



# Lindab **Plafond XD Bodies**

Quick installations guide



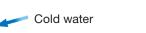


## Symbols





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





Hand-pull





Lock / unlock

## **Tools**



Knife



Gloves



Shoes with soft soles



Tape measure



Drill machine



Percussion drill



Pencil



Spanner



Crowbar



Screwdriver



Vacum cleaner



**Dust-cleaner** 



Spirit level\*

\*Laser alignment tool recommended



Lindab PC410 (Order no: 103344)

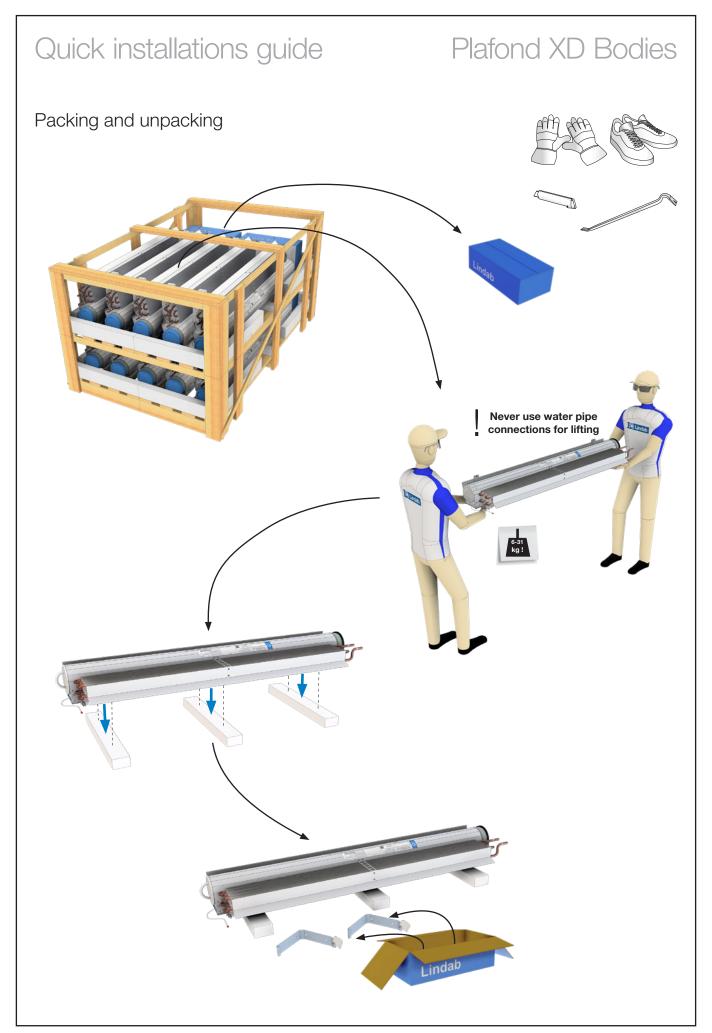


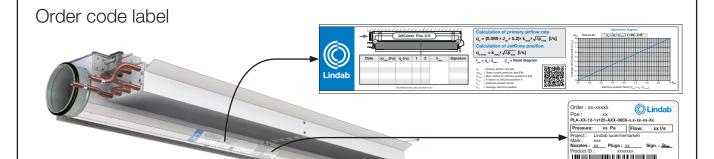
Deburring tool



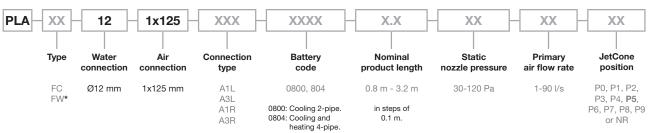
Bits and drills



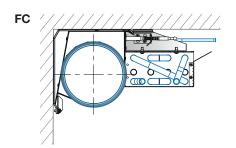


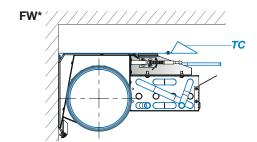


## Order code



<sup>\*</sup> inklusic. Top Cover PLA-TC





### Top Cover order code when ordered separately





## Material data

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Туре	Plafond XD		
Copper pipes, quality	EN-12735-2 CU-DHP		
Pressure class	PN10		

## Specific measures for the water circuit

Performance value	Function	Battery type CC HH	PLA-FC Dry weight [kg/m]	PLA-FW Dry weight [kg/m]	Water content cooling [I/m]	Water content heating [I/m]	Water content total [I/m]
Maximal cooling or heating	2-pipe	08 00	8.0	9.5	1.0		1.0
Maximal cooling and maximal heating	4-pipe	08 04	9.5	11.0	1.0	0.5	1.5



