

Lindab **Plafond XD Cover**


Quick installations guide



Quick installations guide

Plafond XD Covers

Symbols

 Hot water



Heavy Load - 2 man job - It is recommended to use a "lift" for mounting.

 Cold water



Hand-pull



Magnets



Lock / unlock

Tools



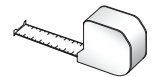
Knife



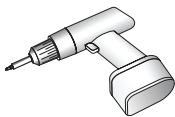
Gloves



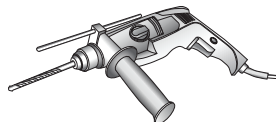
Shoes with soft soles



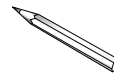
Tape measure



Drill machine



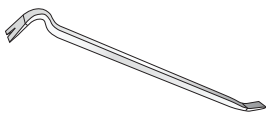
Percussion drill



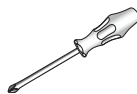
Pencil



Spanner



Crowbar



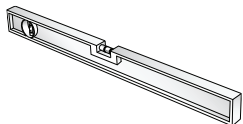
Screwdriver



Vacuum cleaner



Dust-cleaner

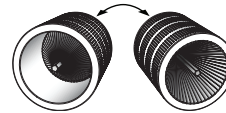


Spirit level*

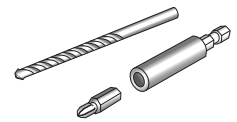
**Laser alignment tool recommended*



Lindab PC410
(Order no: 103344)



Deburring tool

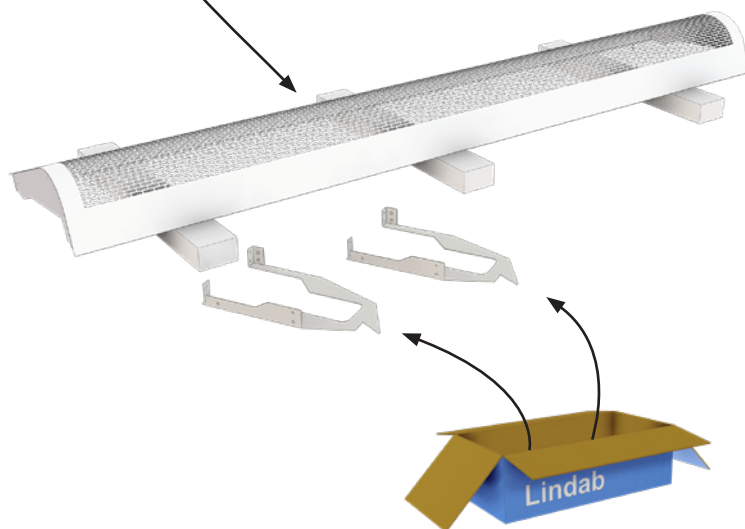
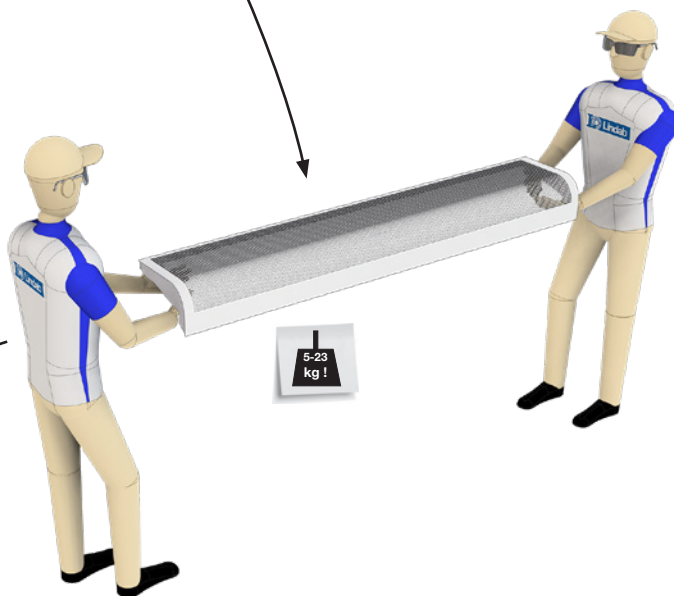
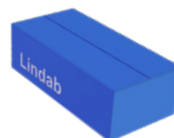
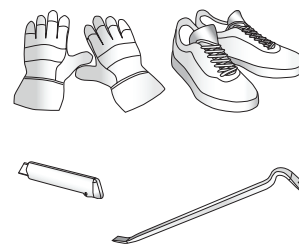


