FOR INSTALLATION ENGINEERS

Installation instructions Trim parts for Stûv 22 [en]

0516

This cladding has been designed to ensure maximum convenience and safety. It has been manufactured with the greatest of care. If however you should find the slightest dissatisfaction with it, please contact your supplier.

We recommend that you read these instructions prior to installation.

Some configurations might have an impact on the sequence of operations to be performed.

This notice illustrates the installation of the A4 frames, L4 frames to be trimmed, the DS and DH front panels as well as the frameworks to be trimmed. For the installation of other frames please refer to the stove installation instructions.

Contents

GENERAL INFORMATION

Recommendations	4
Precautions for trim materials	4
Removing the door	5

A4 FRAME **7**

Dimensions of the A4 frame	7
A4 frame dimensions	7
Installation constraint – Partition thickness	7
Nuts required	8
Position and dimensions of the cut in the panel	8
Installing the pre-frame	8
Refitting the door	9
Repositioning the catch and positioning the door frame	10
Fitting the trim frame fixing feet	11
Installing the frame on the stove	11

L4 FRAME TO BE TRIMMED **12**

L4 frame dimensions	12
Dimensions of the L4 frame trim parts	12
Precautions for installation of the device	13
Screws required	13
Attaching hooks to the trim panels	14
Fitting fastening lugs onto the door side panels	15
Fitting the frame onto the stove	16
Refitting the door	16
Fitting the finishing side panels	17
Fitting the finishing trim panels	18

Contents

DS	**19**
Dimensions of the DS front panel	19
Recess dimensions	19
Height of the stove	20
External air intake connection (option)	20
Screws required	20
Installation	21
DH	**26**
Dimensions of the DH front panel	26
Recess dimensions	26
Precautions for installation of the device	27
External air intake connection (option)	27
Dimensions of the DH front panel trim parts (only if finish is "to be trimmed")	28
Height of the stove	28
Screws and fastenings needed to fit the framework	29
Hardware needed to fit the Stûv finishing trim panels	29
Hardware needed to fit the "to be trimmed" finishing trim panels	29
Fitting the framework	30
Fitting the Stûv finish	31
Fitting the "to be trimmed" finish	33
FRAMEWORK TO BE TRIMMED	**37**
Dimensions of the framework to be trimmed	37
Dimensions of the trim parts for the framework to be trimmed (optional)	37
Precautions for installation of the device	38
External air intake connection (option)	38
Framework covering	39
Height of the stove	40
Insulation	40
Screws and fastenings needed to fit the framework	41
Hardware needed to fit the Stûv finishing trim panels	41
Hardware needed to fit the "to be trimmed" finishing trim panels	41
Installation	42
Fitting the Stûv finish	44
Fitting the "to be trimmed" finish	45
MAINTENANCE	**48**
CONTACTS	**49**

GENERAL INFORMATION

Recommendations

Read the installation instructions and directions for use before installation and actual usage.

Also adhere to your stove's directions for use.

We strongly recommend you entrust the installation of this Stûv cladding to a qualified professional.

Once the cladding has been installed, hand these instructions over to the user.

Signing the delivery forms signifies that you accept the product and acknowledge that the merchandise is compliant with the merchandise ordered. It is therefore very important to check the integrity of the merchandise on delivery.

Adhere to the maintenance guidelines.

Any modification made to this cladding may create the risk of danger. Furthermore, it will also exempt it from the guarantee cover.

The installation of the stove, its accessories and surrounding materials must meet all regulations (local and national) and all standards (national and European).

Precautions for trim materials

The frame trims L4, DH and the Stûv 22 frame to be trimmed can be trimmed in a material of your choice. The material used can even be combustible but in this case, please make sure that the instructions for insulating the stove, the recess and/or the trim are followed strictly.

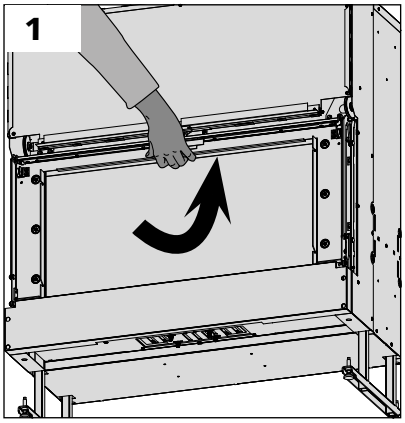
The choice of material is free; however, the latter can rise to a temperature of 85°. It is advisable to ensure that the finish element can withstand this temperature **both in terms of its structural integrity and the risks of harmful emissions.**

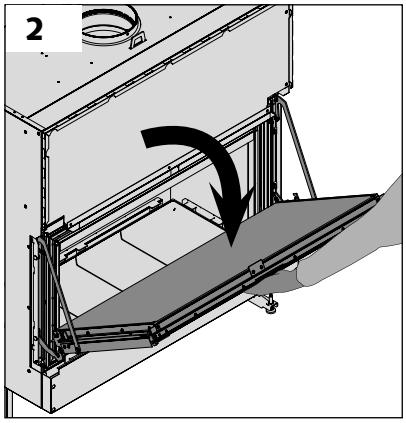
NB: A Stûv 22 may only be trimmed using compatible trim systems, installing the Stûv insulation kit on the unit and following the instructions for each trim system.

It is imperative not to exceed the maximum limit of wood consumption per hour to prevent overheating of the appliance. This limit is specified in the Stûv 22 installation instructions.

Follow the rules (local and national standards and regulations) for decompressing the chamber where the appliance is installed.

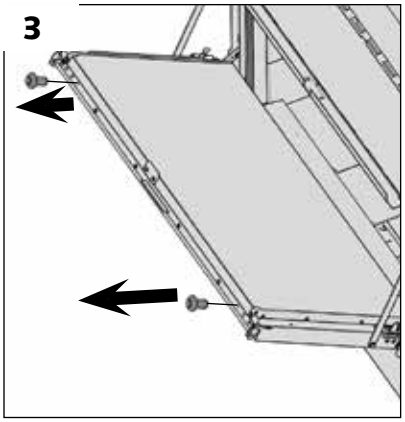
Removing the door

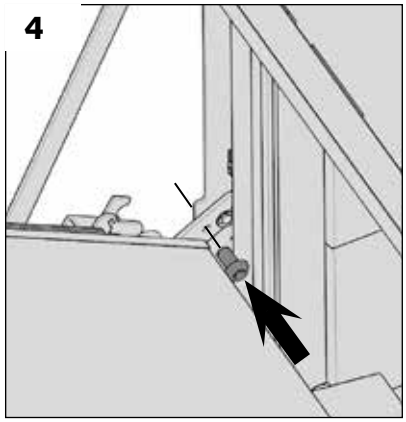


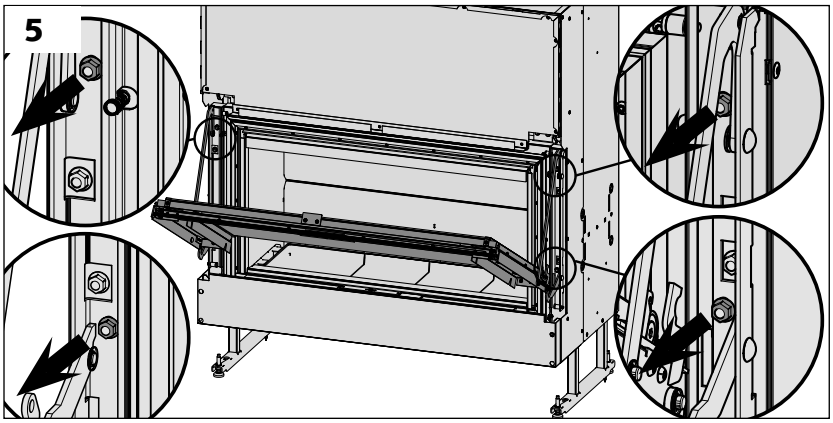


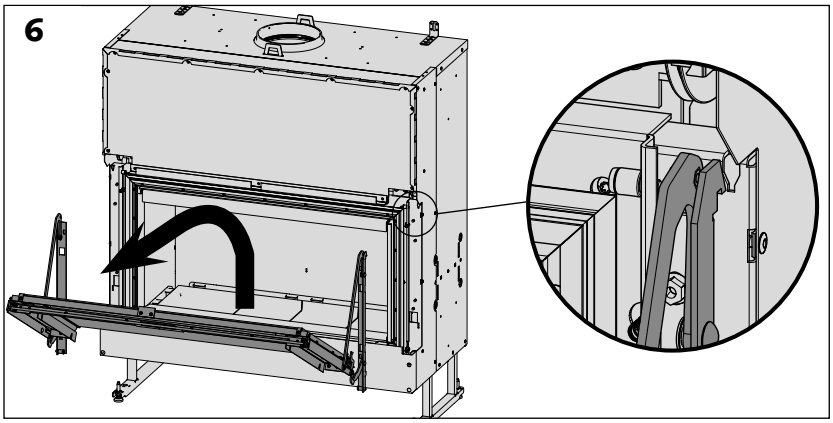
All Stûv 22 finishes are installed on the stove, just behind the door. The first stage is therefore the removal of the door.

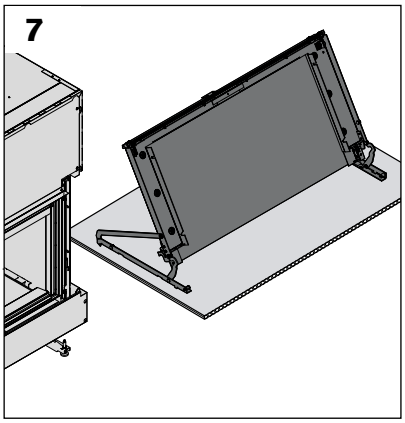
To make it easy to move the Stûv 22, we recommend that the device's door is uncoupled.
By doing this, you will lighten the weight of the device and avoid any damage to the glass.



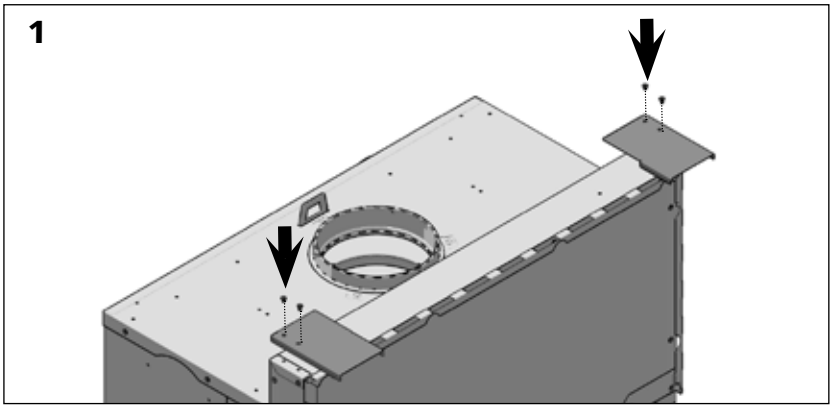


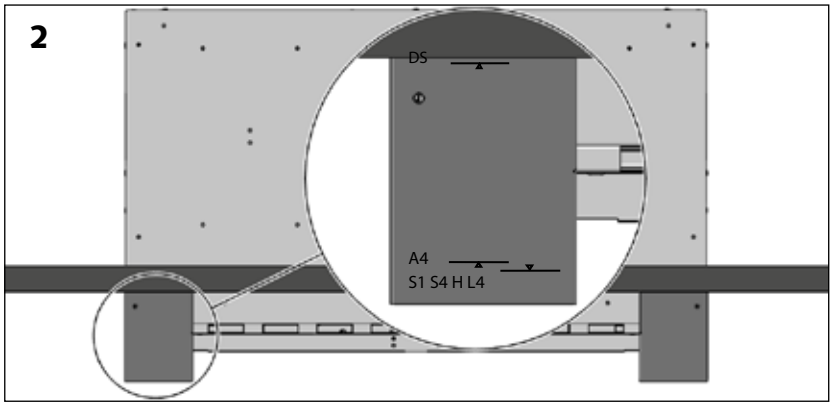






Assembly templates





The assembly templates enable the position of the partition to be determined relative to the stove depending on the cladding chosen.

> Fit the templates to the stove using the taptite screws provided [diagram 1].

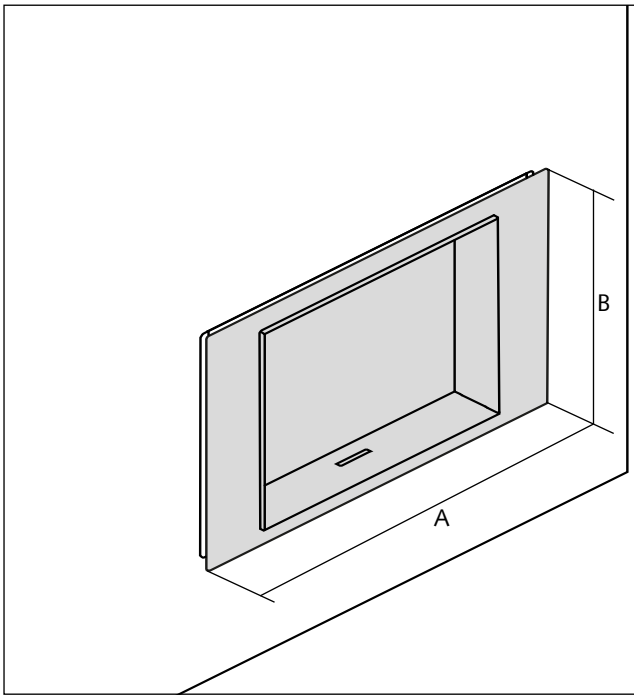
> position and level the stove.

> use the templates to assemble the partition or to adjust the position of the stove in the recess depending on the trim chosen.

Position the stove so that the partition is aligned with the reference point, triangle visible [diagram 2].

A4 FRAME

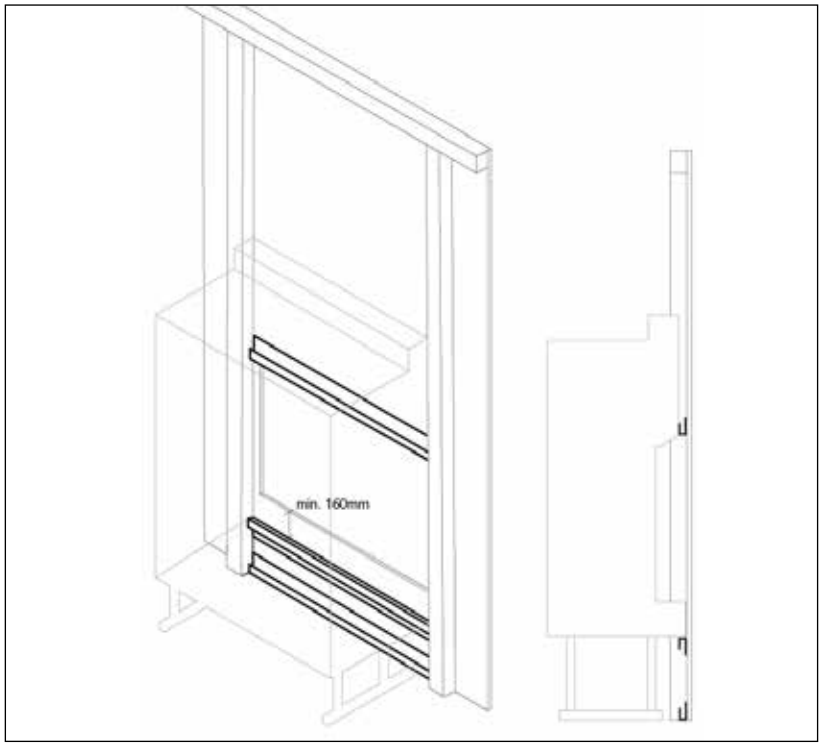
Dimensions of the A4 frame



	22/70	22/90	22/110
A	780	980	1180
B	749	678	578

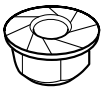
Installation constraint – Partition thickness

A4 frames can only be used with slim-line partitions.



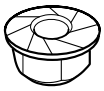
Use of the A4 frame involves positioning the stove relatively close to the partition. Ceiling-type profiles (metalstud) of maximum thickness 27 mm and panels of maximum thickness 15 mm must, therefore, be used around the unit.

Nuts required



B
X 4

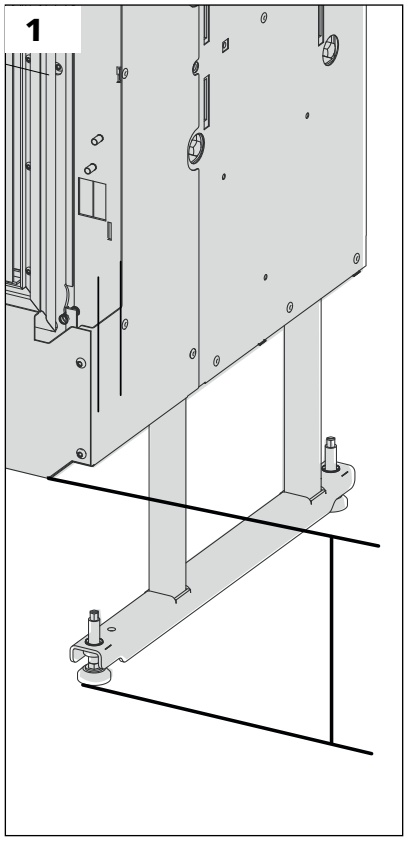
Hexagonal nut M5
52113021

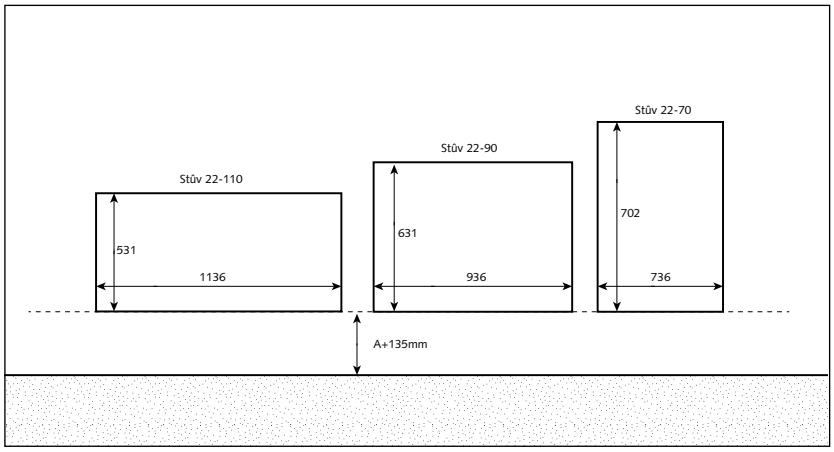


C*
X 4

Hexagonal nut M6
52113022
*Supplied with the stove

Position and dimensions of the cut in the panel

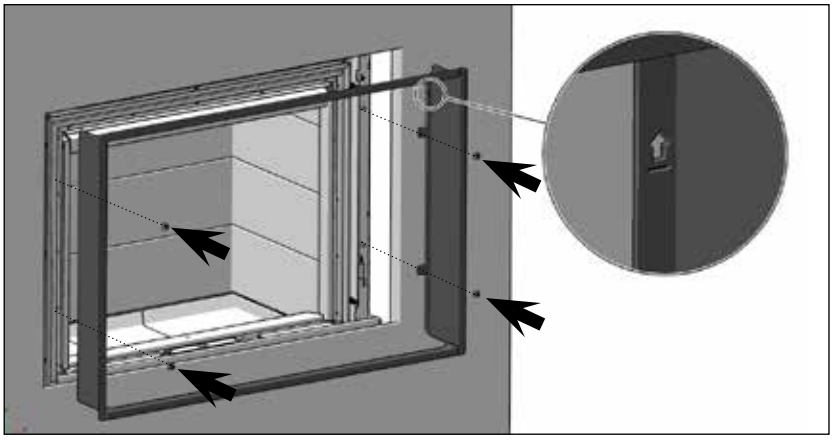




> Position your stove in relation to the partition using the assembly template and adjust to the required height. Measure the distance "A" [diagram 1] and add 135 mm to this to give the height of the bottom of the cut relative to the floor.

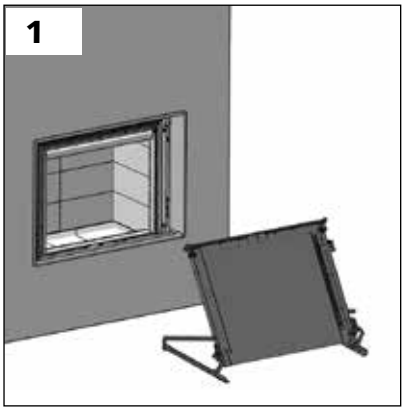
> It is preferable to make the cut in a panel in a single piece.

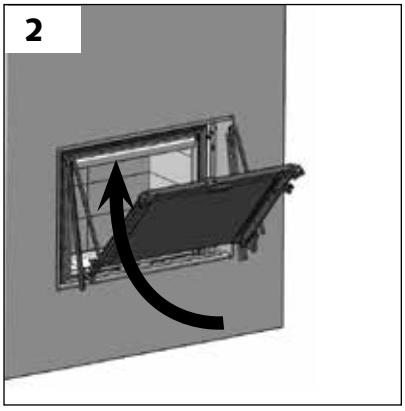
Installing the pre-frame

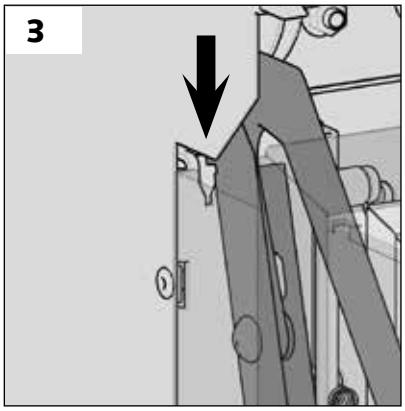


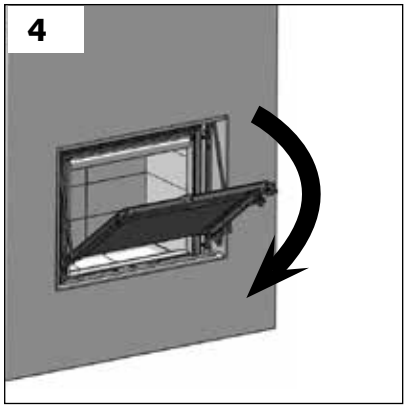
> Once the stove is in place and the partition installed, position the pre-frame.

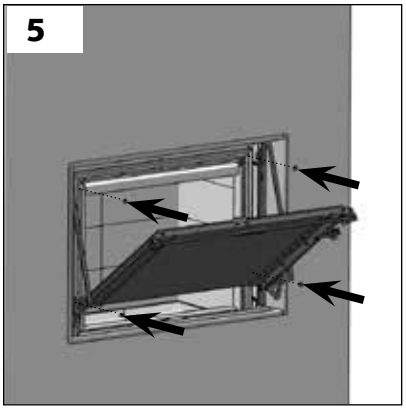
Refitting the door

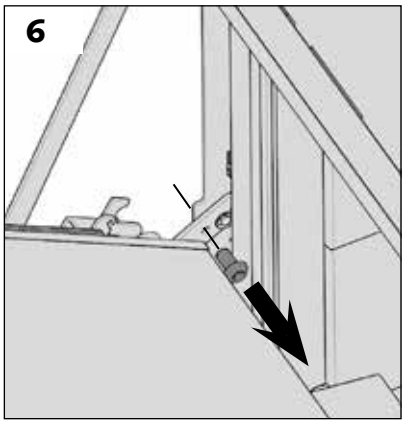


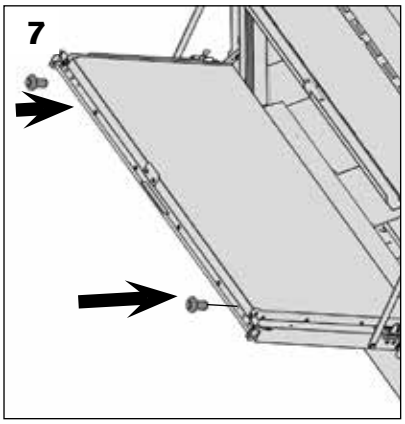




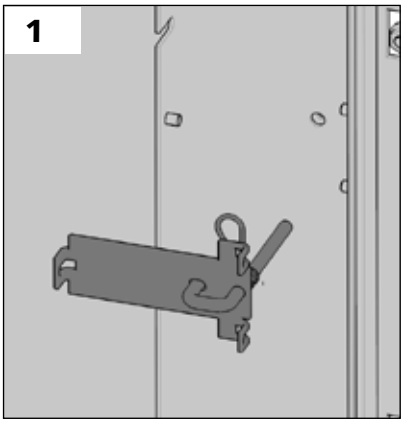


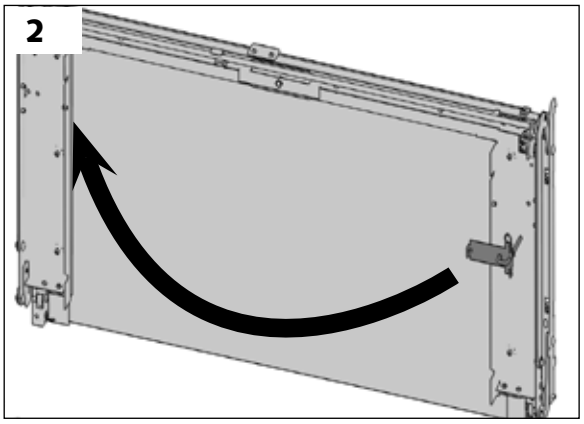


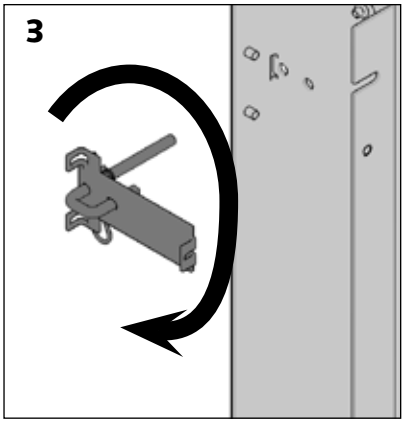


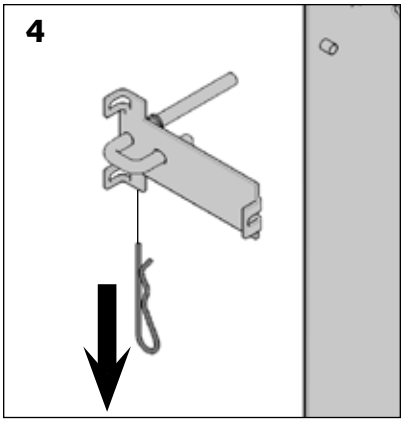


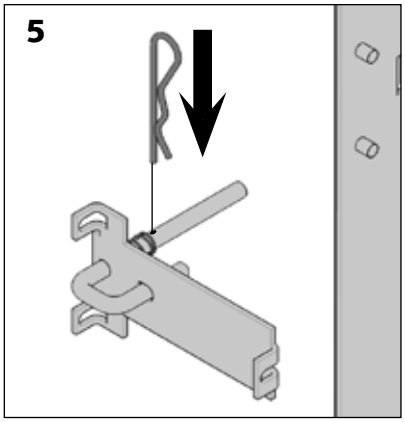
Repositioning the catch and positioning the door frame