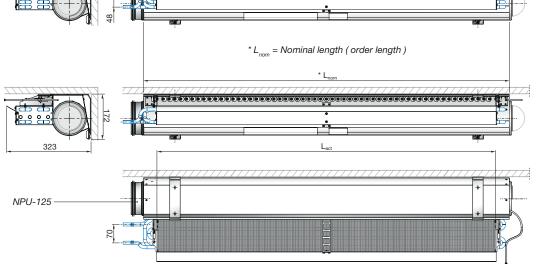
# Plafond XD Bodies

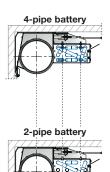
## Plafond XD Body dimensions

 $L_{nom}$  = nominal length (ordering length) = 800 to 3.200 mm  $L_{act}$  = the active length of the battery  $L_{act} = L_{nom} - 100 \text{ mm}$ 

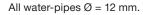
### A1R

### Dimensions valid for all Plafond XD Bodies.

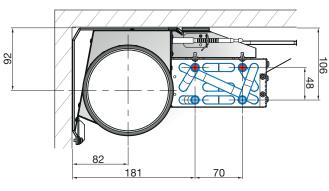


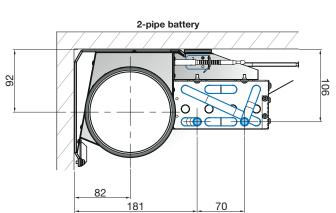




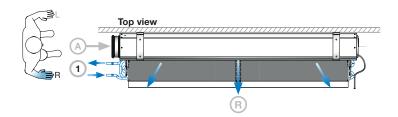


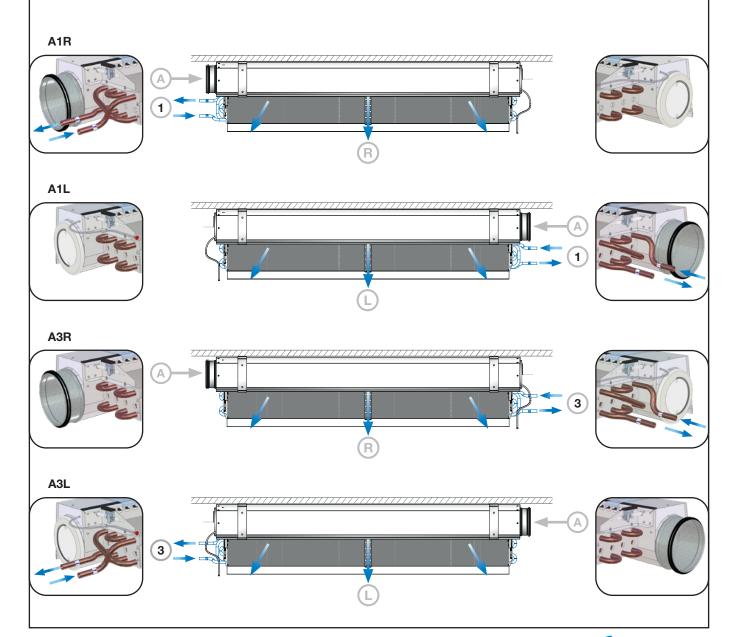
### 4-pipe battery





Possible connections, water cooling or heating (2-pipe)

