



NEXO

INSTALLATION GUIDE



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INSTALLATION GUIDE

Congratulations on the purchase of your new RAIS/attika product. This installation guide will make sure that your stove is installed correctly so that you can continue to enjoy it for many years to come.

This installation guide is applicable to the Nexo 100, 120, 140, 160 and 190, and also to the corresponding side glass models.

It is important for the stove to be installed correctly from both an environmental and a safety point of view.

The stove must be placed on non-flammable material and freely on the floor.

All local rules and regulations, including those referring to national and European standards, must be observed when installing the stove. A chimney sweep should be contacted prior to setting up.

The stove must not be modified without authorisation.

Installation of your stove must be reported to the local chimney sweep before you start using it.

There must be a copious supply of fresh air – or possibly an Air-System connection – in the room where the stove is installed so as to ensure good combustion. Note that any mechanical extraction such as an extractor hood may reduce the air supply. The stove consumes air at a rate of min. 14.4 m³/h.

The space beneath the combustion chamber is not suitable for storage of flammable materials unless a reflective plate is installed.

The floor structure must be able to bear the weight of the stove and any chimney fitted. If the existing structure is unable

to meet this requirement, appropriate arrangements must be put in place (e.g. a plate to distribute the load). Consult a construction expert.

If the stove is installed on a flammable floor, it is necessary to comply with national and local regulations with regard to the size of the non-flammable base that will be covering the floor beneath the stove.

Your stove must be located a safe distance away from flammable materials. Due to the risk of fire, flammable objects (such as furniture) must not be positioned closer to the stove than indicated in the sections relating to positioning. When deciding where to position your RAIS/attika stove, you should consider heat distribution to other rooms so that you derive as much benefit as possible from your new stove.

An approved CO monitor must be installed in the same room as the appliance, with a battery that lasts the lifetime of the appliance!

Your chimney must be high enough to allow it to draw properly, i.e. -14 to -18 pascal. There may be problems with smoke emerging out of the door when a fire is burning if the recommended chimney draught is not achieved. We recommend adapting the chimney to suit the flue outlet collar. The flue outlet collar is 150 mm in diameter.

If the chimney is drawing too vigorously, we recommend providing the chimney or flue with a regulating damper. If this is fitted, it is necessary to ensure a clear throughflow area of at least 20 cm² when the regulating damper is closed.

Remember that the cleaning hatch on the chimney must be kept clear.

TECHNICAL DATA

Technical data for Nexo is provided below, including specifications, dimensional drawings and rating plates.

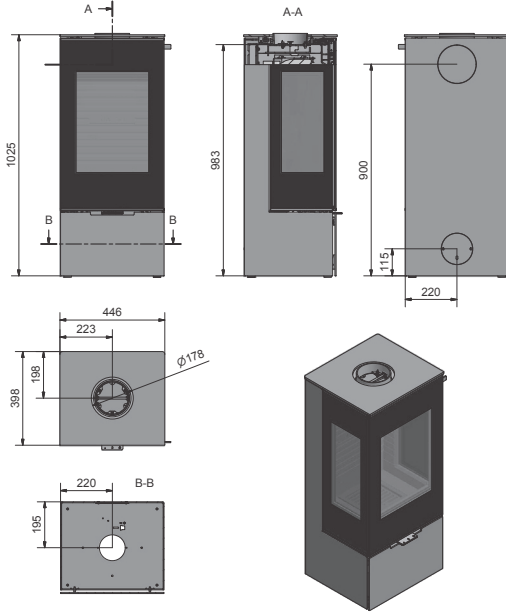
	NEXO 100 w/o side glass NEXO 100 with side glass	NEXO 120/140/160/185 w/o side glass NEXO 120/140/160/185 with side glass
Nominal heat output (kW):	5	5
Min./Max. Output (kW):	2-9*	2-9*
Heating area (m ²):	110	110
Stove width/depth/height (mm):	446-398-1025	446-398-1235/1425/1600/1860
Combustion chamber width/depth/height (mm):	344-254-262**	344-254-262**
Max load limit (mm):	260	260
Min. Flue draught (Pascal):	-12	-12
Weight (kg) min., depending on model:	approx. 147	approx. 158
Efficiency (%):	80	80
CO emissions attributed to (%)	0.0906	0.0906
NOx emissions attributed to 13% O ₂ (mg/Nm ³):	91	91
Particulate emissions in accordance with NS3058/3059 (g/kg):	2.24	2.24
Dust measurement in accordance with Din+ 13% O ₂ (mg/Nm ³):	4	4
Flue gas mass flow (g/s):	4.9	4.9
Flue gas temperature (°C):	268	268
Estimated flue gas temperature (°C) at flue collar:	322	322
Recommended amount of wood when topping up the stove (kg):		
(Divided over 2 pieces of wood max. 24 cm in size)	1.4	1.4
Intermittent operation:	The stove should be filled within 49 minutes	

*not verified by test.

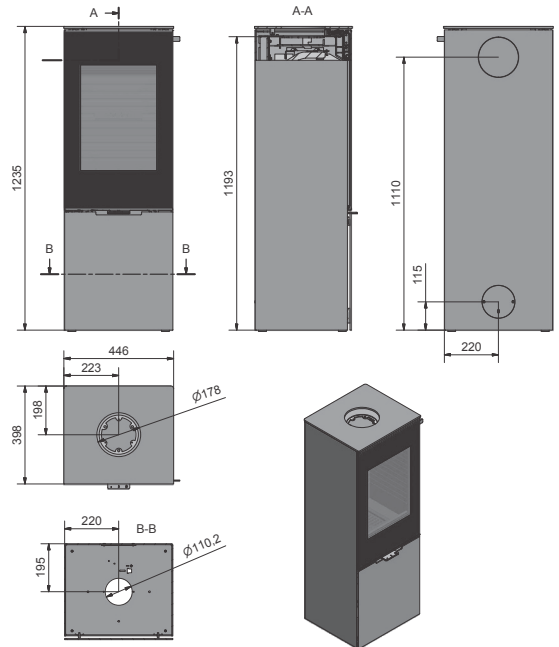
**Max Load

SCALE DRAWINGS

RAIS NEXO 100

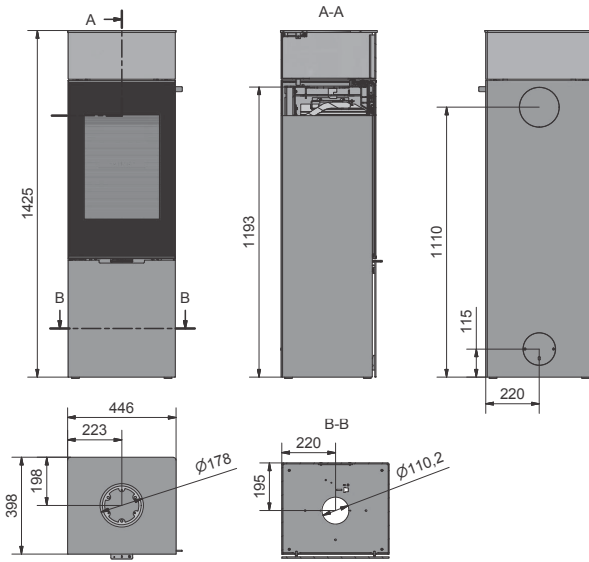


RAIS NEXO 120

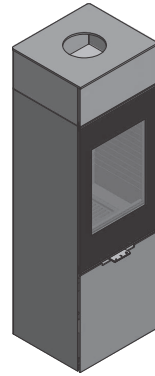


All dimensions are stated in mm.

SCALE DRAWINGS

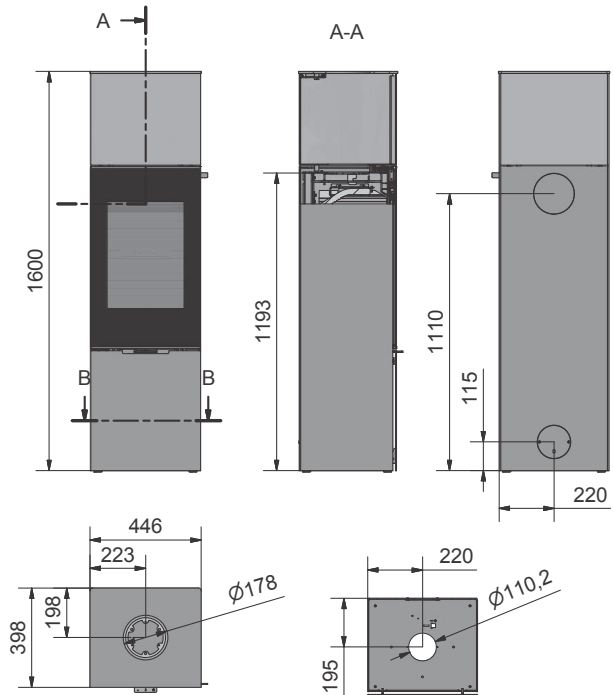
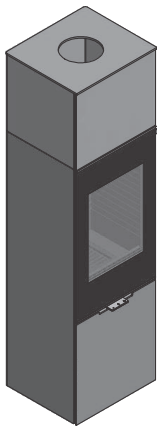


