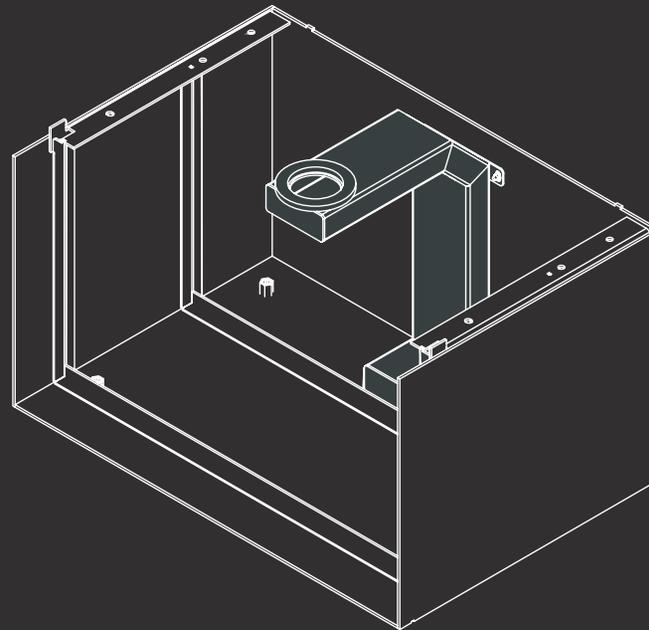


# H BASE s[16]

## INSTALLATION MANUAL



### REQUIRED TOOLS



Impact driver



Crowbar



Hammer



Cube handles



Protective fabric  
or cardboard



Ø4" Clamping collar  
and flexible duct  
**(option)**

### REQUIRED HARDWARE



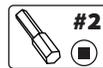
5 mm  
hex socket



8 mm  
hex socket



10 mm  
hex socket



No. 2  
square bit



Torx 20 bit

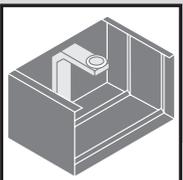


3 mm  
hexagonal bit



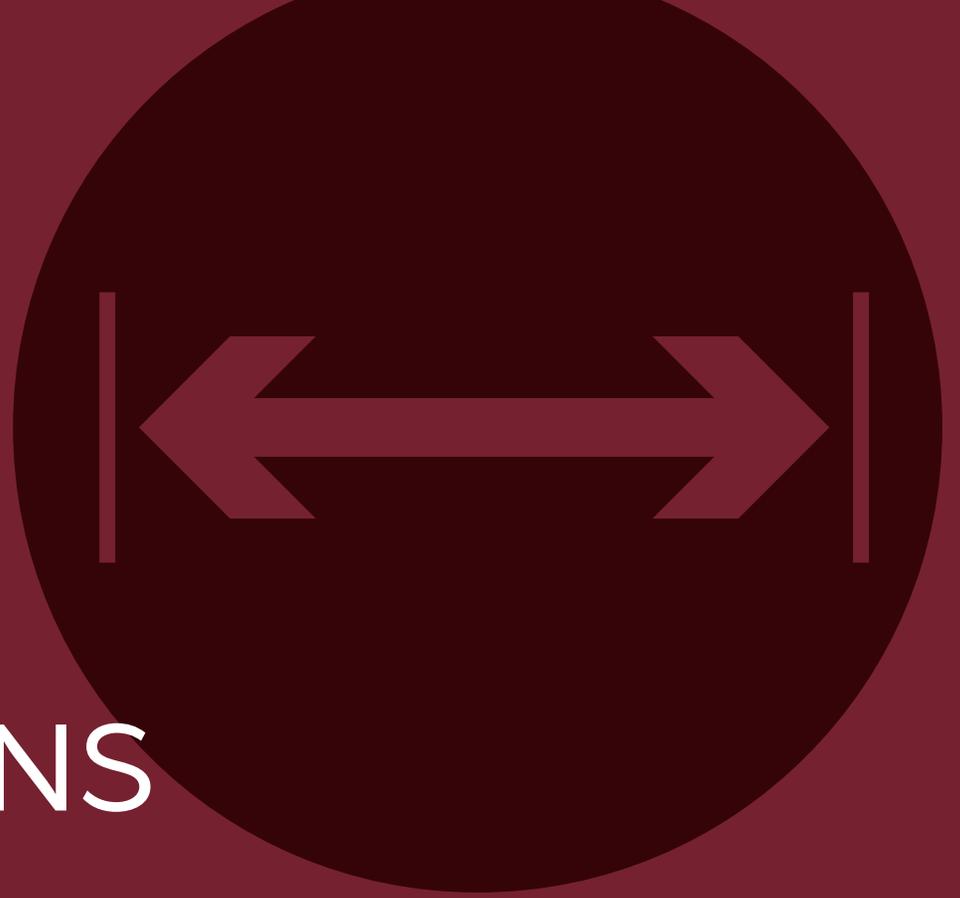
### IMPORTANT

This document is an additional manual to the **s16-cube** installation manual. For a successful installation, it is important to follow these instructions carefully. Look for this symbol in the **s16-cube** installation manual to know when to refer to this manual.



