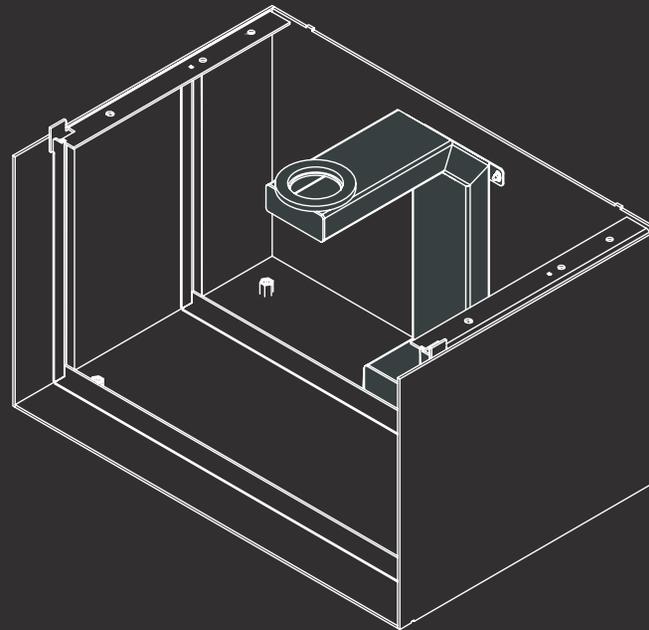


H BASE STÛV 16

INSTALLATION MANUAL



REQUIRED TOOLS



Impact driver



Crowbar



Hammer



Cube handles



Protective fabric
or cardboard



Ø4" Clamping collar
and flexible duct
(option)

REQUIRED HARDWARE



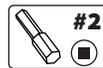
5 mm
hex socket



8 mm
hex socket



10 mm
hex socket



No. 2
square bit



Torx 20 bit

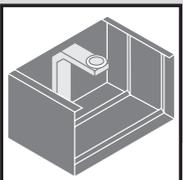


3 mm
hexagonal bit



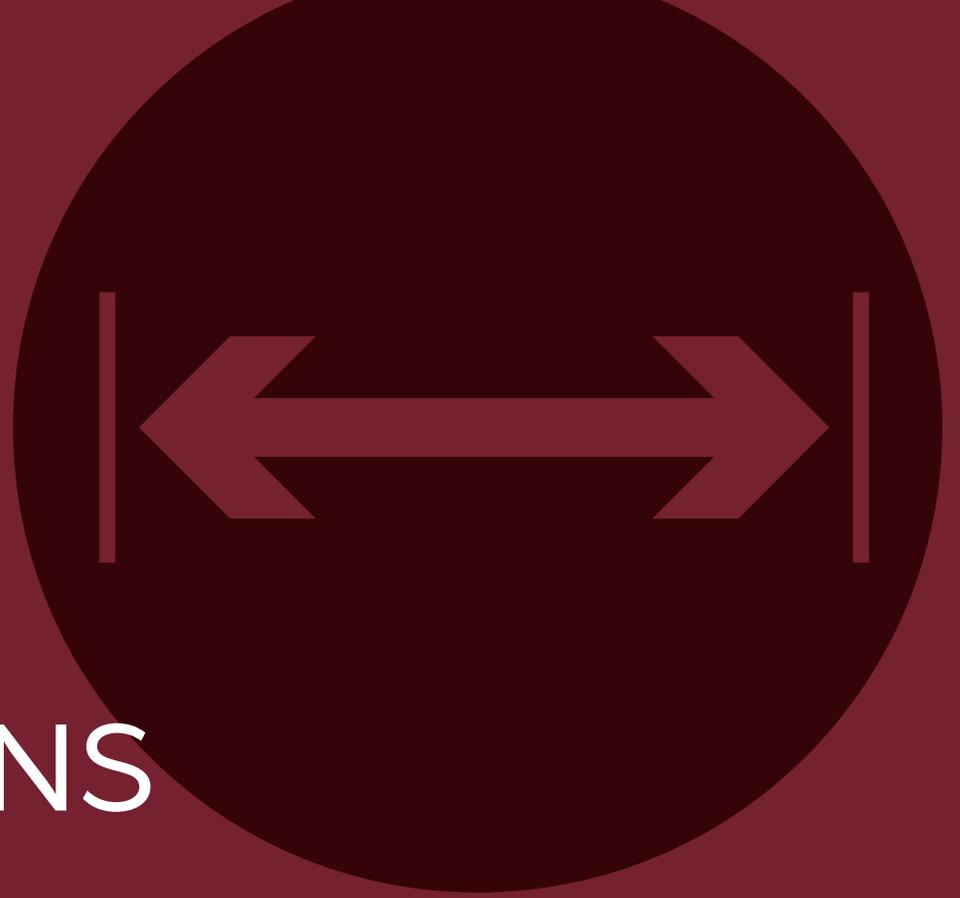
IMPORTANT

This document is an additional manual to the **Stûv 16** installation manual. For a successful installation, it is important to follow these instructions carefully. Look for this symbol in the **Stûv 16** installation manual to know when to refer to this manual.