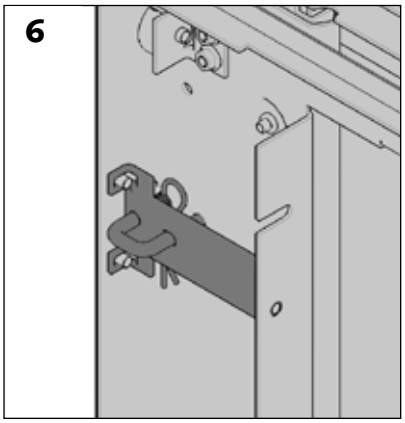


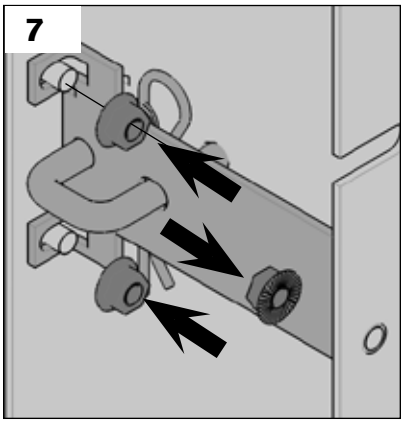


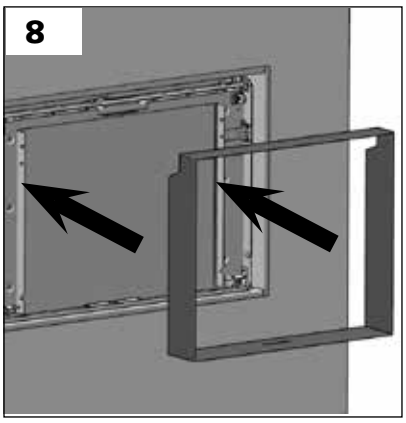


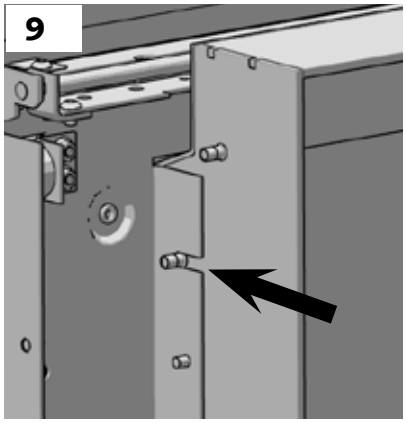


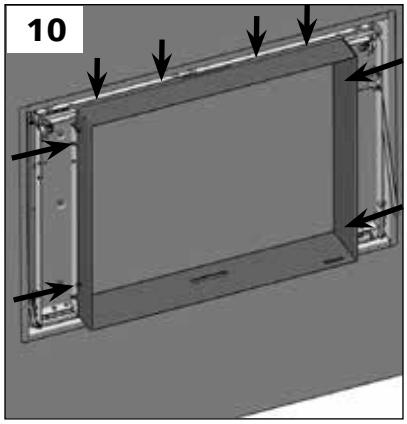










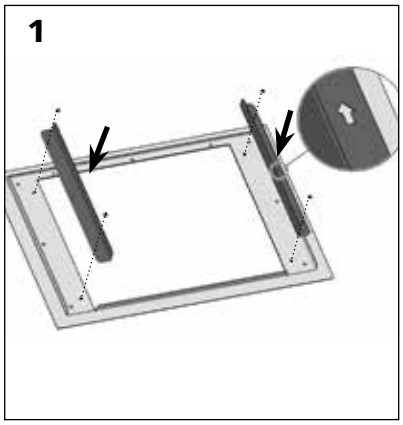


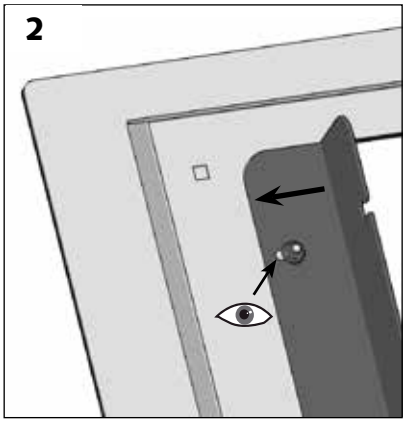
> Change the position of the door catch [diagrams 1-7].

> Position the door frame and check that it is fully seated in the notches in question [diagram 9].

> Attach the frame to the door (2 screws on each side, 4 screws at the top) [diagram 10].

Fitting the trim frame fixing feet



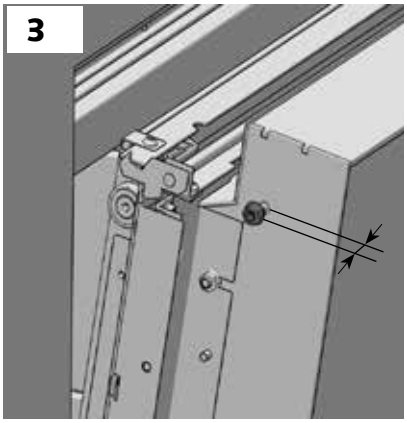


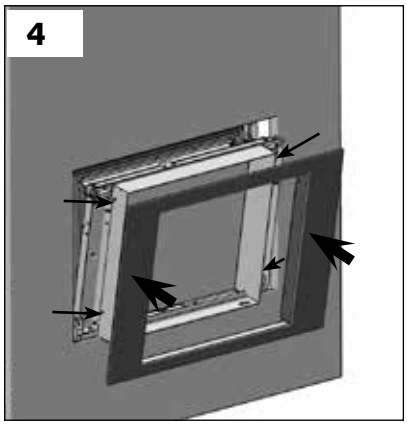
> Position the trim frame fixing feet [diagram 1].

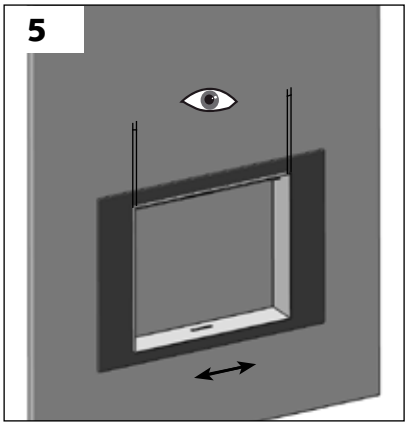
> Do not tighten the screws completely so that the feet can be adjusted subsequently.

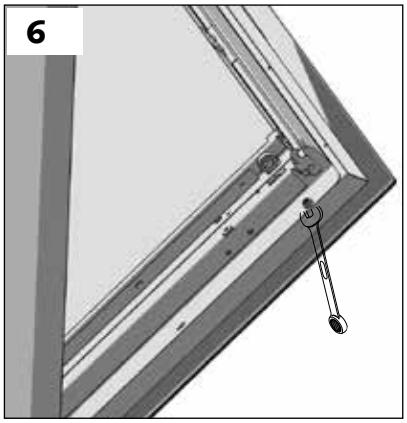
> Take the feet out as wide as possible in order not to scratch the door frame when put in place [diagram 2].

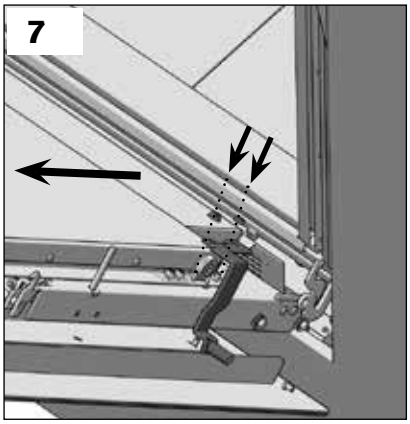
Installing the frame on the stove











> Half-open the door and half-unscrew the 4 screws [diagram 3].

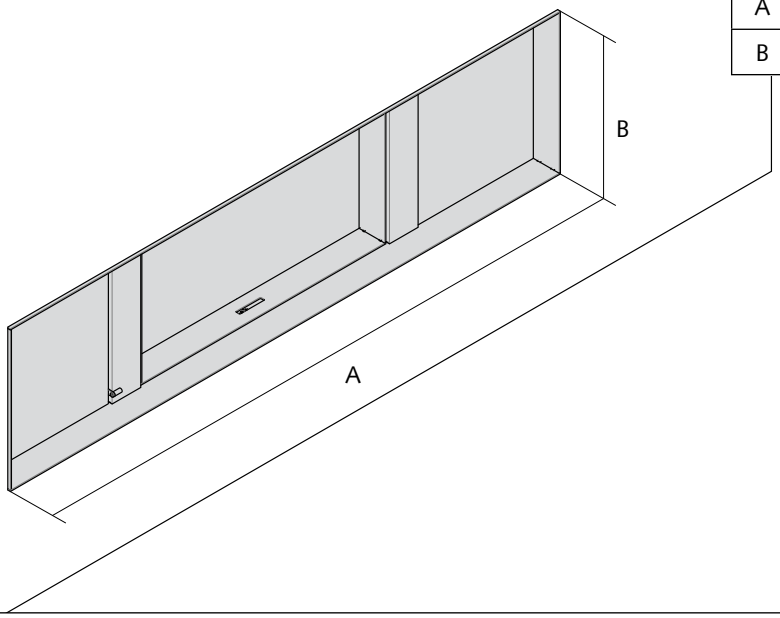
> Install the trim frame and tighten the 4 screws [diagram 4].

> Check the alignment of the door frame and trim frame [diagram 5] then tighten the fixing feet in their final position using a key [diagram 6].

> Lift the glass door slightly to install the handle [diagram 7].

L4 FRAME TO BE TRIMMED

L4 frame dimensions



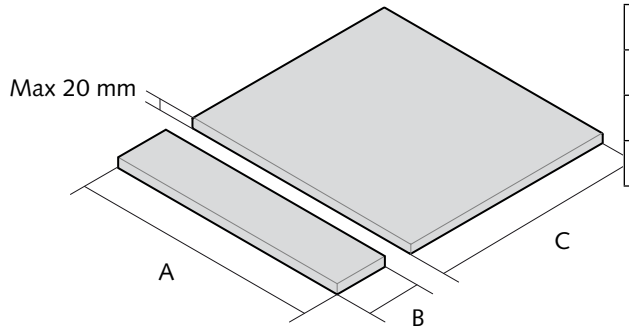
	22/70	22/90	22/110
A	/	1970	1970
B	/	605	505

The dimensions "A" and "B" are for the frame after completion.

Warning! Add at least 10mm for the width and 100mm for the height to slide the frame into position.

"Masonry"-type finish work is required on the 4 sides of the frame.

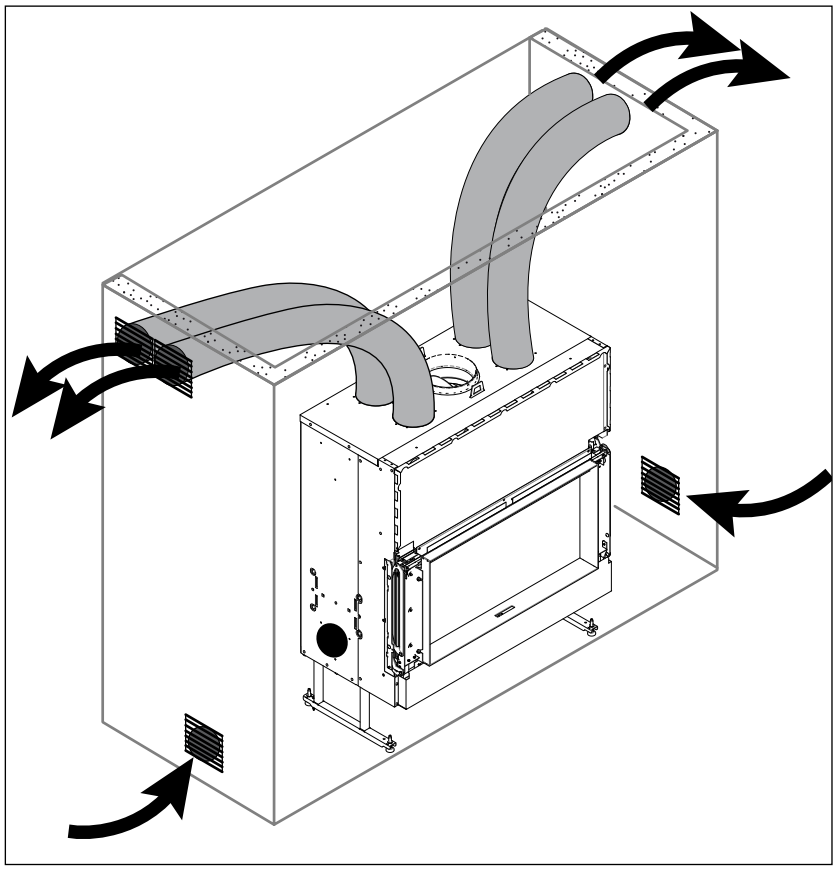
Dimensions of the L4 frame trim parts



	22/70	22/90	22/110
A	/	571	471
B	/	101	101
C	/	514	414

X2

Precautions for installation of the device



For the installation of a customised trim on an L4 frame, the following instructions must be observed for installation of the Stûv 22:

> Open 3 inlet convection vents (unless a fan is installed)

> Open 4 outlet convection vents

> Tube the convection outlet

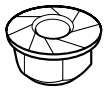
> Provide an entry into the recess with a cross-section of at least 400 cm²

> The air from the convection circuit must be blown through non-adjustable grids

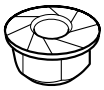
> If the trim material is flammable, you will also need to ventilate the alcove (200cm² section)

Warning!
The wall and preferably the ceiling where the convection outlets are installed must be made of noncombustible materials.

Screws required



B
X 8
M5 hexagonal nut grooved washer
52113021



C*
X 4
M6 hexagonal nut grooved washer
52113022
*Supplied with the stove



D
X 4
Torx screw M5X8
52123004

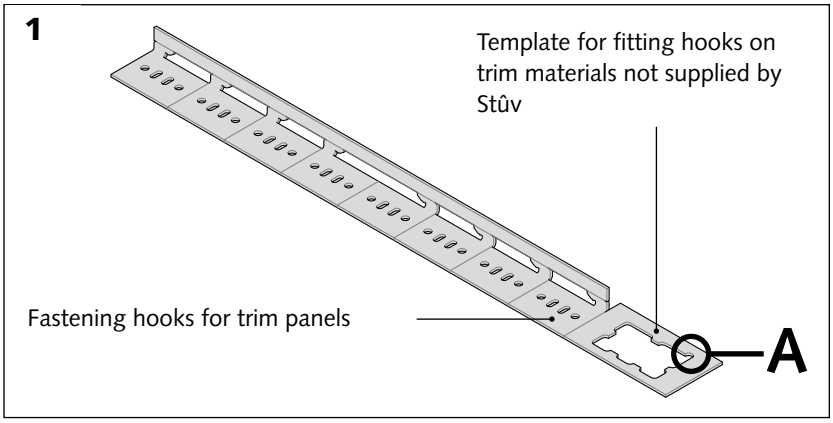


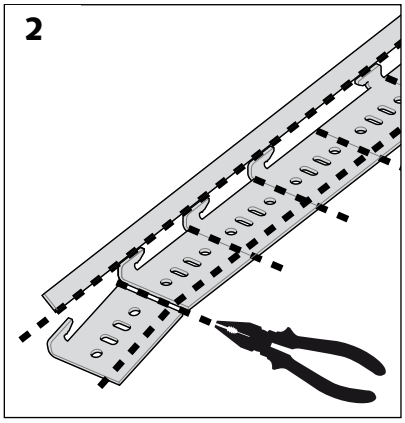
E
X 4
Torx screw M5X10
52123012

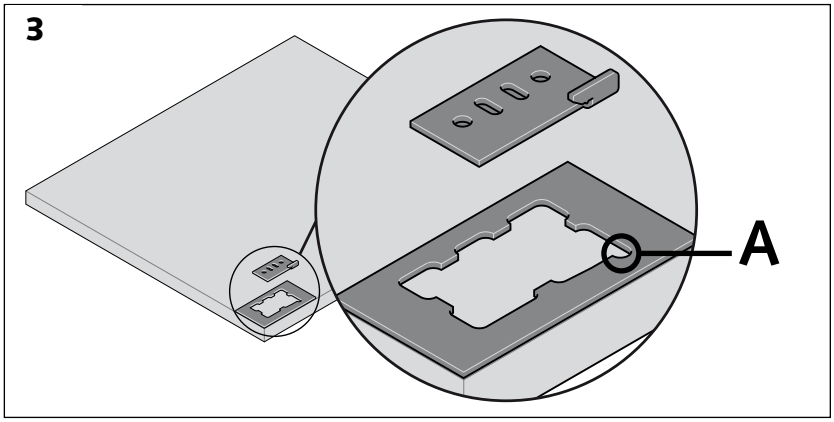
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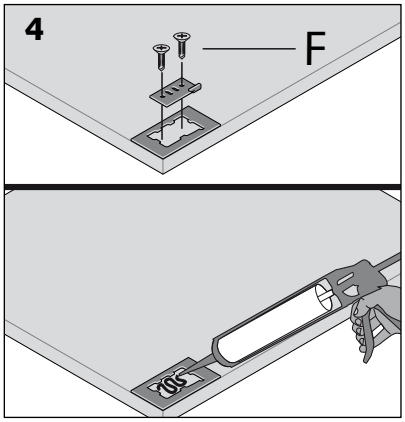
F
This hardware depends on your choice of material and therefore is not provided with the panel.

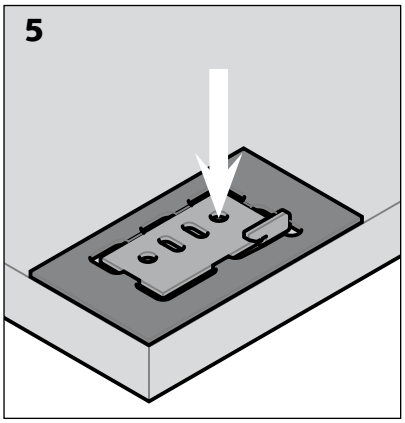
Attaching hooks to the trim panels

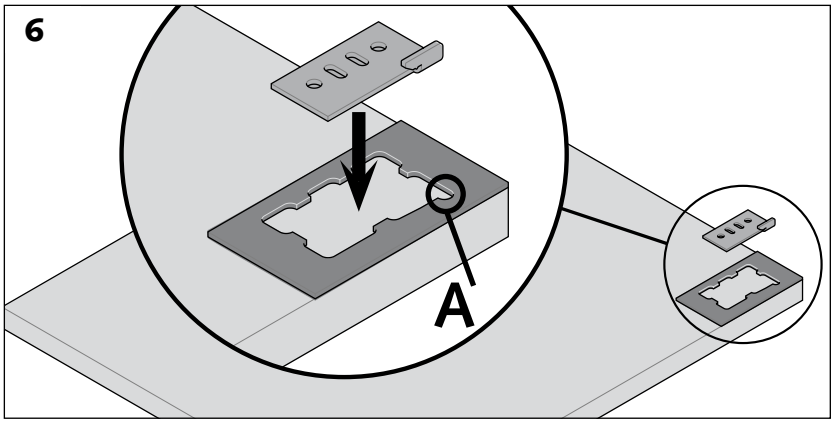












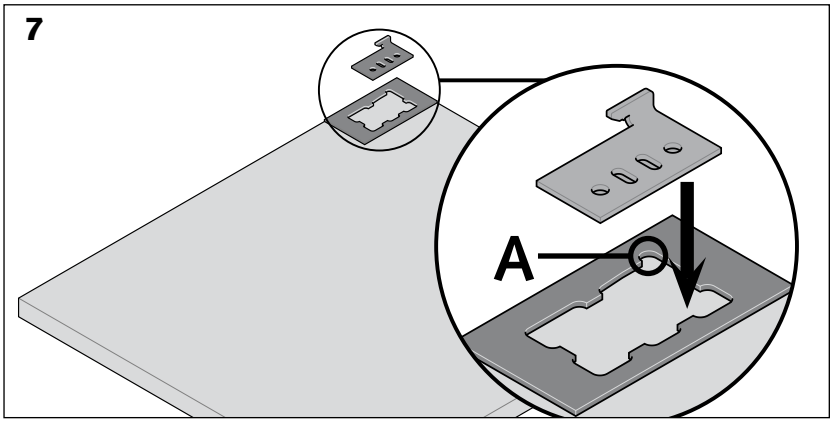
> Apply the lugs using the positioning template

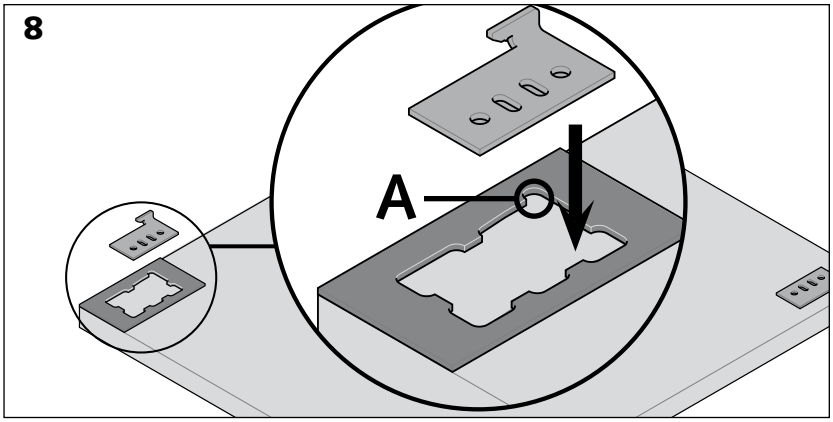
The template must be positioned on the corner of the panel.
Warning! There is a direction for fitting the template - the small rounded cut [Figure 1 detail A] must always be positioned on the outer side of the panel.

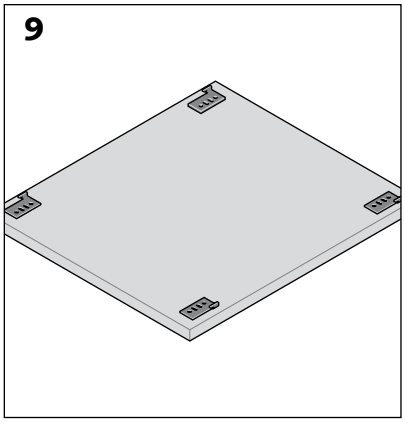
> You can glue or screw in the lugs.

Oblong holes are provided for fixing using glue. If you are screwing the lug in, the round holes must be used.

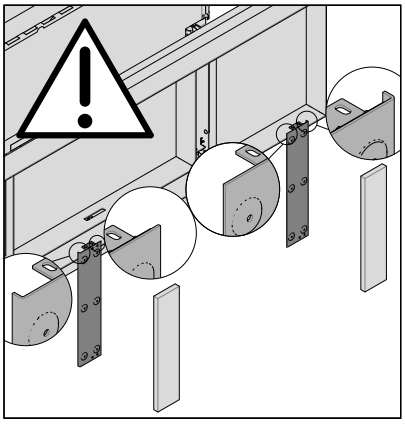
Attaching hooks to the trim panels (continued)

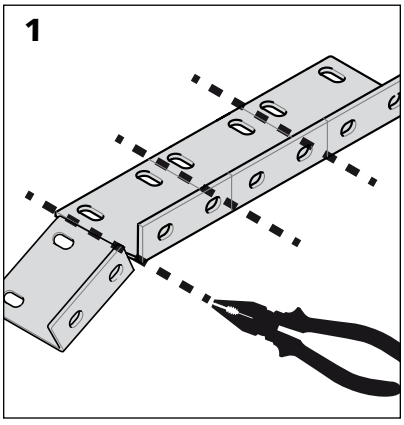


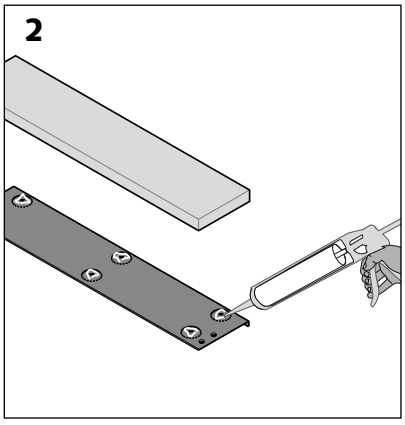


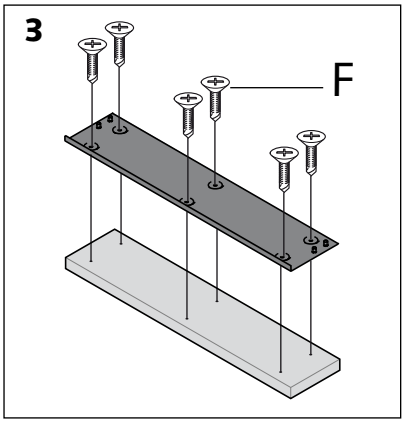


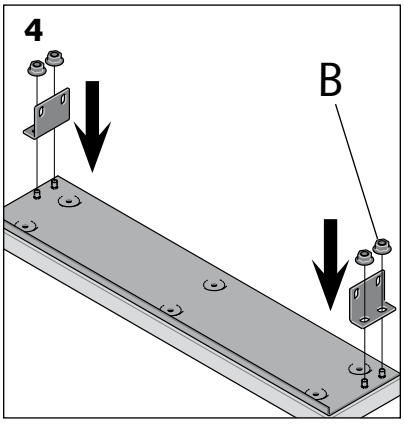
Fitting fastening lugs onto the door side panels









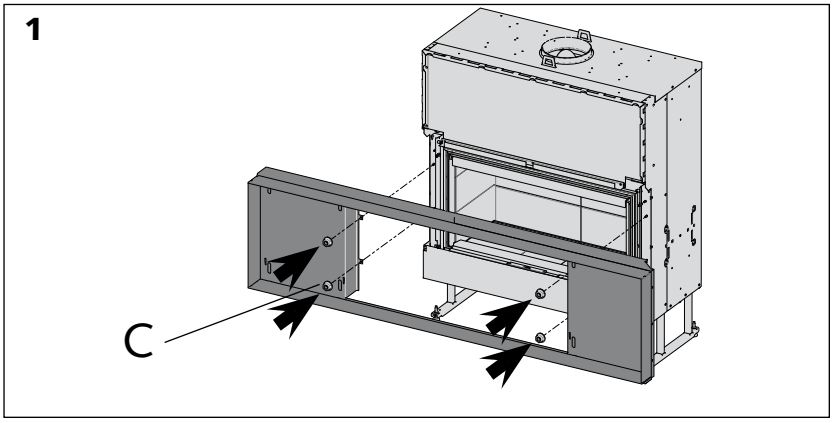


> **Using pliers, break the pre-cut areas for all the angle brackets** [figure 1]

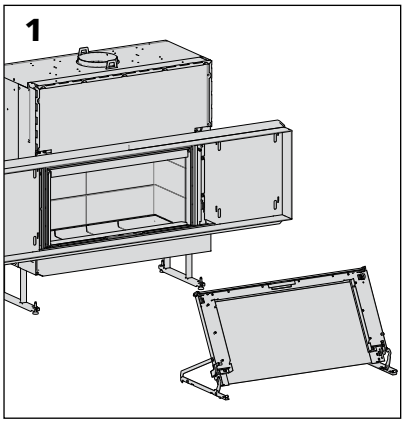
> **Glue or screw the finish material onto the lug** [figure 2 and 3]

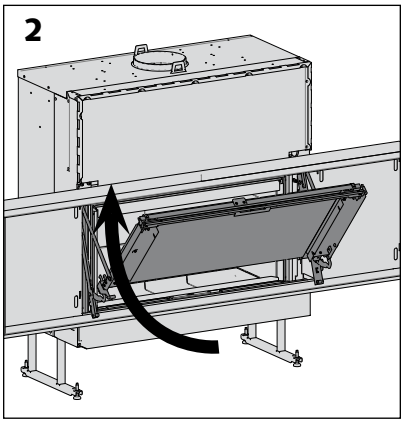
> Place both angle brackets at the top and at the bottom of the side panel

Fitting the frame onto the stove



Refitting the door

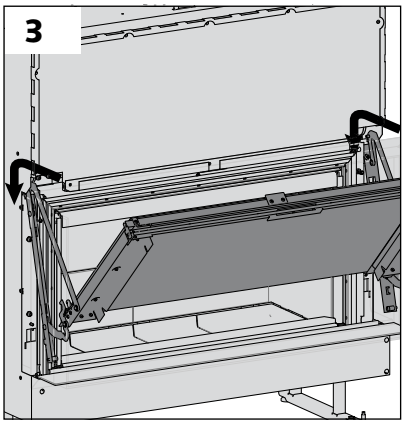


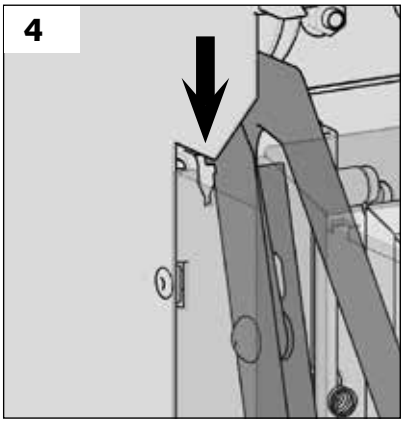


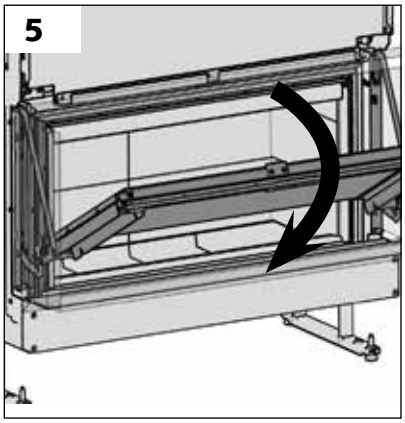
Warning!
Take care not to scratch your finishes when refitting the door.

