



Lindab FTCU4 UltraLink Controller FTCU Instruction Manual

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**LindabUltraLink ® ControllerFTCU
Mounting instruction**

Please note:

- Do not remove the transducers!
- Do not use transducers as handles when you mount the FTCU since this may cause damage!

- Make sure the airflow arrow is pointing in the direction of the airflow.
- Rotate the sensor body to the correct position to page.

- On FTCU's sizes 400 — 630 loosen the nut so the sensor body can be turned into the desired position. The flange is tightened by tightening the nut.

- Position the display so it is visible from a suitable direction.

- Mount the FTCU into the air duct system according to the mounting instructions for Lindab Safe.

- When the FTCU is positioned accurately it should be fixed with screws to the damper body in the same way as when you connect ducts and fittings.

- Never use an FTCU on the outlet side of a duct fan. Place it on the inlet side or in the worst case use a flow conditioner placed on the outlet side.
- The longer the distance to disturbance, i.e. the longer the straight duct before the UltraLink® measurement accuracy will be.

- The motor direction switch must always be set to “1” as supplied.

- If the damper needs to be turned manually, then press the manual override button on the motor and turn the damper with an 8 mm wrench or similar.

- Note the ID number of the FTCU. The ID is the three last numbers of the serial number and can be found: – on the box it was delivered in – on the label on the FTCU itself – in the display after pressing the “MODE” button – in the A product is on

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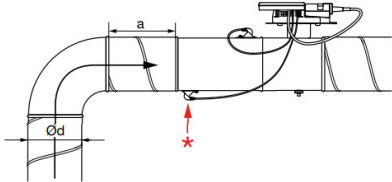
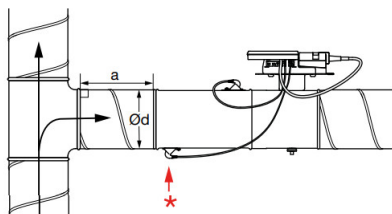
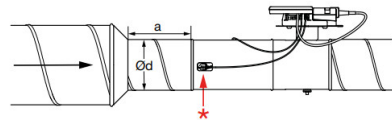
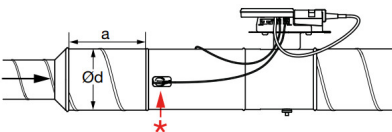
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Positioning

Disturbance	• Placement of first flow sensor	Measurement uncertainty \pm % or X l/s depending which is the greatest•			
		A			
		2-4x0d	>4-5x0d	>5x0d	
Bend		Inner radius (Best position)	5	5	5
T- piece		Inner radius (Best position)	10	5	5
Reducer		Duct diameter decrease	5	5	5
Reducer		Duct diameter increase	10	5	5

* ± 5 % or l/s ($\varnothing 100 = \pm 1,00$, $\varnothing 125 = \pm 1,25$, $\varnothing 160 = \pm 1,60$, $\varnothing 200 = \pm 2,00$, $\varnothing 250 = \pm 2,50$, $\varnothing 315 = \pm 3,15$, $\varnothing 400 = \pm 4,00$, $\varnothing 500 = \pm 5,00$, $\varnothing 630 = \pm 6,30$)

Lindab reserves the right to make changes without prior notice 2021-12-08



Declaration of incorporation for partly completed machinery and FCC statement

1. Declaration number	1002
2. Unique identification code of the product	FTCU
3. Type	Ultrasonic device
4. Product description	Measuring and controlling air flow and measuring temperature
5. Manufacturer	Lindab Ventilation AB Stålhögavägen 115, 26982 Båstad, Sweden Telephone +46 431 85000, www.lindab.com

Developed, designed and manufactured with the essential requirements by safe and security of the European Directive(s) and Regulation(s):

2006/42/EC 1.1.2, 1.1.3, 1.3.4	Machinery Directive (MD)
2014/30/EU	Electromagnetic Compatibility Directive (EMC)
2011/65/EU & 2015/863/EC	Restriction of Hazardous Substances (RoHS)

The partly completed machinery is developed, designed, and manufactured with the essential requirements of the following standards:

EN 61000-6-1:2002 – Part 6-1	Generic standards – Immunity for residential, commercial, and light
EN 61000-6-2:2005 – Part 6-2	Generic standards – Immunity to industrial environments
EN 61000-6-3:2002 – Part 6-3	Generic standards – Emission standard for residential, commercial
EN 61000-6-4:2002 – Part 6-4	Generic standards – Emission standard for industrial environment

FCC declaration and statement

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. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment complies with FCC exposure limits set forth for an uncontrolled environment.

"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."

This declaration of conformity is established under the sole responsibility of the manufacturer identified in point 5.

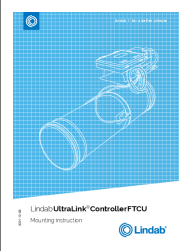


Signed for and on behalf of the manufacturers by:



Authorized person:
Karel Kleinmond
Group Operations Director
2021-01-18 Karlovarska, Czech Repulic

Documents / Resources

	<p>Lindab FTCU4 UltraLink Controller FTCU [pdf] Instruction Manual FTCU4 UltraLink Controller FTCU, FTCU4, UltraLink Controller FTCU</p>
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References

-  [Lindab | For a better climate - Lindab](#)