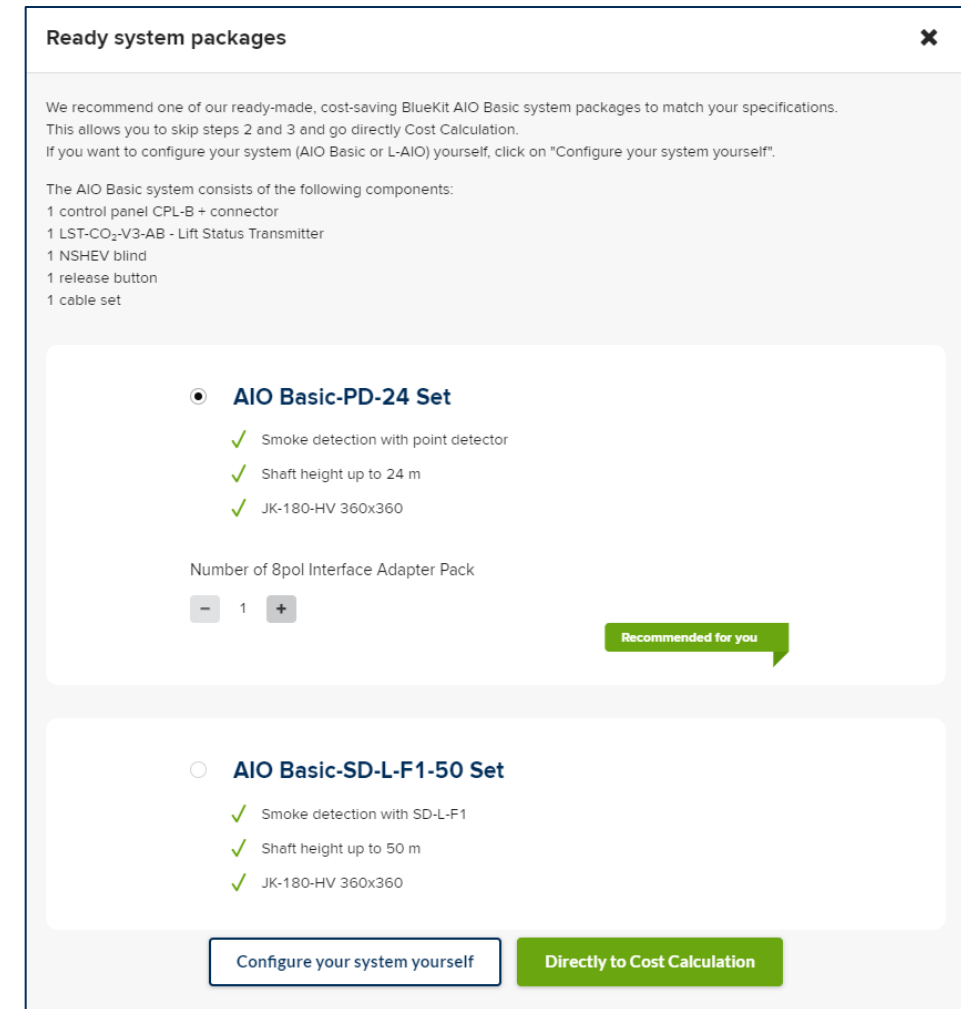
- ▶▶ The required geometric opening area is calculated based on the shaft measurements (currently for installations in Germany).
- ▶▶ If the project type “Existing building” is selected, the area calculated can be overwritten with the actual unfinished opening.



The image displays two screenshots of a software interface for configuring lift shaft specifications. The top screenshot shows the 'New Installation' option selected. It features a radio button for 'Calculation of the ventilation area with smoke extraction (2.5%, min. 100.000 mm²)' which is selected. To the right, a text input field labeled 'Ventilation area (mm²)' contains the value '100000'. Below this field, a note states: '100,000 mm² Minimum ventilation area according to LBO (regulation for Germany)'. A green 'Next' button is located at the bottom right. The bottom screenshot shows the 'Existing Building' option selected. It features two radio buttons: 'Calculation of the ventilation area with smoke extraction (2.5%, min. 100.000 mm²)' (unselected) and 'Manual entry of the ventilation area' (selected). To the right, a text input field labeled 'Ventilation area (mm²)' contains the value '100000'. A green 'Next' button is located at the bottom right.

