



CLIMECON

KONTIO



Roof hoods Installation manual

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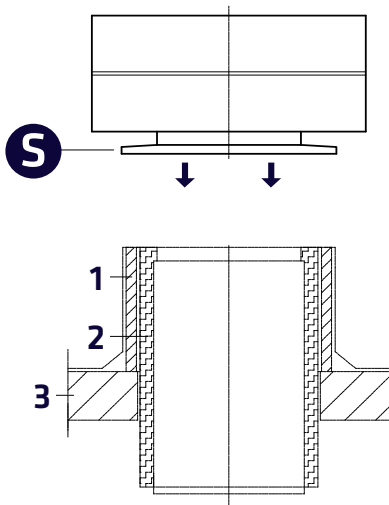
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1. INSTALLATION INSTRUCTIONS FOR CONNECTIONS

1.1 Installation principles for connections

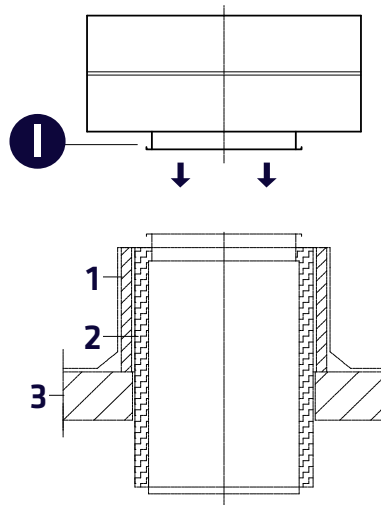
RAIN COVER

S Rain cover
(Standard sizes, also available with dimensions specified by the client)



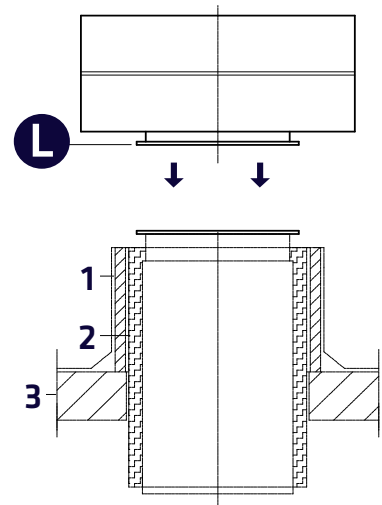
COUPLING CONNECTOR (rectangular duct)

I (does not include sealant strip, corner pieces or slide profile)
Only sizes 800x400 and 800x300



FLANGE CONNECTOR

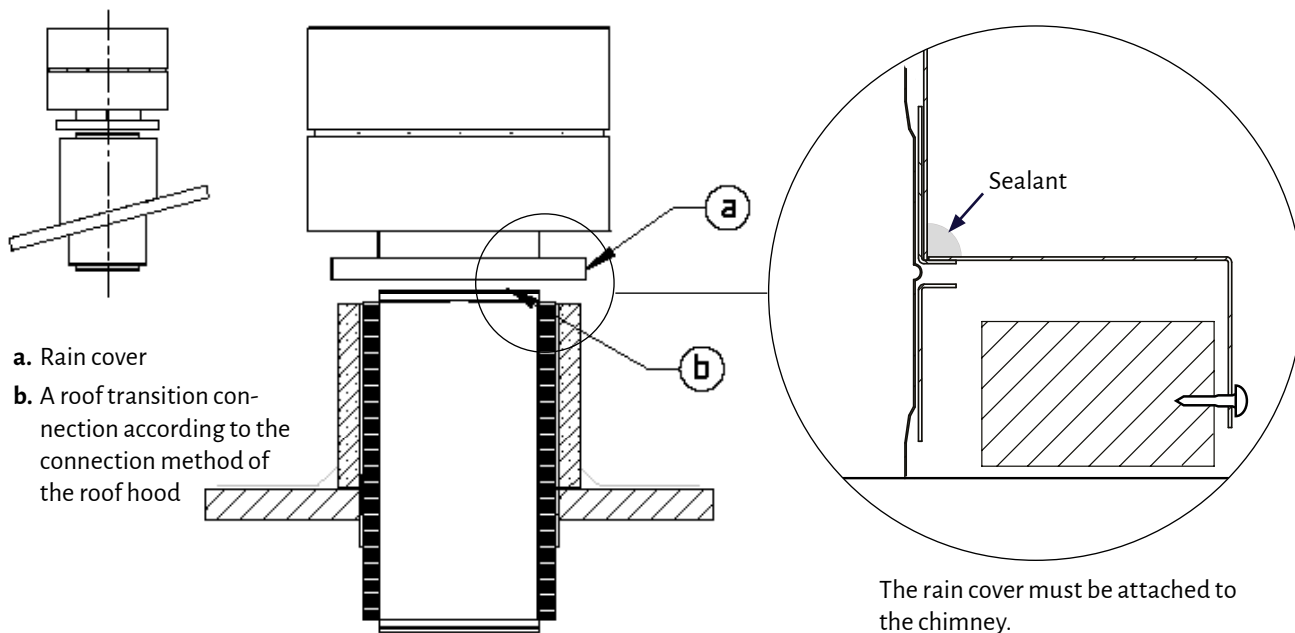
L Flange connection with a counter flange



