

Installation Guide

AK-UI55

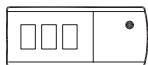


084R8057



AN294434115977en-000202

Identification



AK-UI55 Bluetooth

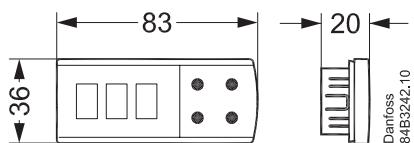


AK-UI55 Set

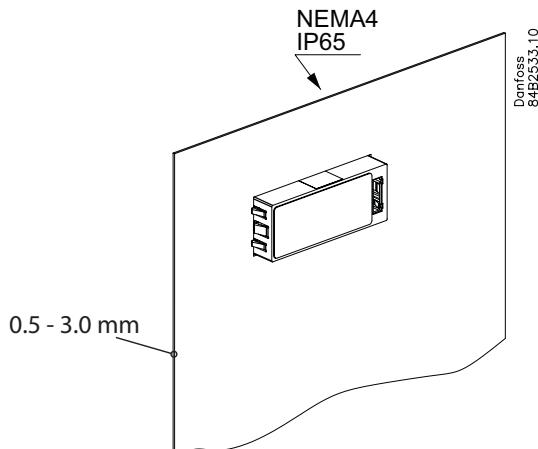
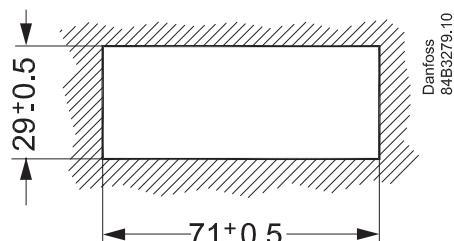


AK-UI55 Info

Dimensions

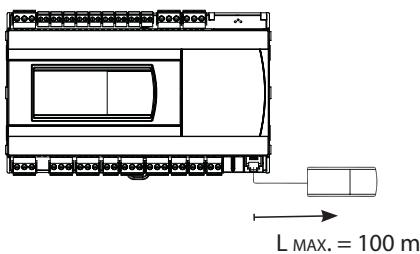


Mounting

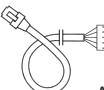


$t_{amb} = 0 - 55^{\circ}\text{C}$
 $32 - 130^{\circ}\text{F}$
 Non condensing

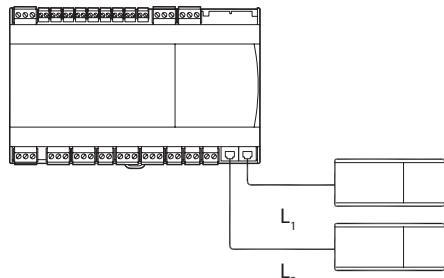
Connection



RJ 12

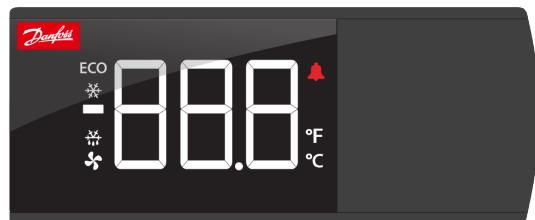


AK-UI cable, 3 m: **084B4078**
 AK-UI cable, 6 m: **084B4079**

 $L_1 + L_2: \text{MAX. } 100 \text{ m}$

AK-UI55 Info

Lights up in event of:
 Energy optimization
 Cooling
 Defrosting
 Fan operation



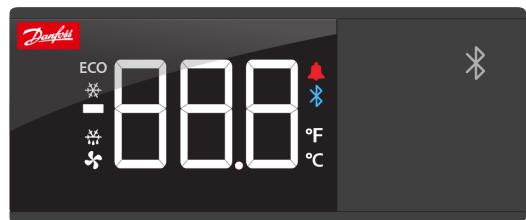
Lights up in event of:
 Alarm

With start-up /connection to a controller,
 the display will "light up in circles" as it collects data from the controller.

The display can give the following messages:

- d- Defrost is in progress
- Err The temperature cannot be displayed due to a sensor error
- Fan Appliance cleaning has been initiated. The fans are running
- OFF Appliance cleaning is activated and the appliance can be cleaned
- OFF The main switch is set to Off
- SEr The main switch is set to service / manual operation
- CO₂ Flashes: Will display in event of a refrigerant leakage alarm, but only if the refrigerant is set up for CO₂

AK-UI55 Bluetooth



Without configuration, the display can show the same information as shown above.

