

Jøtul F 480

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Jøtul F 481



Jøtul F 483



The manuals which are enclosed with the product must be kept throughout the product's entire service life. Les manuels fournis avec le produit doivent être conservés pendant toute la durée de vie du produit. I manuali inclusi con il prodotto vanno conservati per l'intera durata di vita del prodotto.




Requirements / Exigences / Requisitos / Requisiti / Vereisten / Forderungen	
Supplier / Fabricante / Fornitore / Vereisten / Lieferant:	Jøtul AS
Product models Produits concernés Modelos Modelli Product modellen Varianten der Feuerstelle	Jøtul F 480 Series: Jøtul F 481 Jøtul F 483
Energy efficiency class / Classe énergétique / Clase de eficiencia energética / Classe energetica / Energie efficiëncy klasse / Energieeffizienz-Klasse	A
Direct heat output / Puissance réelle de sortie / Potencia calorífica emitida / Emissione di calore diretta / Directe warmte afgifte / Nennwärmeleistung	6,0 kW
Energy efficiency index / Index de rendement énergétique / Índice de eficiencia energetica / Indice di efficienza energetica / Energie efficiëncy index / Energieeffizienz-Index	99,8
Efficiency at nominal heat output / Rendement à puissance nominale / Eficiencia al rendimiento nominal / Efficienza alla potenza nominale / Efficiency bij nominale warmte afgifte / Wirkungsgrad bei Nennheizleistung	75 %
<ul style="list-style-type: none"> Any specific precautions that shall be taken when the local space heater is assembled installed or maintained. Toutes les précautions spécifiques doivent être prises lors de l'assemblage, l'installation ou l'entretien de l'appareil. Cualquier precaución específica que deba tenerse en cuenta durante el montaje, instalación o mantenimiento del equipo de calefacción Precauzioni specifiche da prendere quando il riscaldatore viene assemblato, installato o mantenuto in uno spazio. Eventuele specifieke voorzorgsmaatregelen die worden genomen wanneer de plaatselijke ruimteverwarming wordt gemonteerd, geïnstalleerd of onderhouden. Besondere Maßnahmen bei Montierung, Installation und Wartung. 	<ul style="list-style-type: none"> Fire safety precautions such as safety distances when installing, national standards, local codes and regulations. See the Instructions manual. Les précautions d'incendie telles que les distances de sécurité lors de l'installation, le suivi des normes, les codes locaux et les réglementations nationales. Veuillez lire le manuel d'installation. Precauciones frente a incendios como distancia de seguridad en la instalación, estándares nacionales, códigos locales y reglamentos. Lea el manual de instalación. Precauzioni per la sicurezza antincendio come le distanze di sicurezza durante l'installazione, le normative nazionali e locali. Leggere il manual. Brandveiligheidsmaatregelen, zoals veiligheidsafstanden bij installatie, nationale normen, lokale codes en voorschriften. Lees de installatiehandleiding. Für brenntechnische Verhältnisse, wie z.B. Aufstellbedingungen und nationale Forderungen. Siehe die Montage- und Bedienungsanleitung.

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Register your fireplace at www.jotul.com for a 25-year warranty.

Product: Jøtul Room heater fired by solid fuel			
			
Standard Minimum distance to adjacent combustible materials: : Minimum distance to adjacent combustible materials: Emission of CO in combustion products : Flue gas temperature : Nominal heat output : Efficiency : Operation range : Fuel type : Operational type : The appliance can be used in a shared flue.			
Country	Classification	Certificate/standard	Approved by
Norway	Class II	SP	SP Sveriges Provnings- och Forskningsinstitut AB
Sweden	Class II	SP	SP Sveriges Provnings- och Forskningsinstitut AB
EU	Intermittent	EN	EN 12445 National Testing and Research Institute
Follow user's instructions. Use only recommended fuels. Montage- und Bedienungsanleitung beachten. Verwenden Sie nur empfohlenen Brennstoffen. Respectez les consignes d'utilisation. Utilisez uniquement les combustibles recommandés.			
Lot no: Yxxxxx Year: 200x			
Manufacturer: Jøtul AS POB 1441 N-1602 Fredrikstad Norway			

On all our products there is a label indicating the serial number and year. Write this number in the place indicated in the installation instructions.

Always quote this serial number when contacting your retailer or Jøtul.

Lot no. Pin.

1.0 Technical data

Material:	Cast iron
Finish:	Black paint
Type of fuel:	Wood
Max. log length:	30 cm
Smoke outlet:	Top, rear
Flue pipe dimension:	Ø 150 mm
Outside air connection:	Alu. flex - Ø 80 mm

Product weight:

Burn chamber:	119 kg
Base, cast iron	46 kg
Pedestal, cast iron	34 kg
Cast iron sides	33 kg
Optional extra	Floor plates, Outside air connection, Rotating set for the Jøtul F 483

Product dimensions, distances: See **Fig. 1**

Technical data in acc. with EN 13240

Nominal heat output:	6,0 kW
Flue gas mass flow:	6,0 g/s
Recommended chimney draught:	12 Pa
Efficiency:	75% @ 6 kW
CO emissions (13% O ₂):	0,08%
Flue gas temperature:	315°C
Dust:	< 20mg/m ³ h @ 13%O ₂
Burn time:	2.2 kg/h
Operational type:	Intermittent

Intermittent combustion here means normal use of a fireplace, i.e. add more fuel as soon as the fire has burned down to embers.

2.0 Relationship to the authorities

- Installation of a fireplace must be carried out in compliance with national laws and regulations. All local ordinances, including those that refer to national and European standards, must be complied with when products are installed.
- The installation can only be put into use after it has been checked by a qualified inspector.
- Contact your local building authorities before installing a new fireplace.

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3.0 Safety

NB! To guarantee optimal performance and safety, Jøtul recommends that its stoves are fitted by a qualified installer (see www.jotul.com for a complete list of dealers).

Any modifications to the product by the distributor, installer or consumer may result in the product and safety features not functioning as intended. The same applies to the installation of accessories or optional extras not supplied by Jøtul. This may also be the case if parts that are essential to the functioning and safety of the fireplace have been disassembled or removed.

In all these cases, the manufacturer is not responsible or liable for the product and the right to make a complaint becomes null and void.

3.1 Fire Prevention Measures

There is a certain element of danger every time you use your fireplace. The following instructions must therefore be followed:

- The minimum safety distances when installing and using the fireplace are given in **fig. 1**.
- Ensure that furniture and other flammable materials are not too close to the fireplace. Flammable materials should not be placed within 1 metre of the fireplace.
- Allow the fire to burn out. Never extinguish the flames with water.
- The fireplace becomes hot when lit and may cause burns if touched.
- Only remove ash when the fireplace is cold. Ash can contain hot embers and should therefore be placed in a non-flammable container.
- Ash should be placed outdoors or be emptied in a place where it will not present a potential fire hazard.

In case of chimney fire:

- Close all hatches and vents.
- Keep the firebox door closed.
- Check the loft and cellar for smoke.
- Call the fire service.
- Before use after a fire an expert must check the fireplace and the chimney in order to ensure that it is fully functional.

3.2 Floor

Foundation

You need to make sure the foundation is suitable for a fireplace. See **"1.0 Technical Data"** for specified weight.

We recommend the removal of any flooring that is not attached to the foundation ("floating floors") beneath the installation.

Requirements for protection of wooden flooring beneath the fireplace

The product has integrated floor protection and may therefore be placed directly on a wooden floor.

Jøtul recommends that any flooring made of combustible material, such as linoleum, carpets, etc. should be removed from under the floor plate.

Requirements for protection of inflammable floors in front of the fireplace

The front plate must comply with national laws and regulations. Contact your local building authorities regarding restrictions and installation requirements.

3.3 Walls

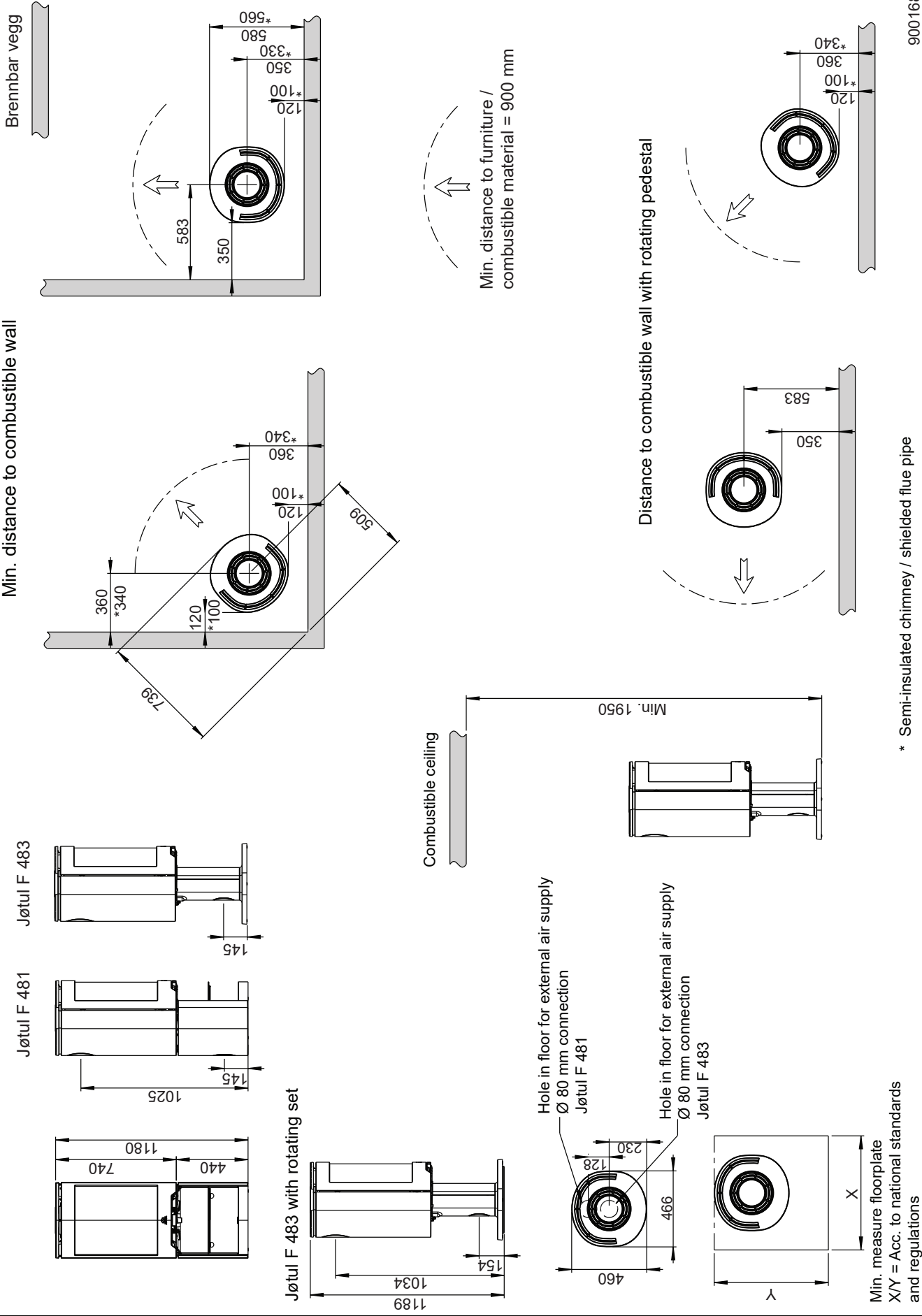
Distance to walls made of combustible material - see fig. 1a

