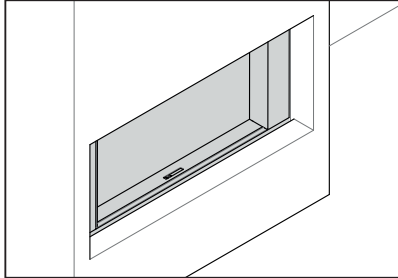
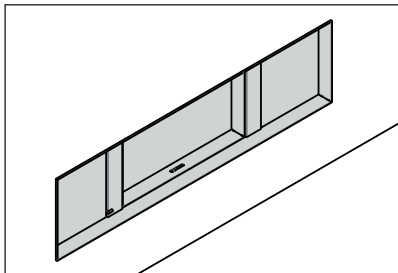
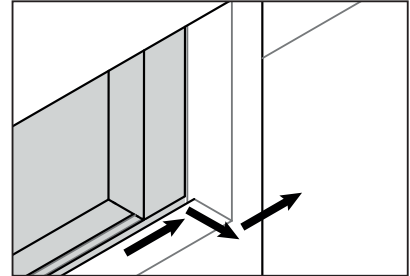


The Stuv 22 offers several installation options:



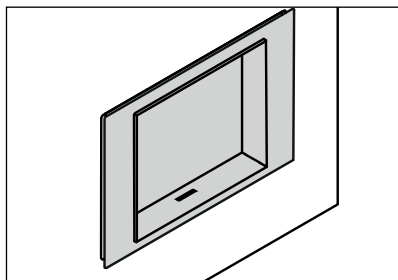
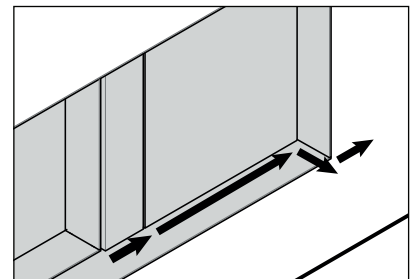
## FRAMES S1 - S4 - H

- 92mm door frame
- Door grip on left
- Welded sides



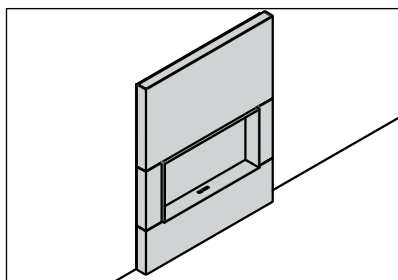
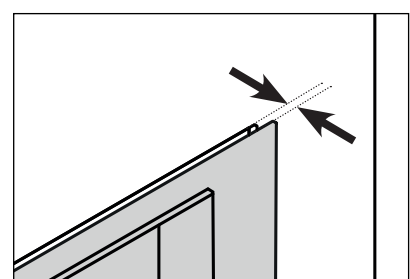
## FRAMES L4

- 92mm door frame
- Door grip on left
- Available in version ready to decorate



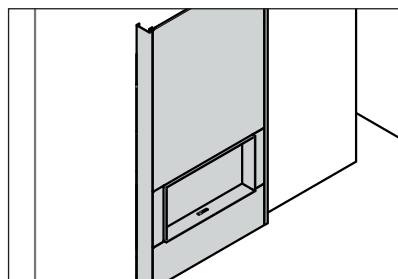
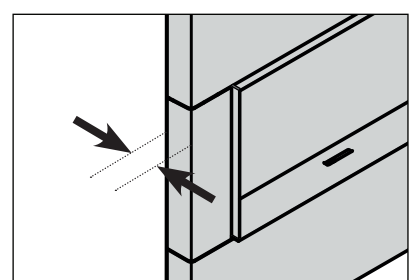
## FRAMES A4

- 125 mm door frame
- Door grip on right
- For use only with thin partitions



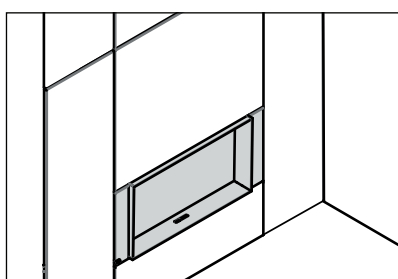
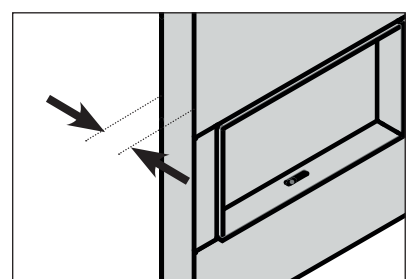
## DS FRONT

- 125 mm door frame
- Door grip on right



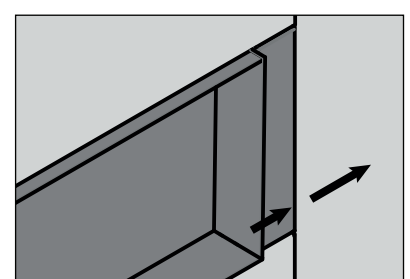
## DH FRONT

- 125 mm door frame
- Door grip on left
- Available in version ready to decorate



## STRUCTURE READY TO DECORATE

- 125 mm door frame
- Door grip on left
- Structure to be decorated with panels (e.g.: wood, fibres, sheet metal)



# Stûv 22 | Different finishings

stûv

## S1 - S4 - H FRAMES / DARK GREY

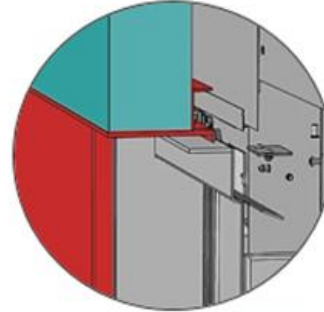


### TRADITIONAL METHOD

CALCIUM SILICATE PANELS

MASONRY

PLASTERBOARD



### WALL COVERS FRAME

DOOR FRAME 92 MM

SIDE PANEL WELDED WITH THE DOOR FRAME

LEFT GRIP

## L4 FRAME / DARK GREY + TO BE TRIMMED

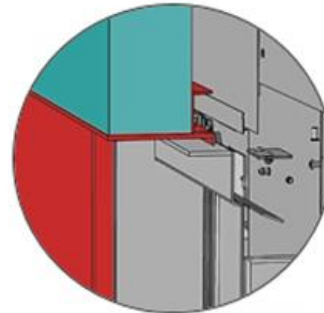


### TRADITIONAL METHOD

CALCIUM SILICATE PANELS

MASONRY

PLASTERBOARD



### WALL COVERS FRAME

DOOR FRAME 92 MM

SIDE PANEL ALIGNED WITH THE DOOR FRAME

LEFT GRIP

## A4 FRAME / 3 COLORS + RUST

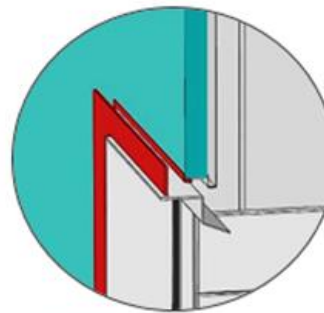


### THIN WALL (15 AND 40 MM MAX.)

CALCIUM SILICATE PANELS

PLASTERBOARD

ETC.



### FRAME COVERS WALL

DOOR FRAME 125 MM

DOOR FRAME ALIGNED WITH THE FINISHING FRAME

RIGHT GRIP

# Stûv 22 | Different finishings



## DS / 3 COLORS + RUST

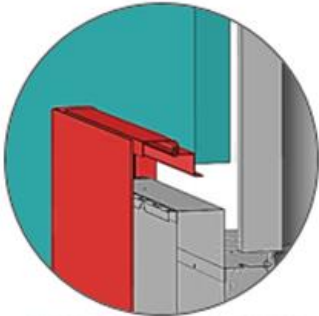


### TRADITIONAL METHOD

CALCIUM SILICATE PANELS

MASONRY

PLASTERBOARD



### FRAME COVERS WALL

DOOR FRAME 125 MM

SIDE PANEL ALIGNED WITH THE FRONT PANEL

RIGHT GRIP

## DH / 3 COLORS + RUST + TO BE TRIMMED

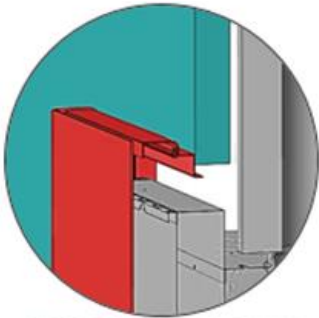


### TRADITIONAL METHOD

CALCIUM SILICATE PANELS

MASONRY

PLASTERBOARD



### FRAME COVERS WALL

DOOR FRAME 125 MM

SIDE PANEL ALIGNED WITH THE FRONT PANEL

LEFT GRIP

## STRUCTURE TO BE TRIMMED - INTEGRATION



### PANEL WORK (MAX. 20 MM)

WOOD

CEMENT FIBER



### WALL PANELS

DOOR FRAME 125 MM

DOOR FRAME ALIGNED WITH THE FINISHING FRAME

LEFT GRIP

## 22/70 | The stove

stuv

## enjoyment of the fire

the fire is fully and equally visible in open and closed modes

## architectural integration

precision control of combustion, wide range of usage, high efficiency  
extremely air-tight system

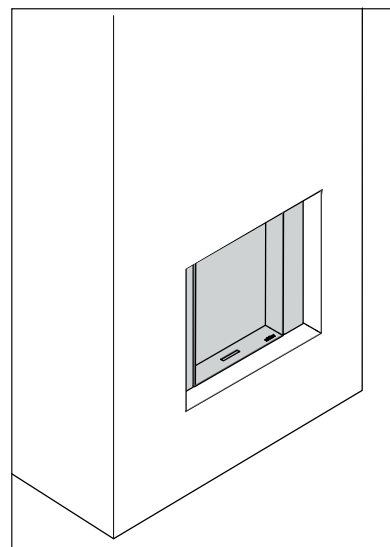
## easy to use and maintain

easy to use in open fire mode thanks to air valve and integrated system for managing compensation air

easy installation: a single core hole for direct air inlet and compensation air

## patents

EP 1445541



## TECHNICAL OVERVIEW

## GENERAL

TYPE OF STOVE	fitted
MATERIALS	steel + cast iron + refractory bricks
COLOUR	Dark Grey
LOADING	manual
FUEL	wood
LOG POSITION	horizontal
LOG LENGTH	55/33 cm

## WEIGHT / SIZE

WEIGHT	230 kg
Ø OF SMOKE FLUE	180 mm
Ø OF HOT AIR OUTLETS	150 mm
Ø OF OUTSIDE AIR INLET	160 mm

## AIR

DIRECT EXTERNAL INLET	✓
PRIMARY AIR CONTROL	✓
SECONDARY AIR CONTROL	✓
POST-COMBUSTION	✓
AIR-TIGHTNESS	+++
OPERATES WITHOUT FAN	✓
OVERHEATING INDICATOR	✓
COMPENSATION AIR	✓

## PERFORMANCE

NOMINAL OUTPUT	11 kW
RANGE OF USAGE	4-12 kW
EFFICIENCY	80%
CO EMISSIONS	0.08%
FINE PARTICLE EMISSIONS	20 mg/Nm³
WOOD CONSUMPTION RANGE	1.2-3.8 kg/h
MINIMUM DRAW	12 Pa
SMOKE MASS FLOW	10.7 g/s
AVERAGE TEMP. OF SMOKE	262°C
CONSUMPTION OF ROOM AIR FOR COMBUSTION	32 m³/h
ENERGY EFFICIENCY INDEX (EEI)	107
ENERGY EFFICIENCY CLASS	A+