- 1. Pipe made of the building material RU/IU
- 2. Feedthrough (IU)
- 3. Roof

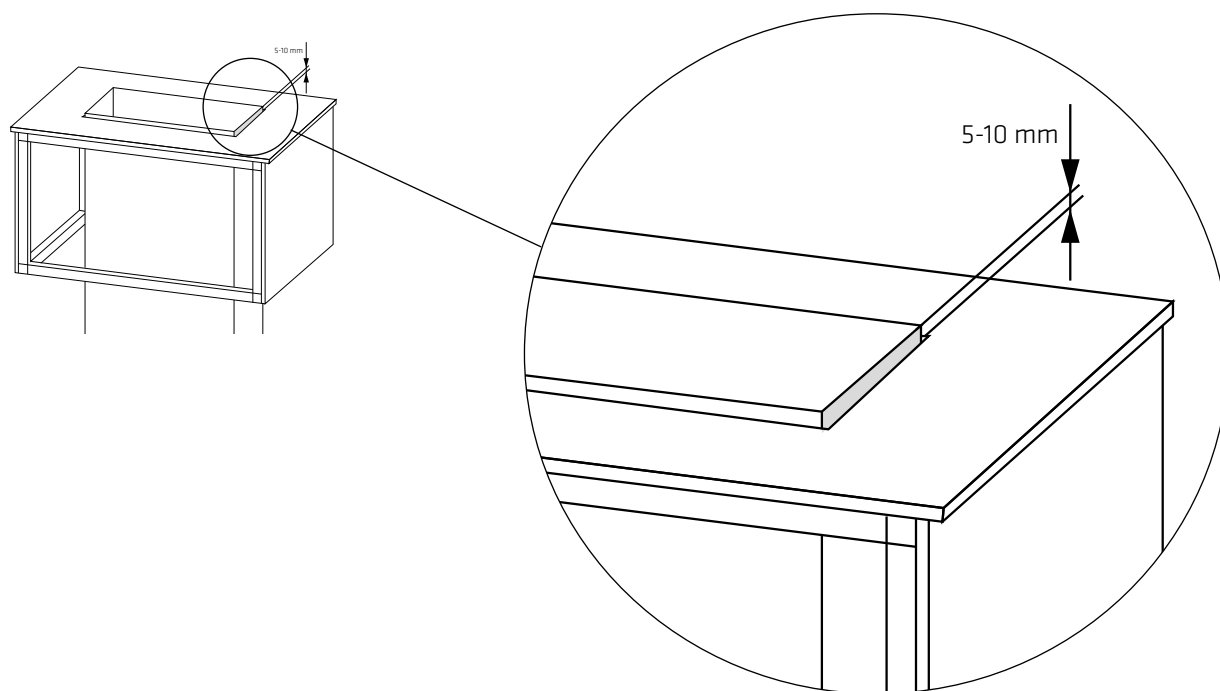
1.2 Rain cover

The duct connections of roof hoods must be sealed with a sealant suitable for outdoor conditions.



1.2.1 Ducting example

The duct end should be raised approx. 5-10 mm.



1.3 Flange connector

The duct connections of roof hoods must be sealed with a sealant suitable for outdoor conditions.