1

DIMENSIONS



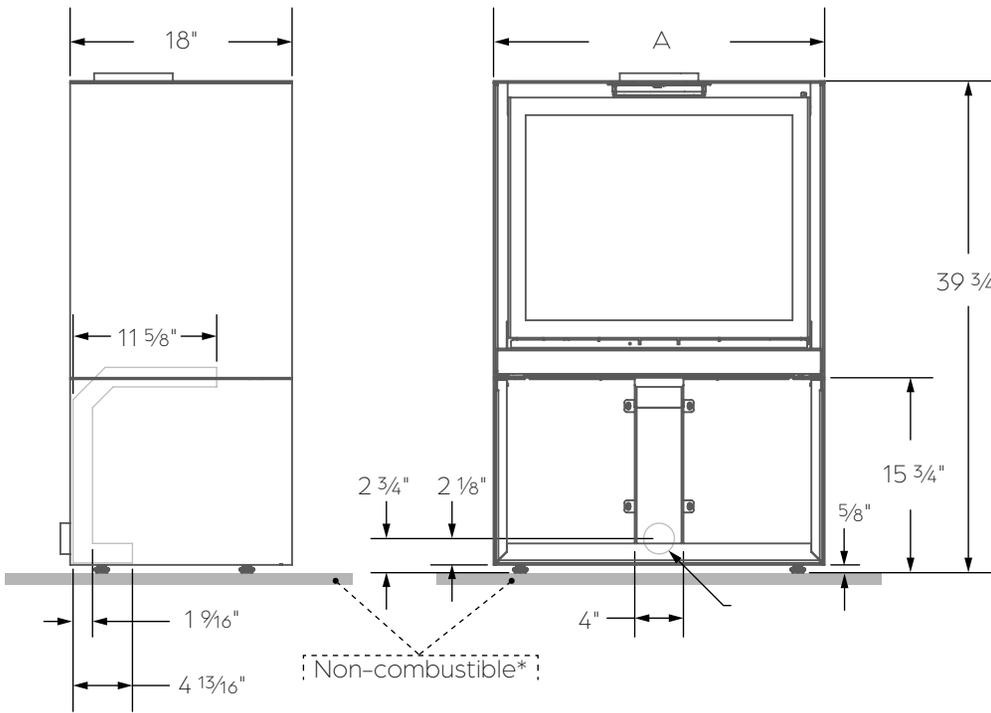
# 1.1 DIMENSIONS

# 1.2 EXPLODED VIEW



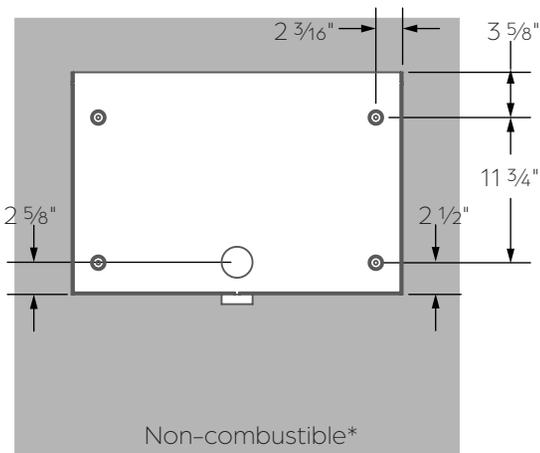
SIDE VIEW

FRONT VIEW



BOTTOM VIEW

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

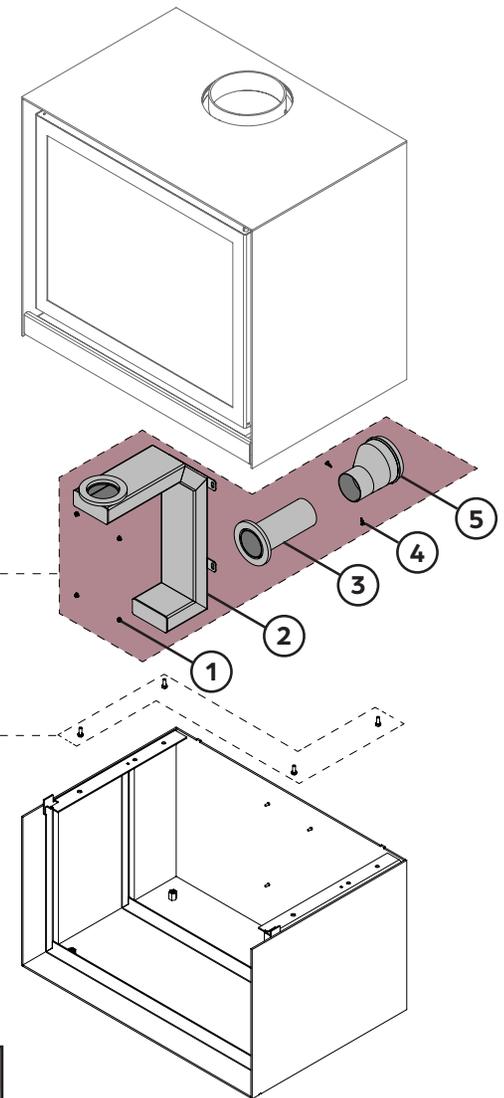


\*See 16-cube installation manual for more details.

- OPTION : Outside air kit**  
 Stûvgrey : **12002115**  
 Stûvblack : **12002114**
- 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

