

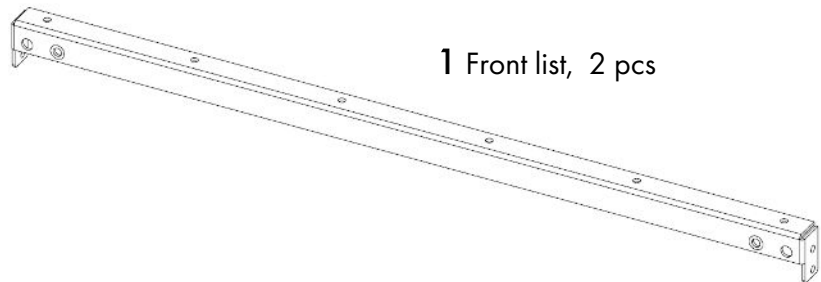
# Airfi dB-Kit

## Parts and installation

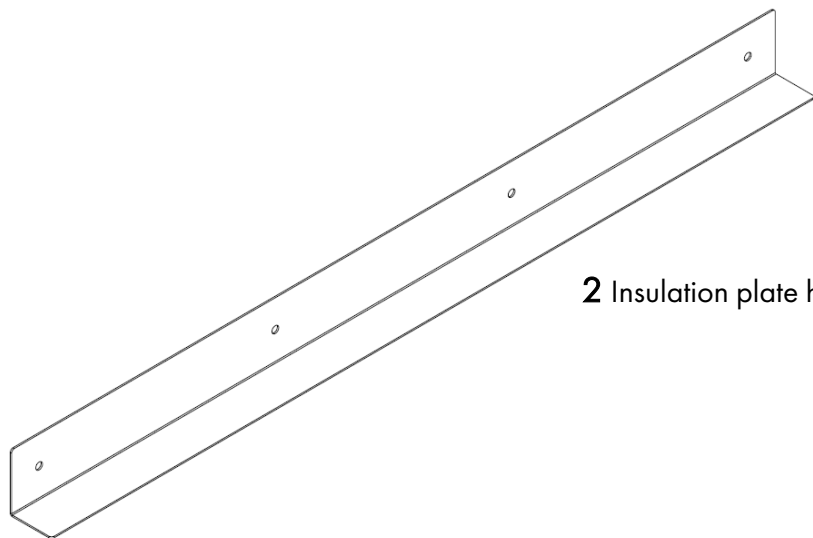


40000089- dB-Kit for Model 60-100-130

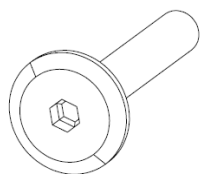




1 Front list, 2 pcs

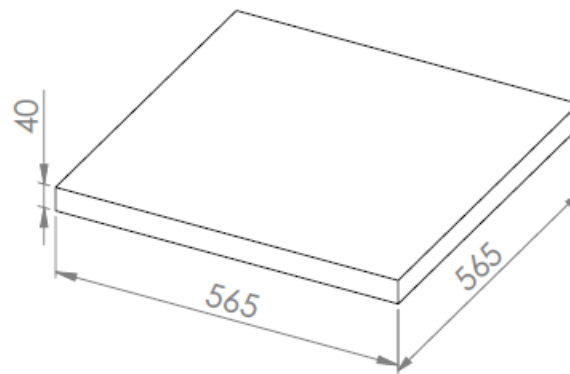


2 Insulation plate holder, 2 pcs

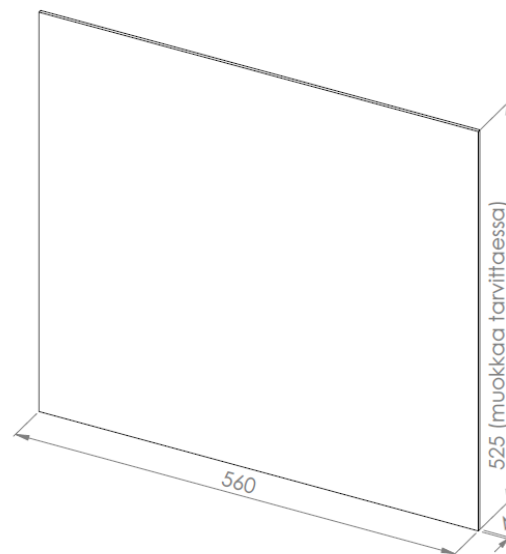


3 Connection bolt, 4 pcs M6x40

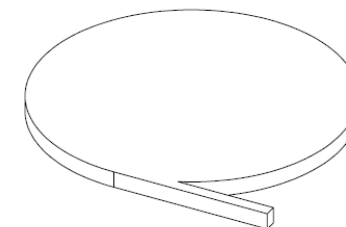
4 Insulation base, 1 pc



5 Insulation cabinet door mass plate, 1 pc

