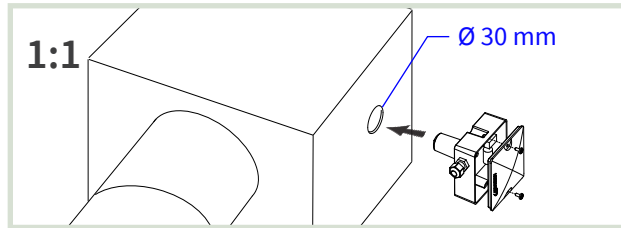
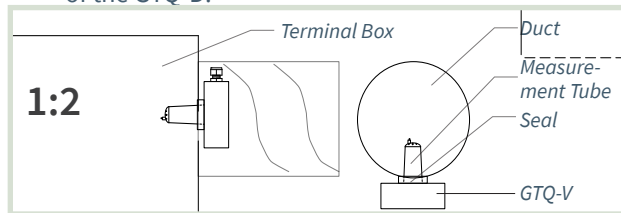


1. INSTALLATION OF GTQ-D

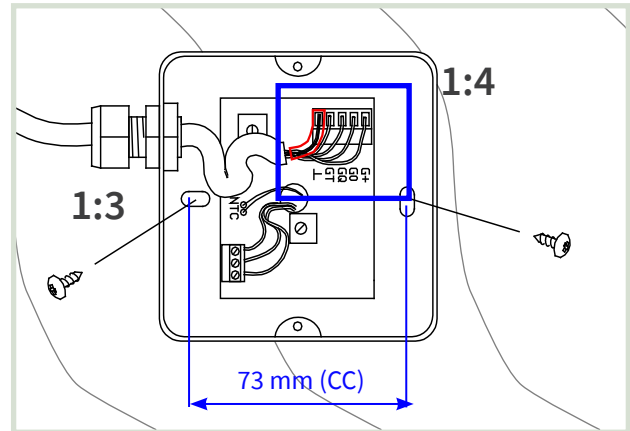
For reliable room temperature measurement, the GTQ-D should be mounted in direct connection to a suitable exhaust air terminal.



[1:1] Make a hole with a diameter of 30 mm in the terminal box or duct as close to the exhaust air terminal as possible. Remove the cover of the GTQ-D.



[1:2] Place the GTQ-D with the seal against the terminal box or duct.



[1:3] Orient the GTQ-D for fastening along the length of the duct. Tighten the screws until the seal is tight.

[1:4] When connecting: Use a bi-leader tube for the shield. Reattach the cover.

2. CONNECTING THE GTQ-D

Note: The connection label with the wiring diagram is located inside the cover of the enclosure.

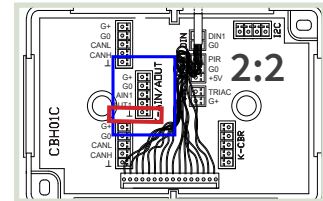
[2:1] Preparations

- = Note: Use a bi-leader tube for the shield.
- = The conductor and shield are connected according to the product's wiring diagram.
- = Choose a suitable outlet in the enclosure for cable entry.

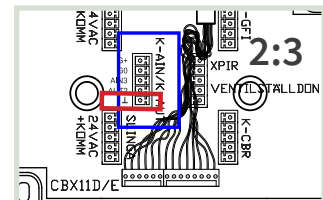
Terminal Block K-AIN

Bi-leader tube on shield

[2:2] Connection to active terminal ISQ, ISQ-F. Connection via junction box (CBD version A01) and terminal K-AIN.



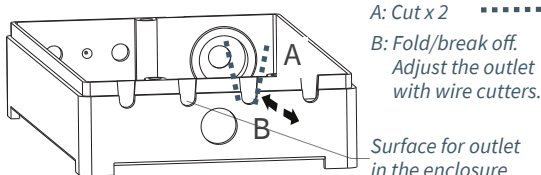
[2:3] Connection to active terminal TTC and VTD. Connection via junction box CBX and terminal K-AIN.



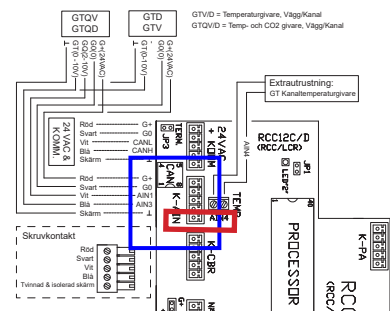
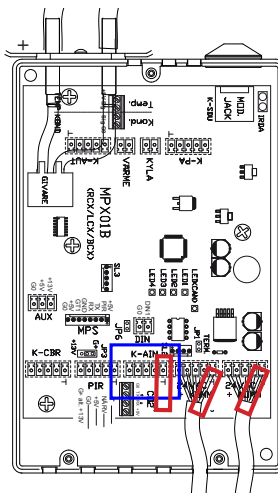
3. CONNECTING: CONTROLLERS

LCX/LCXB/RX/RXCB

The cable is secured when the cover is screwed on after connection!