RAIS NEXO 140



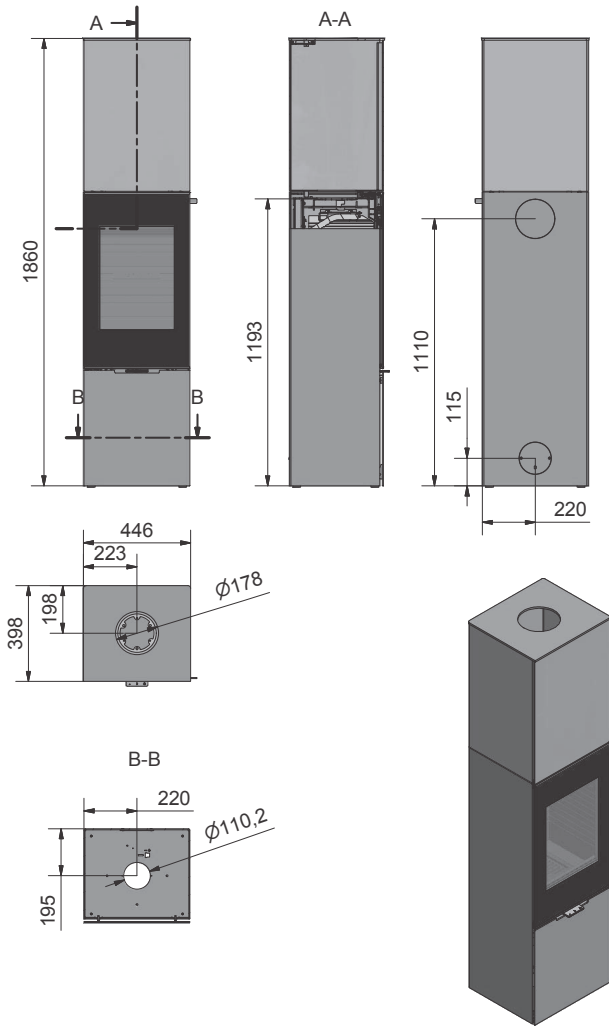
GB

RAIS NEXO 160



All dimensions are stated in mm.

RAIS NEXO 185

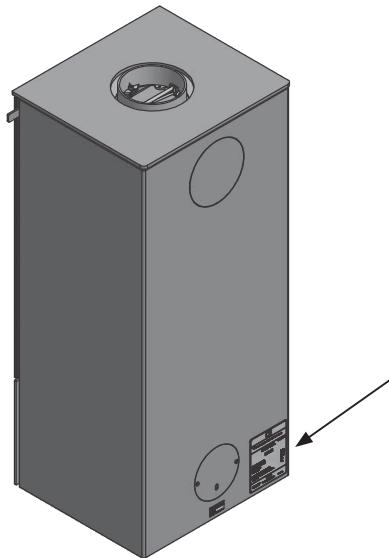


All dimensions are stated in mm.

RATING PLATES

All RAIS/attika stoves come with rating plates indicating the distance from flammable objects to be maintained by the stove, efficiency, etc. The rating plate is loose and inside the stove at the time of delivery. We recommend mounting the rating plate in the corner on the back of the stove (see the drawing on the right).

The serial number can be found on the back of the stove.



Rating plate: Nexo w/o side glass

Rating plate: Nexo with side glass

18			
EN 13240:2001+A2:2004, EC NO: 10 Notified Body: 1235			
Produced at: RAIS A/S, Industrivej 20, 9900 Frederikshavn, Danmark			
Nexo 100,120,140,160,185 - Manual - Clever Air - Classic Manual - Classic Clever Air			
AFSTAND TIL BRÆNDBART BAGVÆG ABSTAND ZU BRENNBAREN BAUTEILEN, HINTEN DISTANCE TO COMBUSTIBLE BACK WALL DIST. ENTRE COMPOSANTS COMBUSTIBLES, ARRIÈRE	DK: 100mm SE BRUGERVEJLEDNING DE: 100mm SIEHE BEDIENUNGSANLEITUNG UK: 100mm SEE USER MANUAL FR: 100mm CONSULTEZ LE GUIDE DE L'UTILISATEUR		
AFSTAND TIL BRÆNDBART SIDEVÆG ABSTAND ZU BRENNBAREN BAUTEILEN, SEITE DISTANCE TO COMBUSTIBLE SIDE WALL DIST. ENTRE COMPOSANTS COMBUSTIBLES, CÔTE	DK: 350mm SE BRUGERVEJLEDNING DE: 350mm SIEHE BEDIENUNGSANLEITUNG UK: 350mm SEE USER MANUAL FR: 350mm CONSULTEZ LE GUIDE DE L'UTILISATEUR		
AFSTAND TIL BRÆNDBART MØBLERING ABSTAND VORNE ZU BRENNBAREN MÖBELN DISTANCE TO FURNITURE AT THE FRONT DISTANCE ENTRE COMPOSANTS COMBUSTIBLES, DEVANT	DK: 900mm SE BRUGERVEJLEDNING DE: 900mm SIEHE BEDIENUNGSANLEITUNG UK: 900mm SEE USER MANUAL FR: 900mm CONSULTEZ LE GUIDE DE L'UTILISATEUR		
CO EMISSION (REL. 13% O ₂) CO EMISSION IN DEN VERBRENNUNGSPRODUKTEN (BEI 13%O ₂) EMISSION OF CO IN COMBUSTION PRODUCTS (AT 13%O ₂) EMISSION CO DANS LES PRODUITS COMBUSTIBLES (A 13%O ₂)	0,0906 % / 1132 mg/Nm ³		
STØV / STAUB / DUST / POUSSIÈRES RØGGASTEMPERATUR / ABGASTEMPERATUR / FLUE GAS TEMPERATURE / TEMPERATURE DES GAZ DE FLUÉE	4 mg/Nm ³ 268 °C		
NOMINEL EFFEKT / HEJLELSTUNG / THERMAL OUTPUT / PUISSANCE CALORIFIQUE	5,7 kW (UK 5,0kW) (France 5,9kW)		
VIKINGNINGSGRAD / ENERGIEEFFIZIENZ / ENERGY EFFICIENCY / EFFICACITÉ ÉNERGÉTIQUE	80 % (France 76%)		
DK: Brug kun anbefalede brændstoffer. Følg instruksione i bruger manualen. Anordningen er egnet til røgassamlledning og intensivaflytning. DE: Lesen und befolgen Sie die Bedienungsanleitung. Zulassbare Brennstoffe. Nur empfohlene Brennstoffe einsetzen. UK: Fuel types (only recommended). Follow the installation and operating instruction manual. Intermitent operation. FR: Veuillez lire et observer les instructions du mode d'emploi. Foyer à durée de combustion limitée. Homologué pour cheminée à conceptions multiples. Utiliser seulement les combustibles recommandés.	DK: BRÆNDE DE: HOLZ UK: WOOD FR: BOIS		
(Not to be used in a shared flue in UK)		Raumheizer für feste Brennstoffe Appliance fired by wood Pöle für combustibles solides	
15a 1-VG		Produced for: ATTIKA FEUER AG, Brunnmatt 16, CH-6330 Cham / RAIS A/S, Industrivej 20, DK-9900 Frederikshavn	

18			
EN 13240:2001+A2:2004, EC NO: 10 Notified Body: 1235			
Produced at: RAIS A/S, Industrivej 20, 9900 Frederikshavn, Danmark			
Nexo 100 Q,120 Q,140 Q,160 Q,185 G - Manual - Clever Air - Classic Manual - Classic Clever Air (Models with side glass)			
AFSTAND TIL BRÆNDBART BAGVÆG ABSTAND ZU BRENNBAREN BAUTEILEN, HINTEN DISTANCE TO COMBUSTIBLE BACK WALL DIST. ENTRE COMPOSANTS COMBUSTIBLES, ARRIÈRE	DK: 100mm SE BRUGERVEJLEDNING DE: 100mm SIEHE BEDIENUNGSANLEITUNG UK: 100mm SEE USER MANUAL FR: 100mm CONSULTEZ LE GUIDE DE L'UTILISATEUR		
AFSTAND TIL BRÆNDBART SIDEVÆG ABSTAND ZU BRENNBAREN BAUTEILEN, SEITE DISTANCE TO COMBUSTIBLE SIDE WALL DISTANCE ENTRE COMPOSANTS COMBUSTIBLES, CÔTE	DK: 450mm SE BRUGERVEJLEDNING DE: 450mm SIEHE BEDIENUNGSANLEITUNG UK: 450mm SEE USER MANUAL FR: 450mm CONSULTEZ LE GUIDE DE L'UTILISATEUR		
AFSTAND TIL BRÆNDBART MØBLERING ABSTAND VORNE ZU BRENNBAREN MÖBELN DISTANCE TO FURNITURE AT THE FRONT DISTANCE ENTRE COMPOSANTS COMBUSTIBLES, DEVANT	DK: 800mm SE BRUGERVEJLEDNING DE: 800mm SIEHE BEDIENUNGSANLEITUNG UK: 800mm SEE USER MANUAL FR: 800mm CONSULTEZ LE GUIDE DE L'UTILISATEUR		
CO EMISSION (REL. 13% O ₂) CO EMISSION IN DEN VERBRENNUNGSPRODUKTEN (BEI 13%O ₂) EMISSION OF CO IN COMBUSTION PRODUCTS (AT 13%O ₂) EMISSION CO DANS LES PRODUITS COMBUSTIBLES (A 13%O ₂)	0,0906 % / 1132 mg/Nm ³		
STØV / STAUB / DUST / POUSSIÈRES RØGGASTEMPERATUR / ABGASTEMPERATUR / FLUE GAS TEMPERATURE / TEMPERATURE DES GAZ DE FLUÉE	4 mg/Nm ³ 268 °C		
NOMINEL EFFEKT / HEJLELSTUNG / THERMAL OUTPUT / PUISSANCE CALORIFIQUE	5,7 kW (UK 5,0kW) (France 5,9kW)		
VIKINGNINGSGRAD / ENERGIEEFFIZIENZ / ENERGY EFFICIENCY / EFFICACITÉ ÉNERGÉTIQUE	80 % (France 76%)		
DK: Brug kun anbefalede brændstoffer. Følg instruksione i bruger manualen. Anordningen er egnet til røgassamlledning og intensivaflytning. DE: Lesen und befolgen Sie die Bedienungsanleitung. Zulassbare Brennstoffe. Nur empfohlene Brennstoffe einsetzen. UK: Fuel types (only recommended). Follow the installation and operating instruction manual. Intermitent operation. FR: Veuillez lire et observer les instructions du mode d'emploi. Foyer à durée de combustion limitée. Homologué pour cheminée à conceptions multiples. Utiliser seulement les combustibles recommandés.	DK: BRÆNDE DE: HOLZ UK: WOOD FR: BOIS		
(Not to be used in a shared flue in UK)		Raumheizer für feste Brennstoffe Appliance fired by wood Pöle für combustibles solides	
15a 1-VG		Produced for: ATTIKA FEUER AG, Brunnmatt 16, CH-6330 Cham / RAIS A/S, Industrivej 20, DK-9900 Frederikshavn	