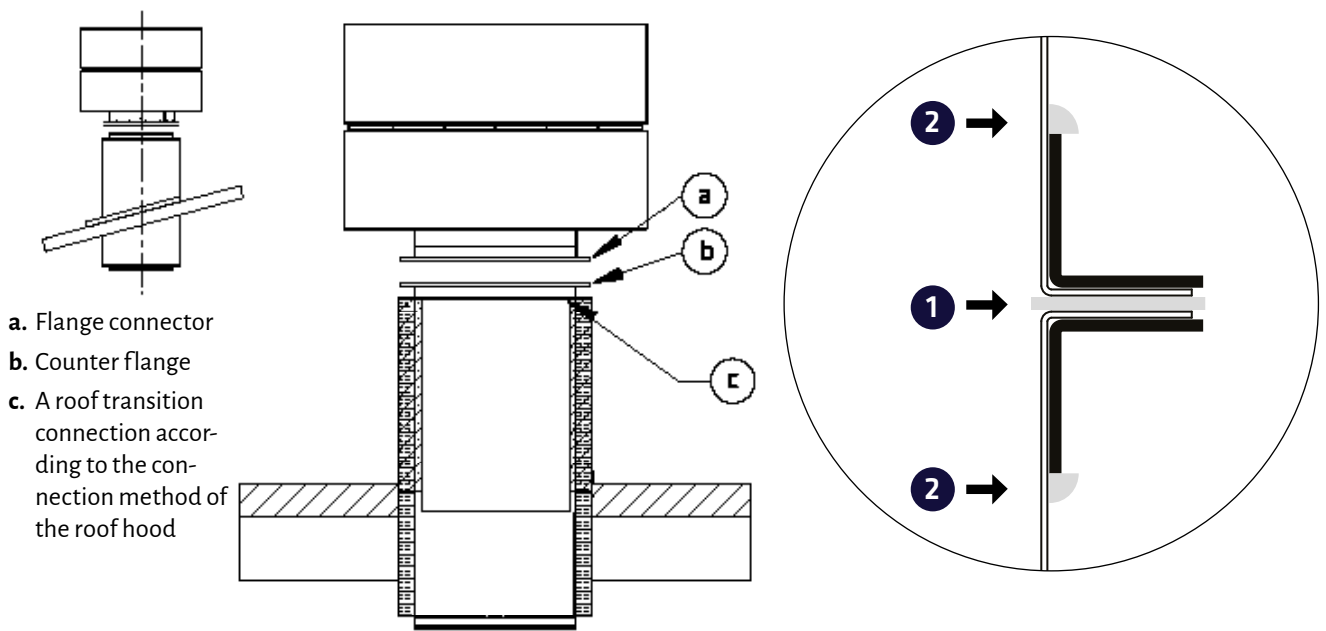
1 Sealing between flanges:

Particular attention must be paid to sealing to prevent water from flowing into the duct through the connection.

2 Sealing over the edge of the counter flange:

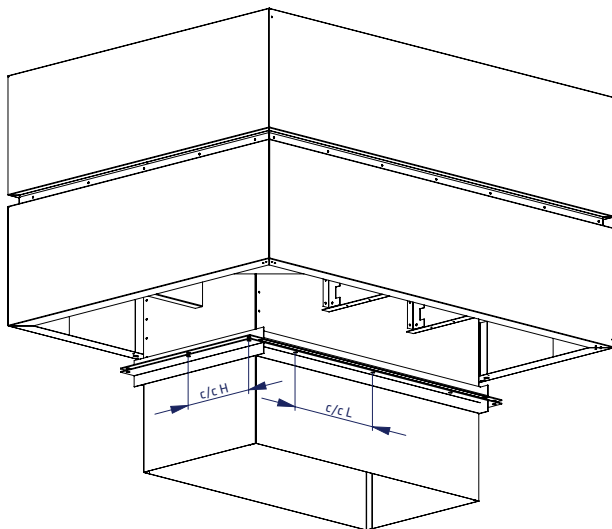
Sealing should also be done in the edge of the counter flange, to prevent water from flowing through the counter flange into the duct.

The figure shows the parts of the lower edge of the roof hood that need to be sealed.