1

DIMENSIONS



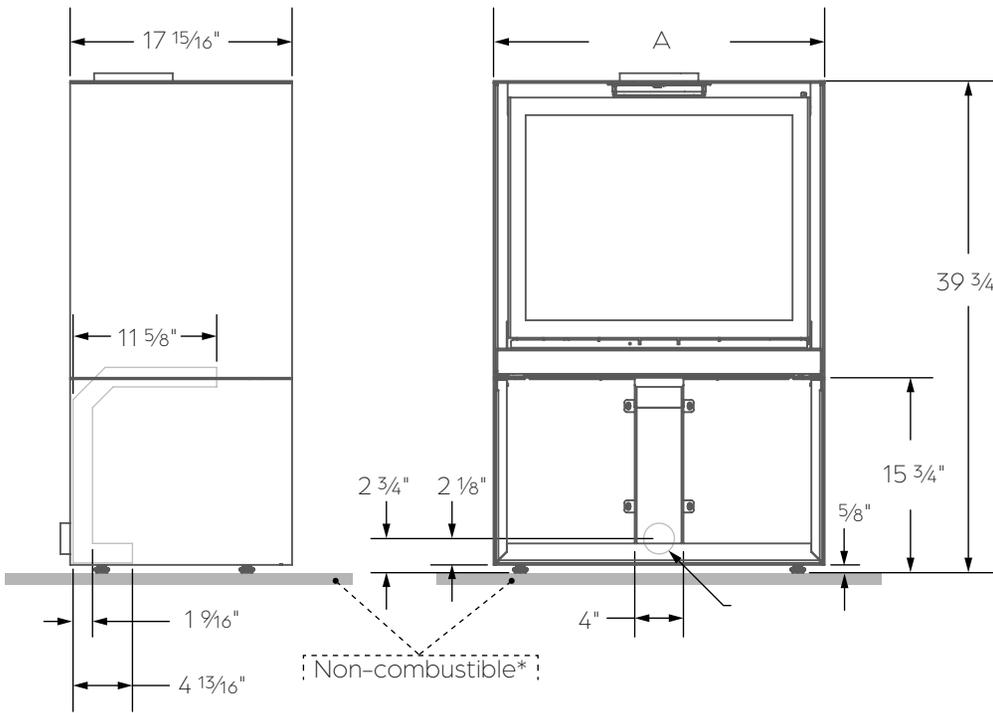
1.1 DIMENSIONS

1.2 EXPLODED VIEW



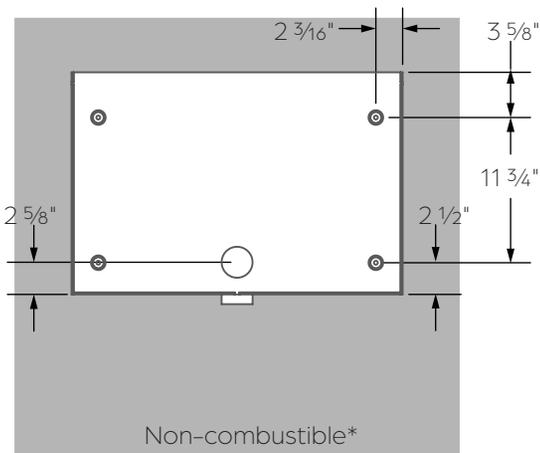
SIDE VIEW

FRONT VIEW



BOTTOM VIEW

| FRONT VIEW | A |
|------------|---------|
| 16-58 | 22 7/8" |
| 16-68 | 26 3/4" |
| 16-78 | 30 3/4" |



*See Stuv 16-cube installation manual for more details.

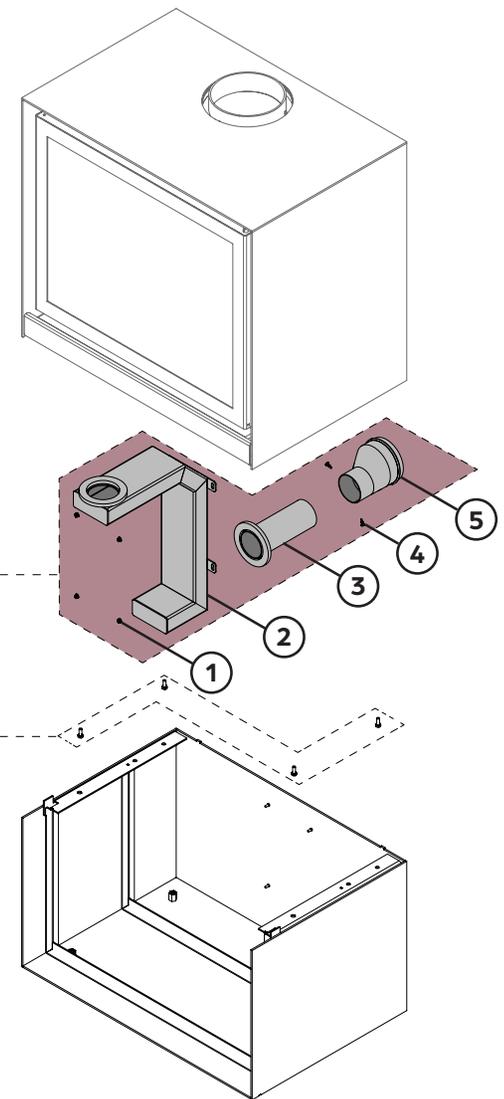
OPTION : AW1200200700

Outside air intake connector

- ① M4 nuts (x4)
- ② Air inlet channel
- ③ Cylindrical connector
- ④ Self-drilling screws (x2)
- ⑤ Offset reducer