Distance to combustible wall protected by firewall: See fig. 1b

The fireplace may be used with an uninsulated flue pipe provided the distances between the fireplace and walls made of combustible materials are as shown in **fig. 1a**.

NB: Pay particular attention to this when using revolving pedestal!

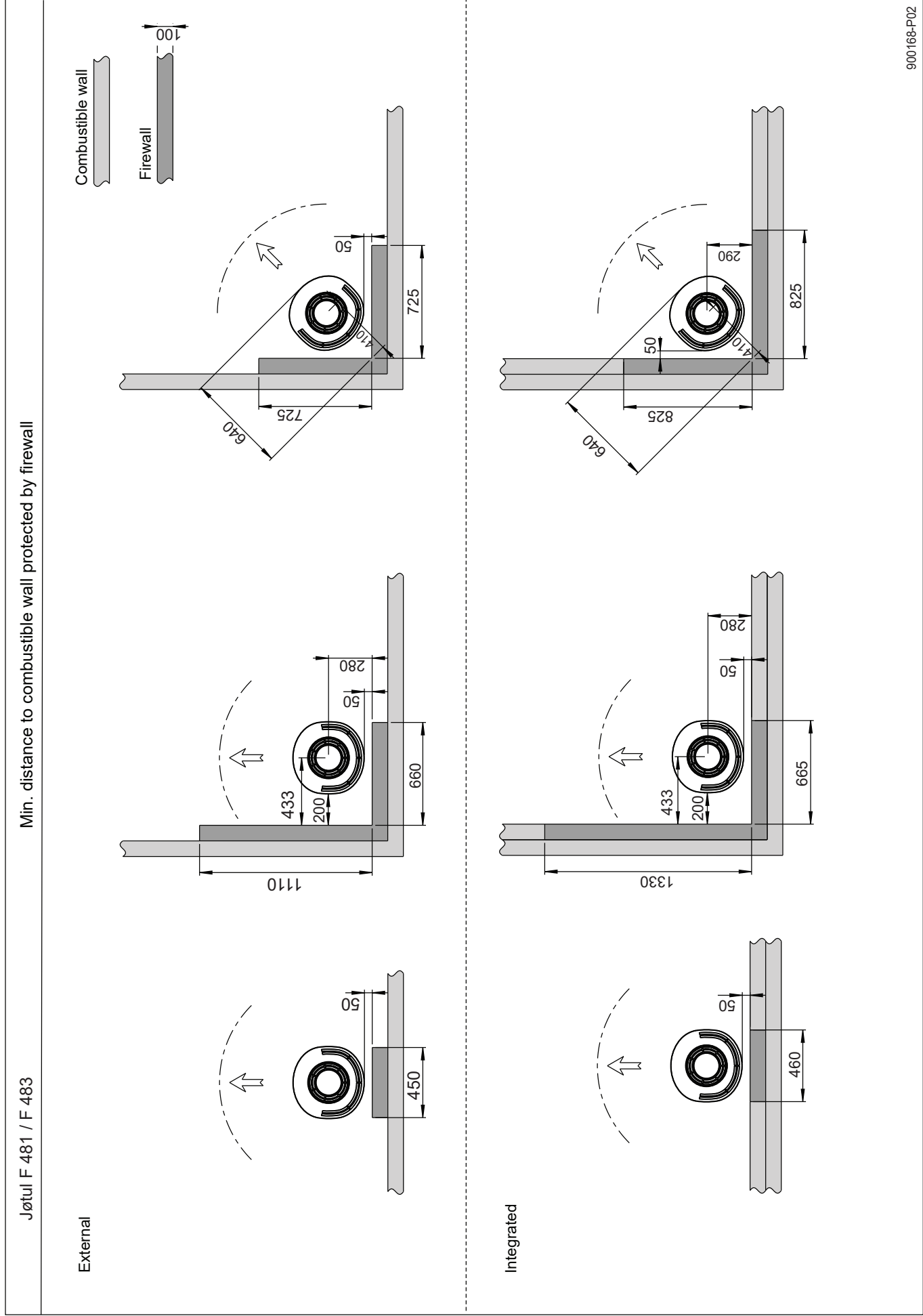
Fig. 1 a



* Semi-insulated chimney / shielded flue pipe

900168-P02

Fig. 1 b



Air supply

The amount of combustion air for Jøtul's products is approximately 20-40 m³/h. The outside air connection may be fitted directly to the Jøtul F 480 through:

- The base/pedestal or
- through a flexible supply hose from the outside/chimney (only if the chimney has its own duct for external air) and to the product's outside air connector.

Fig. 2A, through an outside wall

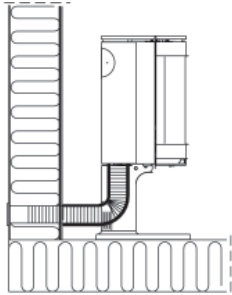


Fig. 2B, through the floor and ground plate

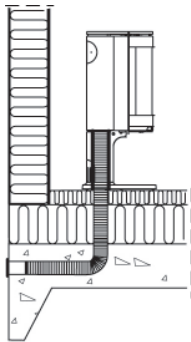


Fig. 2C, through the floor and basement

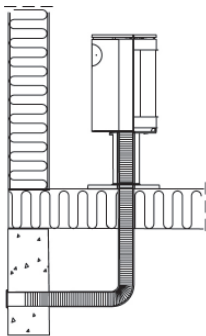
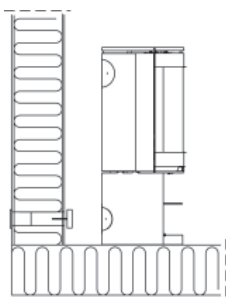


Fig. 2D, indirectly through an outside wall



4.0 Installation

NB: Check that the fireplace is undamaged before installation begins.

NB: The product is heavy! Ensure you have help when positioning and installing it. Make sure the product does not topple over.

NB: Do not place anything on the top plate of the stove as this could cause permanent damage to the paint/enamel.

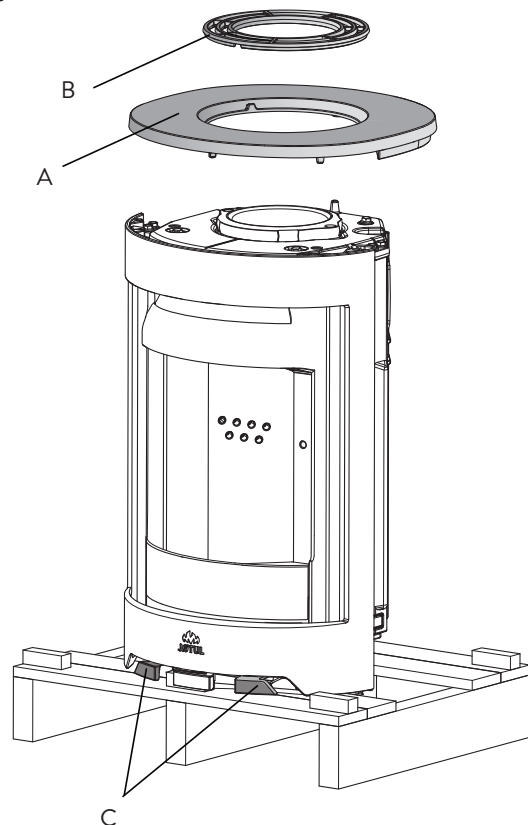
NB: Read the Installation and Operating instructions carefully before installing the fireplace!

4.1 Prior to installation

The standard product comes in three or more consignments. One with the burnchamber, one with the base or pedestal and side panels.

You will need the following tools to install the product: Spirit level, ratchet with 10 mm and 13 mm sockets, Torx T 20 and hex keys with 5 mm socket.

Fig. 3



1. Remove the packaging (cardboard and wooden frame) and spread the cardboard out on the floor behind the fireplace. Remove the white foam plastic in the top.
2. Remove the screws attaching the burnchamber to the transport pallet.
3. Leave the stove standing on the transport pallet.
4. Remove the top plate (A) with the top grate (B).
5. Remove the gloves and bowl from the ash pan. Place the bowl on the top grate right up to the end if the flue pipe is rear-mounted.
6. Check that the control handles (C) move freely.