Bits and drills

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Plafond XD Covers

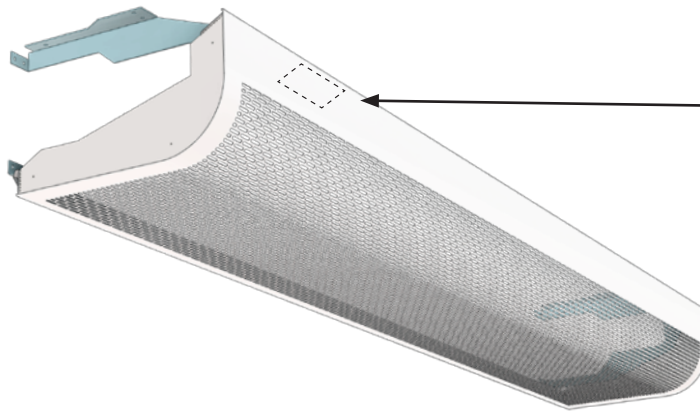
Packing and unpacking



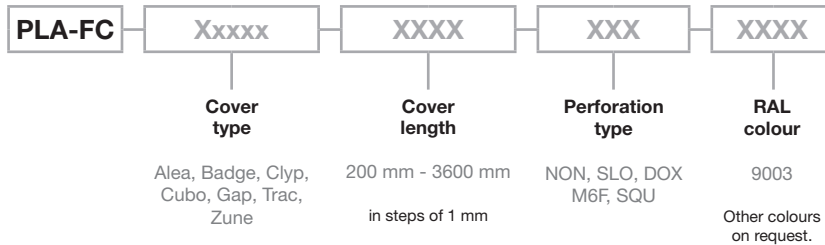
Quick installations guide

Plafond XD Covers

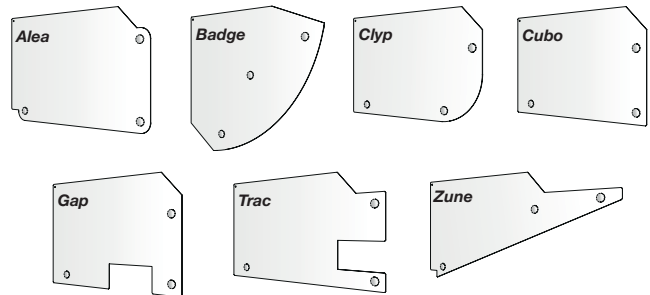
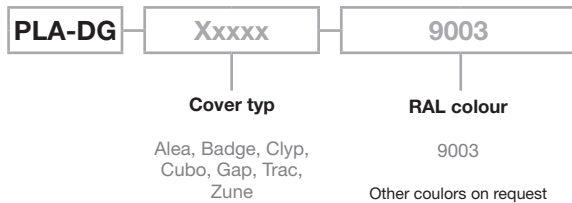
Order code label



Order code



Design end-gables order code



Materiale data

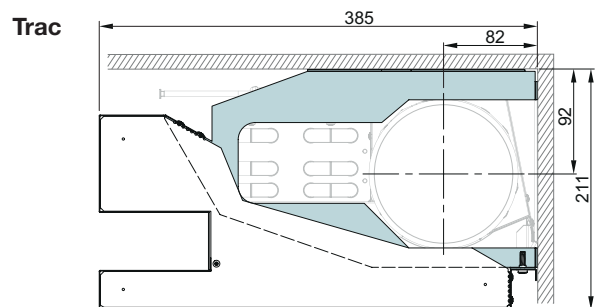
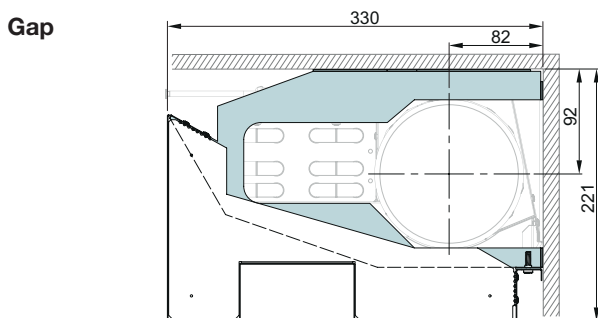
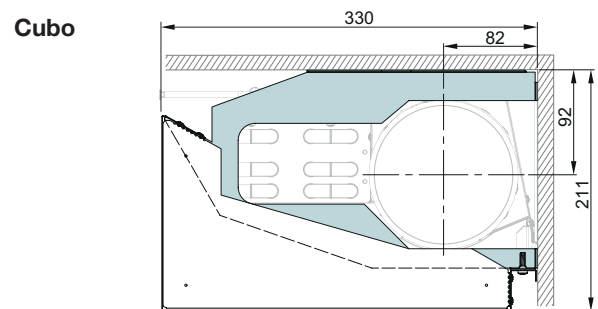
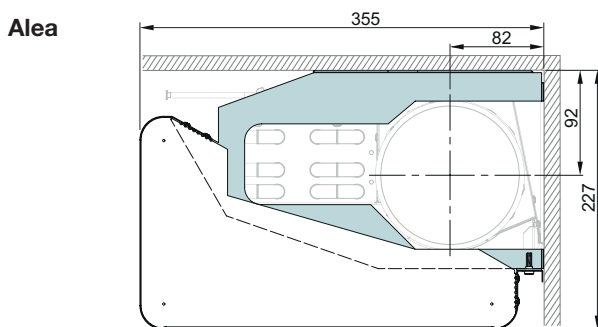
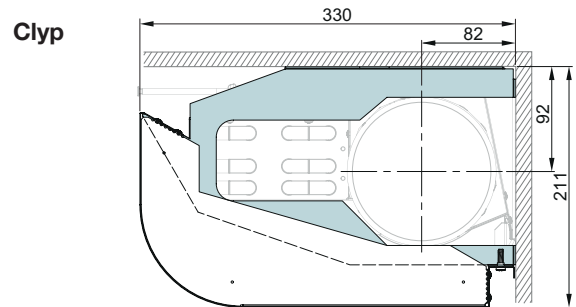
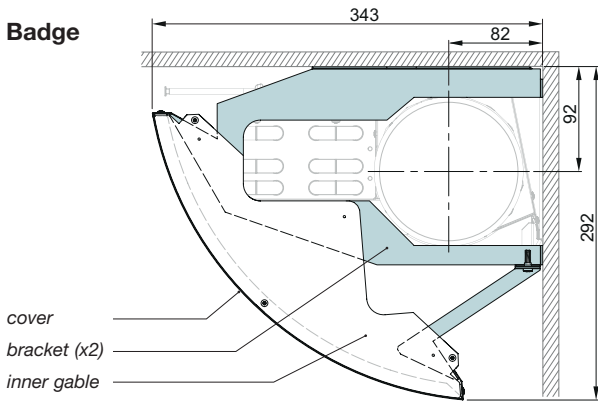
Cover type	Cover weight [kg/m]	Design end-gables weight (2 pcs.) [kg]	Cover brackets weight (2 pcs.) [kg]
PLA-FC-Alea	5.4	0.7	1.0
PLA-FC-Badge	5.2	0.7	
PLA-FC-Clyp	4.6	0.7	
PLA-FC-Cubo	4.8	0.7	
PLA-FC-Gap	5.4	0.7	
PLA-FC-Trac	6.4	0.7	
PLA-FC-Zune	5.8	0.7	