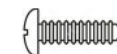


6 Sealing tape for the cabinet door and for resonance insulation

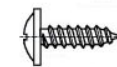


7 Screws:

- 4.2 x 9.5 plate screw, 20 pcs



- Wronic white, 6 pcs

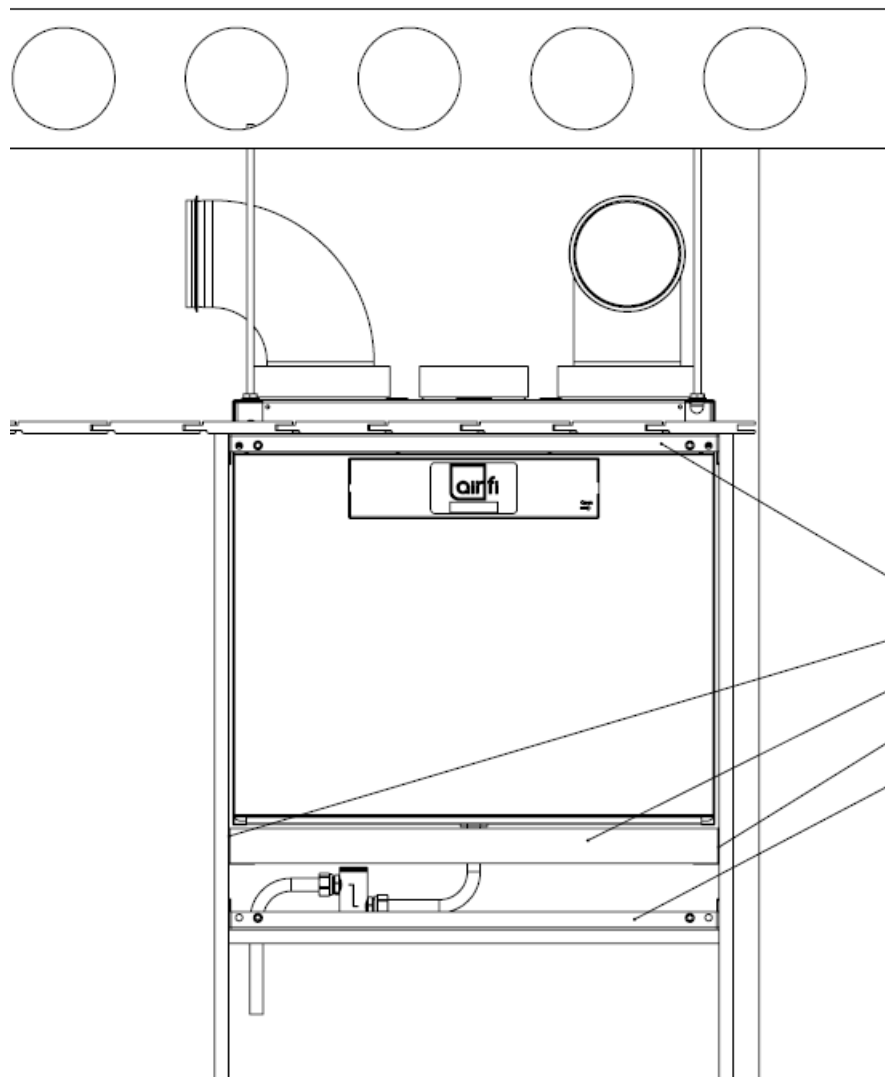


NOTE! The delivery does not include the cabinet or the cabinet door

NOTE! The delivery does not include sealing compounds (use a flexible sealing compound with high elasticity for sealing)



