

Contura

C820T Style

C820TG Style



SE

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Facts



3-7 kW



965 mm



465 mm



365 mm



125 kg

| | |
|--|---------|
| Nominal effect | 5 kW |
| Efficiency | 81 % |
| Flue gas temperature in the connection at nominal output | 309°C |
| Flue gas mass flow | 4,3 g/s |

Type approved in accordance with:

European standard EN-13240

NS 3059 (Norway)

BImSchV.2 (Germany)

Art. 15a B-VG (Austria)

Clean Air Act. (UK)



The stove becomes very hot

During operation, certain surfaces of the stove become very hot and can cause burn injury if touched. Be aware of the strong heat radiated through the hatch glass. Placing flammable material closer than the safe distance indicated may cause a fire. Pyre lighting can cause quick gas ignition with the risk of damage to property and personal injury.

Installation by authorised technician

This manual contains instructions about how the stoves must be assembled and installed. To ensure the function and safety of the stove, we recommend that the installation is carried out by an authorised technician. Contact one of our dealers who can recommend suitable technicians.

Building application

These main instructions may give guidance which would contravene national building regulations. Please refer to supplementary instructions or ask your local authority for advice regarding building regulations. Before installing a stove or erecting a chimney it is necessary for you to make a building application permission to your local authority. The owner of the house is personally responsible for ensuring compliance with the mandatory safety requirements and must have the installation approved by a qualified inspector. Your local chimney sweep must also be informed about the installation as this will affect the routines for regular chimney-sweeping services.

Structural support

Check that the wood joists are strong enough to bear the weight of the stove and chimney. The stove and chimney can usually be placed on a normal wooden joist in a single occupancy house if the total weight does not exceed 400 kg.

Hearth plate

Due to the risk of falling embers, a flammable floor must be protected by a hearth plate. It must extend 300 mm in front of the stove and 100 mm on each side of the stove, or have a 200 mm extension on each side of the opening. The hearth plate can consist of natural stone, concrete, metal plate or glass. A glass hearth plate is available as an accessory for these models.

Final inspection of the installation

It is extremely important that the installation is inspected by an authorised chimney sweep before the stove is used. Also read the "Lighting instructions", before lighting for the first time.

Connection to chimney

- The stove must be connected to chimneys dimensioned for a minimum flue gas temperature of 400°C.
- The external diameter of the connection sleeve is 150 mm.
- Normal chimney draw under nominal operation should be between 20-25 Pa close to the connector. The draft is affected both by the length and area of the chimney, and by how well sealed it is. Minimum recommended chimney length is 3.5 m and suitable cross section area is 150-200 cm² (140-160 mm in diameter).
- A flue with sharp bends and horizontal routing reduces the draught in the chimney. Maximum horizontal flue is 1 m, on the condition that the vertical flue length is at least 5 m.
- It must be possible to sweep the full length of the flue and the soot hatches must be easily accessible.
- Carefully check that the chimney is sealed and that there is no leakage around soot hatches and flue connections. See page 40.
- The stove meets the requirements for connection to a branched flue pipe.

Supply of combustion air

When a stove is installed in a room, the demand for air supply to the room increases. Air can be provided indirectly via a vent in the outer wall or via a duct from the outside that is connected to the connector on the underneath of the stove. The amount of air needed for combustion is 15 m³/h.

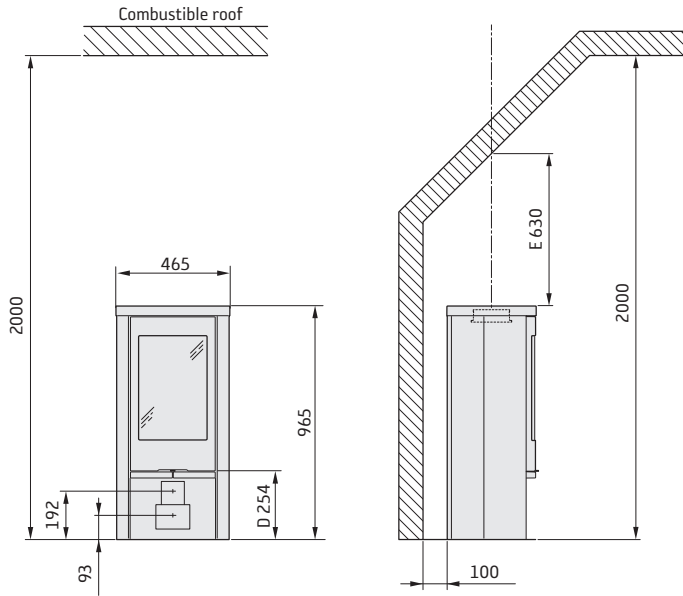
The connector for the combustion air has an external diameter of 67 mm. When duct routing further than 1 m the pipe diameter must be increased to 100 mm and a correspondingly larger wall vent must be selected.

In hot areas, the duct should be insulated with 30 mm mineral wool with a moisture inhibiting outer cover. It is also important to seal around the hole in the wall (or floor) of the lead-in using sealant.

A 1 m length of condensation insulated ducting for combustion air is available as an accessory. See page 42.

Installation distances

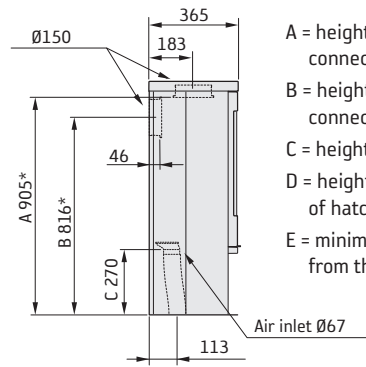
C820T / C820TG Style



A separate glass hearth plate (accessory) increases the connection height to the chimney by 10 mm.

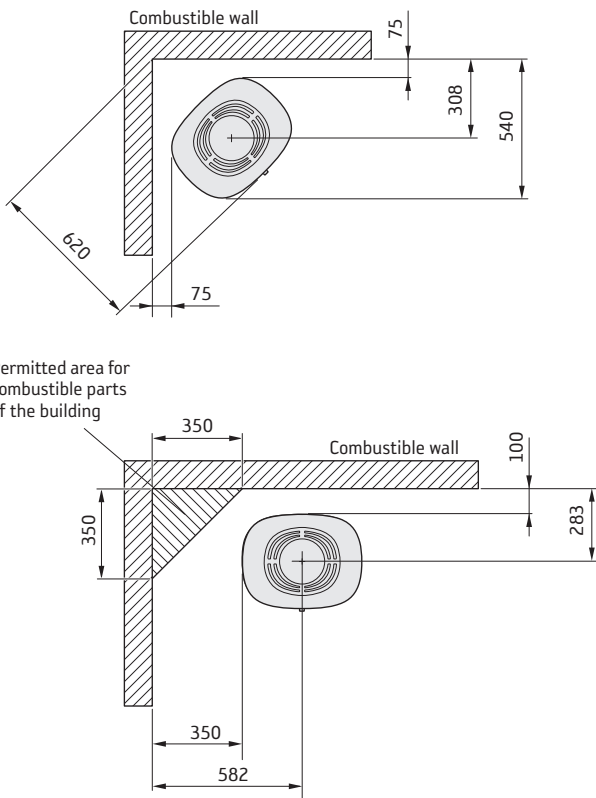
The minimum distance in front of the stove opening to combustible parts of the building or interior decoration must be at least 1,1 m.

The dimension diagrams only show the minimum permitted installation distances for the stove. When connecting to a steel flue, also note the safety distance requirements of the flue. The safety distance between an un-insulated flue and a combustible part of the building should be at least 450 mm.