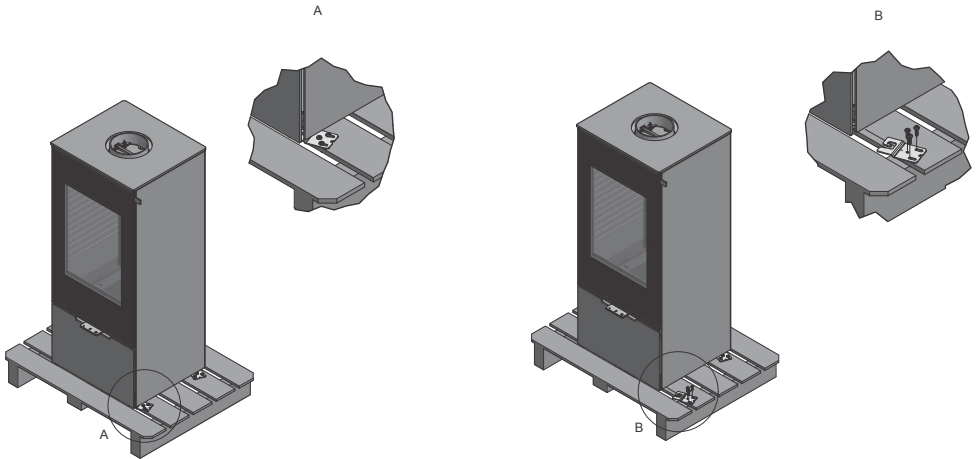
INSTALLATION

This section provides information on how your stove is installed, including information on packaging, installation distances, etc.

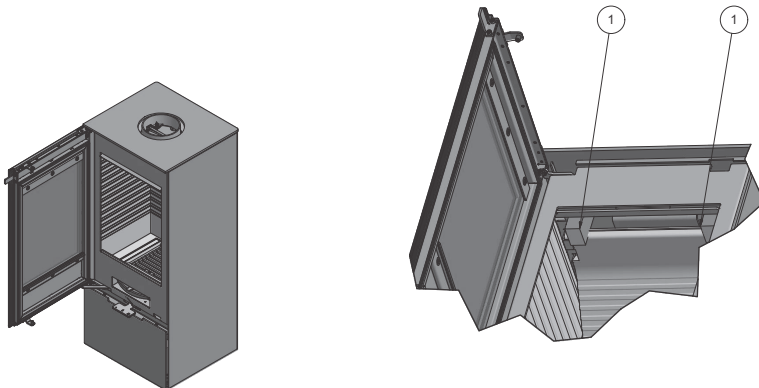
PACKAGING AT THE TIME OF DELIVERY

Your stove will be attached to a transport pallet using four transport locking fixtures – one in each corner (A) – when it is delivered.

These locking fixtures are secured in place using three screws – these screws have to be removed. The locking fixture can then be removed (B).



There are two foam blocks (1) at the top of the oven that protect the combustion chamber lining while the stove is being transported. These must be removed before setting a fire in the stove.



REMOVING TRANSPORT LOCKS FROM A STOVE WITH A SWIVEL BASE

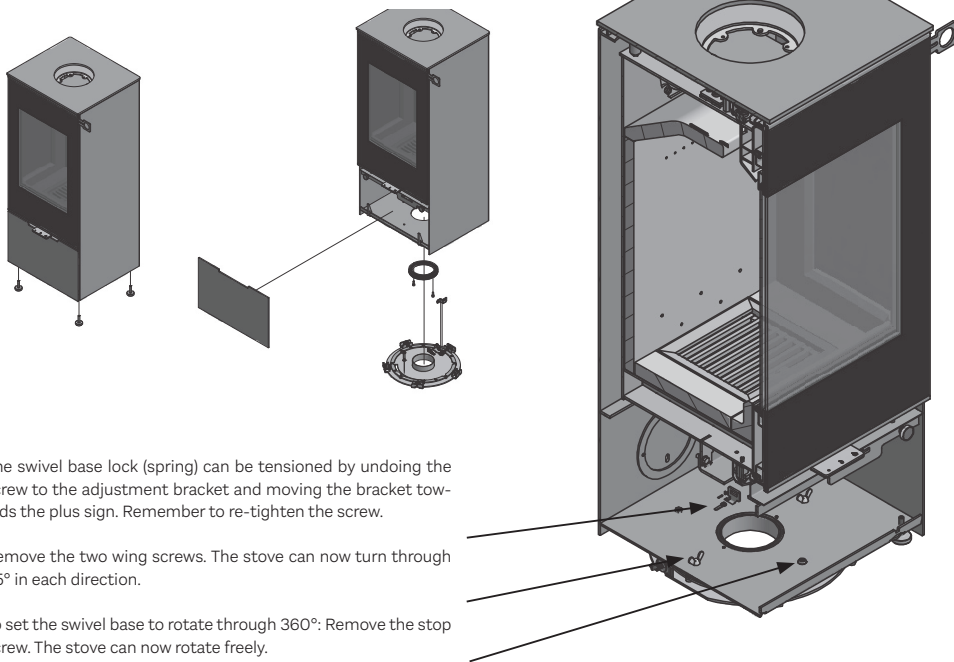
REMOVING TRANSPORT LOCKS FROM A STOVE WITH A SWIVEL BASE

The stove may be supplied with a swivel base. If so, the swivel base is located beneath the stove and locked in position using two wing screws while the stove is being transported. How these are removed is shown below.

The swivel base can be set:

- to rotate through 90° (45° to each side) – (set when delivered)
- to rotate through 360°

Open the front by pulling the front panel forward and lifting it.



The swivel base lock (spring) can be tensioned by undoing the screw to the adjustment bracket and moving the bracket towards the plus sign. Remember to re-tighten the screw.

Remove the two wing screws. The stove can now turn through 45° in each direction.

To set the swivel base to rotate through 360°: Remove the stop screw. The stove can now rotate freely.

DISPOSING OF PACKAGING

RECYCLING

Your stove is supplied in packaging that can be recycled.

This should be disposed of in accordance with national regulations regarding disposal of waste.

The glass cannot be recycled.

The glass must be disposed of together with residual ceramic and porcelain waste. Refractory glass melts at a higher temperature and so it cannot be recycled.

The environment will benefit if you make sure that refractory glass is not discarded with products for recycling.

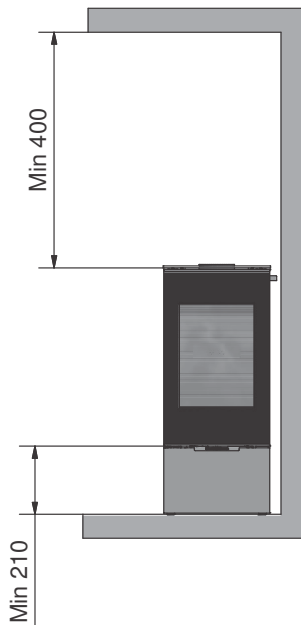
INSTALLATION DISTANCES

INSTALLATION DISTANCES

The applicable installation distances for Nexo are shown below.

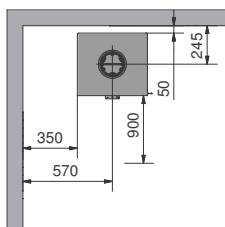
The dimensions stated are in mm.