## dB-Kit – parts, parts location



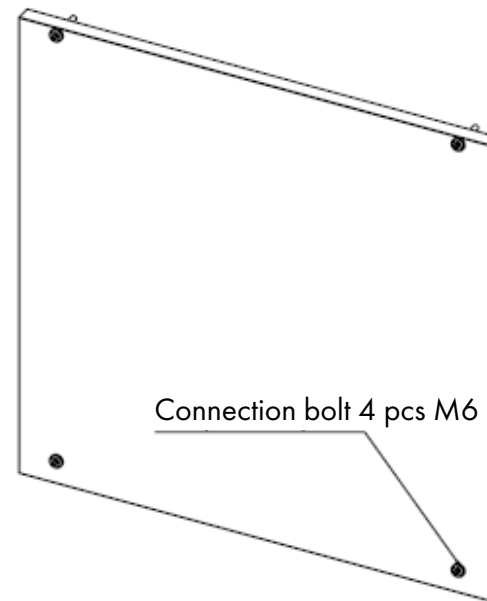
### NOTE!

The delivery does not include the cabinet or the cabinet door

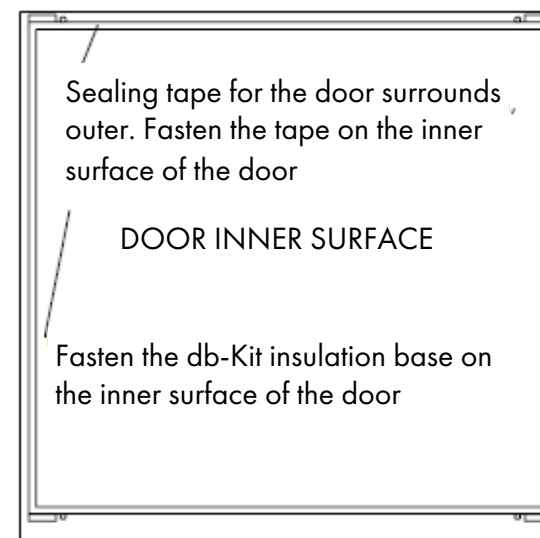
### NOTE!

The delivery does not include sealing compounds  
(use a flexible sealing compound with high elasticity for sealing)

- Airfi dB-Kit front list
- Airfi dB-Kit insulation plate holder
- Airfi dB-Kit insulation base
- Airfi dB-Kit insulation plate holder
- Airfi dB-Kit front list



Connection bolt 4 pcs M6



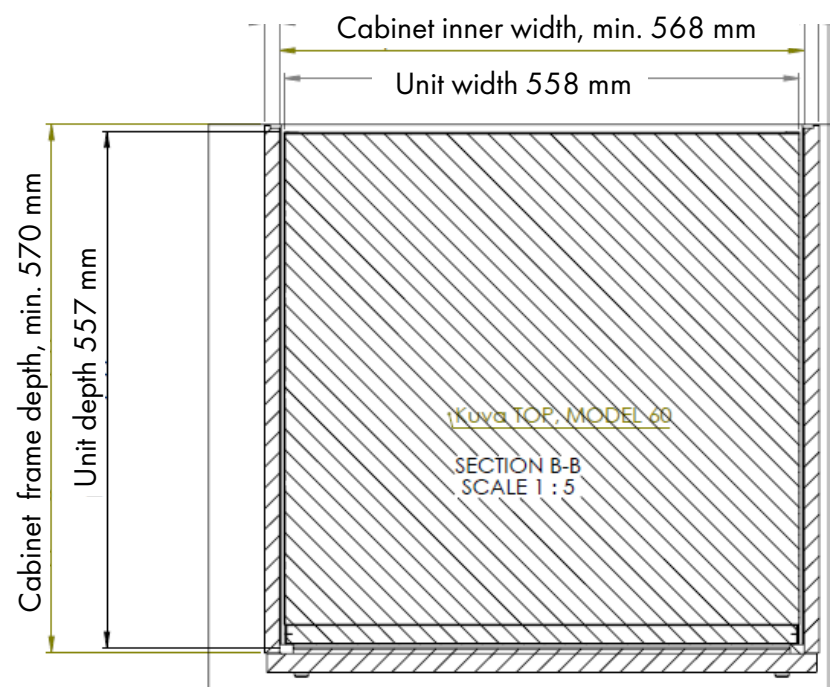
Sealing tape for the door surrounds  
outer. Fasten the tape on the inner  
surface of the door