M6x16 hex bolts (4x)

H base

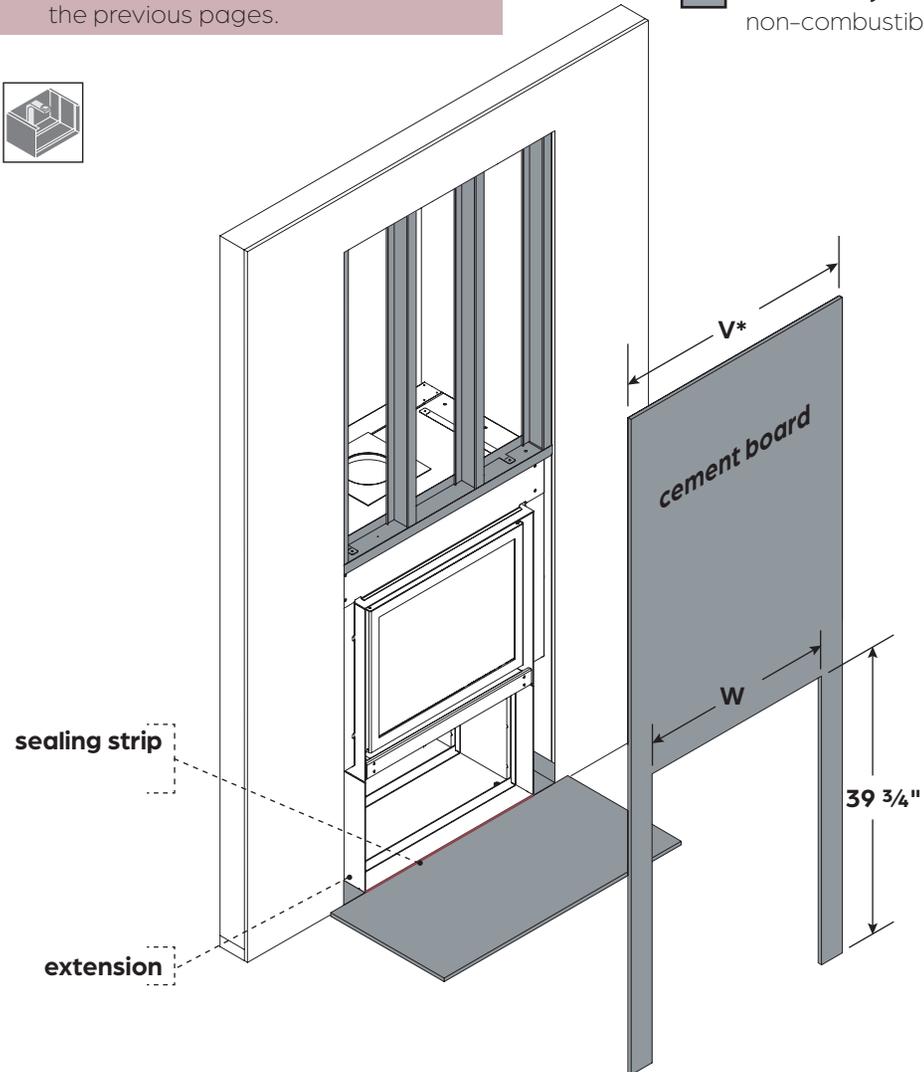


| DESCRIPTION | 16-58 | 16-68 | 16-78 |
|-------------|--------------|--------------|--------------|
| H base | AW1301001200 | AW1301001300 | AW1301001400 |

1.3 INSTALLING A 16-Z WITH AN H BASE



NOTE
These obligations must be respected **in addition to** the minimum clearances indicated on the previous pages.

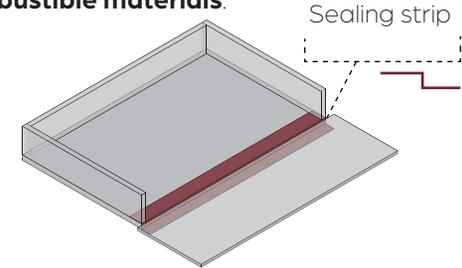


- additional**
non-combustible
- mandatory**
non-combustible

PROTECTION OF THE COMBUSTIBLE MATERIALS

All components added between the H base and the external dimensions of the insulated shell (**V**) must be made of **non-combustible materials**.

It is mandatory to extend the non-combustible floor protection under the H base. It is also mandatory to protect the wall structure by adding non-combustible materials vertically on the sides and in the back.



The junction between the non-combustible material under the H base and the non-combustible floor protection in front of the fireplace must be airtight to keep embers from getting inside the wall or under the subfloor.

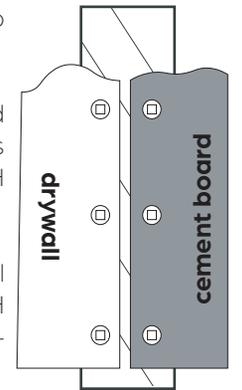
The red line on the illustration shows where to place the sealing strip.

AFFIXING THE WALL FINISHING

The **V*** dimension indicates the minimum measurement to cover the insulated shell.

To make it easier to affix the wall finishing, we recommend cutting the cement board wider to reach the wall structure's wood frame. This will help make the two sides around the H base more rigid.