## MINIMUM THICKNESS OF INSULATION BETWEEN STOVE AND COMBUSTIBLE MATERIALS

BACK FACE	9 cm
SIDE FACE	7 cm
TOP FACE	7.5 cm
BOTTOM FACE	0 cm

## ACCESSORIES / EQUIPMENT

HEAT ACCUMULATION	X
CUPBOARDS	X
BARBECUE	○
ASH PAN	X
FAÇADE	○
OPEN FIRE	○
GROUND PLATE	X
READY-TO-FIT	X
LOG RACK	○
ROTATING	X
BASE	X
FAN	○
RETRACTABLE GLASS	✓

## LEGEND

✓	STANDARD
X	UNAVAILABLE
○	OPTIONAL

Conforms with:

- OPair (CH)  
- BlmSchV2 (DE)  
- BE Phase 1, 2 & 3



Le label du chauffage au bois



in accordance with



**enjoyment of the fire**

the fire is fully and equally visible in open and closed modes

**architectural integration**

precision control of combustion, wide range of usage, high efficiency  
extremely air-tight system

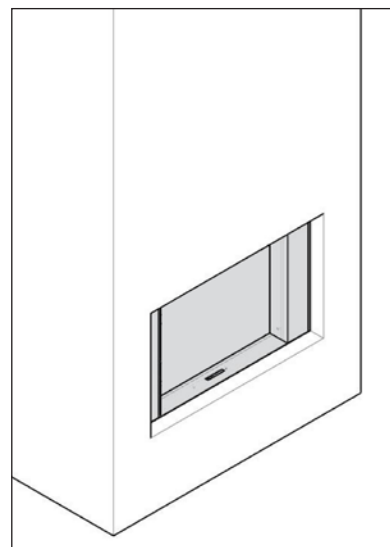
**easy to use and maintain**

easy to use in open fire mode thanks to air valve and integrated system for managing compensation air

easy installation: a single core hole for direct air inlet and compensation air  
simple cleaning and maintenance

**patents**

EP 1445541

**TECHNICAL OVERVIEW****GENERAL**

TYPE OF STOVE	fitted
MATERIALS	steel + cast iron + refractory bricks
COLOUR	Dark Grey
LOADING	manual
FUEL	wood
LOG POSITION	horizontal
LOG LENGTH	50 cm

**WEIGHT / SIZE**

WEIGHT	250 kg
Ø OF SMOKE FLUE	200 mm
Ø OF HOT AIR OUTLETS	150 mm
Ø OF OUTSIDE AIR INLET	160 mm

**AIR**

DIRECT EXTERNAL INLET	✓
PRIMARY AIR CONTROL	✓
SECONDARY AIR CONTROL	✓
POST-COMBUSTION	✓
AIR-TIGHTNESS	+++
OPERATES WITHOUT FAN	✓
OVERHEATING INDICATOR	✓
COMPENSATION AIR	✓

**PERFORMANCE**

NOMINAL OUTPUT	15 kW
RANGE OF USAGE	5-16 kW
EFFICIENCY	80%
CO EMISSIONS	0.08%
FINE PARTICLE EMISSIONS	18 mg/Nm³
WOOD CONSUMPTION RANGE	1.6-5 kg/h
MINIMUM DRAW	12 Pa
SMOKE MASS FLOW	12.5 g/s
AVERAGE TEMP. OF SMOKE	284°C
CONSUMPTION OF ROOM AIR FOR COMBUSTION	37 m³/h
ENERGY EFFICIENCY INDEX (EEI)	107
ENERGY EFFICIENCY CLASS	A+

**MINIMUM THICKNESS OF INSULATION BETWEEN STOVE AND COMBUSTIBLE MATERIALS**

BACK FACE	7 cm
SIDE FACE	7 cm
TOP FACE	6 cm
BOTTOM FACE	5 cm

**ACCESSORIES / EQUIPMENT**

HEAT ACCUMULATION	X
CUPBOARDS	X
BARBECUE	○
ASH PAN	X
FAÇADE	○
OPEN FIRE	○
GROUND PLATE	X
READY-TO-FIT	X
LOG RACK	○
ROTATING	X
BASE	X
FAN	○
RETRACTABLE GLASS	✓

**LEGEND**

✓	STANDARD
X	UNAVAILABLE
○	OPTIONAL

Conforms with:

- OPair (CH)  
- BlmSchV2 (DE)  
- BE Phase 1, 2 & 3



in accordance with



## 22/110 | The stove

stuv

## enjoyment of the fire

the fire is fully and equally visible in open and closed modes

## architectural integration

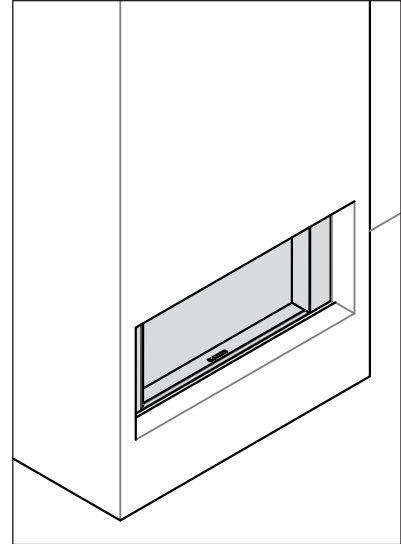
precision control of combustion, wide range of usage, high efficiency  
extremely air-tight system  
making the finish easier; the frames enable masonry to be concealed and the wall to be protected from radiation and dirt

## easy to use and maintain

easy to use in open fire mode thanks to air valve and integrated system for managing compensation air  
easy installation: a single core hole for direct air inlet and compensation air  
simple cleaning and maintenance

## patents

EP 1445541



## TECHNICAL OVERVIEW

## GENERAL

TYPE OF STOVE	fitted
MATERIALS	steel + cast iron + refractory bricks
COLOUR	Dark Grey
LOADING	manual
FUEL	wood
LOG POSITION	horizontal
LOG LENGTH	80 cm

## WEIGHT / SIZE

WEIGHT	277 kg
Ø OF SMOKE FLUE	200 mm
Ø OF HOT AIR OUTLETS	150 mm
Ø OF OUTSIDE AIR INLET	160 mm

## AIR

DIRECT EXTERNAL INLET	✓
PRIMARY AIR CONTROL	✓
SECONDARY AIR CONTROL	✓
POST-COMBUSTION	✓
AIR-TIGHTNESS	+++
OPERATES WITHOUT FAN	✓
OVERHEATING INDICATOR	✓
COMPENSATION AIR	✓

## PERFORMANCE

NOMINAL OUTPUT	16.5 kW
RANGE OF USAGE	5-18 kW
EFFICIENCY	80%
CO EMISSIONS	0.09%
FINE PARTICLE EMISSIONS	26 mg/Nm³
WOOD CONSUMPTION RANGE	1.6-5.6 kg/h
MINIMUM DRAW	12 Pa
SMOKE MASS FLOW	14.9 g/s
AVERAGE TEMP. OF SMOKE	283°C
CONSUMPTION OF ROOM AIR FOR COMBUSTION	44 m³/h
ENERGY EFFICIENCY INDEX (EEI)	107
ENERGY EFFICIENCY CLASS	A+

## MINIMUM THICKNESS OF INSULATION BETWEEN STOVE AND COMBUSTIBLE MATERIALS

BACK FACE	11 cm
SIDE FACE	14 cm
TOP FACE	13 cm
BOTTOM FACE	5 cm

## ACCESSORIES / EQUIPMENT

HEAT ACCUMULATION	X
CUPBOARDS	X
BARBECUE	○
ASH PAN	X
FAÇADE	○
OPEN FIRE	○
GROUND PLATE	X
READY-TO-FIT	X
LOG RACK	○
ROTATING	X
BASE	X
FAN	○
RETRACTABLE GLASS	✓

## LEGEND

✓	STANDARD
X	UNAVAILABLE
○	OPTIONAL

Conforms with:

- OPair (CH)  
- BlmSchV2 (DE)  
- BE Phase 1, 2 & 3



Le label du chauffage au bois



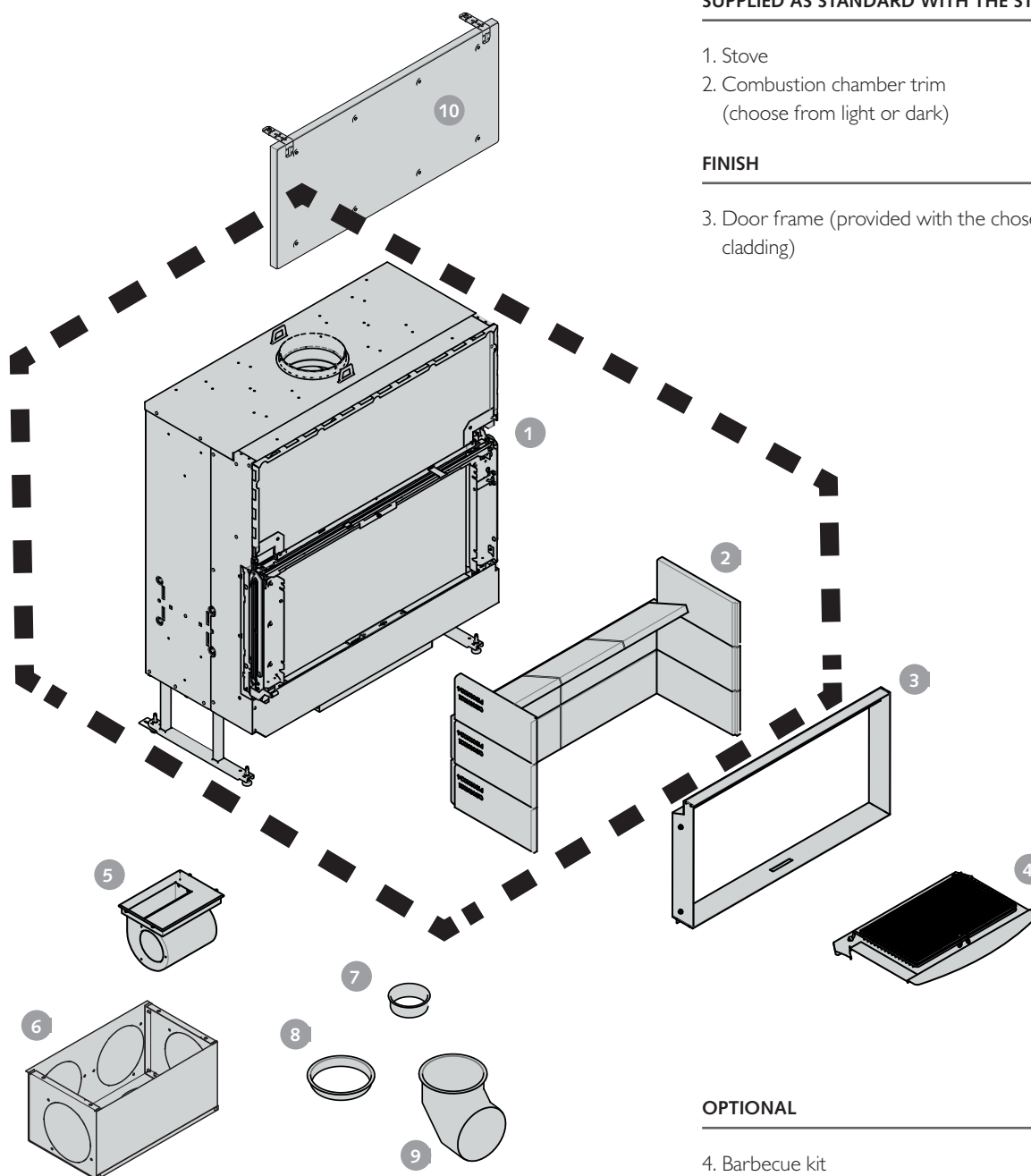
in accordance with



# Stûv 22 | The stove

**stûv**

## THE BASIC STOVE AND ITS OPTIONAL EXTRAS



### SUPPLIED AS STANDARD WITH THE STOVE

1. Stove
2. Combustion chamber trim  
(choose from light or dark)

### FINISH

3. Door frame (provided with the chosen cladding)

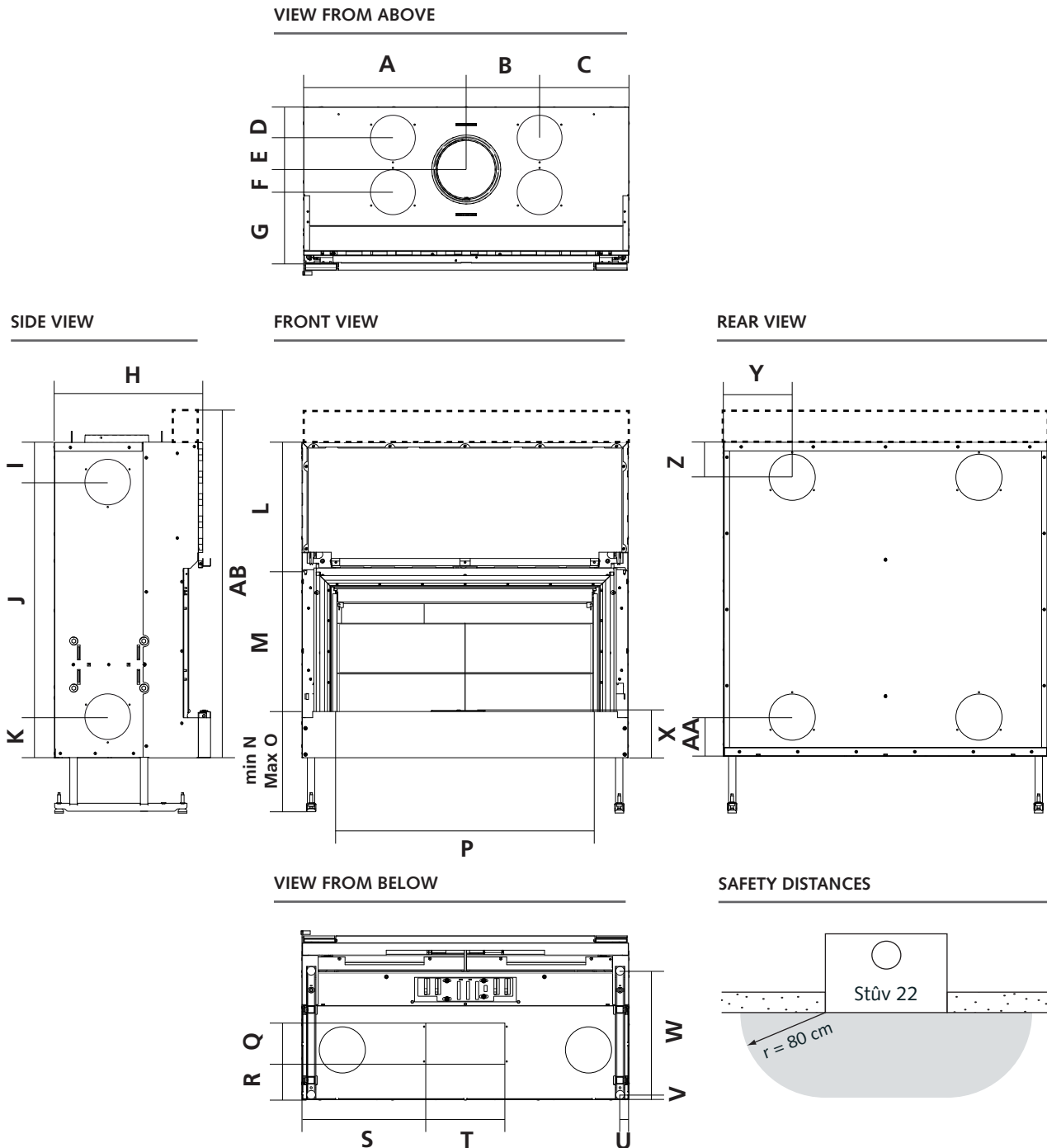
### OPTIONAL

4. Barbecue kit
5. Fan kit
6. Fan unit
7. Nozzle Ø100mm for external air inlet  
(provided with flexible tube)
8. Nozzle Ø160mm for external air inlet +  
make-up air (provided with flexible tube)
9. Nozzle and bend Ø160mm for external  
air inlet + make-up air
10. Front insulation kit

# Stûv 22 | The stove

# stûv

## DEVICE DIMENSIONS WITHOUT DOOR OR FINISH



DIM. (MM)	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
22/70	355	260	94	103	110	81	212	505	117	1014	111	610	640	220	600	470	186	95	220	265	30	15	420	160	135	105	111	1412
22/90	455	250	205	103	110	81	212	505	135	900	137	540	570	220	600	670	186	95	320	265	30	15	420	160	235	120	132	1272
22/110	555	250	305	103	110	81	212	505	135	800	137	440	470	220	600	870	186	95	420	265	30	15	420	160	235	120	132	-

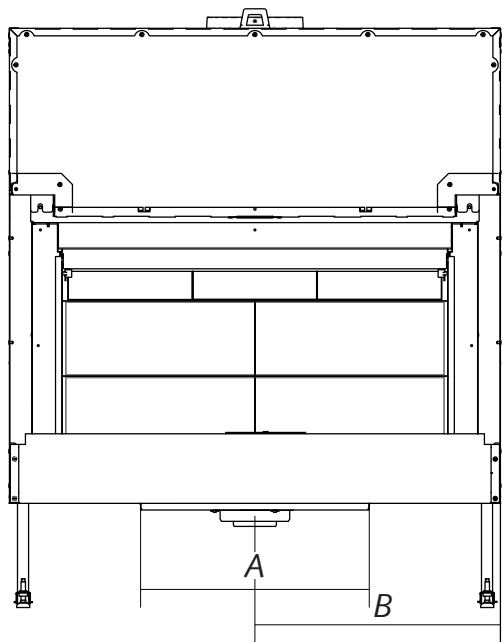


# Stûv 22 | The stove

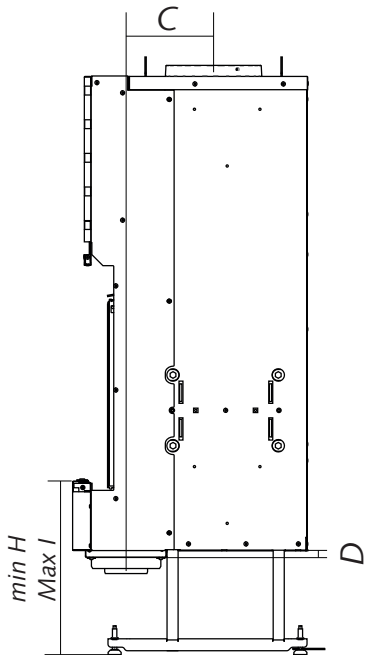


## DIMENSIONS OF THE AIR BOX VERTICALLY WITH A NOZZLE OF Ø 100 MM OF Ø160 MM

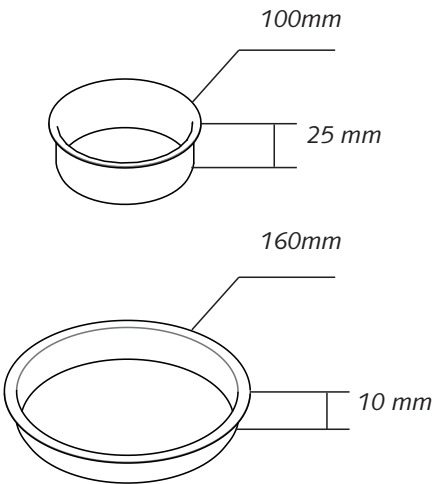
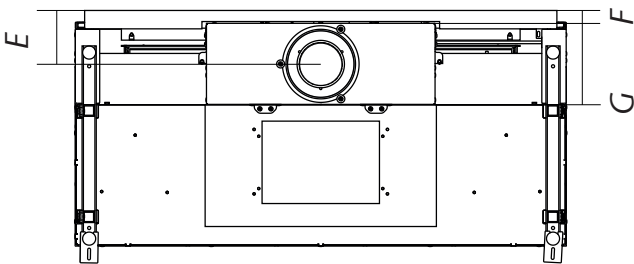
FRONT VIEW



SIDE VIEW



VIEW FROM BELOW



DIMENSIONS (IN MM)	A	B	C*	D	E	F	G	H	I
STÜV 22/70	520	355	198	15	130	30	180	220	600
STÜV 22/90	520	455	198	15	130	30	180	220	600
STÜV 22/110	520	555	198	15	130	30	180	220	600

\*distance between the centre of the air inlet nozzle and the centre of the smoke outlet.

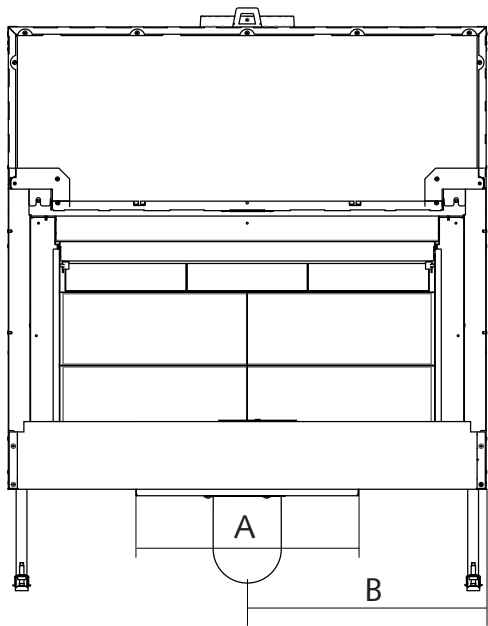
# Stûv 22 | The stove



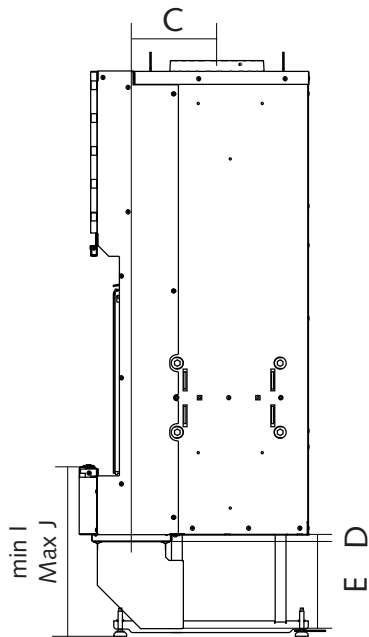
## DIMENSIONS OF THE AIR BOX HORIZONTALLY WITH A Ø160MM BEND

\* not compatible with a fan

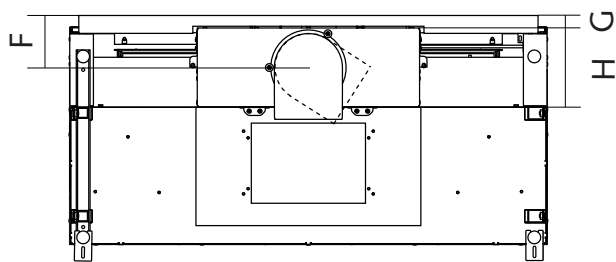
FRONT VIEW



SIDE VIEW



VIEW FROM BELOW



DIMENSIONS (IN MM)	A	B	C*	D	E	F	G	H	I	J
STÜV 22/70	520	355	198	15	200	130	30	180	400	600
STÜV 22/90	520	455	198	15	200	130	30	180	400	600
STÜV 22/110	520	555	198	15	200	130	30	180	400	600

\*distance between the centre of the air inlet nozzle and the centre of the smoke outlet

# Stûv 22 | Mode of operation

**stuv**

## CONVECTION AND COMBUSTION AIR CIRCUITS



### COMBUSTION: WINDOW LOWERED

1. Combustion air: The air needed for combustion is drawn from the outside of the building structure (under the stove or at the rear of the appliance).
2. Combustion. The air intake, the combustion chamber and the extraction of smoke for an air-tight system, which does not hinder the insulation and ventilation of the building.
3. Air chases combustion smoke from the window. This means you can continuously make the most of the view of the flames.
4. The smoke is diverted through a heat exchanger then extracted through the flue.