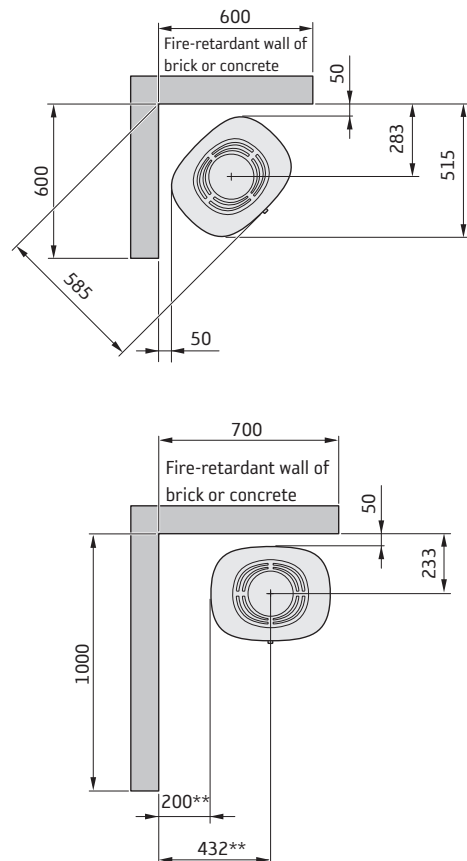


- A = height from floor to chimney connection upwards
- B = height from floor to c/c chimney connection rear
- C = height from floor to air inlet
- D = height from floor to lower edge of hatch
- E = minimum height to sloped ceiling from the centre of the chimney

INSTALLATION AGAINST COMBUSTIBLE WALLS



INSTALLATION AGAINST FIREWALLS



* If the stove is placed on a hearth plate made of glass for example (accessory), the height from the floor is affected by a distance corresponding to the thickness of the hearth plate, for a free standing glass hearth plate this is 10 mm.

** To prevent discolouration of painted non-flammable walls we recommend that the same side distance as to combustible walls is used.

Declaration of performance according to Regulation (EU) 305/2011

No. C820T-CPR-191219

Contura

PRODUCT

Type Wood burning stove
Trade name Contura 820T
Intended area of use Heating of rooms in residential buildings
Fuel Wood

MANUFACTURER

Name NIBE AB / Contura
Address Box 134, Skulptörvägen 10
SE-285 23 Markaryd, Sweden

VERIFICATION

According to AVCP System 3
European standard EN 13240:2001 / A2:2004 / AC:2007
Test institute Danish Technological Institute, NB 1235

DECLARED PERFORMANCE

| ESSENTIAL CHARACTERISTICS | PERFORMANCE | HARMONISED TECHNICAL SPECIFICATION |
|---|--|------------------------------------|
| Fire safety | Pass | EN 13240:2001 / A2:2004 / AC:2007 |
| Fire classification | A1 | |
| Minimum distance to flammable materials | Rear: 100 mm Side: 350 mm Ceiling: 1035 mm Front: 1100 mm Floor: 0 mm Corner: 75 mm | |
| Fire hazard due to burning fuel falling out | Pass | |
| Cleanability | Pass | |
| Emissions from combustion | CO: 0,11% | |
| Surface temperatures | Pass | |
| Temperature on the handle | Pass | |
| Mechanical resistance | Pass | |
| Temperature in the space for wood storage | Pass | |
| Nominal output | 5,0 kW | |
| Efficiency | 81,0% | |
| Flue gas temperature at nominal output | 259°C | |
| Flue gas temperature in flue spigot | 314°C | |

The undersigned is responsible for the manufacture and conformity with the declared performance.



Niklas Gunnarsson, Business area manager NIBE STOVES
Markaryd, December 19, 2019



EU Declaration of Conformity

| | |
|--------------|--|
| Manufacturer | NIBE AB / Contura |
| Address | Box 134, Skulptörvägen 10 285 23 Markaryd, Sweden |
| E-Mail | info@contura.se |
| Website | www.contura.eu |
| Telephone | +46 433 275100 |

Contura

| THIS DECLARATION OF CONFORMITY IS ISSUED UNDER OUR SOLE RESPONSIBILITY FOR THE FOLLOWING PRODUCT: | | | | | | | |
|---|--|--|--------------|--|-----------------|-------|-----------------|
| Trade name | Contura 800 Style-series: 810 (W) / 820T / 856 (T/W) / 870 / 886 / 890 (T) / 896 | | | | | | |
| Identification of product | www.contura.eu | | | | | | |
| THE OBJECT OF THE DECLARATION DESCRIBED ABOVE IS IN CONFORMITY WITH - | | | | | | | |
| THE RELEVANT UNION HARMONIZATION LEGISLATION: | | | | THE RELEVANT HARMONIZED STANDARDS: | | | |
| DIR 2009/125/EC | | | | EN 13240:2001/A2:2004/AC:2007 | | | |
| REG (EU) 2015/1185 | | | | CEN/TS 15883:2010 | | | |
| REG (EU) 2015/1186 | | | | | | | |
| REG (EU) 2017/1369 | | | | | | | |
| REG (EU) 305/2011 | | | | | | | |
| TECHNICAL DOCUMENTATION | | | | | | | |
| Indirect heating functionality: | | | | No | | | |
| Direct heat output: | | | | 5,0 kW | | | |
| Energy Efficiency Index (EEI): | | | | 107,5 | | | |
| Test report | | | | 300-ELAB-2412-EN, NB 1235 | | | |
| FUEL | PREFERRED FUEL | OTHER SUITABLE FUEL | η_s (%) | EMISSIONS AT NOMINAL HEAT OUTPUT | | | |
| | | | | PM | OGC | CO | NO _x |
| | | | | mg/ Nm ³ (13% O ₂) | | | |
| Wood logs with moisture content $\leq 25\%$ | Yes | No | 71,0 | <40 | <120 | <1500 | <200 |
| Compressed wood with moisture content $<12\%$ | No | Yes | 71,0 | <40 | <120 | <1500 | <200 |
| Other woody biomass | No | No | | | | | |
| Non-wood biomass | No | No | | | | | |
| Anthracite and dry steam coal | No | No | | | | | |
| Hard coke | No | No | | | | | |
| Low temperature coke | No | No | | | | | |
| Bituminous coal | No | No | | | | | |
| Lignite briquettes | No | No | | | | | |
| Peat briquettes | No | No | | | | | |
| Blended fossil fuel briquettes | No | No | | | | | |
| Other fossil fuel | No | No | | | | | |
| Blended biomass and fossil fuel briquettes | No | No | | | | | |
| CHARACTERISTICS WHEN OPERATING WITH THE PREFERRED FUEL | | | | | | | |
| ITEM | SYMBOL | VALUE | UNIT | ITEM | SYMBOL | VALUE | UNIT |
| HEAT OUTPUT | | | | USEFUL EFFICIENCY, BASED ON NET CALORIFIC VALUE (NCV) | | | |
| Nominal heat output: | P_{nom} | 5,0 | kW | Useful efficiency at nominal heat output | $\eta_{th,nom}$ | 81,0 | % |
| AUXILIARY ELECTRICITY CONSUMPTION | | | | TYPE OF HEAT OUTPUT/ROOM TEMPERATURE CONTROL | | | |
| At nominal heat output | $e_{l,max}$ | - | kW | Single stage heat output, no room temperature control | | | Yes |
| At minimum heat output | $e_{l,min}$ | - | kW | Two or more manual stages, no room temperature control | | | No |
| In standby mode | $e_{l,SB}$ | - | kW | With mechanic thermostat room temperature control | | | No |
| | | | | With electronic room temperature control | | | No |
| | | | | With electronic room temperature control plus day timer | | | No |
| | | | | With electronic room temperature control plus week timer | | | No |
| OTHER CONTROL OPTIONS | | | | | | | |
| | | | | Room temperature control, with presence detection | | | No |
| | | | | Room temperature control, with open window detection | | | No |
| | | | | With distance control option | | | |
| Specific precautions for assembly, installation, or maintenance. | | Fire protection and safety distances to combustible building materials must be observed under all circumstances. A sufficient supply of combustion air must always be guaranteed. Air suction systems can interfere with the combustion air supply. | | | | | |

The undersigned is responsible for the manufacture and conformity with the declared performance.