Plafond XD Covers, design end-gables and brackets, weight for all different types.

Quick installations guide

Plafond XD Covers

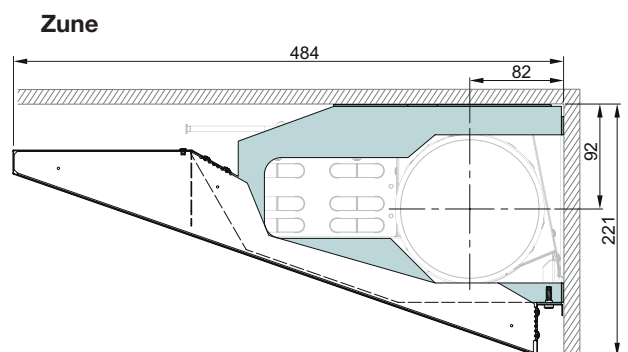
Plafond XD Cover dimensions



Lengths L_{cov} :
 Body Covers: $1.200 \text{ mm} \leq L_{cov} \leq 3.600 \text{ mm}$.
 Body Covers must be min. 400 mm longer than L_{nom} of the Body.

Connection Covers: $200 \leq L_{cov} \leq 3.600 \text{ mm}$

All the Covers come with two included brackets for easy installation independently of the Plafond XD Body.



Quick installations guide

Plafond XD Covers

Preparation for installation of the product

Cover installation (single Cover)

The Body must always be installed before the Covers.

All 7 Cover types are supplied with 2 two brackets each by default.

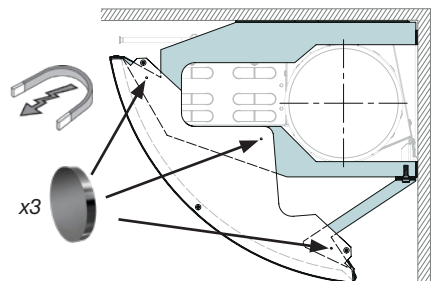
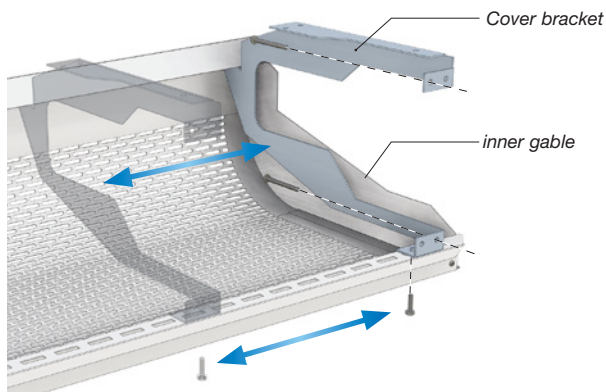
All Cover brackets must be alligned with the Body brackets!