### COMBUSTION: OPEN FIRE

5. In open fire mode, the air taken from outside the building is brought to the stove opening inlet (overfeed by bypass). Therefore an open fire does not consume the warm air in the room and does not through internal ventilation off-balance.
6. In open fire mode, the valve opens and allows the smoke to pass through without zig-zagging towards the flue. The draw needed is reduced, as well as the risk of smoke being driven back into the room.

### CONVECTION: USE WITH GLASS LOWERED

7. The air is drawn from the living area to be reheated.
8. The air circulates in the convection chamber and senses the heat of the smoke.
9. The heated air comes out of the appliance again naturally and spreads into the room.

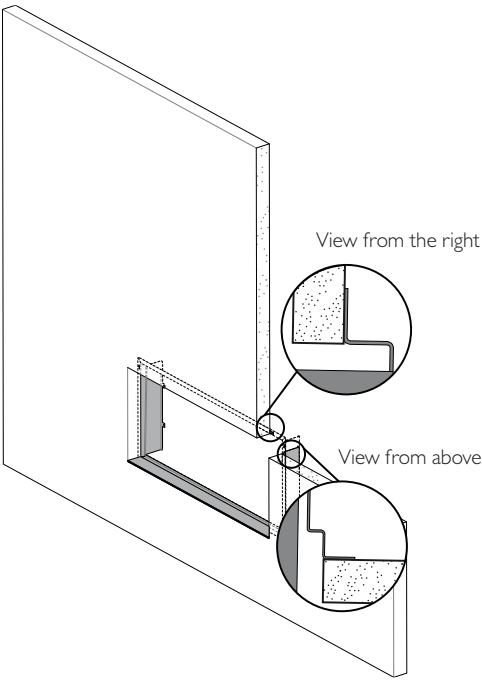
A fan can be added to accelerate this flow and increase the distribution of heat.

Stûv 22 | S1 frame\*

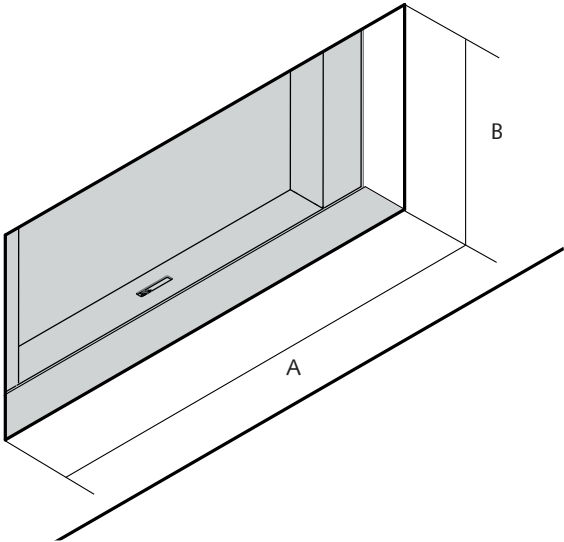
stûv

\* in Dark Grey steel

COVERING OF THE S1 FRAME



DIMENSIONS (IN MM)	A	B
STÛV 22/70	735	675
STÛV 22/90	935	605
STÛV 22/110	1135	505

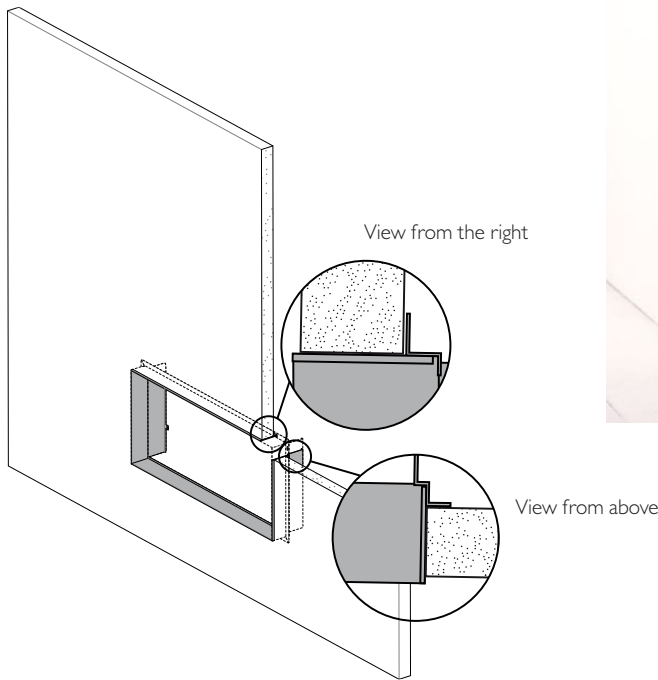


Stûv 22 | S4 frame\*

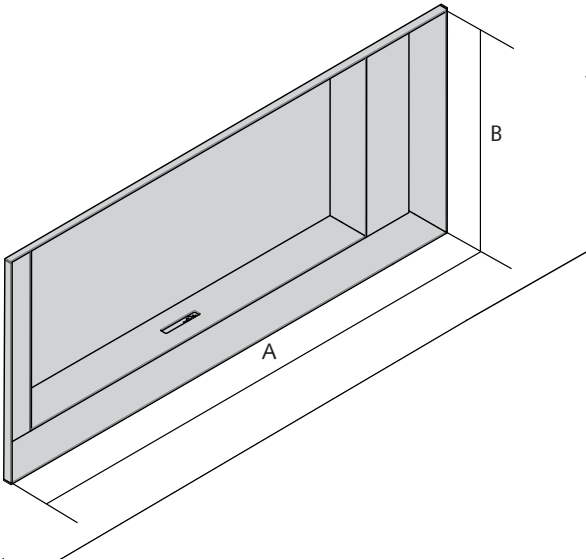
stûv

\* in Dark Grey steel

COVERING OF S4 FRAME



DIMENSIONS (IN MM)	A	B
STÛV 22/70	735	675
STÛV 22/90	935	605
STÛV 22/110	1135	505

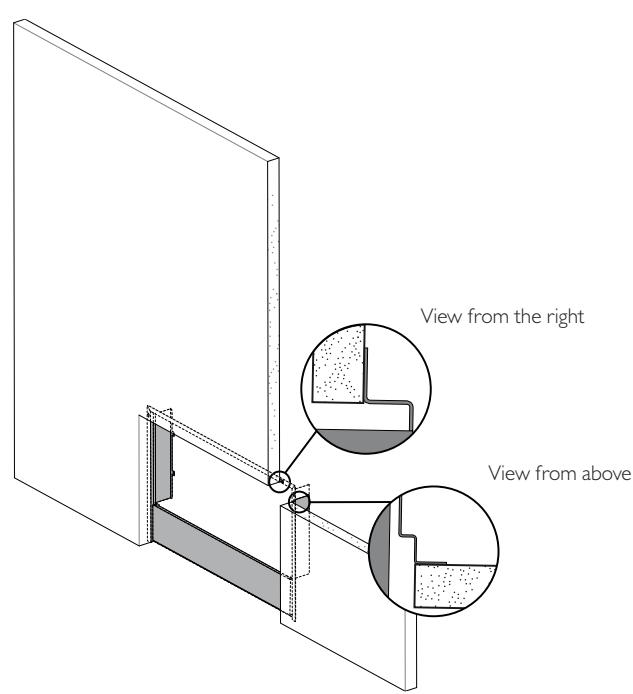


Stûv 22 | H frame\*

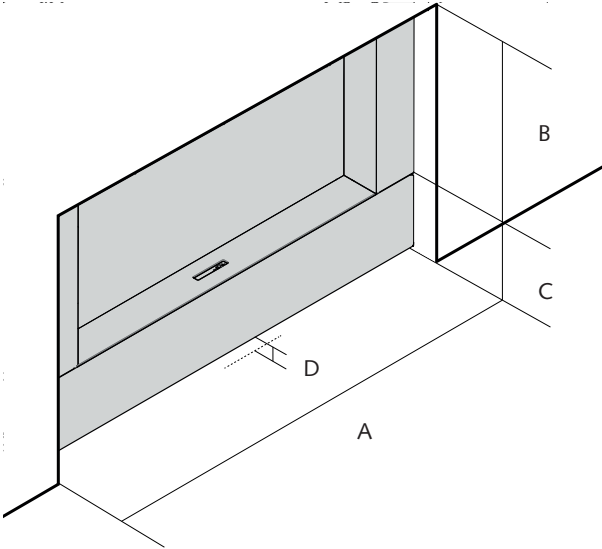
stûv

\* in Dark Grey steel

COVERING OF H FRAME



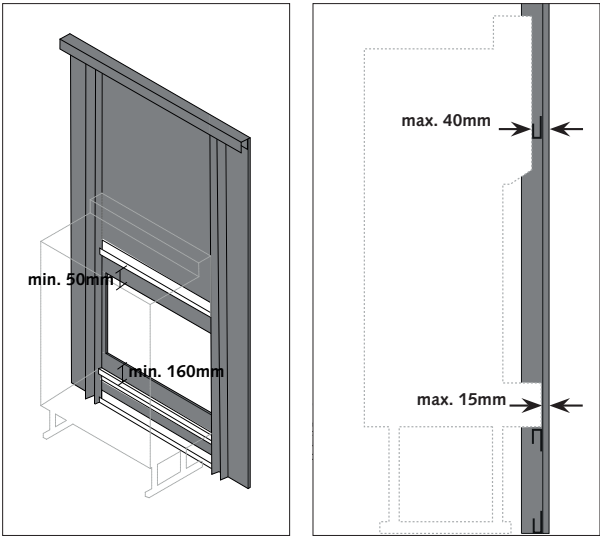
DIMENSIONS (IN MM)	A	B	C	D
STÜV 22/70	735	675	190	18,5
STÜV 22/90	935	605	190	18,5
STÜV 22/110	1135	505	190	18,5



Stûv 22 | A4 frame\*

stûv

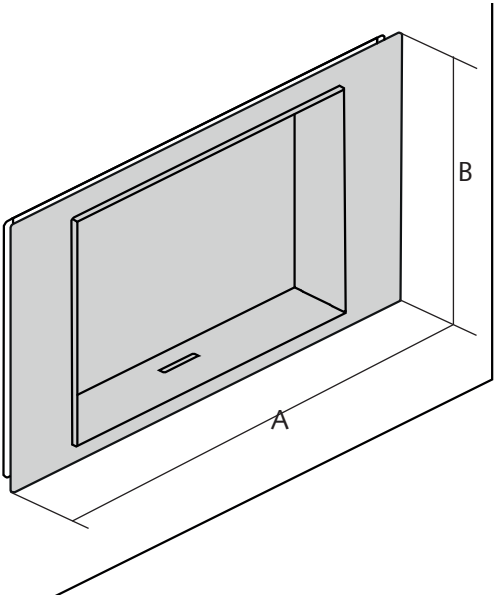
\* Available in glass lacquered in matte black, matte mocha, brilliant white or rusted steel.