Installation distance to flammable ceiling

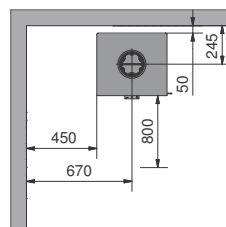


Installation distances, flammable – insulated flue

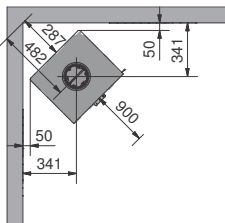
NEXO (without side glass)



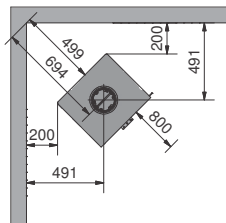
NEXO (with side glass)



NEXO (without side glass)



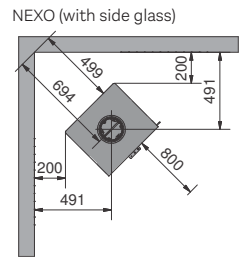
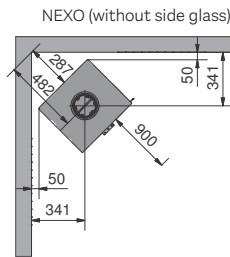
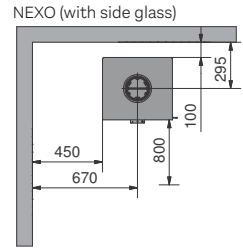
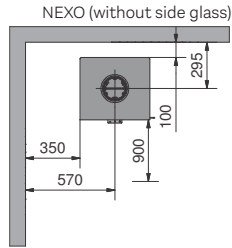
NEXO (with side glass)



INSTALLATION DISTANCES

INSTALLATION DISTANCES

Installation distances, flammable – non-insulated flue



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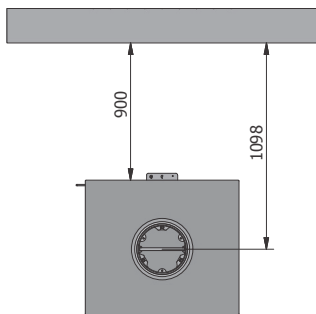


INSTALLATION DISTANCES – STOVE WITH SWIVEL BASE

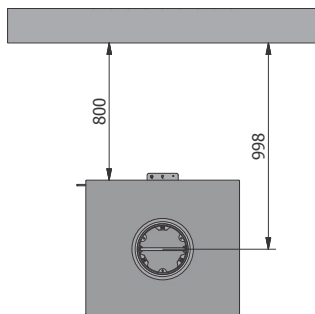
INSTALLATION DISTANCES – STOVE WITH SWIVEL BASE

The installation distances to flammable walls are increased if your stove has a swivel base. The applicable distances are shown below.

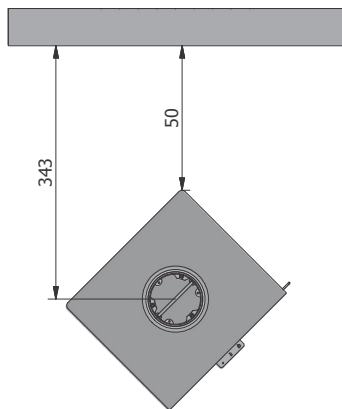
360° - without side glass



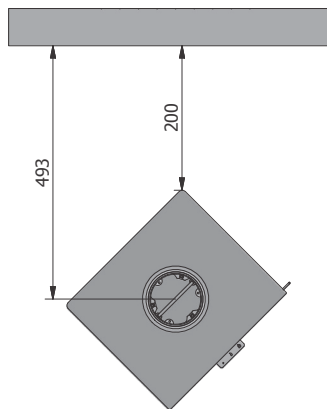
360° - with side glass



90° - without side glass



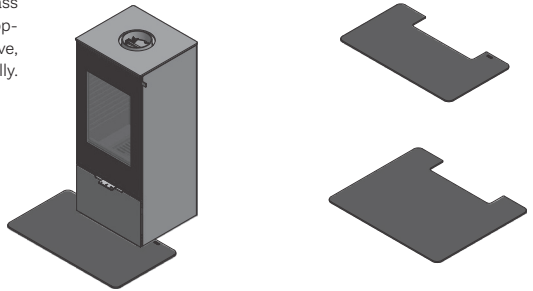
90° - with side glass



ADJUSTMENTS

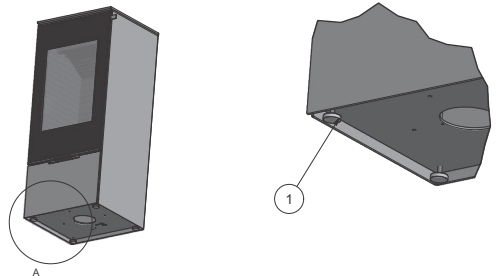
INSTALLATION OF FLOOR PLATE

RAIS/attika supply elegant floor plates made of tempered glass that match the shape of the stove. These are available as an optional extra. The floor plate is simply pushed up to the stove, which makes it possible to clean beneath the plate occasionally.



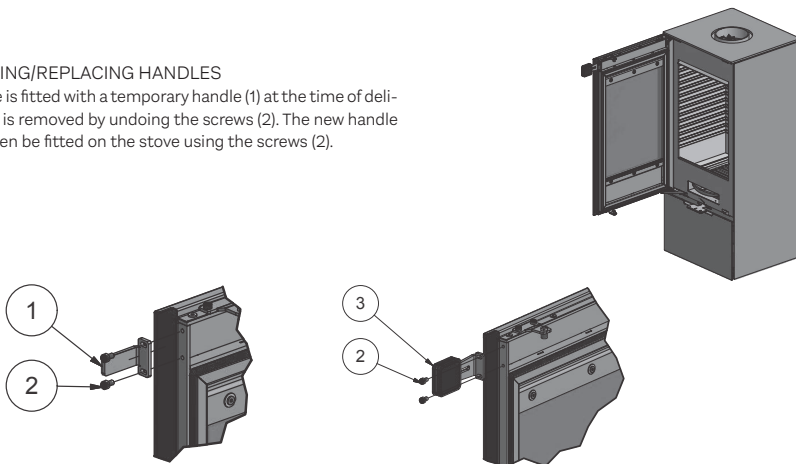
ADJUSTING THE HEIGHT

The stove comes with four adjusting screws (1) underneath the stove. These adjusting screws are used to ensure that the stove is horizontal.



INSTALLING/REPLACING HANDLES

The stove is fitted with a temporary handle (1) at the time of delivery. This is removed by undoing the screws (2). The new handle (3) can then be fitted on the stove using the screws (2).

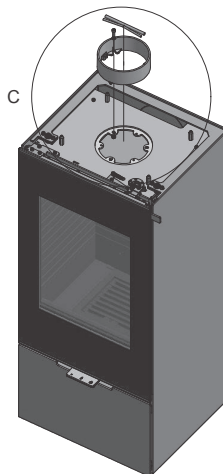
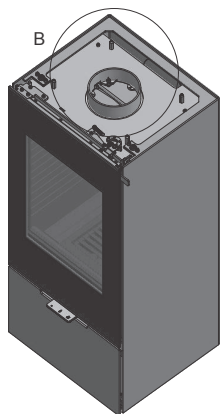
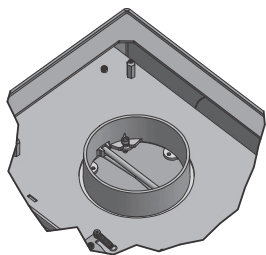
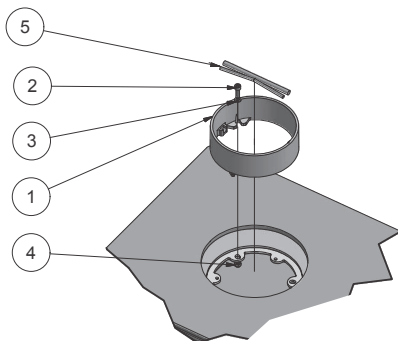


INSTALLING A FLUE COLLAR IN THE TOP OUTLET

INSTALLING A FLUE COLLAR IN THE TOP OUTLET

The flue collar can be found in a bag inside the stove when the stove is delivered.

1. The flue collar (1) is fitted using the three screws (2), washers (3) and nuts (4).
2. The ball stop (5) is fitted. It must only be mounted in the two groups in the flue collar.
3. The top plate is installed last. See page 18.

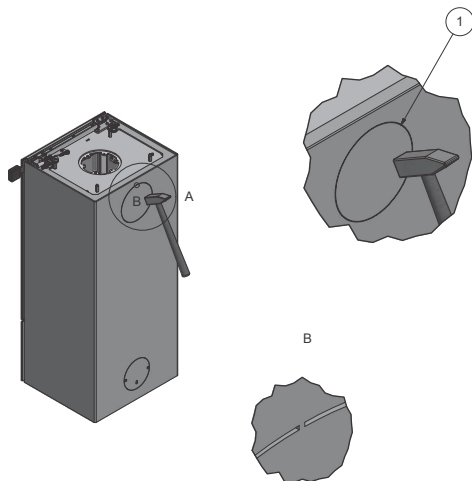


ALTERING THE CHIMNEY CONNECTION

ALTERING THE CHIMNEY CONNECTION

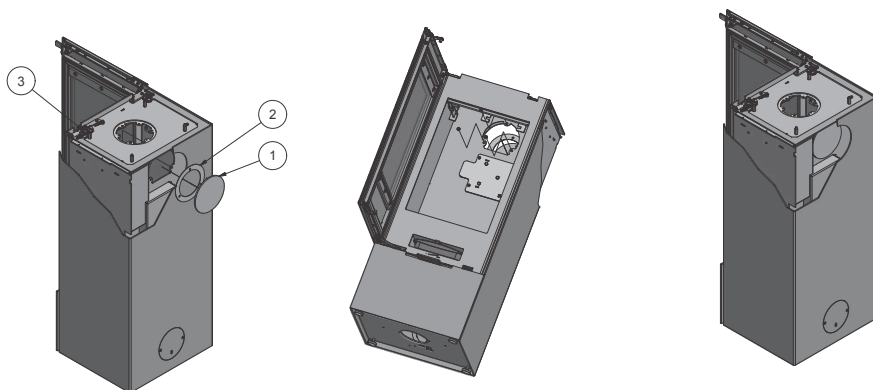
The stove is supplied ready for a top outlet at the time of delivery, but this can be altered to a rear outlet as follows:

1. Remove the top plate (see page 18).
2. Remove the combustion chamber lining (see page 19).
3. On the back of the stove is a knockout plate (1) which has to be knocked out of the back. This is secured by means of four small pins (B).
4. Knock out the knockout plate on the back of the stove using a hammer or similar.



