

## Installation guide for single faced units

- **Varia Bh-P4**
- **Arte Bh-P4**

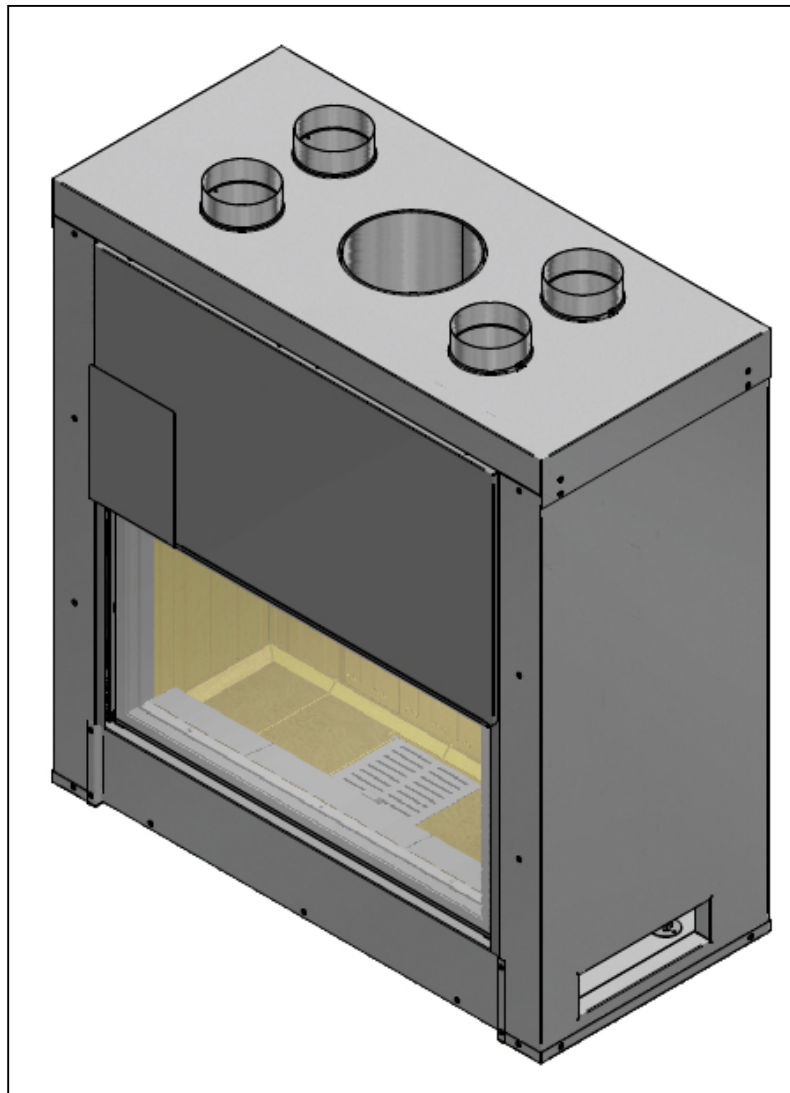
### 1. Dismantling

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#### WARNING

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

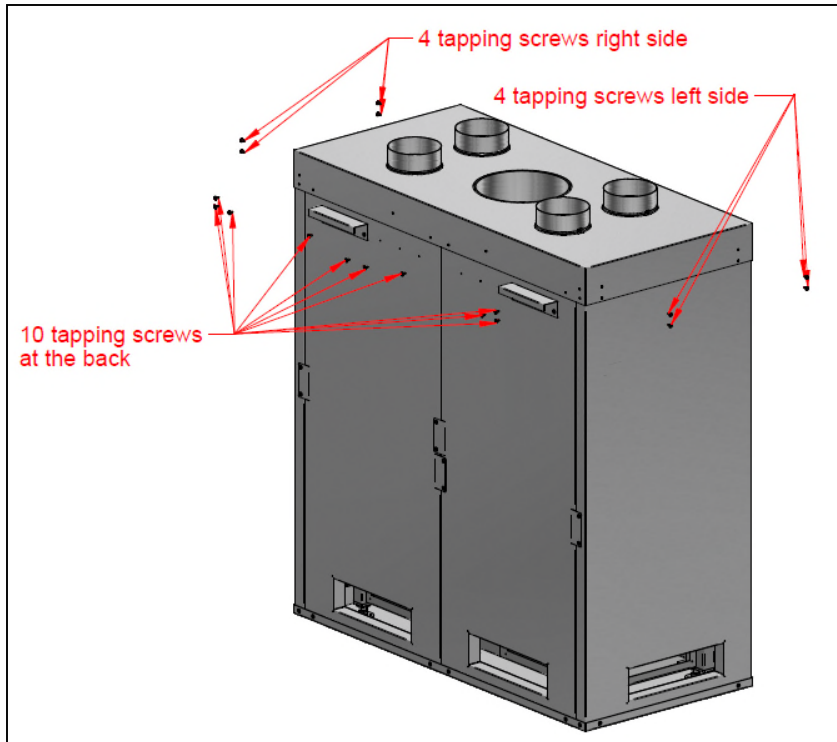
THE UNIT IS DELIVERED WITH INSTALLED ZERO CLEARANCE MANTEL.



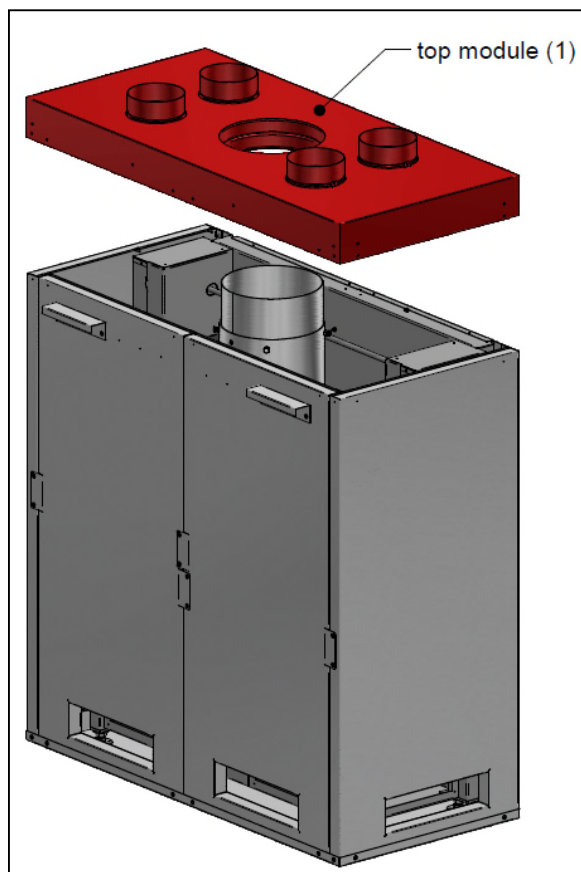
**Varia Bh-P4**

## 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 (see pic. 1). Remove the top module. It is marked by a sticker number “1” (see pic. 2).