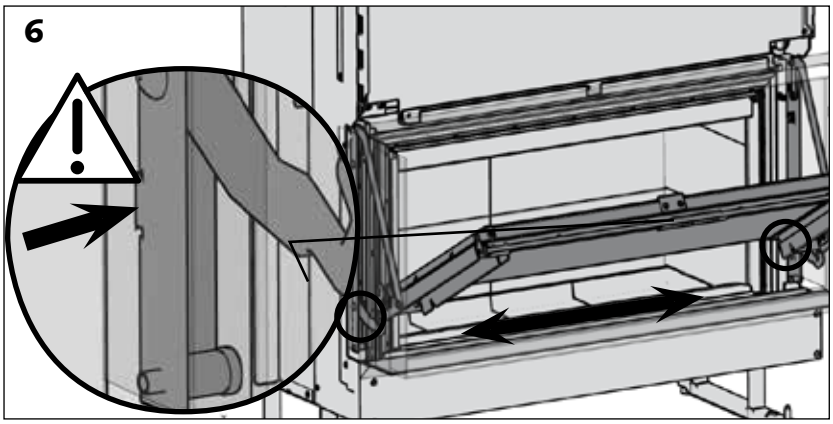
> Fit the hooks at the top of the frame [diagram 3 and 4]

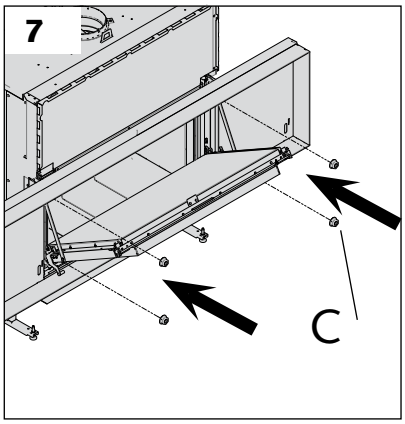
> Tip the door to apply it over the entire height [diagram 5]
Check that the centring lugs are grooved [diagram 6]. If needed, swing the door from left to right.



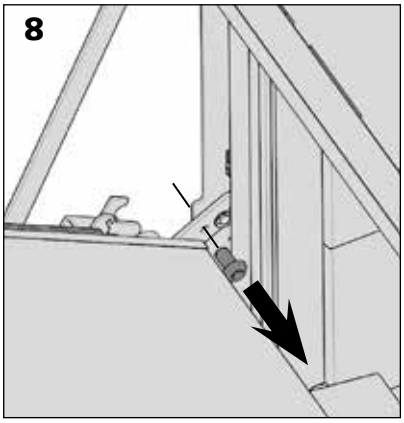


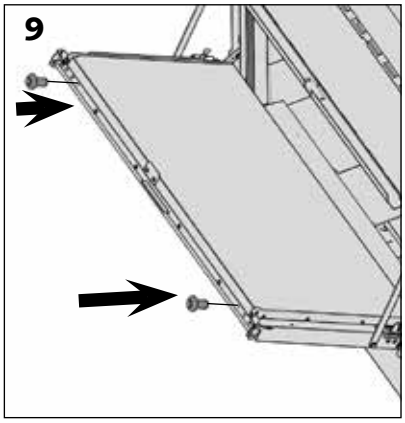






Refitting the door





> Tighten the door using 4 nuts

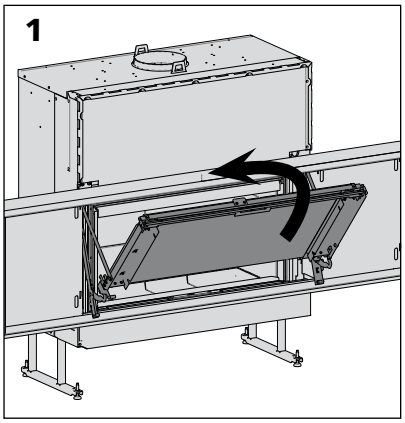
> Remove the locking screws from the strut and refit these screws on the top of the door.

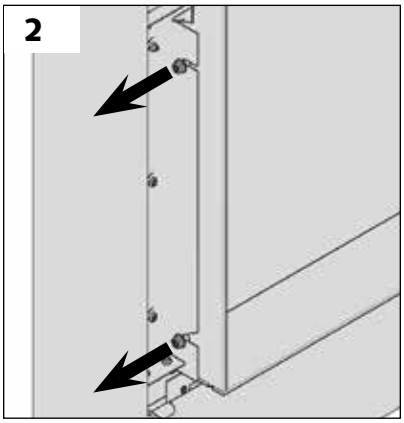
> Close the door.

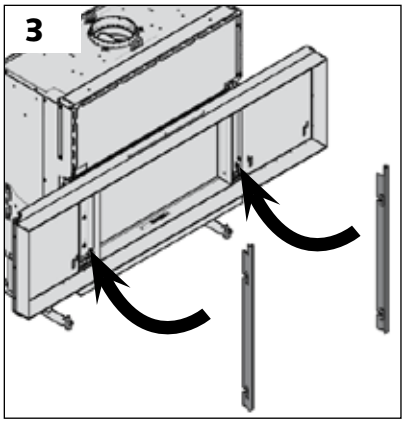
Warning!

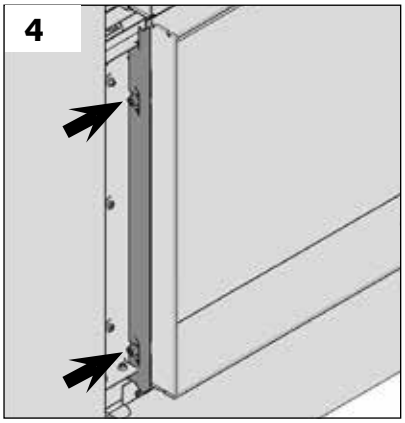
Please refer to the appliance's installation instructions for fitting the door frame and grip.

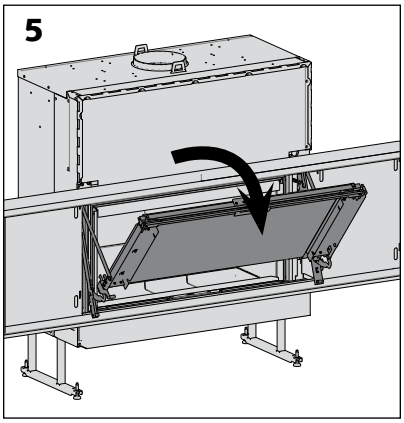
Fitting the finishing side panels

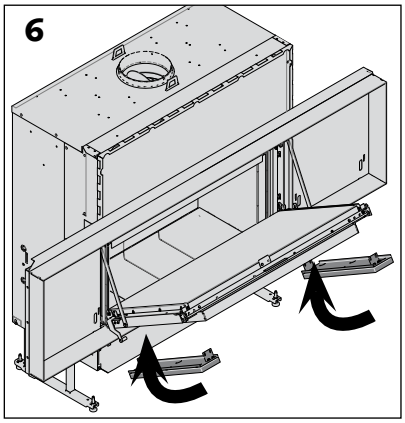


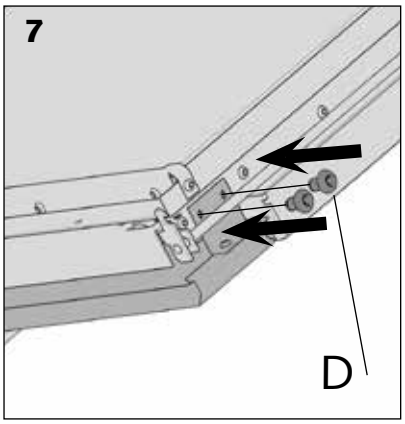


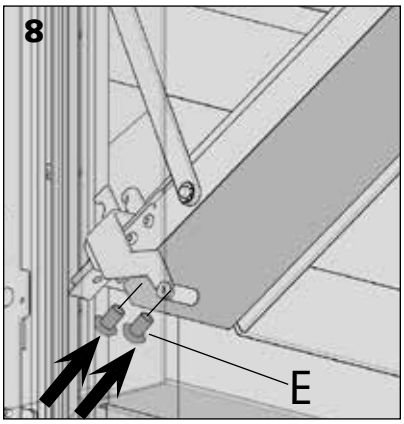








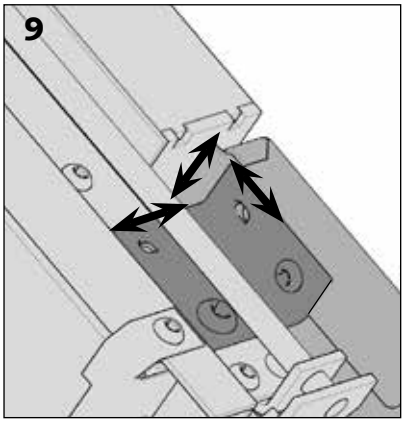




> Fix each side panel using two screws on the top and two screws on the bottom of the door [figures 7 and 8].

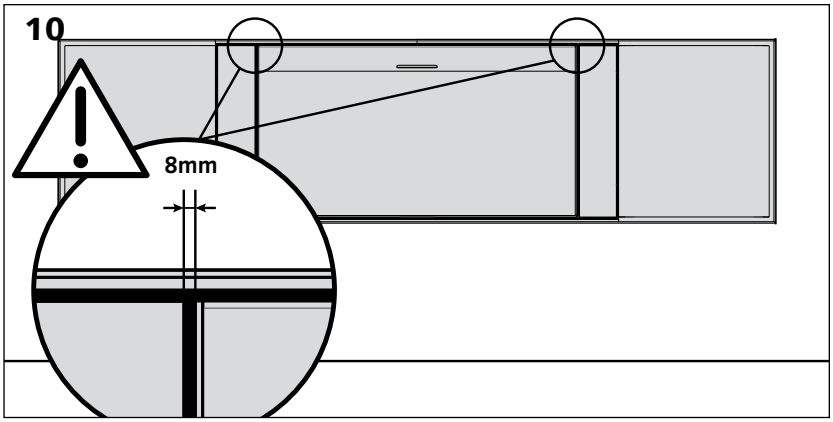
The screws are inserted into the oblong holes which means you can adjust the position of the finishing side panels in order to make sure they are aligned aesthetically.

Fitting the finishing side panels

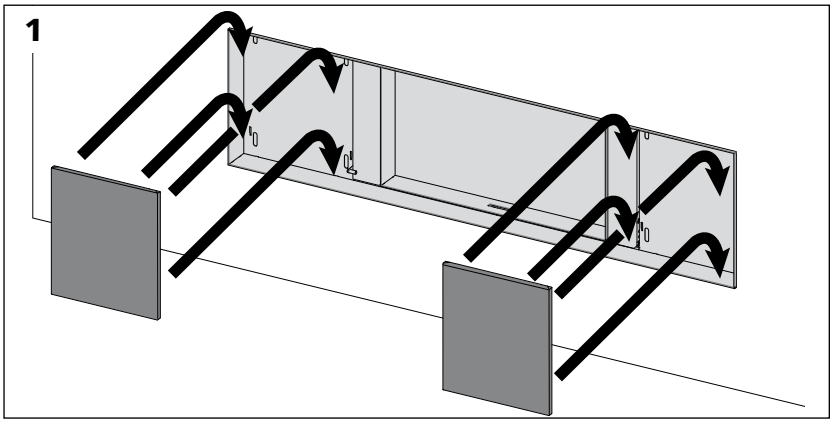


Warning!
It is essential to leave a space of 8 mm between the door frame and the edge of the side panel finishing material.

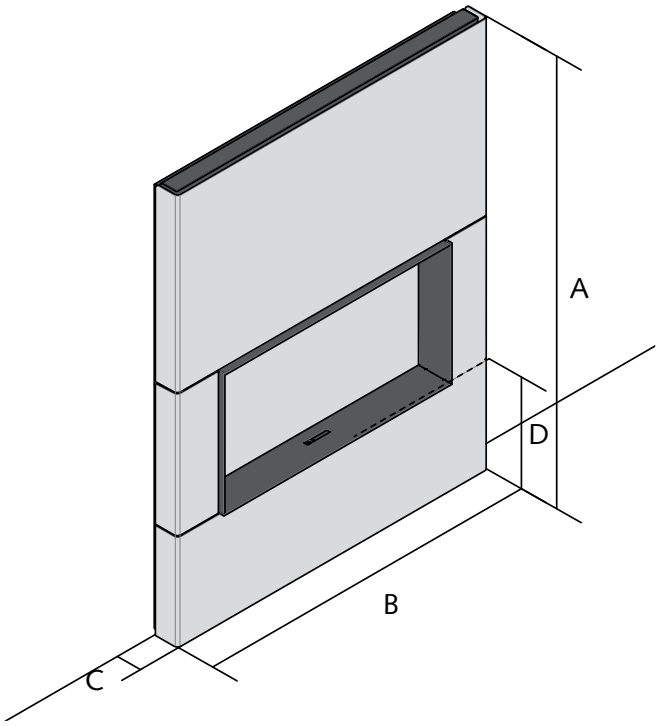
This gap ensures that the material does get too hot, therefore it is particularly important when you are using a finish made of combustible material.



Fitting the finishing trim panels

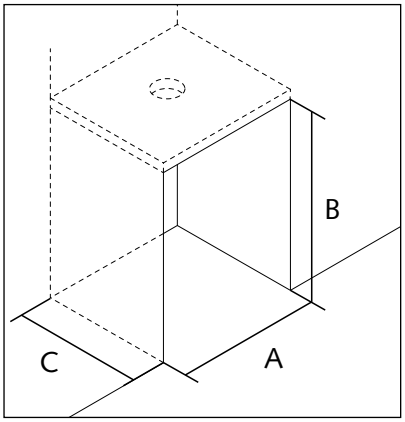


Dimensions of the DS front panel

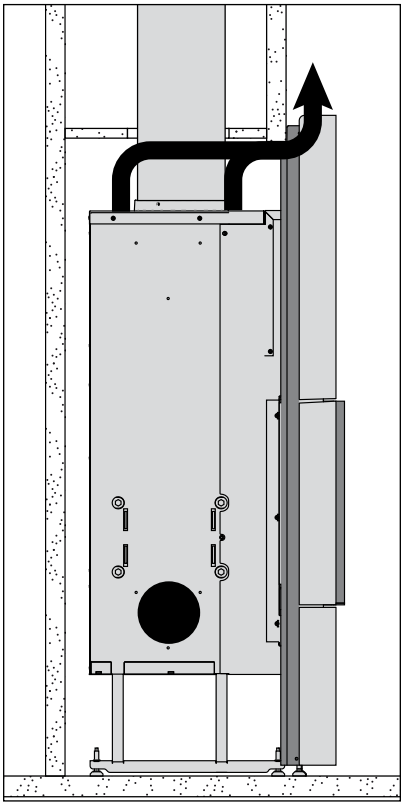


	22/70	22/90	22/110
A	1770	1630	1530
B	795	995	1195
C	115	115	115
D	400	400	400

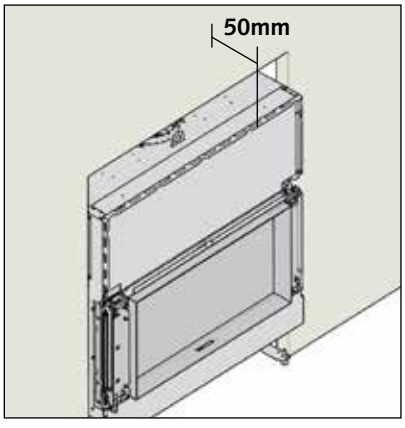
Recess dimensions



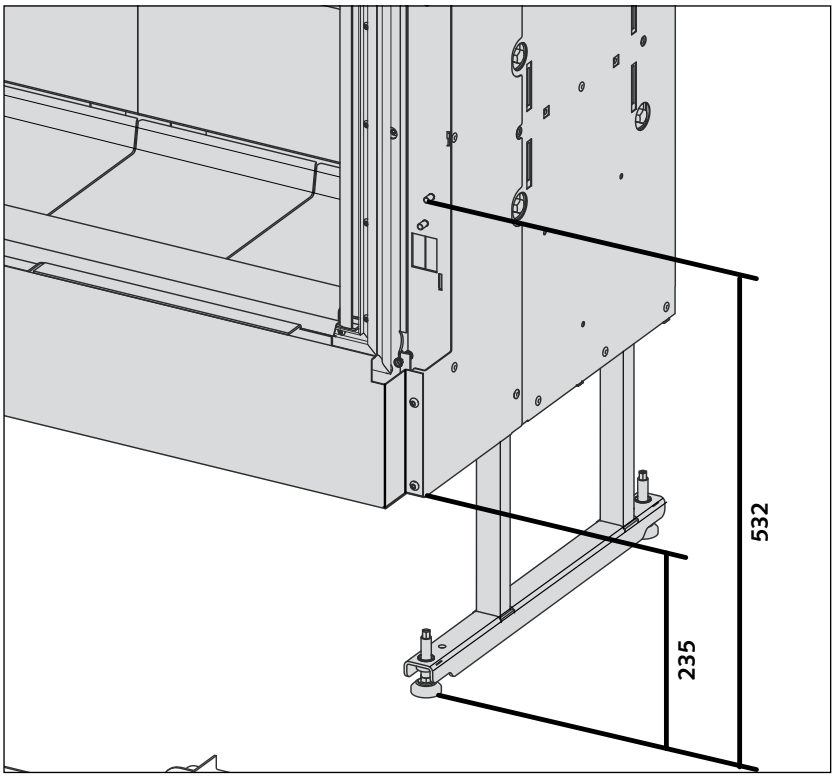
	A	B	C
22/70	730	1710	460
22/90	930	1570	460
22/110	1130	1470	460



It is advisable to provide a false-ceiling in noncombustible material in order to avoid any heat trap in the appliance recess.

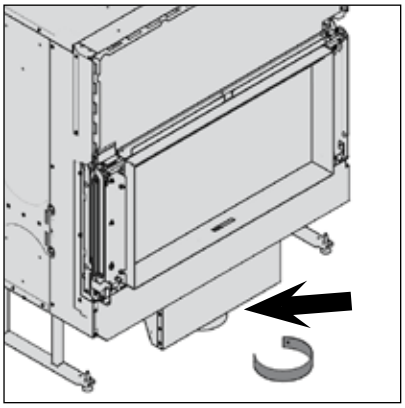


Height of the stove



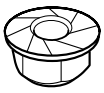
The installation of a Stûv 22D, whether it is with a bottom or top front panel, requires that the stove is positioned at a fixed and determined height. The image opposite gives you two reference measurements.

External air intake connection (option)

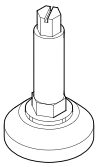


If the Stûv 22 has an outside air inlet via a hose connected under the top air box, it is recommended that a hose cover is fitted.

Screws required



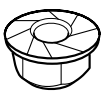
B
X 18
M5 hexagonal nut grooved washer
52113021



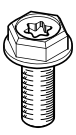
G
X 2
Adjustable base
52120002



E
X 19
Torx screw M5X10
52123012



C
X 4
M6 hexagonal nut grooved washer
52113022
*Supplied with the stove



H
X 4
M6 hex bolt
52997019

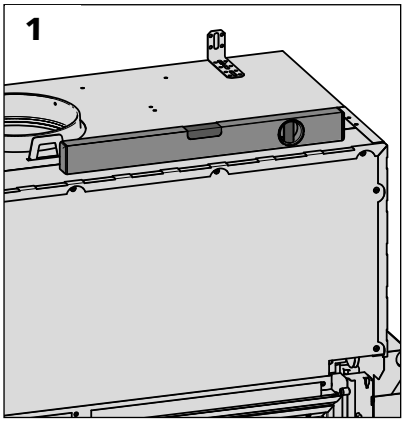


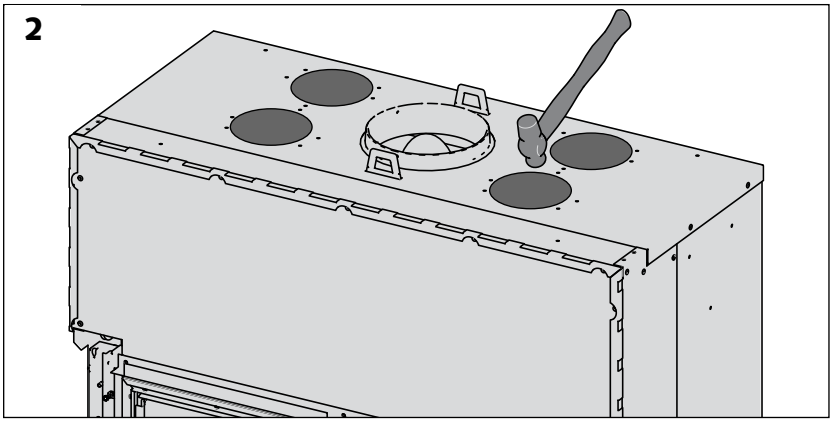
D
X 5
Torx screw M5X8
52123004

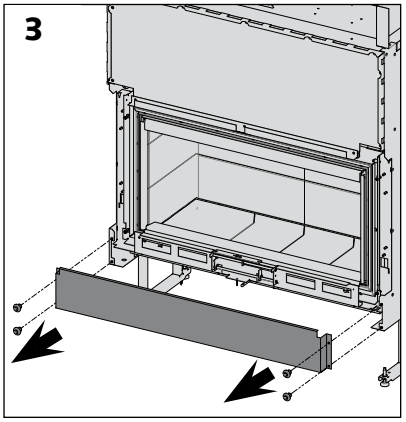
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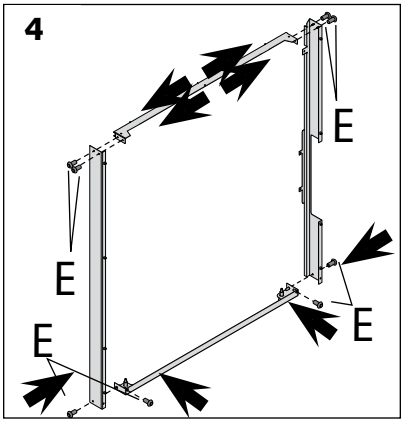
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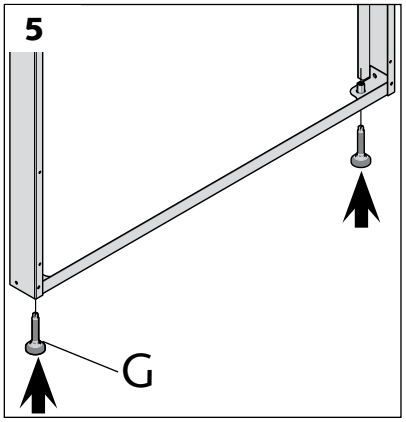
This hardware depends on your choice of material and therefore is not provided with the panel.

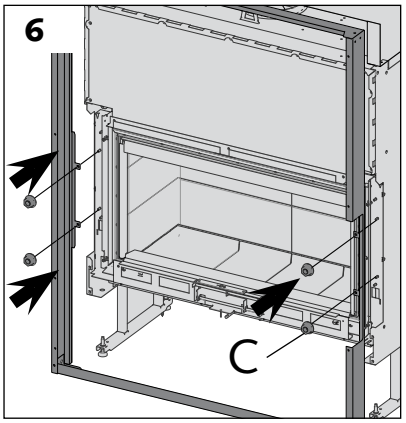


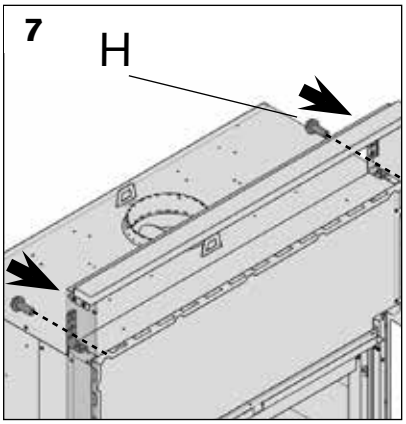




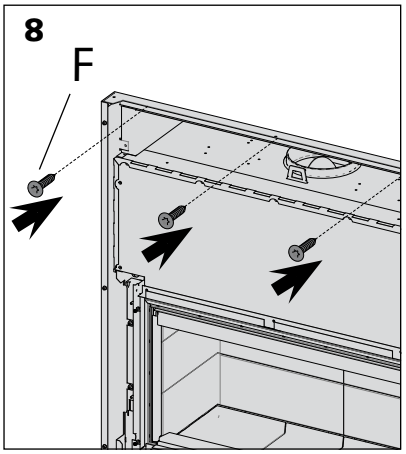


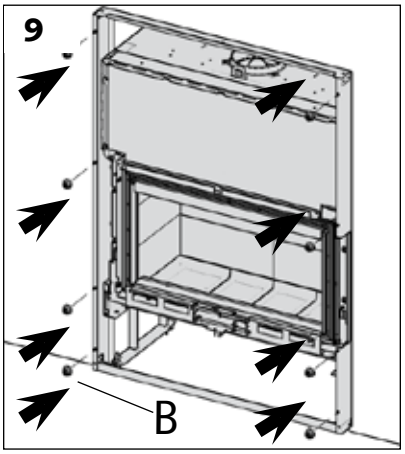


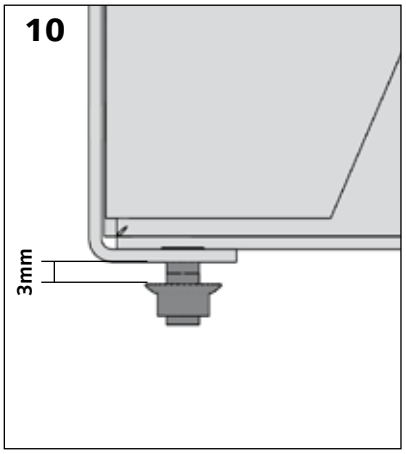


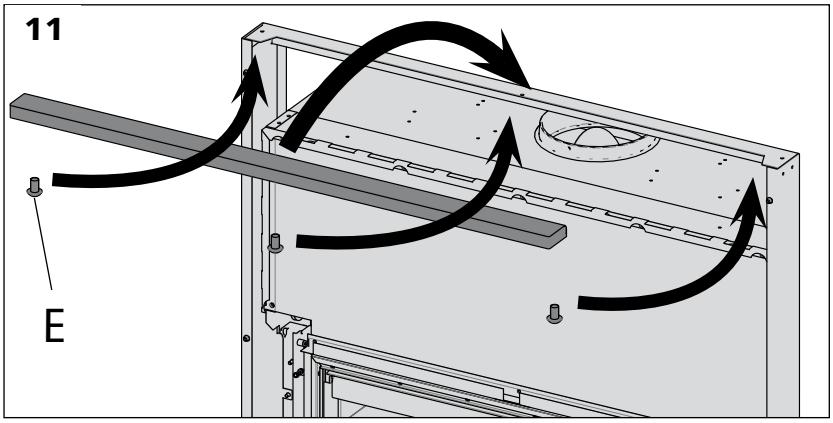


> Fix the trim panel frame to the wall [figure 8].
The screws and fastenings for this stage are not supplied with the front panel.
Please use the hardware which matches your type of construction.