**Careful!**  
The A4 frame can only be used with thin partitions  
**made of profiles of 27 mm maximum** and panels of  
15 mm maximum..



DIMENSIONS (IN MM)	A	B
STÛV 22/70	780	749
STÛV 22/90	980	678
STÛV 22/110	1180	578

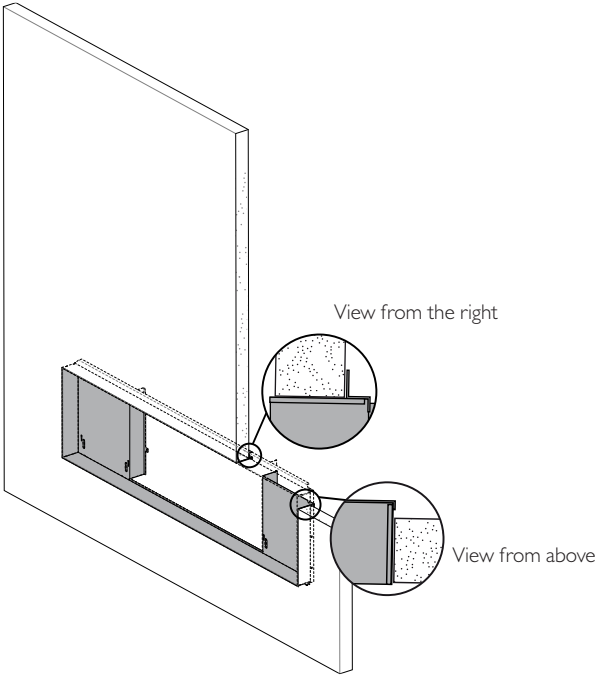


Stûv 22 | L4 frame\*

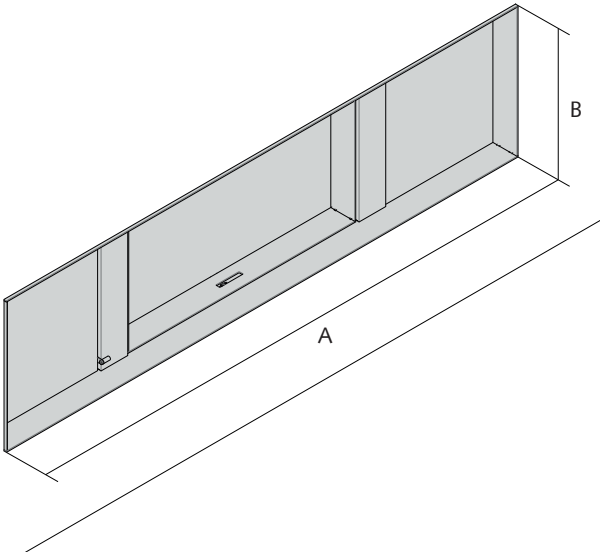
stûv

\* in Dark Grey steel, also available in custom-made width

COVERING OF L4 FRAME



DIMENSIONS (IN MM)	A	B
STÜV 22/70	-	-
STÜV 22/90	1970	605
STÜV 22/110	1970	505



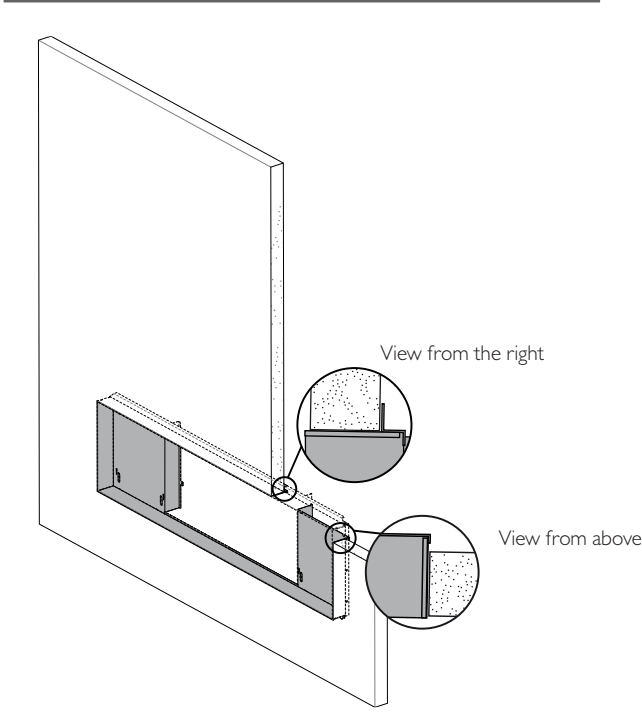


Stûv 22 | L4 support frame to be coated\*

stûv

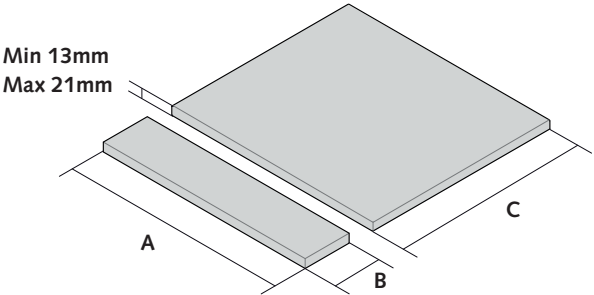
\* in Dark Grey steel, also available in custom-made width

COVERING OF L4 FRAME TO BE COATED



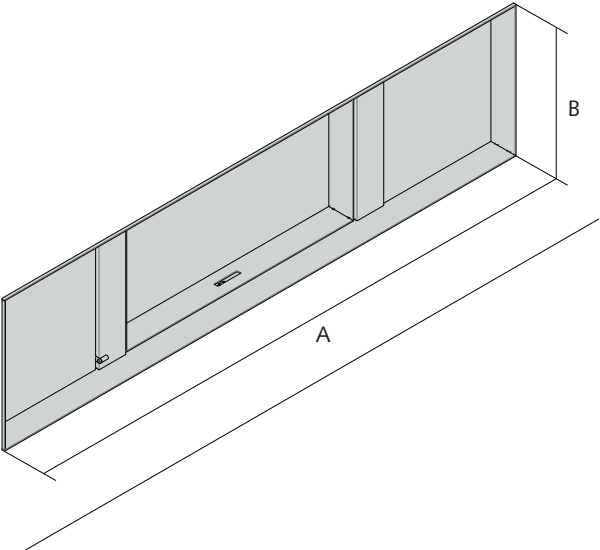
FINISHING PANELS FOR THE L4 FRAME  
FOR THE "TO BE TRIMMED" VERSION

DIMENSIONS (IN MM)	A	B	C
STÜV 22/70	-	-	-
STÜV 22/90	571	101	514
STÜV 22/110	471	101	414



L4 FRAME

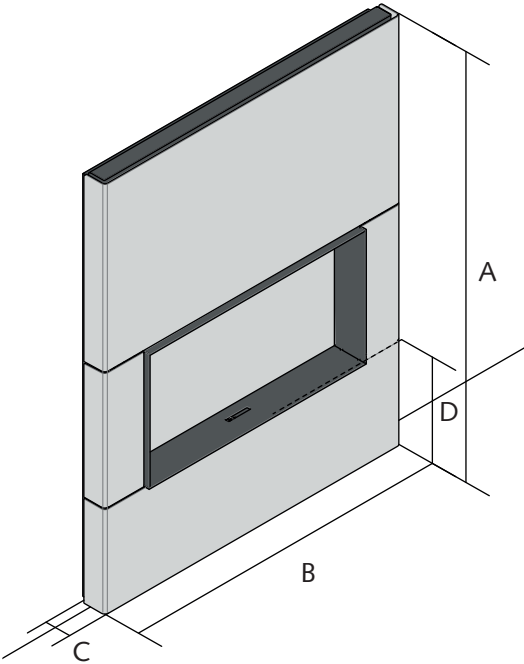
DIMENSIONS (IN MM)	A	B
STÜV 22/70	-	-
STÜV 22/90	1970	605
STÜV 22/110	1970	505



Stûv 22 | DS façade\*

stûv

\* Available in different colours: RAL 9010, Concrete Grey, Dark Grey and Rust finish; delivered with a special tool for side panel



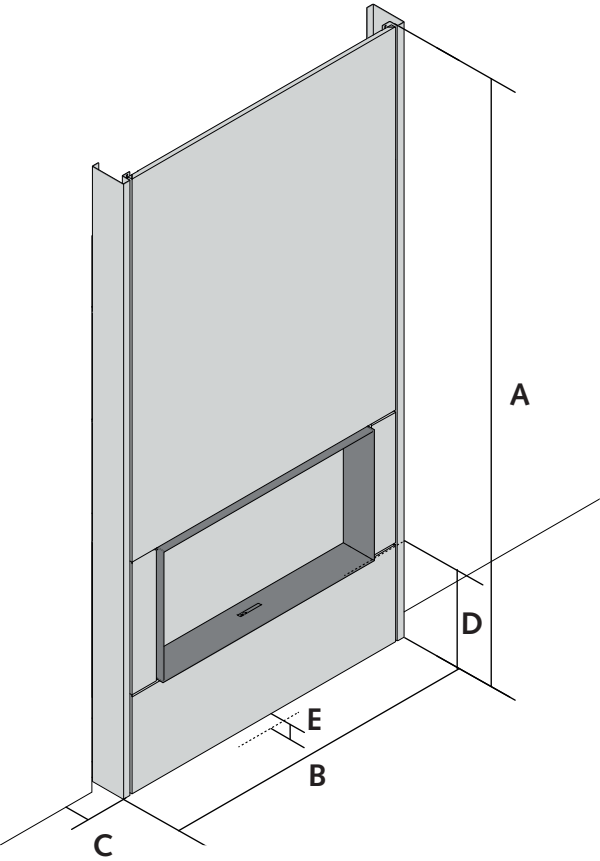
DIMENSIONS (IN MM)	A	B	C	D
STÜV 22/70	1770	795	115	400
STÜV 22/90	1630	995	115	400
STÜV 22/110	1530	1195	115	400



Stûv 22 | DH façade\*

stûv

- \* in choice of Dark Grey, rust effect
- If cladding rusted: left and right door frames rusted as well
  - If cladding "other color": left and right door frames in Dark Grey