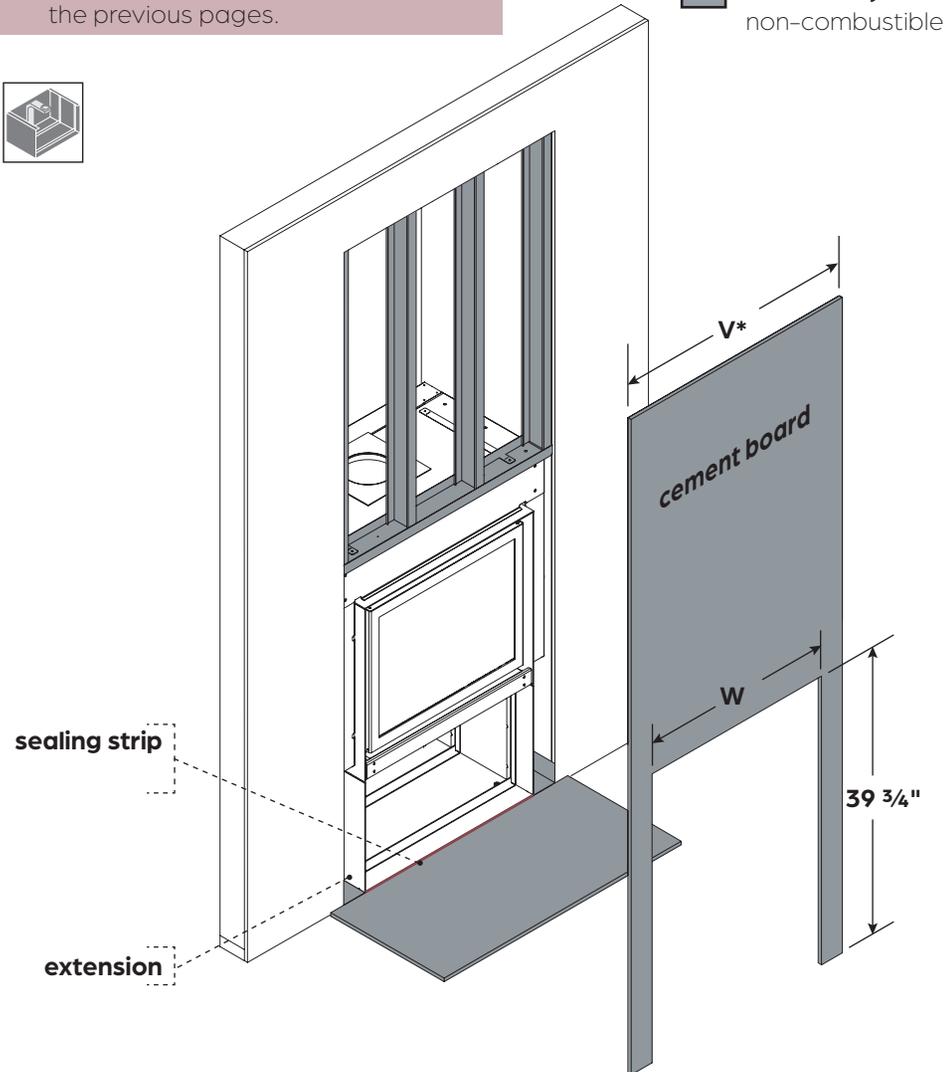


MODEL	STÛVGREY	STÛVBLACK
58	13161305	13161304
68	13161405	13161404
78	13161505	13161504

# 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.

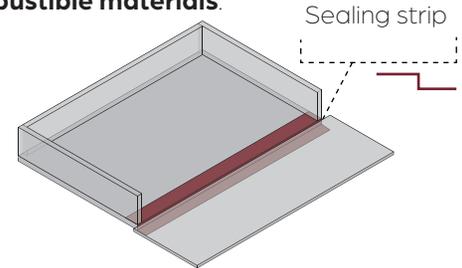


- additional**  
non-combustible
- mandatory**  
non-combustible

## 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.

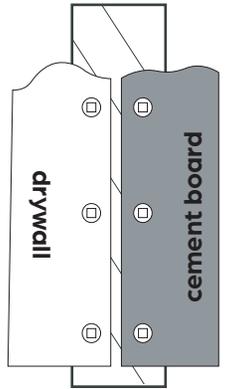
The red line on the illustration shows where to place the sealing strip.

## 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
58	29 3/16"	22 7/8"
68	33 3/16"	26 7/8"