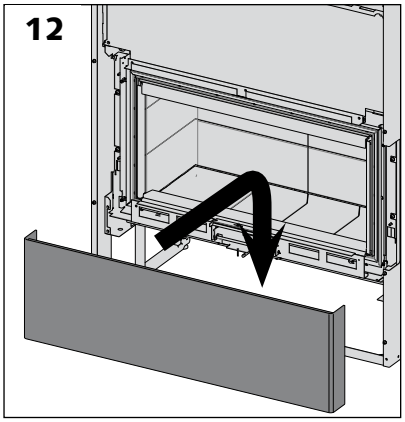


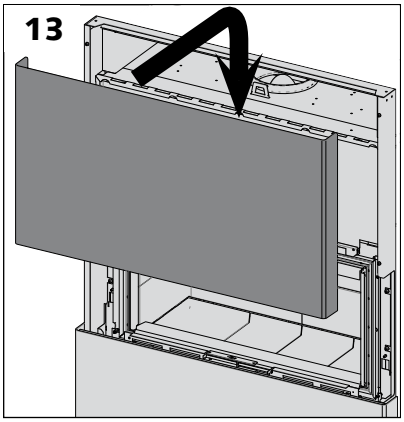


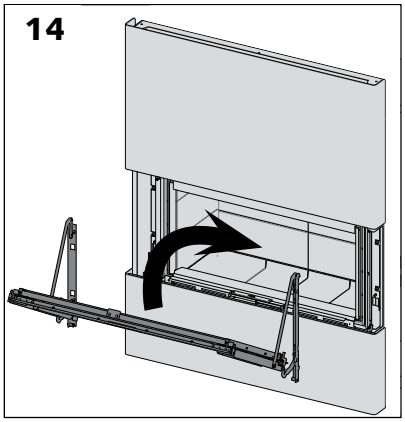


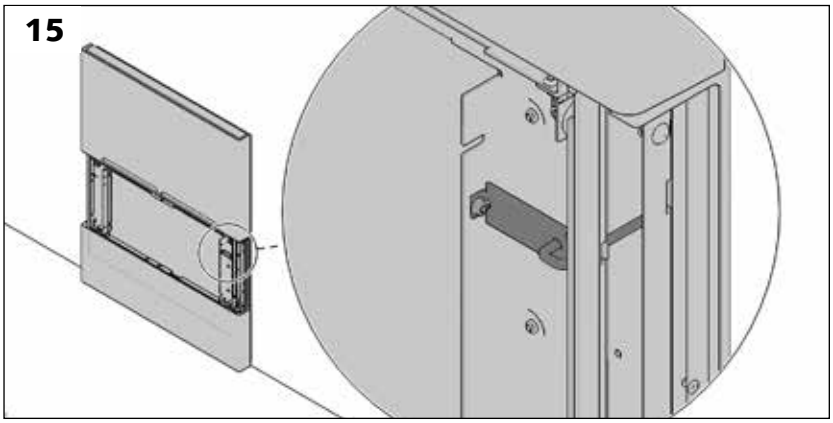
> Once the top and bottom trim panels are installed, please tighten the various nuts using an 8mm wrench.

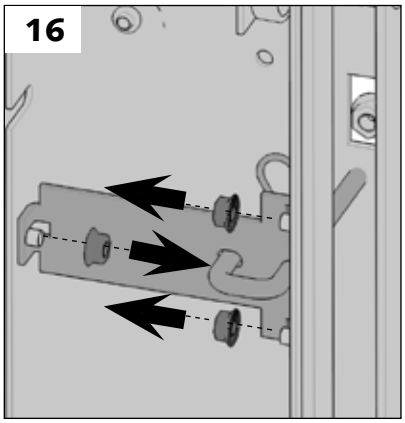
> Replace the door of the Stûv 22

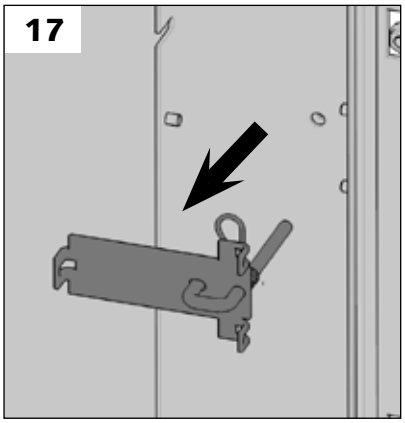


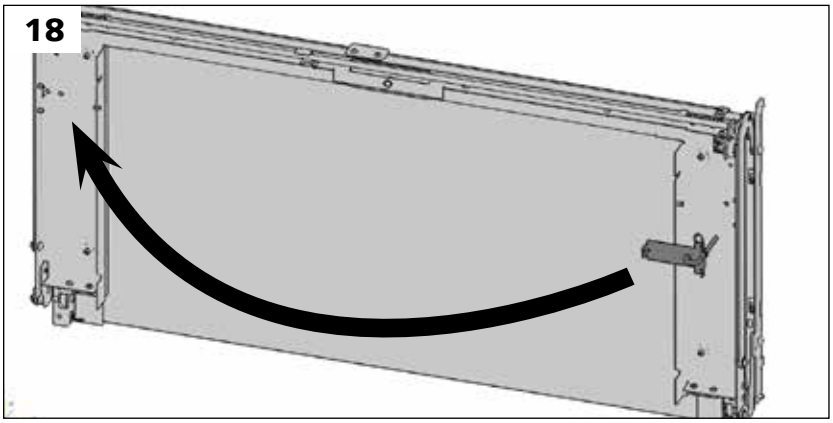




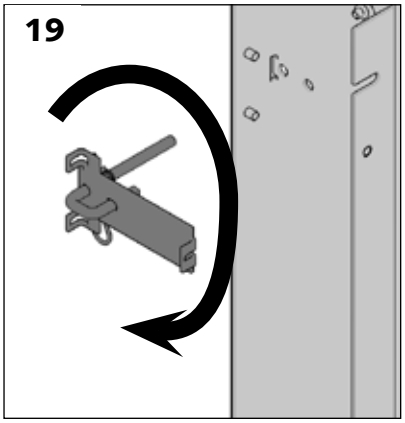




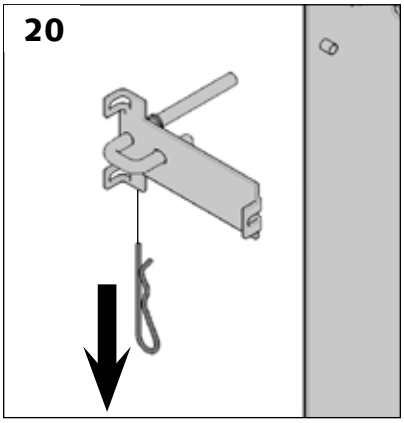




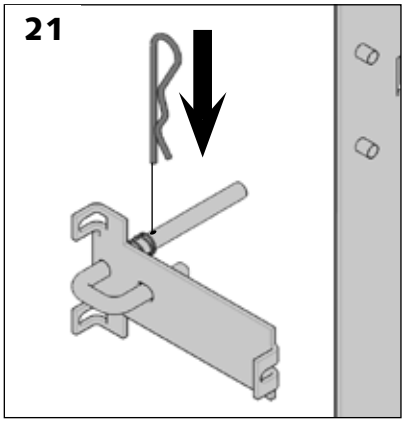
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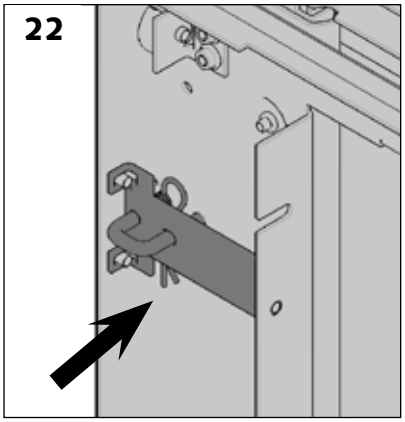
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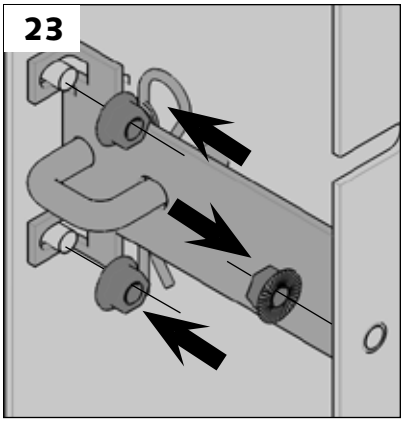
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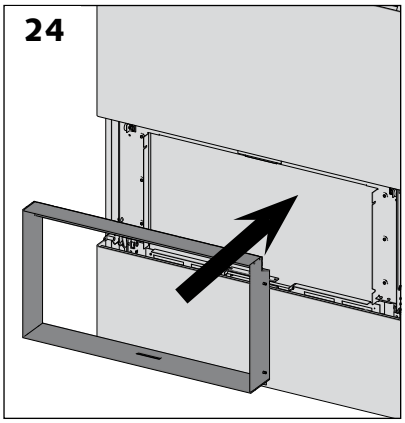
22



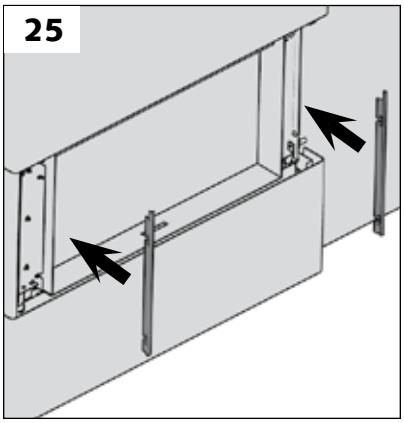
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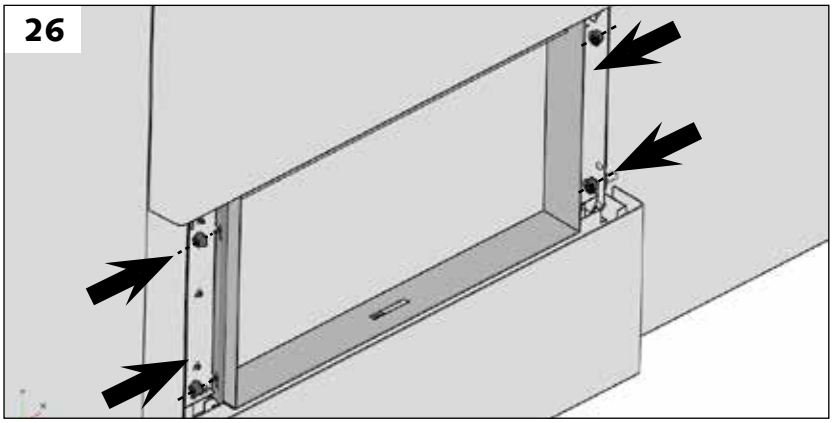
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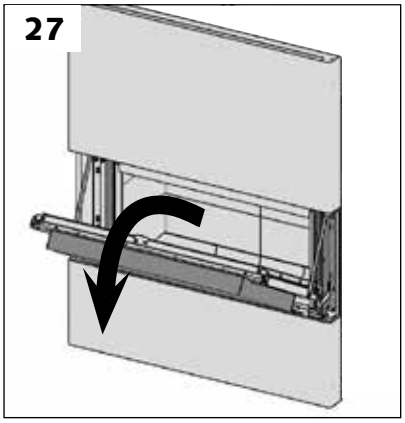


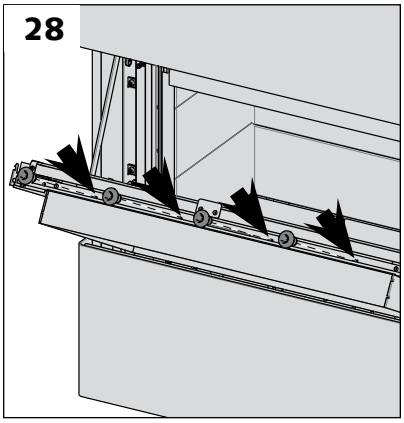
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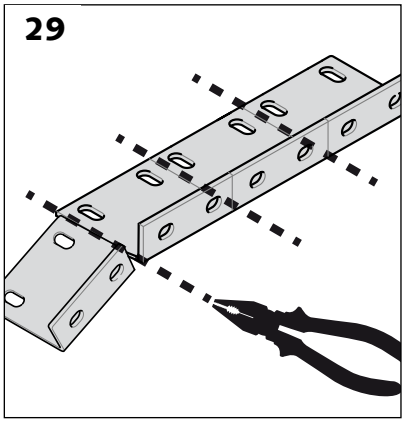


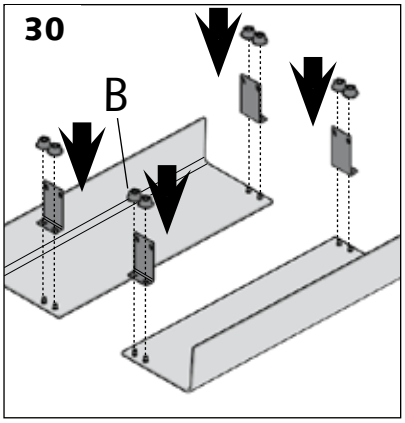
26

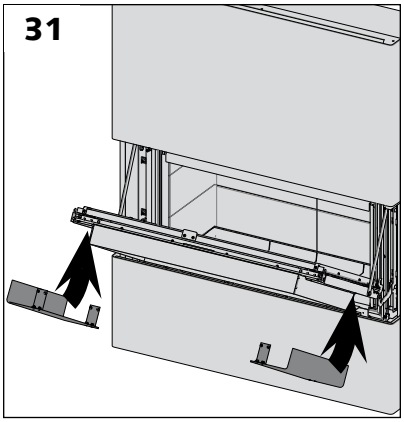


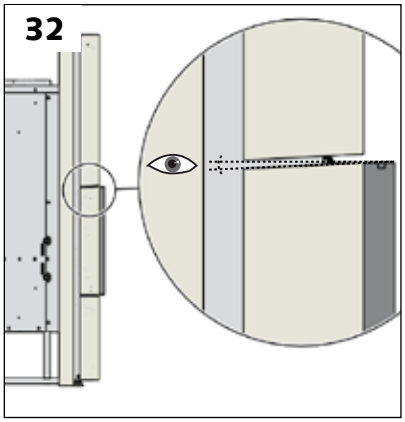


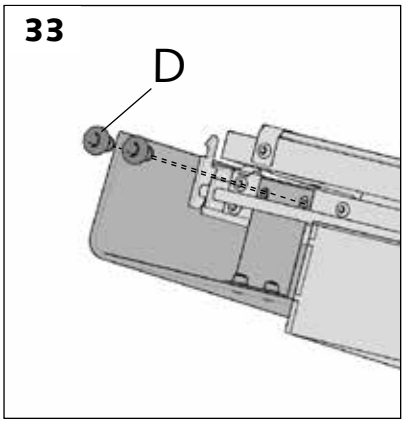


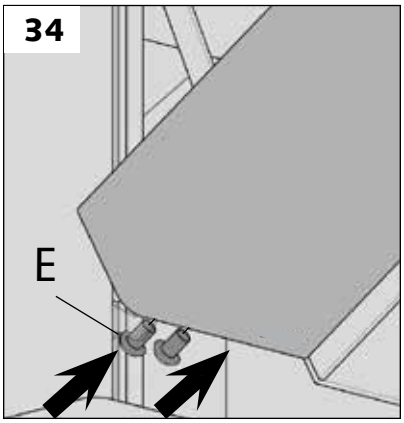




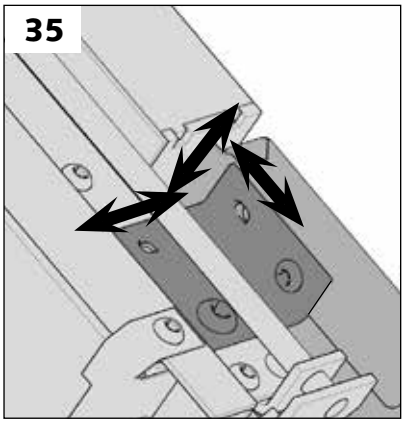


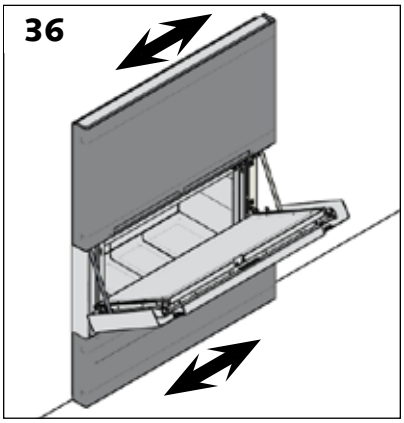






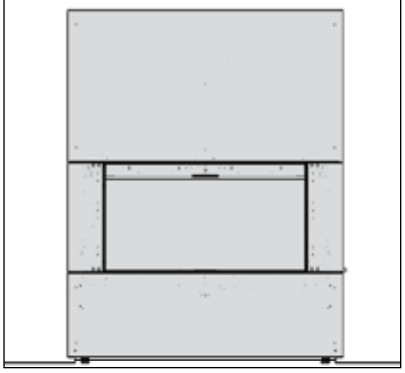
Warning!
The upper side of the finishing side panel is sloping [figure 32]!



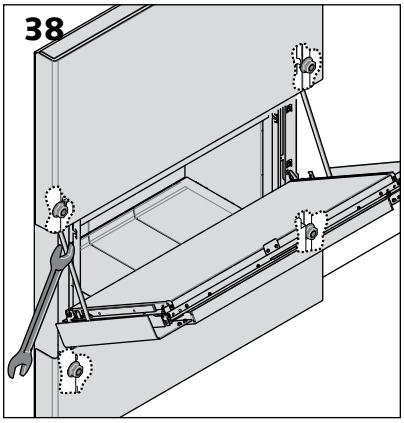


The screws are inserted into the oblong holes which means you can adjust the position of the finishing side panels in order to make sure they are aligned aesthetically. Similarly, the top trim panel and bottom trim panel can be slightly adjusted in width in order to facilitate the alignment of the different elements.

37

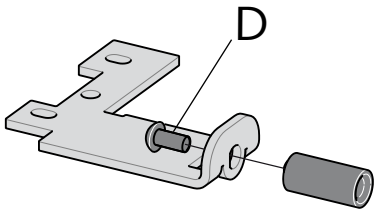


38

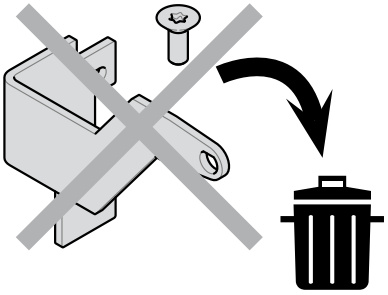


Once the parts are aligned, tighten the nuts of the top and bottom trim panels.

39



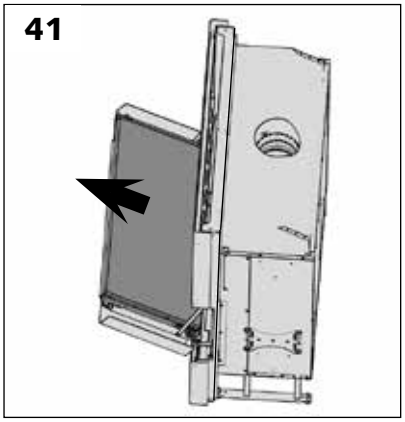
40



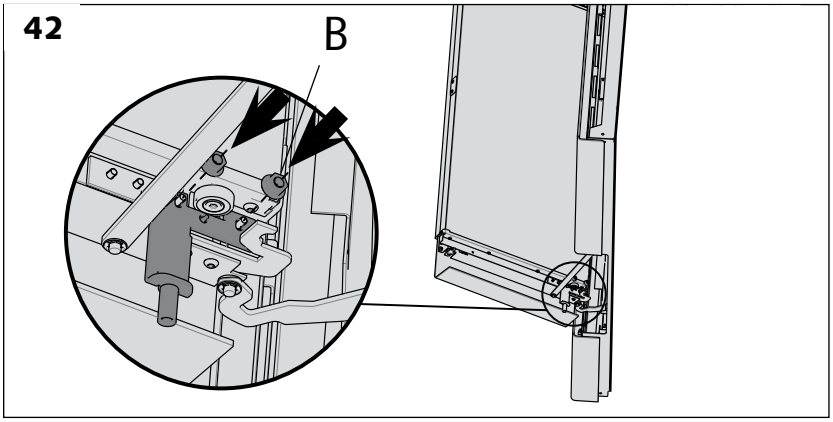
The grip on the small front panel is specific to this trim.
> Use a domed-head torx screw and the metal plate shown in figure 39.

The elements illustrated on figure 40 will not be helpful.

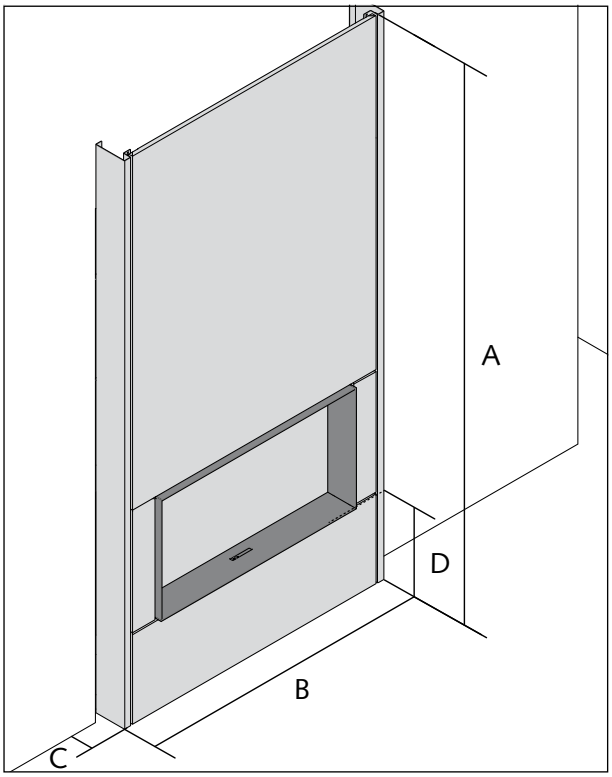
41



42

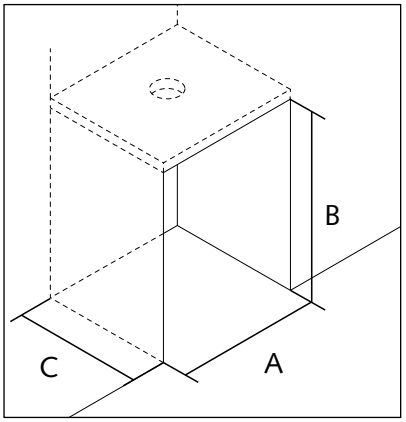


Dimensions of the DH front panel

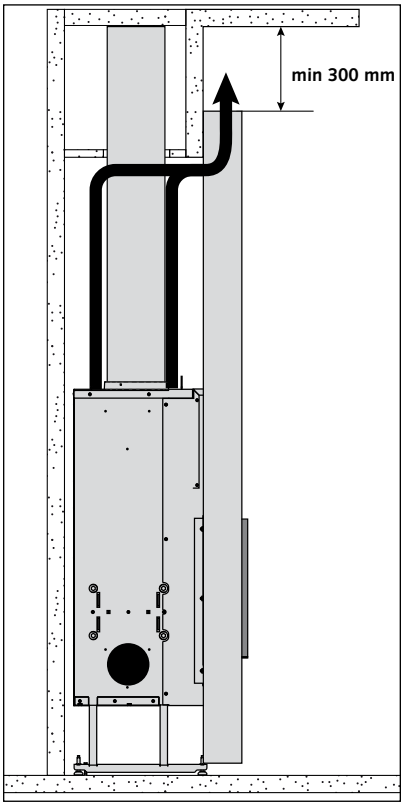


	22/70	22/90	22/110
A	/	2100	2100
B	/	970	1170
C	/	130	130
D	/	400	400

Recess dimensions



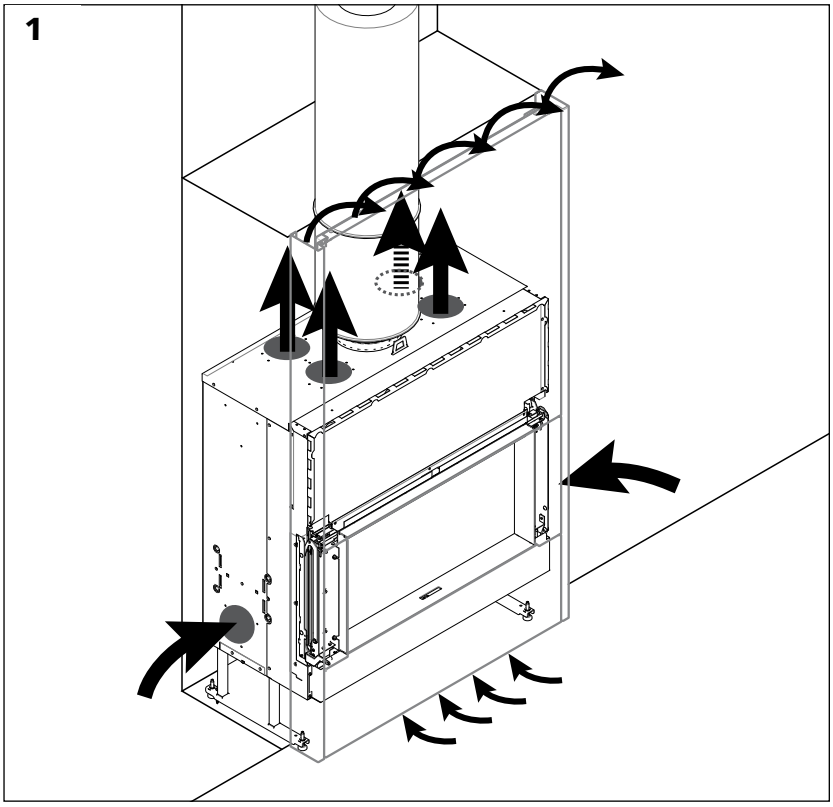
	A	B	C
22/70	/	/	/
22/90	930	1900	460
22/110	1130	1900	460



It is advisable to provide a false-ceiling in noncombustible material in order to avoid any heat trap in the appliance recess.

