

Installation guide for single faced units

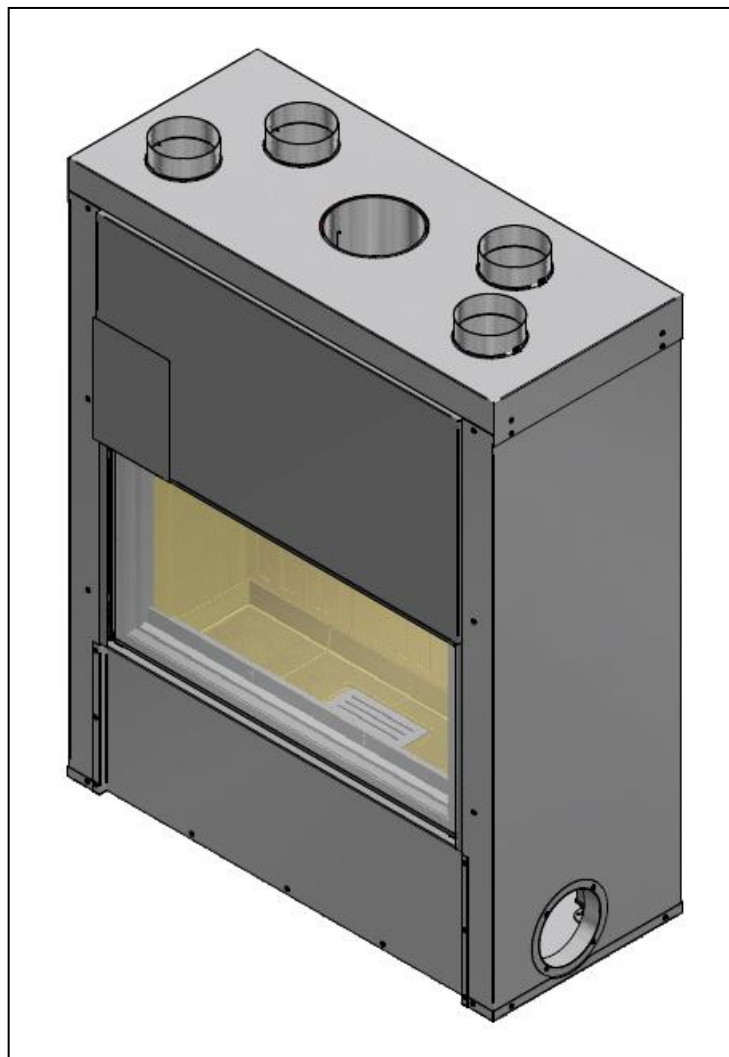
- **Varia M80h-P4**
- **Varia M100h-P4**

1. Dismantling

WARNING

BEFORE MOVING AND PLACING THE FIREPLACE DISMANTLE THE UNIT. IMPROPER DISMANTLING CAN CAUSE PROPERTY DAMAGE! DO NOT MOVE THE UNIT WITH ASSEMBLED MANTLE.

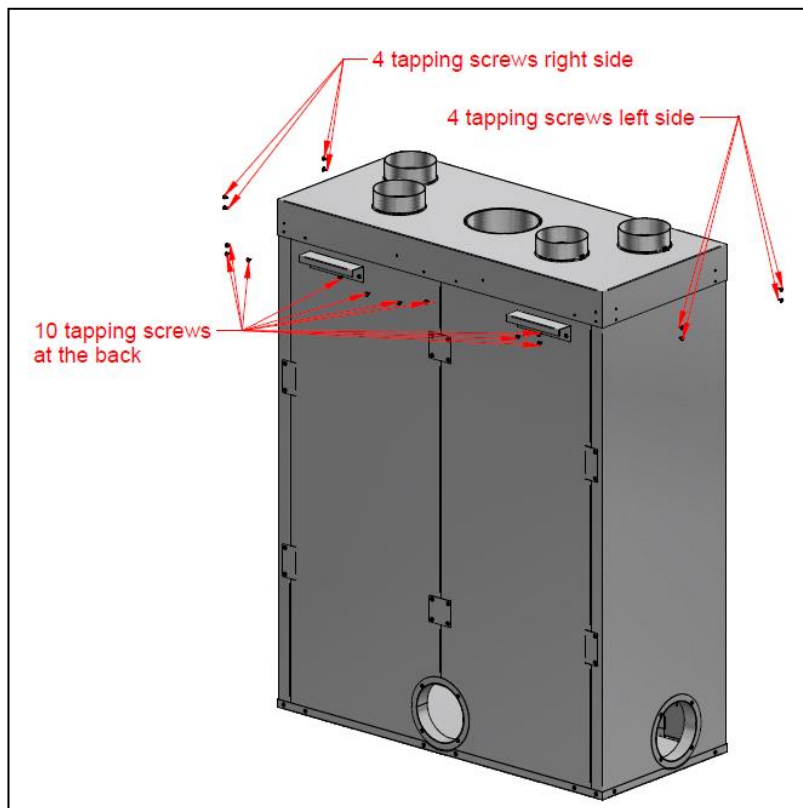
THE UNIT IS DELIVERED WITH INSTALLED ZERO CLEARANCE MANTEL.



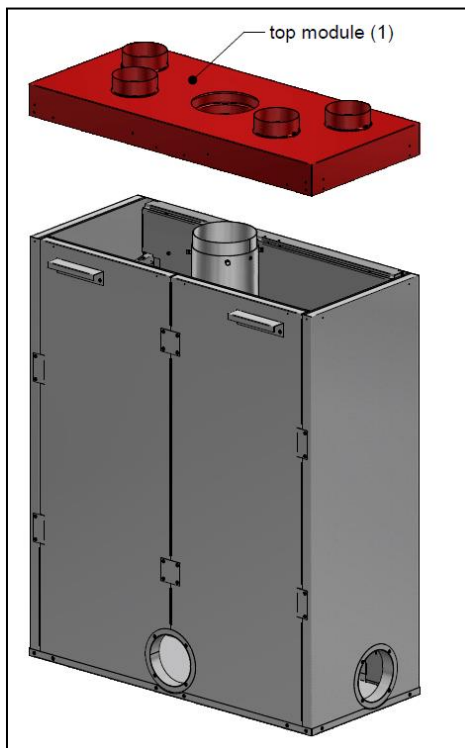
Varia M100h-P4

Step 1 – Dismantle the top module (1)

Loosen the 4 tapping screws at the left side, the 4 at the right side and the 10 at the back side (pic. 1). Remove the top module. It is marked by a sticker number “1” (see pic. 2).