Niklas Gunnarsson, Business area manager NIBE STOVES
Markaryd, January 1, 2022

**SE** Montering

Om insatsen behöver läggas ned för att förflyttas bör lösa delar demonteras. Demontering av eldstadsbeklädnad beskrivs i slutet av denna anvisning.

- 1 Galler
- 2 Rostertallrik
- 3 Eldstadsbeklädnad (Vermiculit)
- 4 Typskylt
- 5 Brasbegränsare

DE Vor der Montage

Wenn der Einsatz in liegender Position versetzt werden muss, sind lose Komponenten zu demontieren. Die Demontage der Brennraumauskleidung wird am Ende dieser Anleitung beschrieben.

- 1 Gitter
- 2 Rosteller
- 3 Brennraumauskleidung (Vermiculit)
- 4 Typenschild
- 5 Stehrost

NO Før montering

Hvis innsatsen må legges ned for å flyttes, bør løse deler demonteres. Demontering av brennplater og hvelv er beskrevet mot slutten av denne veiledningen.

- 1 Gitter
- 2 Rist
- 3 Brennplater og hvelv (vermiculitt)
- 4 Typeskilt
- 5 Kubbestopper

FR Avant de procéder au montage

Les éléments non fixés devront être déposés si l'insert doit être couché pour être déplacé. Le démontage de l'habillage du foyer est décrite à la fin de ce document.

- 1 Grille
- 2 Grille de décendrage
- 3 Habillage du foyer (Vermiculite).
- 4 Plaque signalétique
- 5 Pare-bûches

GB Prior to installation

If the insert needs to be put down to be moved, loose components should be removed. Removal of the hearth cladding is described at the end of these installation instructions.

- 1 Grille
- 2 Grate disc
- 3 Hearth cladding (Vermiculite)
- 4 Type plate
- 5 Fire bars

DK Før opstilling

Hvis indsatsen skal lægges ned for at blive flyttet, bør løsdele afmonteres. Afmontering af ovnbeklædning beskrives i slutningen af denne vejledning.

- 1 Gitter
- 2 Rund askerist
- 3 Ovnbeklædning (Vermiculite)
- 4 Typeskilt
- 5 Brændeholder

FI Ennen asennusta

Jos tulipesä pitää siirtää kyljellään, irto-osat pitää irrottaa. Tulipesän verhoilun irrotus kuvataan ohjeen lopussa.

- 1 Säleikkö
- 2 Ruostumaton teräslautanen
- 3 Tulipesän verhois (vermikulitti)
- 4 Tyypikilpi
- 5 Suojareunus

IT Prima del montaggio

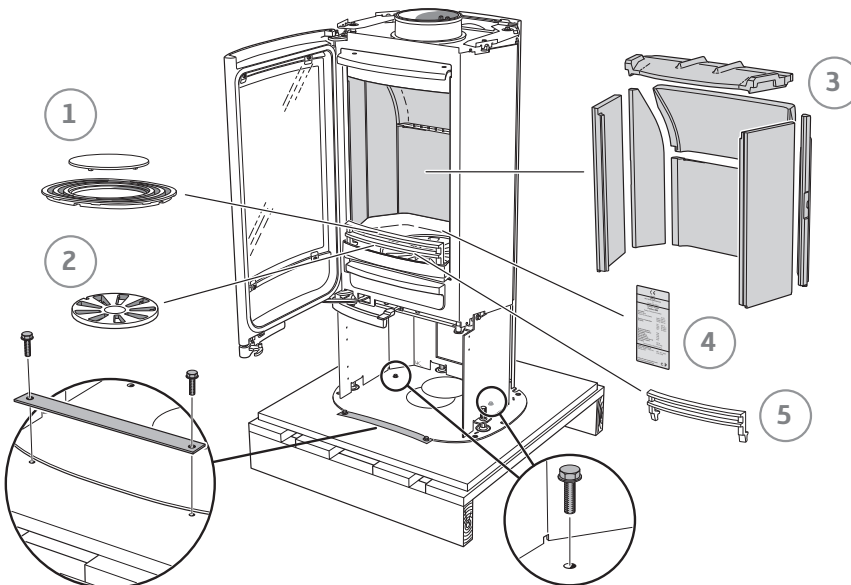
Se è necessario smontare l'inserto per spostarlo, rimuovere prima i componenti liberi. La procedura di smontaggio del rivestimento del focolare è descritta alla fine delle presenti istruzioni.

- 1 Griglia
- 2 Griglia del braciere
- 3 Rivestimento interno del focolare (vermiculite).
- 4 Etichetta prodotto
- 5 FEMALEGNA

NL Voorafgaand aan montage

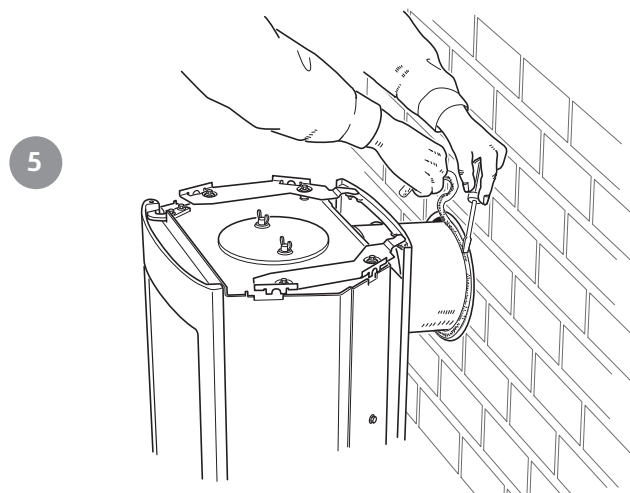
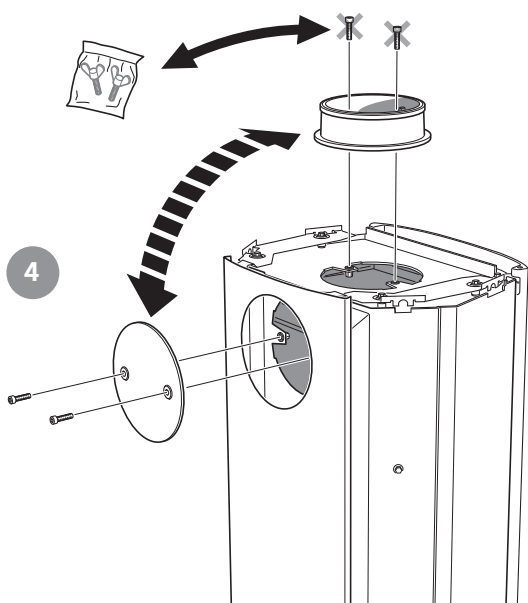
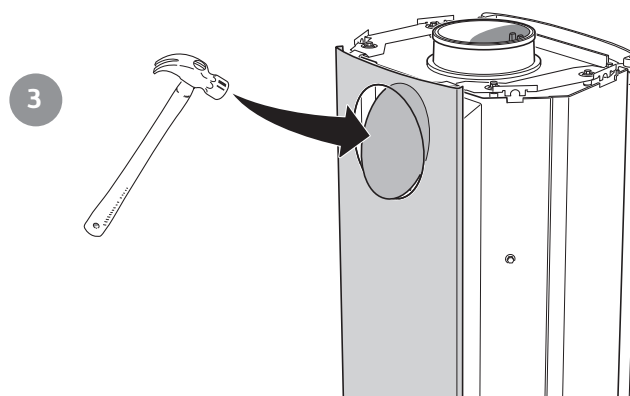
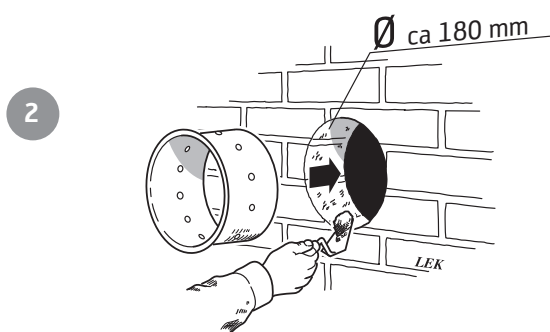
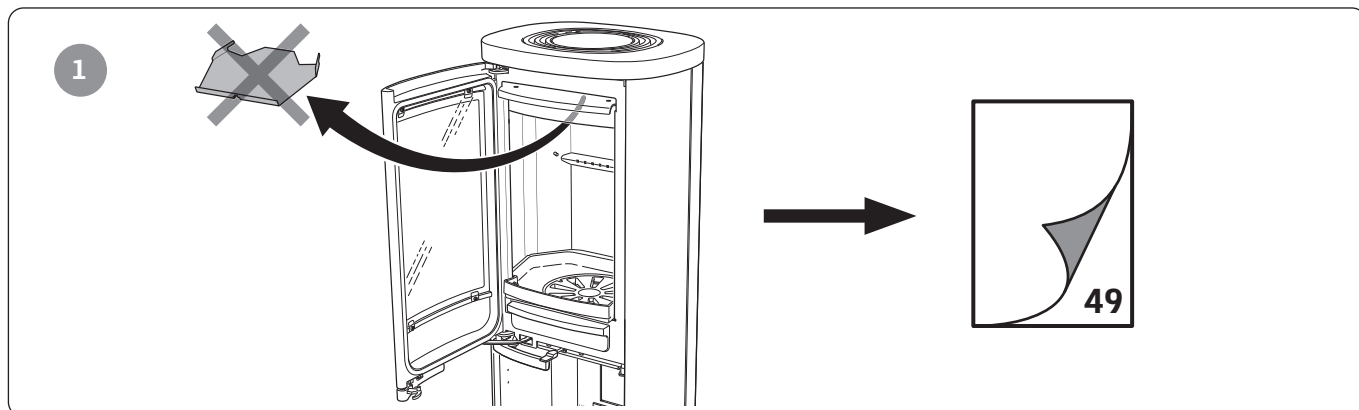
Als de inzet liggend moet worden verplaatst, moeten losse onderdelen worden gedemonteerd. De demontage van de haardbekleding wordt beschreven aan het eind van deze instructies.