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4.2 Installation

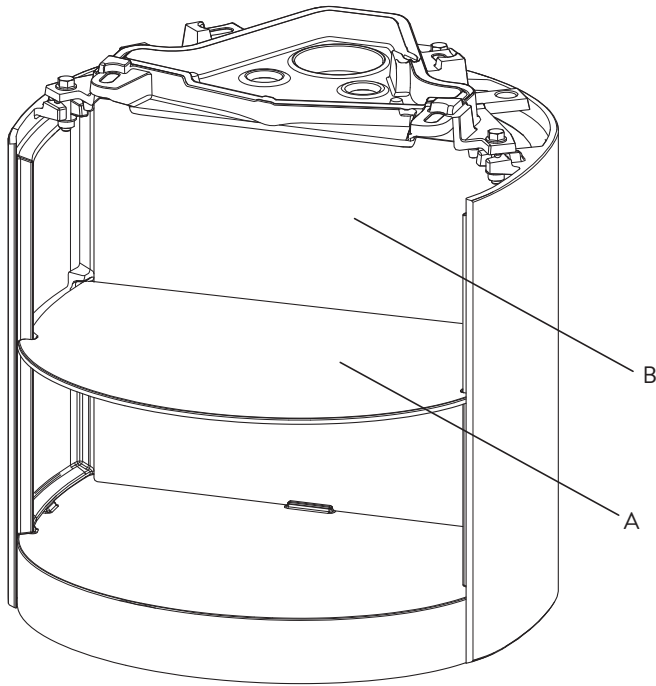
External air supply through the base

Through the floor

1. **NB!** If connecting the Flex Hose through a hole in the floor, **do not knock out** the removable cover plates (**Fig. 5 A**).

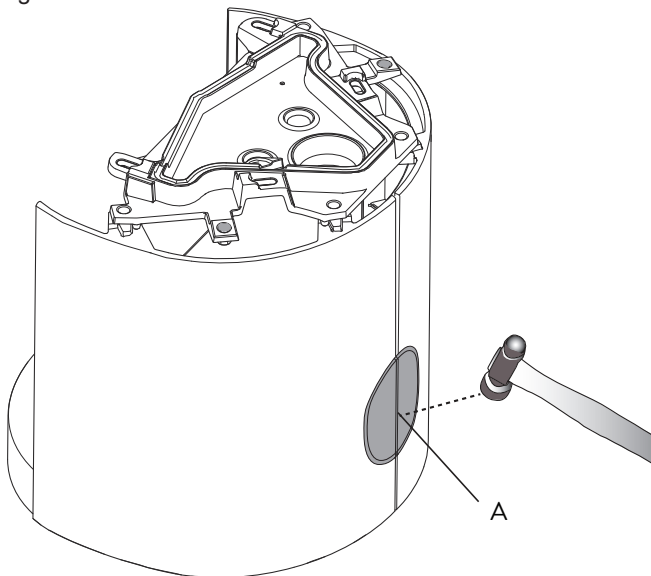
Through the rear outlet in the base

Fig. 4



2. If connecting a flex hose through the rear outlet of the base, the shelf (**A**) and the internal back plate (**B**) must be removed first.

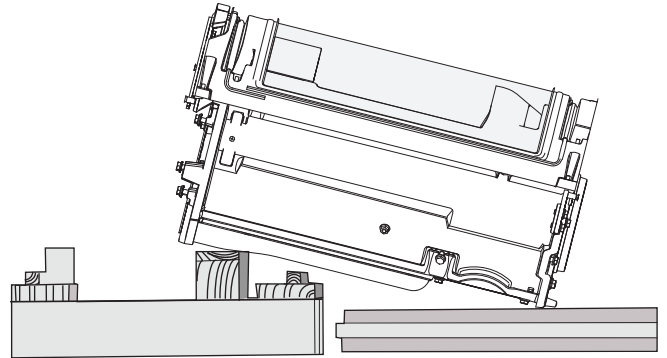
Fig. 5



3. If connecting a flex hose (Ø 80 mm) for external air supply to the external air connector beneath the burn chamber, the removable cover plates (**A**) must be knocked out first

Installation of base/pedestal on the burnchamber

Fig. 5



4. Carefully lay the stove down on its back. Rest the stove on a pallet and three packaging frames.

Fig.6

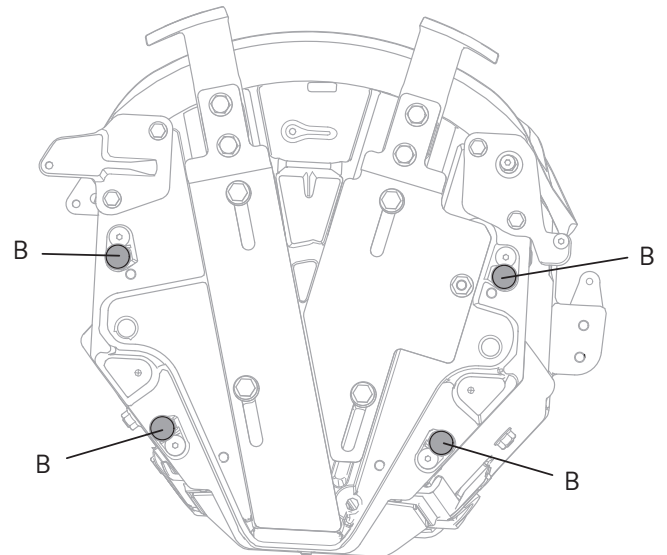
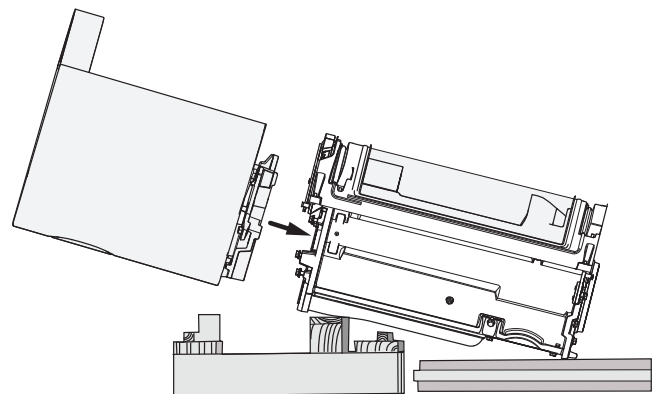
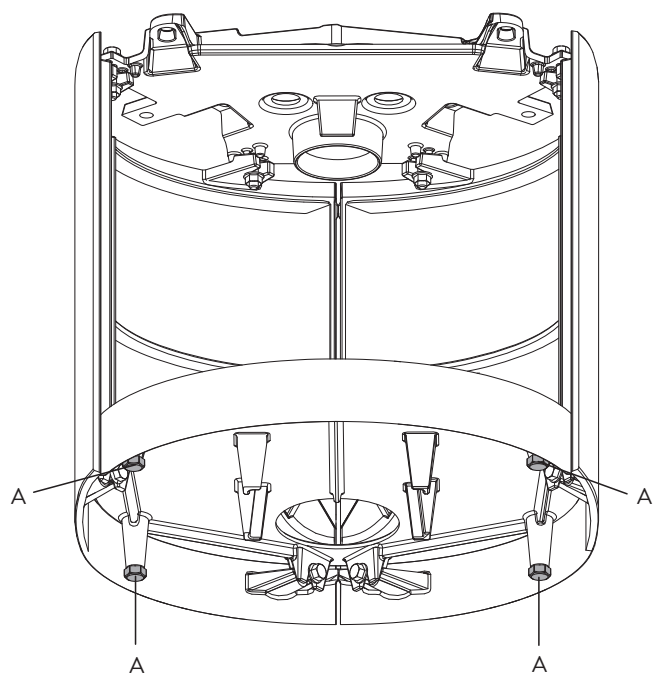


Fig. 7



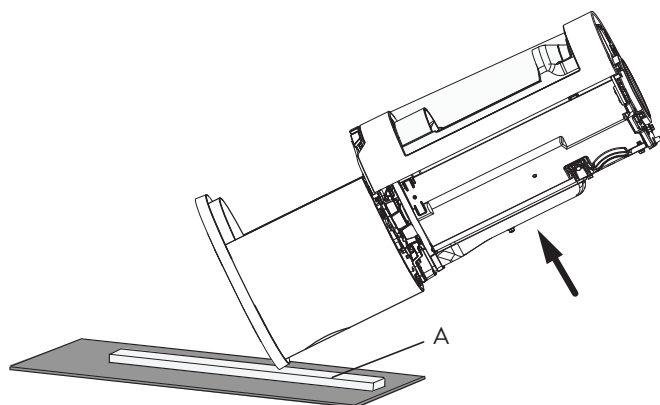
5. Before installing the base, the shelf (**Fig. 4-A**) and internal back plate (**Fig. 4-B**) must be removed. Push the base up to the burn chamber and secure it firmly with the four screws (M8 x 25 mm) and washers provided. See **Fig. 7 B**.

Fig. 9



6. Loosen the height adjustment screws slightly (**A**) beneath the product so that they can be screwed by hand. NB: If the optional glass floor plate is to be installed, the base must be raised approximately 8 mm off the floor so that it can be pushed under the front edge of the base.