1 Basic input - ready-made system

- ▶▶ If BlueKit system packages can be used based on the project information and lift system entered, the “Pre-configured system packages” pop-up appears automatically after clicking on “Next”
- ▶▶ In this case, you can select a pre-configured system package by clicking on the relevant package and skip the detailed configuration.
- ▶▶ After you have made your selection, the number of 8-pin interface adapter sets for the AIO Basic must be defined.



Ready system packages ✕

We recommend one of our ready-made, cost-saving BlueKit AIO Basic system packages to match your specifications. This allows you to skip steps 2 and 3 and go directly Cost Calculation. If you want to configure your system (AIO Basic or L-AIO) yourself, click on "Configure your system yourself".

The AIO Basic system consists of the following components:
1 control panel CPL-B + connector
1 LST-CO₂-V3-AB - Lift Status Transmitter
1 NSHEV blind
1 release button
1 cable set

AIO Basic-PD-24 Set

- ✓ Smoke detection with point detector
- ✓ Shaft height up to 24 m
- ✓ JK-180-HV 360x360

Number of 8pol Interface Adapter Pack
- 1 +

Recommended for you

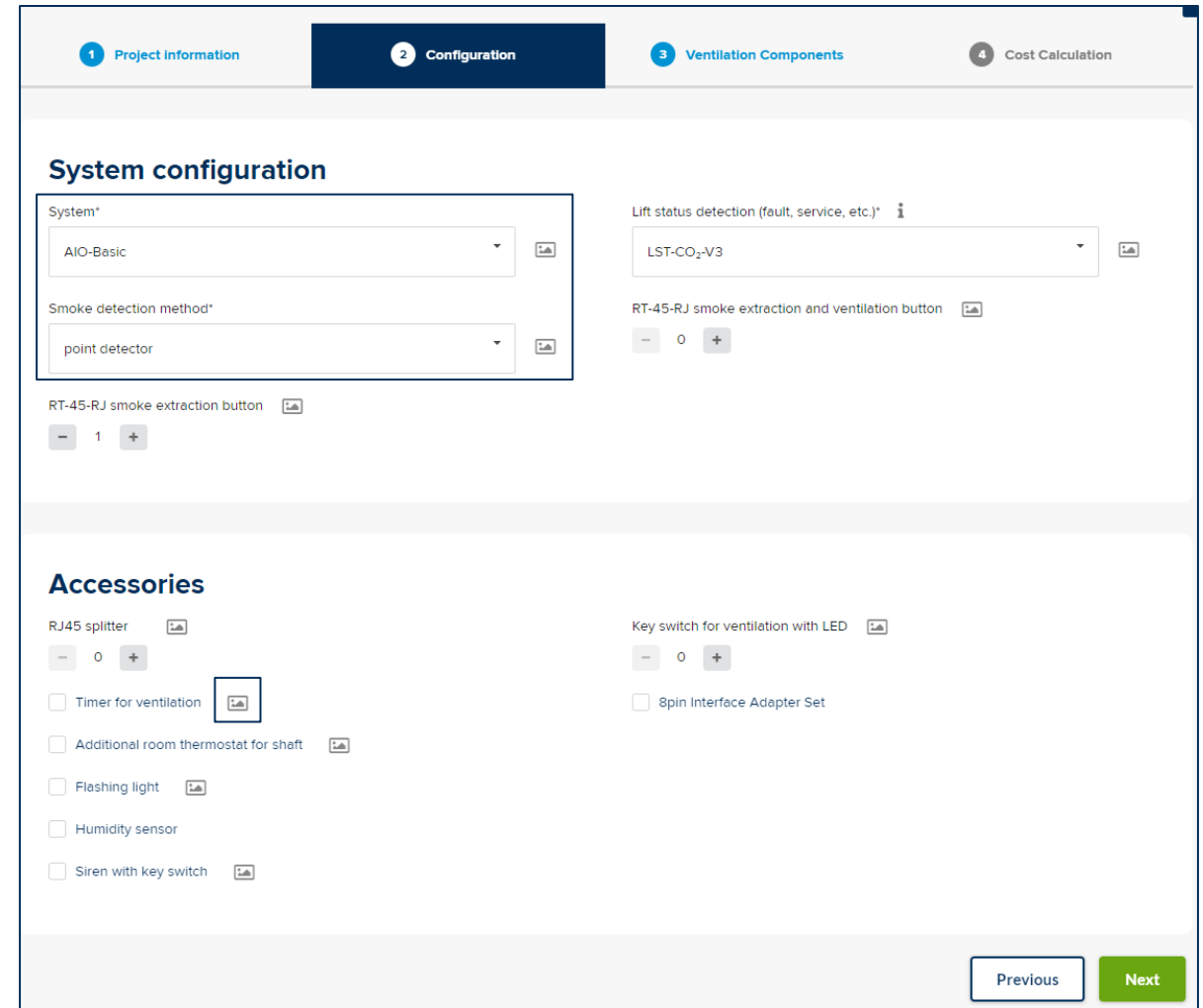
AIO Basic-SD-L-F1-50 Set

- ✓ Smoke detection with SD-L-F1
- ✓ Shaft height up to 50 m
- ✓ JK-180-HV 360x360

Configure your system yourself Directly to Cost Calculation

2

- ▶▶ In the second step, you can further modify the components of the BlueKit system. The smoke detection method and system will already have been selected based on the information entered, but can be changed at any time in the menu.
- ▶▶ Additional components can be added here, and are displayed as a preview in the form of photo icons.



The screenshot displays the 'Configuration' step of the BlueKit setup process. The interface is divided into four main sections: 'Project Information', 'Configuration', 'Ventilation Components', and 'Cost Calculation'. The 'Configuration' section is currently active and contains two main areas: 'System configuration' and 'Accessories'.