When the knockout plate has been removed, the blanking plate (1) must be fitted in the top outlet of the stove.

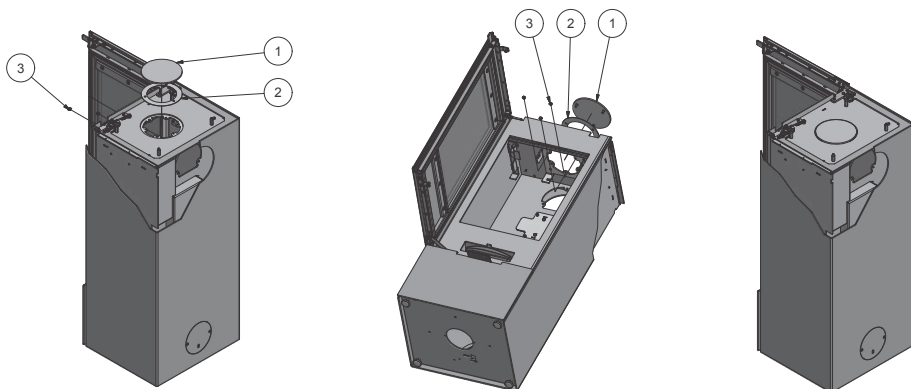
5. The blanking plate (1) and gasket (2) are removed by unscrewing the nuts (3).



ALTERING THE CHIMNEY CONNECTION

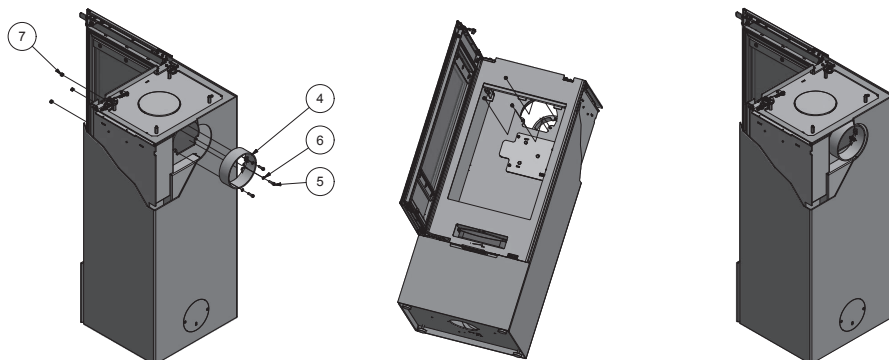
ALTERING THE CHIMNEY CONNECTION

6. The blanking plate (1) and gasket (2) are mounted in the top outlet and tightened using the nuts (3).



Finally, the flue collar is mounted in the rear outlet.

7. The flue collar (4) is fitted using the screws (5), the washers (6) and the nuts (7) as illustrated.

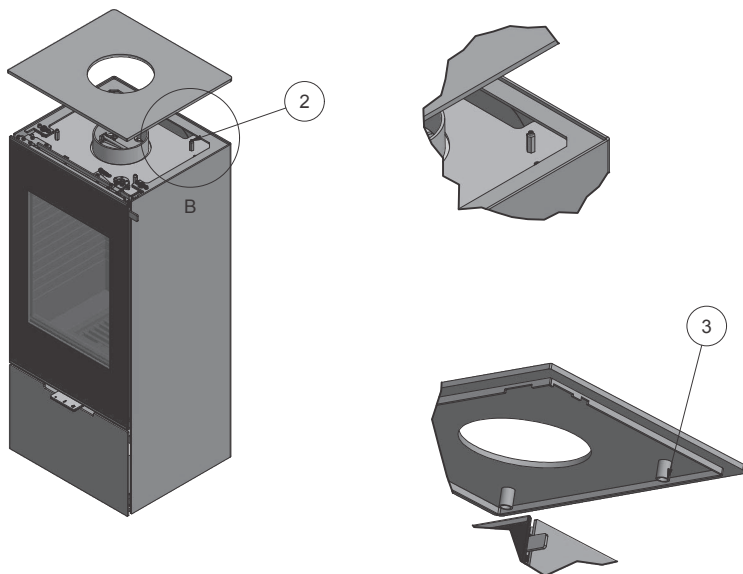


INSTALLING THE TOP PLATE

INSTALLING THE TOP PLATE

There are two tubes (3) on the top plate, these have to be centred about the grub screws (2). The tubes on the top plate must face towards the rear panel.

The height of the top plate is adjusted using the grub screws (2).



REMOVING THE COMBUSTION CHAMBER LINING – WITHOUT SIDE GLASS

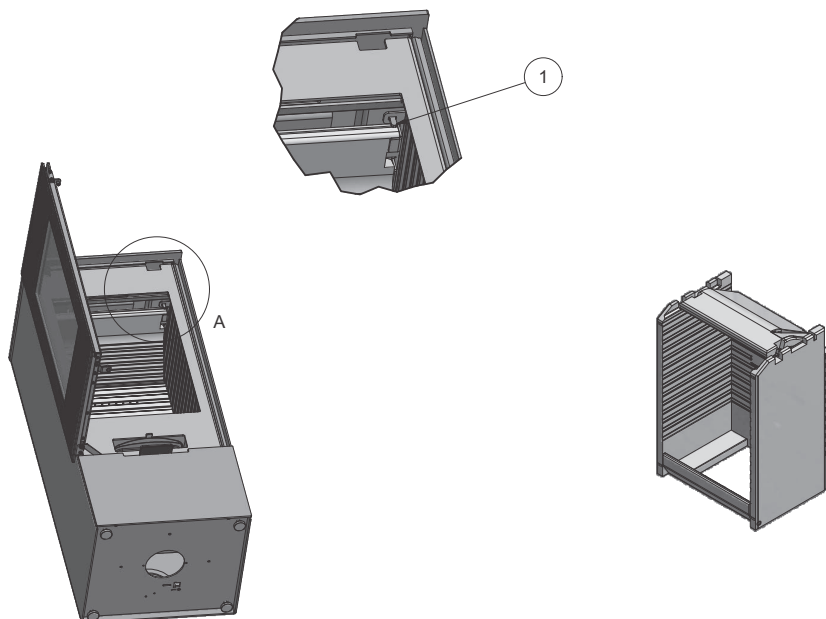
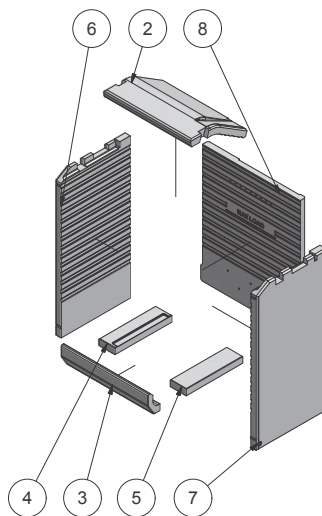
REMOVING THE COMBUSTION CHAMBER LINING

Stove without side glass:

The combustion chamber lining is removed as follows:

1. Remove the lock (1) at both sides. This is pushed upwards until it comes free of the hole. It can then be removed from the stove.
2. After that, the smoke converter plate (2) can be removed by lifting it up.
3. The front combustion chamber lining (3) is lifted and can be taken out.
4. The bottom combustion chamber lining (4) and (5) is lifted up.
5. The side combustion chamber lining (6) and (7) is removed by rotating them inwards at the front until they come loose. It can then be taken out.
6. Finally, the rear combustion chamber lining (8) can be taken out.

Reverse this sequence when refitting the combustion chamber lining.