Fig. 10



7. Carefully remove the wooden pallet.
8. Place a packaging frame (**A**) crosswise underneath the base/pedestal/leg and cardboard packaging in front of/ beneath the product to prevent it from making marks on the floor. Carefully raise the stove and stand it in its proper place (**fig 1**). Remember to position it straight above or behind the external air supply, whichever is applicable.
9. Place the top plate (**fig. 3 A**) temporarily in place and level the fireplace. If the stove is not standing level, adjust the screws shown in **fig. 9 A** until the product is perfectly straight.
10. If the control handles (**Fig. 3C**) are difficult to pull out, see **step 4.6**

4.9 Location of approval label

The approval label must always be affixed to the wire and positioned as illustrated in **fig. 11**.

Fig. 11, Base

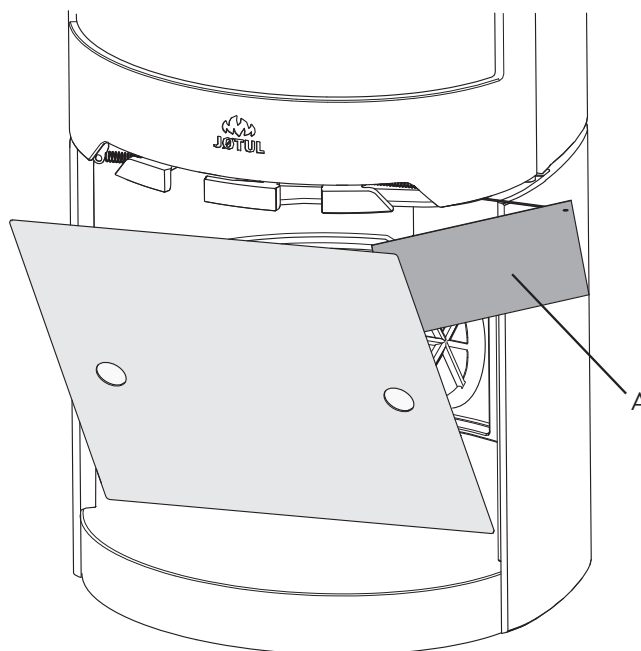
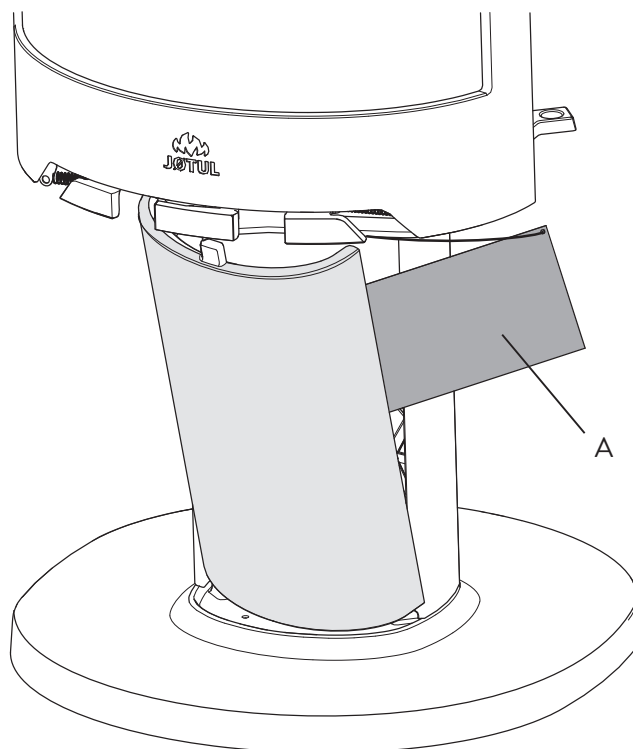


Fig. 11, Pedestal



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Installation with external air supply

Fig. 12 - Base

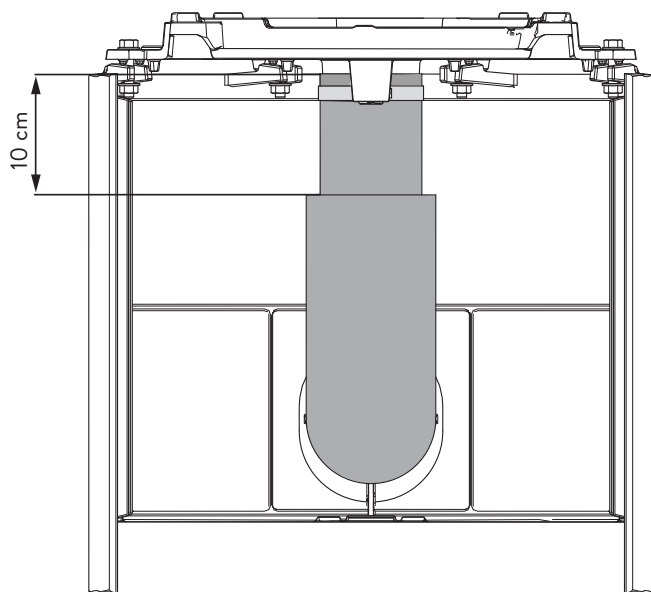
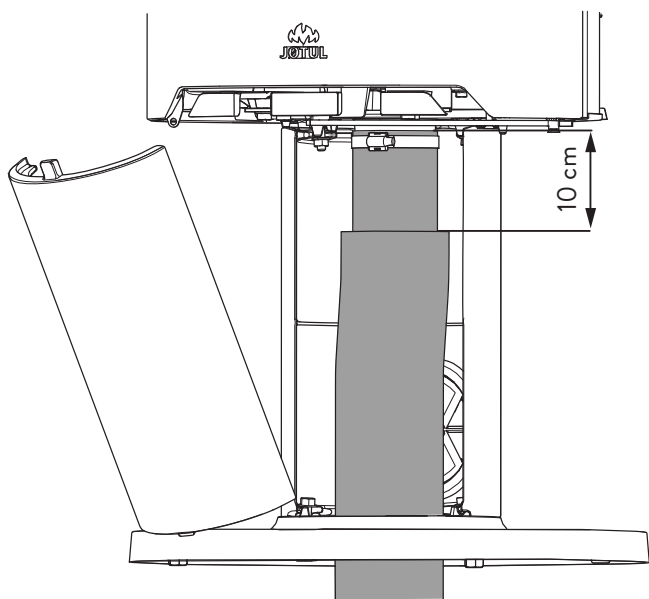


Fig. 12 - Pedestal



1. Attach the hose to the external air connector using a hose clip (**NB!** Do not fit a hose clip onto the Jøtul F 483 pedestal with a rotating set as this prevents the set from rotating). **NB!** Make sure the hose is long enough so that joints are not necessary. The external air hose insulation ends approx. 10 cm below the burn chamber.
2. Refit any parts that have been removed from the product.

4.3 Chimney and flue pipe

- The fireplace must only be connected to a chimney and flue pipe approved for solid fuel fireplaces with flue gas temperatures as specified in «1.0 Technical Data».
- The cross-section of the chimney must be designed to fit the fireplace. Use «1.0 Technical Data» to calculate the correct chimney cross-section.
- The chimney must be connected in accordance with the installation instructions of the chimney supplier.
- Before a hole is made in the chimney, the product should be test-mounted in order to correctly mark the position of the fireplace and the hole in the chimney. See **fig. 1** for minimum dimensions.
- Make sure that the flue pipe rises all the way up to the chimney.
- With a rear outlet, use a flue pipe bend with a sweep hatch to allow sweeping.
- Please note that it is extremely important for connections to have a degree of flexibility. This is to prevent any movement in the installation leading to the formation of cracks.
- For recommended chimney draught, see «1.0 Technical Data». For flue pipe dimensions with the relevant cross-section, see “1.0 Technical Data”.

NB! The minimum recommended chimney length is 3.5 m from the flue pipe insert. If the draught is too strong, a flue pipe damper can be installed and used to reduce the draught.

Fitting a flue pipe with a top outlet

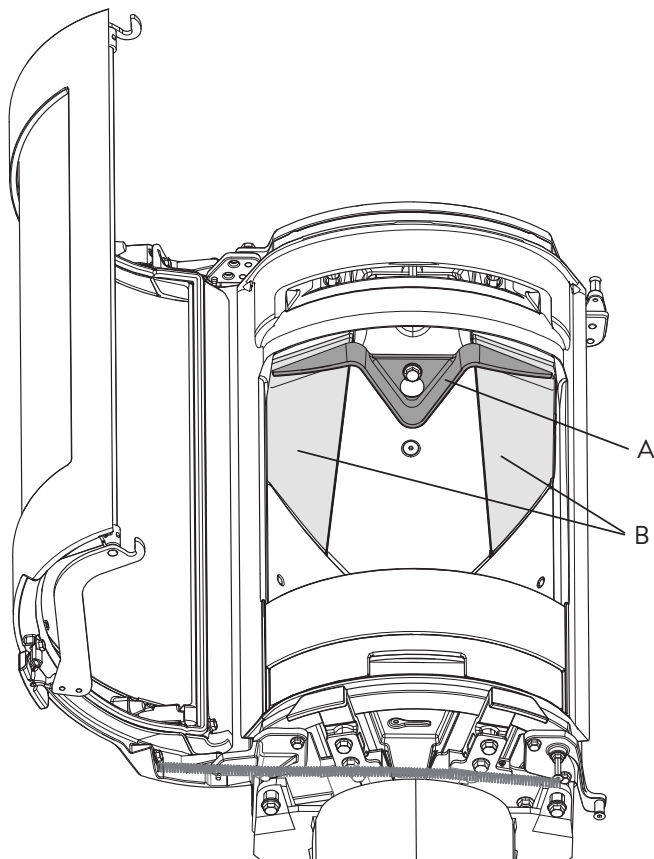
With a top outlet, the flue pipe is installed after the outer sides have been installed. See **Chapter 4.6**.