The posts of the DH front panel get hot when the stove is used. Build the adjoining wall in noncombustible materials.

Precautions for installation of the device



For the installation of a customised trim on a top front panel, the following instructions must be observed for installation of the Stûv 22:

> Open 2 inlet convection vents (unless a fan is installed)

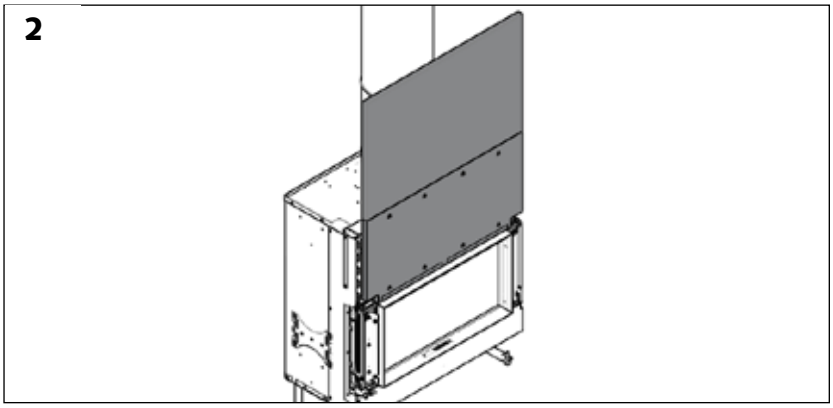
> Open 4 outlet convection vents

> Do not tube the convection!

> The top and the bottom of the trim must not be obstructed! These sections provide the 400 cm² air intake and 500 cm² air outlet.

> The connecting duct must be insulated with at least 3cm of insulation whose R is 0.75 m²K/W

Warning!
The wall and preferably the ceiling where the hot air outlets are installed must be made of noncombustible materials.

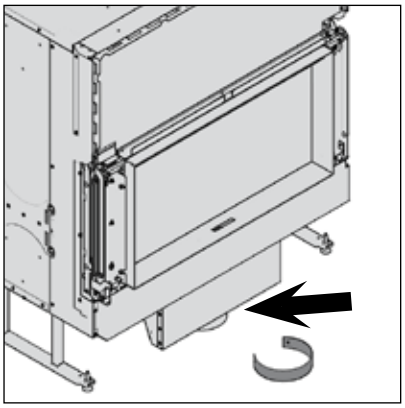


If the trim material is a combustible material, please observe the following rules in addition to the rules listed above:

> Install the insulation kit option provided by Stûv

> As an extension to the Stûv insulation kit and over the entire height of the combustible material, fit an insulator with a max thickness of 30 mm, the R value of which is is 0.3m²K/W.

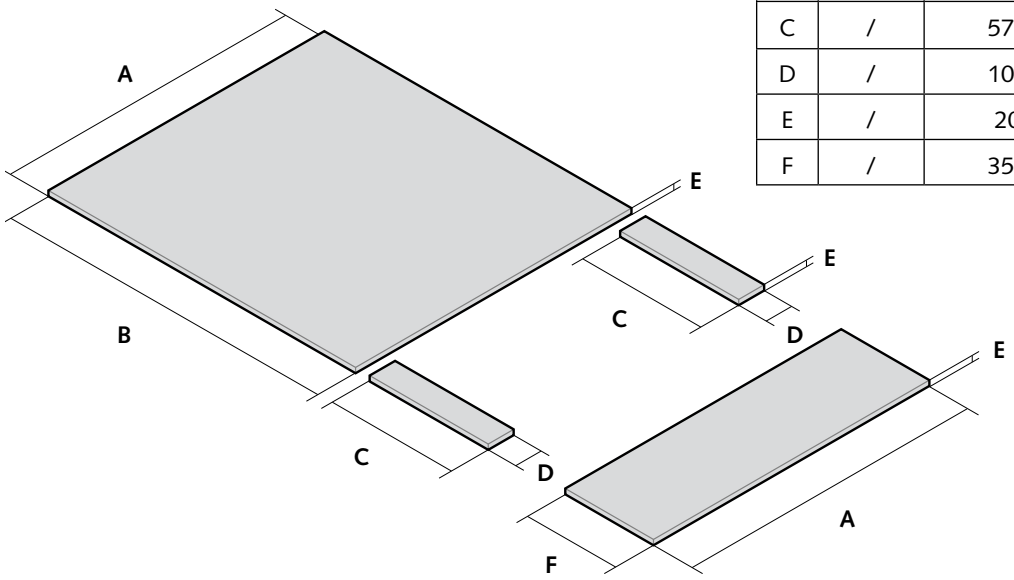
External air intake connection (option)



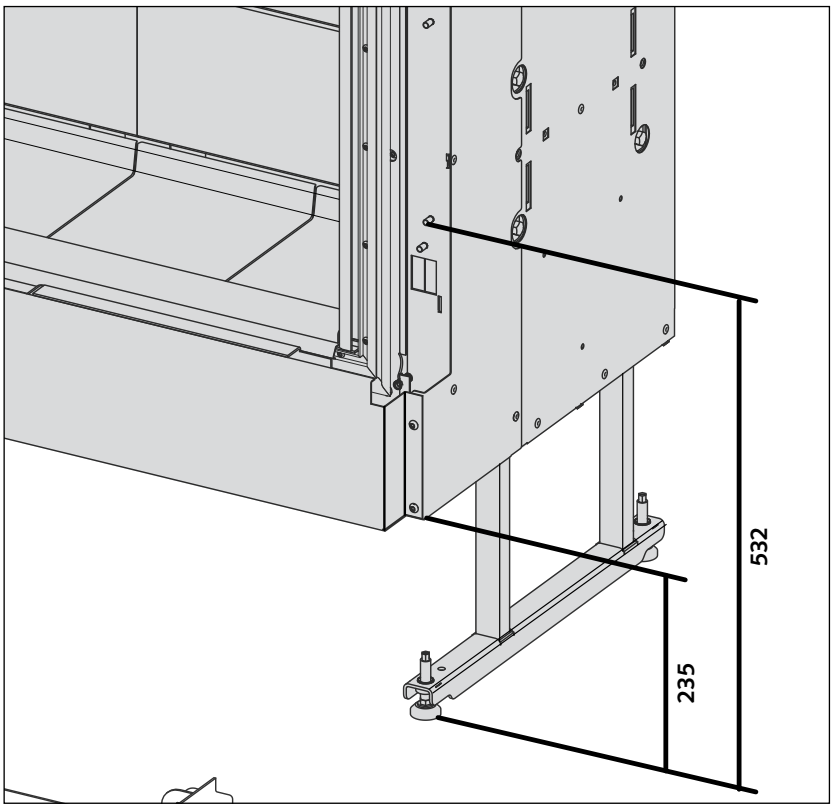
If the Stûv 22 has an outside air inlet via a hose connected under the top air box, it is recommended that a hose cover is fitted.

Dimensions of the DH front panel trim parts (only if finish is "to be trimmed")

	22/70	22/90	22/110
A	/	896	1096
B	/	1127	1227
C	/	571	471
D	/	101	101
E	/	20	20
F	/	350	350

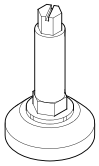


Height of the stove



The installation of a Stûv 22D, whether it is with a bottom or top front panel, requires that the stove is positioned at a fixed and determined height. The image opposite gives you two reference measurements.

Screws and fastenings needed to fit the framework

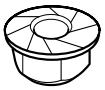


G
X 2

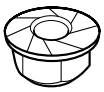
Adjustable base
52120002



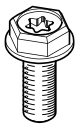
E
X 4
Torx screw M5X10
52123012



B
X 4
M5 hexagonal nut grooved washer
52113021



C
X 4
M6 hexagonal nut grooved washer
52113022
*Supplied with the stove



H
X 6
M6 hex bolt
52997019

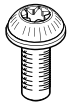
+

F
This hardware depends on your choice of material and therefore is not provided with the panel.



J
X 2
Wood screw
52109001

Hardware needed to fit the Stûv finishing trim panels

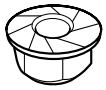


E
X 32
Torx screw M5X10
52123012

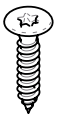


D
X 4
Torx screw M5X8
52123004

Hardware needed to fit the "to be trimmed" finishing trim panels



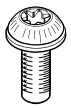
B
X 8
M5 hexagonal nut grooved washer
52113021



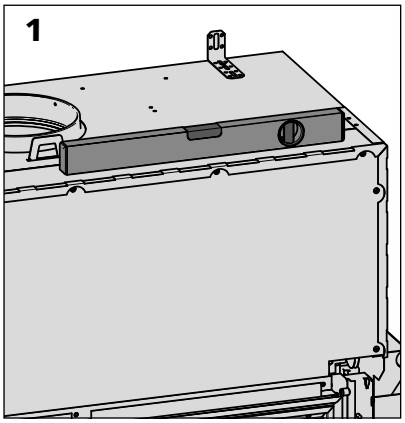
J
X 2
Wood screw
52109001

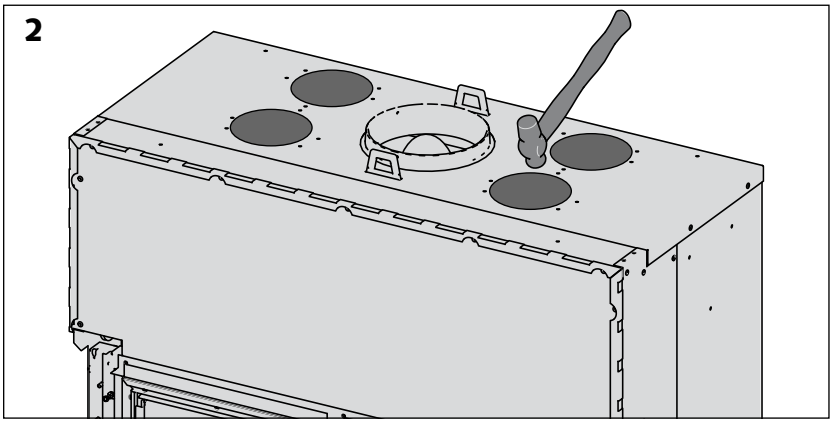


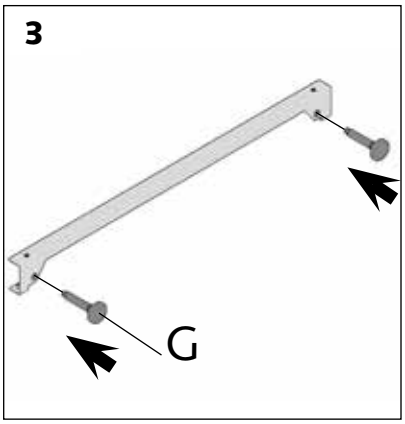
D
X 4
Torx screw M5X8
52123004

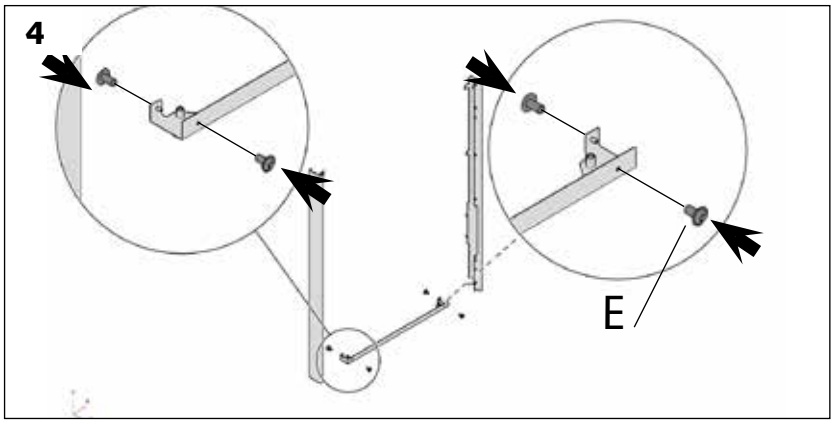


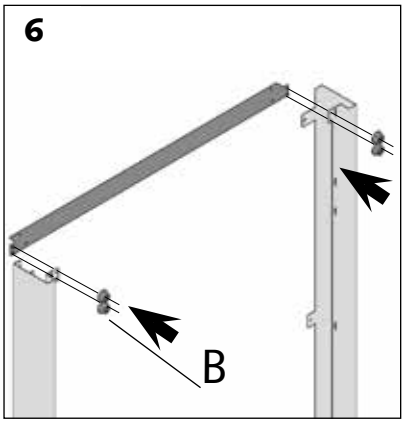
E
X 4
Torx screw M5X10
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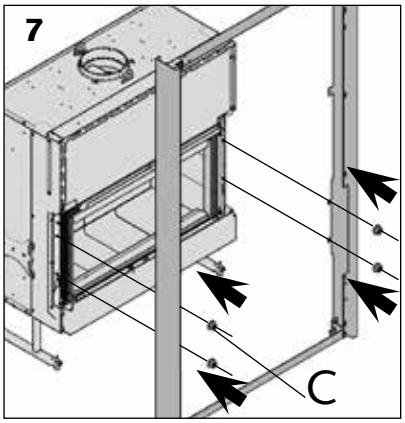

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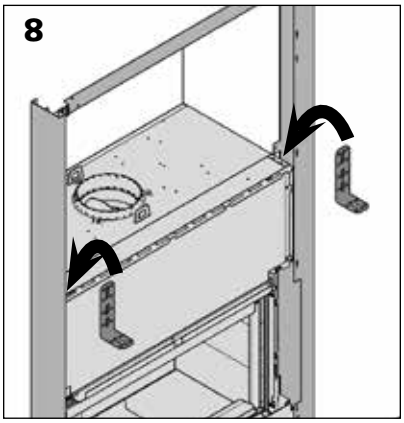

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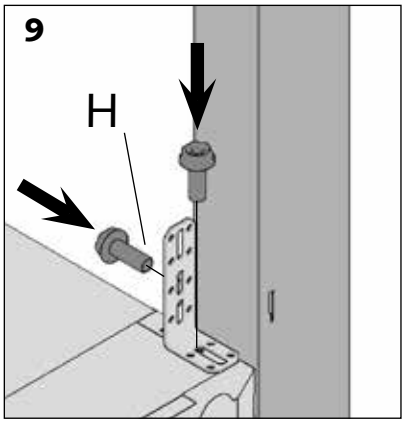

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4
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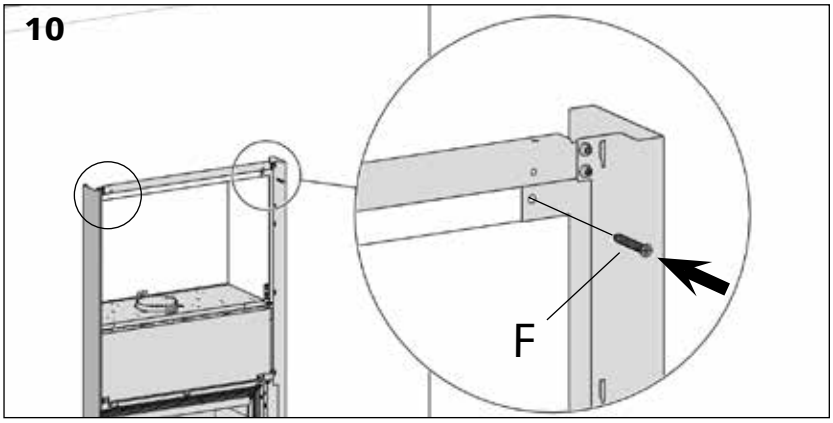

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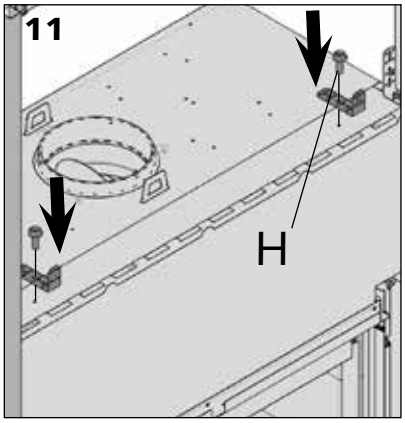

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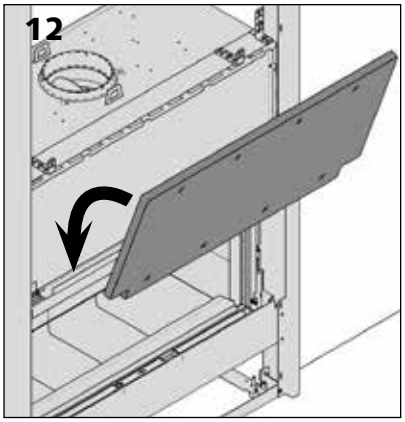

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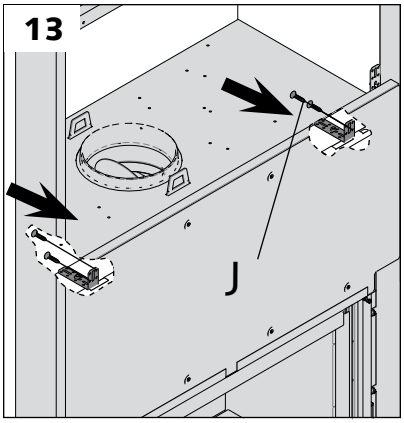

9
H

Fitting the framework

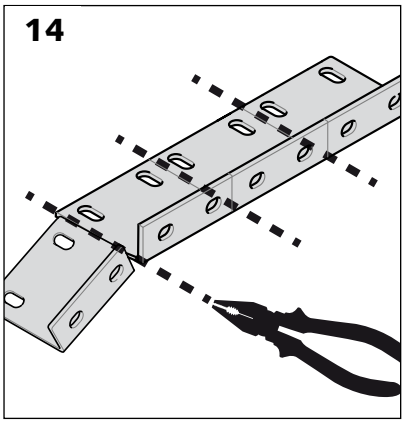


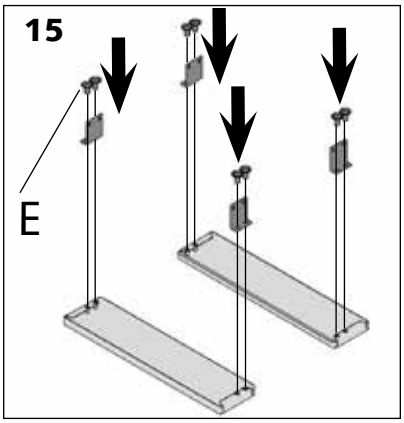


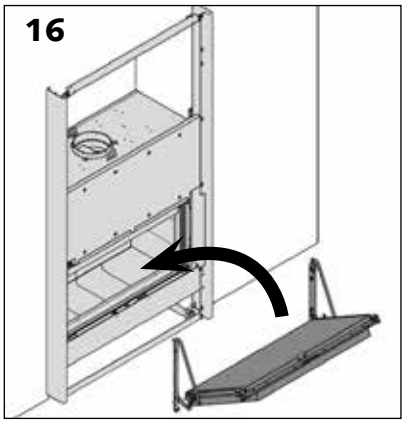


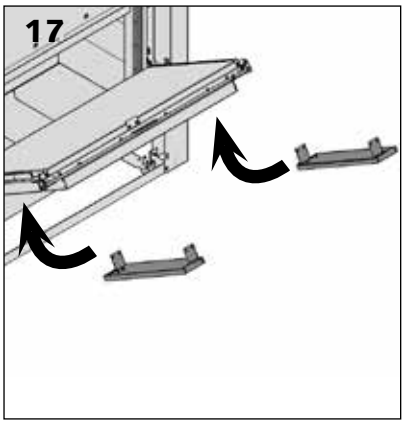


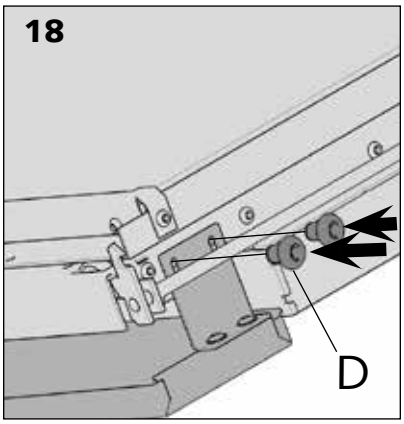
Fitting the Stûv finish

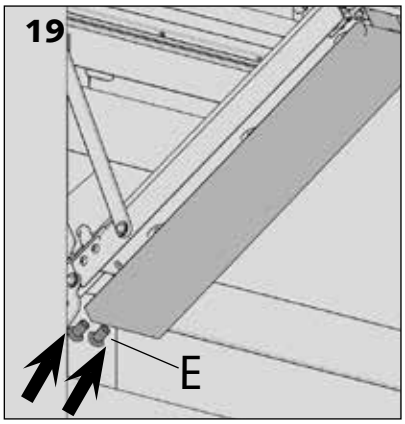


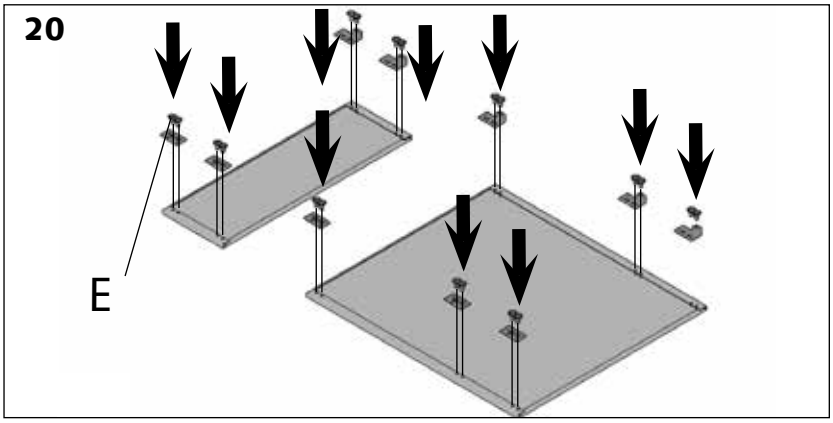


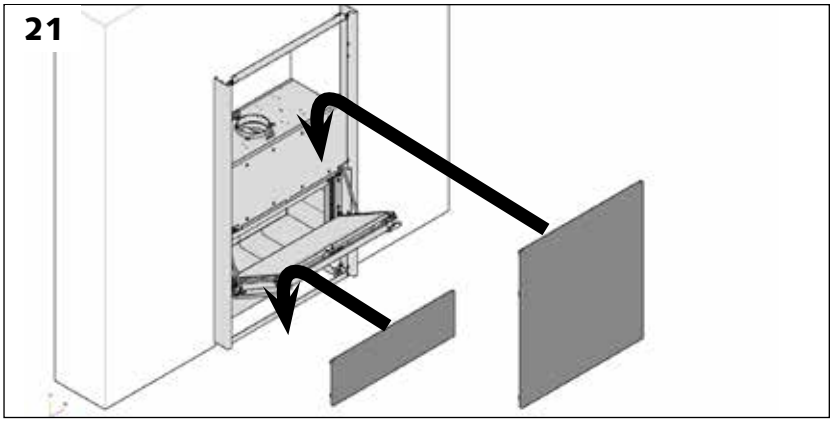


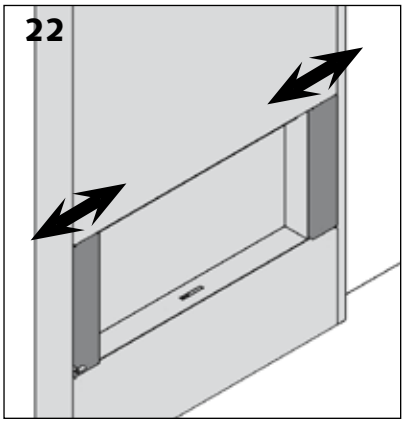


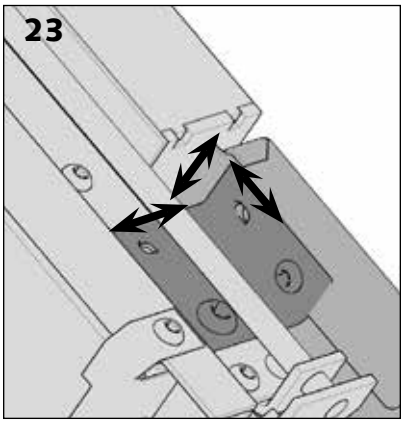






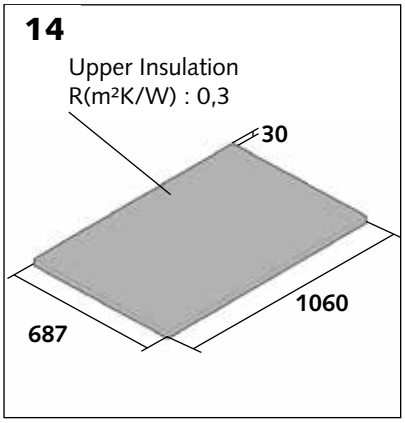




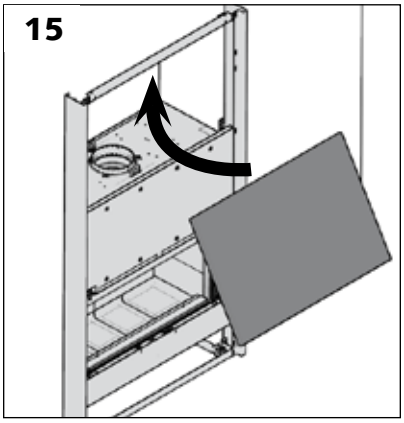


Once the doors side panels and the finishing trim panels are installed, align the different parts.
The oblong holes for the side panel fastening lugs allow adjustment in width.