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 .....	10



## 2.1 UNPACKING



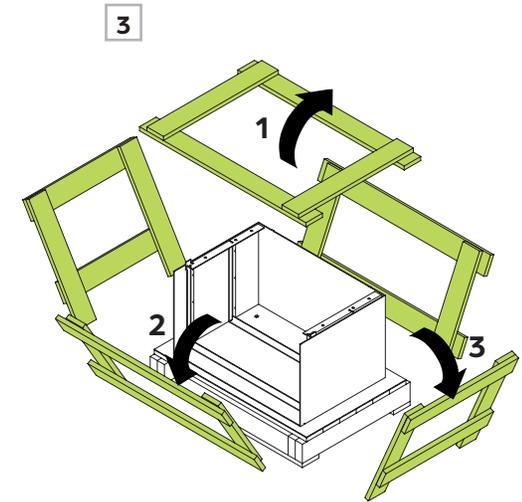
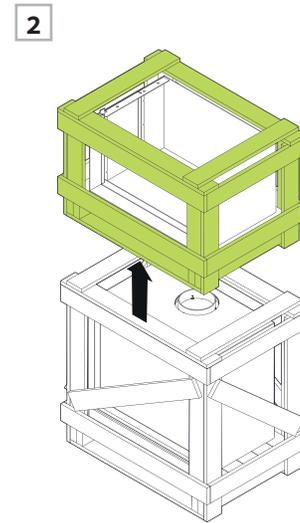
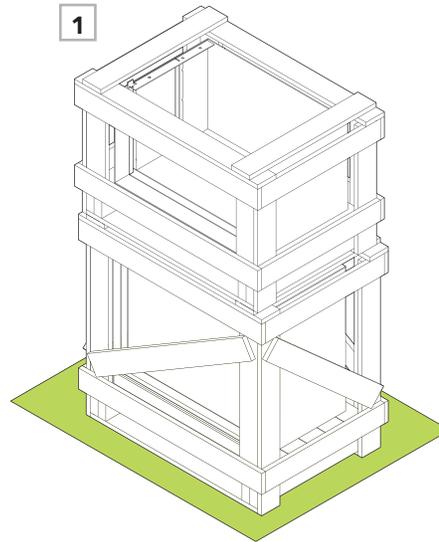
### ! IMPORTANT

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

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

**Step 2** Separate the H base pallet from the 16-cube pallet.

**Step 3** Dismantle the pallet and check its contents with the list on page 3. You will need the base plate provided with the 16-cube for the next steps.