- 1 Rooster
- 2 Roosterschijf
- 3 Haardbekleding (vermiculiet)
- 4 Typeplaatje
- 5 Houtvanger





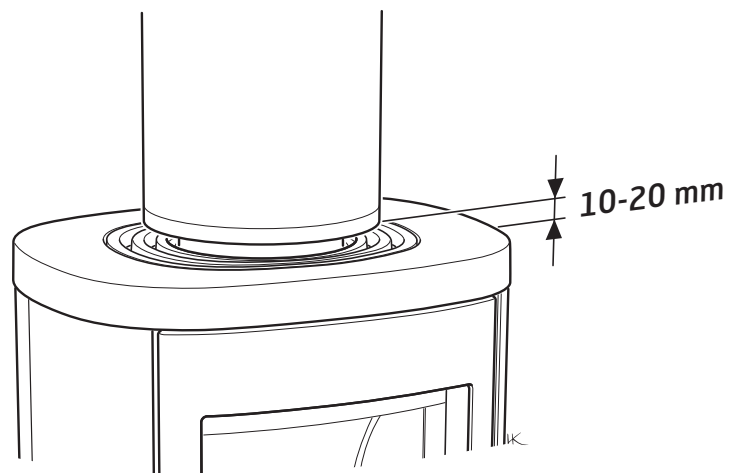
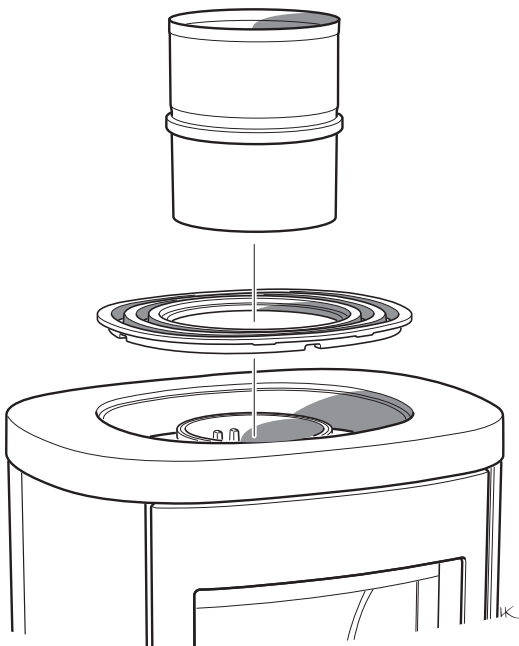
- SE Bakåtanslutning till skorsten
- DK Tilslutning bagud til skorsten
- DE Rückseitiger Anschluss an einen Schornstein
- FI Liitäntä taaksepäin savupiippuun
- NO Bakmontering til skorstein
- IT Collegamento alla canna fumaria dal retro della stufa
- FR Raccordement par l'arrière à la cheminée
- NL Achterwaartse aansluiting op een schoorsteen
- GB Rear connection to chimney





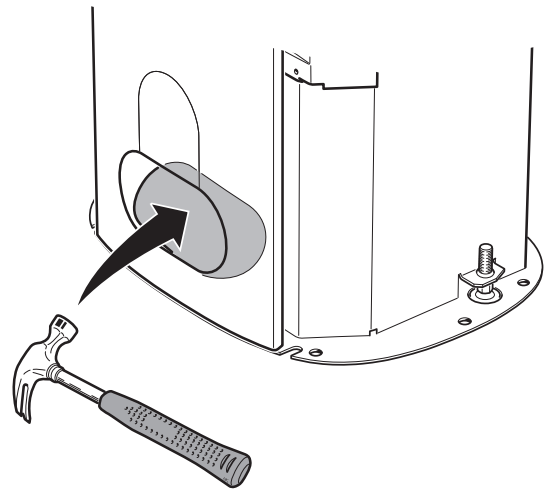
- SE** Toppanslutning till skorsten
Varmluftsgallret måste vara monterat innan skorstenen toppansluts.
- DE** Oberseitiger Anschluss an den Schornstein
Das Warmluftgitter muss montiert sein, bevor ein Schornsteinanschluss an der Oberseite erfolgt.
- NO** Toppmontering til skorstein
Varmluftsgitteret må være montert før skorsteinen toptilkobles.
- FR** Raccordement par le haut
Monter la grille d'air chaud avant le raccordement à la cheminée par le haut.
- GB** Top connection to the chimney
The hot air grille must be installed before chimney top connection.
- DK** Toptilslutning til skorsten
Varmluftristen skal være monteret, før skorstenen toptilsluttes.
- FI** Liitäntä ylöspäin savupiippuun
Lämminilmaritilä pitää asentaa ennen savupiipun liitäntää ylöspäin.
- IT** Collegamento alla canna fumaria dal piano della stufa
Prima di collegare la canna fumaria al piano della stufa, assicurarsi che la griglia dell'aria calda sia montata.
- NL** Bovenaansluiting op een schoorsteen
Het heteluchtrooster moet zijn gemonteerd, voordat de schoorsteen op de bovenaansluiting wordt aangesloten.

- SE** Toppanslutning till isolerad skorsten
Spalt Min 10 mm, Max 20 mm.
- DE** Oberer Anschluss an isoliertem Schornstein
Spalt: mind. 10 mm, max. 20 mm.
- NO** Toppmontering til isolert skorstein
Spalte min. 10 mm, maks. 20 mm.
- FR** Raccordement par le haut à une cheminée isolée
Espace min.10 mm, min. 20 mm.
- GB** Top connection for insulated chimney
Gap Min. 10 mm, Max. 20 mm.
- DK** Toptilslutning til isoleret skorsten
Spalte min. 10 mm, maks. 20 mm.
- FI** Liitäntä ylöspäin eristettyyn savupiippuun
Rako min 10 mm, maks 20 mm.
- IT** Collegamento alla canna fumaria isolata dal piano della stufa
Luce min 10 mm, max 20 mm.
- NL** Bovenaansluiting op een geïsoleerde schoorsteen
Ruimte min. 10 mm, max. 20 mm.