System configuration:

- System*:** A dropdown menu showing 'AIO-Basic'.
- Smoke detection method*:** A dropdown menu showing 'point detector'.
- Lift status detection (fault, service, etc.):*** A dropdown menu showing 'LST-CO₂-V3'.
- RT-45-RJ smoke extraction and ventilation button:** A quantity selector set to '0'.
- RT-45-RJ smoke extraction button:** A quantity selector set to '1'.

Accessories:

- RJ45 splitter:** A quantity selector set to '0'.
- Timer for ventilation:** A checkbox that is currently checked.
- Additional room thermostat for shaft:** A checkbox that is currently unchecked.
- Flashing light:** A checkbox that is currently unchecked.
- Humidity sensor:** A checkbox that is currently unchecked.
- Siren with key switch:** A checkbox that is currently unchecked.
- Key switch for ventilation with LED:** A quantity selector set to '0'.
- 8pin Interface Adapter Set:** A checkbox that is currently unchecked.

At the bottom right of the configuration area, there are two buttons: 'Previous' and 'Next'.



2

- ▶▶ BlueKit systems can measure the air quality at the lift car, and can also be connected to the alarm button in the lift car in order to provide ventilation for persons trapped in the lift. A patented technology is used for this and transmits the measured data and ventilation request wirelessly to the controller. The lift status transmitter (LST-CO₂-V3) is the right component for this. It is selected by default but can also be replaced with a fault alarm contact at the lift controller subject to a corresponding risk assessment.

The screenshot displays the 'Configuration' step of a software interface, divided into four tabs: 'Project information', 'Configuration', 'Ventilation Components', and 'Cost Calculation'. The 'Configuration' tab is active and contains two main sections: 'System configuration' and 'Accessories'.