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

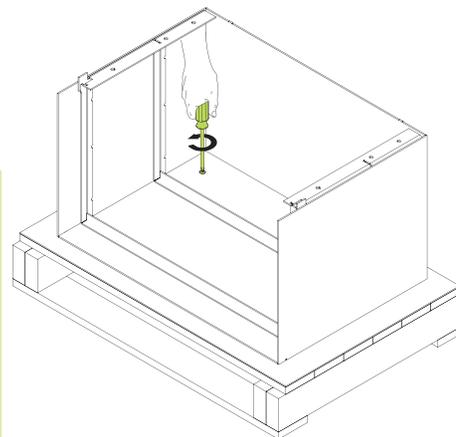
**Step 5** In the complementary box accompanying the 16-cube, there is 4 leveling feet. These are to be screwed under the H base.

### ! TRANSPORTABLE BUILDING

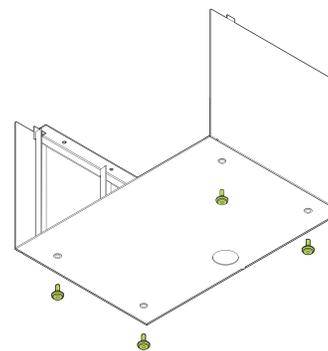
It is **mandatory to permanently secure the appliance** to its final location through the base if this stove is installed in a transportable building.

Do not insert the leveling feet if the installation is located in a transportable building.

4 x4



5 x4



## 2.2 OPTION: OUTSIDE AIR INTAKE CONNECTOR



### ! IMPORTANT

Only follow these steps if the outside air intake connector option was selected. If not, go to **step 15**.

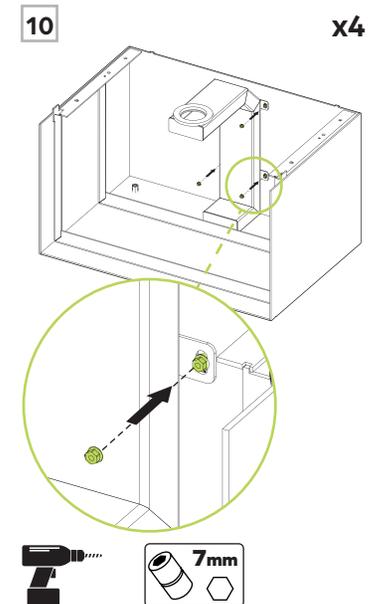
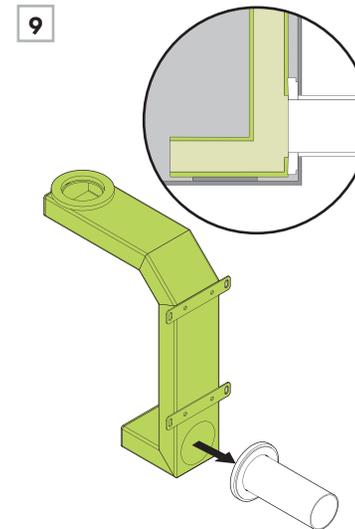
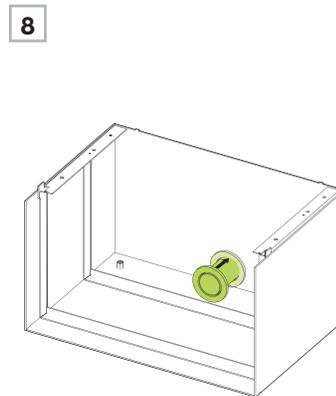
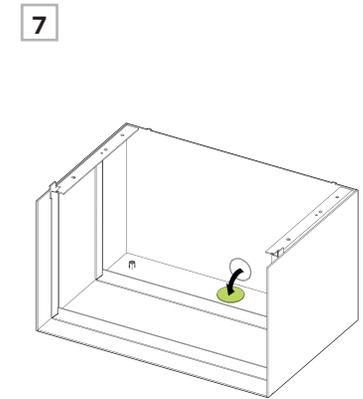
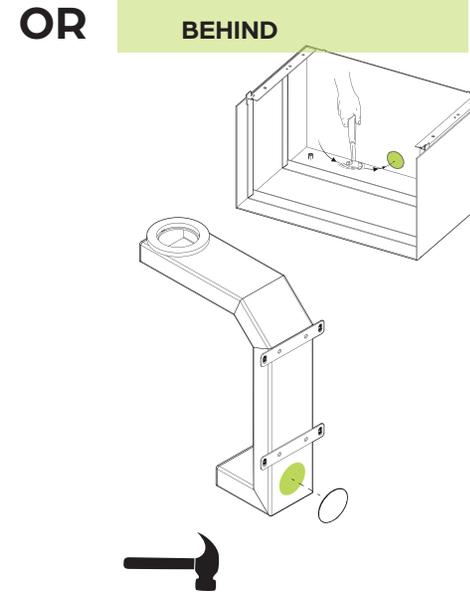
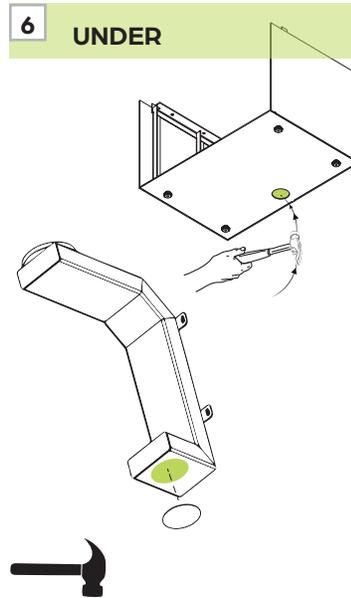
**Step 6** The outside air connector can be connected either at the bottom **OR** to the back of the base. Using a hammer, knock out the pre-cut circle in the base and the air inlet channel.