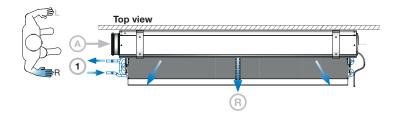


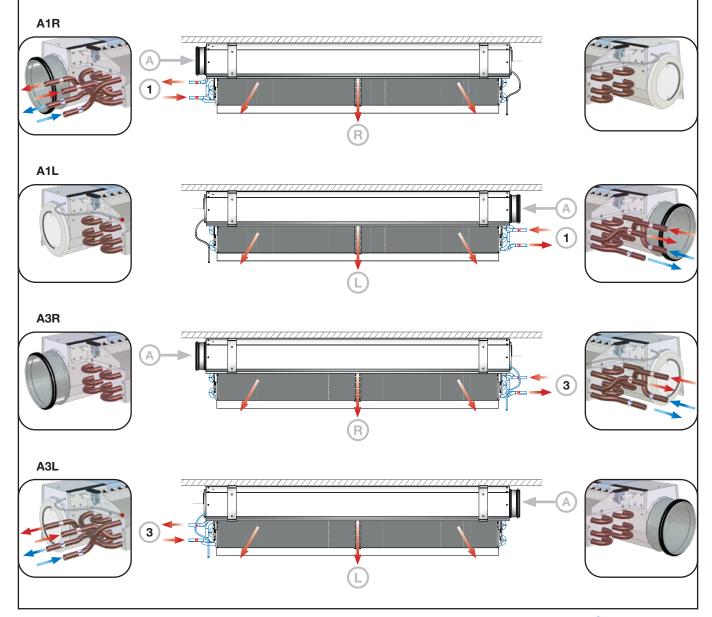


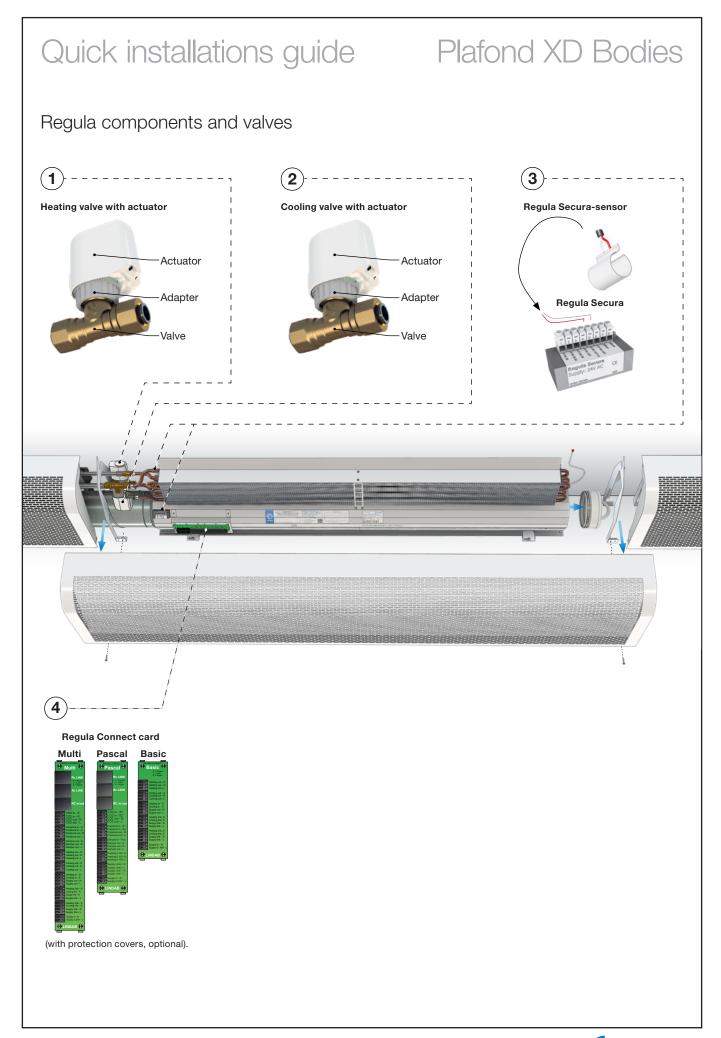


# Plafond XD Bodies

Possible connections, water cooling and heating (4-pipe)





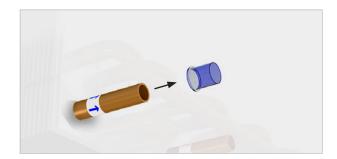


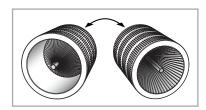


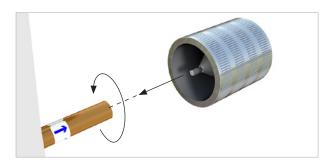
# Plafond XD Bodies

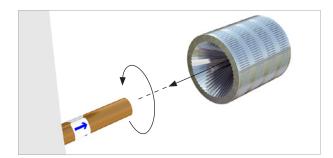
## Before installation



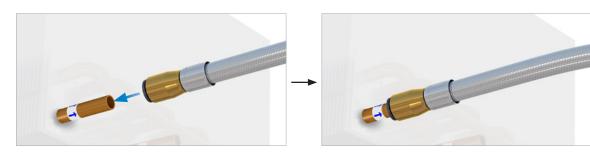


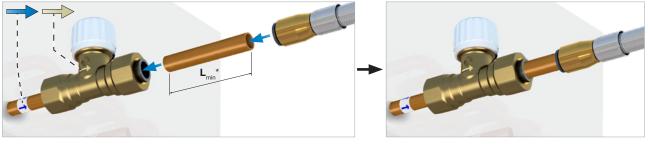






## Flexible hoses and Push-on valves





 $^*$   $L_{\min}$  = 70 mm (to ensure you can open the couplings again). Lindab flexible hoses are available with straight end (male) for direct connection to Lindab valves also.