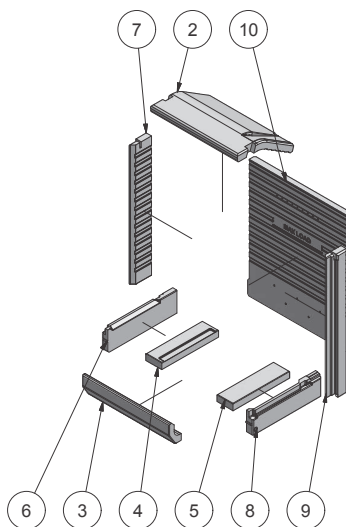
REMOVING THE COMBUSTION CHAMBER LINING - WITH SIDE GLASS

REMOVING THE COMBUSTION CHAMBER LINING

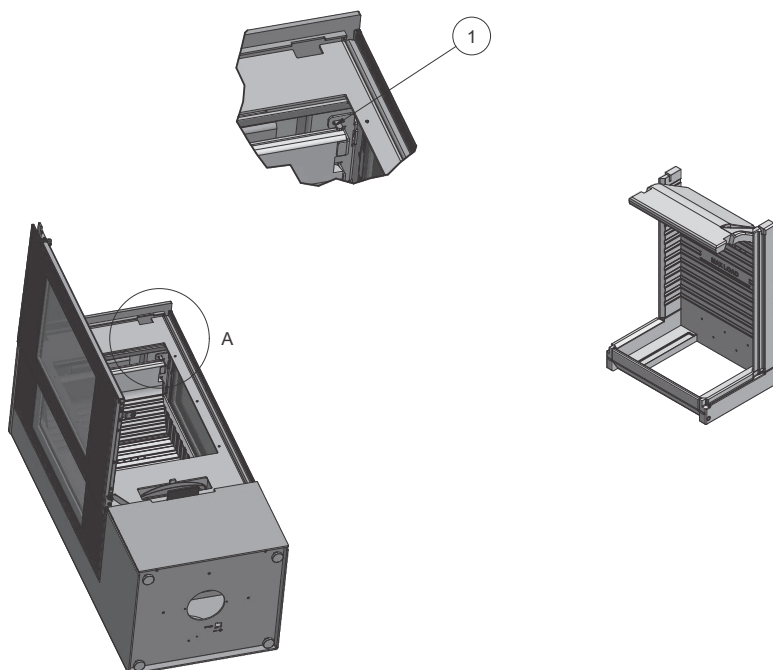
Stove with side glass:

The combustion chamber lining is removed as follows:

1. Remove the lock (1) at both sides. This is pushed upwards until it comes free of the hole. It can then be removed from the stove.
2. After that, the smoke converter plate (2) can be removed by lifting it up.
3. The front combustion chamber lining (3) is lifted and can be taken out.
4. The bottom combustion chamber lining (4) and (5) is lifted up and can be taken out.
5. The lower side combustion chamber lining (6) and (8) is taken out.
6. The upper side combustion chamber lining (7) and (9) is taken out.
7. Finally, the rear combustion chamber lining (10) is taken out.



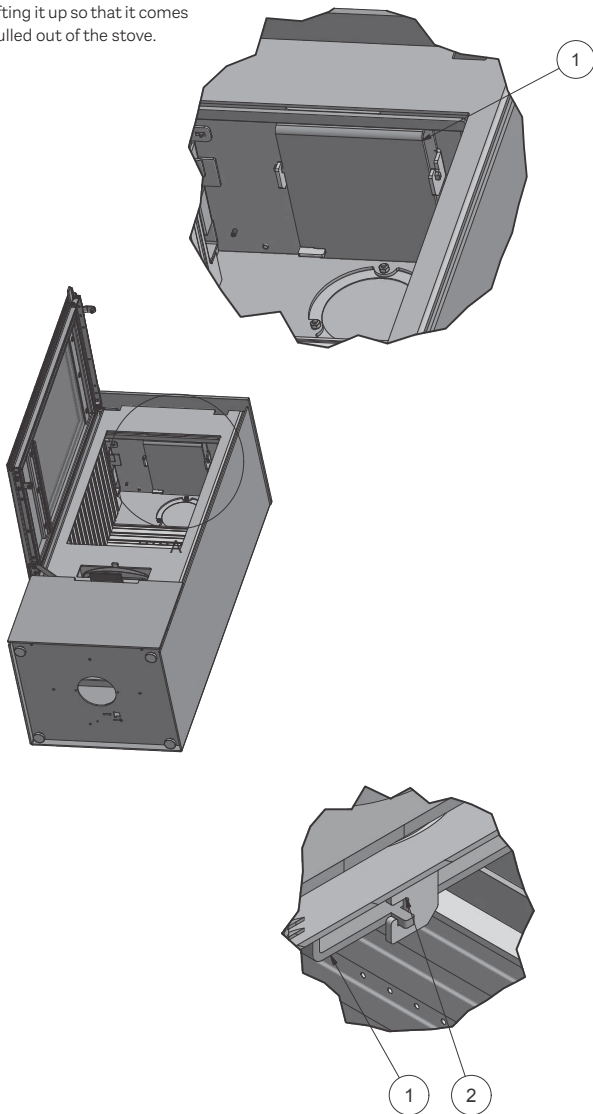
Reverse this sequence when refitting the combustion chamber lining.



REMOVING THE SMOKE CHICANE

REMOVING THE SMOKE CHICANE

First, remove the smoke converter plate (see the section on removing the combustion chamber lining on pages 19 and 20). The smoke chicane (1) is removed by lifting it up so that it comes free of the groove (2). It can then be pulled out of the stove.



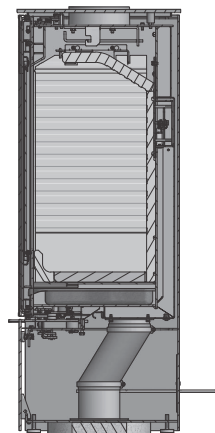
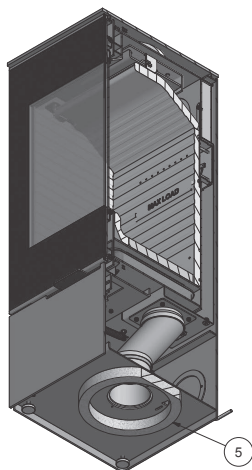
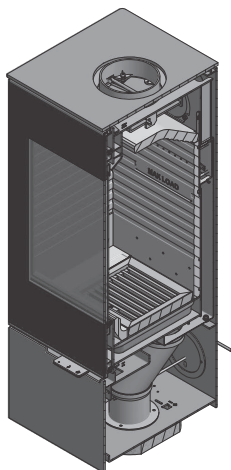
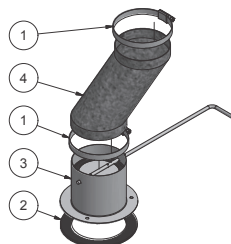
EXTERNAL AIR CONNECTION – AIRSYSTEM

EXTERNAL AIR CONNECTION – AIRSYSTEM

All RAIS/attika stoves have the option of providing an external air supply. This external air supply is what we call AirSystem. The system's air intake can be concealed by installing it in the floor, or in the wall behind the stove.

AIR CONNECTION THROUGH THE FLOOR

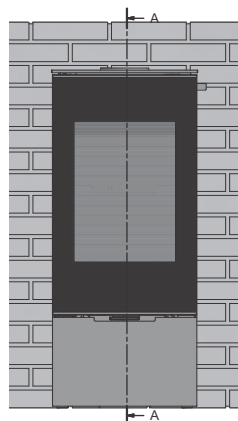
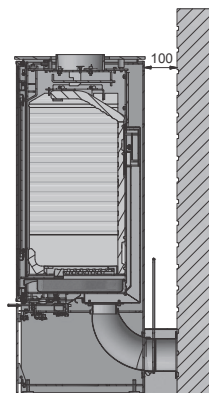
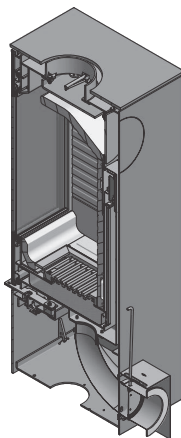
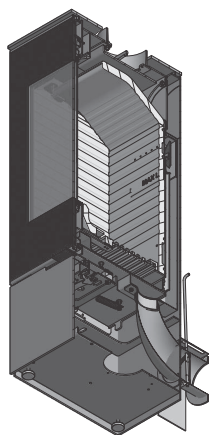
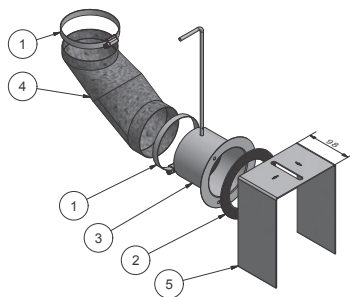
1. The foam rubber ring (5) is placed beneath the stove and centred in the hole at the bottom of the stove.
2. The air valve (3) is screwed to the bottom of the stove, placing the gasket (2) between the stove and the air valve.
3. The flexible hose (4) is mounted on the connecting piece at the bottom of the combustion chamber and the air valve (3) and tensioned using the hose clamps (1).