Length of		Min. [mm]	Max. [mm]
Body	L_{nom}	800	3.200
Cover	L_{cov}	1.200	3.600
Connection Cover	L_{cov}	200	3.600

Recommendations for the Cover installation of a single Cover:

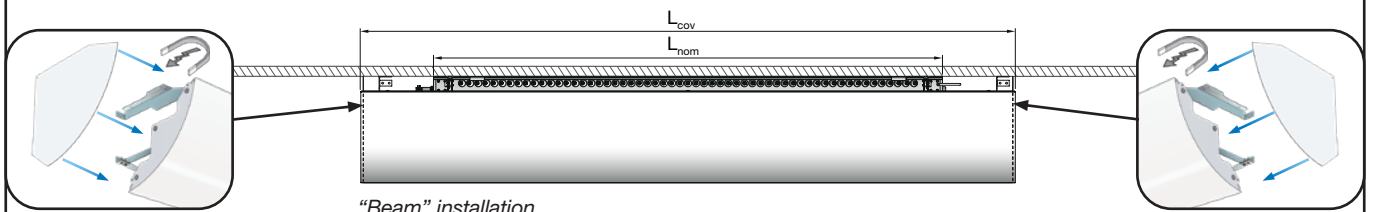
See also [Plafond XD Installation instruction](#) chapter 5.4 and 5.5 for basic rules and guidelines.

- Body Cover should be min. 400 mm longer than L_{nom} of Body
- Every Cover has two own brackets (incl. in delivery)
- Cover brackets positioning with distance to Body (min. 100 mm)
- Min. 7 mm distance/gap to a wall

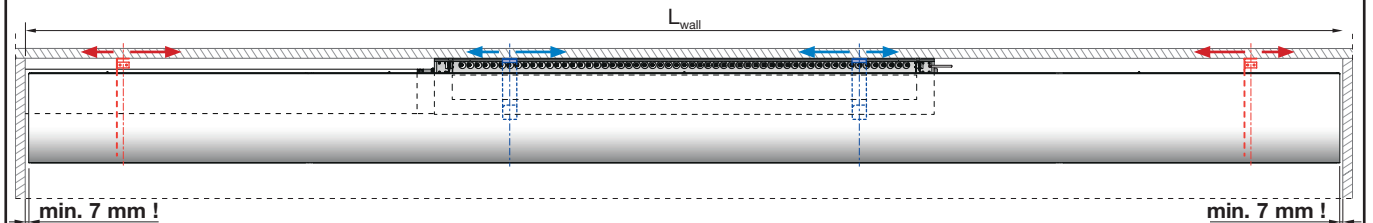


All Cover types can have brackets placed freely, but notice that:

- Brackets must not overlap Body.
- Min 100 mm from Body
- Good idea to keep brackets close to inner gables, specially when Cover has minimum length (Body + 400 mm).



"Beam" installation.



"wall/wall" installation. Body brackets in blue and Cover brackets in red. **Measure L_{wall} accurately!**

Example 1: Calculating single Cover length

$L_{wall} = 3.400 \text{ mm}$

Decision: Body $L_{nom} = 1.600 \text{ mm}$

$L_{cov} \text{ wall to wall} = ?? \Rightarrow \text{Calculate } L_{cov} = 3.400 \text{ mm} - 7 \text{ mm} - 7 \text{ mm} = L_{cov} = 3.386 \text{ mm}$

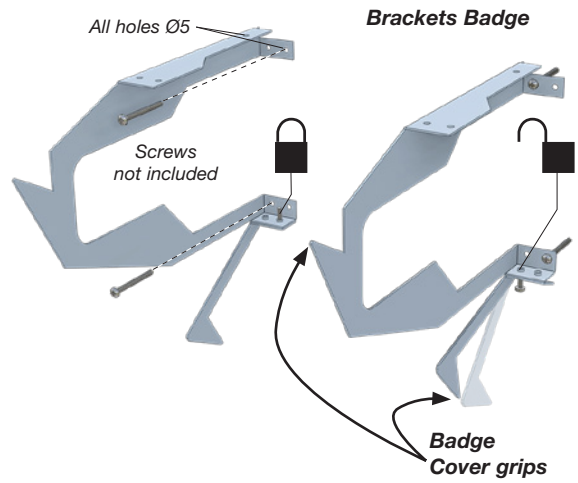
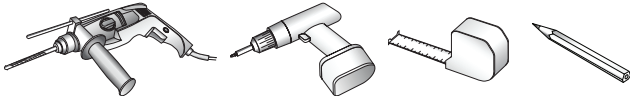
To order:
 Body $L_{nom} = 1.600 \text{ mm}$
 Cover $L_{cov} = 3.386 \text{ mm}$
 All brackets will be included.