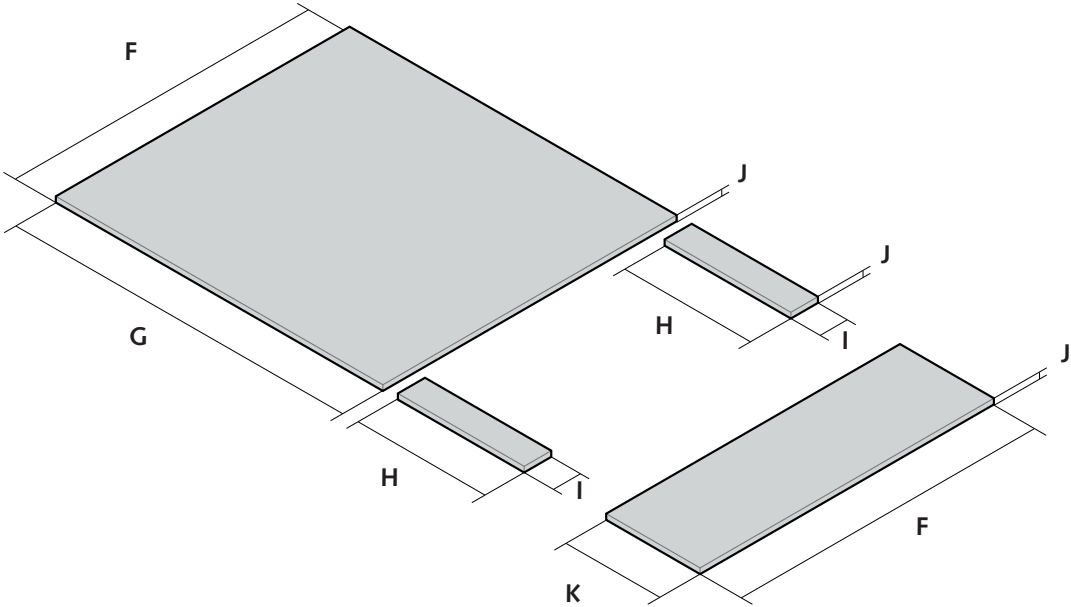


DIMENSIONS (IN MM)	A	B	C	D	E
STÛV 22/70	-	-	-	-	-
STÛV 22/90	2060	970	130	400	40
STÛV 22/110	2060	1170	130	400	40

Stûv 22 | DH façade to be coated

stûv

\* delivered with a specific insulation kit



DIMENSIONS (IN MM)	F	G	H	I	J		K
STÜV 22/70	-	-	-	-	-	-	-
STÜV 22/90	896	1127	571	101	min. 18	max. 21	350
STÜV 22/110	1096	1227	471	101	min. 18	max. 21	350



# Stûv 22 | DH custom façade

**stûv**



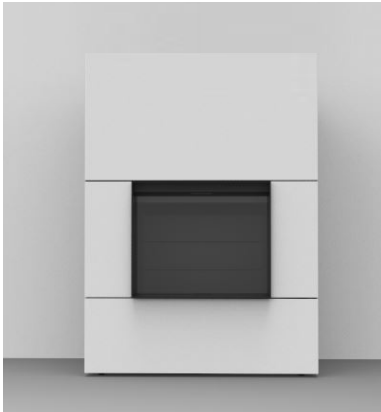
Custom-made height  
Possibility to integrate the hot air outlets  
Trimmed or to be trimmed

# Stûv 22 | Front panels SF1 & SF2\*

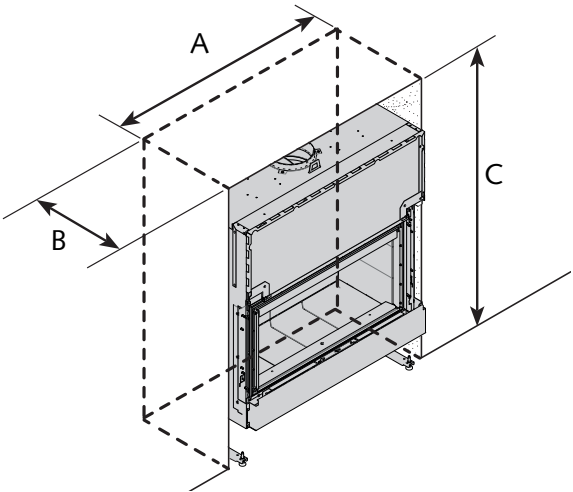


\* Only available for Stûv 22/90 and Stûv 22/110

<b>Integration into the architecture</b>	Partial de-housing of the system
<b>Facilitated installation</b>	reduction of finishing work time, the stove can be lit directly upon project completion, moveable
<b>Presentation aid</b>	In the showroom and at the dealer
<b>Various finishing options</b>	colors available as standard : RAL 9010, ConcreteGrey  Rust steel  custom : 19 chromatic shades



## DIMENSIONS OF THE NICHE



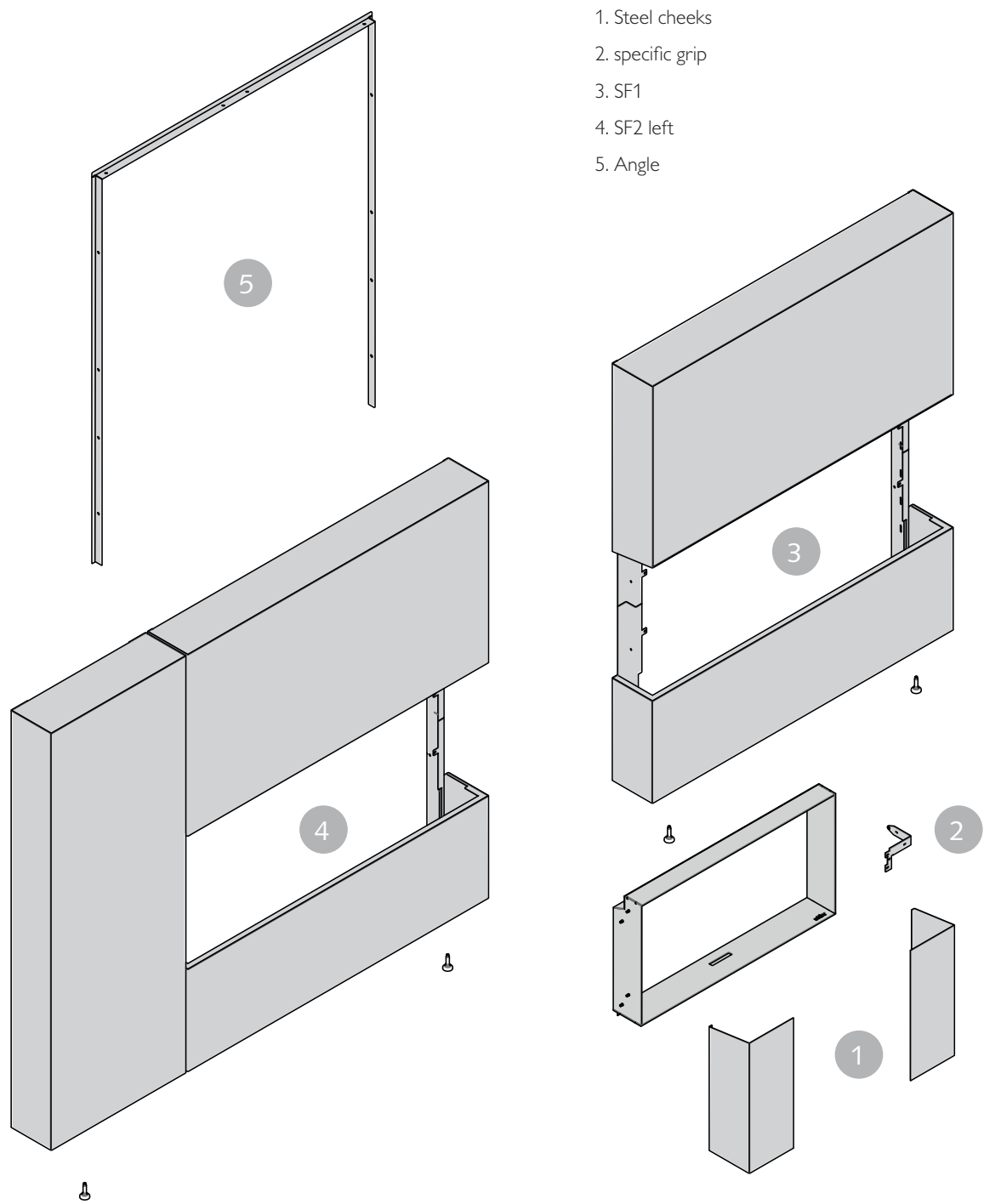
DIMENSIONS (MM)	A	B	C
STÛV 22/70	-	-	-
STÛV 22/90	1250	380	1520
STÛV 22/110	1150	380	1420

Do not forget to plan the hot air outlet

# Stûv 22 | Front panels SF1 & SF2

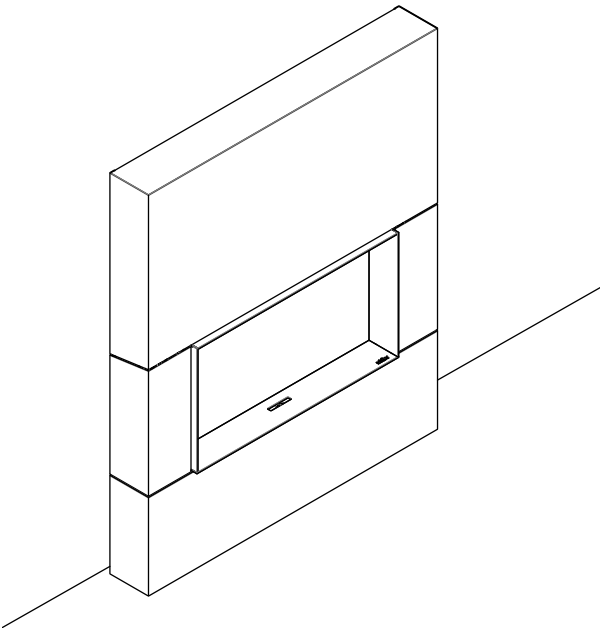


## OVERVIEW

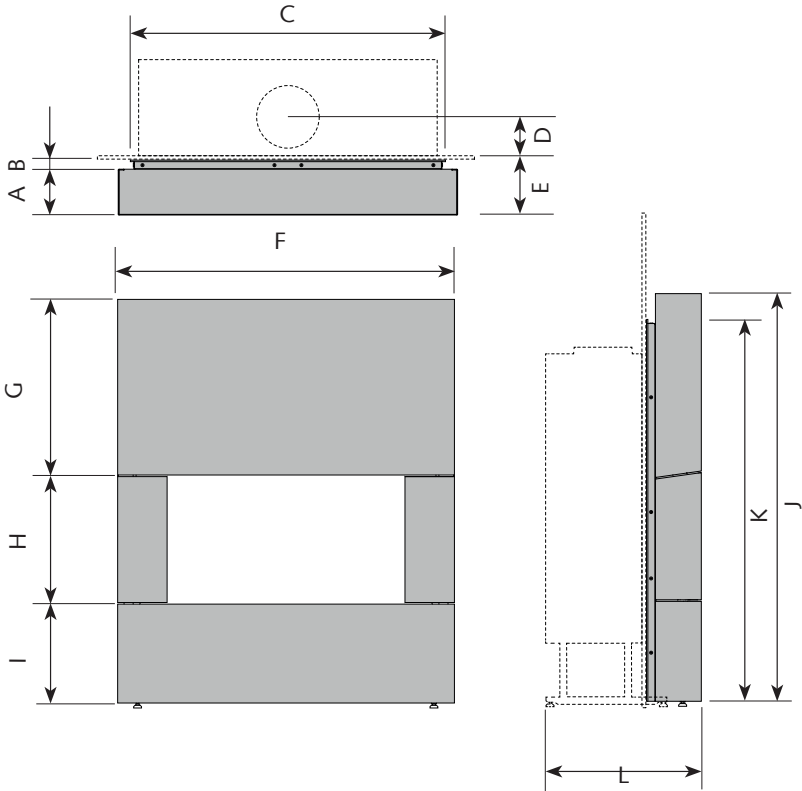


Stûv 22 | Front panel SF1

stûv



DIMENSIONS

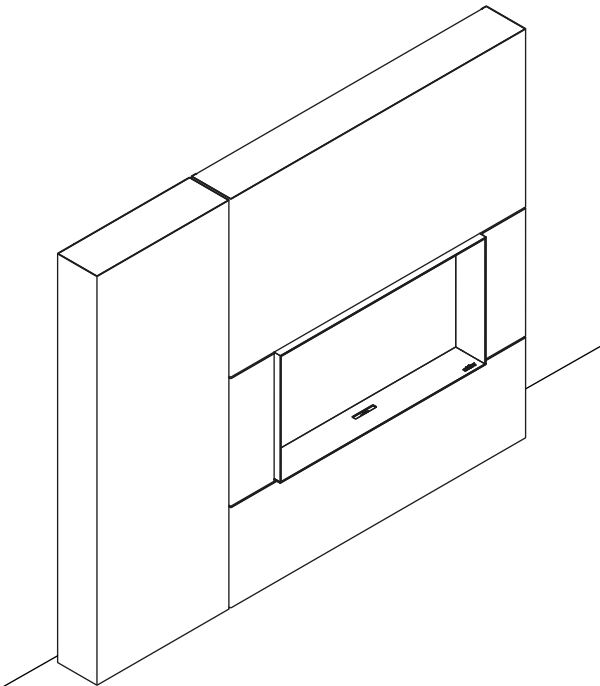


DIMENSIONS (MM)	STÛV 22/90	STÛV 22/110
A	170	170
B	30	30
C	970	1170
D	157	157
E	200	200
F	1004	1204
G	660	660
H	570	470
I	370	370
J	1610	1510
K	1500	1400
L	570	570