Fitting a flue pipe with a rear outlet

The product is supplied from the factory with the smoke outlet fitted for the top outlet. Proceed as follows for installation with a rear outlet:

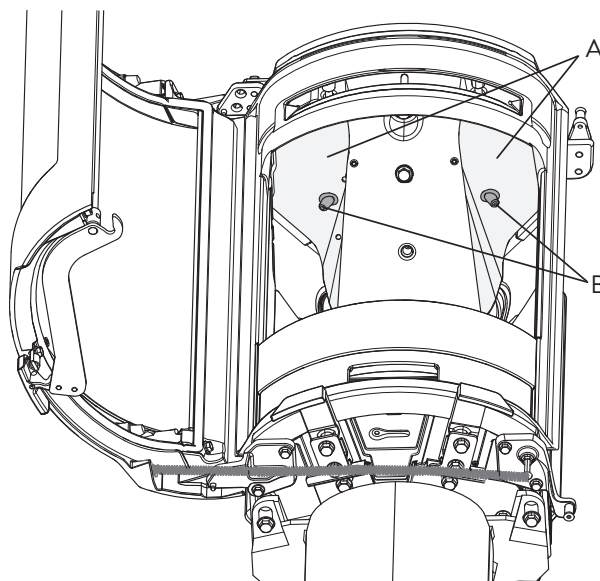
1. Place the product in the correct position. See **Fig. 1**.

Fig. 13



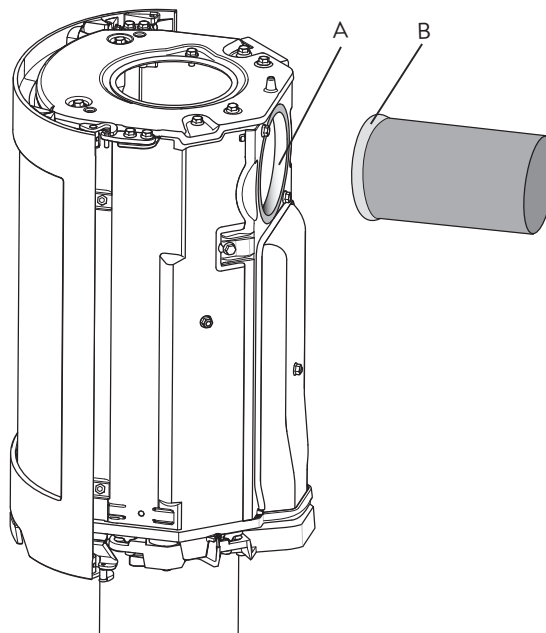
2. Remove the lower exhaust deflector (A) by tapping/sliding it forwards and out. Hold it while doing this so that it does not fall down.
3. Pull the baffles (B) forwards, lift slightly, turn and lower them.

Fig. 14



4. Be sure to note how the exhaust deflectors (A) are positioned before removing them to ensure that they are fitted back into exactly the right place. Take hold of the pin (B) on the underside of the exhaust deflectors, lift them up slightly and then sideways before lowering and removing them from the burn chamber.

Fig. 15



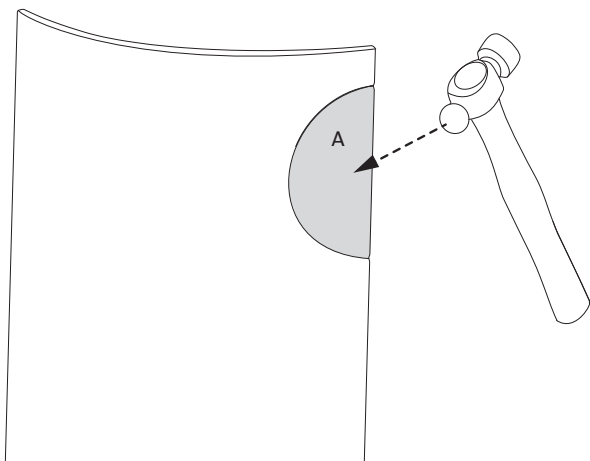
5. Unscrew the cover for the rear outlet on the inside of the burn chamber and take it out through the door opening.
6. Attach the smoke outlet (A) to the inside of the burn chamber where the cover was. Note that it must be turned so that the flue pipe can be pushed into place from the outside.
7. Place the gasket (B) from the bag of screws around the edge of the flue pipe and push it into the smoke outlet.
8. Install the smoke outlet cover where the outlet was.
9. Refit the exhaust deflector and baffle.

NB: It is important for the joints/flue pipes to be sealed completely. Air leaks may prevent them from operating properly.

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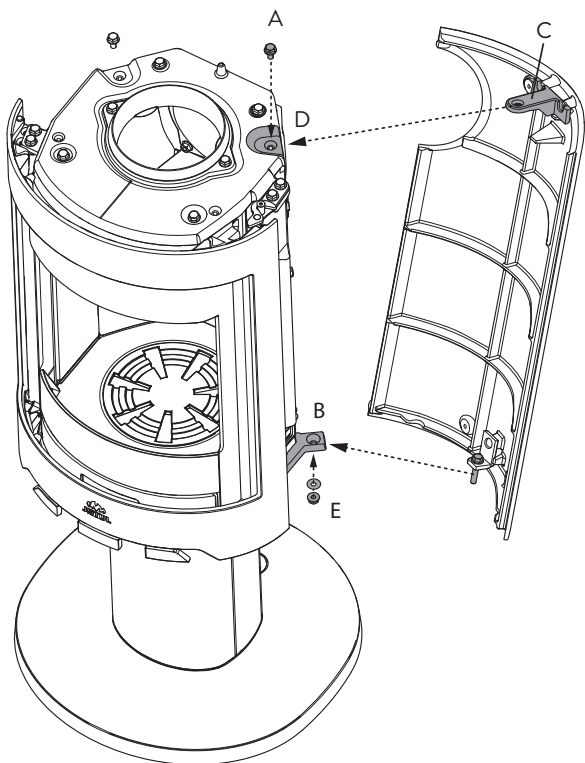
4.5 Installing the cast iron sides

Fig. 16



1. If installing the flue pipe at the back, the removable cover plates (**A**) must be knocked out.

Fig. 17



2. Loosen the screw (**A**) for the cast iron side on the top.
3. Unhook the lower part of the side with the screw on the bracket (**B**). Secure on the underside with a nut and washer (**E**).
4. Push the upper bracket over the screw hole (**C**) on the top of the burn chamber.
5. Secure the bracket with a screw (**A**) and nut (**D**).
6. Secure the other side in the same way

4.6 Fitting a flue pipe with a top outlet

The product is supplied from the factory with the smoke outlet fitted for the top outlet.

1. Place the product in the correct position (**fig. 1**).
2. Place the top plate and the grate on top of the product.
3. Place the gasket on the edge of the flue pipe as illustrated in **Fig. 15 B**.
4. Move the flue pipe into position.

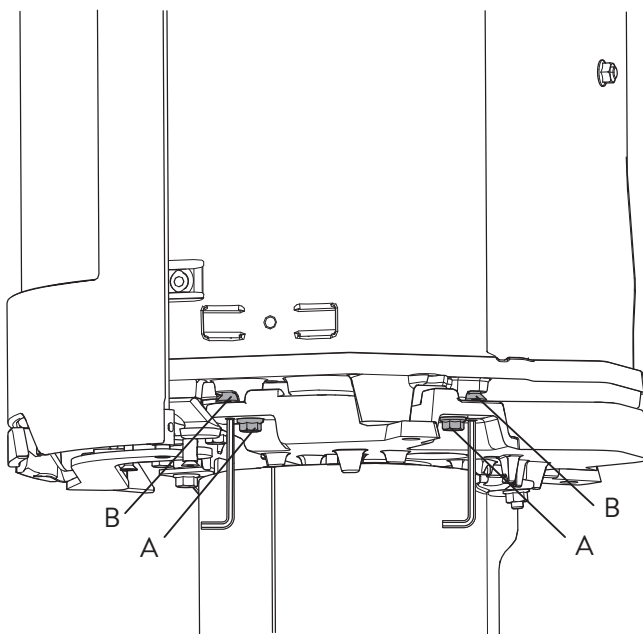
NB: It is important for the joints/flue pipes to be sealed completely. Air leaks may prevent them from operating properly.

4.7 Adjusting the burn chamber height for the Jøtul F 480

Any unevenness between the burn chamber and the base/pedestal/foot must be corrected.

This may also be done to reduce pressure on the draught valves (prevents draught valves from becoming stiff).

Fig. 18

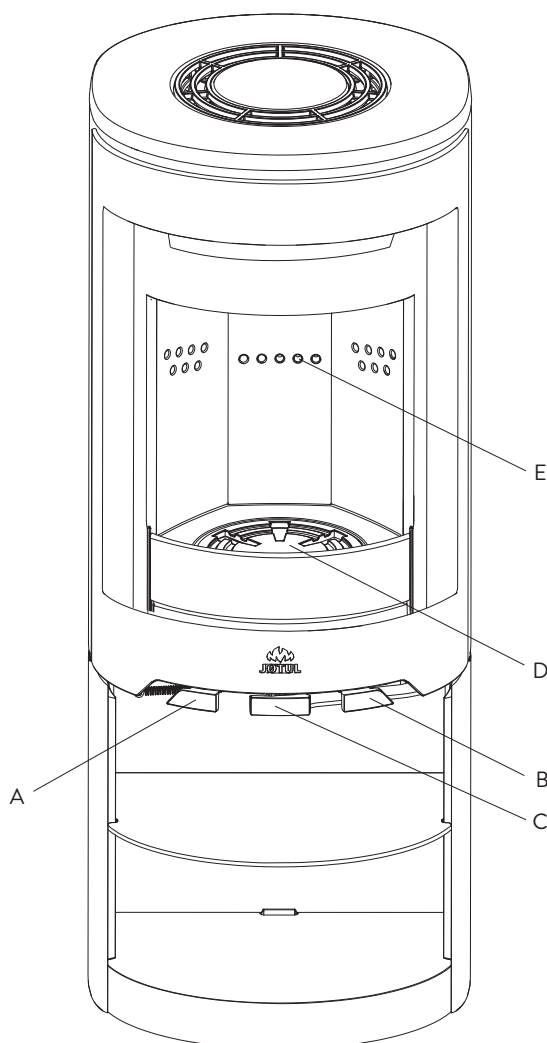


1. If the base has been mounted, the shelf and the inner plate must be removed first.
2. Unscrew the screws (**A**) approx. 4 mm on both sides of the product.
3. Unscrew **B** using an Allen key until you feel resistance in the key. Then turn the adjustment screw to raise the burn chamber as much as required.
4. Finally, tighten screws **A**.
5. Refit the base inner plate and shelf (only for base).