Quick installations guide

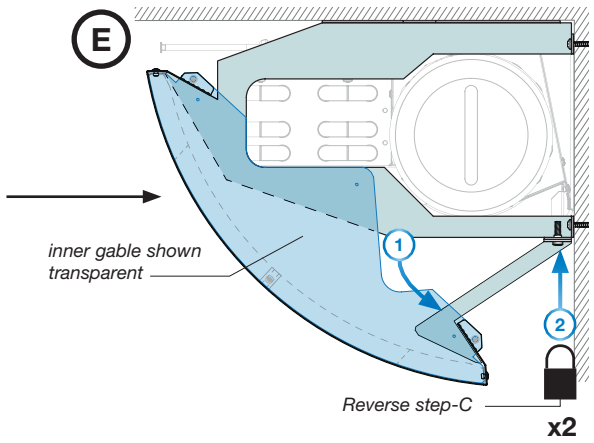
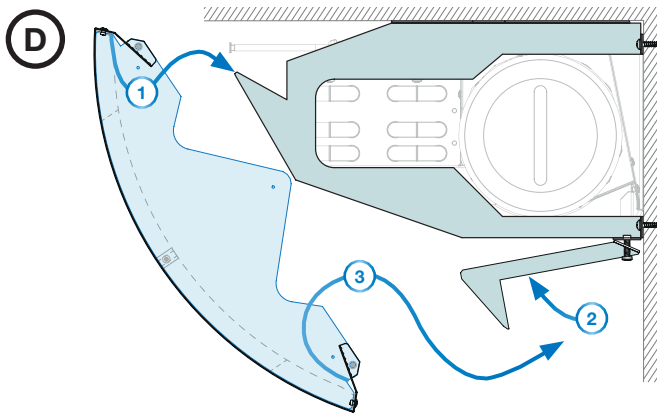
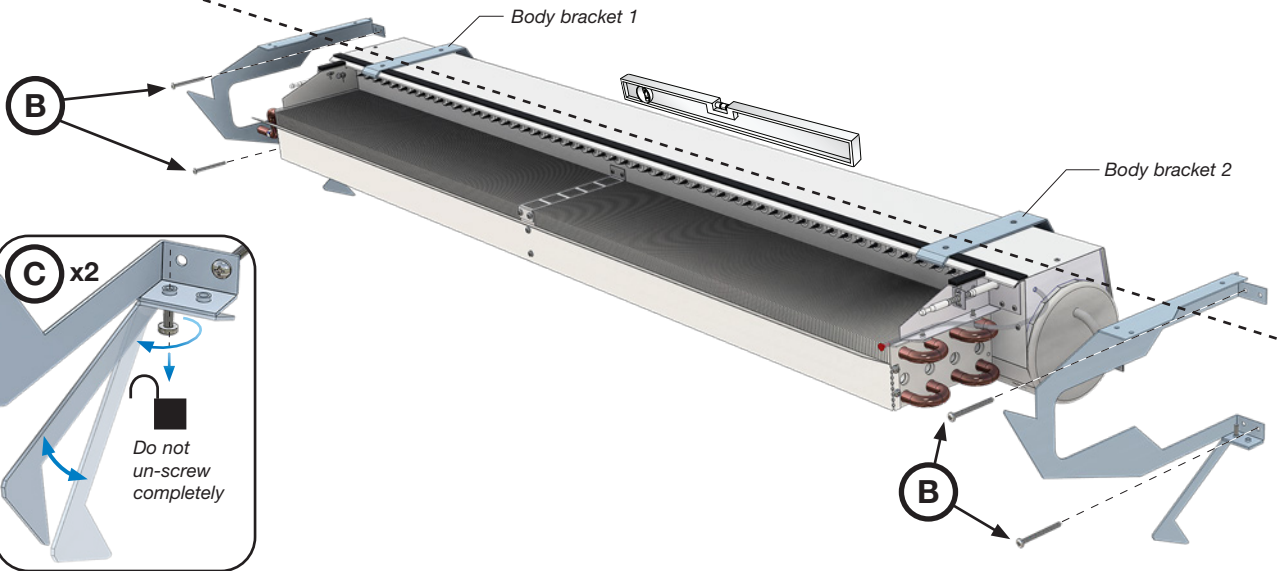
Plafond XD Covers

Installation

Special brackets for classic Cover Badge



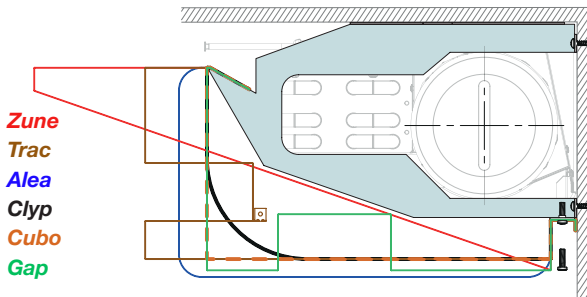
A Exact leveling of Body and Cover brackets necessary!
Use of a laser alignment tool is recommended.