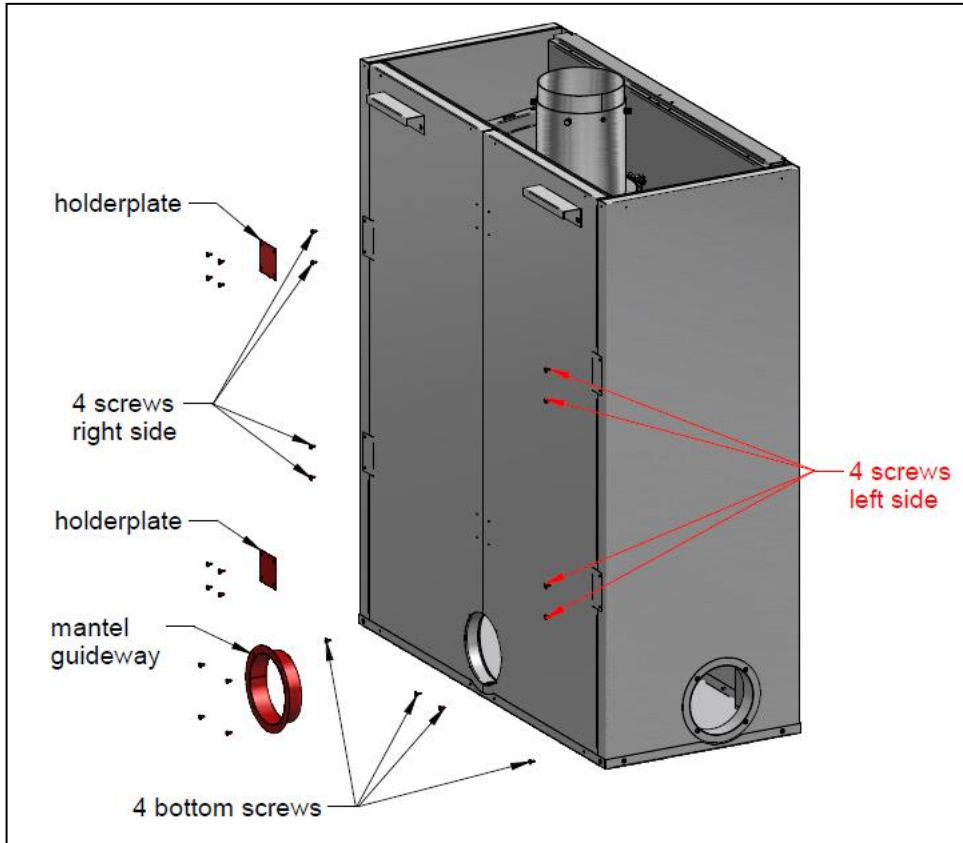
Picture 1



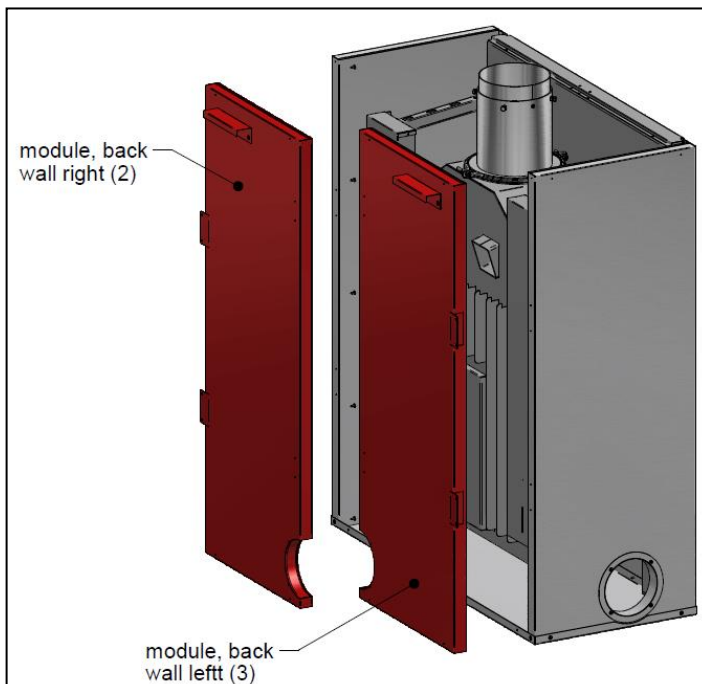
Picture 2

Step 2 – Dismantle the back modules (2+3)

Loosen the 2 connecting plates fixed by 8 tapping screws. Loosen the mantel guideway fixed by 4 tapping screws. Loosen the 4 tapping screws at the left side, the 4 at the right side and the 4 at the bottom (pic. 3). Remove the 2 back modules. They are marked by stickers number "2" and "3" (see pic. 4).



Picture 3

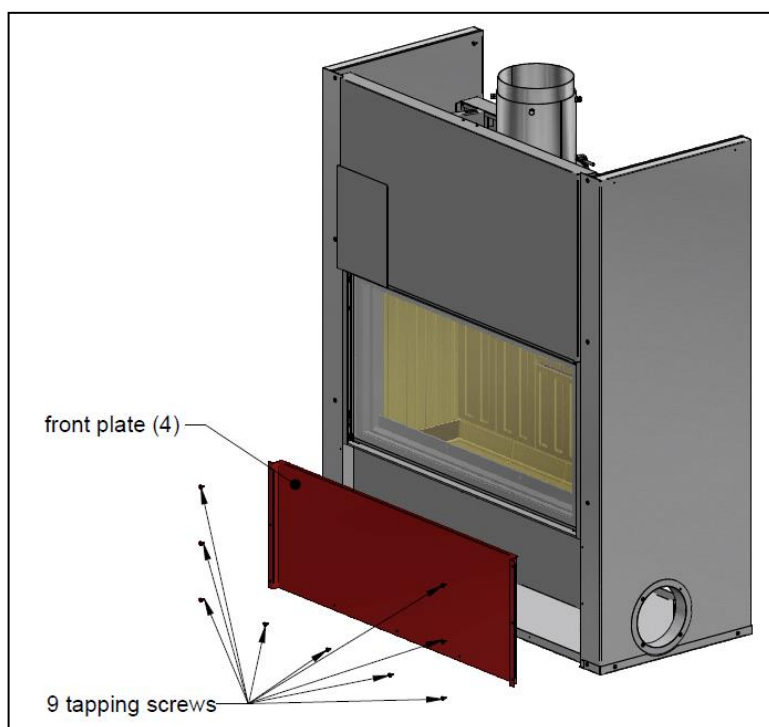


Picture 4

Step 3 – Dismantle the front plate (4)

Loosen the 9 tapping screws.

Remove the front plate. It is marked by a sticker number “4” (see pic. 5).

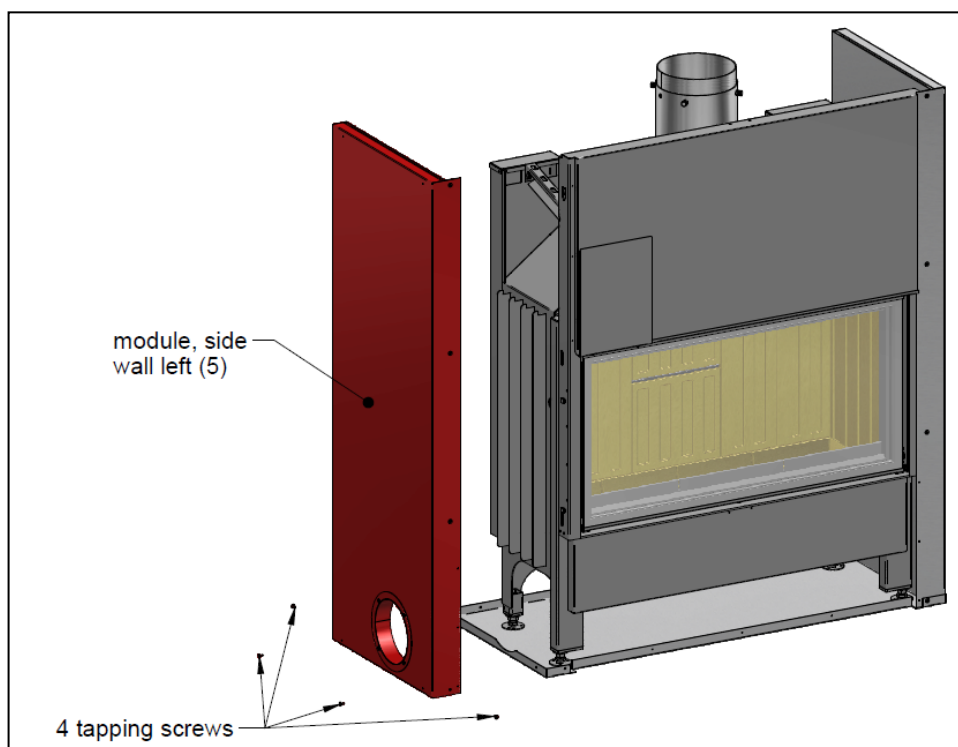


Picture 5

Step 4 – Dismantle the side modules (5+6)

Loosen the 4 tapping screws at the left side.