System configuration:

- System*:** A dropdown menu set to 'AIO-Basic'.
- Smoke detection method*:** A dropdown menu set to 'point detector'.
- Lift status detection (fault, service, etc.):*** A dropdown menu set to 'LST-CO₂-V3'.
- RT-45-RJ smoke extraction button:** A quantity selector set to '1'.
- RT-45-RJ smoke extraction and ventilation button:** A quantity selector set to '0'.

Accessories:

- RJ45 splitter:** A quantity selector set to '0'.
- Key switch for ventilation with LED:** A quantity selector set to '0'.
- Timer for ventilation:** An unchecked checkbox.
- Additional room thermostat for shaft:** An unchecked checkbox.
- Flashing light:** An unchecked checkbox.
- Humidity sensor:** An unchecked checkbox.
- Siren with key switch:** An unchecked checkbox.
- 8pin Interface Adapter Set:** An unchecked checkbox.

At the bottom right, there are 'Previous' and 'Next' navigation buttons.



3 Ventilation components

- ▶▶ Depending on the information entered for the project, closure elements can be filtered with CONNECT.
 - ▶▶ The first filter displays suitable products by category (e.g. for horizontal or vertical installation, drive type, thermal insulation, etc.)
 - ▶▶ The second filter displays only suitable sizes. By moving the slider at the top on the side of the filter area, larger closure elements can also be displayed and selected
 - ▶▶ If you selected the “Weather shelter required” option on the first page, the matching weather protection for the product must also be selected here.

You indicated "Requires weather protection" in step 1.
Please select the appropriate quantity of weather protection hoods below.

Roof vent hood with socket HVC (-S = galvanised steel ; -A = aluminium)

Quantity	Name	Article number	Ventilation area	Ventilation opening
----------	------	----------------	------------------	---------------------

BlueKit CONNECT Calculator Simulator Log out English

Calculator

1 Project Information 2 Configuration 3 Ventilation Components 4 Cost Calculation

Show ventilation components for a ventilation area from 100000 mm² to 140000 mm²:

200,000 400,000 600,000 800,000 1,000,000 1,200,000 1,400,000 1,600,000 1,800,000 2,000,000 2,200,000 2,400,000

Drag the slider to show larger ventilation components.

Ventilation flap JK-180 HV - SHEV max. 62 dB flush-mounted installation Mounting conditions [gr](#)

Quantity	Name	Article number	Ventilation area	Ventilation opening	Shaft opening	Recommendation
- 1 +	JK-180-MB-FR-RJ-360x360-0,1	31.612.06	104.000 mm ²	360x360	590x450	Recommended for you
- 0 +	JK-180-MB-FR-RJ-470x360-0,13	31.612.10	130.000 mm ²	470x360	700x450	

Ventilation flap JK-190 HV - SHEV max. 62 dB surface-mounted installation Mounting conditions [gr](#)

Quantity	Name	Article number	Ventilation area	Ventilation opening	Shaft opening	Recommendation
- 0 +	JK-190-FR-RJ-360x360-0,1	31.613.00	104.000 mm ²	360x360	300x300	

Include mounting bracket for selected JK-190

Ventilation flap NK-SL (component depth 120 mm) - max. 62 dB surface-mounted installation

Quantity	Name	Article number	Ventilation area	Ventilation opening	Shaft opening	Recommendation
- 0 +	NK-SL-FR-RJ-400x400-0,13	31.621.51	130.000 mm ²	400x400	340x340	

Previous Next



4 Cost calculation

- ▶▶ Finally, you are provided with an overview of the system you configured. In this overview, the articles are grouped according to categories which can also be expanded.
- ▶▶ The configuration can be downloaded from the overview as a PDF or Excel file.
- ▶▶ Additional documents (drawings, plans) can be attached.
- ▶▶ If you would like us to prepare an offer based on your configuration, click here to forward it to the D+H customer centre. You can also add further comments as required. Your configuration will then be sent to you by email.