DOOR INNER SURFACE

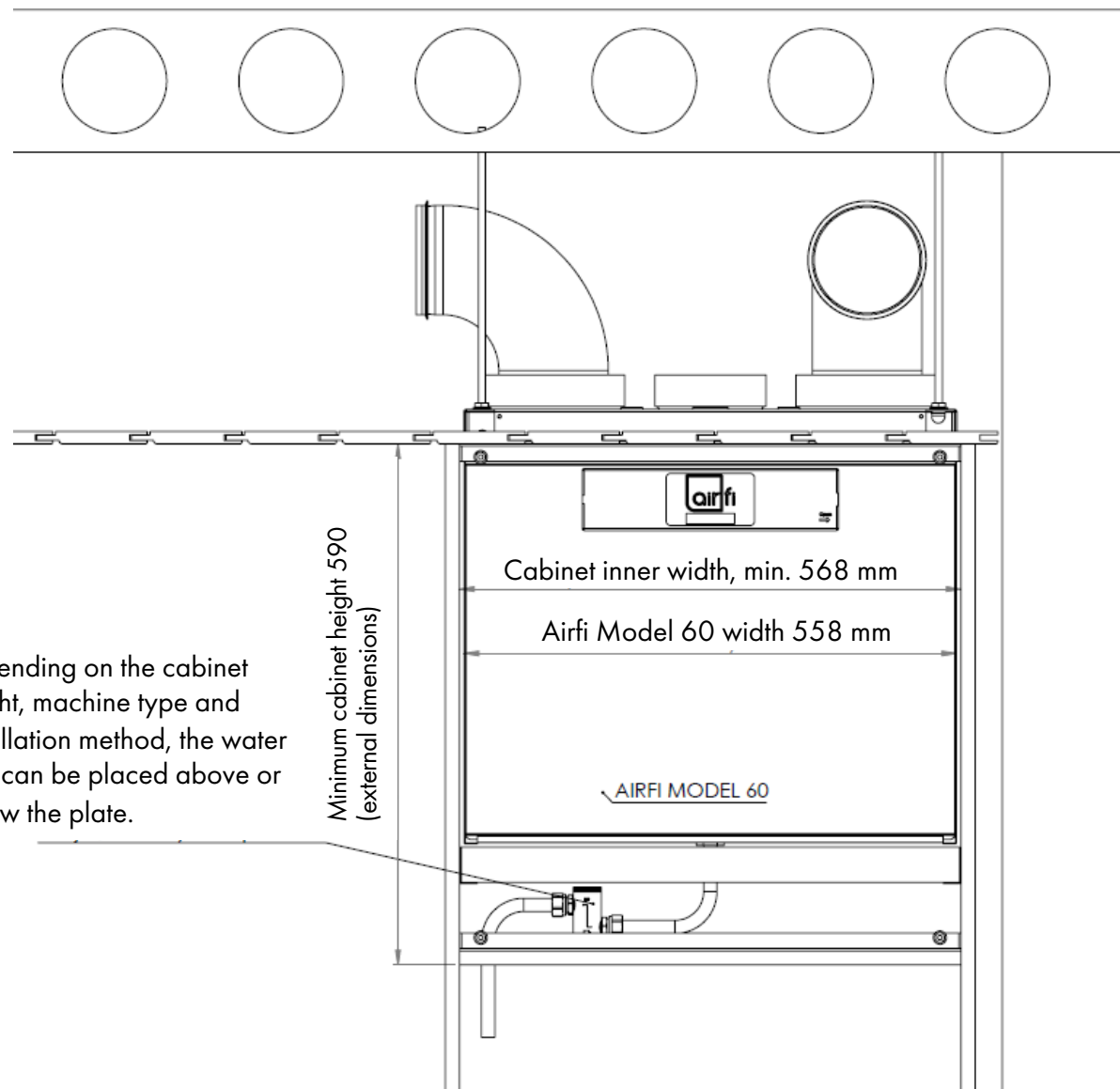
Fasten the dB-Kit insulation base on  
the inner surface of the door