EXTERNAL AIR CONNECTION – AIRSYSTEM

AIR CONNECTION THROUGH THE REAR PANEL

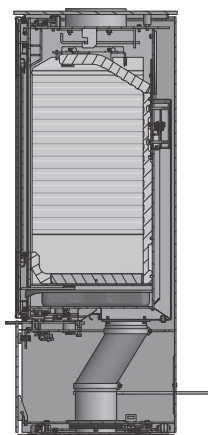
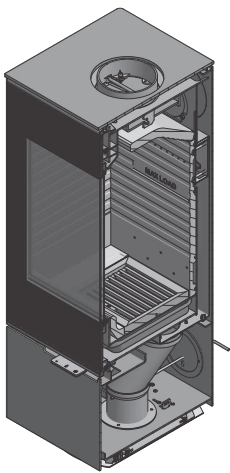
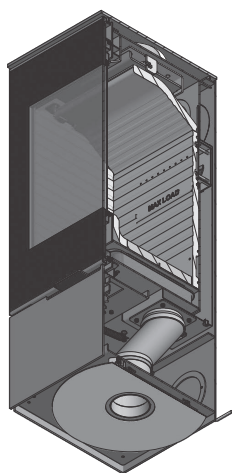
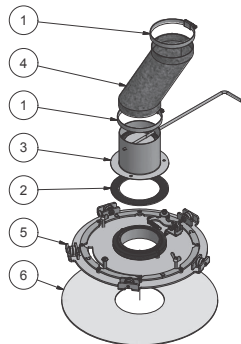
1. Remove the cover at the back of the stove.
2. The air valve (3) is mounted on the wall, placing the gasket (2) between the wall and the air valve.
3. Fit the cover (5) over the air valve (3).
4. The flexible hose (4) is mounted on the connecting piece on the combustion chamber and the air valve (3) and tensioned using the hose clamps (1).



EXTERNAL AIR CONNECTION – AIRSYSTEM

AIR CONNECTION THROUGH THE FLOOR, WITH SWIVEL BASE

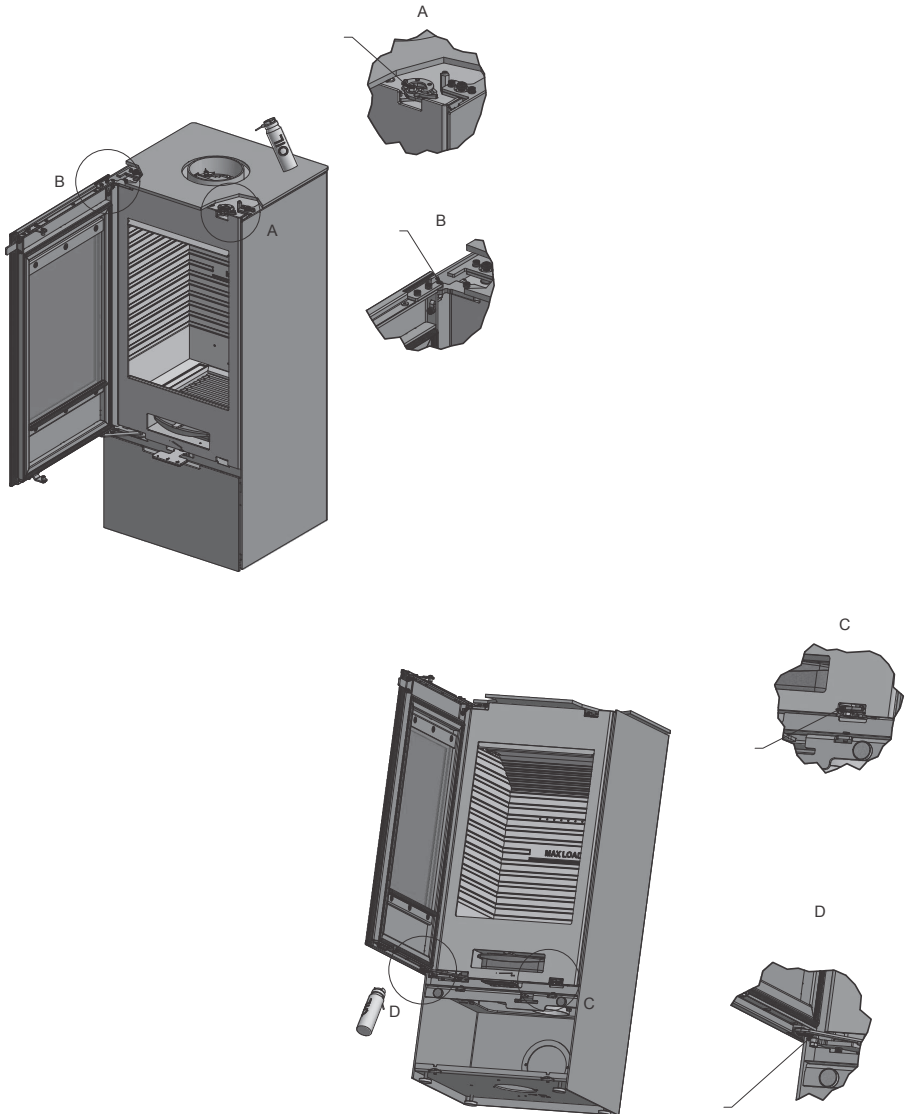
1. The gasket (6) must be placed on the floor, beneath the swivel base (5). It can be bonded to the floor if necessary.
2. The air valve (3) is mounted on the bottom of the stove, placing the gasket (2) between the stove and the air valve.
3. The flexible hose (4) is mounted on the connecting piece on the combustion chamber and the air valve (3) and tensioned using the hose clamps (1).



LUBRICATING HINGES

LUBRICATING HINGES

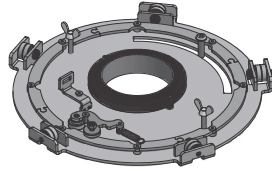
The stove is lubricated regularly at the four moving parts of the fastener and the hinges (see the illustration). Use a heat-resistant oil.



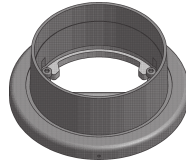
ACCESSORIES

(XX) Variable colour code

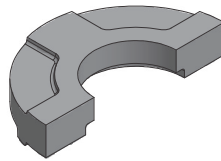
10-0000-1501 - Swivel base



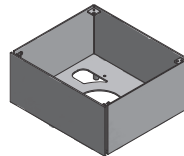
8131390 - Swivel adapter



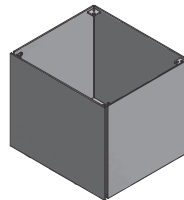
99-MODULWS - 6KG
Heat accumulating stone



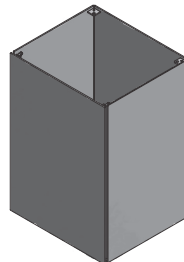
10-0000-240101XX
Small Topbox



10-0000-240201XX
Medium Topbox



10-0000-240301XX
Large Topbox

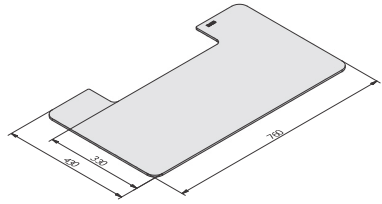


GB

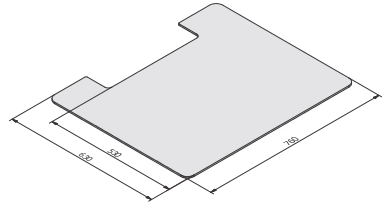
ACCESSORIES

ACCESSORIES

10-0000-490101 - Glass floor plate
760 x 430 x 6 mm



10-0000-490201 - Glass floor plate
760 x 630 x 6 mm



10-0000-1101
1. Handle - Stainless Steel

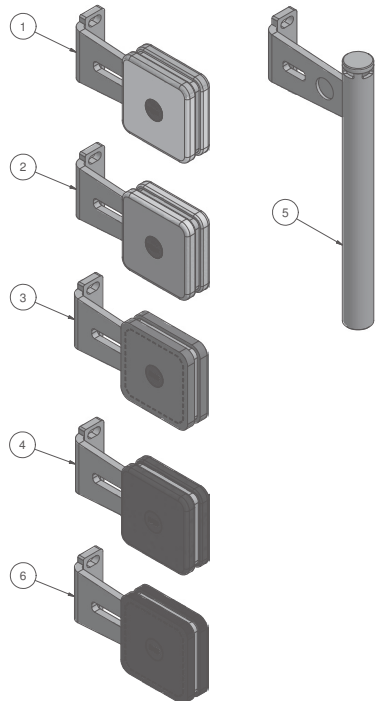
10-0000-1102
2. Handle - Corian White

10-0000-1103
3. Handle - Brown Leather

10-0000-1104
4. Handle - Black Oak

10-0000-1105
5. Handle - Classic

10-0000-1106
6. Handle - Black Leather



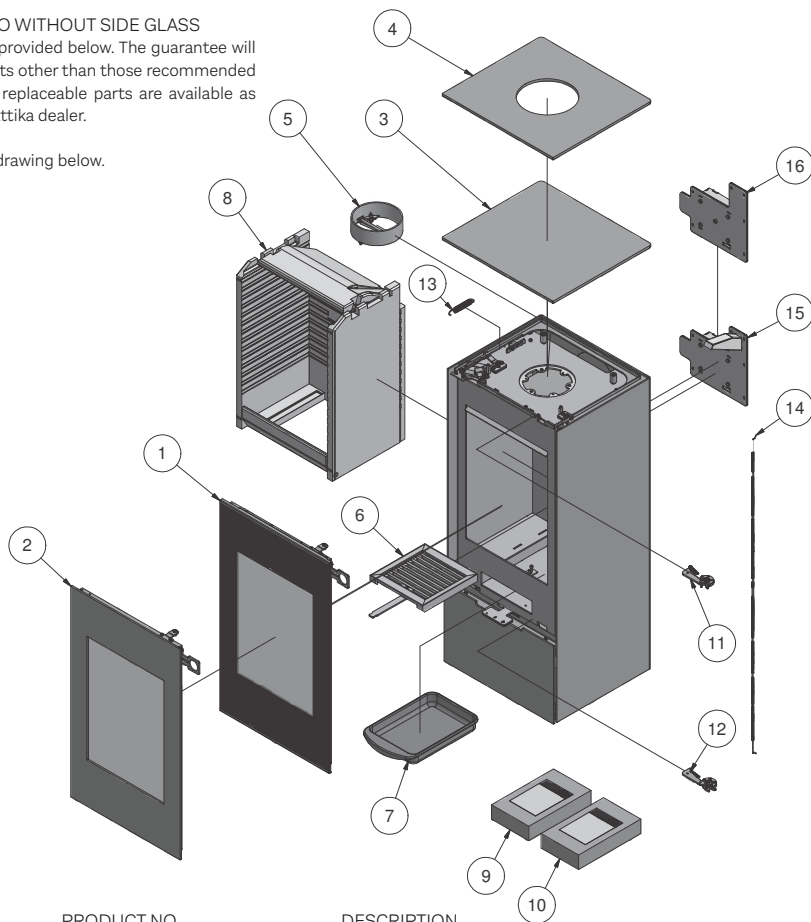
SPARE PARTS LIST

SPARE PARTS LIST – NEXO WITHOUT SIDE GLASS

A list of Nexo spare parts is provided below. The guarantee will be rendered void if spare parts other than those recommended by RAIS/attika are used. All replaceable parts are available as spare parts from your RAIS/attika dealer.