4.8 Performance check

Always check the control handles once the product has been assembled. These should move easily and work in a satisfactory manner.

Fig. 19



The Jøtul F 480 is equipped with the following operating options:

Air vent (A)

Pushed in: Closed

Pulled out completely: Open

If the valve is difficult to pull out, see step 4.7

Ignition vent (B)

Pushed in: Closed

Pulled out completely: Open

If the valve is difficult to pull out, see step 4.7.

Riddling grate (D) (same handle as for the ignition vent (B)).
Right-hand handle pulls in and out

Handle (C) for door

Opens by pulling the handle all the way out and then raising the door.

Stack height (E) for firewood (*the firewood must not cover the holes*).

5.0 Daily use

Odours when using the fireplace for the first time

When the fireplace is used for the first time, it may emit an irritating gas which may smell slightly. This happens because the paint dries. The gas is not toxic but the room should be thoroughly ventilated. Let the fire burn with a high draught until all traces of the gas have disappeared and no smoke or odours can be detected.

Heating advice

NB: Logs that have been stored outdoors or in a cold room should be brought indoors 24 hours before use to bring them up to room temperature.

There are various ways of heating the stove but it is always important to be careful about what you put in the stove. See the section on “**Wood quality**”.

Important! An inadequate air supply can lead to poor combustion, high emissions and a lower level of efficiency.

Wood quality

By quality wood we mean most well-known types of wood such as birch, spruce and pine.

The logs should be dried so that the moisture content is no more than 20%.

To achieve this, the logs should be cut during the late winter. They should be split and stacked in a way that ensures good ventilation. The wood stacks should be covered to protect the logs from rain. The logs should be brought indoors during early autumn and stacked/stored for use in the coming winter.

Be especially careful never to use the following materials as fuel in your fireplace:

- Household rubbish, plastic bags, etc.
- Painted or impregnated timber (which is extremely toxic).
- Laminated wooden planks.
- Driftwood

These may harm the product and are also pollutants.

NB: Never use petrol, paraffin, methylated spirit or similar liquids to light the fire. You may cause serious injury to yourself and damage to the product.

Kindling (finely split wood):

Length: approx. 30 cm

Diameter: 2-5 cm

Quantity required each time: 6 - 8 pieces

Wood (split wood):

Recommended length: 20 - 30 cm

Diameter: Approx. 8 cm

Interval for adding wood: Approx. every 45 minutes

Fire size: 1,6 kg (nominal output)

Quantity required each time: 2

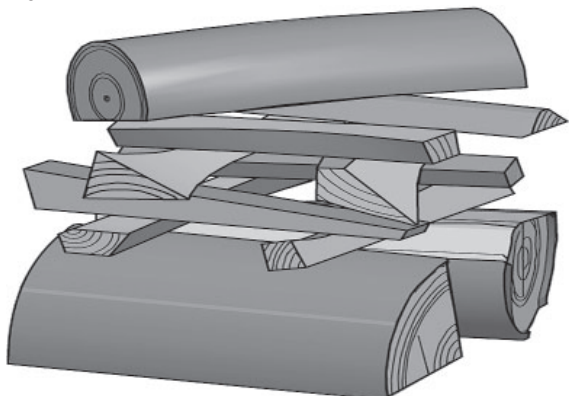
Nominal heat output is achieved when the air vent is open approx. 50% (**fig. 19 A**).

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Initial lighting

- Open the air vent and ignition vent by pulling the handles (**fig. 19 A and B**) all the way out. (Use a glove or something similar to protect your hand in case the handles are hot.).

Fig. 20



- Place two logs at the bottom of the burn chamber and pile the kindling in layers.
- Finally, place a medium-sized log on the top of the pile.
- Place 2 or 3 briquettes or kindling sticks under the top layer of kindling and light the fire. **NB: The maximum height of the pile of the wood should be just below the horizontal holes. The holes must not be covered.**
- Close the ignition vent (**Fig. 19 B**) when the wood has caught fire properly and is burning well.
- You can then regulate the rate of combustion to give the heat you want by adjusting the air vent (**fig. 19 A**).
- Check that the afterburning (secondary combustion) starts. This is best indicated by yellow, flickering flames in front of the holes under the baffle.
- If the air flow is normal you will be able to shut the door and the fire will take care of itself.

Adding firewood

Stoke the stove frequently but only add small amounts of fuel at a time. If the stove is filled too full, the heat created may cause extreme stress in the chimney. Add fuel to the fire in moderation. Avoid smouldering fires as this produces the most pollution. The fire is best when it is burning well and the smoke from the chimney is almost invisible.

5.1 Danger of overheating

The fireplace must never be used in a manner that causes overheating

Overheating occurs when there is too much fuel and/or too much air so that too much heat develops. A sure sign of overheating is when parts of the fireplace glow red. If this happens, reduce the air vent opening immediately.

Seek professional advice if you suspect that the chimney is not drawing properly (too much/too little draught). For further information, see «4.0 Installation» (Chimney and flue pipe).

5.2 Ash removal

- The Jøtul F 480 has an ash pan that makes it easy to remove the ash.
- Only remove ash when the fireplace is cold.
- Scrape the ash through the grate in the inner bottom and down into the ash pan. Use a glove or something similar to protect your hand. Take hold of the handle of the ash pan and lift out the ash. Make sure that the ash pan never gets so full that it prevents the ash from falling through the grate and down into the pan.
- Make sure that the ash pan is pushed all the way in before closing the door.

6.0 Maintenance

6.1 Cleaning the glass

The product is equipped with an air wash for the glass. Air is sucked in through the air vent on the top of the product and down along the inside of the glass.

However, some soot will always stick to the glass, but the quantity will depend on the local draught conditions and adjustment of the air vent. Most of the soot layer will normally be burned off when the air vent is opened all the way and a fire is burning briskly in the fireplace.

Good advice! For normal cleaning, moisten a paper towel with warm water and add some ash from the burn chamber. Rub it over the glass and then clean the glass with clean water. Dry well. If it is necessary to clean the glass more thoroughly we recommend using a glass cleaner (*follow the instructions on the bottle*).

6.2 Cleaning and soot removal

Soot deposits may build up on the internal surfaces of the fireplace during use. Soot is a good insulator and will therefore reduce the fireplace's heat output. If soot deposits accumulate when using the product, they can easily be removed by using a soot remover.

In order to prevent a water and tar layer from forming in the fireplace, you should regularly allow the fire to burn hot in order to remove the layer. An annual internal cleaning is necessary to get the best heating effect from your product. It is a good idea to do this when cleaning the chimney and flue pipes.

6.3 Sweeping flue pipes to the chimney

Flue pipes must be swept through the flue pipe sweeping hatch or through the door opening. The baffle and exhaust deflector must be removed first.

6.4 Inspection of the fireplace

Jøtul recommends that you carefully inspect your fireplace yourself after it has been swept/cleaned. Check all visible surfaces for cracks. Also check that all joints are sealed and that the gaskets are in the correct position. Any gaskets showing signs of wear or deformation must be replaced.

Thoroughly clean the gasket grooves, apply ceramic glue (available from your local Jøtul dealer) and press the gasket well into place. The joint will dry quickly.

6.5 Exterior maintenance

Painted products may change colour after several years' usage. The surface should be cleaned and brushed free of any loose particles before new paint is applied.

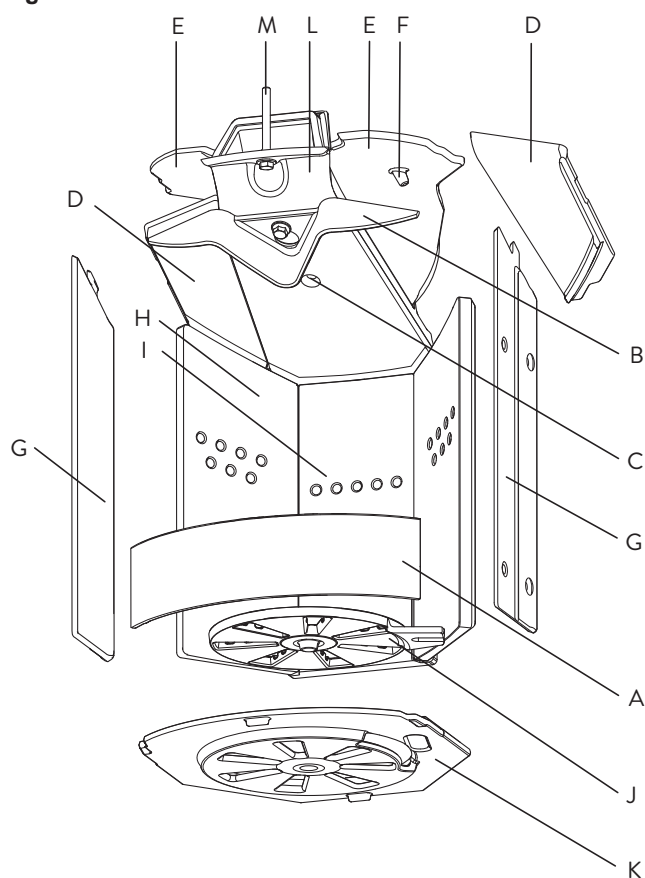
7.0 Servicing

Warning! Any unauthorised changes to the product are illegal! Only original spare parts may be used!