Picture 1

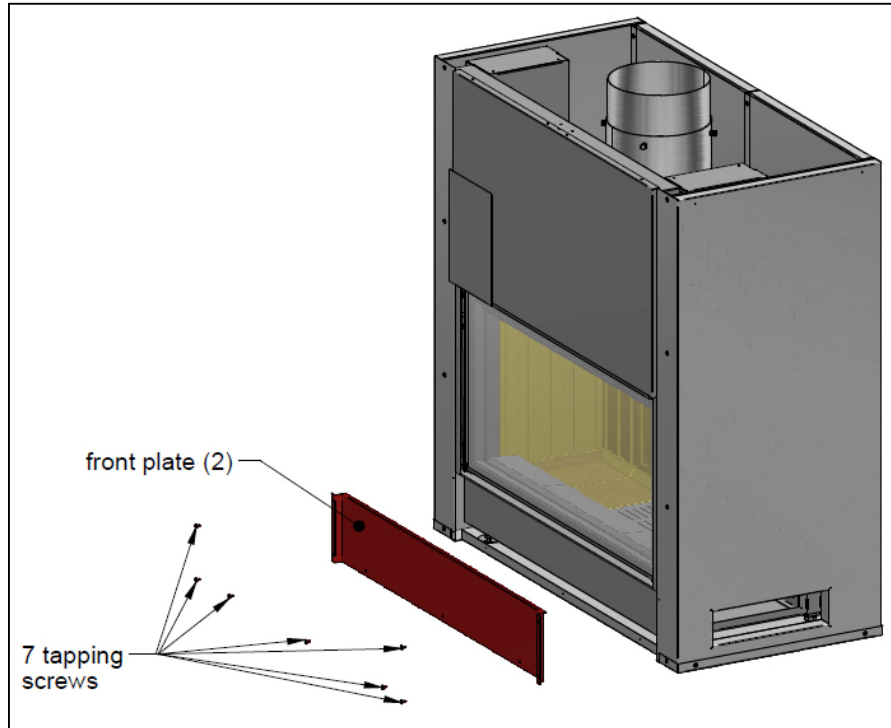


Picture 2

## Step 2 – Dismantle the front plate

Loosen the 7 tapping screws at the front.

Remove the front plate. It is marked by a sticker number “2” (see pic. 3).

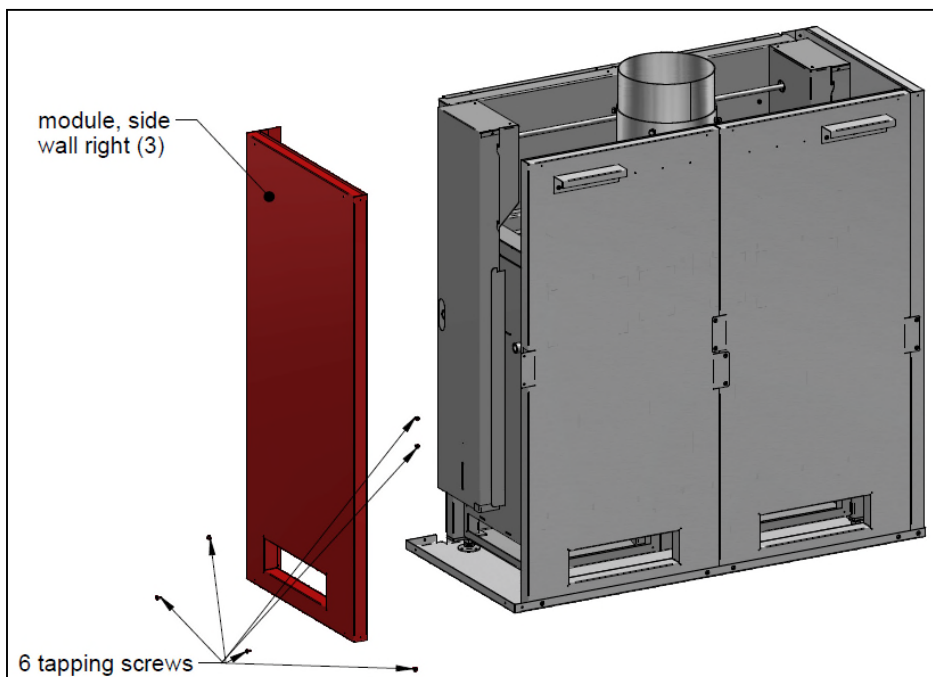


Picture 3

## Step 3 – Dismantle the side modules (3+4)

Loosen the 6 tapping screws at the right side.

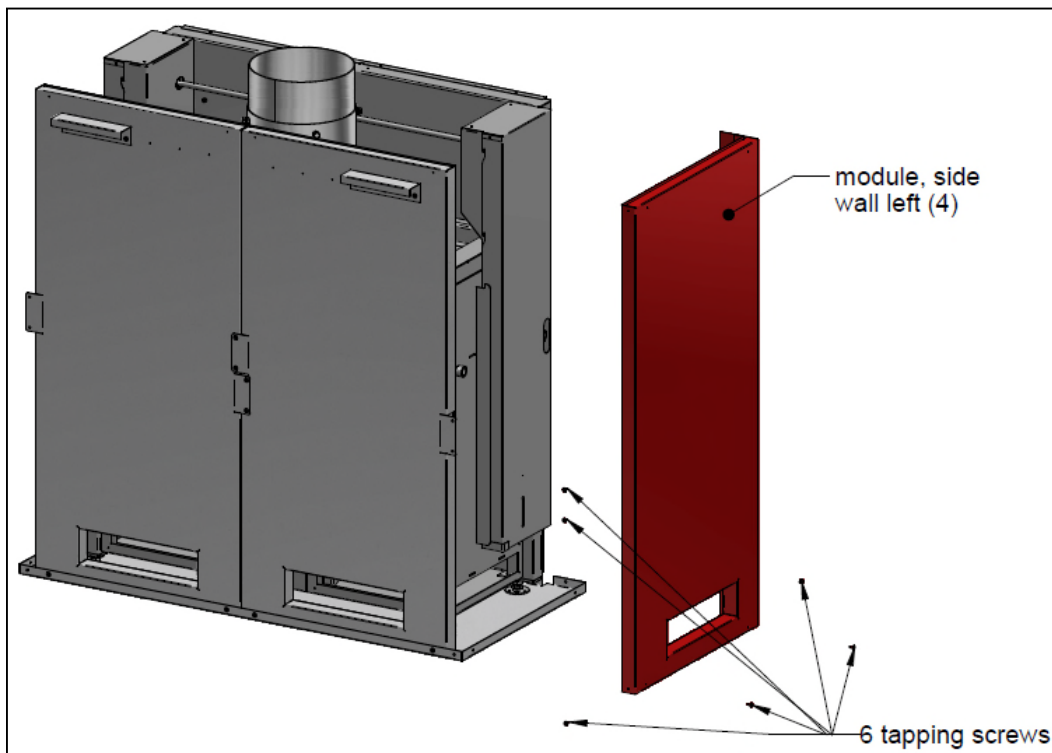
Remove the module, side wall right. It is marked by a sticker number “3” (see pic. 4).