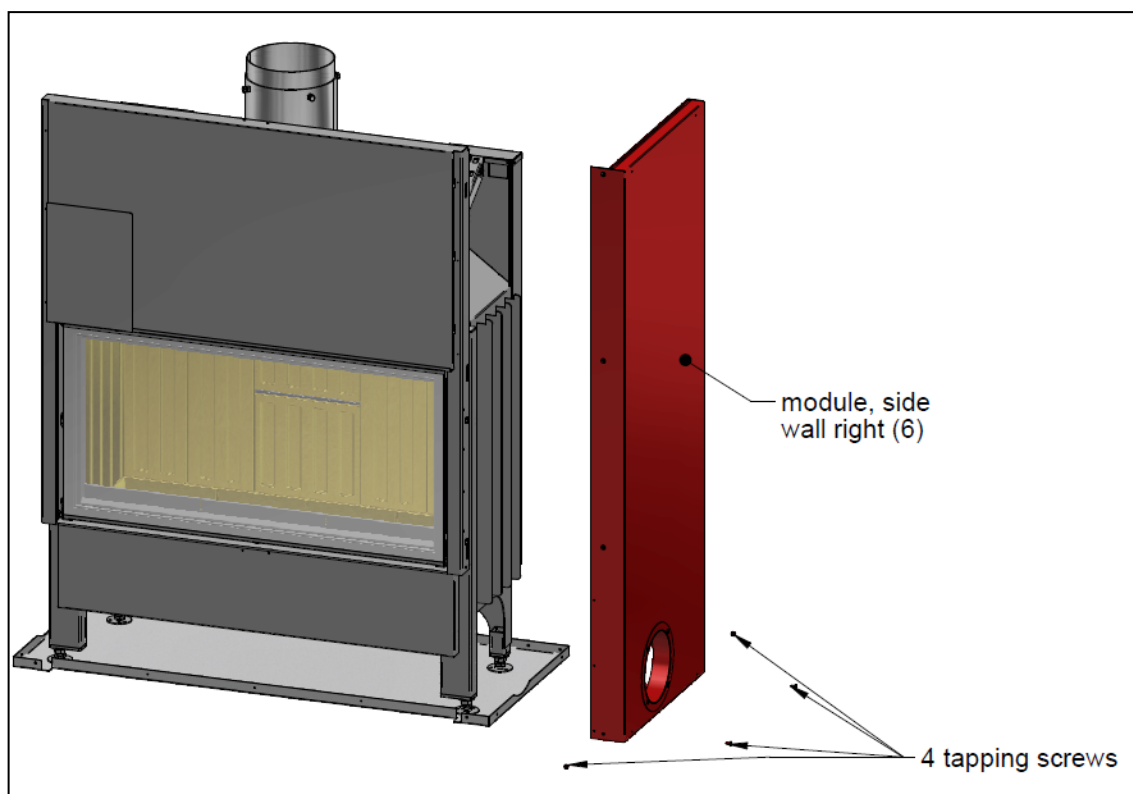
Remove the left side module. It is marked by a sticker number “5” (see pic. 6).



Picture 6

Loosen the 4 tapping screws at the right side.

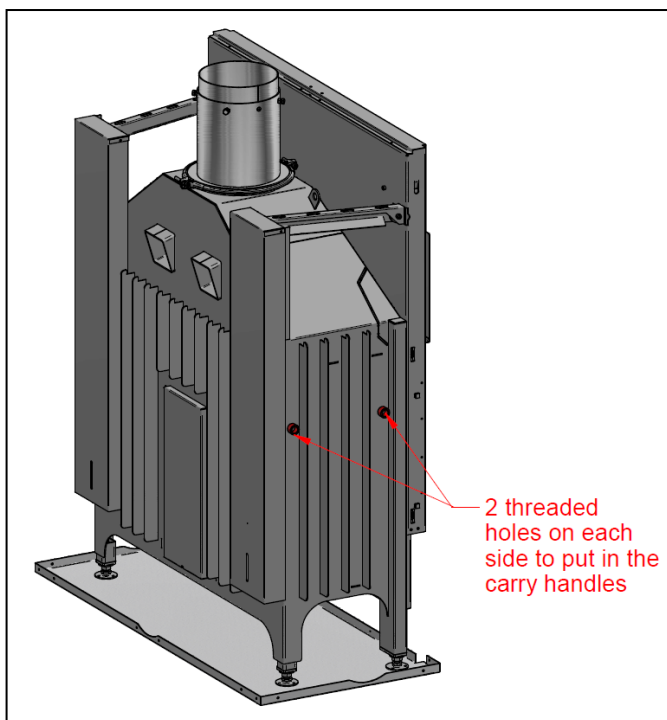
Remove the right side module. It is marked by a sticker number “6” (see pic. 7).



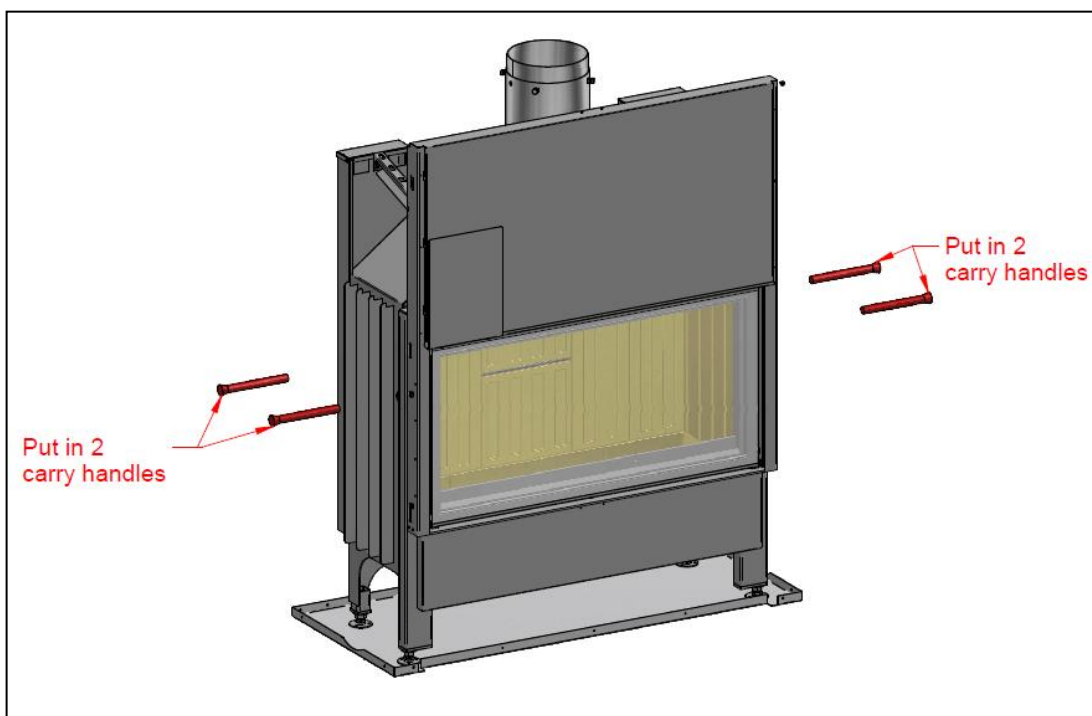
Picture 7

2. Moving the unit

To move the unit take the 4 provided carry handles and fix them at the 2 threaded holes on each side of the unit (see pic. 12-13):