14

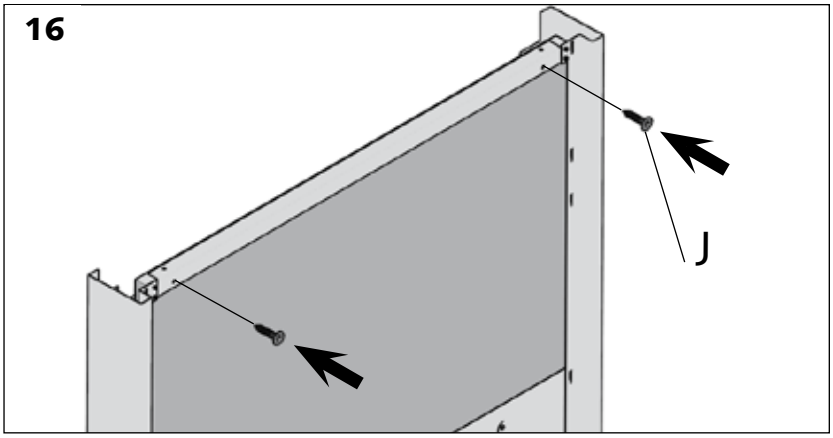


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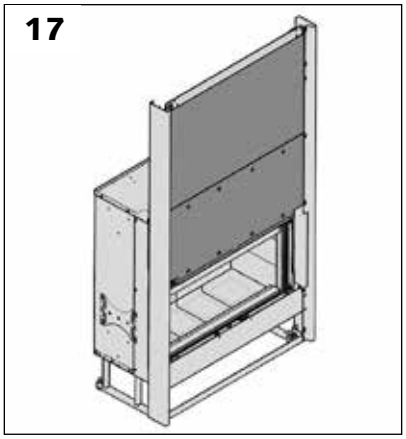


The upper insulator must have a Lambda value of 0.07 W/mK at 200°C for a thickness of 30mm.

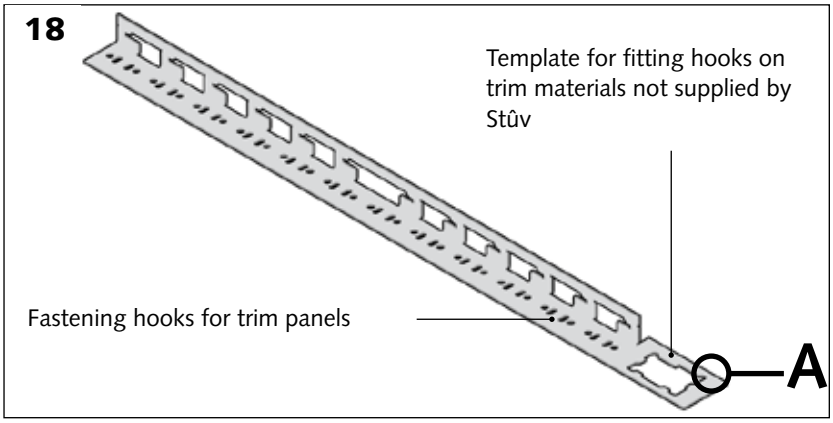
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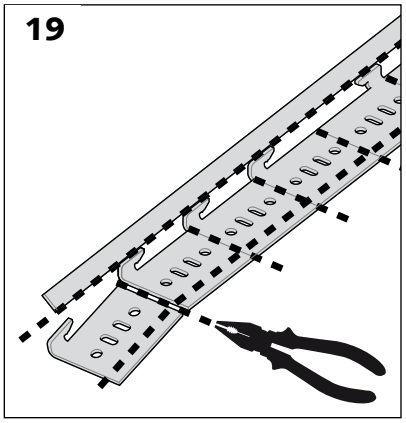
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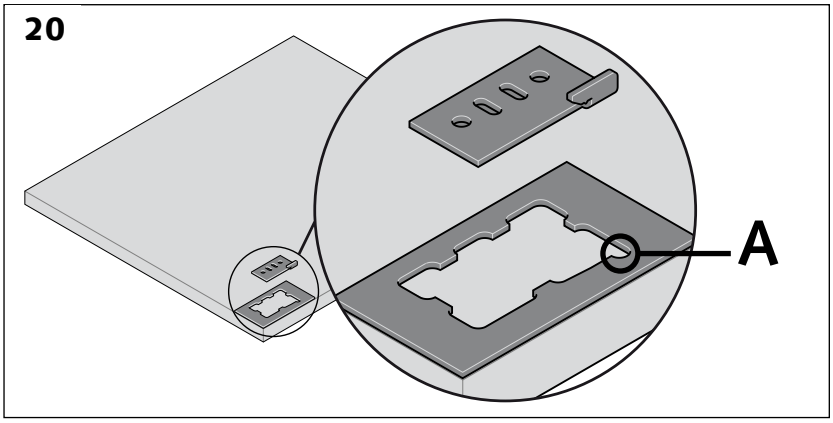
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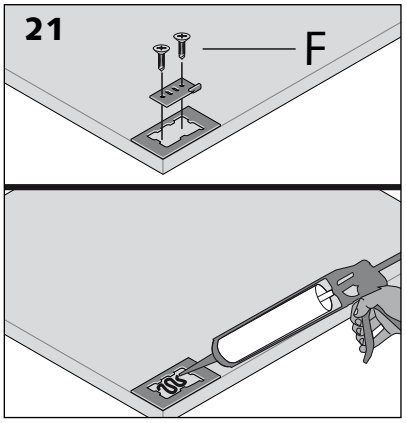
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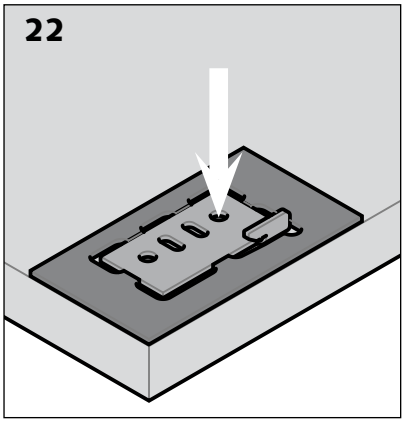


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21



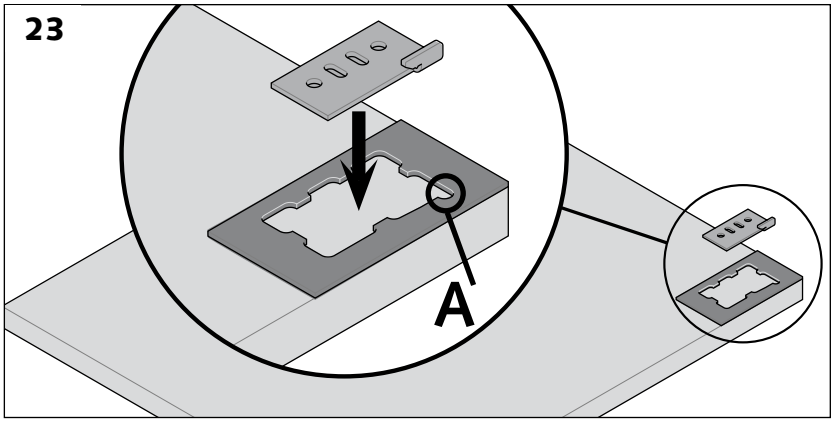


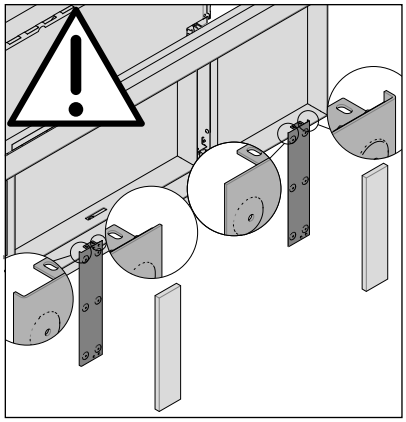
> Apply the lugs using the positioning template

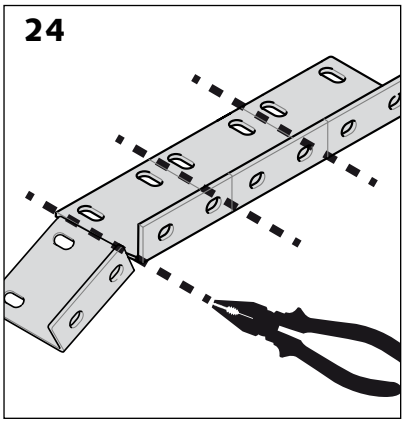
The template must be positioned on the corner of the panel.
Warning! There is a direction for fitting the template - the small rounded cut [Figure 18 detail A] must always be positioned on the outer side of the panel.

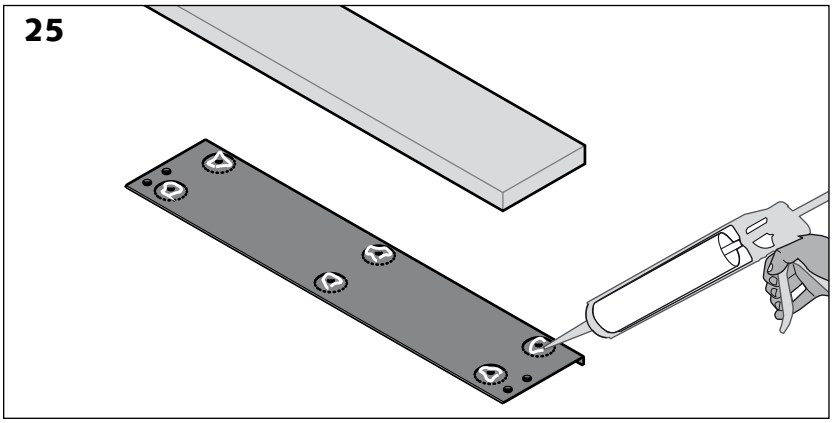
> You can glue or screw in the lugs.

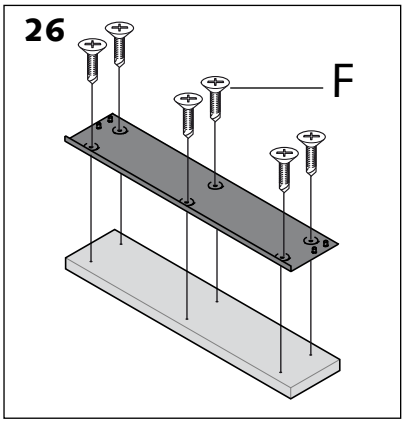
Oblong holes are provided for fixing using glue. If you are screwing the lug in, the round holes must be used.

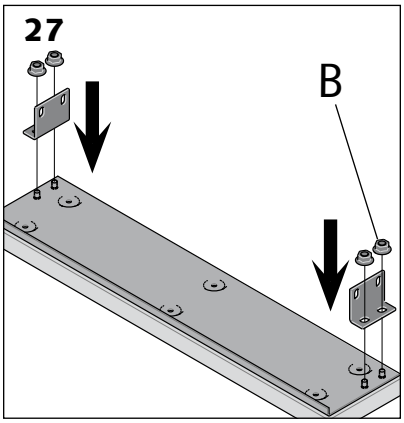












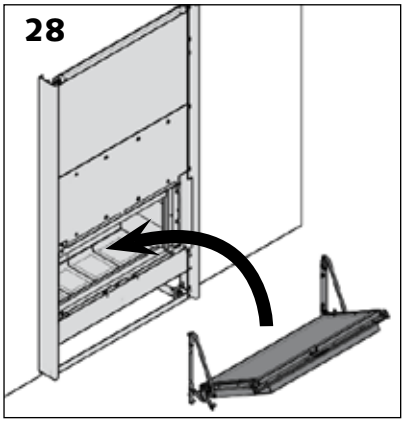
> Using pliers, break the pre-cut areas for all the angle brackets [figure 24]

> Glue or screw the finish material onto the lug [figure 25 and 26]

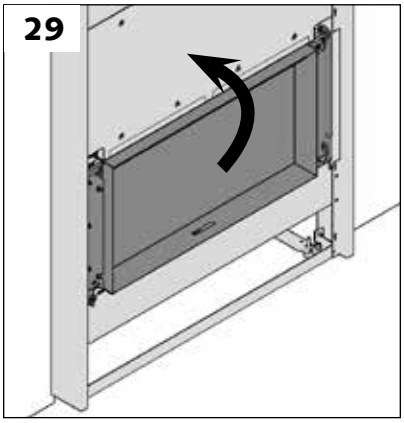
> Place both angle brackets at the top and at the bottom of the side panel

Fitting the "to be trimmed" finish

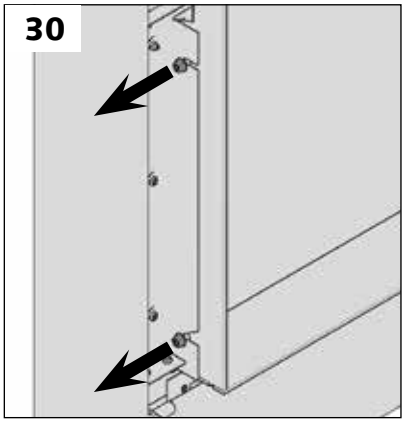
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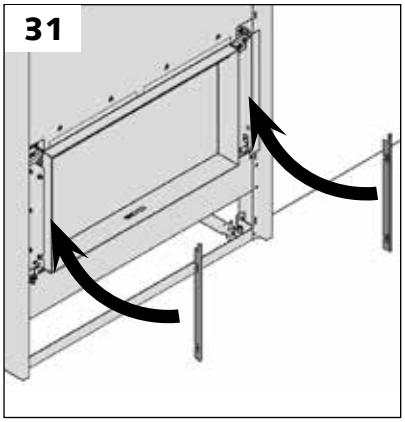
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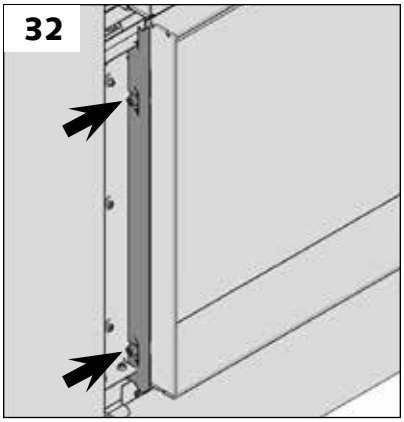
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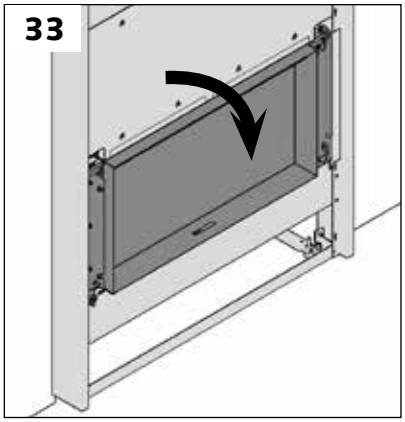
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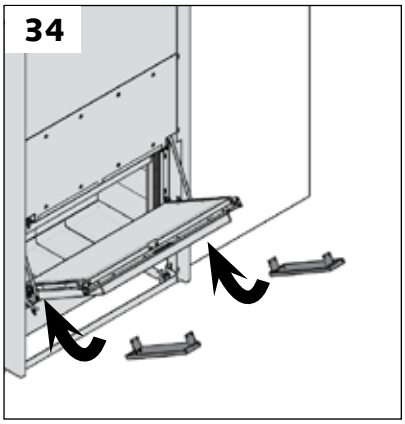
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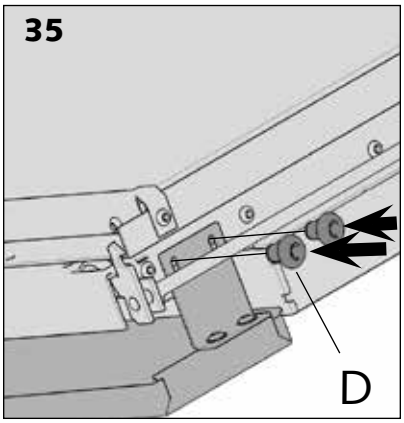
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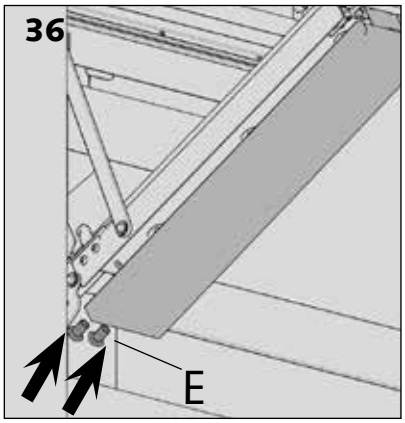
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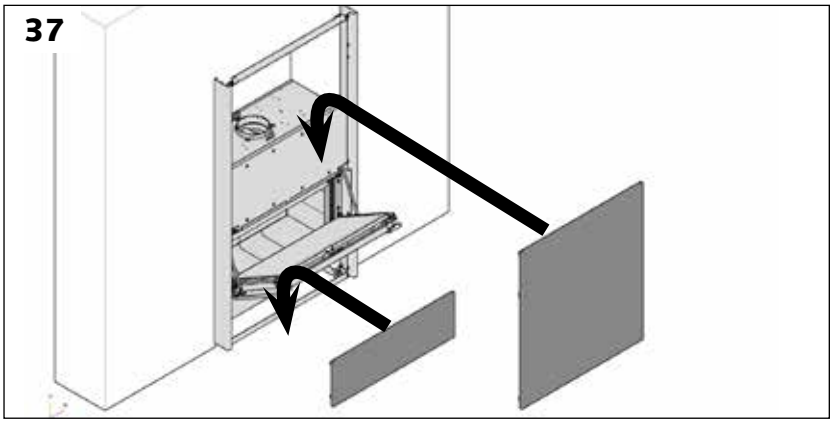
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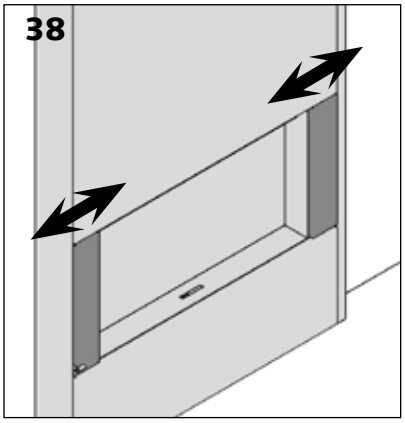
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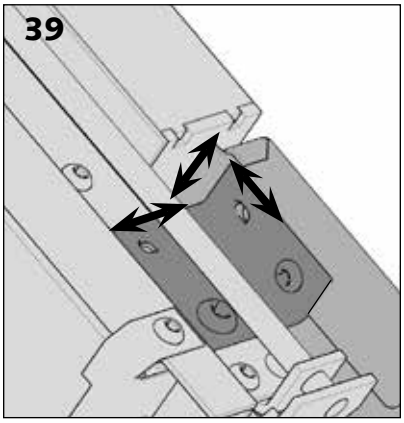


37



Fitting the "to be trimmed" finish

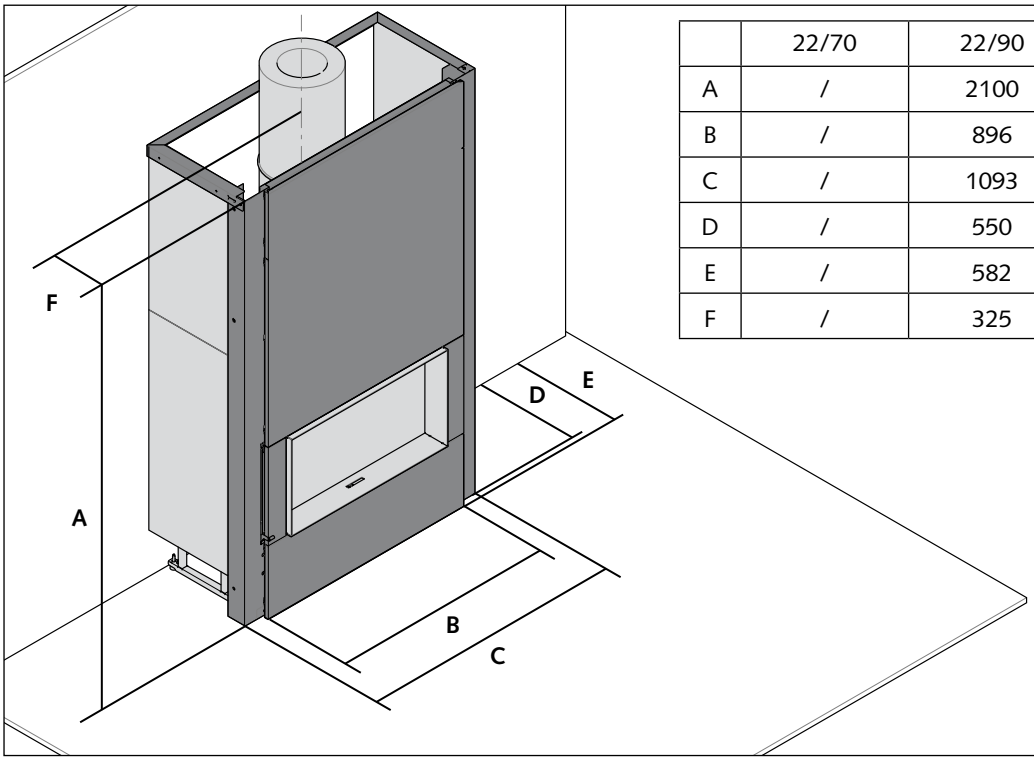




Once the doors side panels and the finishing trim panels are installed, align the different parts.
The oblong holes for the side panel fastening lugs allow adjustment in width.

FRAMEWORK TO BE TRIMMED

Dimensions of the framework to be trimmed

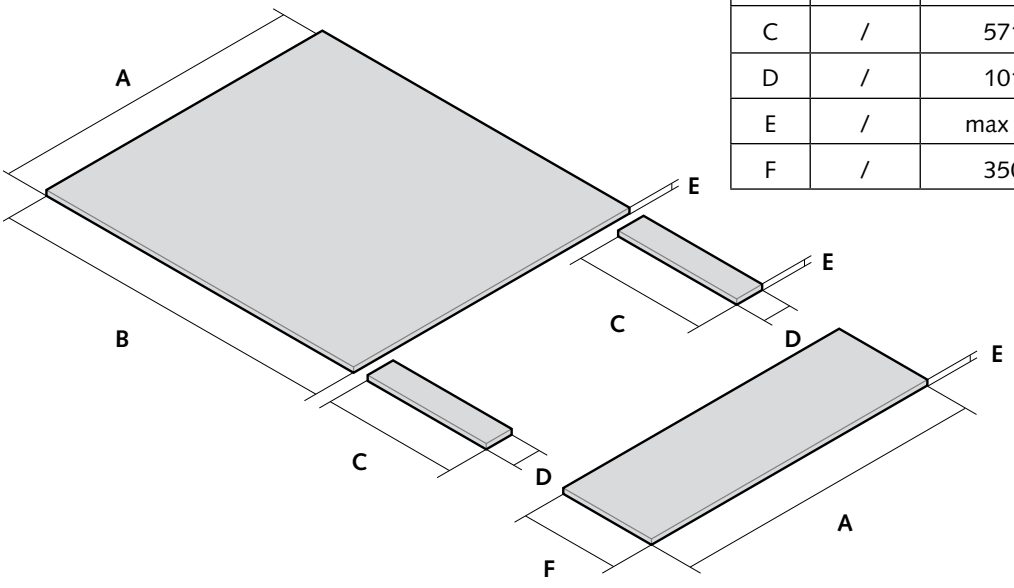


	22/70	22/90	22/110
A	/	2100	2100
B	/	896	1096
C	/	1093	1293
D	/	550	550
E	/	582	582
F	/	325	325

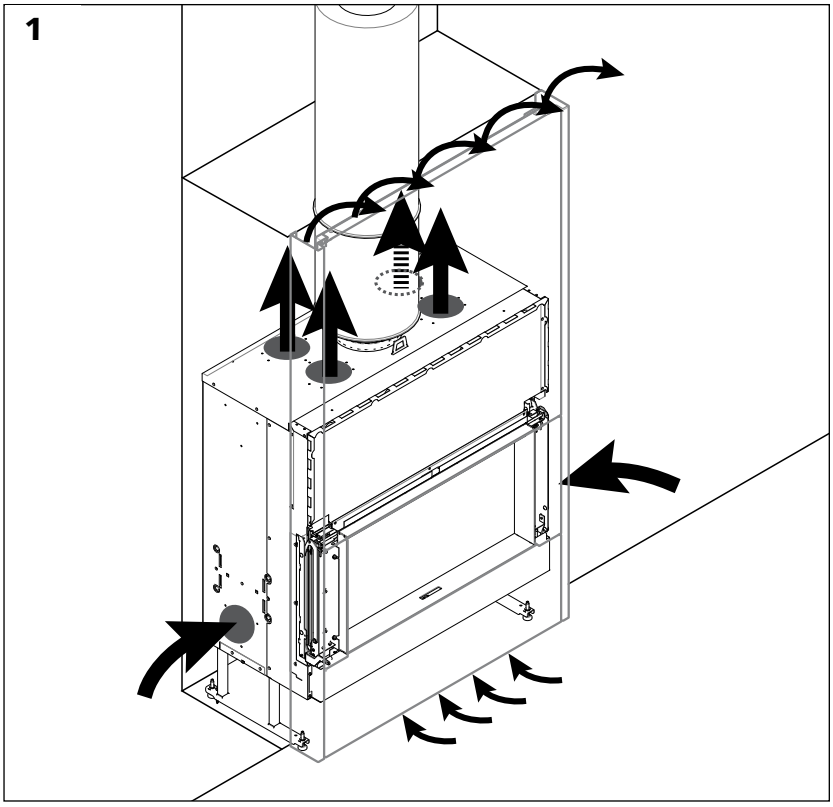
Dimensions of the trim parts for the framework to be trimmed (optional)

If you do not choose the Stûv finish but opt for a trim material of your choice, please cut your panels according to the following dimensions.

	22/70	22/90	22/110
A	/	896	1096
B	/	1127	1227
C	/	571	471
D	/	101	101
E	/	max 20	max 20
F	/	350	350



Precautions for installation of the device



For the installation of a customised trim on a top front panel, the following instructions must be observed for installation of the Stûv 22:

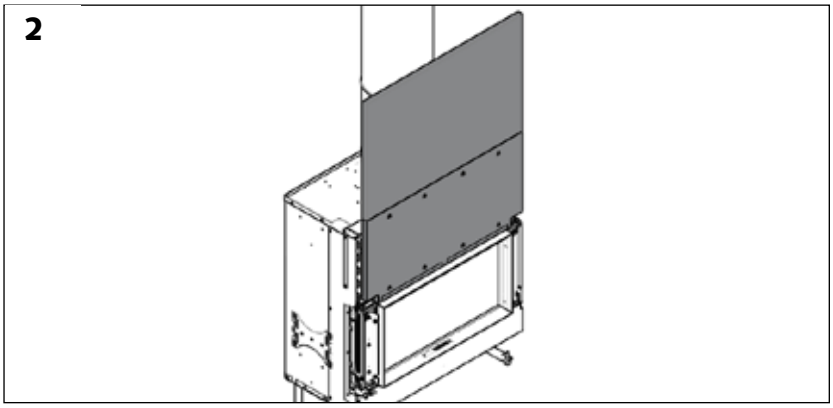
> Open 2 inlet convection vents (unless a fan is installed)

> Open 4 outlet convection vents

> The top and the bottom of the trim must not be obstructed! These sections provide the 400 cm² air intake and 500 cm² air outlet.

> The connecting duct must be insulated with at least 3cm of insulation whose R is 0.75 m²K/W

Warning!
The wall and preferably the ceiling where the hot air outlets are installed must be made of noncombustible materials.