Picture 4

Loosen the 6 tapping screws at the left side.

Remove the module, side wall left. It is marked by a sticker number "4" (pic. 5).

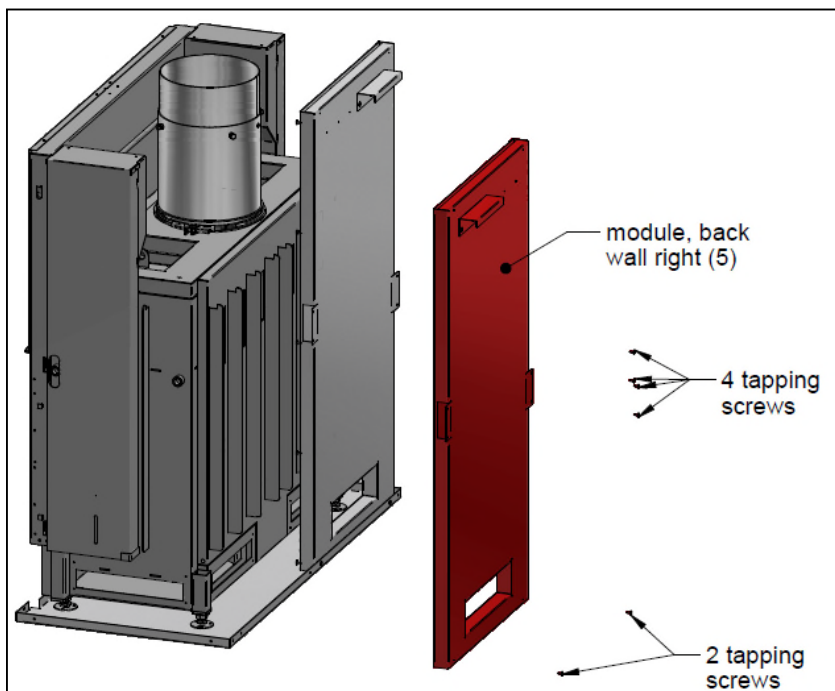


Picture 5

#### Step 4 – Dismantle the back modules (5+6)

Loosen the 6 tapping screws at the back.

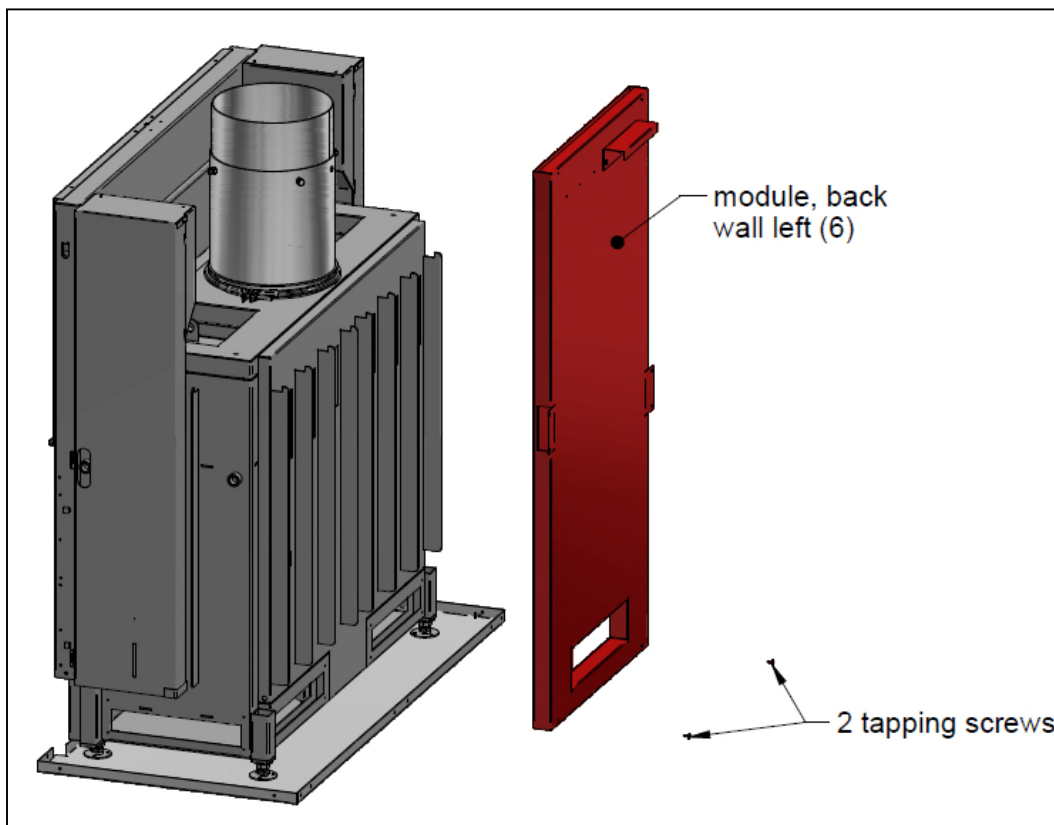
Remove the module, back wall right. It is marked by a sticker number "5" (see pic. 6).



Picture 6

Loosen the 2 tapping screws at the back.