The wood frame will therefore be used to affix both the drywall and the cement board. If a structure is added around the H base to affix the cement board, it must be made of a non-combustible material.



| MODEL | V | W |
|-------|----------|---------|
| 16-58 | 29 3/16" | 22 7/8" |
| 16-68 | 33 3/16" | 26 7/8" |
| 16-78 | 37 1/16" | 30 3/4" |

- combustible (drywall)
- combustible
- non-combustible (cement board)

2

INSTALLATION

| | | |
|-----|--------------------------------------|---|
| 2.1 | UNPACKING | 5 |
| 2.2 | OPTION: OUTSIDE AIR INTAKE KIT | 6 |
| 2.3 | INSTALLING THE STOVE | 7 |
| 2.4 | POSITIONING THE CUBE SHELL | 9 |



2.1 UNPACKING



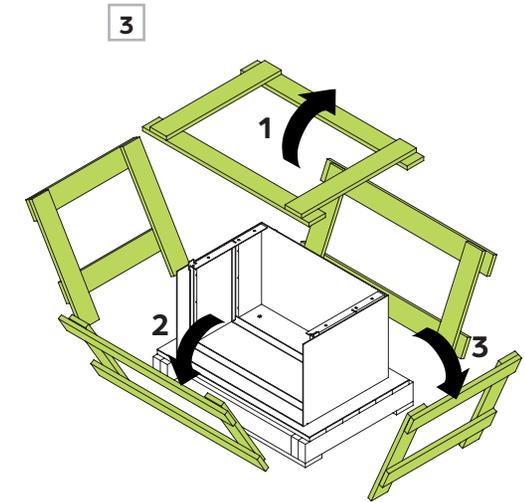
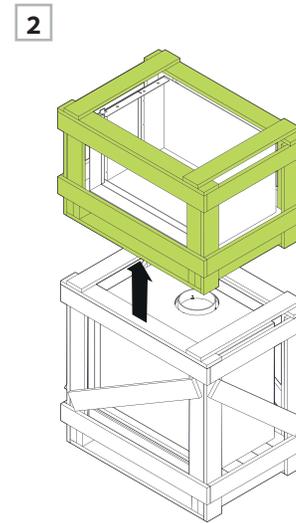
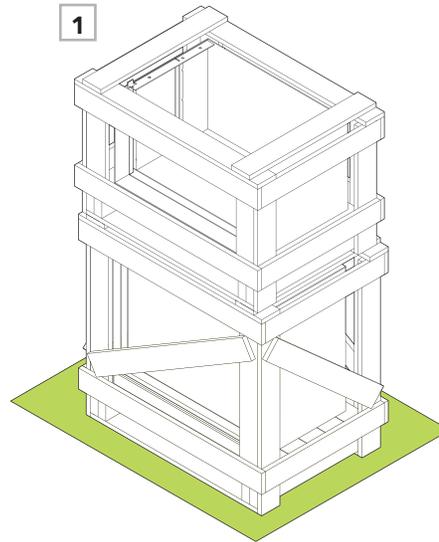
! IMPORTANT

The paint is **fragile**. Be careful not to scratch the H base with the nails in the pallet when unpacking.

Step 1 Protect the floor with a piece of cardboard or a protective fabric before unpacking the Stûv 16 and the H base.

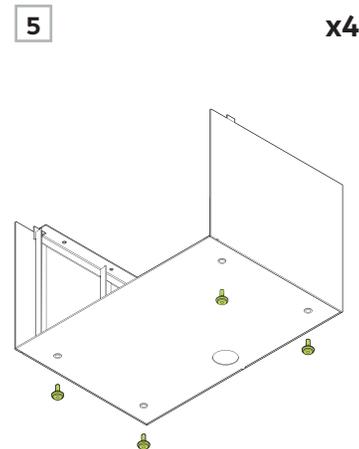
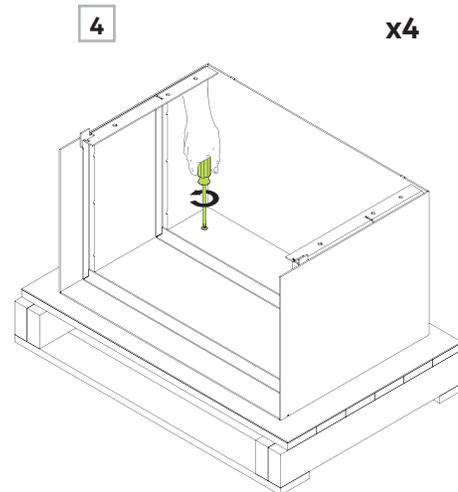
Step 2 Separate the H base pallet from the Stûv 16 pallet.

Step 3 Dismantle the pallet and check its contents against the list on page 3. You will need the Stûv 16 base plate for the next several steps.



Step 4 Remove the 4 screws securing the H base to the pallet.

Step 5 In the complementary box accompanying the Stûv 16, there is 4 leveling feet. These are to be screwed under the H base.



2.2 OPTION: OUTSIDE AIR INTAKE



! IMPORTANT

Only follow these steps if the outside air intake option was selected. If not, go to **page 8**.

