# VELUX ACTIVE indoor climate control KIX 300




3 Year Guarantee

VELUX ACTIVE with NETATMO indoor climate control uses sensors to continuously measure temperature, humidity and CO2 levels in your home to ensure a healthier indoor climate. Based on indoor climate measurements and external weather data, VELUX ACTIVE automatically operates connected VELUX electric products for ventilation and sunscreening when necessary. It also enables control of VELUX electric products using the smartphone app or voice control assistants.

- Automatically activates your windows and accessories based on indoor climate sensor measurements and weather data.
- Conveniently control your windows and monitor your indoor climate from anywhere on your smart phone. The App can be downloaded from AppStore (iOS) and Google Play (Android) for free.
- Activates your VELUX electric and solar shutters, awnings or blinds to protect your home from overheating.
- Your windows will automatically activate when the indoor climate in the room is deteriorating.
- Rest assured that your home is ventilated a minimum of three times a day.
- Activates your roof window for cooling when it's too hot inside.
- Rest assured that your solution is protected thanks to the high levels of security encryption.

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# Technical information

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| **VELUX ACTIVE indoor climate control KIX 300** | **Material and colour** | VELUX ACTIVE gateway: ABS plastic, white (NCS S 1000-N)<br>VELUX ACTIVE indoor climate sensor: ABS plastic, white (NCS S 1000-N)<br>VELUX ACTIVE departure switch: ABS plastic, white (NCS S 1000-N) |
| | **Size and weight description** | Gateway: 93x93x28 mm, 125g<br>Departure switch: 81x81x15 mm, 39g<br>Indoor climate sensor: 116x80x18 mm, 62g |
| | **Installation and use** | Indoor installation at max 40 °C.<br>The gateway must be placed at a central location in the home ensuring wireless connection to both VELUX products and WiFi router.<br>The bracket is to be used for fixation on the wall.<br>The sensor KLA 300 is to be installed in the room 90-170 cm above floor level for measuring the indoor climate.<br>The departure switch KLN 300 is to be installed next to the entrance door of the home for safe departure.<br>Radio frequency range: 300 m free field. Depending on building construction, the indoor range is approx 30 m. However, constructions with reinforced concrete, metal ceilings and plaster walls with steel members may reduce the range. See also installation instructions.<br>The daily operation of the VELUX electric products is performed from the app VELUX ACTIVE with NETATMO. The app is also used for setting personal preference to the ACTIVE control.<br>Additional operation is possible via the indoor climate sensor KLA 300 and departure switch KLN 300.<br>The indoor climate sensor KLA 300 has 3 buttons which can be used to operate (up/down/stop) all products of the same type within the room (e.g. roof windows).<br>The departure switch KLN 300 has 2 buttons (lock and unlock buttons) which can be used to set the 'safe mode'. This limits or enables full automatic operation of roof windows. |
| | **Power consumption** | VELUX ACTIVE gateway 3LG: 230/240 V a.c. – 50-60 Hz / 2.5 W |
| | **Compatibility** | iPhone, iPad or iPod touch with iOS 9.0 or later<br>Smart phone / tablet with Android 5.0 or later<br>Apple HomeKit<br>Google Assistant (only voice control)<br>VELUX electric products (execpt KRD 100 adaptor plug & KRA 100 frame light)<br>Connected VELUX electric products: Maximum 200<br>Connected sensor switches (KLA 300): Maximum 10<br>Connecetd departure switches (KLN 300): Maximum 5 |
| | **Connection** | Wireless connection:<br>868.0 - 870.0 MHz (io-homecontrol®)<br>863.0 - 870.0 MHz (RF sub GHz)<br>2400 - 2483.5 MHz (Wi-Fi 802.11 b/g/n -2.4 GHz).<br>Security standard: Open/WEP/WPA/WPA2 (TKIP and AES)<br>Physical connection: The VELUX ACTIVE gateway is equipped with a 1.5 m 2-core cable with mains plug for connection to the mains supply. |
| **Departure switch** | **Materials** | ABS plastic, white (NCS S 1000-N) |
| **Gateway** | **Materials** | PC plastic, white (NCS S 1000-N) |
| **Indoor climate sensor** | **Materials** | ABS plastic, white (NCS S 1000-N) |
| **Departure switch** | **Size and weight description** | 80 mm x 80 mm x 10 mm (WxHxD), 0.065 kg. |
| **Gateway** | **Size and weight description** | 95 mm x 95 mm x 25 mm (WxHxD), 0.125 kg. |
| **Indoor climate sensor** | **Size and weight description** | 80 mm x 115 mm x 15 mm (WxHxD), 0.165 kg. |
| **Departure switch** | **Installation and use** | The departure switch is for indoor use only, between a minimum ambient temperature 5 °C and a maximum ambient temperature 45 °C.<br>It can be used in a dry or humid environment (such as a hall or an entrance).<br>Radio frequency range: 300 m range open field. Depending on the building construction, the indoor range is approximately 30 m. |
| **Gateway** | **Installation and use** | The gateway is for indoor use only, between a minimum ambient temperature 5 °C and a maximum ambient temperature 45 °C.<br>It can be used in a dry environment (such as a living room or a bedroom).<br>Radio frequency range: 300 m range open field. Depending on the building construction, the indoor range is approximately 30 m. |

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| **Indoor climate sensor** | **Installation and use** | The sensor switch is for indoor use only, between a minimum ambient temperature 5 °C and a maximum ambient temperature 45 °C.<br>It can be used in a dry or humid environment (such as a living room, a bedroom or a bathroom).<br>Radio frequency range: 300 m range open field. Depending on the building construction, the indoor range is approximately 30 m. |
| **Departure switch** | **Power consumption** | 2 x Alkaline AAA (1.5V) batteries<br>Expected battery lifetime: Up to 2 years. |
| **Gateway** | **Power consumption** | 230/240 V a.c. – 50-60 Hz / 2.5 W |
| **Indoor climate sensor** | **Power consumption** | 3 x Alkaline AA (1.5V) batteries<br>Expected battery lifetime: Up to 2 years. |

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