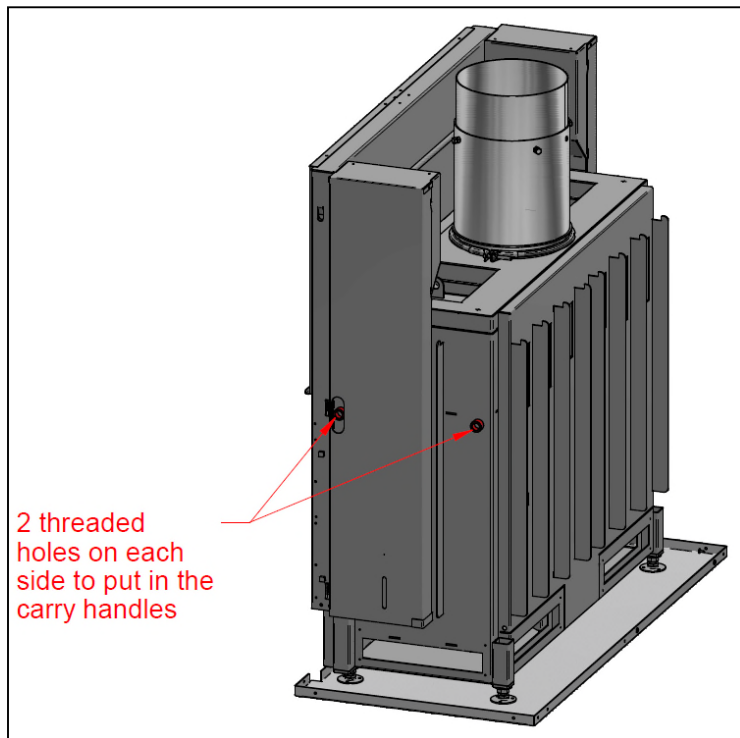
Remove the module, back wall left. It is marked by a sticker number "6" (pic. 7)