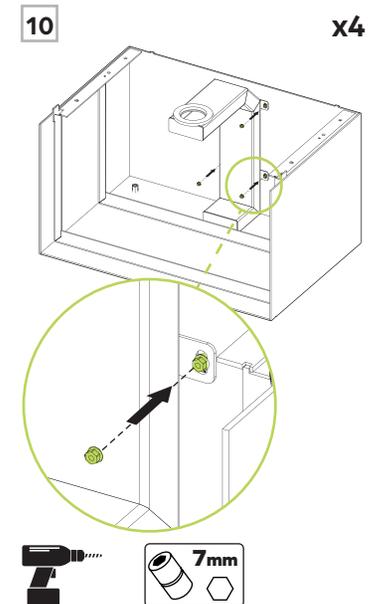
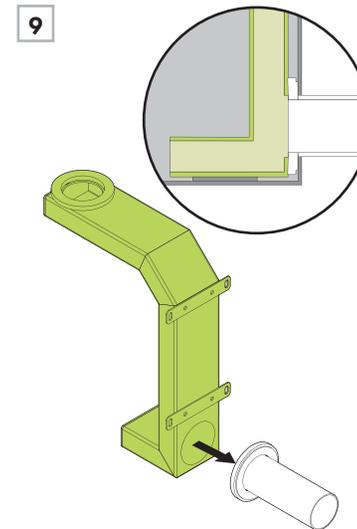
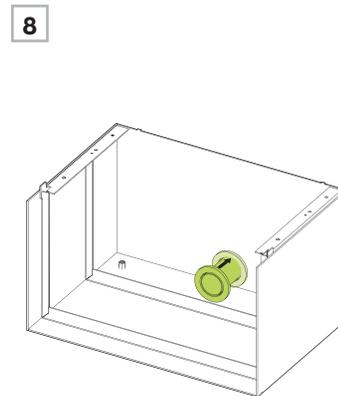
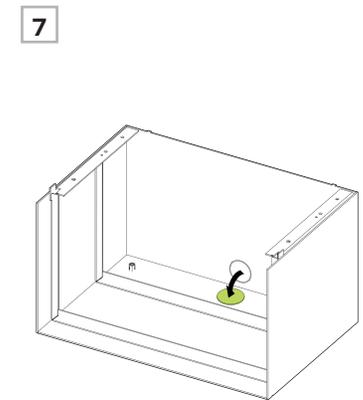
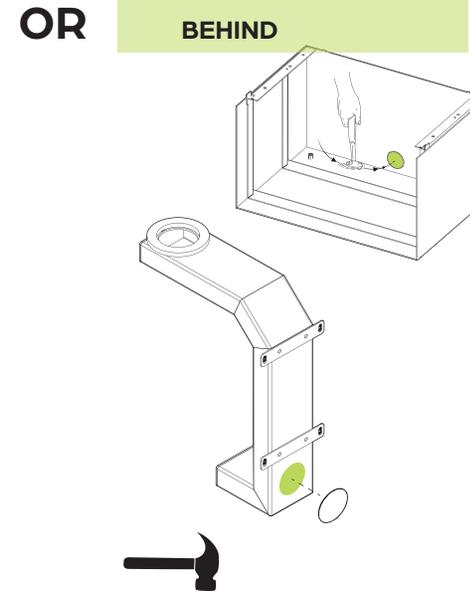
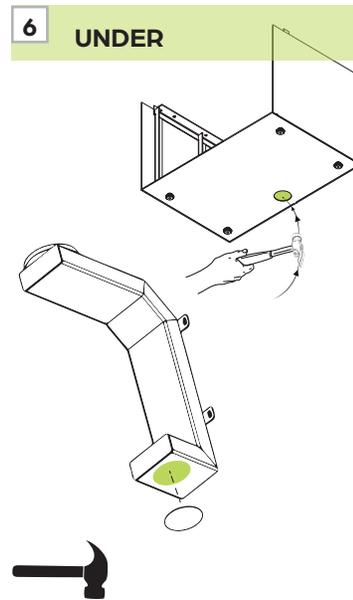
Step 6 The outside air connector can be connected either at the bottom **OR** to the back of the base. Using a hammer, knock out the pre-cut circle in the base and the air inlet channel.

Step 7 If connecting at the back, use the pre-cut circle previously removed and place it between the bottom of the air inlet channel and the bottom of the base.

Step 8 Fit the cylindrical connector into the selected opening and insert it all the way in.

Step 9 When installing the air inlet channel, make sure both the circles from the cylindrical connector and the air inlet channel are aligned. See the sectional view in the circle in Figure 9.

Step 10 Using the four (4) M4 nuts provided, attach the air inlet channel to the H base.