Picture 8



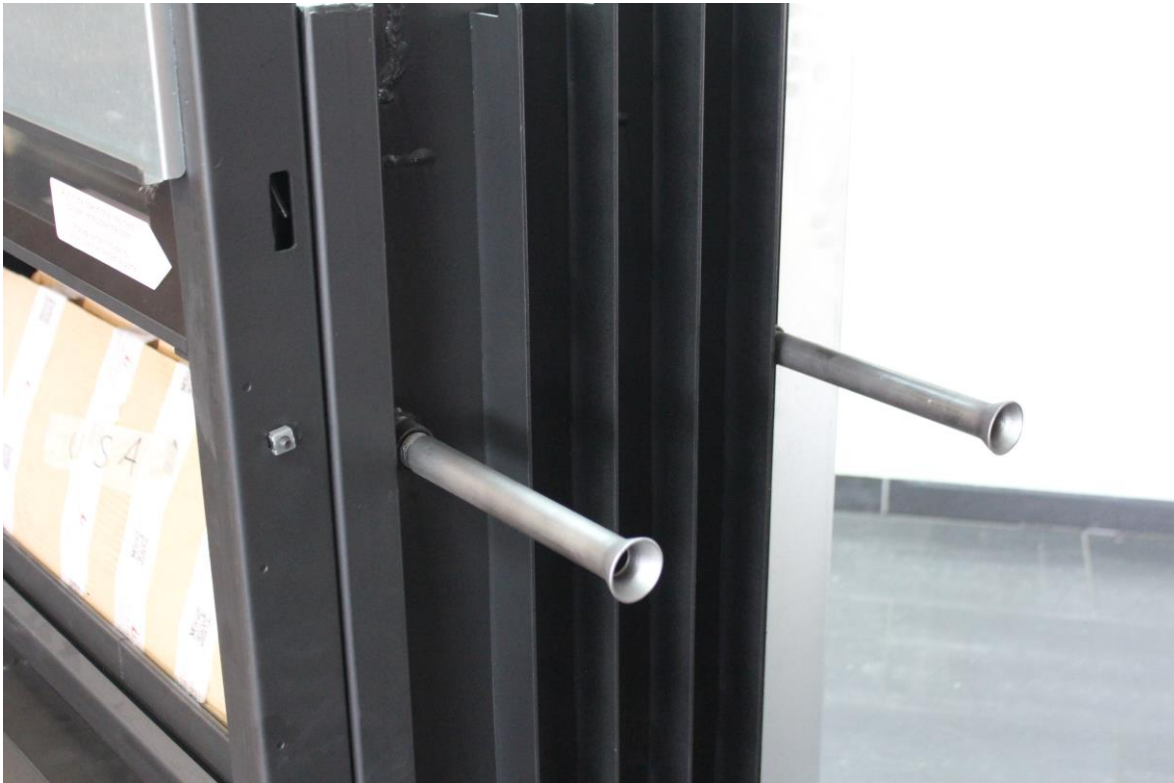
Picture 9



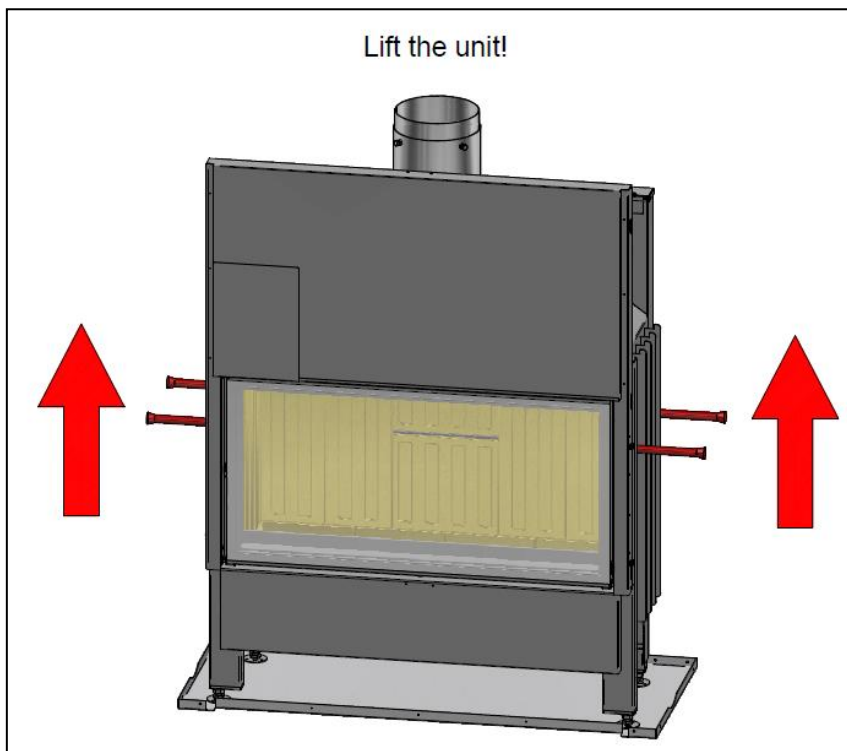
Picture 10



Picture 11



Picture 12



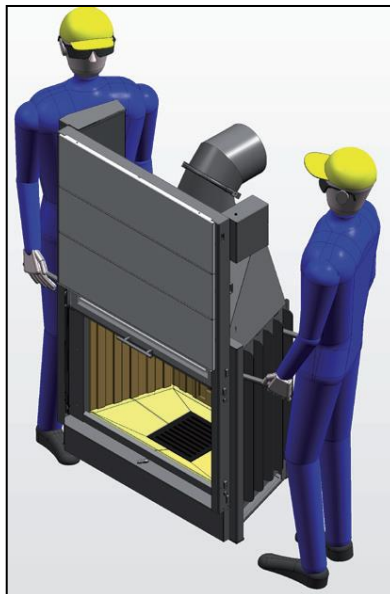
Picture 13



Picture 14



Picture 15



Picture 16

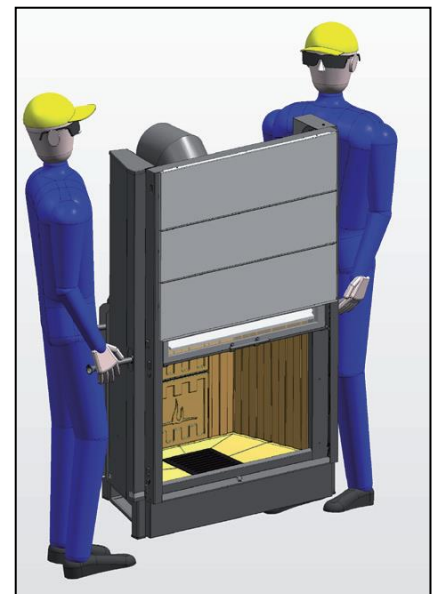
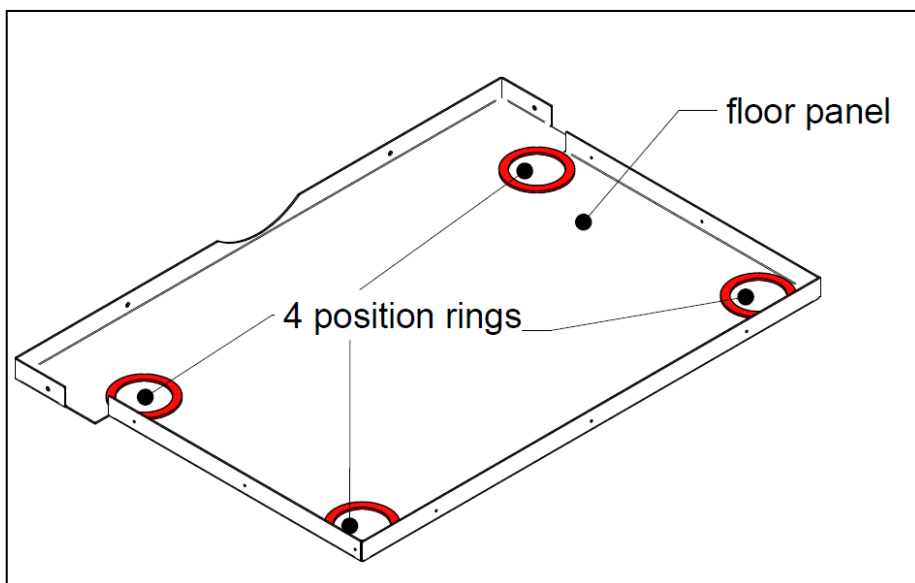
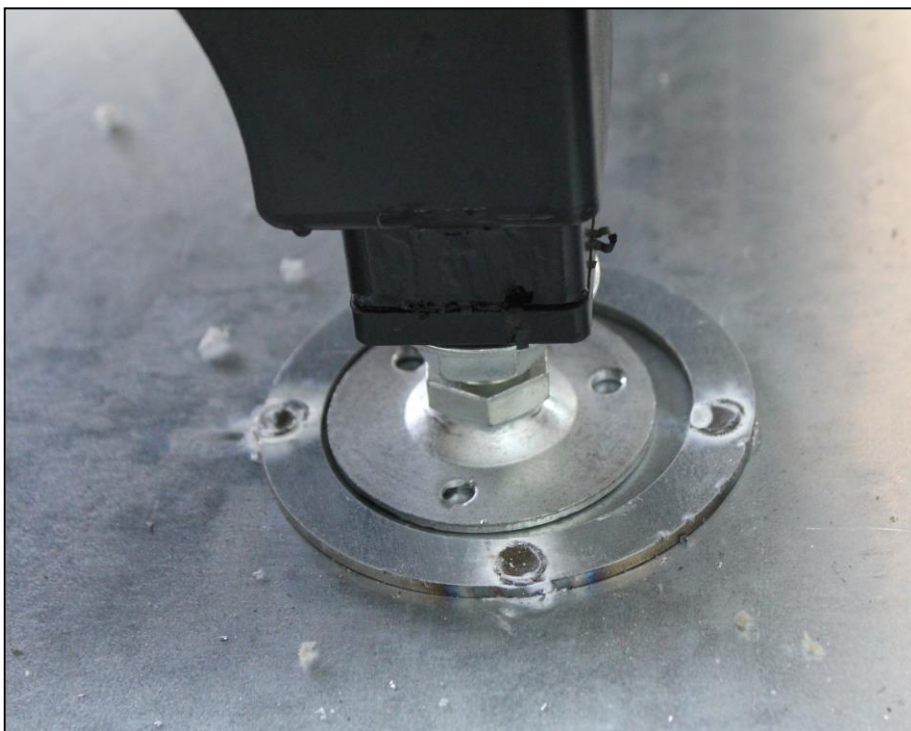


Abbildung picture 17

1. Move the unit of the floor panel.
2. Position the floor panel in the installations final position.
3. Move the unit onto the floor panel. The position rings on the floor panel show the right position for the feet (**see pic. 18**).