## dB-Kit – minimum cabinet dimensions

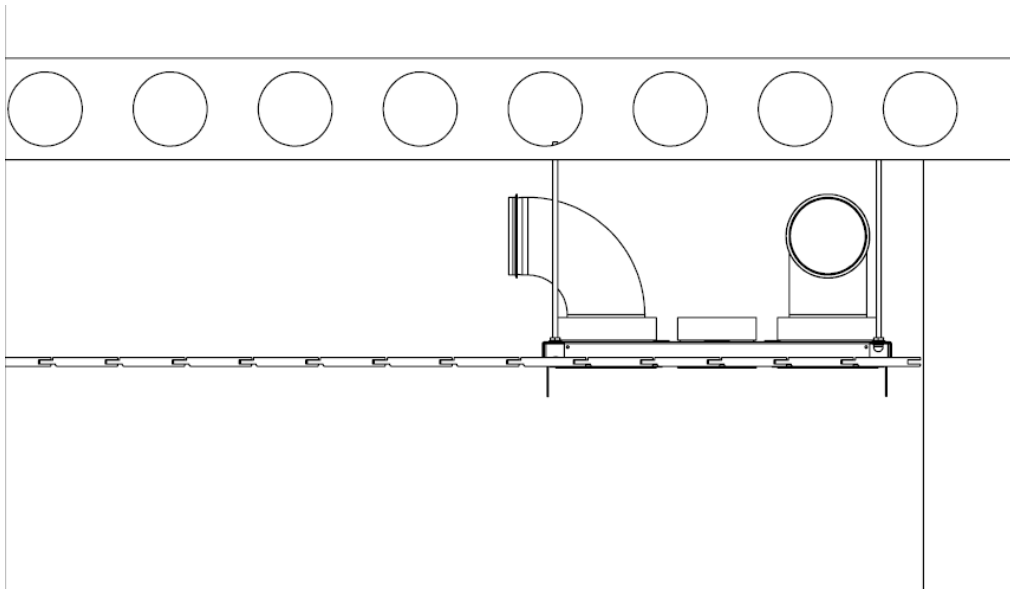


Depending on the cabinet height, machine type and installation method, the water trap can be placed above or below the plate.



## Step 1

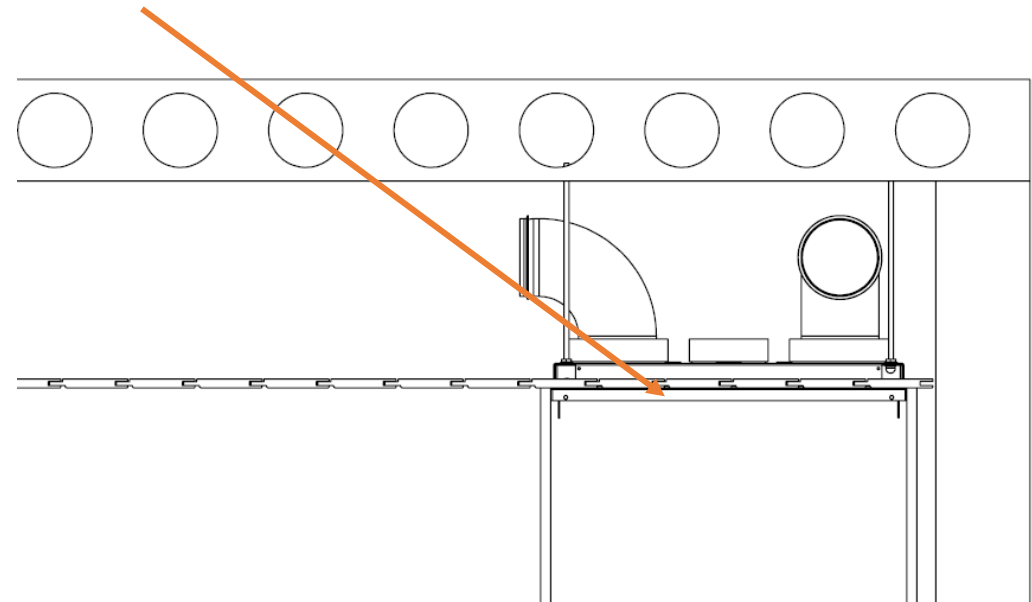
- Install the ceiling mounting frame and ductwork
- Install the lowered roof
- Make sure the ceiling mounting frame is horizontal.
- Make sure the position of the roof frame is correct.



## Step 2

- Install the cabinet frame laterally aligned with the ceiling mounting frame.
  - Carefully seal the upper part of the cabinet frame and the side panels to the structure.
- TIP: The cabinet frame can also be installed after the machine has been installed, in that case, make sure to seal it.