Quick installations guide

Plafond XD Covers

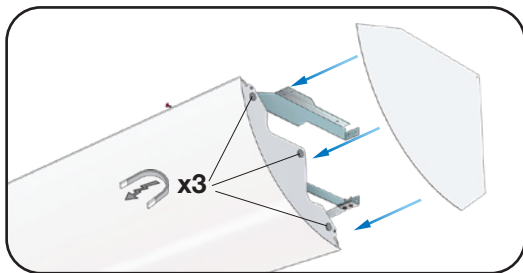
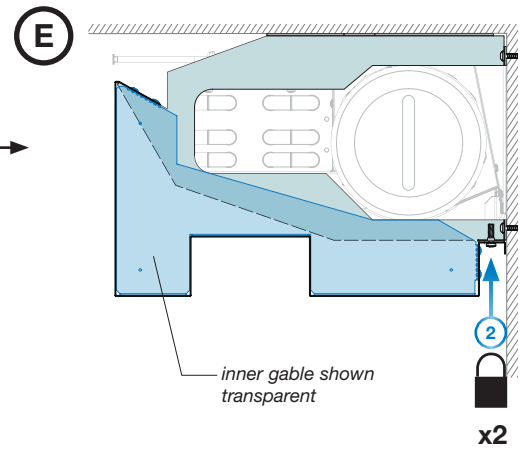
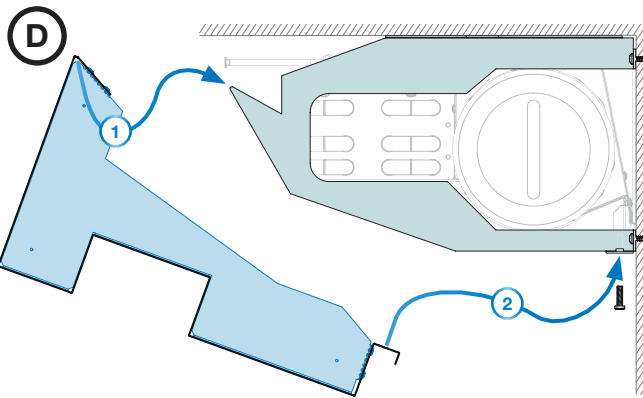
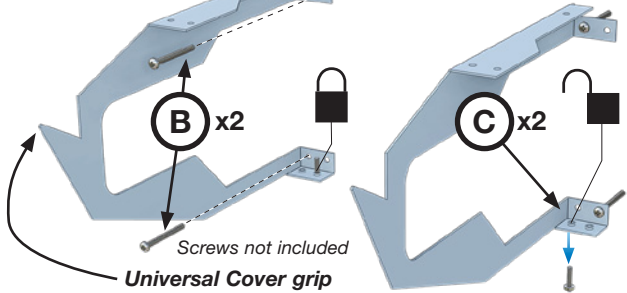
Universal brackets for all other Covers, Alea, Clyp, Cubo, Gap, Trac and Zune



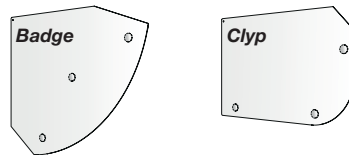
A Exact leveling of Body and Cover Brackets necessary!
See step A on previous page.

All holes Ø5

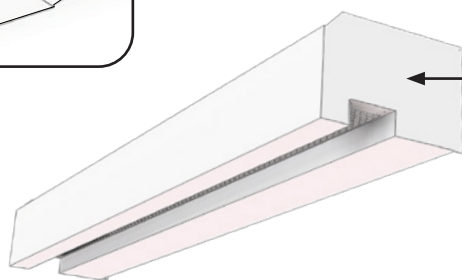
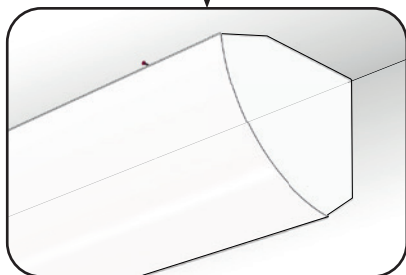
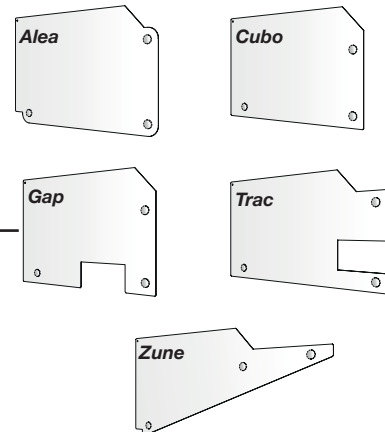
Universal brackets



Design end-gables for classic Badge and Clyp Covers



Design end-gables for the design Covers



Quick installations guide

Plafond XD Covers

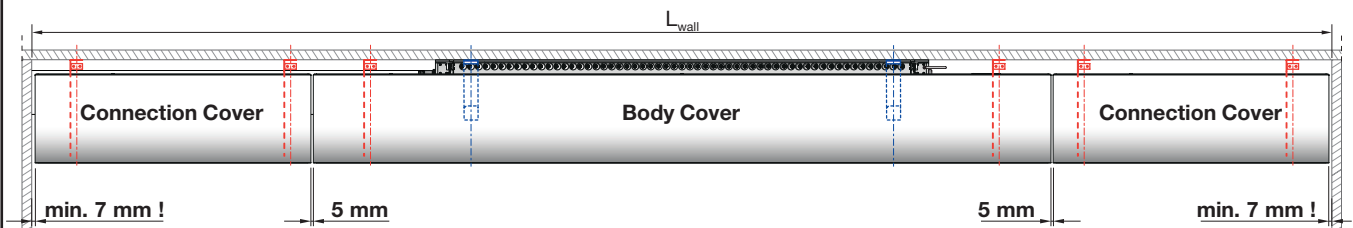
Connection Covers for Plafond XD

Installation of connection Covers is the same as when covering the Body with a single Cover.