**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.



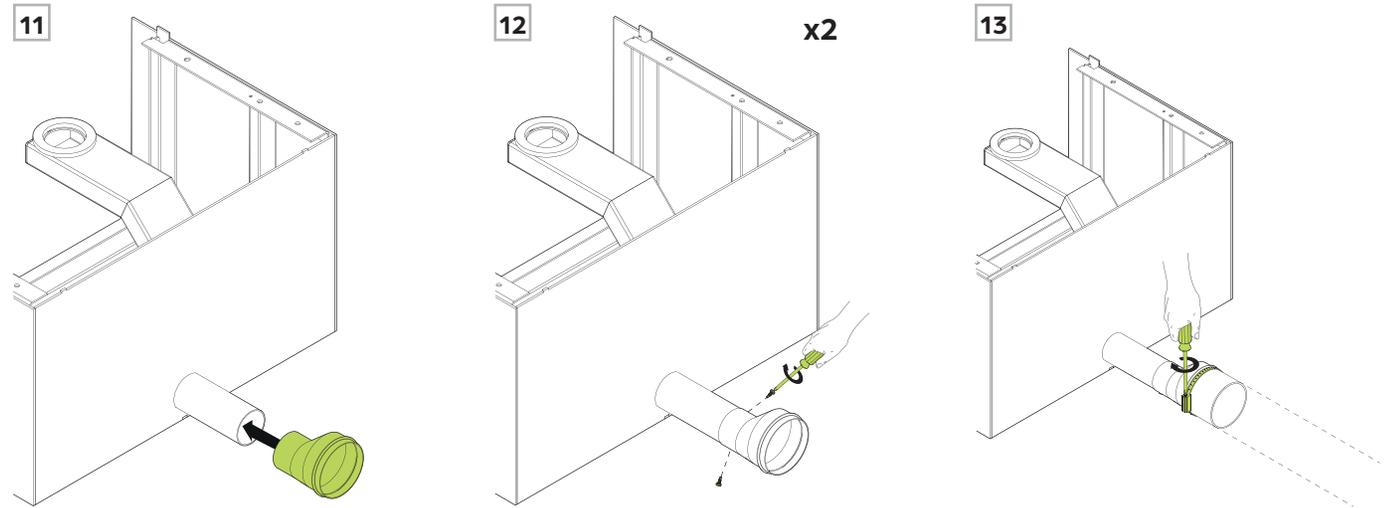
## 2.3 INSTALLING THE STOVE



**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. These parts are not provided but can be bought with the listed codes below.