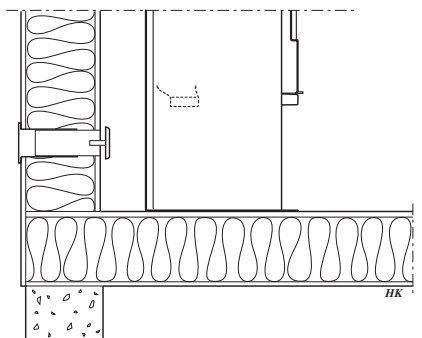




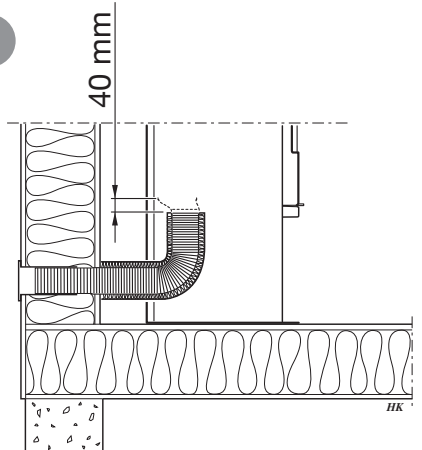
- SE Tilluft
- DE Zuluft
- NO Tilluft
- FR Arrivée d'air
- GB Supply
- DK Forbrændingsluft
- FI Tuloilma
- IT Alimentazione dell'aria
- NL Toevoerlucht



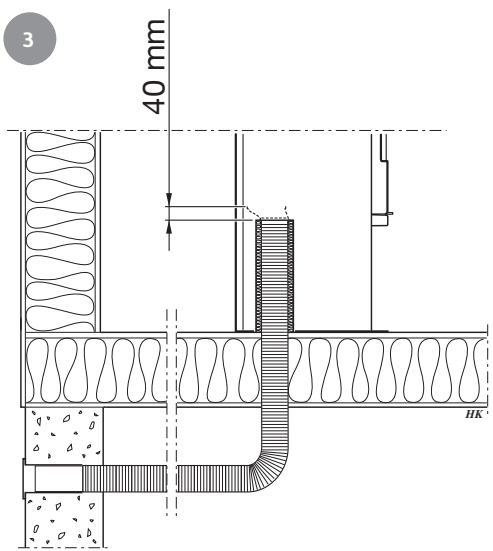
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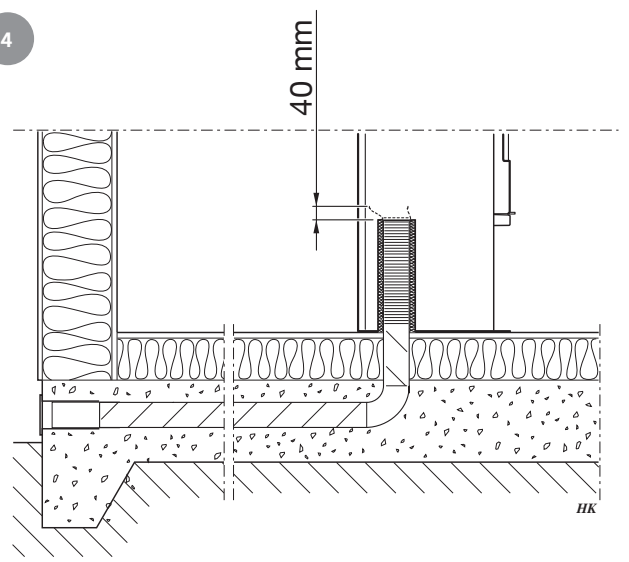
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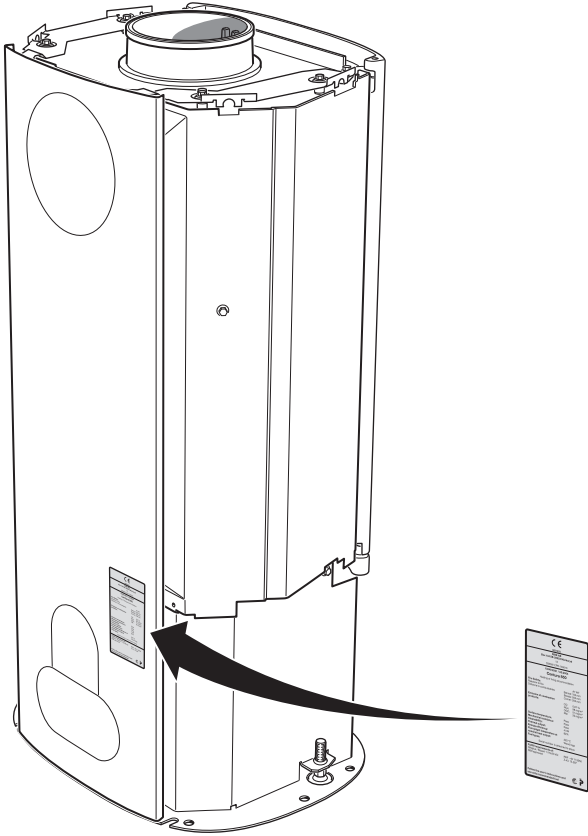


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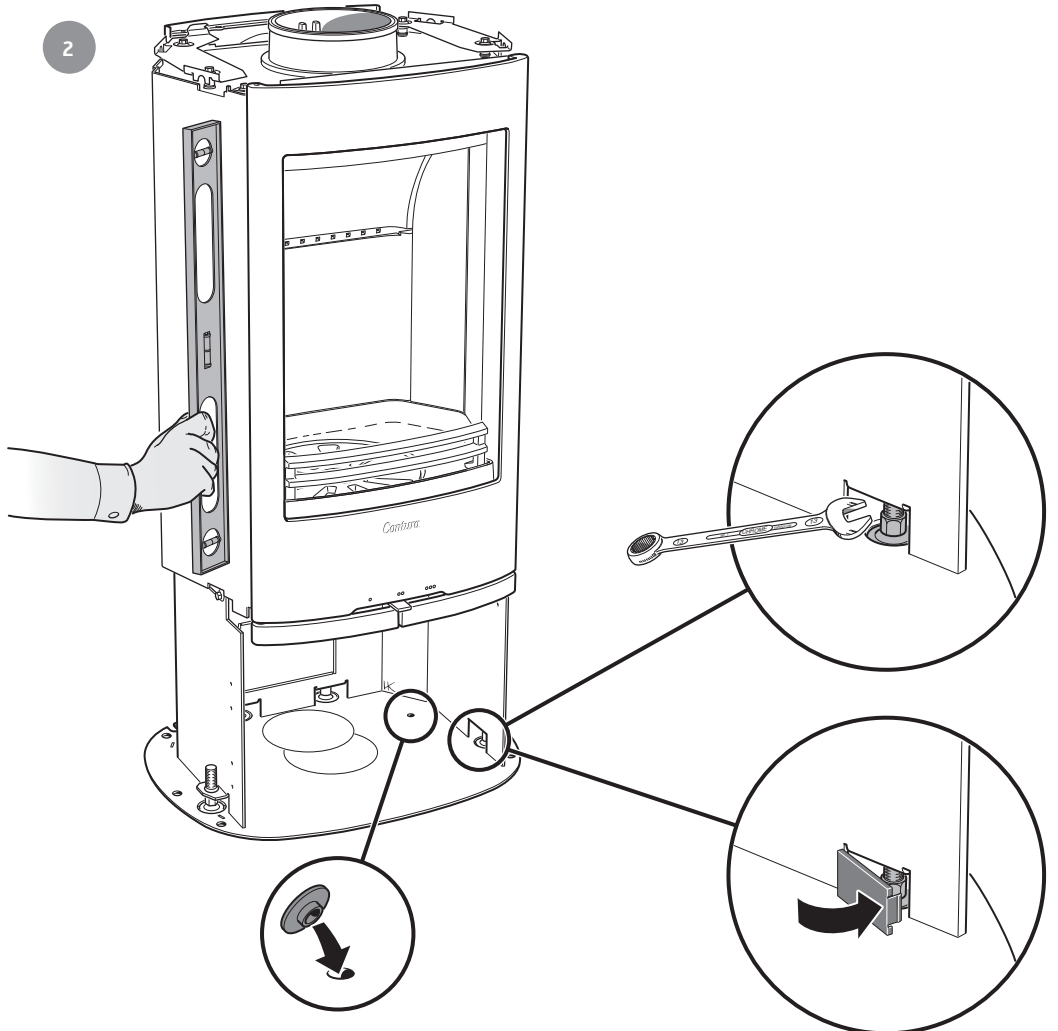