- a. Flange connector
- b. Counter flange
- c. A roof transition connection according to the connection method of the roof hood

1.3.1 Dimensions of the flanges



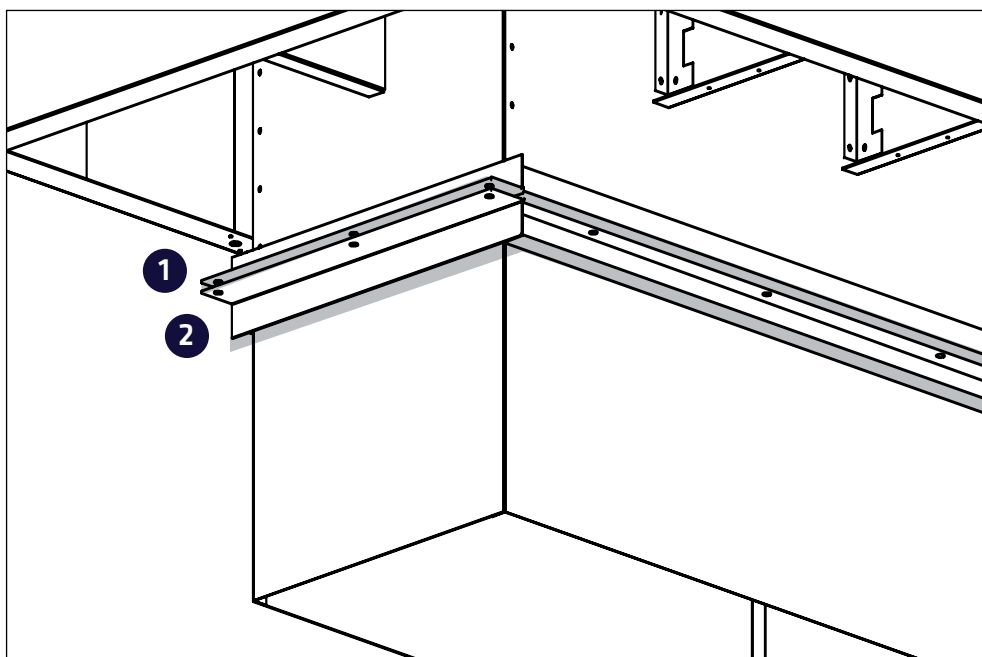
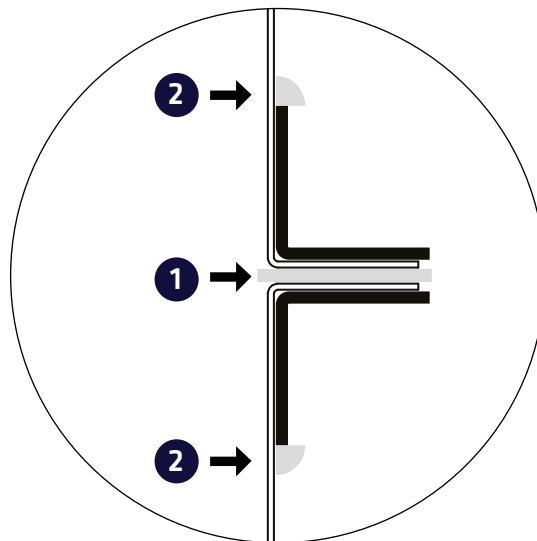
Size	Flange (mm)	Connection	H/L (pcs)	c/c msize H/L (mm)
800x300	30x30x3	M8	3/2	168/279
800x400	30x30x3	M8	3/2	218/279
800x500	30x30x3	M8	3/2	268/279
1000x500	30x30x3	M8	3/3	268/259
1200x600	30x30x3	M8	4/4	212/247
1400x800	30x30x3	M8	5/5	209/239
1600x800	30x30x3	M8	5/5	209/273
1600x1000	30x30x3	M8	5/5	259/273
1800x1000	30x30x3	M8	5/6	259/262

1.3.2 Sealing the flange connection

1. Sealing between flanges:

Particular attention must be paid to sealing to prevent water from flowing into the duct through the connection.

2. Sealing should also be done in the edge of the counter flange, to prevent water from flowing through the counter flange into the duct.



The figure shows the points at the bottom of the roof hood that need to be sealed waterproof. The top of the upper flange is pre-sealed at the factory.