However when using connection Covers it is even more important to be carefull when dimensioning the length of your Covers and leveling both Body and Cover Brackets accurately.

Recommendations for the Cover installation of two or more Covers:

- A Body must always be covered by an own (Body-)Cover.
- Body Cover should be min. 400 mm longer than L_{nom} of Body.
- Connection Cover min. 200 mm.
- Cover brackets positioning with distance to Body.
- Min. 7 mm distance/gap to a wall.
- Exactly 5 mm distance/gap between two covers.
- Use of laser alignment tool is recommended.



Body brackets shown in blue and Cover brackets in red. **All brackets must be aligned accurately, use laser equipment for alignment.**

Example 2: Calculating Cover lengths using installation above

$L_{wall} = 3.800\text{ mm} \Rightarrow$ more than one Cover needed

Descision: Body $L_{nom} = 1.400\text{ mm}$, Body Cover $L_{cov} = 2.000\text{ mm}$,
2 identical Connection Covers with $L_{cov} = ?? \Rightarrow$ Calculate

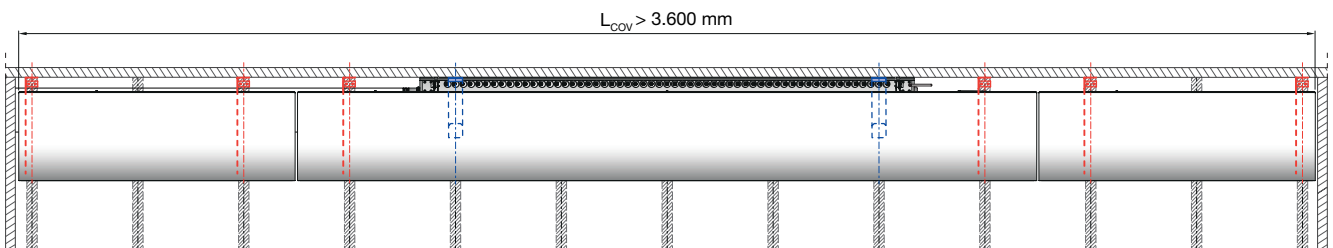
$$L_{cov\ total} = 3.800\text{ mm} - 2.000 - 7\text{ mm} - 5\text{ mm} - 5\text{ mm} - 7\text{ mm} = 1.776\text{ mm}$$

$$L_{cov} = L_{cov\ total} / 2 = 888\text{ mm}$$

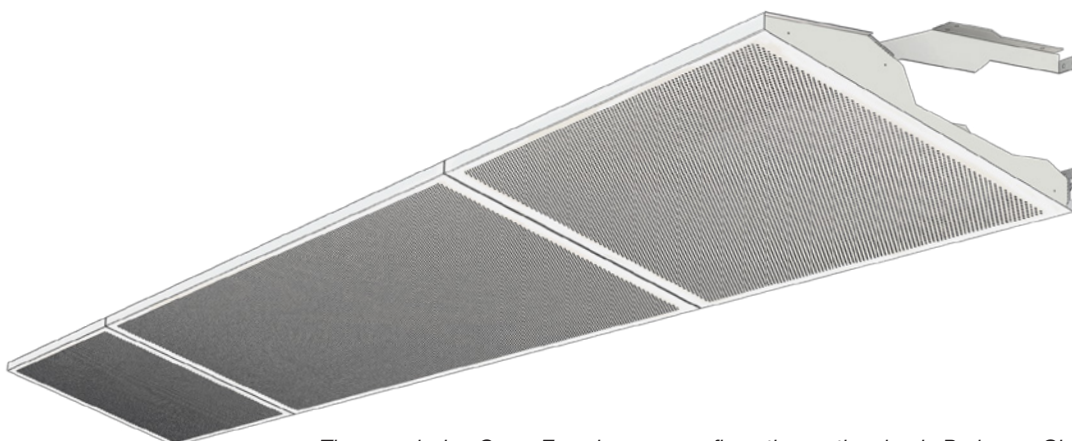
To order:

1 x Body	$L_{nom} = 1.400\text{ mm}$
1 x Cover	$L_{cov} = 2.000\text{ mm}$
2 x Cover	$L_{cov} = 888\text{ mm}$

All brackets will be included.



The flexible brackets included make the Pla-XD ideal for instaling on gypsum walls. Body brackets in blue and Cover brackets in red.