7.1 Service/replacing parts in the burn chamber

NB: Use tools with great care! The vermiculite plates may be damaged if treated roughly.

Fig. 21



1. Lift the ash retainer (A) up and out.
2. Slide or tap the lower exhaust deflector (B) out of the key hole (C). Hold it while doing this so that it does not fall down.
3. Pull the baffles (D) forwards, lift slightly, tilt and lower them down.
4. Be sure to note the position of the exhaust deflectors (E) before removing them to ensure that they can be fitted back into exactly the right places. Take hold of the pin (F) on the underside of the exhaust deflectors. Lift them up slightly and then sideways before lowering them.
5. Lift the front side burn plates (G) up and out.
6. Take hold of the upper part of the back side burn plates (H) and turn them in towards the middle of the burn chamber. Then pull them out.
7. Pull out the back burn plate (I). When fitting it back into

place, check that the gasket on the back burn plate is securely attached.

8. Lift out the riddling grate (J) (can be done first when it needs replacing). Make sure that the slot on the riddling grate is against the bar under the inner bottom plate when it is fitted back into place.
9. Lift and move the inner bottom plate (K) out.
10. Hold the upper air duct (L) up at the front edge while loosening the screw (M). Use a ratchet with a 13 mm socket and an extension piece. Tilt the air duct downwards when the screw is loose. This can also be done after point 6. There are gaskets at both the front and back of the air duct. Glue new gaskets on before fitting it back into place.
11. When refitting, follow the same procedure in reverse order.

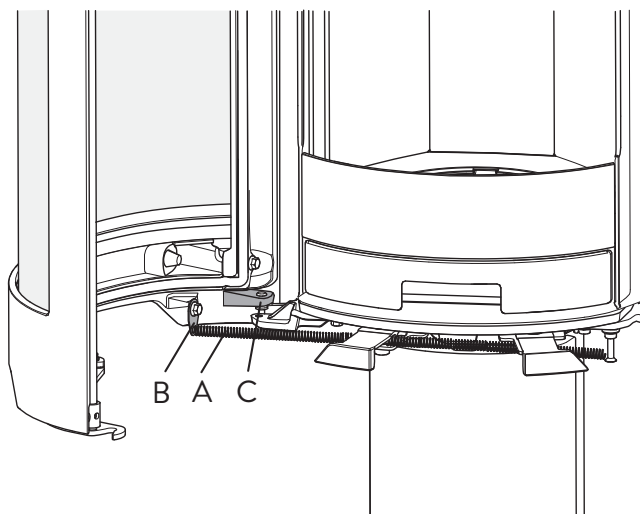
7.2 Replacing the side plates

1. Unscrew the screw (fig. 17 A) for the side plate on the top.
2. Unhook the lower part of the side with the screw of the bracket (fig. 17 B).
3. Install new sides as described in Chapter 4.5.

NB: If the stove has a smoke outlet on the top, the top plate can be raised to make it easier to get at the screws.

7.3 Replacing glass and gaskets in the door

Fig. 22



1. Open the door and unhook the spring (A) from the clip (B).
2. Lift the door off the hinges. Make sure that the washer under the lower hinge (C) does not get lost.
3. Place the door face down on a soft material.

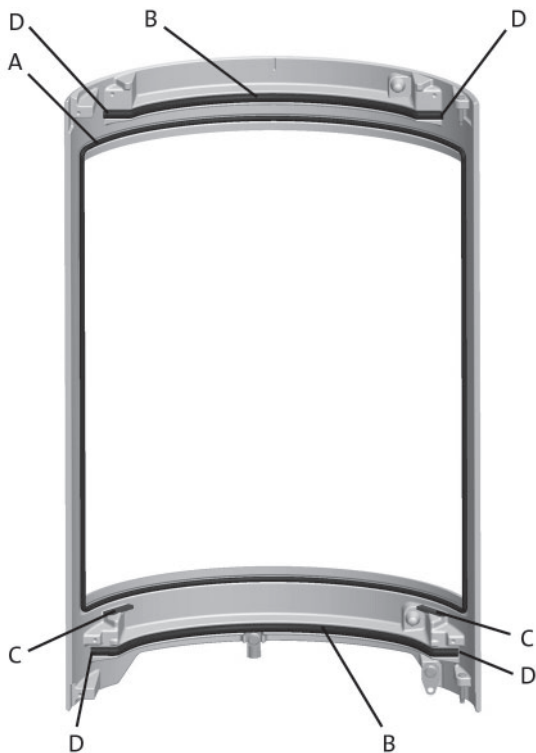
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Fig. 23



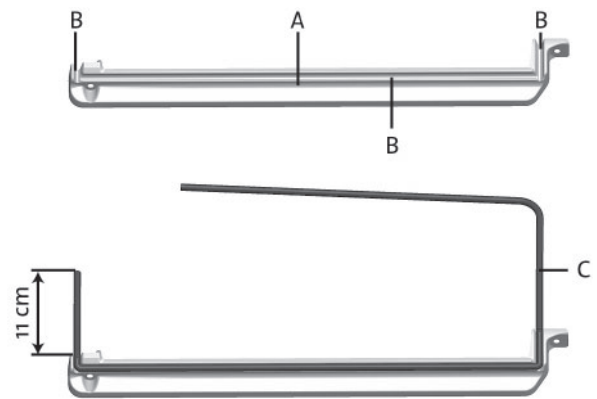
4. If it is just the gasket that goes against the front of the burn chamber that needs to be replaced **(A)**, the gasket groove can be cleaned and a new gasket can be glued into place.
5. If replacing a glass gasket or glass, unscrew the closing mechanism that is attached with screws and washers **(B)**.
6. Remove the glass holders **(C)** that are attached with 4 screws **(D)**.
7. Lift out the glass.

Fig. 24



8. Thoroughly clean the gasket groove and glue new gaskets into place: The glass gasket **(A)**, door gasket **(B)** and the gasket under the glass **(C)**. Make sure the door gaskets fit right into the corners **(D)**.

Fig. 25



9. Place the glass holders on a soft material with the side, as illustrated **(A)**, turned up.
10. Apply a bead of glue into the gasket groove **(B)** which is now facing up.
11. Fit the gasket **(C)** into the groove with the ends sticking out as illustrated (11 cm on one side).

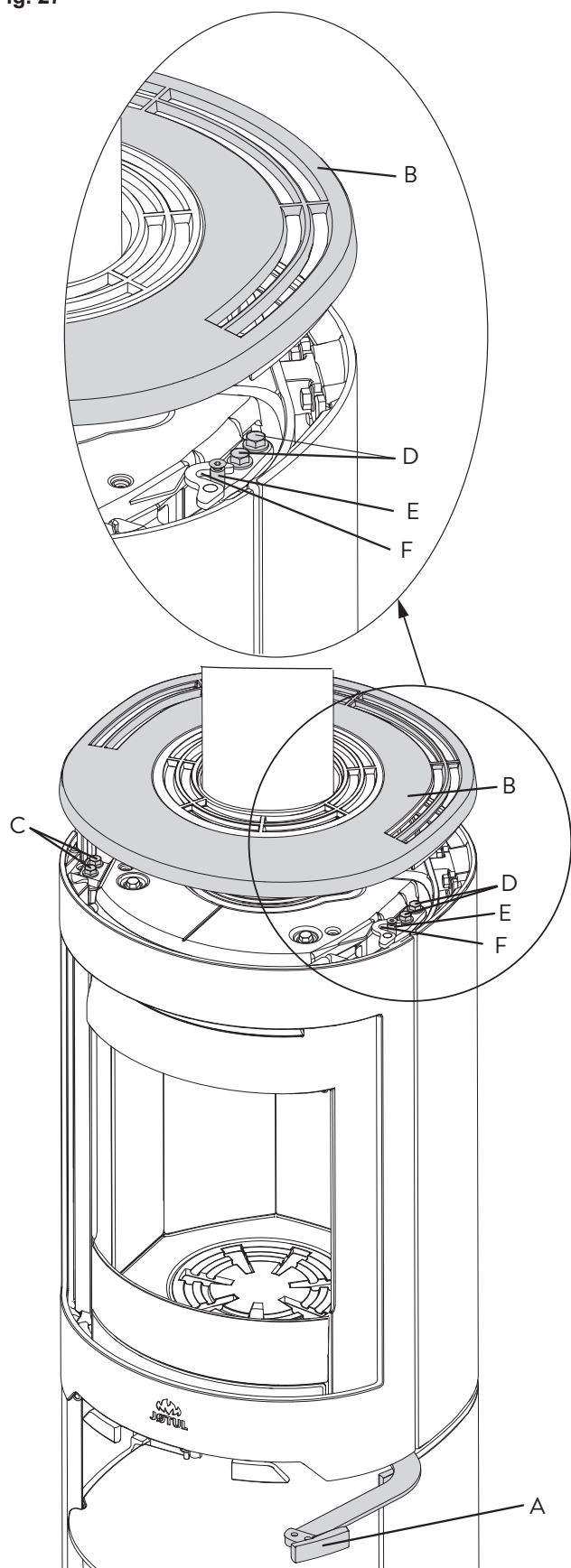
Fig. 26



12. Turn the glass holders and apply a bead of glue into the gasket grooves. Note the overlap **(A)**.
13. When refitting, follow the same procedure in reverse order. Remember to place a washer under the hinge.