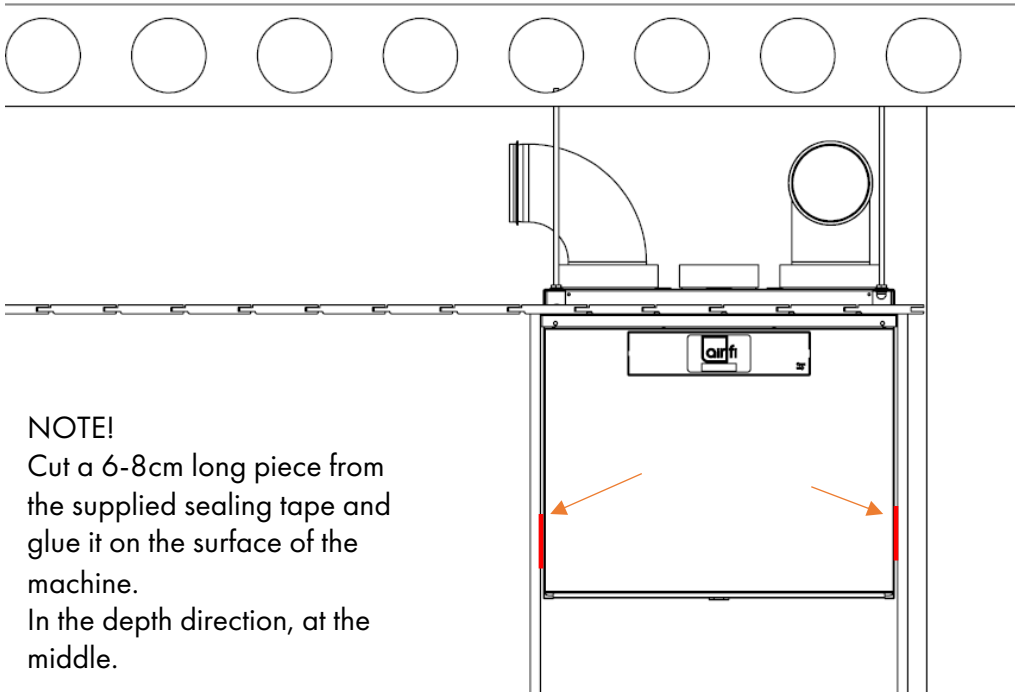
- When installing the cabinet frame, a cover is installed on the front/upper part of the frame. The cover binds the front of the cabinet together and seals the gap between the molding and the ceiling.
- The front surface of the cover strip is installed on the same level as the cabinet frame.
- **Seal with flexible compound (not included in the delivery).**



## Step 3

- Install the AHU (Air Handling Unit)
- Make sure that the AHU does not touch the side plate or the back wall.
- Check that the AHU is not placed too far forward and the sound dampening parts on the front fit into place
- Use the tape (arrows) included in the sound dampening package.

**NOTE!** If the AHU is touching a side wall, **RESONANCE DANGER** occurs, then fine-tune the position of the ceiling frame or cabinet.