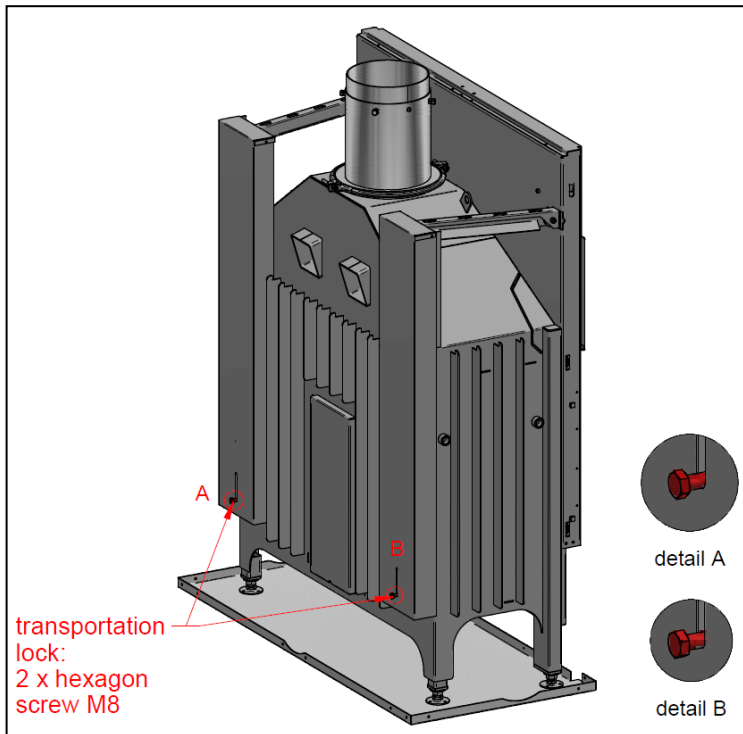
Picture 18



Picture 19

3. Unlock transportation lock

Once the fireplace has been dismantled unlock the counterweights using a screw-wrench size 13 (see pic. 8-12). Remember to perform this operation before inserting the fireplace into the enclosure.



Picture 20



Picture 21: Hexagon screw M8



Picture 22: Tool: screw-wrench size 13



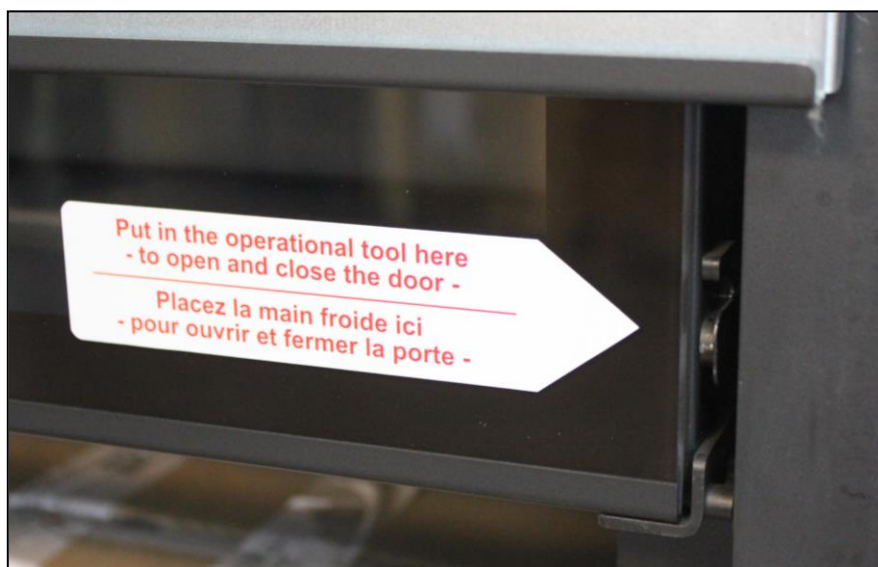
Picture 23



Picture 24

4. Move the door

After unlocking the transportation lock you can open and close the door by using the operational tool and putting it on the lever at the units right side **(see pic. 25-29)**.