[2:2] Create an outlet in the enclosure for cabling: LCX and RX. Use wire cutters to [A] open a suitable outlet in the enclosure and to [B] trim the outlet.



Older controllers LCR and RCC
Cabling is secured through the gland in the box.

Terminal Block K-AIN

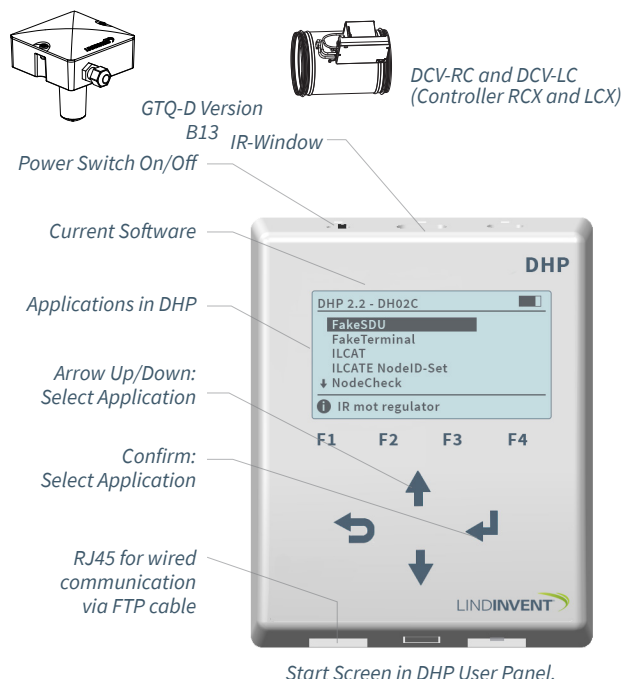
Bi-leader tube on shield

SEE THE OTHER SIDE FOR COMMISSIONING INSTRUCTIONS!

MANUAL SETTINGS

FOR MEASUREMENTS FROM GTQ-D

- Settings of AIN functions with parameter settings:
 - ISQ, TTC, and VTD (Active terminals with room climate controller)
 - LCX and RCX (Laboratory and room climate controllers)
 - LCR and RCC (Earlier versions of LCX and RCX)
- The mobile application LINDINSIDE is used for logging in to ISQ, RCXb, and LCXb. For guidance, see the commissioning instructions for each control unit.
- The handheld device DHP is used for logging in to:
 - TTC and VTD (Wireless only via DHP application ILCAT)
 - LCX and RCX (Wireless or Wired)
 - LCR and RCC (Wireless or Wired)
- Settings can also be made on all units via the master network. See the communication tool LINDINSPECT®.



1. SETTINGS AIN:

ACTIVE TERMINAL ISQ, ISQ-F, TTC, VTD

Note: The GTQ-D is connected only for carbon dioxide measurement. Active terminals are equipped with room temperature sensors.

Input/Output Signals	Function/Value
AIN1: ISQ, ISQ-F	
Function (Note 1)	CO ₂ - Sensor
Param. 1	0
Param. 2	2000

Input/Output Signals	Function/Value
AIN3: TTC, VTD	
Function (Note 1)	CO ₂ - Sensor
Param. 1	0
Param. 2	20

ISF, ISQ-F, TTC, VTD:

Note 1 Select function from a predefined list. AIN:
<OFF>; <Flow BV>; <DUC>;
<Wall Wheel>; <CO2 Sensor>...

2. SETTINGS ON CONTROLLERS LCX AND RCX

Logging into LCX and RCX:

- Wireless via DHP:
Select application FakeSDU.
- Wired via DHP and FTP cable:
Select application Serial SDU
- Logging into RCXb and LCXb:
Only via LINDINSIDE

Input/Output Signals	Function/Value
AIN2	
Function (Note 1)	CO ₂ - Sensor
Param. 1	0
Param. 2	2000
AIN3	
Function (Note 1)	Room Temperature
Param. 1	12
Param. 2	43

LCX and RCX

Note 1 Select function from a predefined list. AIN:
<Inactive>; <Damper>; <Room Temperature>; <Supply Air Temperature>; <CO2 Sensor>...

3. SETTINGS ON CONTROLLERS LCR AND RCC

Logging in via DHP:

- Wireless via DHP:
Select application FakeSDU
- Wired via DHP and FTP cable:
Select application SDU

Input/Output Signals	Function/Value
AIN1	
Function (Note 1)	CO ₂ - Sensor
Param. 1	0
Param. 2	2000
AIN3	
Function (Note 1)	Room Temperature
Param. 1	12
Param. 2	43

LCR and RCC

Note 1 Select function from a predefined list. AIN:
<Inactive>; <Damper>; <Room Temperature>; <Supply Air Temperature>; <CO2 Sensor>...

4. FUNCTION VERIFICATION

Values that can be read from the control unit are verified via a calibrated reference instrument.

SEE THE OTHER SIDE FOR
INSTALLATION INSTRUCTIONS!