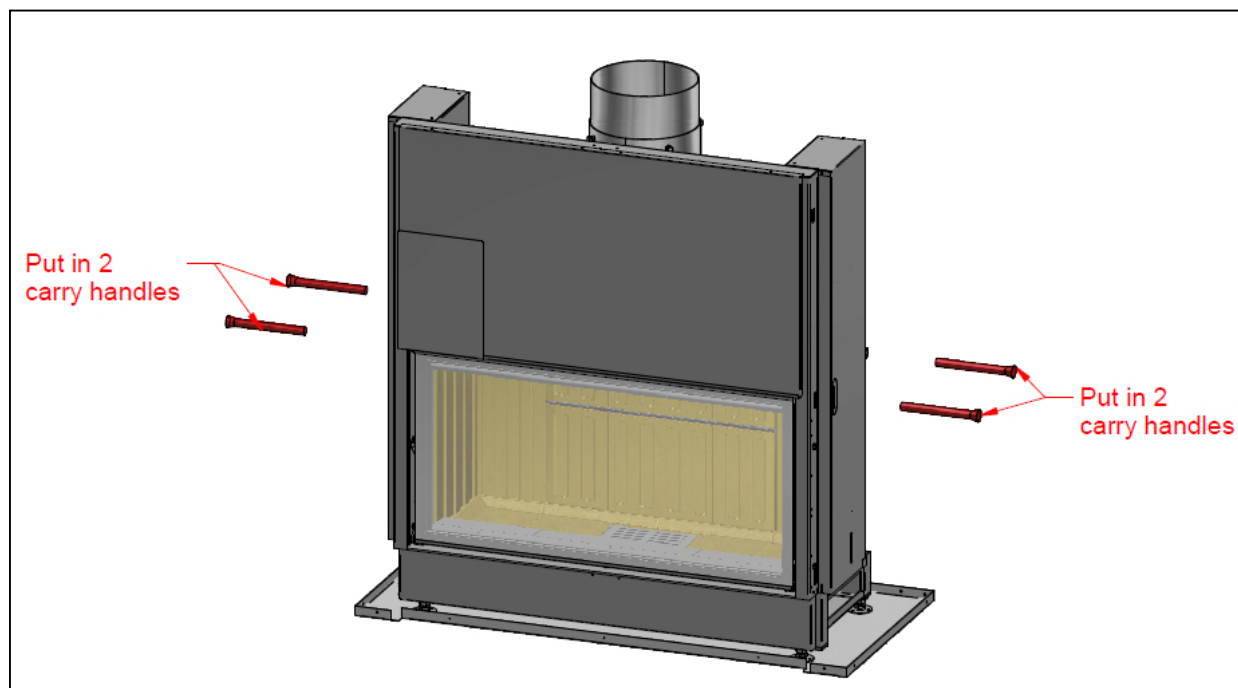
Picture 7

## 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**):

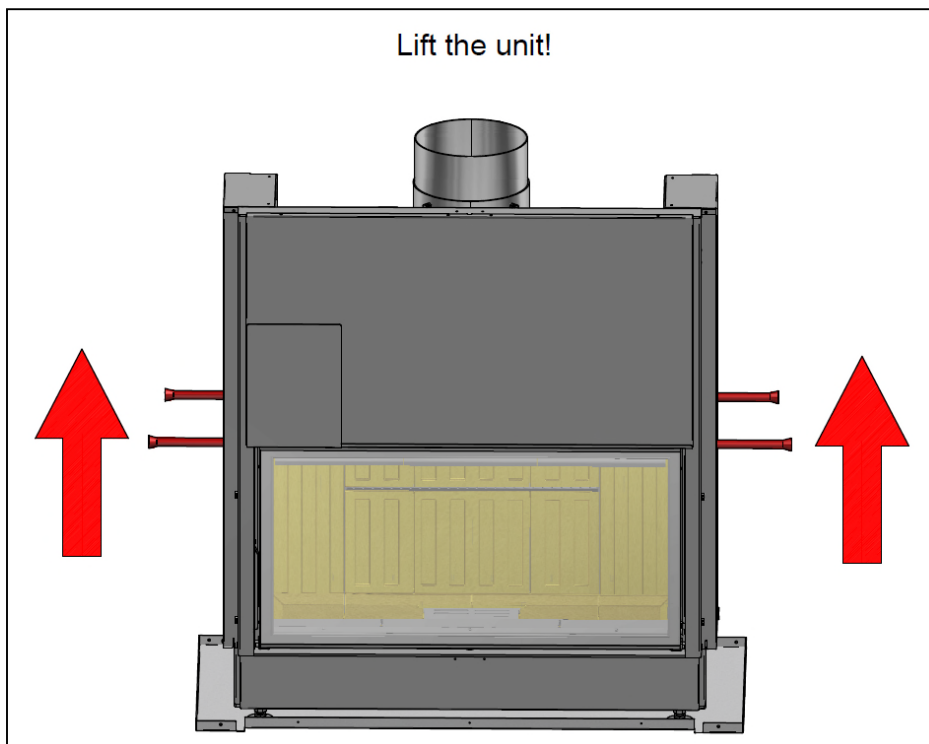


Picture 12

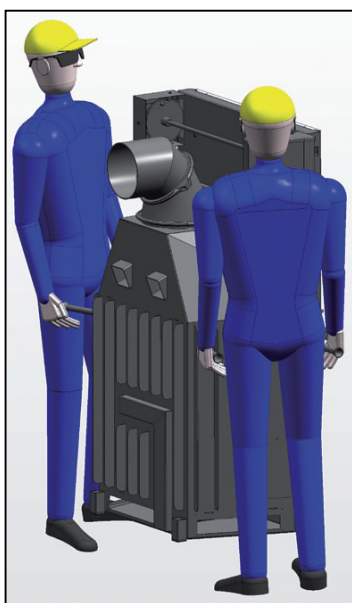


Picture 13

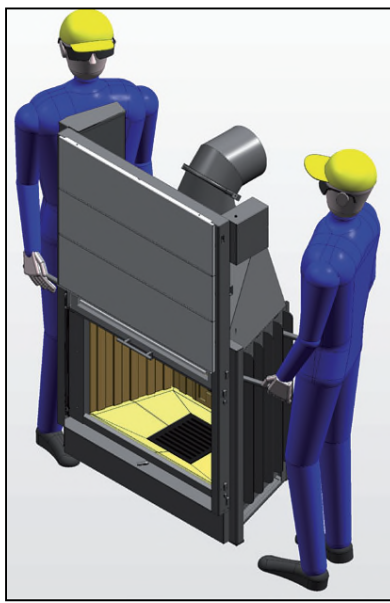




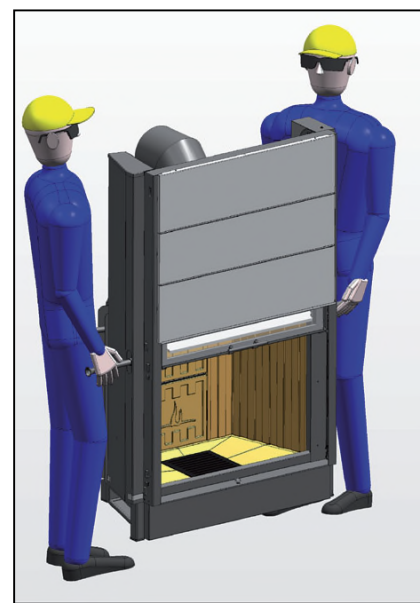
Picture 14



Picture 15

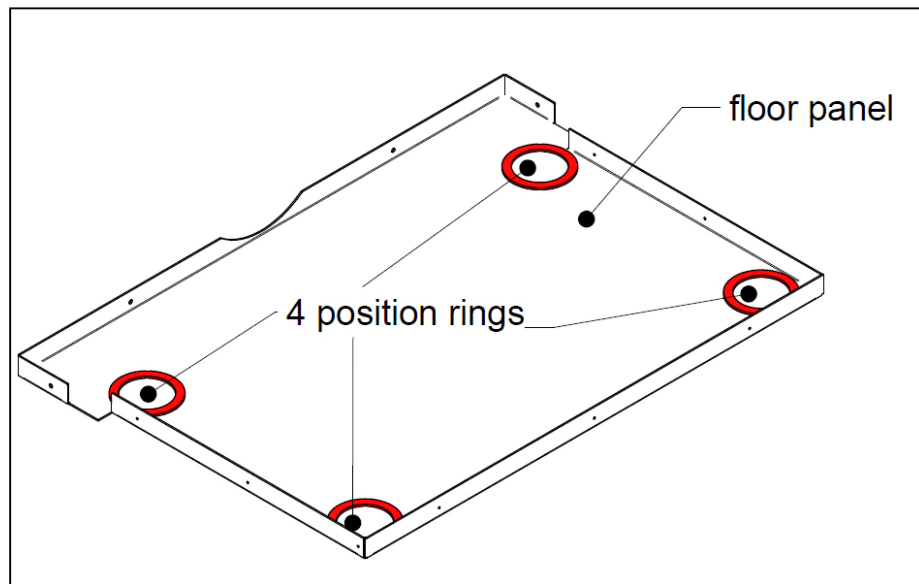


Picture 16



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**).

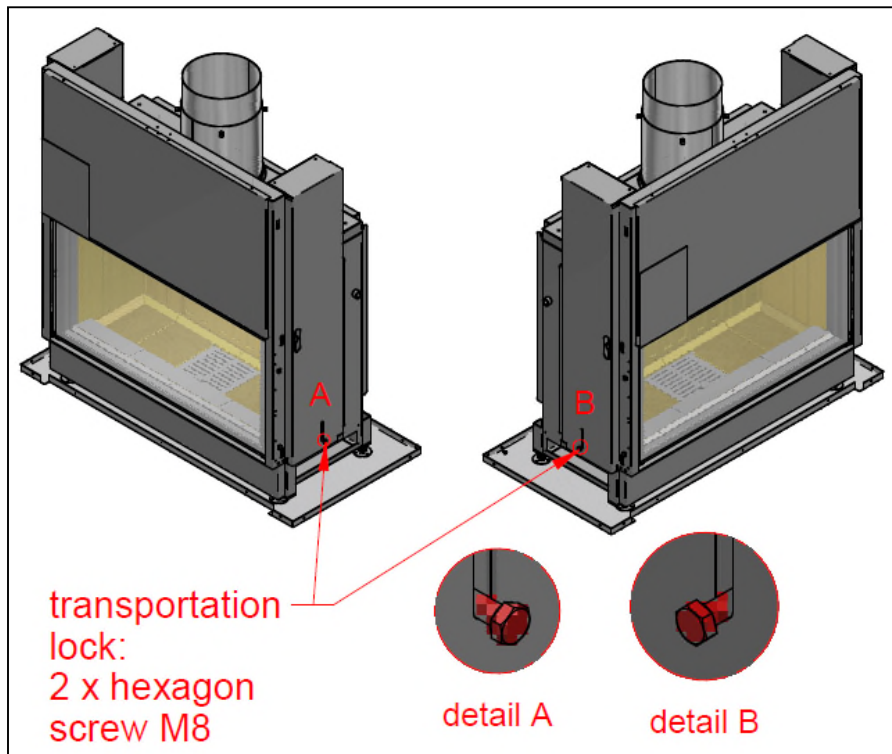


**Picture 18**



### 3. Unlock transportation lock

Once the fireplace has been dismantled unlock the counterweights using a screw-wrench size 13 (**see pic. 8-11**). Remember to perform this operation before inserting the fireplace into the enclosure.