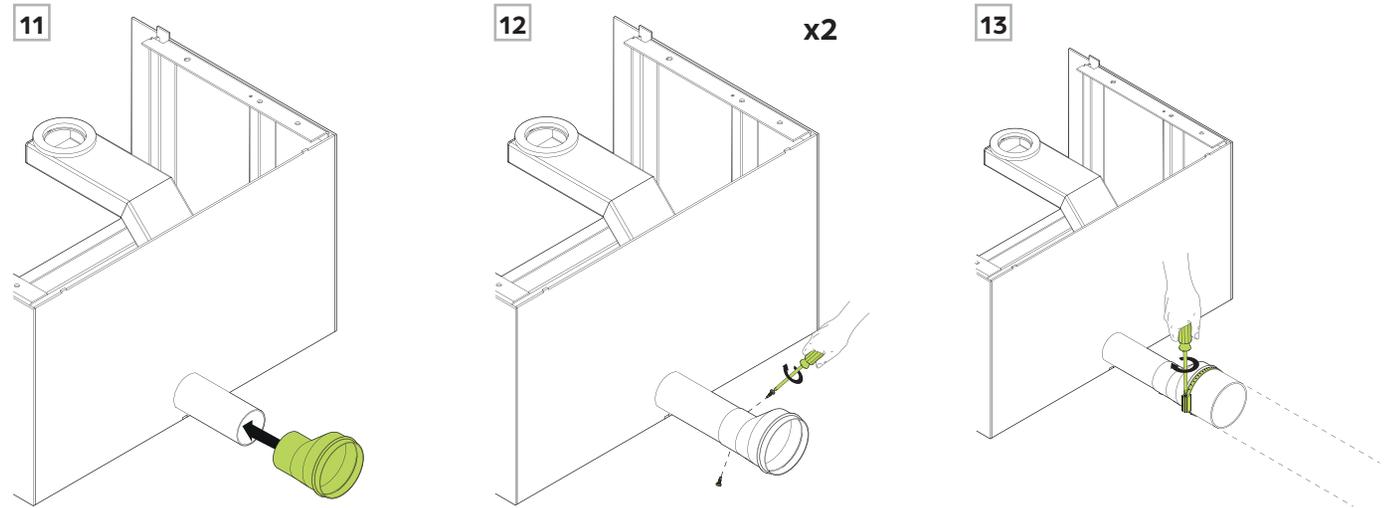
2.3 INSTALLING THE STOVE



Step 11 Slide the offset reducer onto the cylindrical connector.

Step 12 Secure the cylindrical connector and the reducer with the two self-drilling screws provided.

Step 13 Connect the offset reducer to the Ø4" outside air duct (not provided) and secure with a clamping collar.

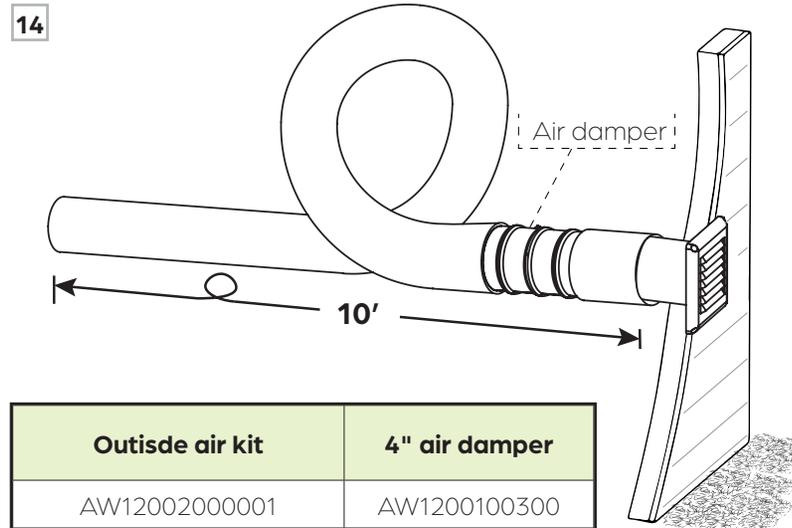


Step 14 In areas where **winter temperatures go below -10 °C / 14 °F**, it is mandatory that the duct leading to the outside air have a minimum of 10' long.

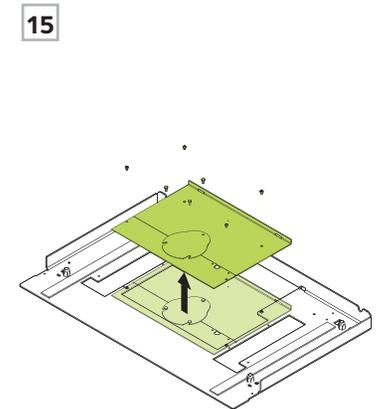
It is recommended that you form a loop with the flexible duct inside the wall.

An air damper is also recommended when installing an outside air intake.

Step 15 Remove the air traps from the Stûv 16 base plate. These items will not be used in this installation.



| Outside air kit | 4" air damper |
|-----------------|---------------|
| AW12002000001 | AW1200100300 |



2.3 INSTALLING THE STOVE



Step 16 Place the base plate on the H base. Locate the threaded holes adjacent to the leg insert notches.

Step 17 Thread the M6x16 hex bolts, but do not screw them in completely.

! ATTENTION

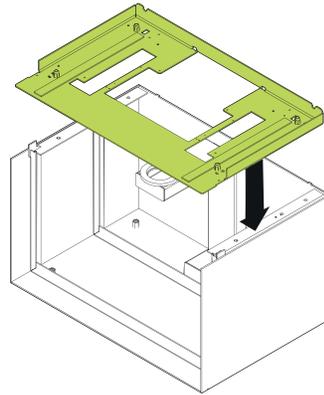
Confirm that the positioning respects all the safety standards indicated in the Stûv 16 installation manual.

The steps to follow for preparing the stove without its shell can be found in the Stûv 16-cube installation manual. Refer to this manual for instructions.