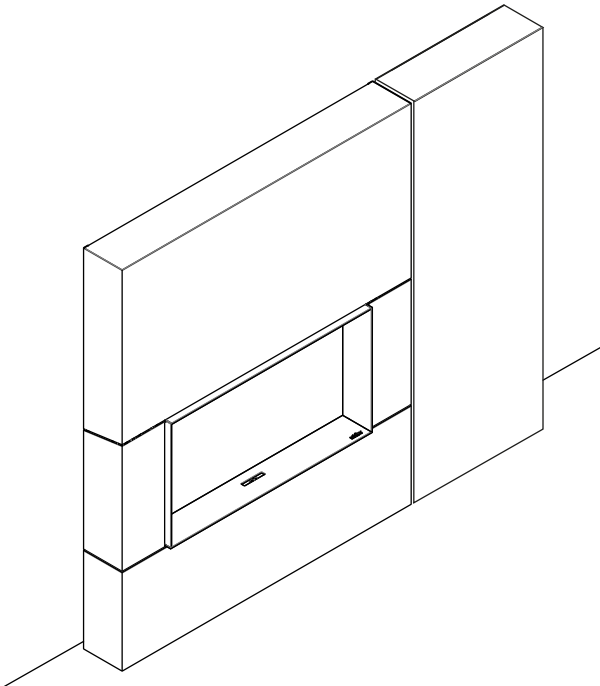


Stûv 22 | Front panel SF2

stûv

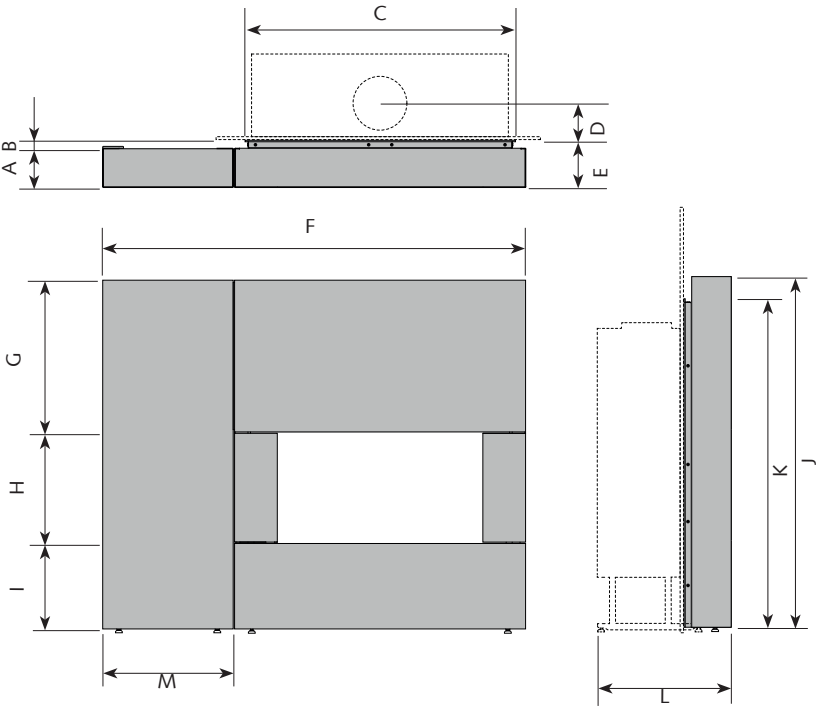


SF2 left



SF2 right

DIMENSIONS



DIMENSIONS (MM)	STÛV 22/90	STÛV 22/110
A	170	170
B	30	30
C	970	1170
D	157	157
E	200	200
F	1630	1830
G	660	660
H	570	470
I	370	370
J	1610	1510
K	1500	1400
L	570	570
M	600	600

# Stûv 22 | Ready-to-fit fireplaces SF1 & SF2\*

**stûv**

\* Only available for Stûv 22/90 and Stûv 22/110

## **Ease-of-use thanks to the integration of functions**

storage and transport of logs (option),  
integration of convection air inlets and outlets,  
the ease of a stove with the benefits of a retractable fireplace

## **Integration into the architecture**

open spatial layout

## **Facilitated installation**

ideal where there is no niche to fit the stove into the wall,  
reduction of finishing work time,  
the stove can be lit directly upon project completion,  
moveable

## **Presentation aid**

in the showroom and at the dealer,  
clearly defined look

## **Various finishing options**

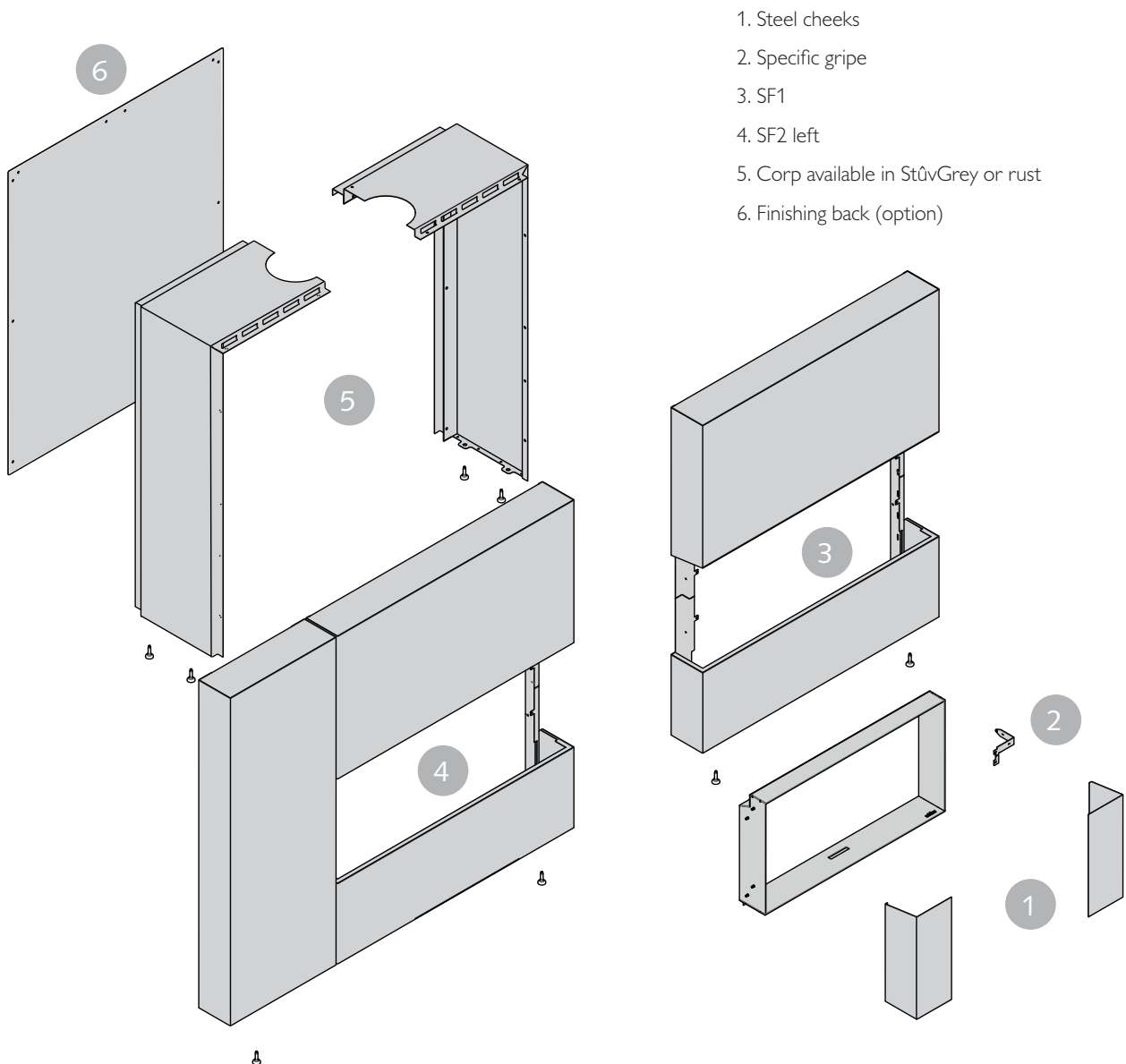
colors available as standard :  
RAL 9010, ConcreteGrey  
rust steel  
custom : 19 chromatic shades