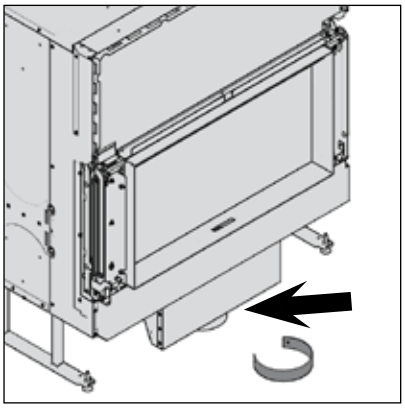


If the trim material is a combustible material, please observe the following rules in addition to the rules listed above:

> Install the insulation kit option provided by Stûv

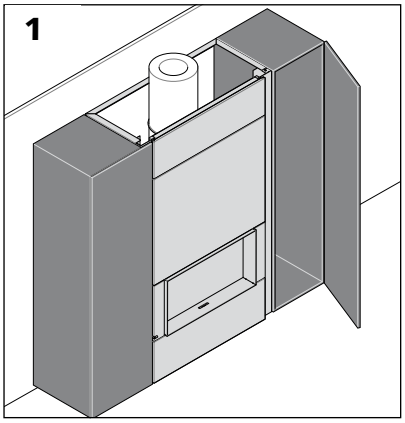
> As an extension to the Stûv insulation kit and over the entire height of the combustible material, fit an insulator with a max thickness of 30 mm, the R value of which is is 0.3m²K/W.

External air intake connection (option)



If the Stûv 22 has an outside air inlet via a hose connected under the top air box, it is recommended that a hose cover is fitted.

Framework covering

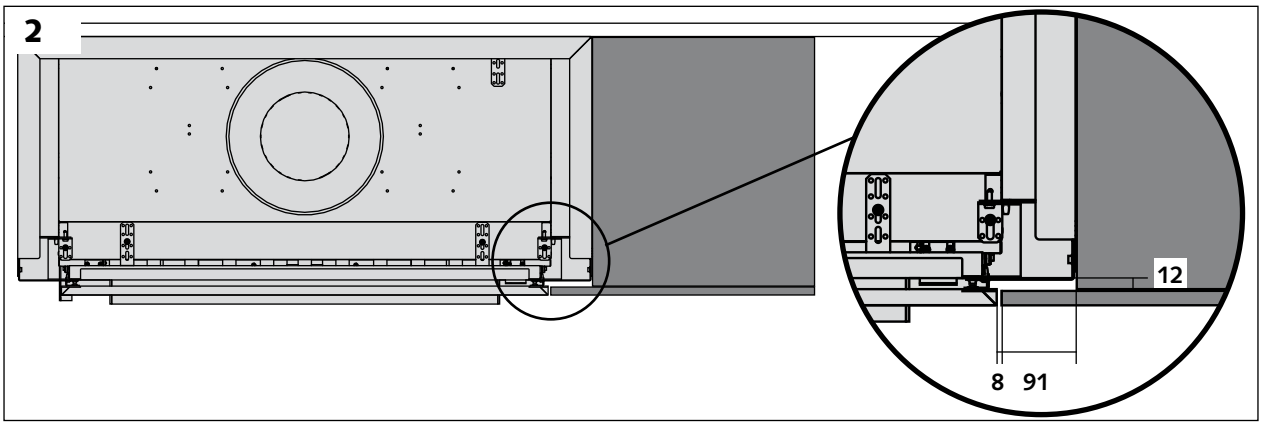


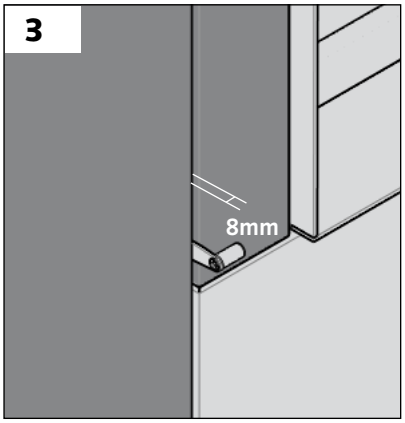
The Stûv 22I provides framework to be trimmed so that the stove can be built into a furniture unit.

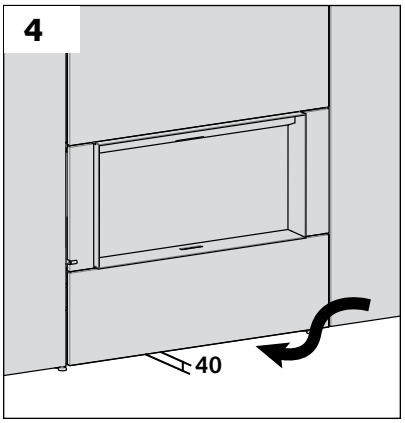
The panels of your furniture, on the front, must cover the posts by 91 mm.

It is important to leave a gap of 8 mm between the panels which are fixed onto the framework of the appliance and the doors of the furniture.

It is essential not to come into contact with the metal post. A space of approximately 14 mm guarantees a passage of air which prevents overheating of the panel.

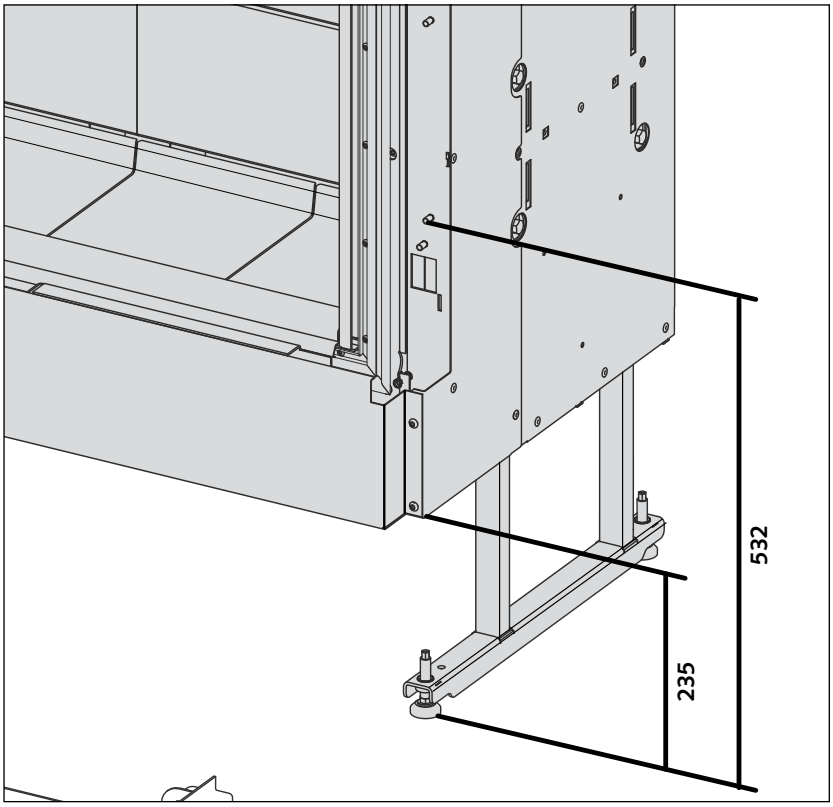






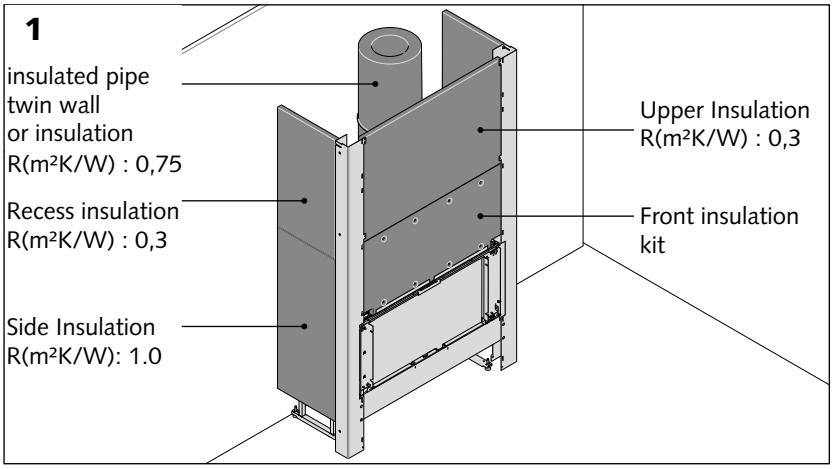
The trim is raised by 40 mm in relation to the ground. This surface provides a 400 cm² cross-section of air supply for the ventilation of the recess. It is essential that this space under the appliance is not closed. Do not fit a plinth or any other item which may obstruct the passage of air.

Height of the stove



The installation of a Stûv 22I requires that the stove is positioned at a fixed and determined height. The image opposite gives you two reference measurements.

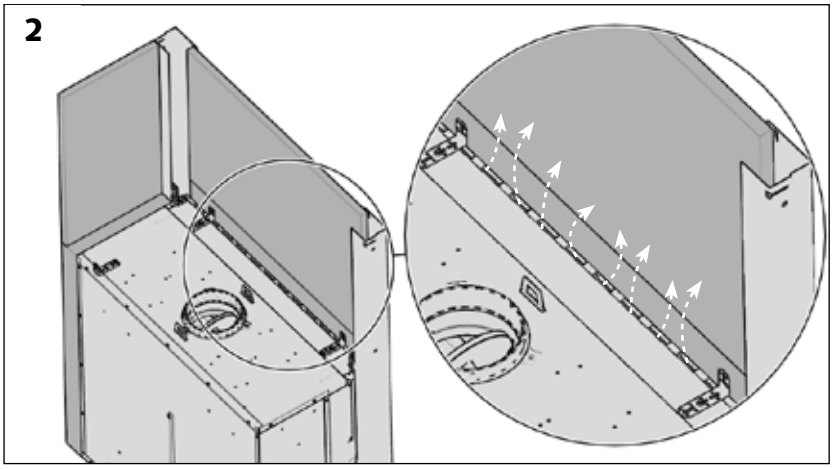
Insulation



The right insulation is needed to ensure good heat resistance of the trim elements and the furniture.

Please follow the instructions opposite.

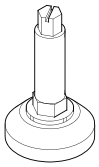
	Lambda *W/(m.K) at 200°C*	Thickness *(mm)*
Upper Insulation	0,09	30
Buse isolée	0,07	30
Isolant niche	0,09	30
Isolant côté	0,09	90



As regards the insulation of the appliance, please refer to the instructions given in the Stûv 22 manual.

When fitting the insulation, be sure not to plug the air outlet illustrated on figure 2.

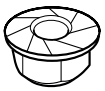
Screws and fastenings needed to fit the framework



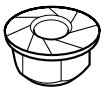
G
X 2
Adjustable base
52120002



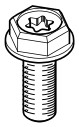
E
X 4
Torx screw M5X10
52123012



B
X 6
M5 hexagonal nut grooved washer
52113021



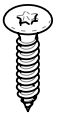
C
X 4
M6 hexagonal nut grooved washer
52113022
*Supplied with the stove



H
X 6
M6 hex bolt
52997019

+

F
This hardware depends on your choice of material and therefore is not provided with the panel.



J
X 8
Wood screw
52109001

Hardware needed to fit the Stûv finishing trim panels

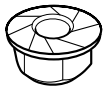


E
X 32
Torx screw M5X10
52123012



D
X 4
Torx screw M5X8
52123004

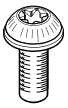
Hardware needed to fit the "to be trimmed" finishing trim panels



B
X 8
M5 hexagonal nut grooved washer
52113021



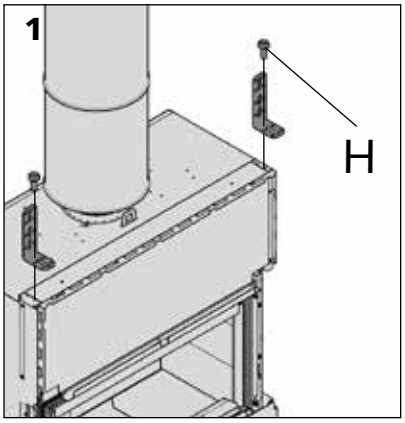
D
X 4
Torx screw M5X8
52123004

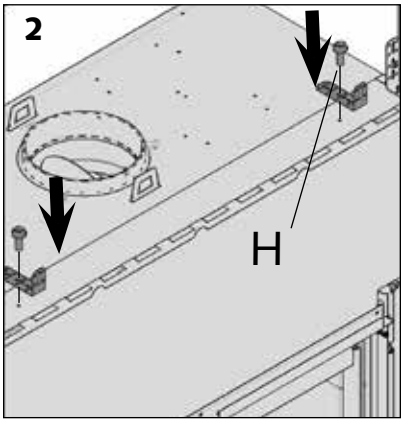


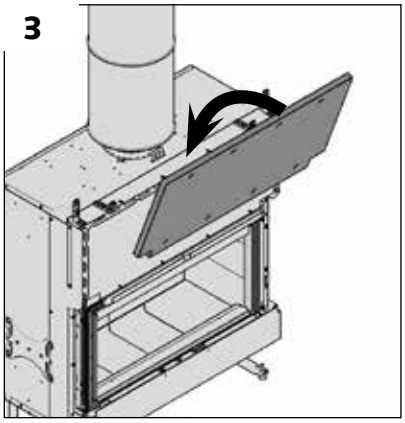
E
X 4
Torx screw M5X10
52123012

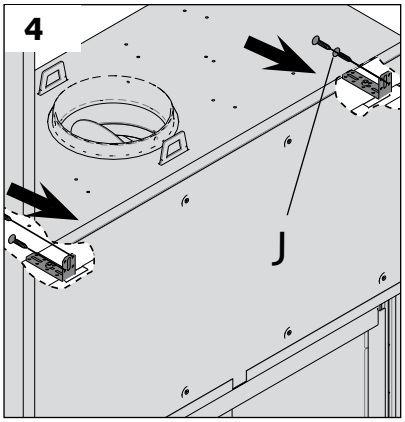
+

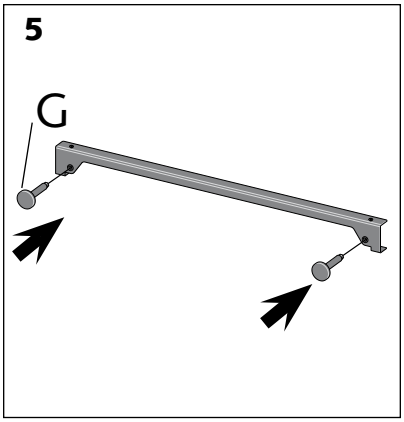
F
This hardware depends on your choice of material and therefore is not provided with the panel.

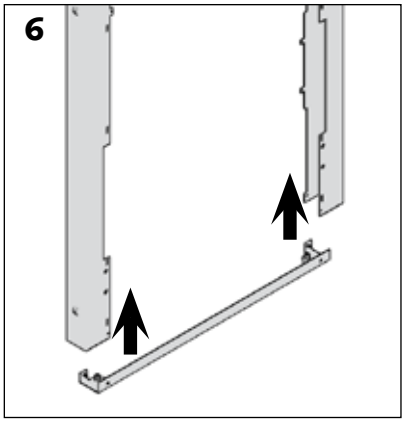

1
H

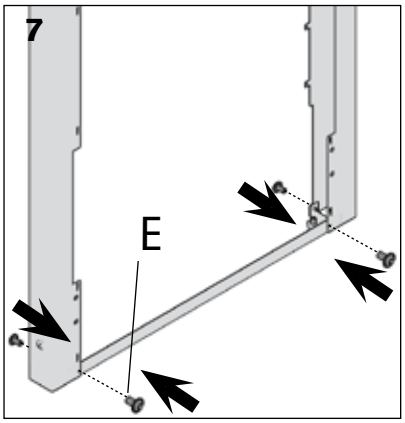

2
H

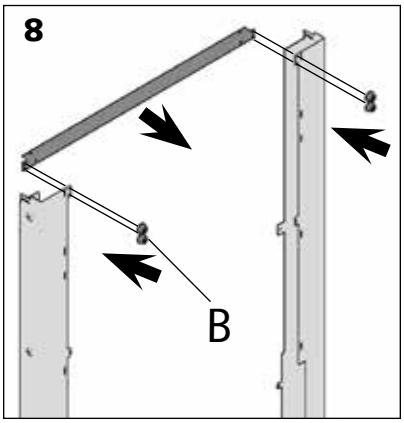

3

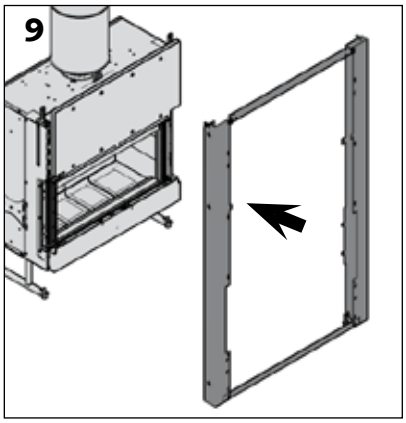

4
J

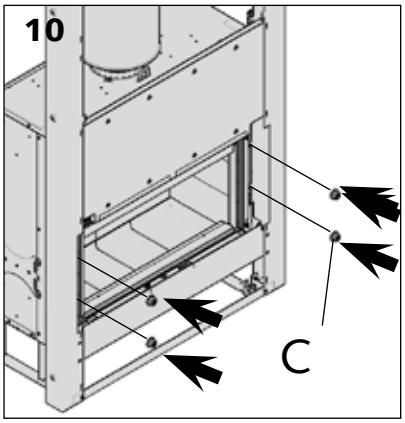

5
G

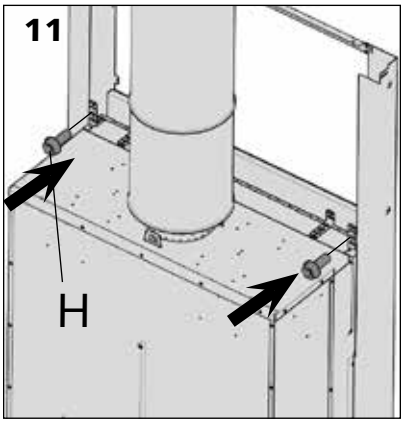

6

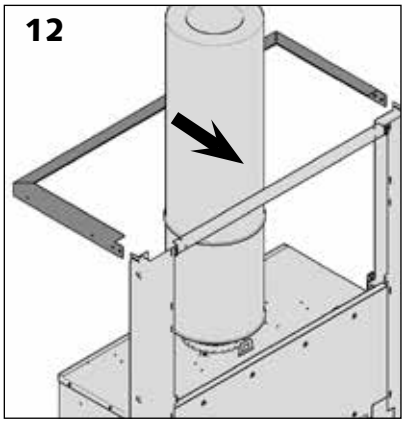

7
E

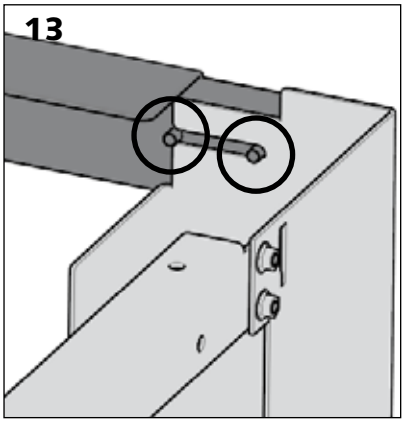

8
B

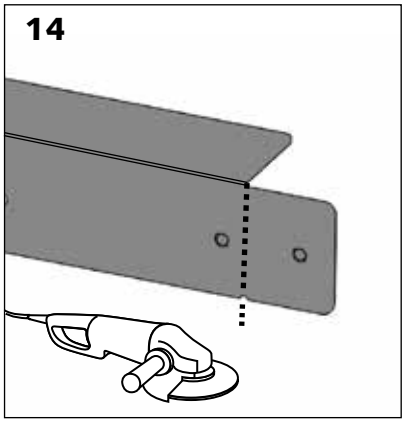

9


10
C


11
H


12

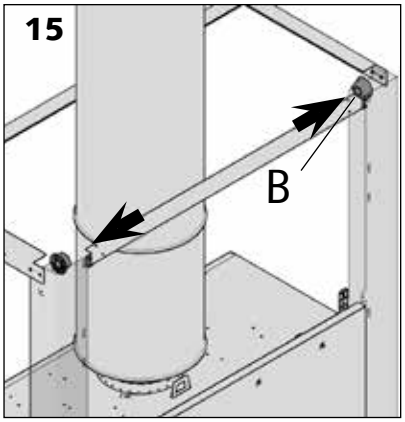


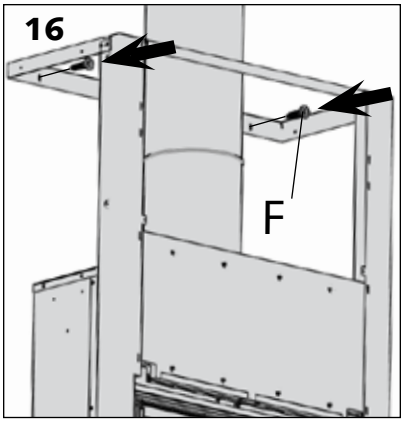


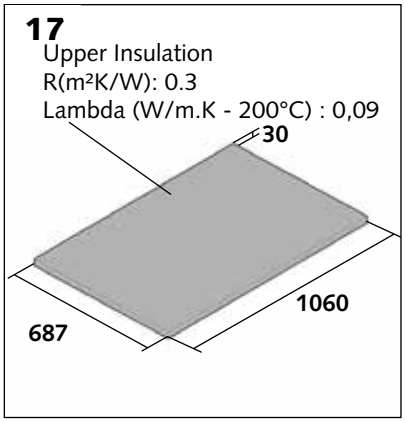
2 fasteners are provided to attach the wall angle bracket to the front framework [figure 13].

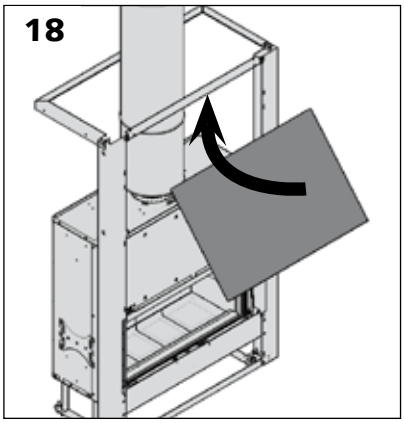
You can use the first stud if you fit insulation on the back of the Stûv 22. If your stove is installed against a noncombustible wall you will certainly be closer. If this is the case, cut the flat metal plate at the mark.

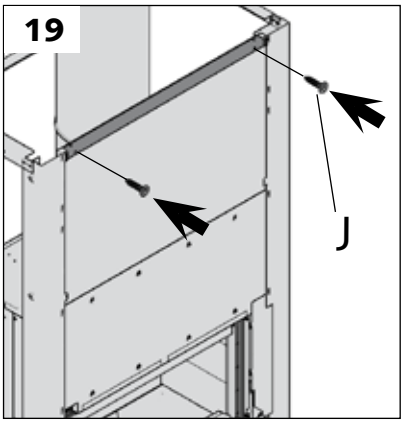
The upper insulator must have a Lambda value of 0.07 W/mK at 200°C for a thickness of 30mm.