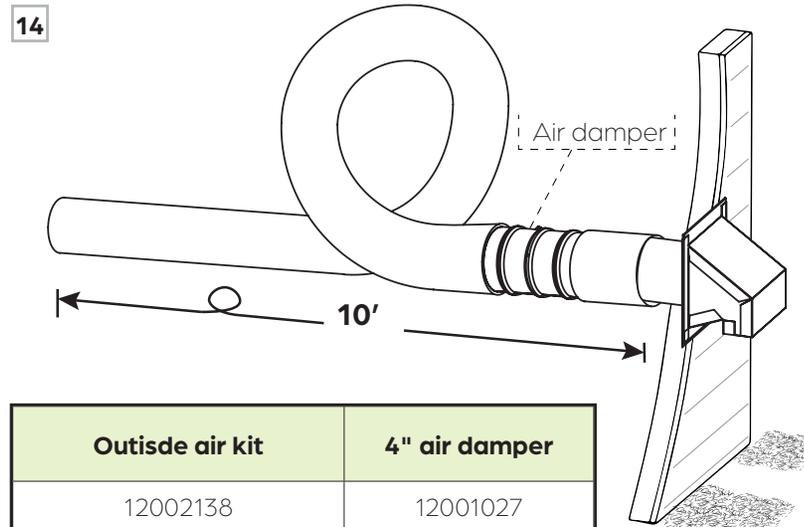


**Step 14** In areas where **winter temperatures go below -10 °C / 14 °F**, it is mandatory that the duct leading to the outside air have a minimum of 10' long.

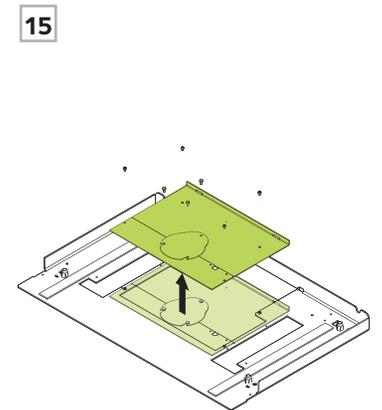
It is recommended that you form a loop with the flexible duct inside the wall.

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

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



Outside air kit	4" air damper
12002138	12001027



## 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.

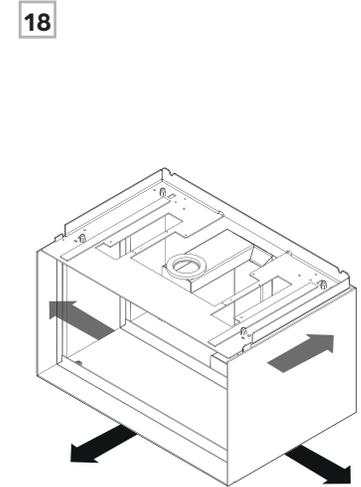
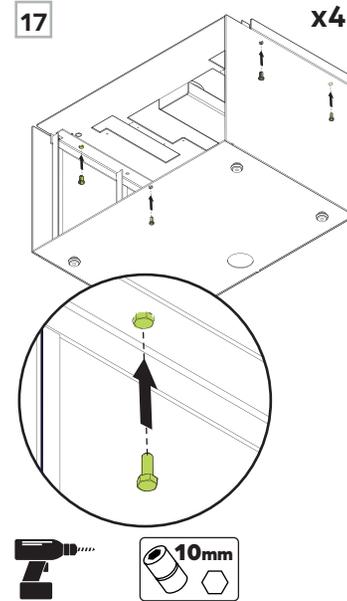
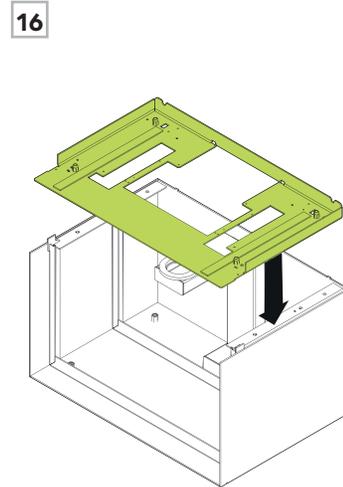
**Step 17** Thread the M6x16 hex bolts, but do not screw them in completely.