Picture 25



Picture 26



Picture 27



Picture 28



Picture 29

5. Reinstall the zero clearance mantel

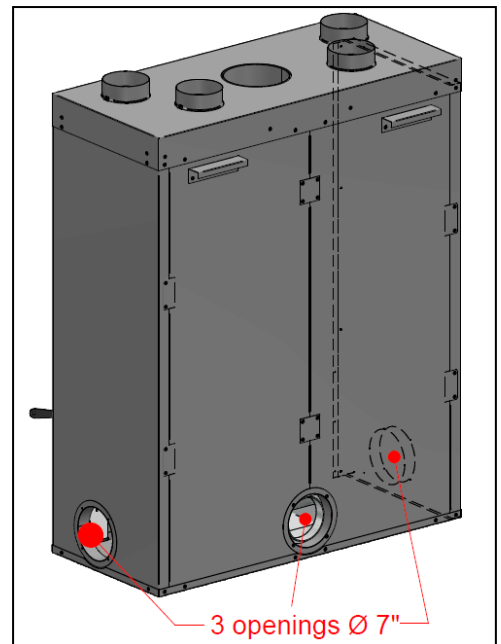
Reinstall the Zero Clearance Mantel. Screw the parts as described in chapter 1 “Disman-
tling” in the reversed numerical order:

1. Install the module, side wall right (6).
2. Install the module, side wall left (5).
3. Install the front plate (4).
4. Install the module, back wall left (3).
5. Install the module, back wall right (2).
6. Fix the guideway and the 2 connecting plates.
7. Install the top module (1).

6. Connection of separate combustion air

When operating with an open fire, the Varia M consumes a large amount of air. Therefore, we recommend provid-
ing an external air supply, although this is not mandato-
ry.

There are three openings Ø 7” at the bottom of the zero
clearance mantel. At one of them you can connect sepa-
rate combustion air, the other two will provide convection
air (**see pic. 19**).

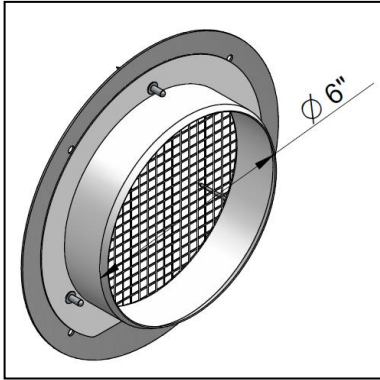


Picture 30

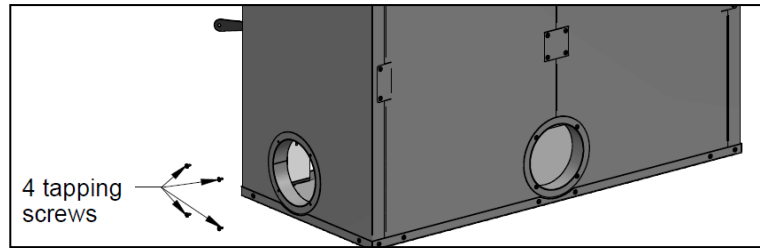
There are two possibilities to connect separate combustion air:

1. Connection to the zero clearance mantel

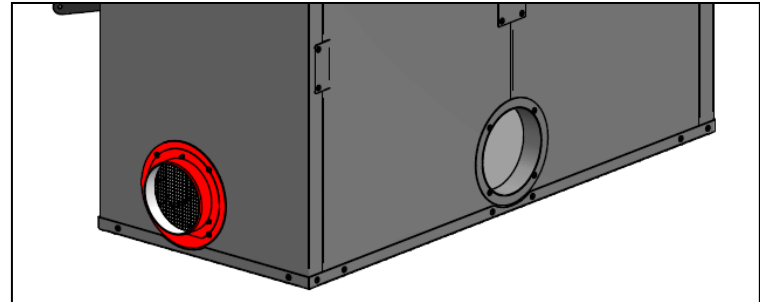
To connect the separate combustion air to the zero clearance mantel screw the
connection adapter Ø 6”, which is enclosed to the unit. You can connect it to the
left side, right side or to the back by loosening the 4 tapping screws and fixing the
adapter with them (**see pic. 20-22**).



Picture 31: Adapter Ø 6'' to connect separate combustion air



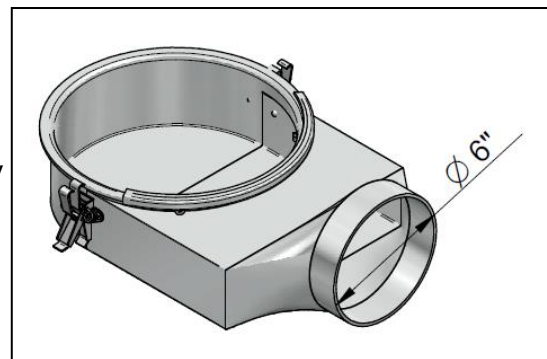
Picture 32: Loosen the 4 screws



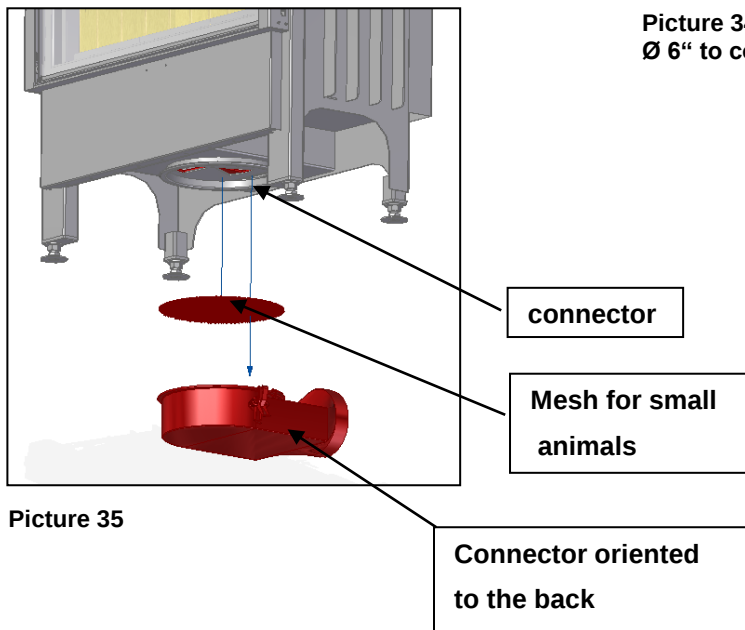
Picture 33: Fix the adapter

2. Connection directly to the unit

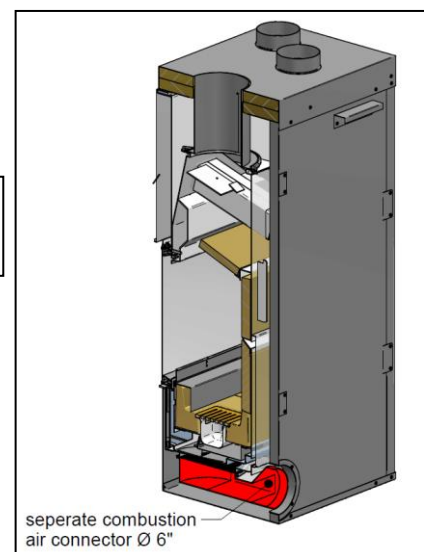
To connect the separate combustion air directly to the unit you need to have the separate combustion air connector Ø 6'' (A # 1018173). Fix the connector directly to the unit. It can be oriented to the left side, right side or to the back.
(see pic. 23-25).