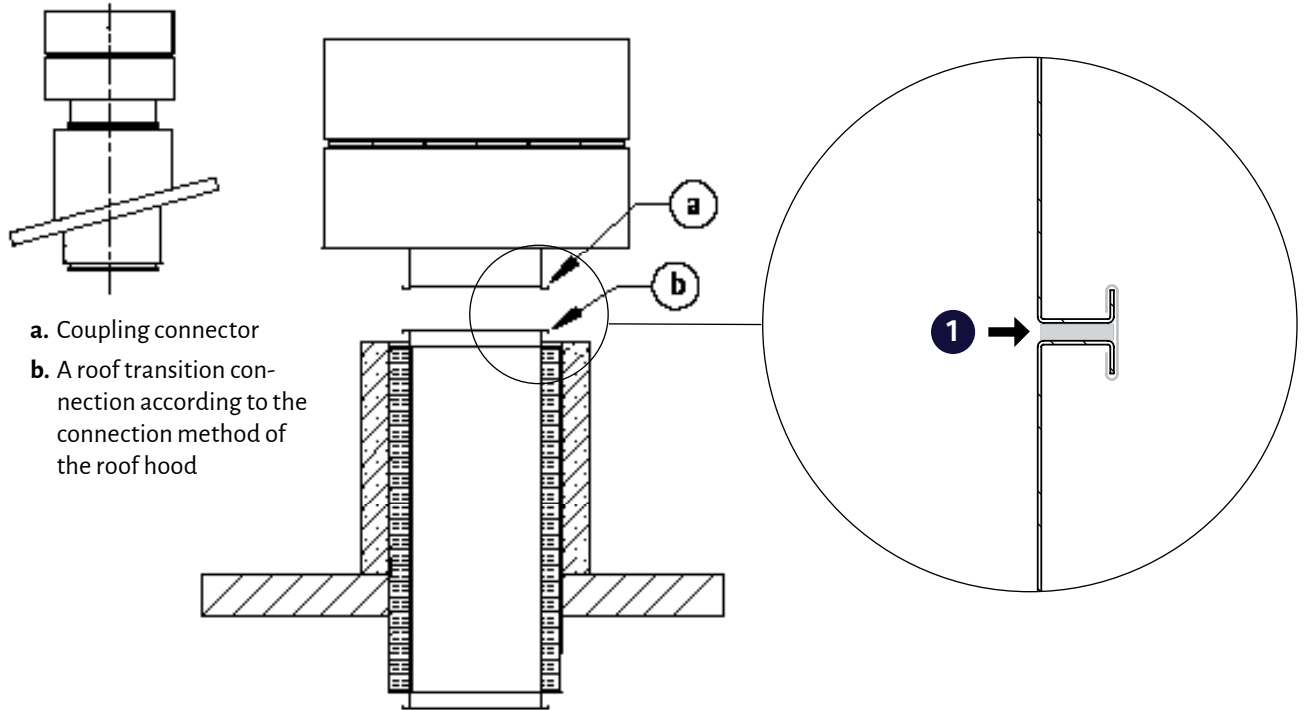
- 1 Sealing between flanges
- 2 Sealing should also be done on the edge of the counter flange

1.4 Coupling connector

The duct connections of roof hoods must be sealed with a sealant suitable for outdoor conditions.

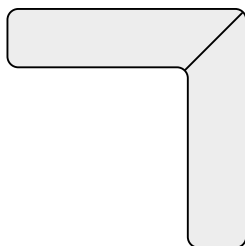
- 1 Sealing between the strips:** Particular attention must be paid to sealing to prevent water from flowing into the duct through the connection.

The figure shows the parts of the lower edge of the roof hood that need to be sealed.



- a. Coupling connector
- b. A roof transition connection according to the connection method of the roof hood

Nte! Coupling connector is only available for sizes 800x400 ja 800x300.



Note!

In a coupling connector, corner pieces must be added to the corners when attaching the strips. The corners should also be sealed so that the sealing band stays in place to prevent holes forming in the corners.