See the spare parts list and drawing below.

xx: optional colour code



POS.	QTY.	PRODUCT NO.	DESCRIPTION
1	1	10-0000-1001	Glass door
2	1	10-0000-1002	Classic Glass door
3	1	10-0000-0601xx	Top plate for rear outlet
4	1	10-0000-0602xx	Top plate for top outlet
5	1	61-00	Flue outlet collar 6"
6	1	1313800	Riddling grate
7	1	1314001	Ash pan
8	1	10-0000-2201	Skamol set
9	1	10-0000-5501	Set of seals for Glass door
10	1	10-0000-5502	Set of seals for Classic Glass door
11	1	10-0000-1801	Closing mechanism – Top
12	1	10-0000-1802	Closing mechanism – Bottom
13	1	7301026 Ba1	Spring
14	1	1710924	Wire for air damper
15	1	1710990	Air damper – CleverAir unit
16	1	1711790	Air damper – Complete

SPARE PARTS LIST

SPARE PARTS LIST – NEXO WITH SIDE GLASS

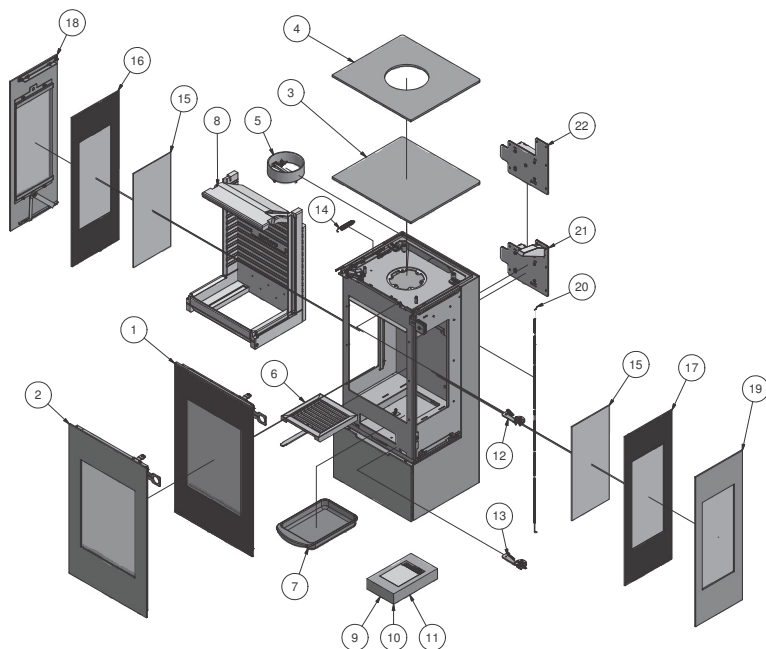
A list of Nexo spare parts is provided below.

The guarantee will be rendered void if spare parts other than those recommended by RAIS/attika are used.

All replaceable parts are available as spare parts from your RAIS/attika dealer.

See the spare parts list and drawing below.

xx: optional colour code



POS.	QTY.	PRODUCT NO.	DESCRIPTION
1	1	10-0000-1001	Glass door
2	1	10-0000-1003	Classic double Glass door
3	1	10-0000-0601xx	Top plate for rear outlet
4	1	10-0000-0602xx	Top plate for top outlet
5	1	61-00	Flue outlet collar 6"
6	1	1313800	Fiddling grate
7	1	1314001	Ash pan
8	1	10-0000-2202	Skamol set for side glass model
9	1	10-0000-5501	Set of seals for Glass door
10	1	10-0000-5503	Set of seals for Classic double Glass door
11	1	10-0000-5505	Set of seals for side glass
12	1	10-0000-1801	Closing mechanism – Top
13	1	10-0000-1802	Closing mechanism – Bottom
14	1	7301026 Ba1	Spring
15	2	10-0000-5005	Int. glass to side (IR-Max)
16	1	10-0000-5003	Left side glass
17	1	10-0000-5004	Right side glass
18	1	10-0000-2601xx	Steel side – left
19	1	10-0000-2602xx	Steel side – right
20	1	1710924	Wire for air damper
21	1	1710990	Air damper – CleverAir unit
22	1	1711790	Air damper – Complete

DECLARATION OF PERFORMANCE

DECLARATION OF PERFORMANCE



UK DECLARATION OF PERFORMANCE

Construction Products Regulation (CPR) 2011 (Retained EU law 305/2011) as amended

No.: 10

- Nexo 100 - Manual / Nexo 100 - Clever Air / Nexo 100 Classic - Manual / Nexo 100 Classic - Clever Air
 Nexo 120 - Manual / Nexo 120 - Clever Air / Nexo 120 Classic - Manual / Nexo 120 Classic - Clever Air
 Nexo 140 - Manual / Nexo 140 - Clever Air / Nexo 140 Classic - Manual / Nexo 140 Classic - Clever Air
 Nexo 160 - Manual / Nexo 160 - Clever Air / Nexo 160 Classic - Manual / Nexo 160 Classic - Clever Air
 Nexo 185 - Manual / Nexo 185 - Clever Air / Nexo 185 Classic - Manual / Nexo 185 Classic - Clever Air
 Sideglass Models
 Nexo 100 - Manual / Nexo 100 - Clever Air / Nexo 100 Classic - Manual / Nexo 100 Classic - Clever Air
 Nexo 120 - Manual / Nexo 120 - Clever Air / Nexo 120 Classic - Manual / Nexo 120 Classic - Clever Air
 Nexo 140 - Manual / Nexo 140 - Clever Air / Nexo 140 Classic - Manual / Nexo 140 Classic - Clever Air
 Nexo 160 - Manual / Nexo 160 - Clever Air / Nexo 160 Classic - Manual / Nexo 160 Classic - Clever Air
 Nexo 185 - Manual / Nexo 185 - Clever Air / Nexo 185 Classic - Manual / Nexo 185 Classic - Clever Air
 Room heater burning solid fuel without hot water supply
- Unique identification code of the product-type
 - Type
 - Intended use
Domestic room heater
 - Manufacturer
RAIS A/S
Industrivej 20, Vangen
DK-9900 Frederikshavn,
Denmark
Telephone +45 98 47 90 33
Telefax +45 98 47 92 91
Webmail kundeservice@rais.dk
Homepage www.rais.com
 - Authorised representative
n/a
 - System of assessment AVCP
System 3
 - Approved Body
Approved Body – Kiwa Ltd No. 0558 and Report Number 61717

performed the determination of the product type on the basis of type testing under system 3 and issued test report

8. Declared performance Harmonized technical specification: BS EN 13240: 2001+A2:2004

Essential characteristics		Performance	
Fire safety		Without sideglass	With sideglass
Reaction to fire	A1		
Distance to combustible materials	rear	100mm	100mm
Minimum distances [mm] <i>For other installation or wall settings see instruction manual</i>	sides	350mm	450mm
	ceiling	400mm	400mm
	Front	900mm	800mm
Risk of burning fuel falling out	Pass		
OGC (mg/Nm ³ rel. 13 Vol-% O ₂)	51		
CO-emission of combustion products	0,09 % /		
	1132 mg/Nm ³		
NO _x (mg/Nm ³ rel. 13 Vol-% O ₂)	91		
Dust at (rel. 13 Vol-% O ₂)	4 mg/Nm ³		
Surface temperature	Pass		
Electrical safety	NPD		
Cleanability	Pass		
Maximum operating pressure	- bar		
Flue gas temperature T at nominal heat output	268 °C		
Mechanical resistance (to carry a chimney/flue)	NPD		
Thermal output			
Nominal heat output	5,0 kW		
Room heating output	5,0 kW		
Water heating output	- kW		
Energy efficiency η	80 %		
Seasonal Efficiency $\eta_{s,an}$	70 %		

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

John Engell Nielsen, R&D / Quality Manager

Place FREDERIKSHAVN, DENMARK

Date 08-08-2023


Signature



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ART  OF FIRE

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DK-9900 Frederikshavn
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