Picture 8



Picture 9: Hexagon screw M8



Picture 10: Tool: screw-wrench size 13



Picture 11

## 4. Reinstall the zero clearance mantel

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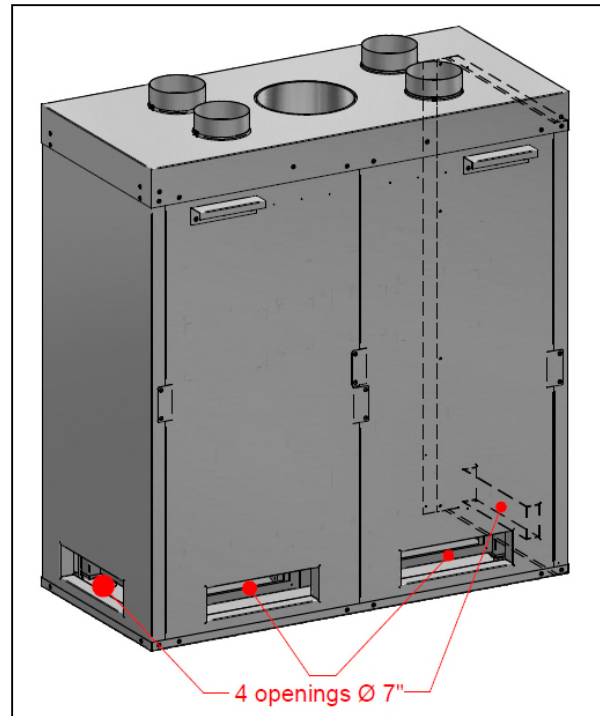
Reinstall the Zero Clearance Mantel. Screw the parts as described in chapter 1 “Disman-  
tling” in the reversed numerical order:

1. Install the module, back wall left (6).
2. Install the module, back wall right (5).
3. Install the module, side wall left (6).
4. Install the module, side wall right (5).
5. Install the front plate (4).
6. Install the top module (1).

## 5. Connection of separate combustion air

When operating with an open fire, the Var-ia Bh / Arte Bh consumes a large amount of air. Therefore, we recommend providing an external air supply, although this is not mandatory.

There are three / four openings 300 x 85mm at the bottom of the zero clearance mantel. At one of them you can connect separate combustion air, the other two / three will provide convection air (**see pic. 19**).

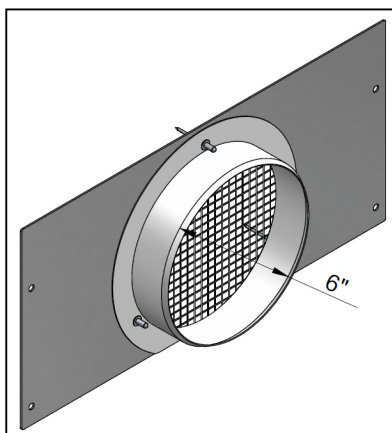


Picture 19

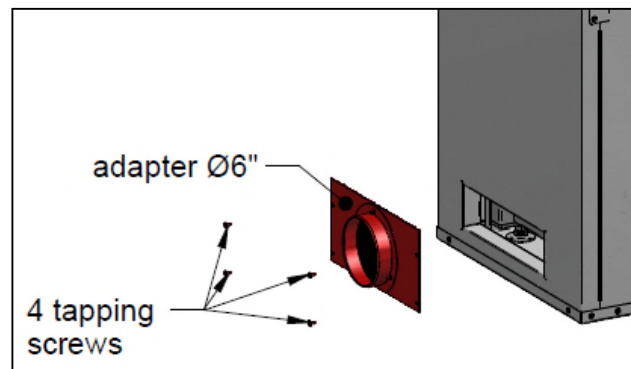
There are two possibilities to connect separate combustion air:

### 1. Connection to the zero clearance mantel

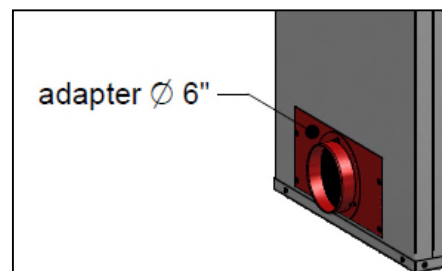
To connect the separate combustion air to the zero clearance mantel screw the connection adapter Ø 6", which is enclosed to the unit. You can connect it to the left side, right side or to the back by fixing the adapter with 4 tapping screws (**see pic. 20-22**).



Picture 20: Adapter Ø 6" to connect separate combustion air



Picture 21



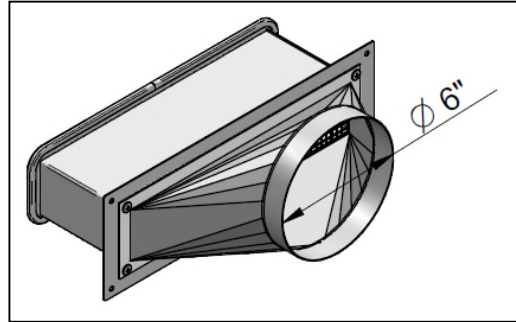
Picture 22: Fix the adapter

## 2. Connection directly to the unit

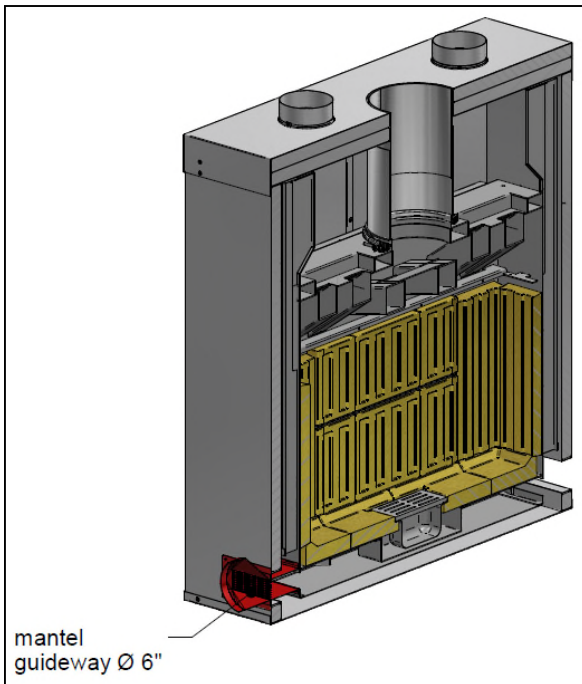
To connect the separate combustion air directly to the unit you need to have the mantel guideway.

(A # XXXXXX). Fix the connector directly to the unit. It can be oriented to the left side, right side or to the back.

(see pic. 23-24).