## Preparation for installation of the product

### Check you got everything you need for your project!

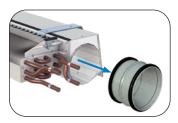
Go to Plafond-XD installation chapter 5.4 for full preparation guide.

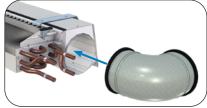
Supply air connection = NPU-125 (standard).

Replace NPU-125 with BKU-125-90 for vertical or side air supply connection.



Length of		Min. [mm]	Max. [mm]
Body	L <sub>nom</sub>	800	3.200
Cover	L <sub>Cov</sub>	1.200	3.600
Connection Cover	L <sub>Cov</sub>	200	3.600







Lindab recommends our flexible hoses and fitting range for water in- and outlet pipe connections.



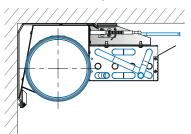




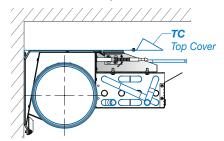
## Plafond XD Bodies

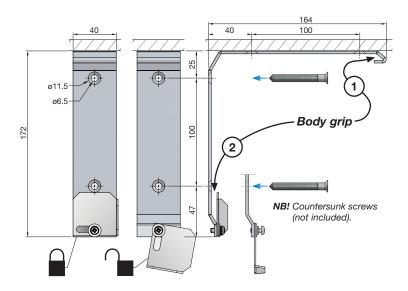
## Installation

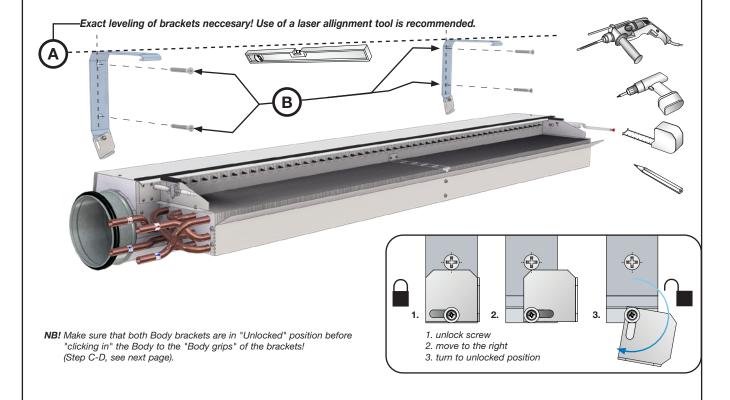
FC Installation on the wall, sealed to the ceiling.

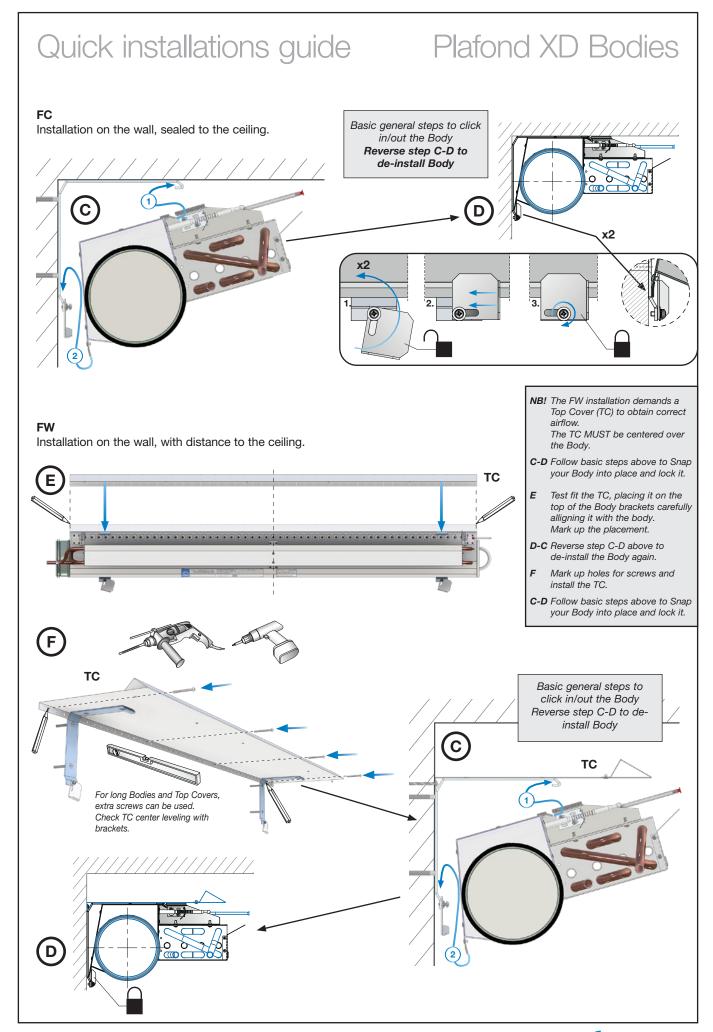


FW Installation on the wall, with distance to the ceiling.