Picture 34: Separate combustion air connector Ø 6'' to connect directly under the unit



Picture 35



Picture 36

Fresh air ducts

The ducts providing the outside combustion air should be as short as possible to prevent pressure loss and to prevent making the house cold.

Grills

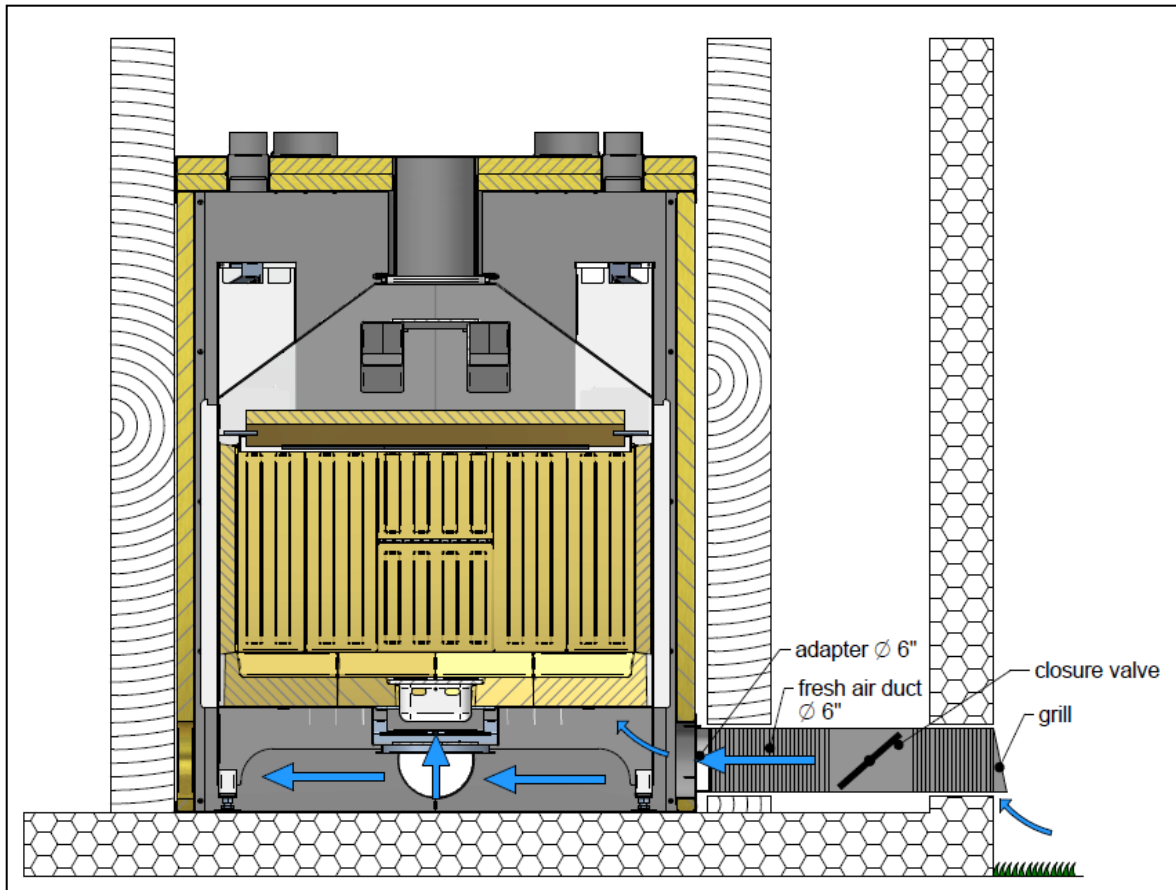
The combustion air ducts will be protected at the outside by a grill. The free passage section of those grills is at least equivalent to the section of the air inlet. Please note that the infiltration of water and the effect of the wind can damage the system.

Closure valve

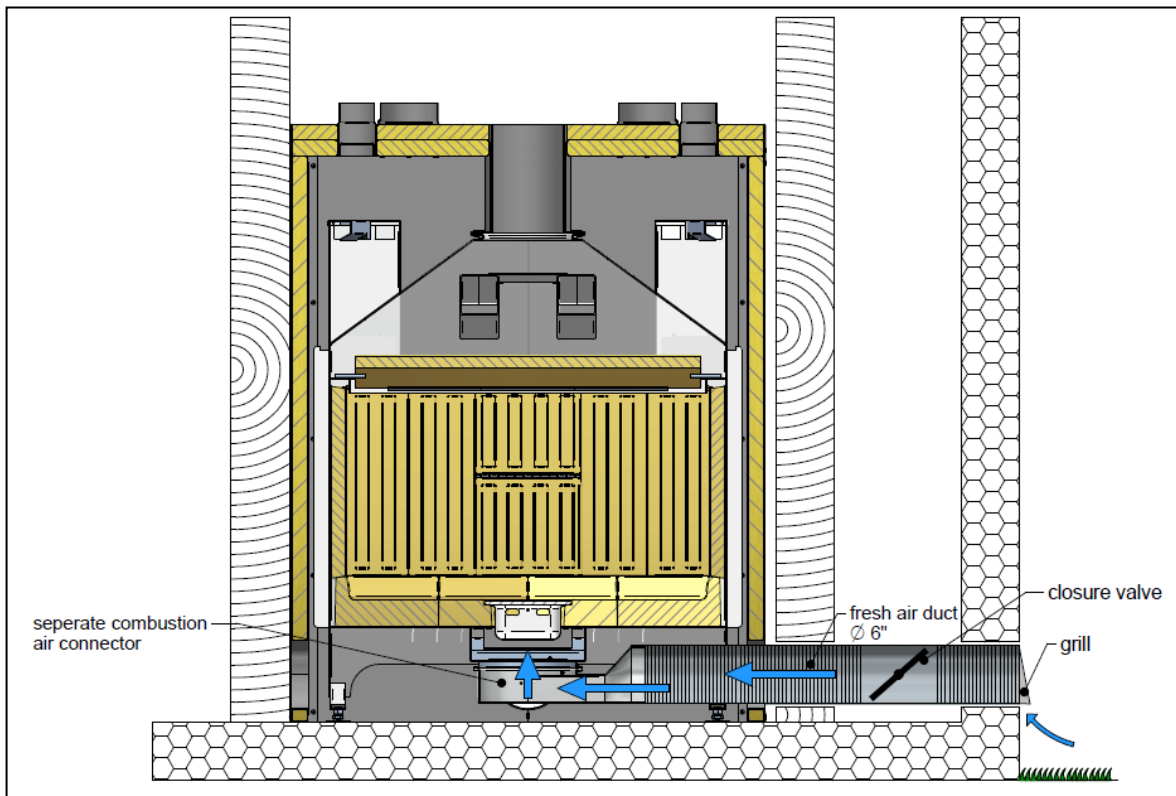
If you decide to connect separate combustion air it is mandatory to install a closure valve to prevent condensate formation and to prevent the room from becoming cold while the stove is not in use. It should ideally be located as close as possible to the outside wall. It can be controlled from inside if it is not too far from the stove (see pic. 26)



Picture 37



Picture 38: connection from the outside to the zcm with installation of a closure valve



Picture 39: connection from the outside directly to the unit with installation of a closure valve