Picture 23: mantel guideway cornered to Ø 6"



Picture 24

## 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

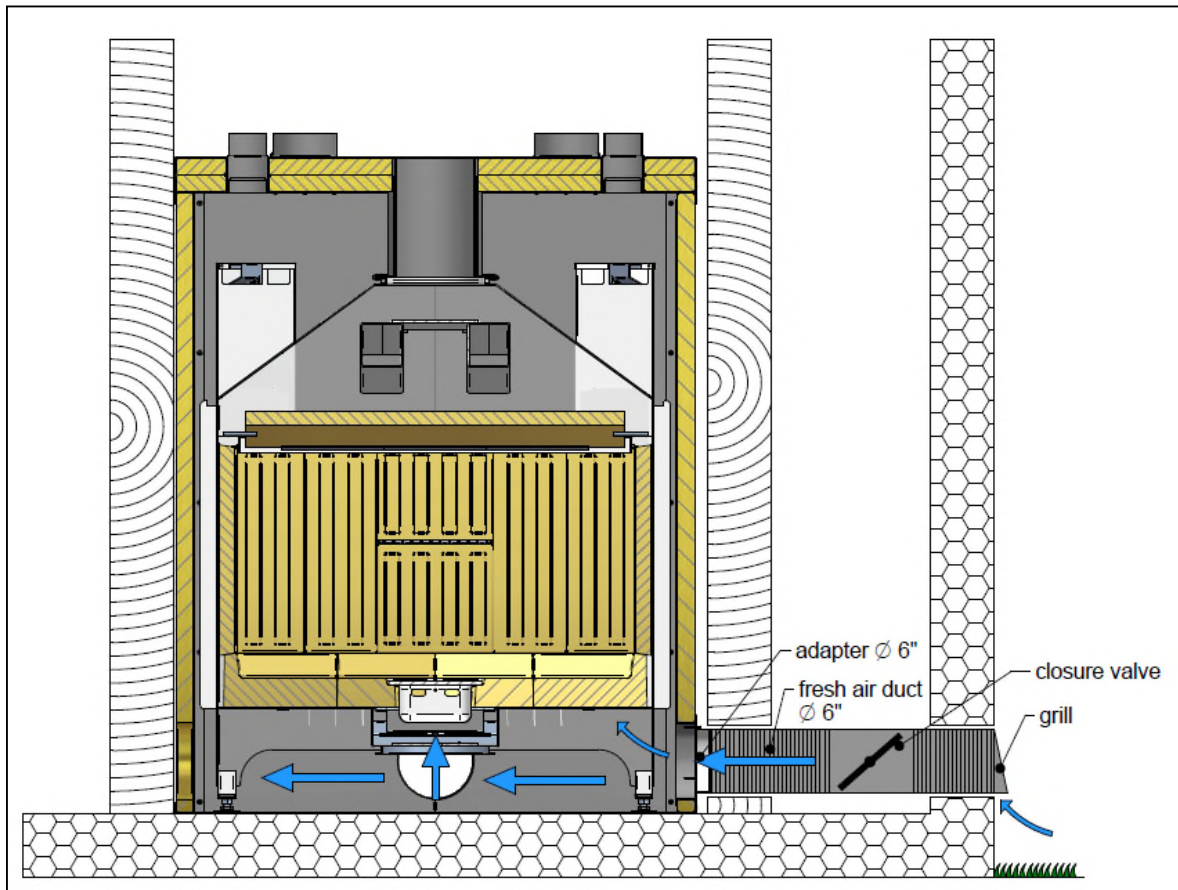
The combustion air ducts will be protected at the outside by a grill. The free passage section of those grills is at least equivalent to the section of the air inlet. Please note that the infiltration of water and the effect of the wind can damage the system.

## 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. 25**).

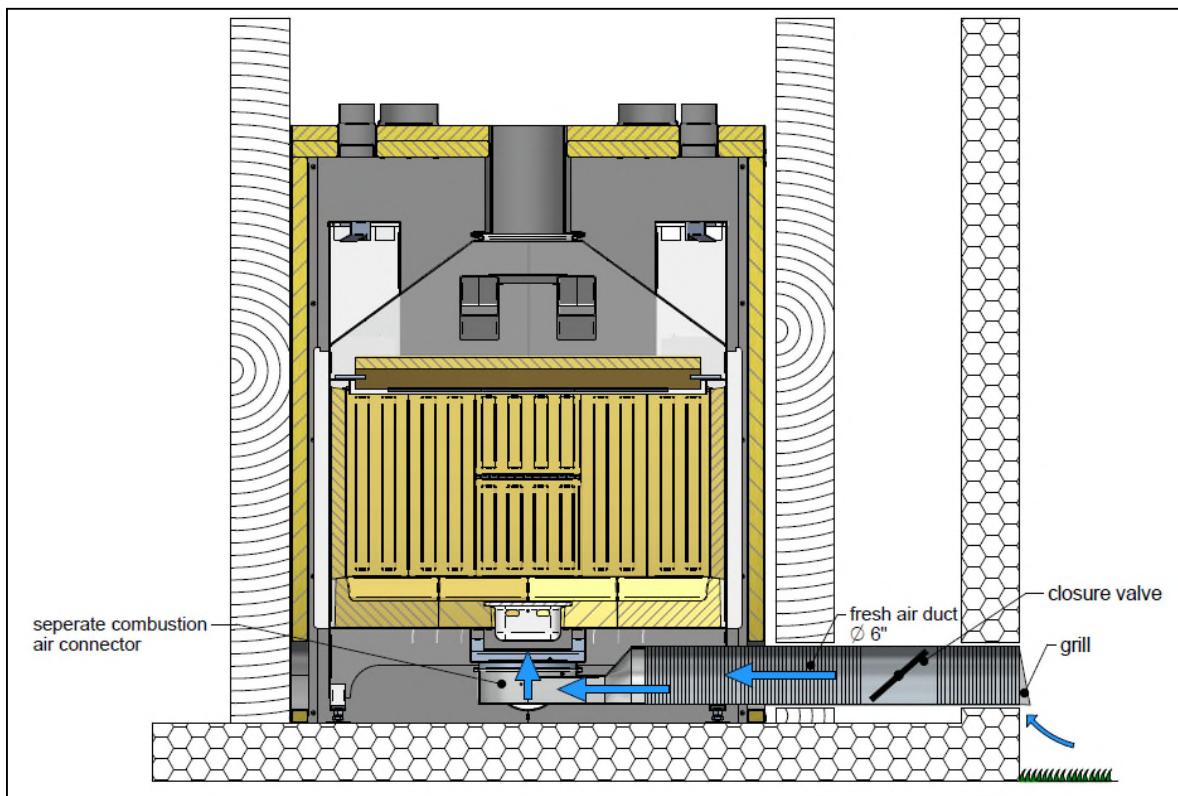


Picture 25



Picture 26: connection from the outside to the zcm with installation of a closure valve