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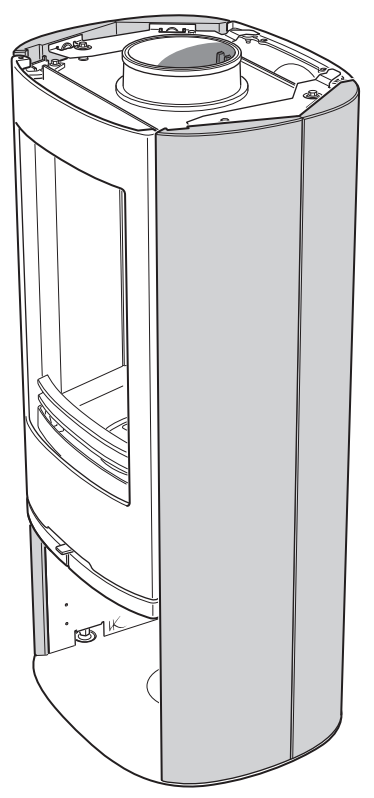
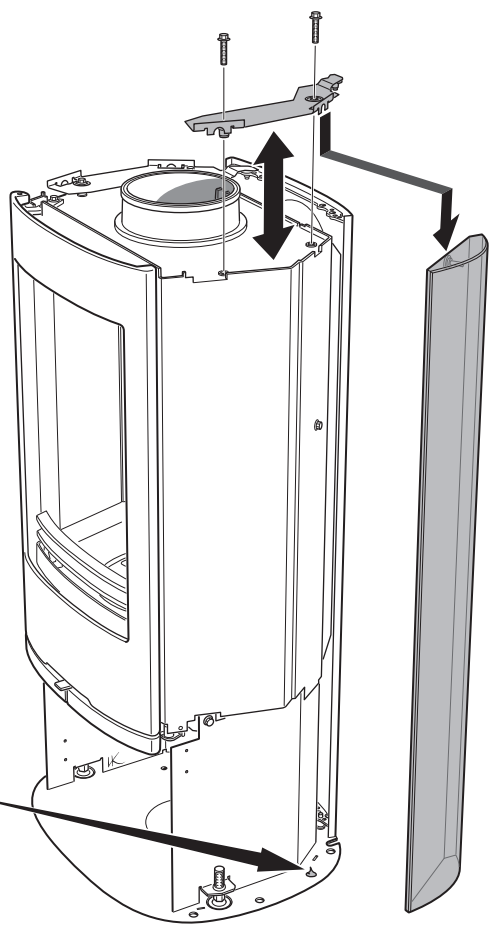
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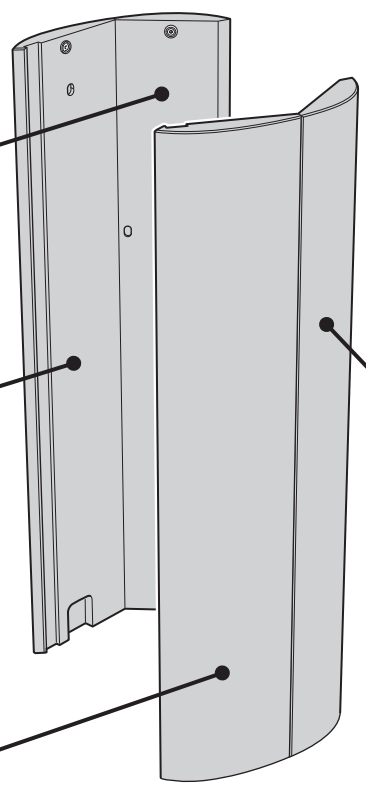
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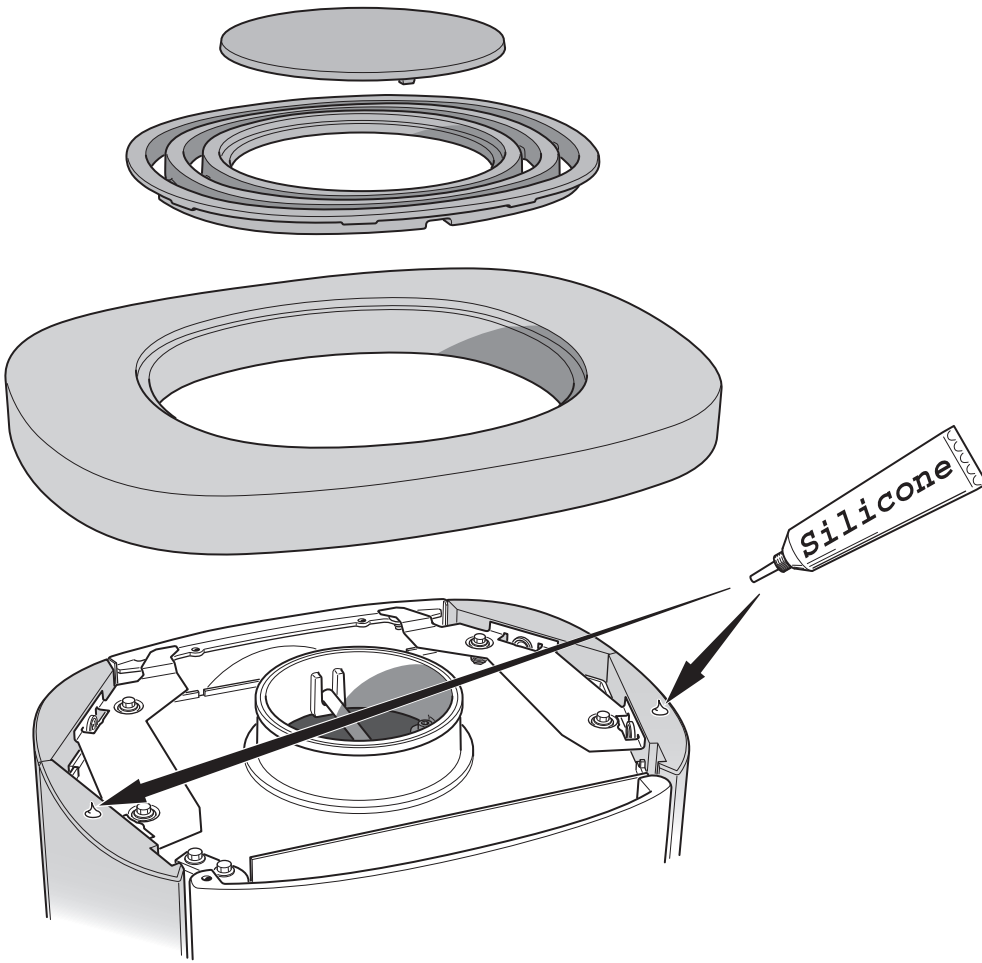
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6



SE Uppställning av luckan, vid städning/service
Luckan kan spärras i öppet läge, med hjälp av låsarmen på kaminens vänstra sida.

DE Aufstellen der Tür für Reinigung und Service
Mithilfe des Armes an der linken Seite des Kamins kann die Tür in ihrer geöffneten Stellung arretiert werden.