The new design Cover Zune in same configuration as the classic Badge on Gypsum wall above.

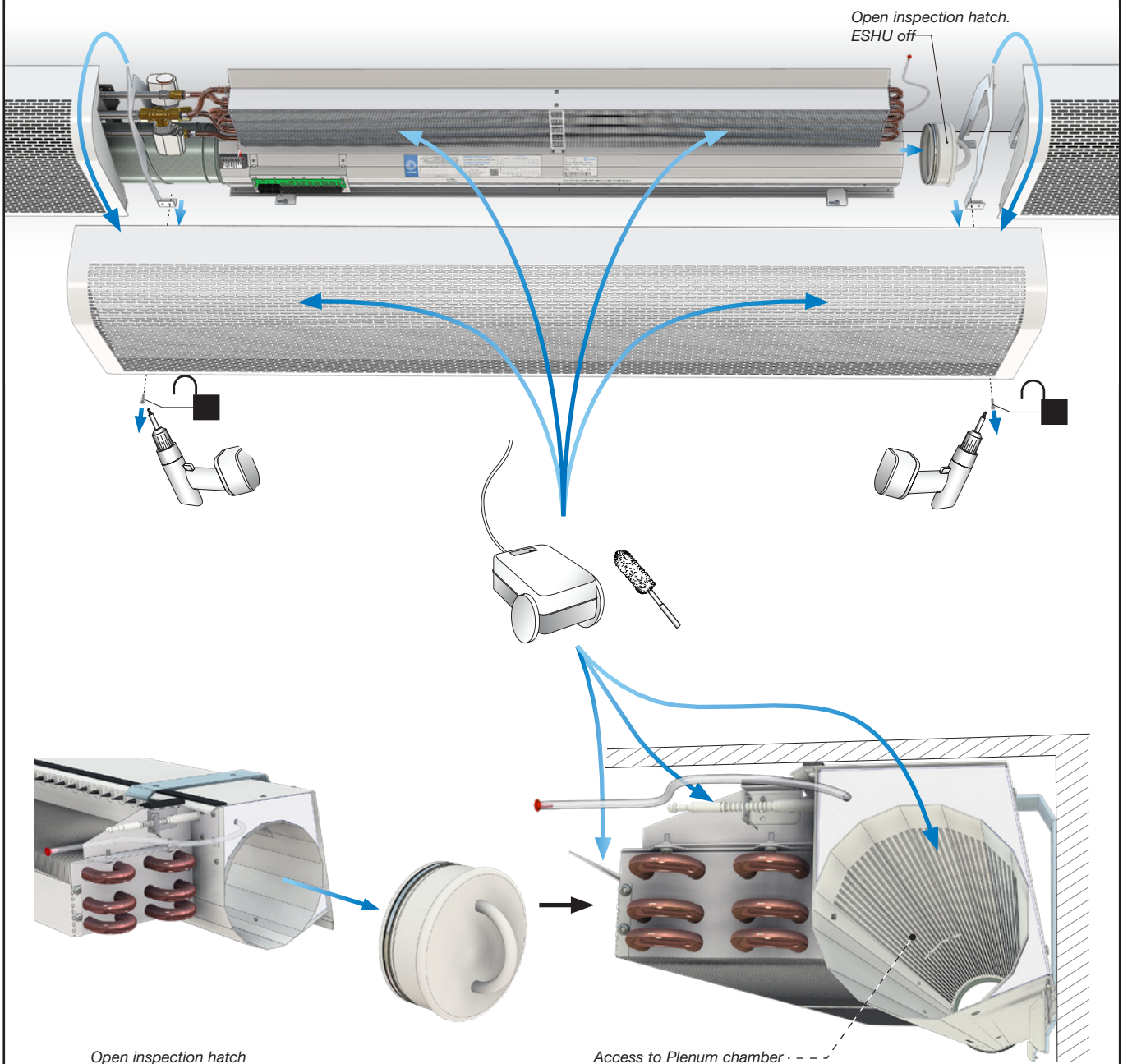
Quick installations guide

Plafond XD Covers

Maintenance

The interval of cleaning depends on the indoor environment where the beam is placed. Under optimal conditions the beams only need cleaning every 5 years.

- Open Cover.
- Clean the Body battery and the Cover's inner parts with a dust cleaner / vacuum cleaner.
- Only use lukewarm water and a mild detergent and a piece of wet cloth to clean the inlet face plate.
- Open the inspection hatch.
- Clean the air plenum chamber and air connection with a vacuum cleaner.
- Clean the top side of the battery, nozzle plate, JetCones and the plenum chamber with a dust cleaner / vacuum cleaner.





Most of us spend the majority of our time indoors. Indoor climate is crucial to how we feel, how productive we are and if we stay healthy.

We at Lindab have therefore made it our most important objective to contribute to an indoor climate that improves people's lives. We do this by developing energy-efficient ventilation solutions and durable building products. We also aim to contribute to a better climate for our planet by working in a way that is sustainable for both people and the environment.

[Lindab](#) | For a better climate