# Stûv 22 | Ready-to-fit fireplaces SF1 & SF2

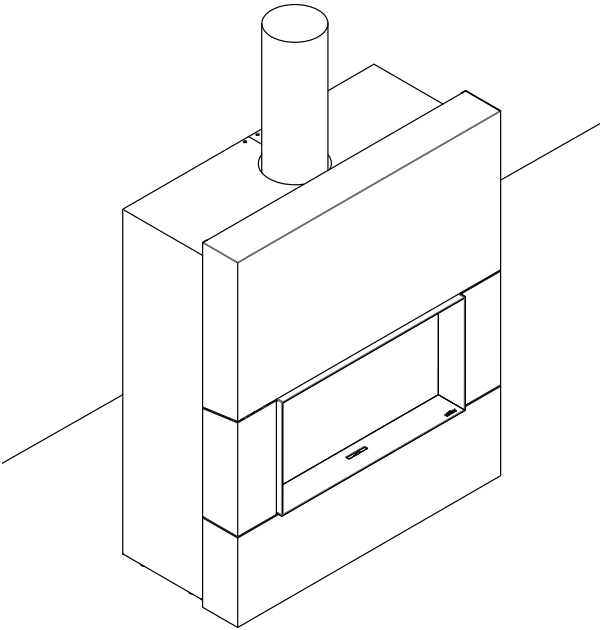
stûv

## OVERVIEW

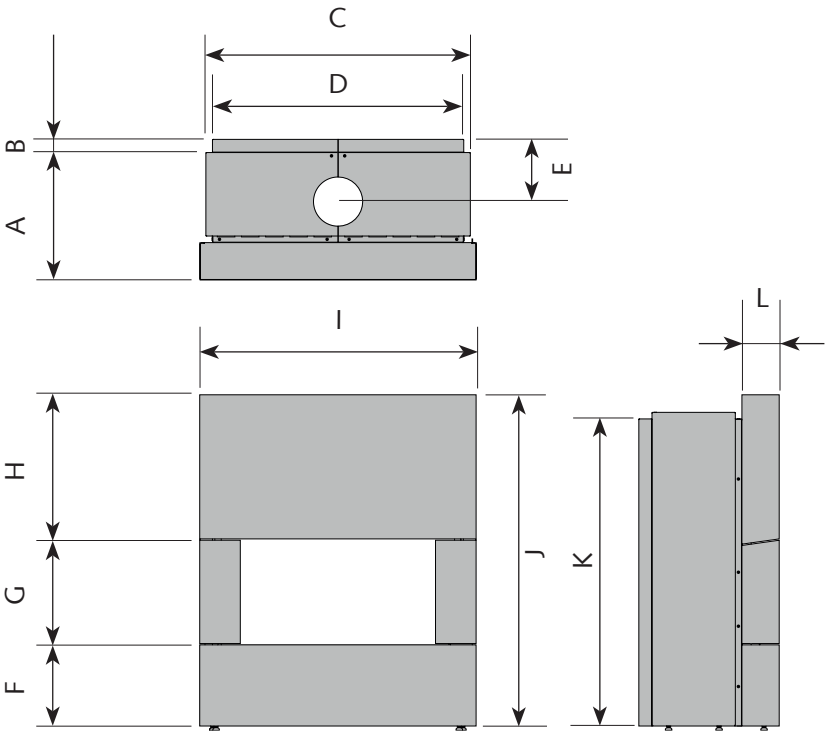


Stûv 22 | Ready-to-fit fireplace SF1

stûv



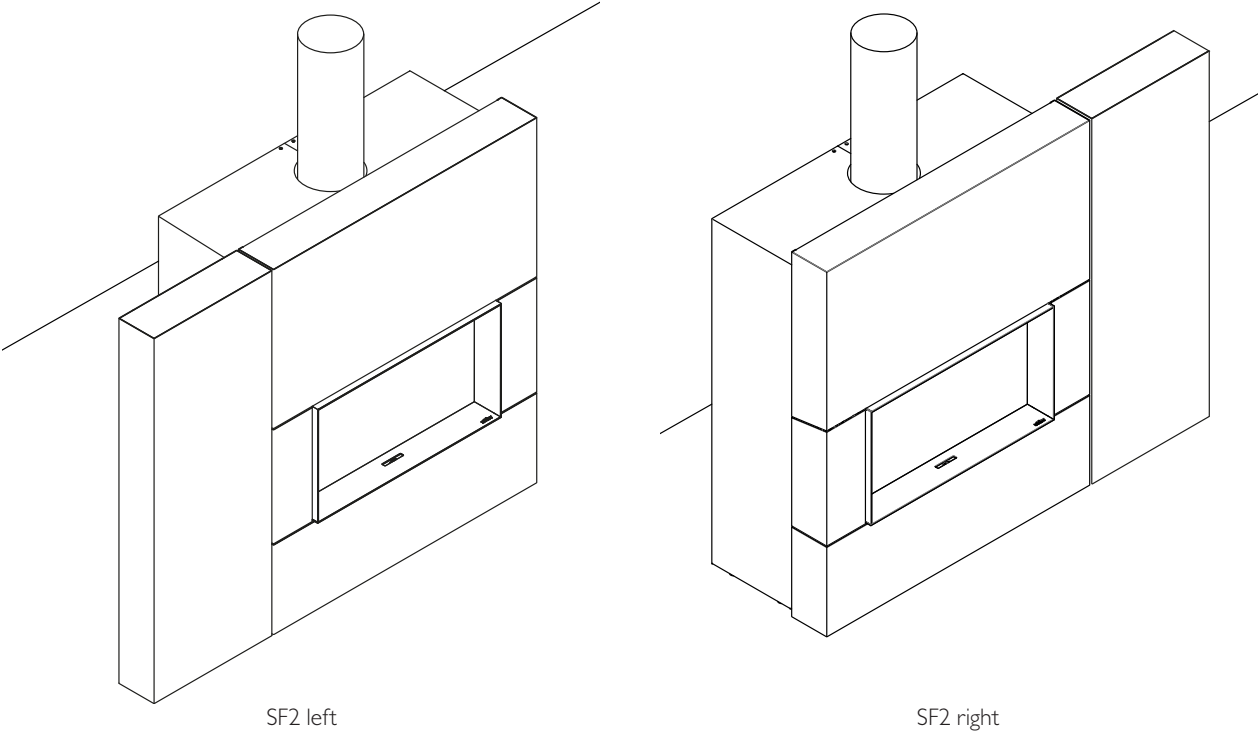
DIMENSIONS



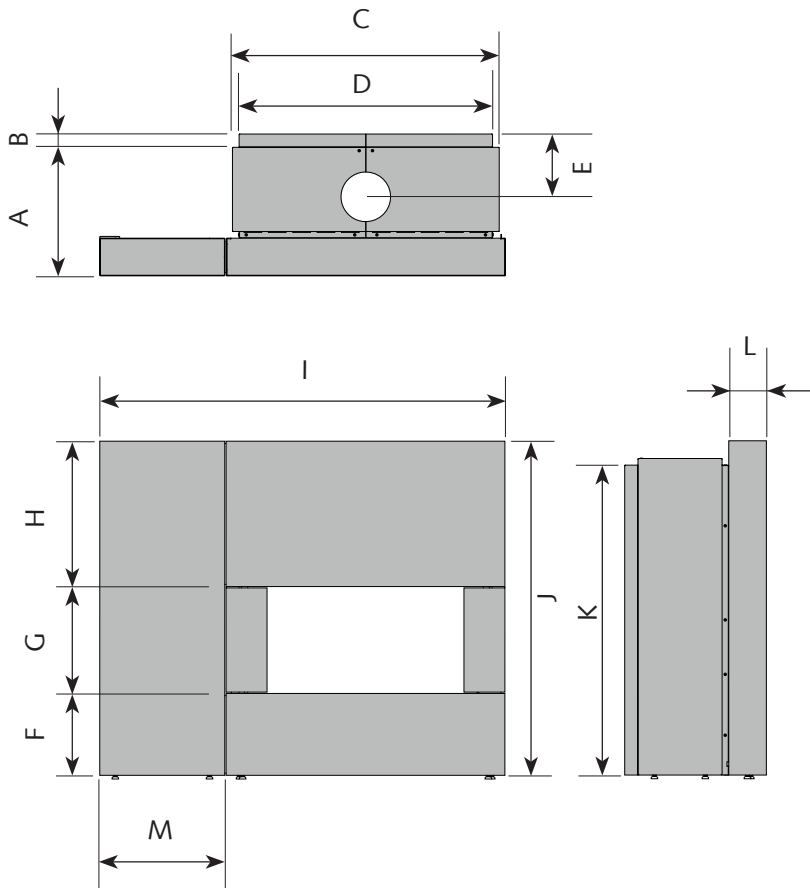
DIMENSIONS (MM)	STÛV 22/90	STÛV 22/110
A	580	580
B	60	60
C	1004	1204
D	944	1144
E	223	223
F	370	370
G	570	470
H	660	660
I	1060	1260
J	1610	1510
K	1495	1395
L	170	170

Stûv 22 | Ready-to-fit fireplace SF2

stûv



DIMENSIONS

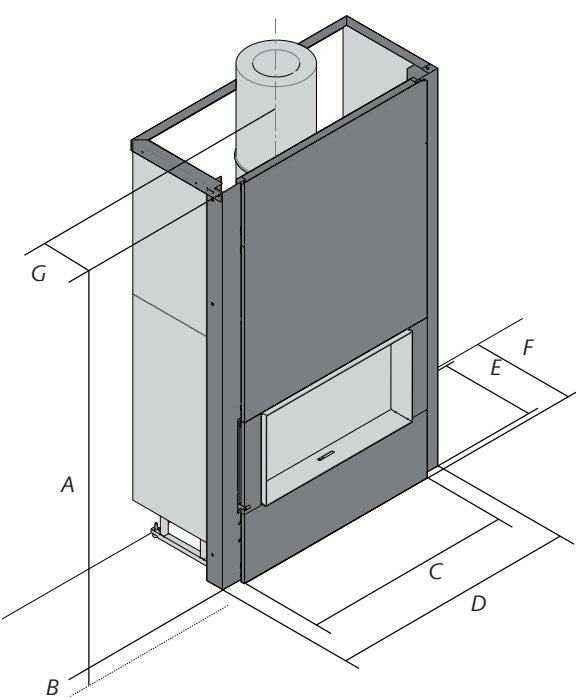


DIMENSIONS (MM)	STÛV 22/90	STÛV 22/110
A	580	580
B	60	60
C	1004	1204
D	944	1144
E	223	223
F	370	370
G	570	470
H	660	660
I	1630	1830
J	1610	1510
K	1495	1395
L	170	170
M	600	600

Stûv 22 | Structure to coat

stûv

\* delivered with a specific insulation kit ; available in custom-made height

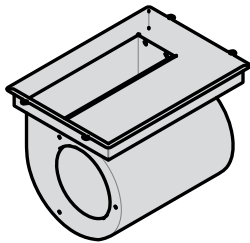


DIMENSIONS (IN MM)	A	B	C	D	E	F
STÛV 22/70	-	-	-	-	-	-
STÛV 22/90	2100	896	1093	550	582	325
STÛV 22/110	2100	1096	1293	550	582	325

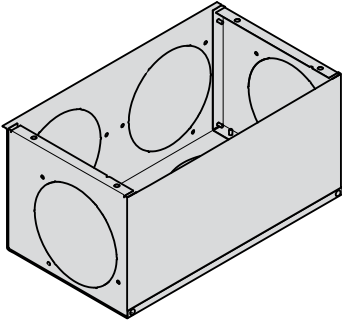
Stûv 22 | Accessories

stûv

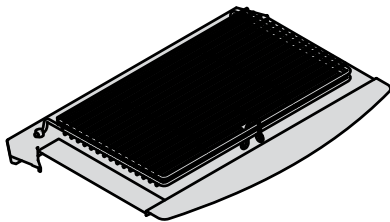
VENTILATION KIT



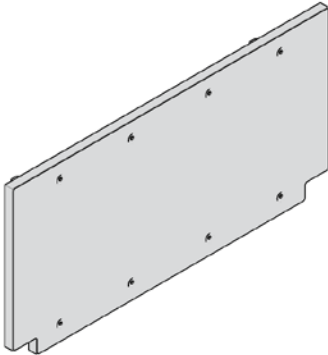
FAN UNIT



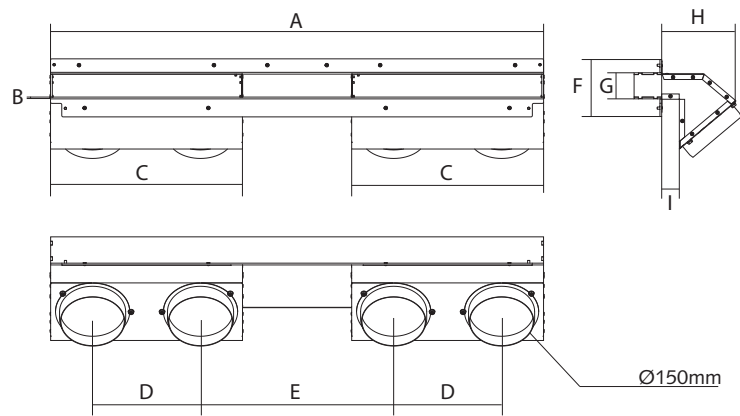
BARBECUE



INSULATION KIT FRONT FACE



HOT AIR OUTLETS



DIMENSIONS (IN MM)	A	B	C	D	E	F	G	H	I
STÜV 22/70	-	-	-	-	-	-	-	-	-
STÜV 22/90	895	4	425	240	230	130	60	170	40
STÜV 22/110	1095	4	425	240	430	130	60	170	40