NO Låsing av døren i åpen posisjon, ved rengjøring/service
Døren kan låses i åpen posisjon, ved hjelp av låsearmen på venstre siden av ovnen.

FR Placement de la porte, pour le nettoyage et/ou l'entretien
La porte peut être verrouillée en position ouverte, à l'aide du levier de verrouillage situé sur le côté gauche du poêle.

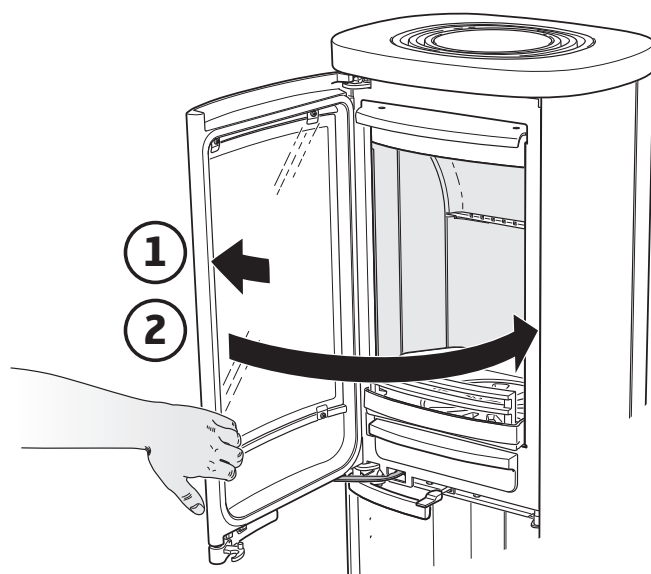
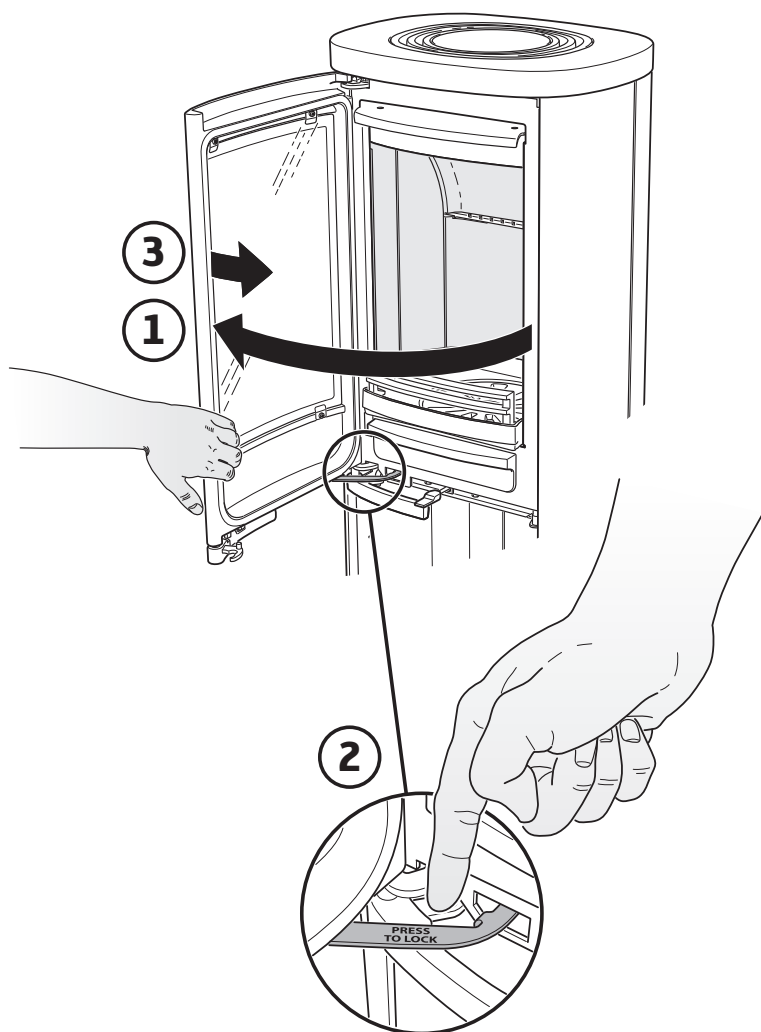
GB Door in open position, for cleaning/service
The door can be secured in the open position using the locking lever on the left side of the stove.

DK Spærring af lågen, ved rengøring/service
Lågen kan spærres i åben position ved hjælp af låsearmen på venstre side af brændeovnen.

FI Luukun asettaminen puhdistusta/huoltoon varten
Luukku voidaan lukita avattuun asentoon takan vasemmalla puolella olevalla lukitusvarrella.

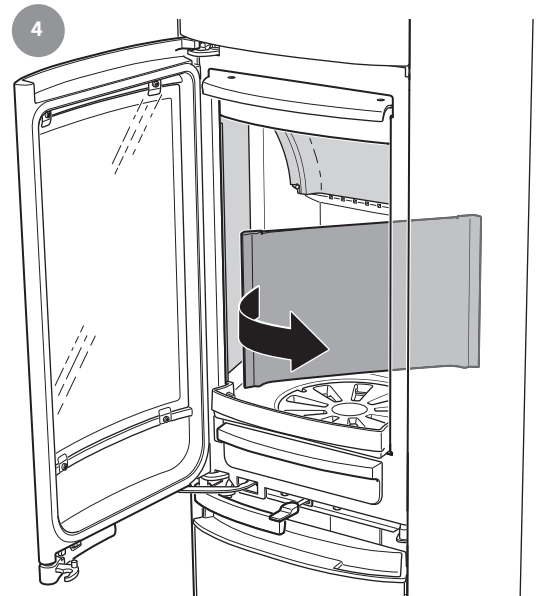
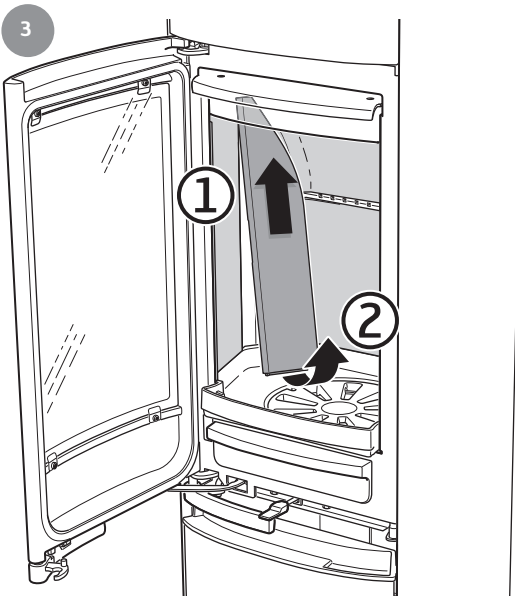
IT Bloccaggio dello sportello per la pulizia/la manutenzione
Lo sportello può essere bloccato in posizione aperta con una levetta di blocco posta sotto la parte sinistra della stufa.