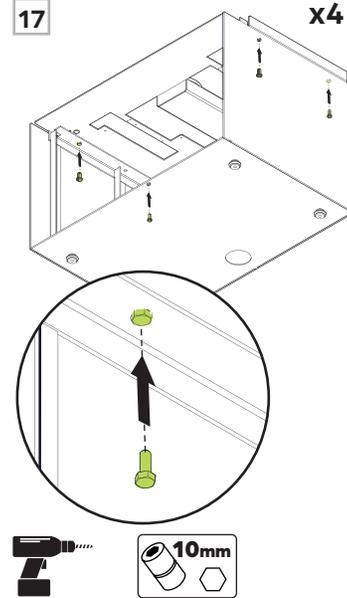
Step 18 Position the base in its final location. A final adjustment may be needed once the cube shell is in place.

Step 19 Place the stove (without the shell or door) on the base plate. Validate the positioning by checking the notches inserted in the cut-outs.

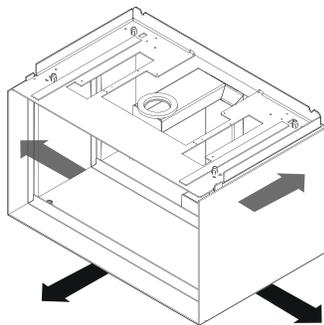
16



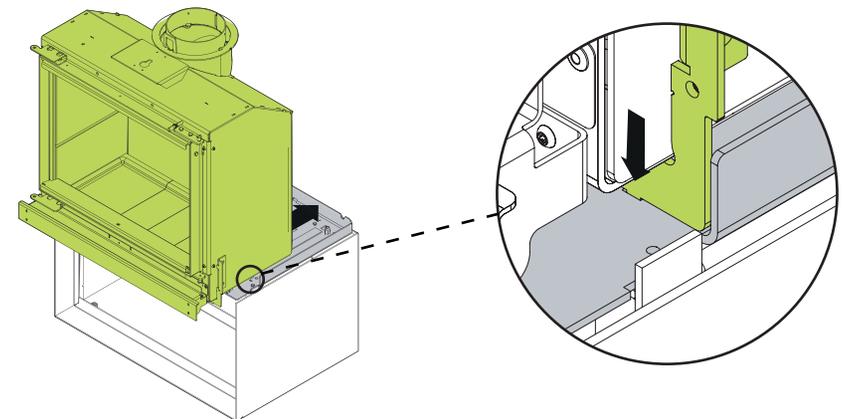
17



18



19

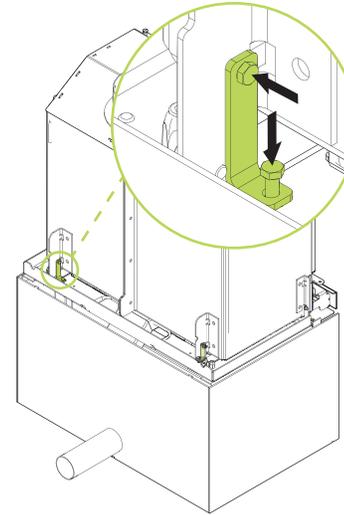
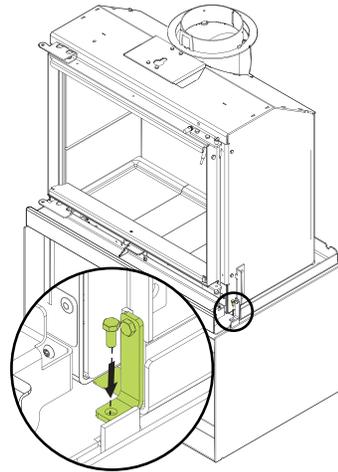


2.4 POSITIONING THE CUBE SHELL



Step 20 Using the four connecting brackets, M5x12 hex bolts and M5 nuts supplied in the complementary enclosed box, attach the stove and base plate together on all sides (front, rear, left and right).

20



CAUTION

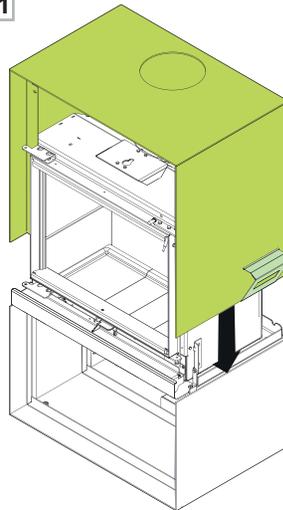
The paint is fragile!

Step 21 Use the cube handles to position the shell on the stove.

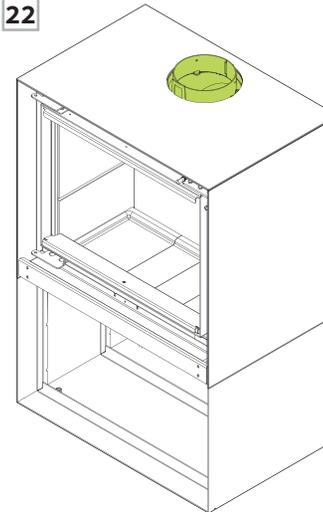
Step 22 Align the cut-out in the shell with the stove's flue.

Step 23 Secure the shell with the 4 screws in the front, starting with the lower screws.