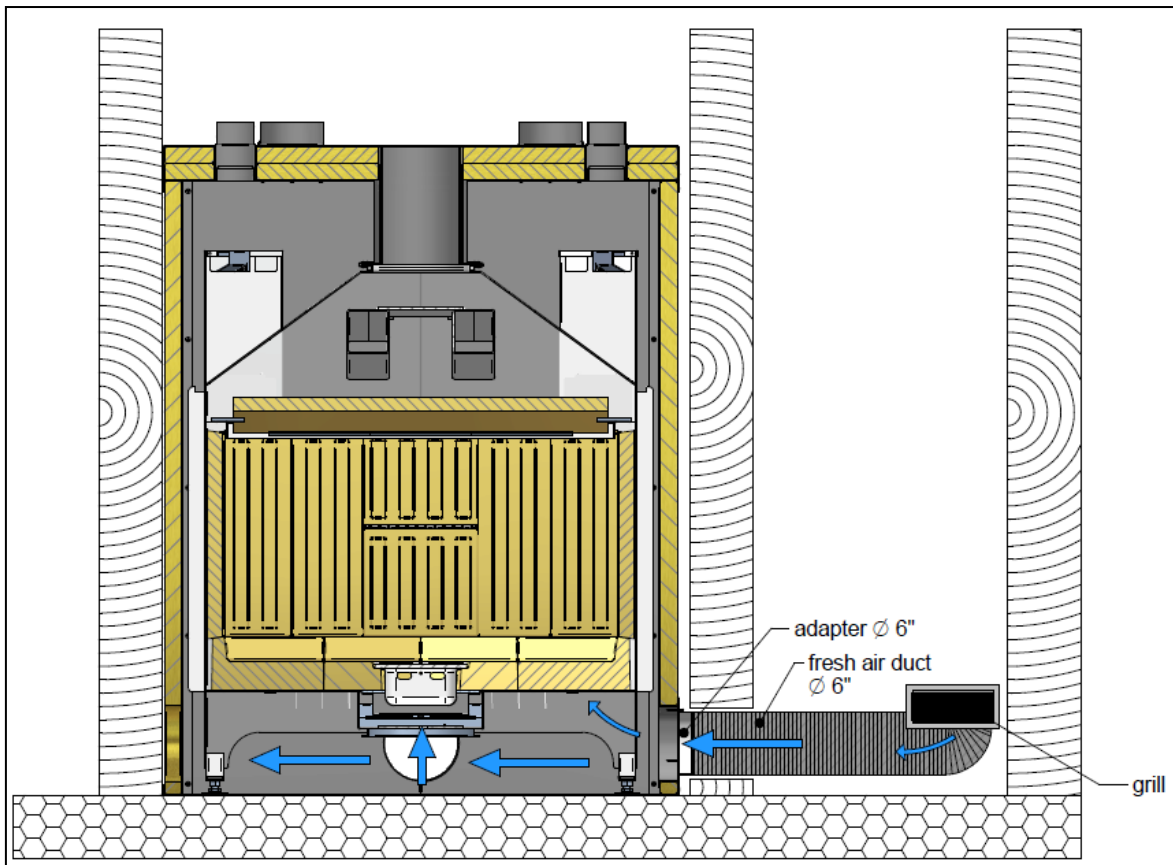
WARNING

IF YOU CONNECT THE SEPARATE COMBUSTION AIR DIRECTLY TO THE UNIT THE CLOSURE VALVE HAS TO BE OPEN WHILE BURNING. ONLY CLOSE THE VALVE WHEN THE FIREPLACE IS NOT IN USE. INOBSERVANCE MAY CAUSE THE FIRE TO BE EXTINGUISHED BECAUSE OF NO PROVISION OF COMBUSTION AIR.

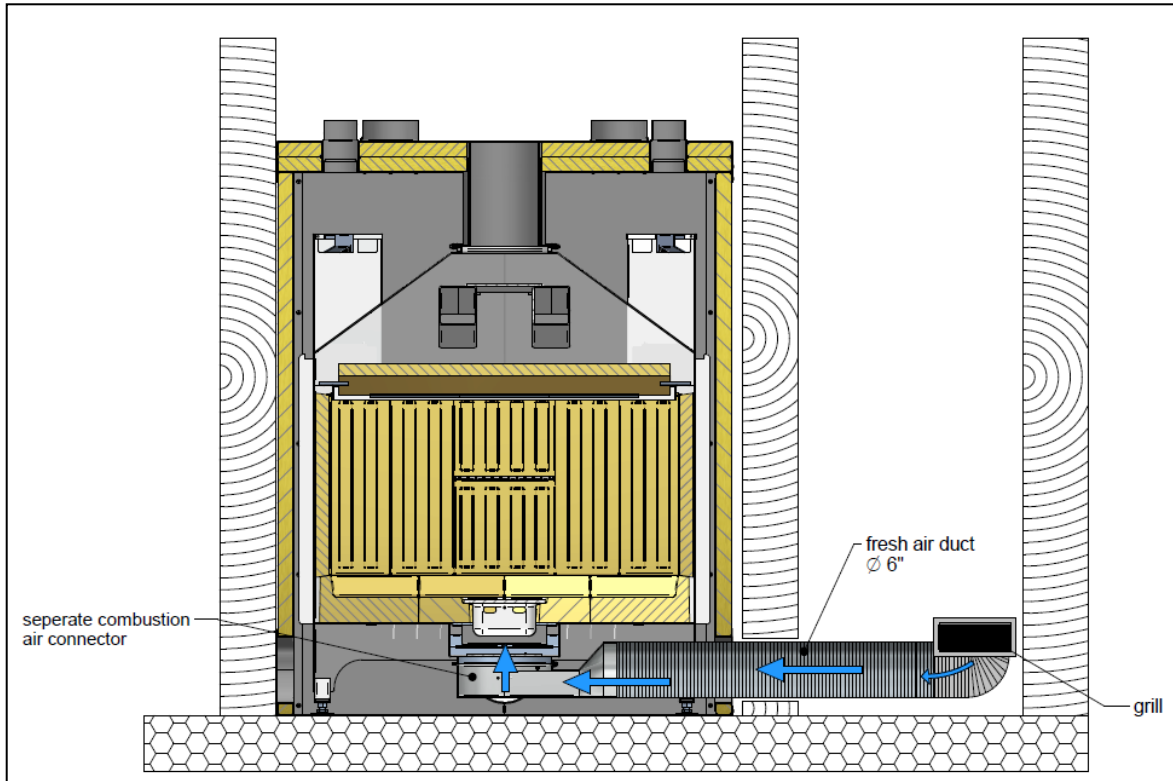
Options

Instead of bringing the combustion air directly from the outside you can connect the duct to another room which is provided with fresh air. In that case it is not mandatory to install a closure valve.

If it is not possible to bring in outside air near the stove (most unfavourable case) the necessary air for combustion will be taken from the room. In that case make sure the air renewal is sufficient when the fireplace is in function e.g. by opening windows in the room. In this case it is not mandatory to install a closure valve (**see pic. 29-30**).



Picture 40: connection from the room to the zcm without installation of a closure valve



Picture 41: connection from the room directly to the unit without installation of a closure valve

Air extraction systems

Please note

Be careful with air extraction systems (kitchen hoods, air conditioning, mechanically-controlled ventilation, other stoves) in operation in the same space or in an adjacent room. They also use lots of air and can cause a depression in the room and prevent the stove from operating correctly (risk of draughtback). They can affect the operation of the stove even if it is connected to an outside air inlet.

The connection of fresh air is crucial for homes that are highly energy efficient.