**Step 18** Position the base in its final location. A final adjustment may be needed once the combustion chamber is in place.



### CAUTION

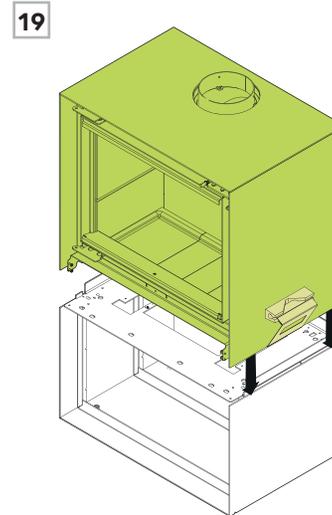
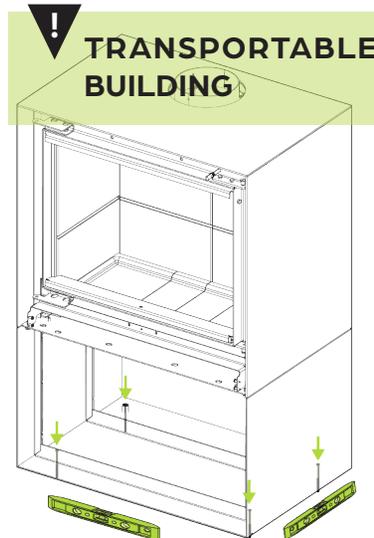
Confirm that the positioning respects all the safety standards indicated in the 16-cube installation manual.



### TRANSPORTABLE BUILDING

confirm that the ground is level. Do not install the leveling feet. Use the foot holes to secure the base.

**Step 19** Use the cube handles to place the stove (with the cube shell, without the door) on the base plate. Validate the positioning by checking the tenons inserted in the mortises.



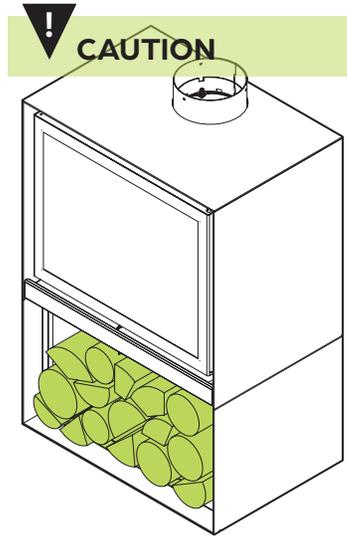
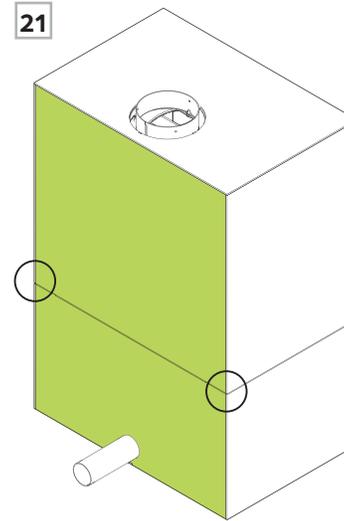
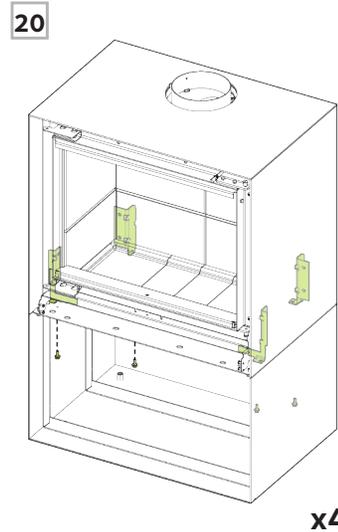
## 2.4 POSITIONING THE CUBE SHELL



**Step 20** Secure the combustion chamber to the base plate from under it with the four M5x12 hex bolts supplied in the parts and accessories box **on all sides** (front, rear, left and right). Do not tighten completely.

**Step 21** Check the adjustment at the back of the stove: the depth and then laterally. Confirm the alignment at the front.

Tighten the eight 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

34, Boulevard de l'Aéroport  
Bromont QC Canada J2L 1S6

1-514-396-3463 | 1-866-487-7888



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