Calculator

1 Project Information 2 Configuration 3 Ventilation Components **4 Cost Calculation**

Assembly by D+H Deutschland GmbH in PLZ (Germany only):

Category	Your price (net)	Estimated installation time	Details
BlueKit Control system	1807.00 €	2.00 h	Expand ▾
Smoke Detection Components	800.00 €	0.85 h	Expand ▾
Ventilation Components	1162.00 €	0.66 h	Expand ▾
Cabling - Adjust quantities	176.00 €		Expand ▾
Assembly Components	30.80 €		Expand ▾
Sum of components	3975.80 €	3.51 h	
Logistic Costs	45.00 €		
Total	4020.80 €		

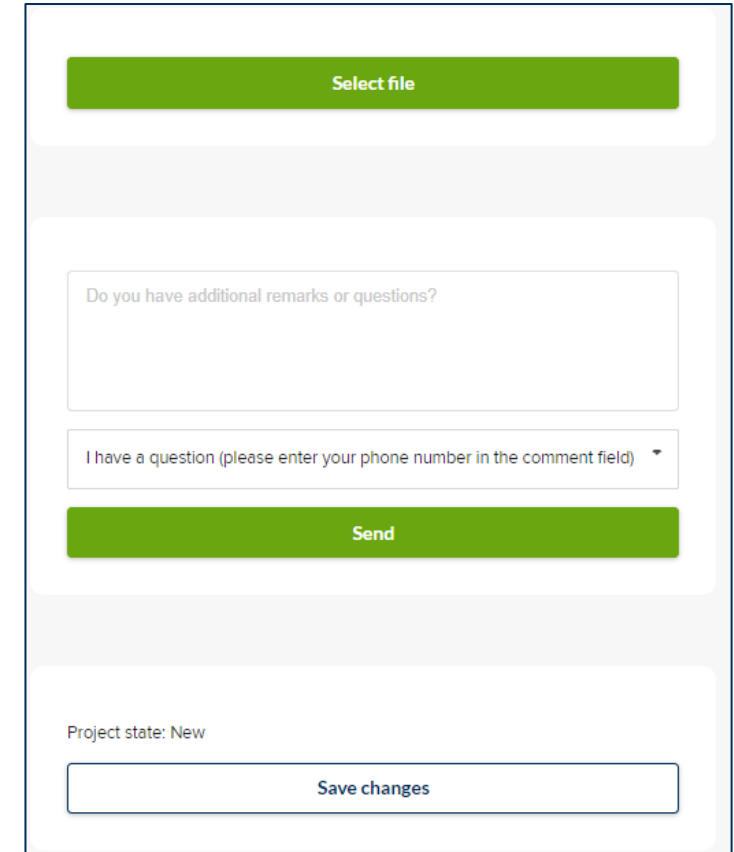
✓ delivery time: 25 business days
✓ offer validity: 8 weeks

For longer commitment periods in projects, please contact your sales force.
The space requirement of the smoke detection system in the shaft must be checked before ordering.

For customers of D+H Deutschland GmbH, an energy cost surcharge of 0.34% on the net order value shall apply temporarily with effect from 17.04.2023.
This will not be shown in the cost calculation, but will be due in the event of an order.

4 Cost calculation

- ▶▶ You can also upload files using the option at the bottom of the page if you wish to send these to BlueKit together with the offer request.
- ▶▶ A field is also provided if you wish to contact BlueKit directly.
- ▶▶ The project status can subsequently be viewed and changes saved.



The screenshot displays a user interface for submitting a request. It features a green button labeled "Select file" at the top. Below this is a text input field with the placeholder text "Do you have additional remarks or questions?". Underneath the text field is a dropdown menu with the selected option "I have a question (please enter your phone number in the comment field)". A second green button labeled "Send" is positioned below the dropdown. At the bottom of the form, the text "Project state: New" is displayed above a white button labeled "Save changes".