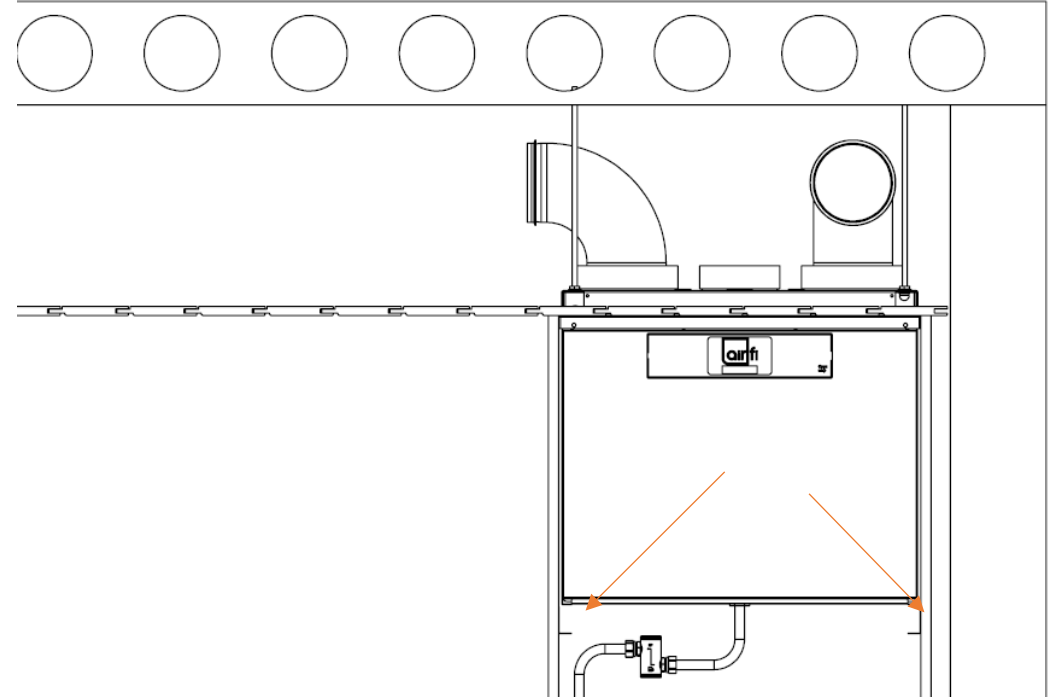


### NOTE!

Cut a 6-8cm long piece from the supplied sealing tape and glue it on the surface of the machine.  
In the depth direction, at the middle.

## Step 4

- Install the strips (2 pcs) included in the sound dampening package on the cabinet frame.
- Install the Airfi condensate trap.

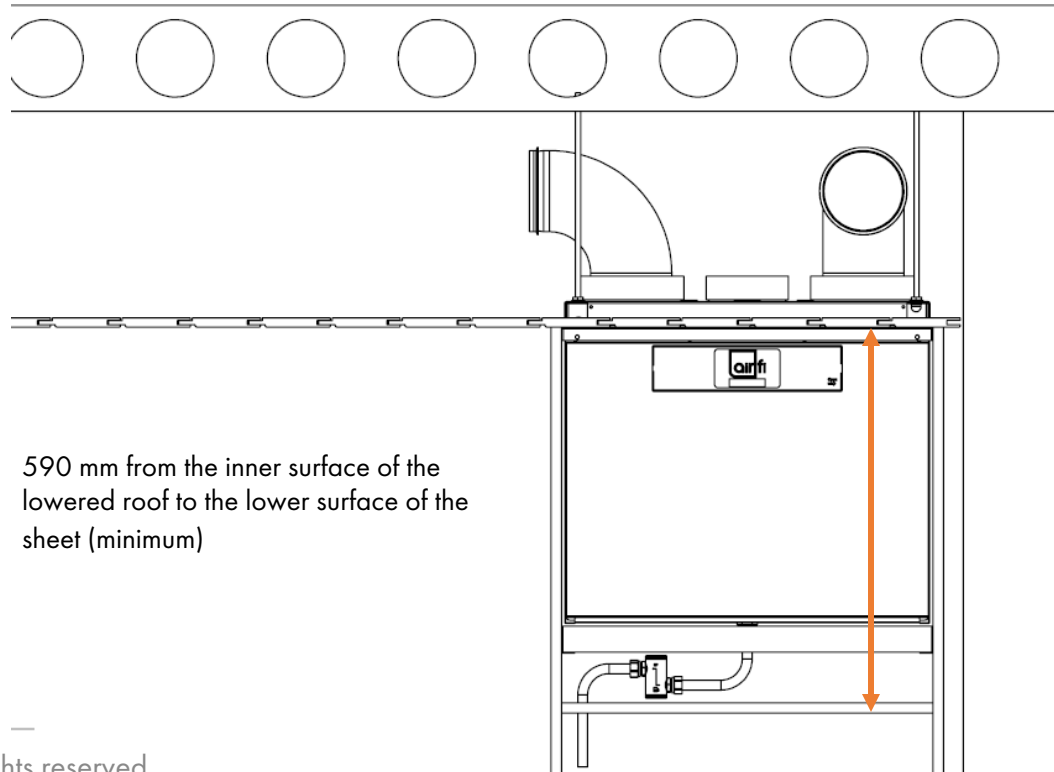


## Step 5

- Install the 40mm thick insulation board (1 pc) included in the sound dampening package on the strips installed in the previous step.
- Install a spacer in the cabinet. If there is no tall cabinet, install a bottom plate. Lock the plate in place.