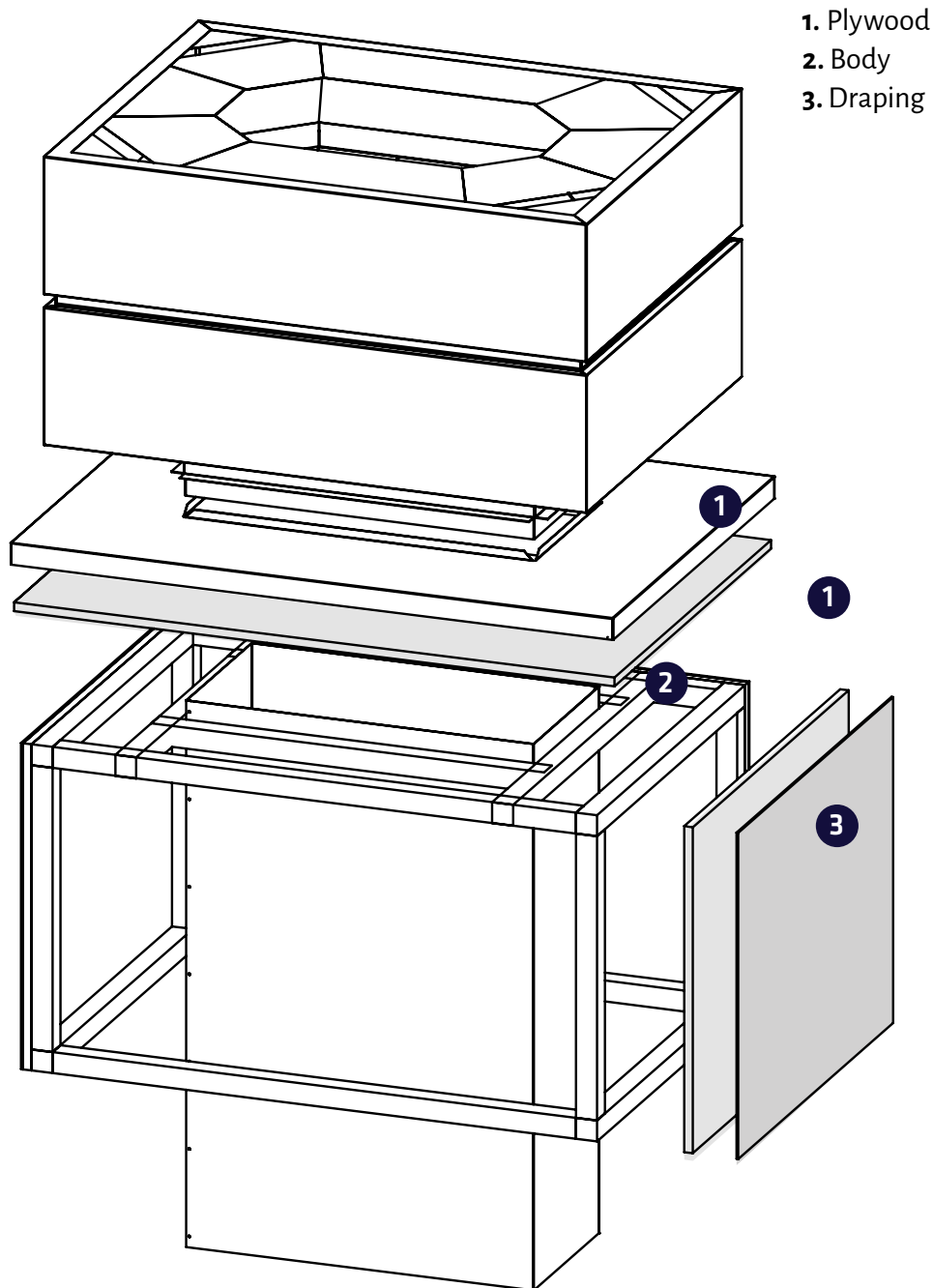
2. AN EXAMPLE OF THE CHIMNEY STRUCTURE OF A ROOF HOOD

Installation of the roof hood transition

The roof hood transition is attached to the load-bearing structure with L-strips.

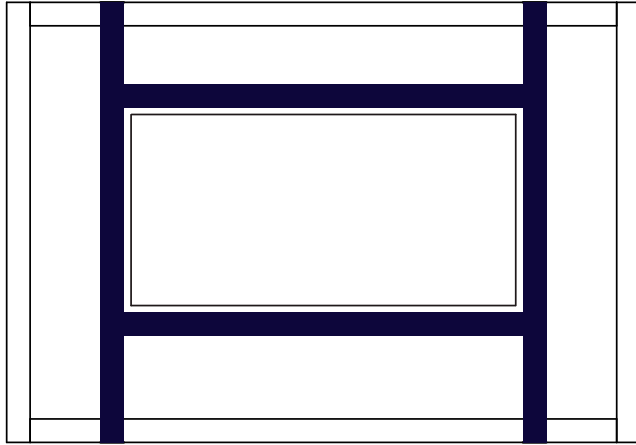
The insulation is made according to HVAC plan.

The chimney structure is made according to the instructions of the structural designer.



3. EXAMPLES OF A SUPPORT STRUCTURE

Option 1



Support frame

Option 2