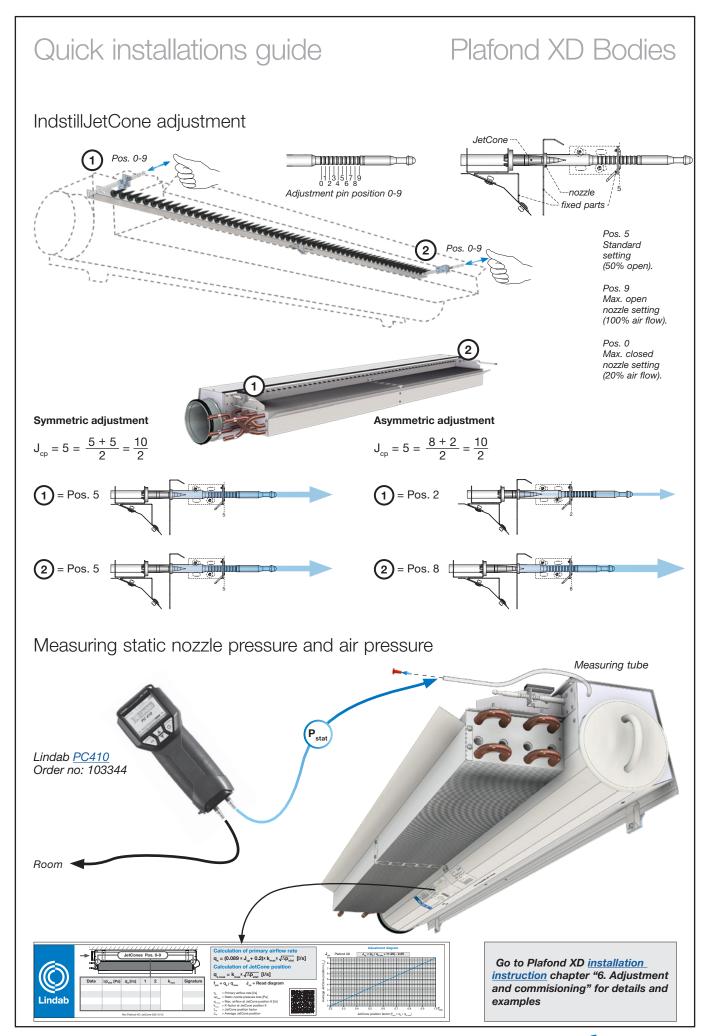








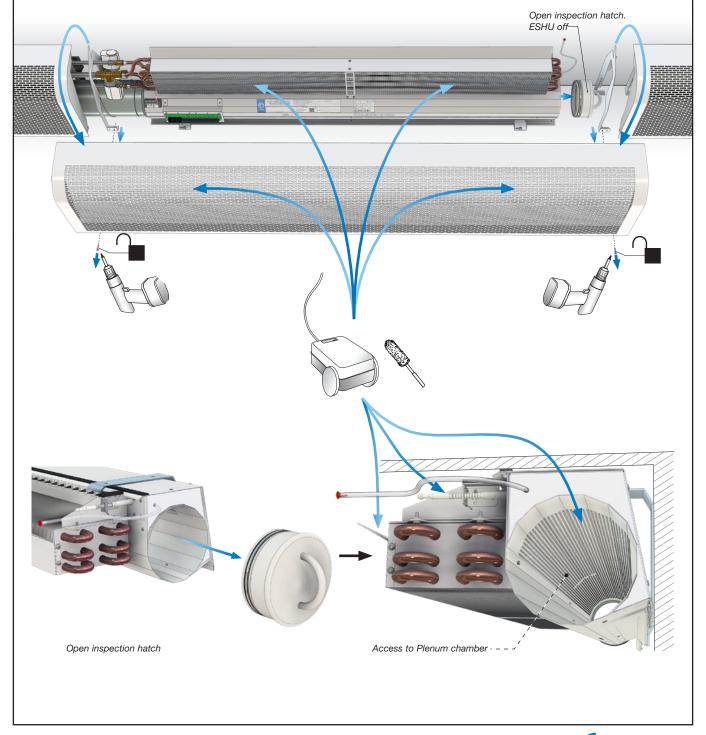




## Maintenance

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