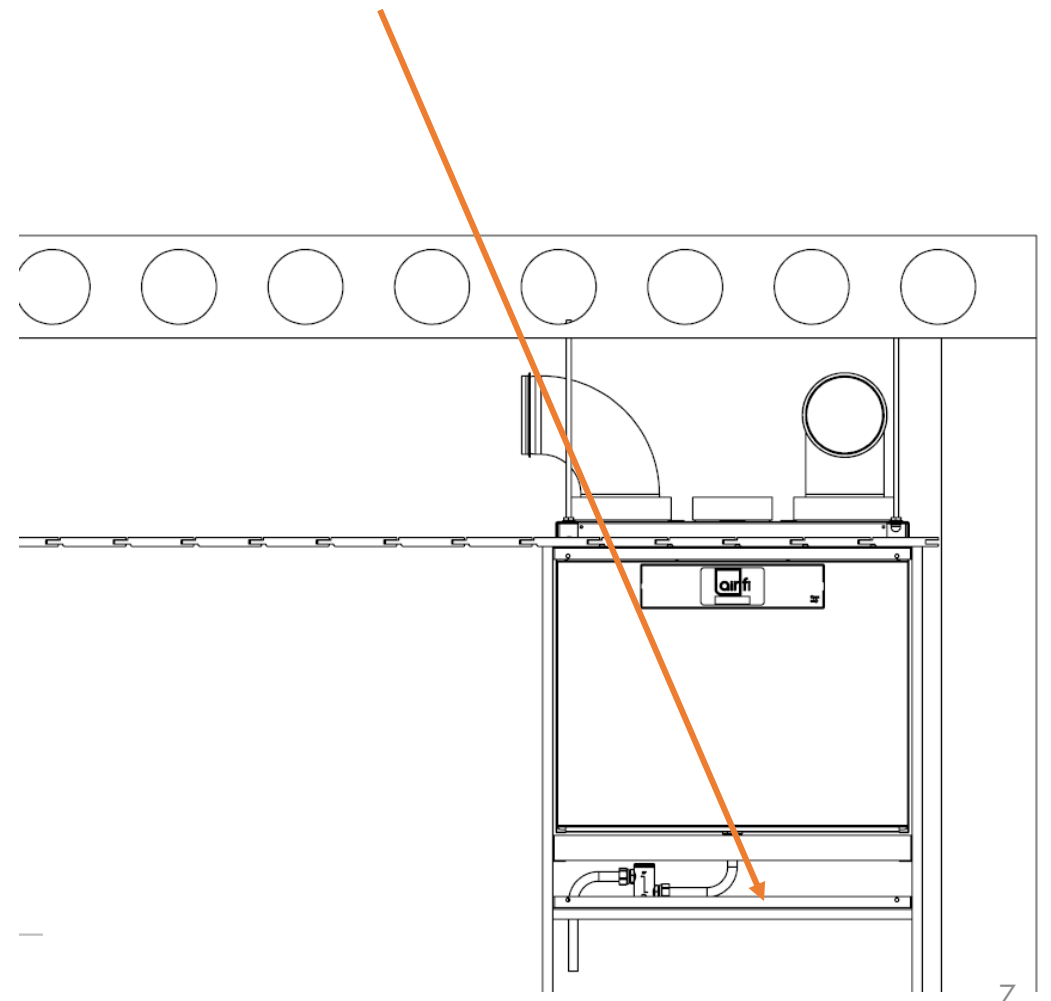
NOTE! Depending on the height of the cabinet, the condensate trap can be installed inside the cabinet or below the cabinet plate.

Models 100 and 130 are 40 mm higher than Model 60.



## Step 6

- Install the frame cover on the cabinet frame, front/bottom (same as on top)
- Seal with flexible compound.





## dB-Kit - installation order 4/4

### Step 7

- Model the location of the door, measure and drill 4 holes in the door for fixing the door, aligning with the fixing points on the cover strip.

### Step 8

- Remove the plastic Airfi cover (at the door fixing screws). This part is not used when dB package is installed.

### Step 9

- Clean the inside of the cabinet door.
- Glue the 4mm thick insulation board (1 pc) included in the sound dampening package to the inner surface of the cabinet door.
- Glue the insulation to the side symmetrically, in the height direction, so that it does not touch the cover strip above or below. If necessary, the insulation board of the door can be cut with e.g. a carpet knife.

### Step 10

- Glue the sealing strip included in the sound dampening package to the inner surface of the cabinet door, following the edge of the 4 mm insulation board installed in step 9.
- Make sure the insulating strip fits airtight against the cabinet frame, and there is no air leakage through the door panel.

### Step 11

- Fasten the door with the supplied connector bolts. (4 pcs)

**NOTE!** If the door is attached in other way than the one shown in the instructions, make sure that the door's insulation board is in place and the door is closed airtight at the edges.