**Picture 27: connection from the outside directly to the unit with installation of a closure valve**

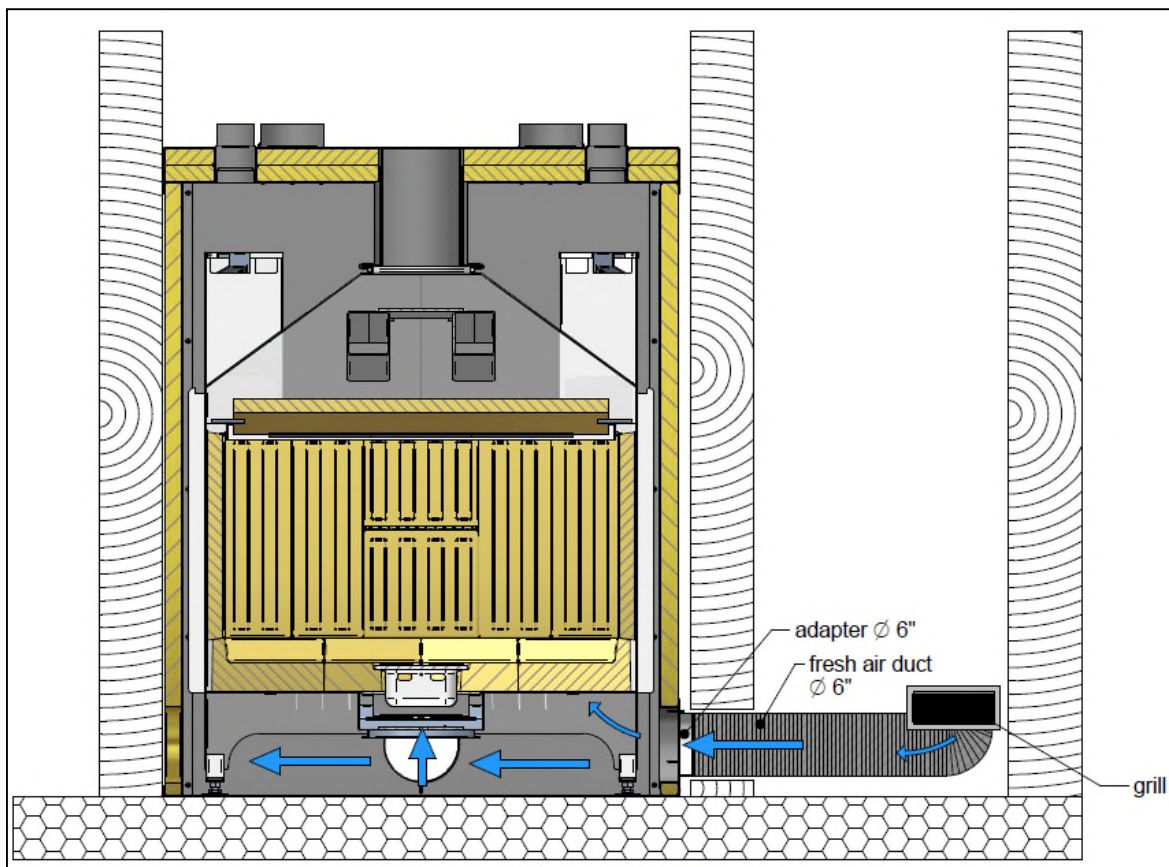
## WARNING

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.

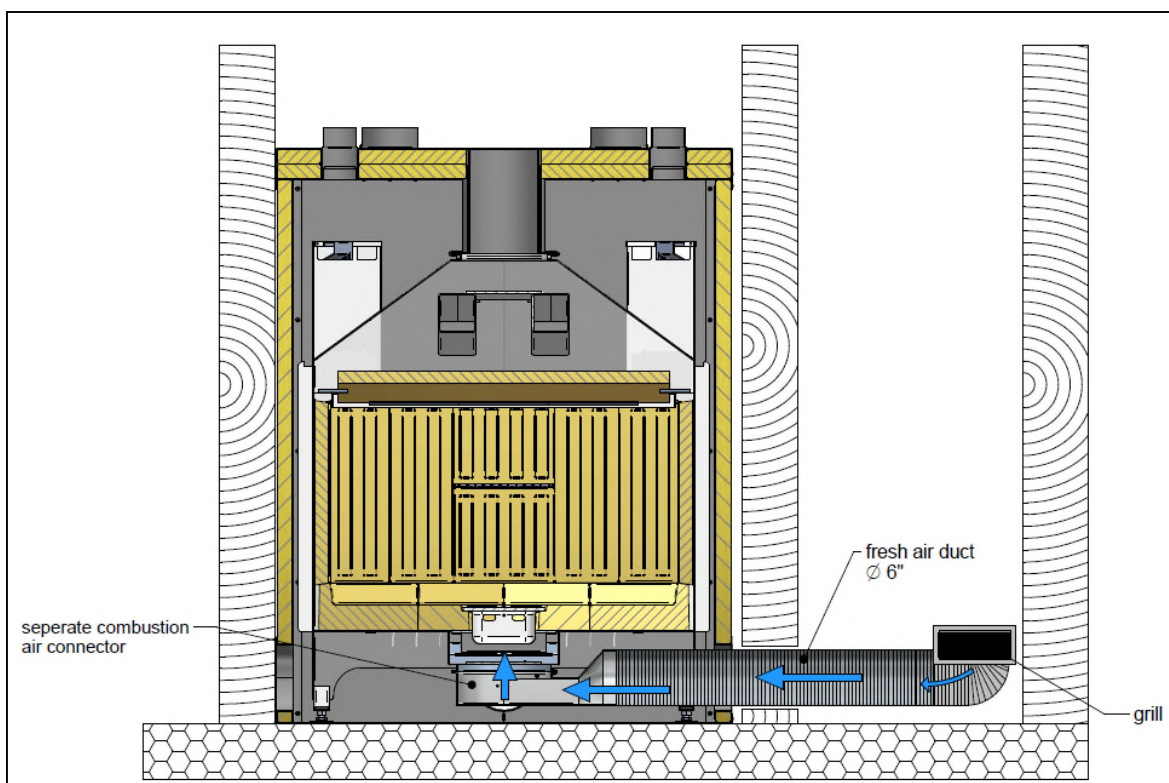
## Options

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. 28-29**).



**Picture 28: connection from the room to the zcm without installation of a closure valve**



**Picture 29: 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.**