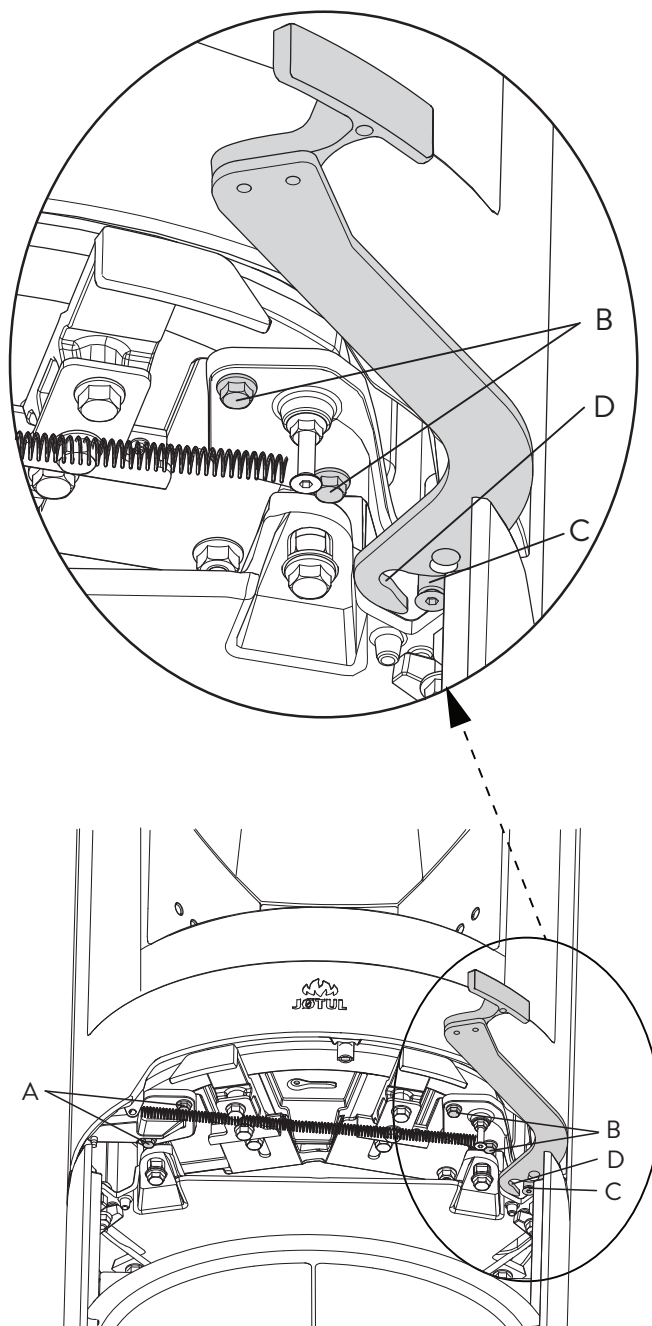
7.4 Adjusting the door

Fig. 27



1. Open the door handle (A).
2. Turn or lift off the top plate (B).
3. Loosen the screws (C).

Fig. 28



4. Loosen the screws (Fig. 28 A).
5. Place the door in the required position.
6. Tighten the screws (Fig. 28 A) and in Fig. 27 C.
7. Loosen the screws in Fig. 27 D and Fig. 28 B.
8. Close the handle (Fig. 27 A). Keep the door closed while pushing the upper door lock (Fig. 27 E) and the lower door lock (Fig. 28 C) into the hooks (Fig. 27 F and Fig. 28 D).
9. Keep the door closed while tightening the screws (Fig. 27 D and fig. 28 B) that hold the door locks.

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8.0 Operational problems - troubleshooting

Poor draught

Check the length of the chimney and that it complies with national laws and regulations. (See also «**2.0 Technical data**»). Make sure that the minimum cross section on the chimney is according to «**2.0 Technical data**» in the installation manual. Make sure that there is not anything preventing the smoke gasses from escaping: branches, trees, etc.

Upon suspicion of excessive/poor draught in the chimney, seek professional help for measurement and adjustment.

The fire extinguishes after a while

- Make sure that the firewood is sufficiently dry.
- Find out whether there is negative pressure in the house, close mechanical fans and open a window close to the fireplace.
- Check that the air vent is open.
- Check that the flue outlet is not clogged by soot.

Unusual amount of soot accumulates on the glass

Some soot will always stick to the glass, but the quantity depends on:

- Moisture in the fuel.
- The local draught conditions.
- Air vent opening.

Most of the soot will normally burn off when the air vent is opened all the way and a fire is burning briskly in the fireplace. (See «**6.1 Cleaning the glass**».)

9.0 Optional extras

9.1 Outside air connection

Outside air connection, Ø 80 mm - Cat. no. 51047509

9.2 Rotating set

See separate installation instructions (Art. no. 10026061). Rotating set for the Jøtul F 363, Jøtul F 373, Jøtul F 473 SHD and Jøtul F 483 - Art. no. 51012254

10.0 Recycling

10.1 Recycling packaging

Your fireplace is delivered with the following packaging:

- A wooden pallet that can be cut up and burned in the fireplace.
- Cardboard packaging that should be taken to a local recycling facility.
- Plastic bags that should be taken to a local recycling facility.

10.2 Recycling the fireplace

The fireplace is made of:

- Metal that should be taken to a local recycling facility.
- Glass that should be disposed of as hazardous waste. The glass in the fireplace must not be placed in a regular source segregation container.
- Vermiculite burn plates that can be disposed of in regular waste containers.

11.0 Guarantee terms

1. Our guarantee covers:

Jøtul AS guarantees that the external cast-iron parts are free from defects in materials or manufacturing at the time of purchase. You may extend the guarantee on the external cast-iron parts to 25 years from the date of delivery by registering the product on jotul.com, and print out the extended guarantee card within three months of purchase. We recommend that the guarantee card be kept together with the receipt. Jøtul AS also guarantees that steel plate parts are free from defects in materials or manufacturing at the time of purchase for a period of 5 years from the date of delivery.

The guarantee applies on the condition that the stove has been installed by a qualified installer in accordance with applicable laws and regulations and Jøtul's installation and operating instructions. Repaired products and replacement items are guaranteed within the original guarantee period.

2. The guarantee does not cover:

- 2.1. Damage to consumables such as burn plates, fire grates, flue baffles, gaskets and similar as these deteriorate over time due to normal wear and tear.
- 2.2. Damage caused as a result of improper maintenance, overheating, use of unsuitable fuel (e.g. of unsuitable fuel are, but not limited to driftwood, impregnated wood, plank offcuts, chipboard) or too moist / wet wood.
- 2.3. Installation of optional extras for the purpose of rectifying local draught conditions, air supply or other circumstances beyond Jøtul's control.
- 2.4. Cases involving alterations / modifications to the fireplace without Jøtul's consent or the use of non-original parts.
- 2.5. Damage caused during storage at a distributor, transport from a distributor or during installation.
- 2.6. Products sold by unauthorized sellers in areas where Jøtul operates a selective distribution system.
- 2.7. Associated cost (e.g. but not limited to, transport, manpower, travel) or indirect damages.

Pellets stoves, glass, stone, concrete, enamel and paint finish (e.g. but not limited to chipping, cracking, bubbling or discolouration and crazing) are applicable to the national legislation governing the sale of consumer goods. This guarantee is valid for purchases made within the territory of the European Economic Area. All guarantee inquiries must be addressed to your local authorized Jøtul dealer within a reasonable amount of time, which shall not be later than 14 days from the date on which the fault or defect first became apparent. See list of importers and dealers on our web site www.jotul.com.

If Jøtul is unable to meet the obligations outlined in the above guarantee terms, Jøtul will offer a replacement product with a similar heating capacity free of charge.

Jøtul reserve the right to decline of any replacement of parts or service in the event that the guarantee is not registered online. This guarantee does not affect any rights under applicable national legislation governing the sale of consumer goods. The national complaint right applies from the purchase date and only in exchange for a receipt / serial number.

Sluttkontroll av ildsteder

Quality control of stoves and fireplaces

Checked

Utført	Kontrollpunkt	Controlled item
✓	Alle deler er med i produktet (ifølge struktur).	All parts are included.
✓	Alle festemidler er av korrekt type, og er korrekt anvendt.	Correct fastener items have been used and correctly applied.
✓	Overflater er i samsvar med Jøtuls kvalitetsstandarder.	Surfaces comply with Jøtul workmanship standards.
✓	Lukkemekanismer fungerer som de skal, og uten behov for unødig stor kraft.	Door locking mechanisms function correctly; excessive force is not needed.
✓	Produktet/serien møter kravet for lekkasjetest.	The product/lot complies with the leakage test requirement.
✓	Lakkerte/emaljerte overflater møter kravene i Jøtuls kvalitetsstandarder.	Paint/enamel surface finish complies with Jøtul workmanship standards.
✓	Produktet er fritt for utvendig kitt- eller limklin.	Surfaces are not contaminated by external stove cement or glue.
✓	Produktet har ingen sprekker i glass, støpejern eller andre deler.	There are no cracks in glass, cast iron or other parts.
✓	Pakninger er riktig lagt, og skjemmer ikke produktet ved stygge ender eller ved at pakningen er unødig synlig.	Gaskets are correctly applied and do not degrade product appearance (i.e. loose ends or excessive visible exposure).
✓	Dørpakninger er godt limt.	Door gaskets are firmly glued/fixed to the door.
✓	Dørpakninger har tilfredsstillende pakningstrykk.	Door gaskets provide satisfactory sealing.
✓	Sjekk at det ikke "lyser gjennom" i dørpakning eller andre sammenføyninger.	Check for "light through" at door seals and other relevant locations.
✓	Trekkhender osv fungerer normalt.	The function of air valve handle etc is normal.

Jøtul bekrefter herved at dette produktet er kontrollert og funnet å være i samsvar med våre kvalitetsnormer.	Jøtul hereby confirm that this product has been QC inspected and found to comply with our quality standards.
Lot. No. / Serie nr. - Checked by / kontrollert av	