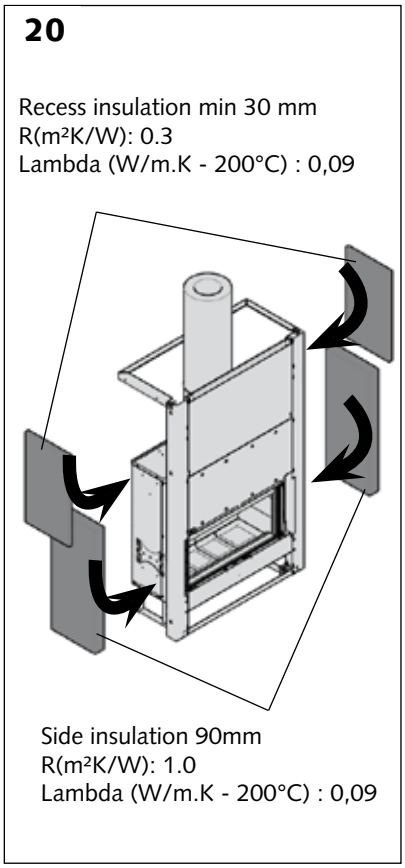


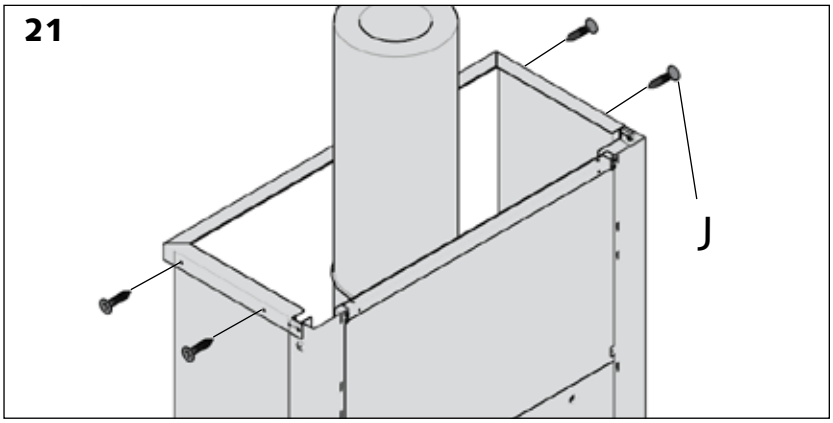


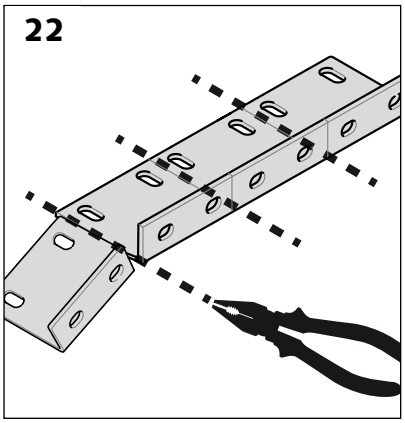


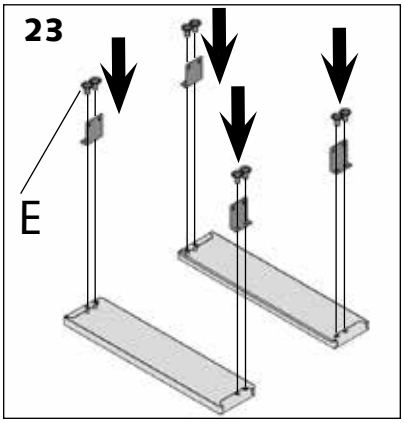


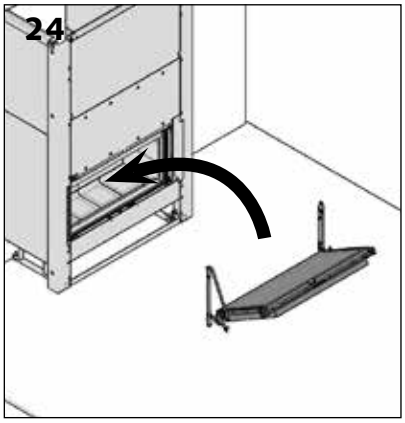


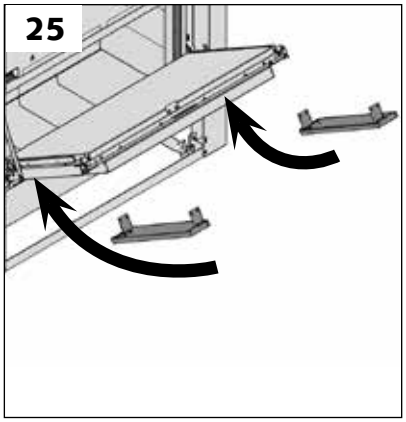


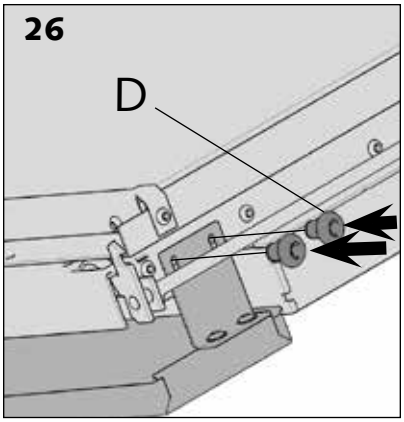


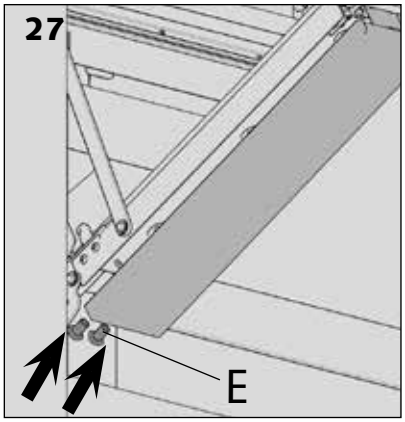


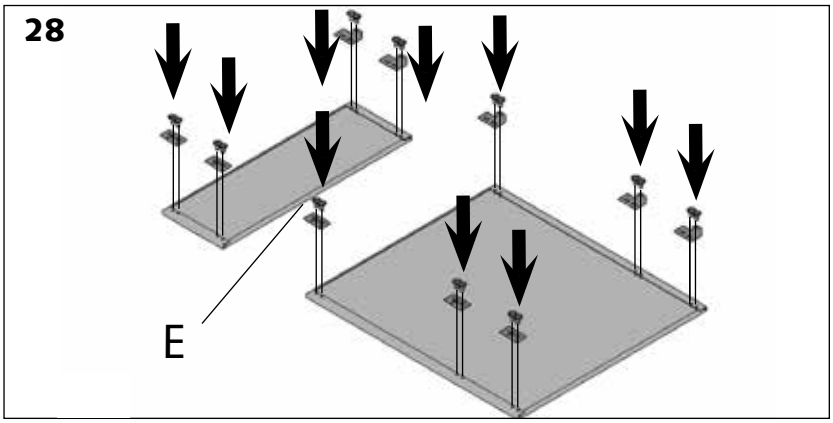


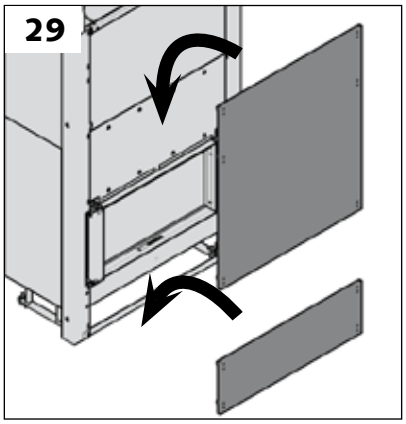


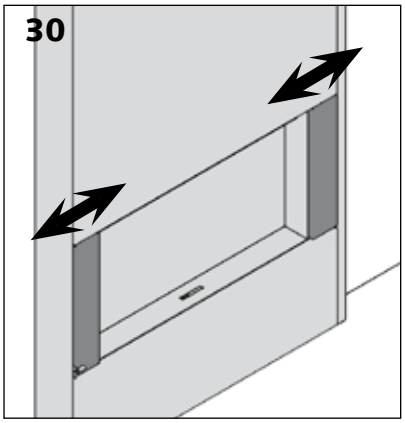


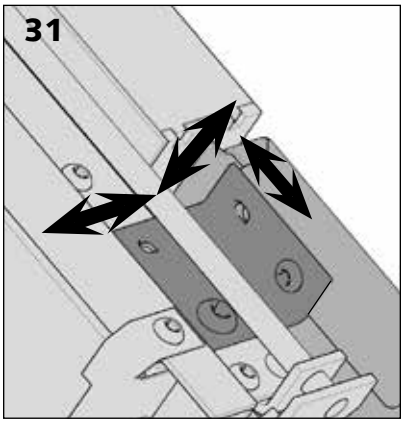






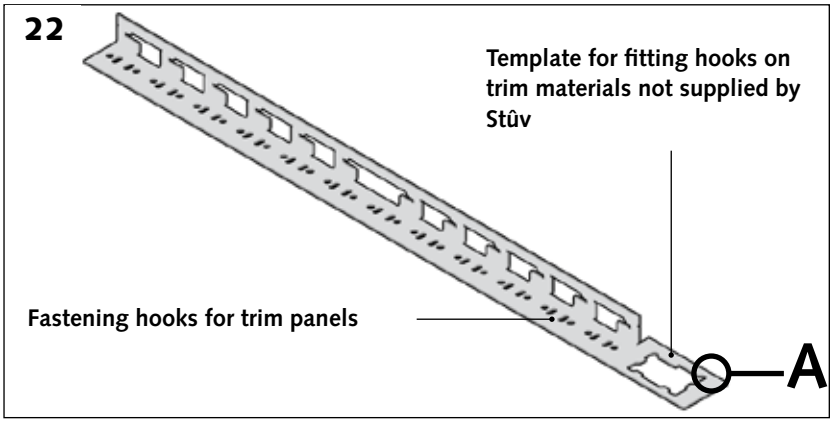




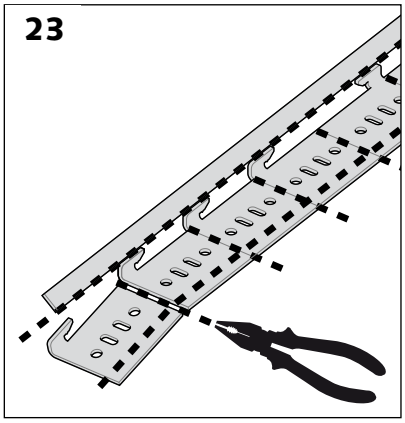


Once the doors side panels and the finishing trim panels are installed, align the different parts.
The oblong holes for the side panel fastening lugs allow adjustment in width.

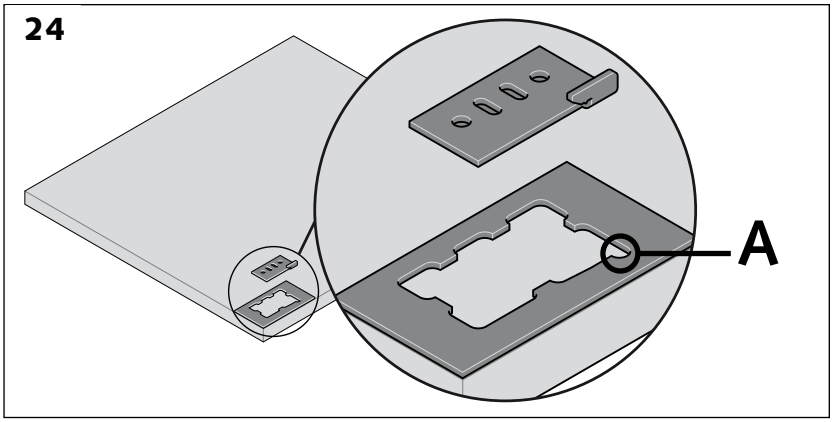
22



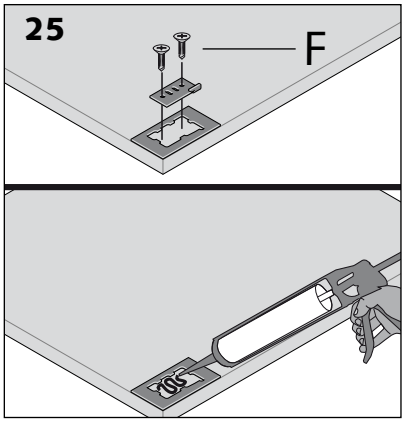
23



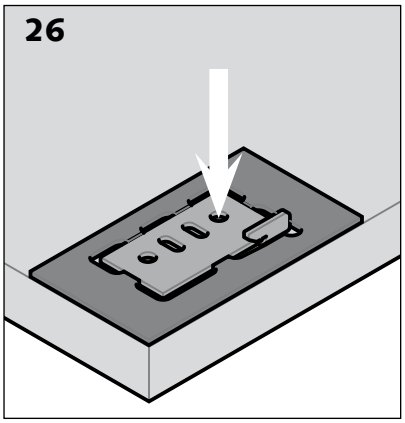
24



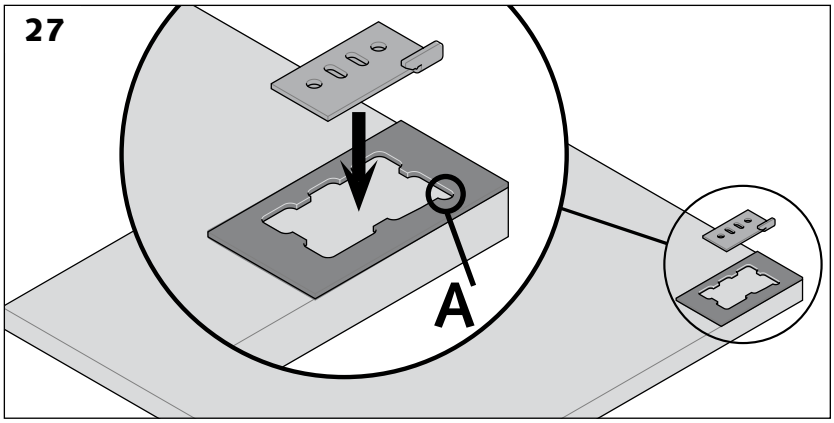
25



26



27



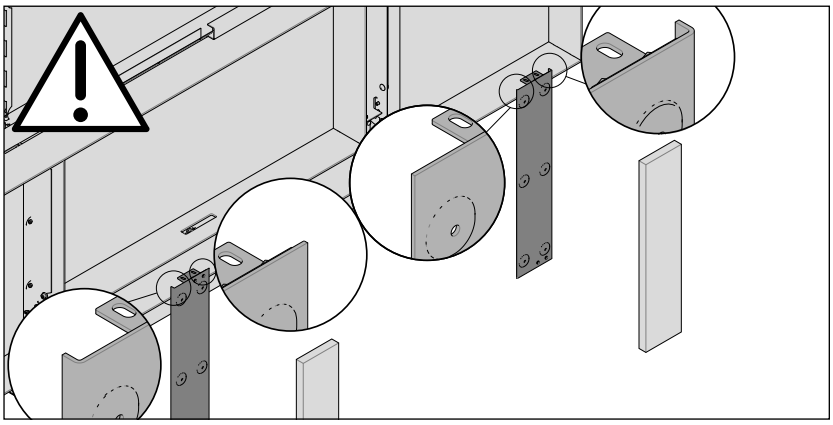
> Apply the lugs using the positioning template

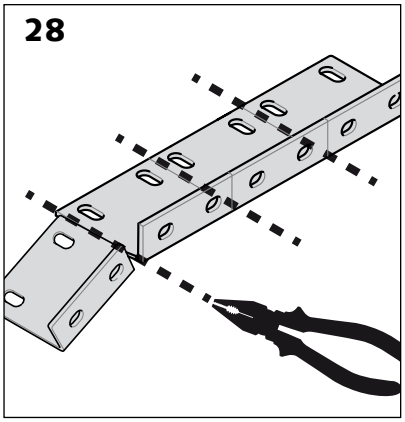
The template must be positioned on the corner of the panel.
Warning! There is a direction for fitting the template - the small rounded cut [figure 22 detail A] must always be positioned on the outer side of the panel.

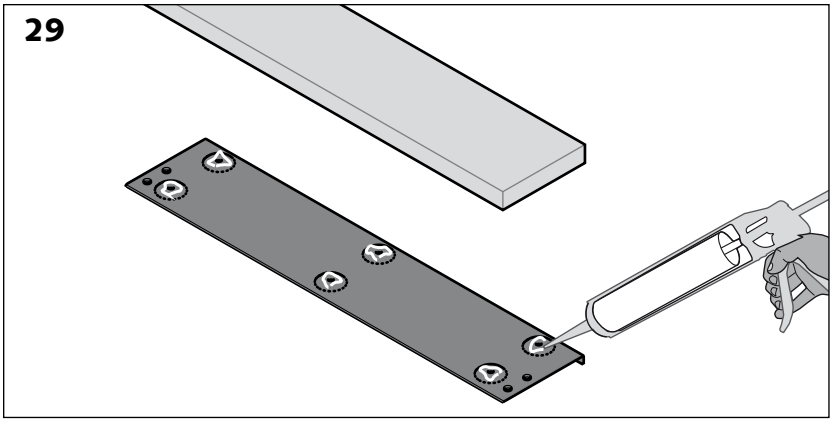
> You can glue or screw in the lugs.

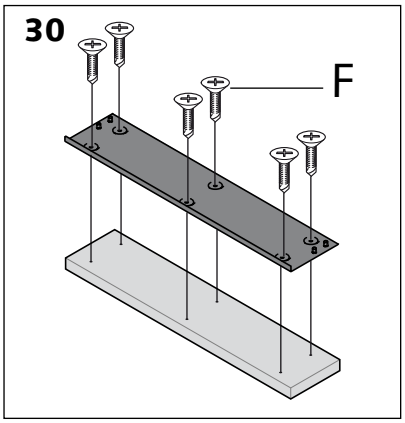
Oblong holes are provided for fixing using glue. If you are screwing the lug in, the round holes must be used.

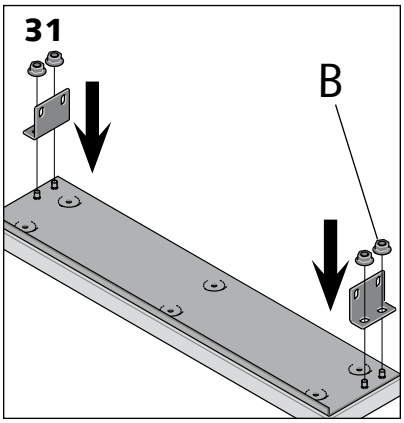
Fitting the "to be trimmed" finish







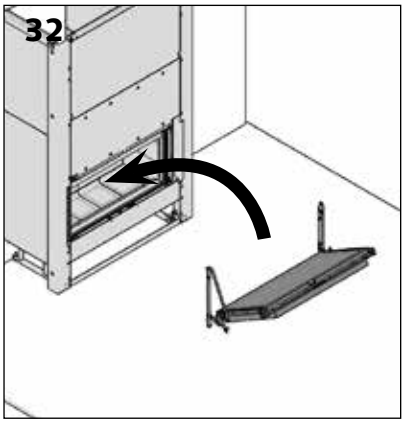


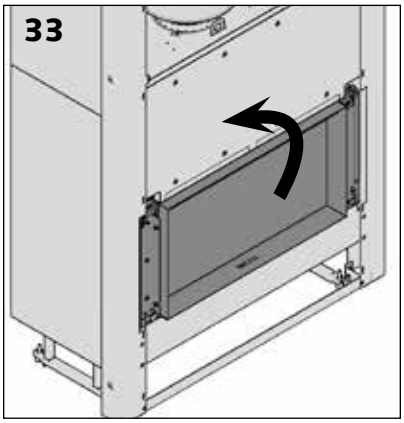


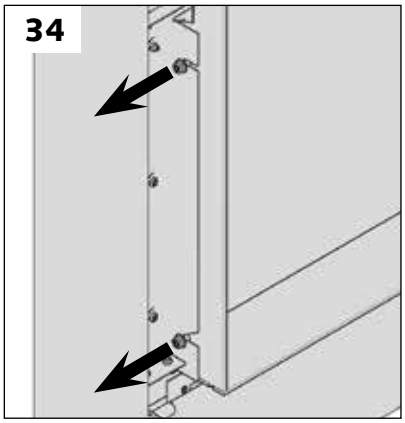
> **Using pliers, break the pre-cut areas for all the angle brackets [figure 28]**

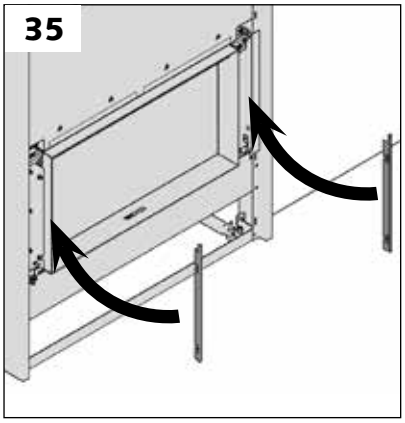
> **Glue or screw the finish material onto the lug [figure 29 and 30]**

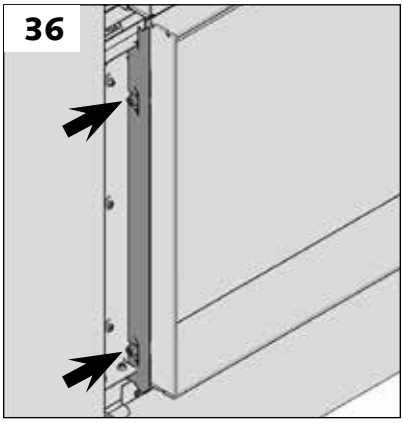
> **Place both angle brackets at the top and at the bottom of the side panel**

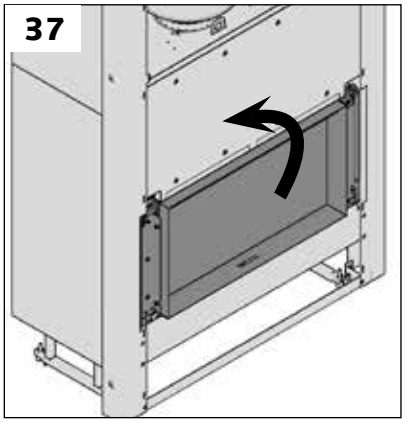


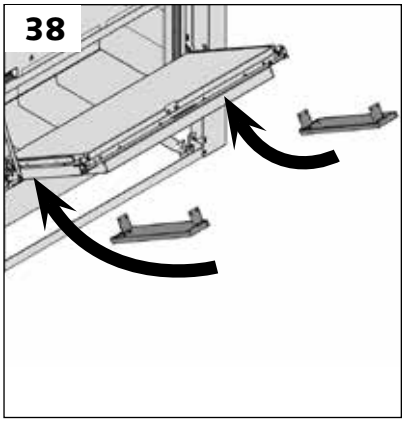


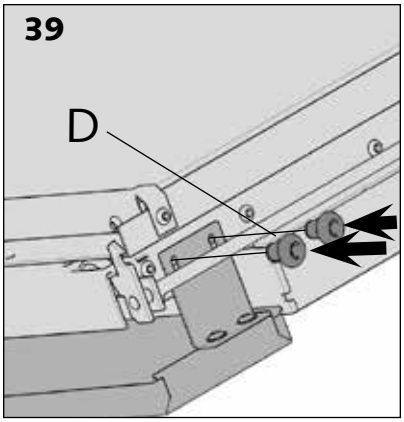


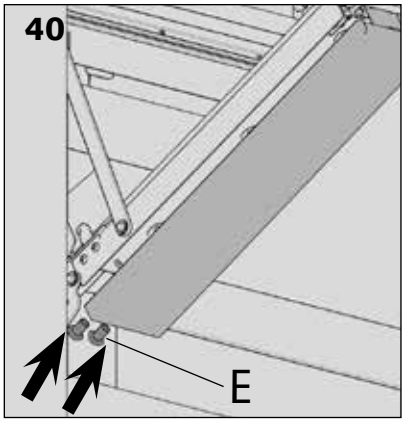


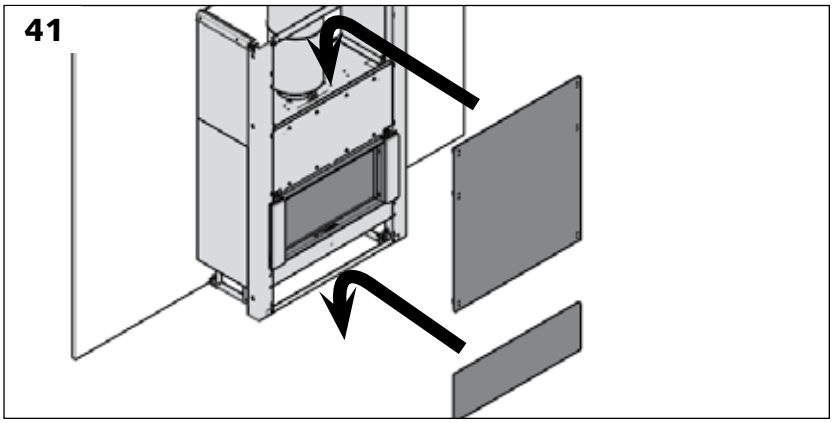






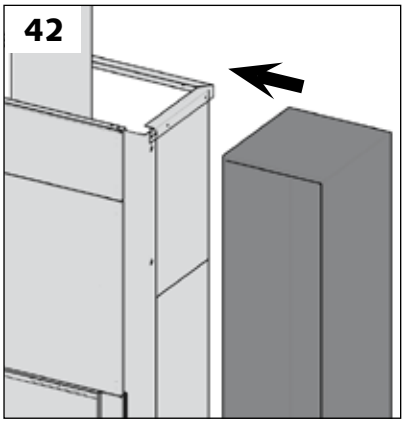


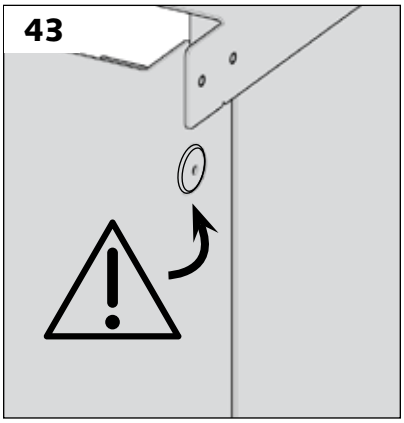


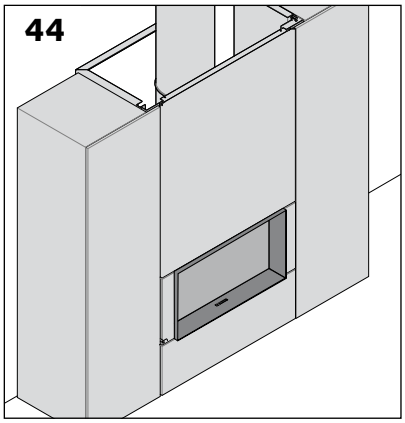


The ruts on the side of the framework provide a clearance between the trim posts and the rest of your construction. Do not obstruct this space as it allows for the passage of a layer of insulating air [figures 42 & 43].

You can use these different ruts [figure 43] to fix your furniture on both sides of the trim.







Please note

Wait for the stove to cool down completely before carrying out maintenance.

Clean with a dry cloth.

Use a traditional, non-abrasive household detergent to clean the surfaces.

Never use solvents (acetone, white spirit).

Marks left by indelible markers cannot be removed.

If necessary, Stûv can provide a spray canister for touch-up work.

Please contact your dealer about this.

CONTACTS

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Importer for Sweden

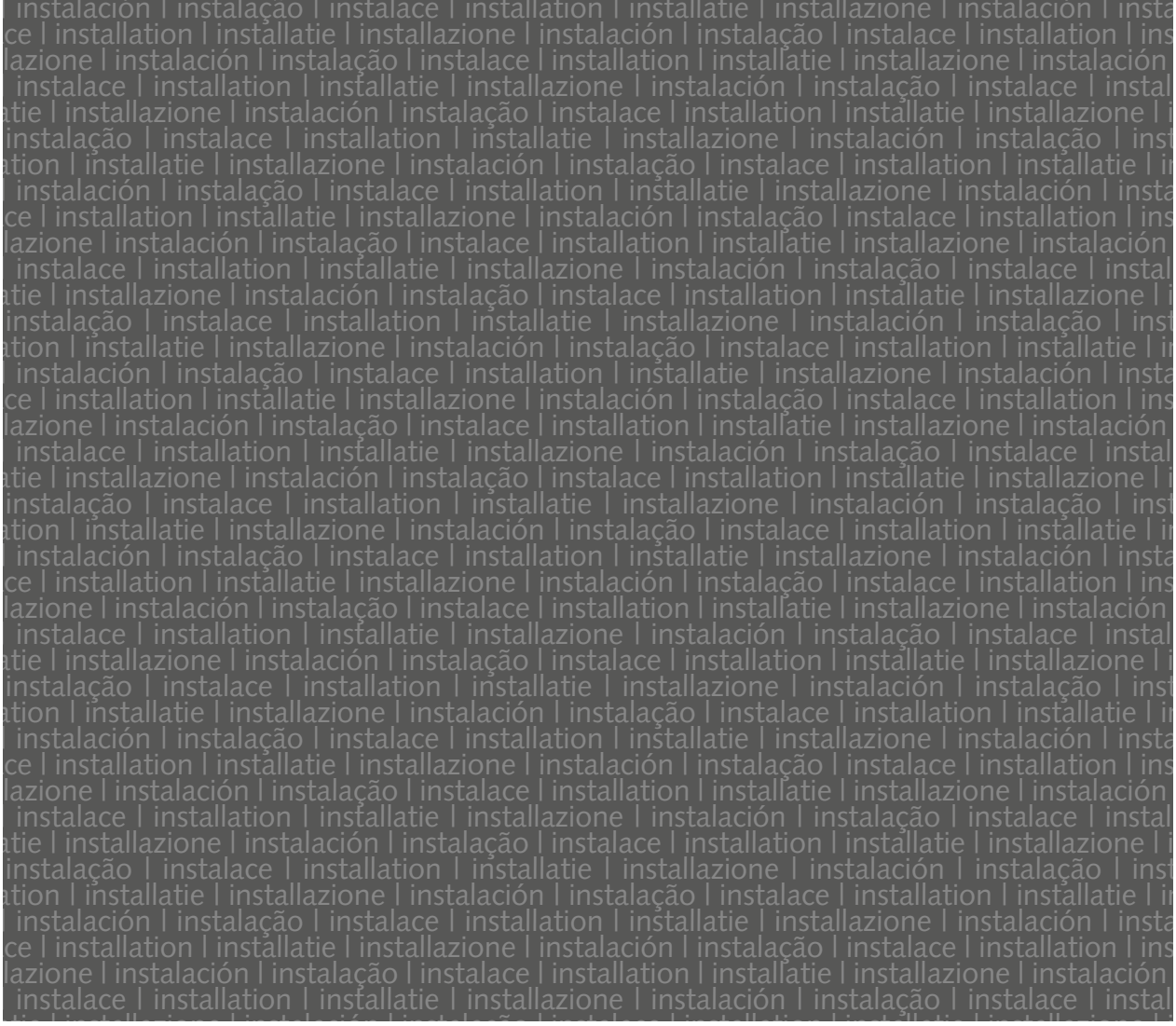
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Installation instructions Trim parts for Stûv 22 [en]

0516

Stûv reserves the right to make changes without prior notice.
These instructions have been produced with the greatest of care. However, we do not accept responsibility for any errors that may have been made.
Editor: Gérard Pitance – rue Jules Borbouse 4 – 5170 Bois-de-Villers – Belgium

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