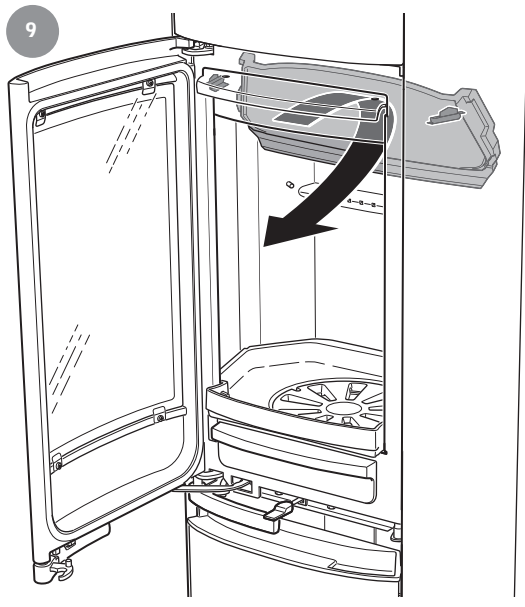
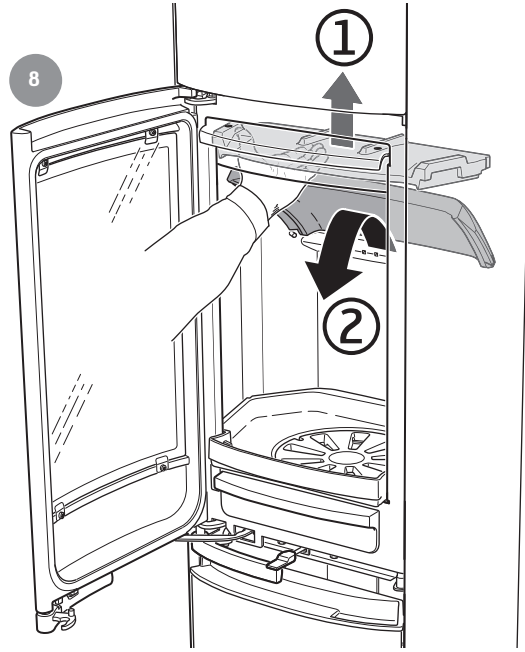
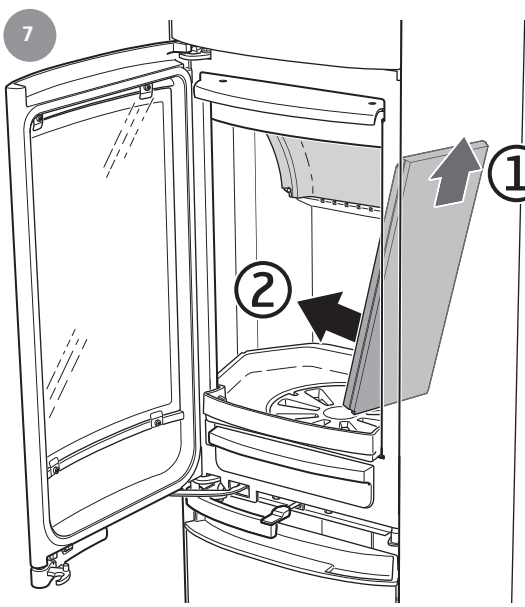
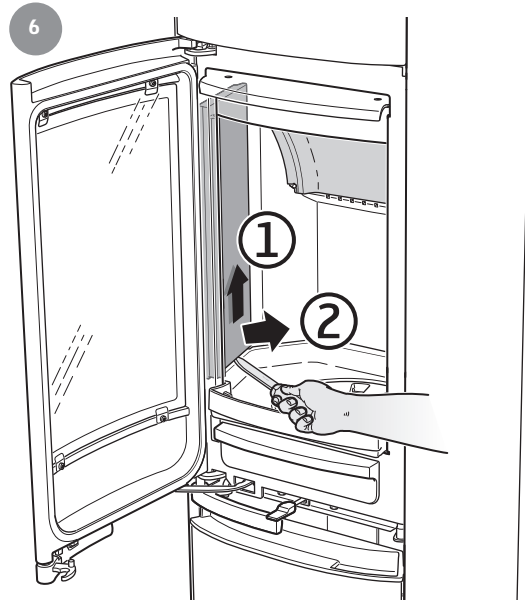
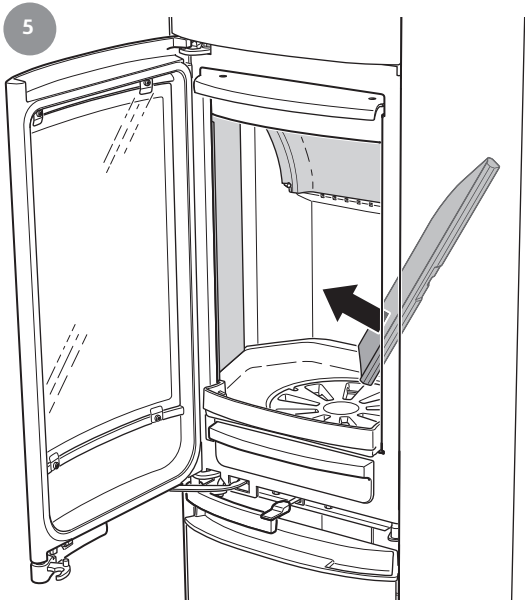
NL Plaatsen van de deur, bij schoonmaken/onderhoud
De deur kan in geopende stand worden vastgezet met behulp van de vergrendeling aan de linkerzijde van de kachel.





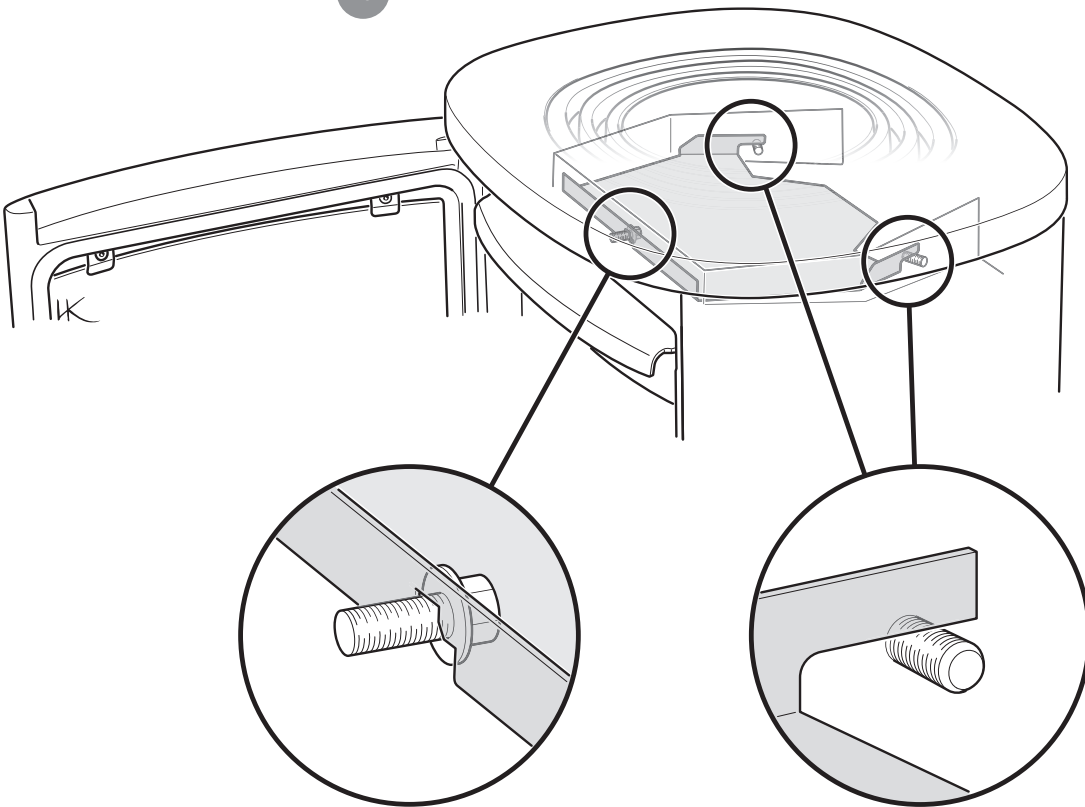
- SE Demontera eldstadsbeklädnaden (Vermiculit)
- DE So demontieren Sie die Brennraumauskleidung (Vermiculit)
- NO Slik demonterer du ildstedsbekledningen (Vermikulitt)
- FR Voici comment démonter l'habillage du foyer (Vermiculite)
- GB How to remove the hearth surround (Vermiculite)
- DK Sådan afmonterer du ovnbeklædningen (Vermiculite)
- FI Näin irrotat tulipesän verhouksen (vermikuliitti)
- IT Come smontare il rivestimento del focolare (vermiculite)
- NL Zo demonteert u de kachelbekleding (vermiculiet)







10



11



12