Access to parameters via Bluetooth and app

1. App can be downloaded from Google App Store and Google Play

Name = AK-CC55 Connect

Start the app.

2. Click on the display's Bluetooth button for 3 seconds.

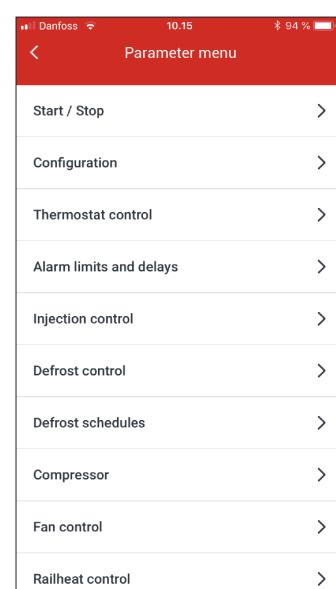
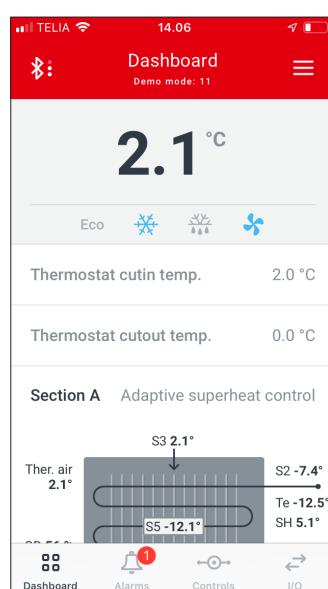
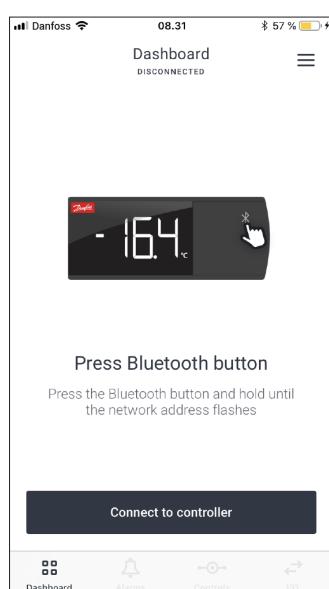
The Bluetooth light will then flash while display is showing the controller's address.

3. Connect to the controller from the app.

Loc

The operation is locked and cannot be operated via Bluetooth.

Unlock from the system device.



Functions:
 See the respective controller's User Guide.

AK-UI55 Set

Display during operation

The values will be shown with three digits, and with a setting you can display the temperature in °C or in °F.



The display can give the following messages:

- d Defrost is in progress
- Err The temperature cannot be displayed due to a sensor error
- Err The display cannot load data from the controller. Disconnect and then reconnect the display
- ALA The alarm button is activated. The first alarm code is then shown
- Top position in the alarm queue
- Bottom position in the alarm queue
- Loc The configuration is locked. Unlock by pressing (for 3 seconds) on the 'up arrow' and 'down arrow' simultaneously
- UnL The configuration is unlocked
- The parameter has reached min. or max. limit
- PS A password is required for access to the menu
- Fan Appliance cleaning has been initiated. The fans are running
- OFF Appliance cleaning is activated and the appliance can now be cleaned
- OFF The main switch is set to Off
- SEr The main switch is set to service / manual operation
- CO2 Flashes: Will display in event of a refrigerant leakage alarm, but only if the refrigerant is set up for CO₂

Factory setting

If you need to return to the factory-set values, it can be done in this way:

- Cut off the supply voltage to the controller
- Keep up "↑" and down "↓" arrow buttons depressed at the same time as you reconnect the supply voltage
- When FAc is shown in the display, select "yes".

Statements for the AK-UI55 Bluetooth display:**FCC COMPLIANCE STATEMENT**

CAUTION: Changes or modifications not expressly approved could void your authority to use this equipment. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

INDUSTRY CANADA STATEMENT

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

NOTICE**FCC COMPLIANT NOTICE**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Modifications: Any modifications made to this device that are not approved by Danfoss may void the authority granted to the user by the FCC to operate this equipment.

Any regulatory related concerns contact: Global_approvals@danfoss.com

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United States of America
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EU CONFORMITY NOTICE

Hereby, Danfoss A/S declares that the radio equipment type AK-UI55 Bluetooth is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: www.danfoss.com

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