21

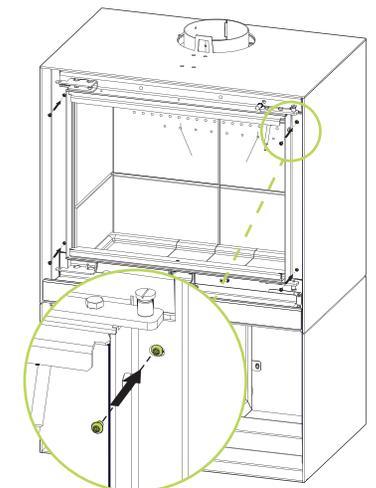


22



23

x4



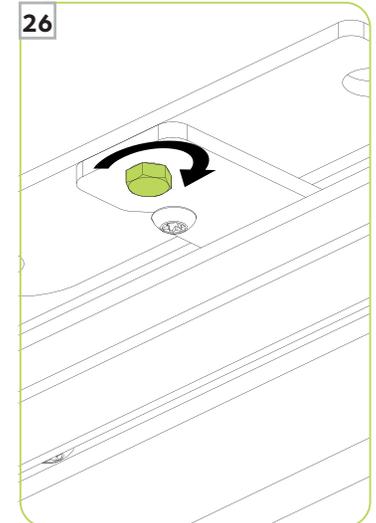
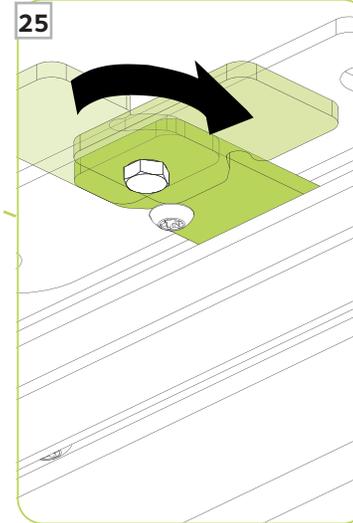
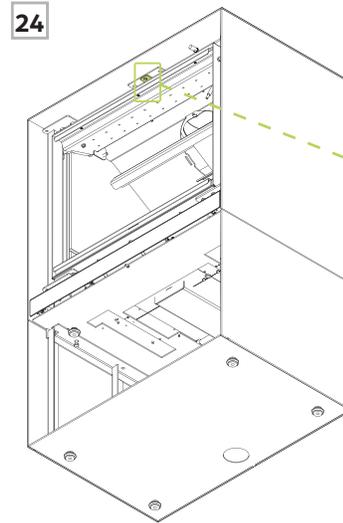
2.4 POSITIONING THE CUBE SHELL



Step 24 To secure the upper part of the shell and the stove, loosen the hex-head screw.

Step 25 Rotate the lock until it fits around the button-head screw.

Step 26 Tighten the screw.



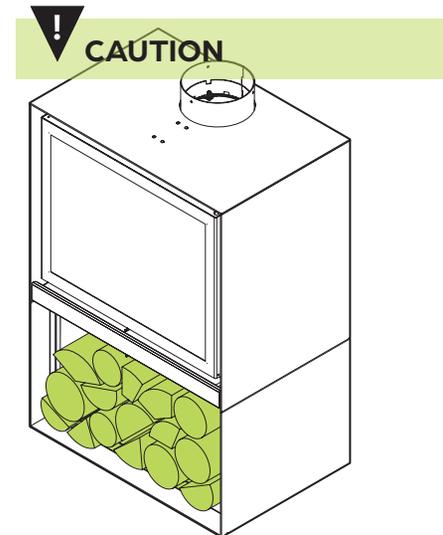
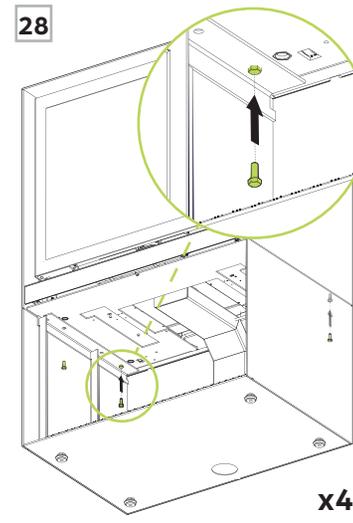
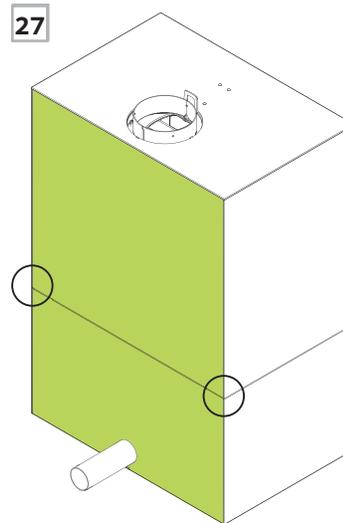
Step 27 Check the adjustment at the back of the stove: the depth and then laterally. Confirm the alignment at the front.

Step 28 Tighten the four M6 bolts under the base plate to solidify it.



CAUTION

In order to increase the safety of your installation, we recommend limiting the storage of logs to the interior area of the H base. Do not store any highly flammable material, such as paper and fire starters.





Stûv fireplaces are designed by:

Stûv sa – Belgique
stuv.com

Rue Jules Borbouse n°4 B-5170
Bois-de-Villers

And manufactured in North America by:

Stûv America inc. – Canada
stuvamerica.com

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