

Jøtul FS 166 – I 570

Jøtul FS 166 – I 570
Manual Version Poz

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Jøtul FS 166 – I 570



Monterings- og bruksanvisningen må oppbevares under hele produktets levetid. These instructions must be kept for future references. Ce manuel doit être conservé pour de futures interventions. Wir empfehlen Ihnen, die Montage- und Bedienungsanleitung für spätere Zwecke sorgfältig aufzubewahren.

ENGLISH

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1.0 Relationship with the authorities

Jøtul FS 166 – I 570 is a freestanding product with Jøtul I 570 as the burn chamber, which can be positioned against inflammable walls at the distances described in Fig. 1.

Installation of the fireplace must be according to local codes and regulations in each country. All local regulations, including those that refer to national and European standards, shall be complied with when installing the product.

Installation instructions for the surround are included. Installation and user instructions for the insert are enclosed with the product. For day-to-day use, maintenance, servicing, etc., please see this document. The installation may only be used once it has been inspected and a certificate of completion has been issued.

Prior to using the product the installation must be approved by a qualified person.

The classification label for the free-standing products is enclosed with the surround's installation instructions and is to be placed on the backside of upper back plate (Fig. 2 - position 15). This contains information about identification and documentation for the product.

2.0 Technical data

Weight, surround:	Approx. 440 kg
Weight, burn chamber:	220 kg
Height:	1835 mm
Width:	1025 mm
Depth:	536 mm
Height, centre smoke outlet:	1587 mm

(Technical data for burn chamber - see installation manual for Jøtul I 570)

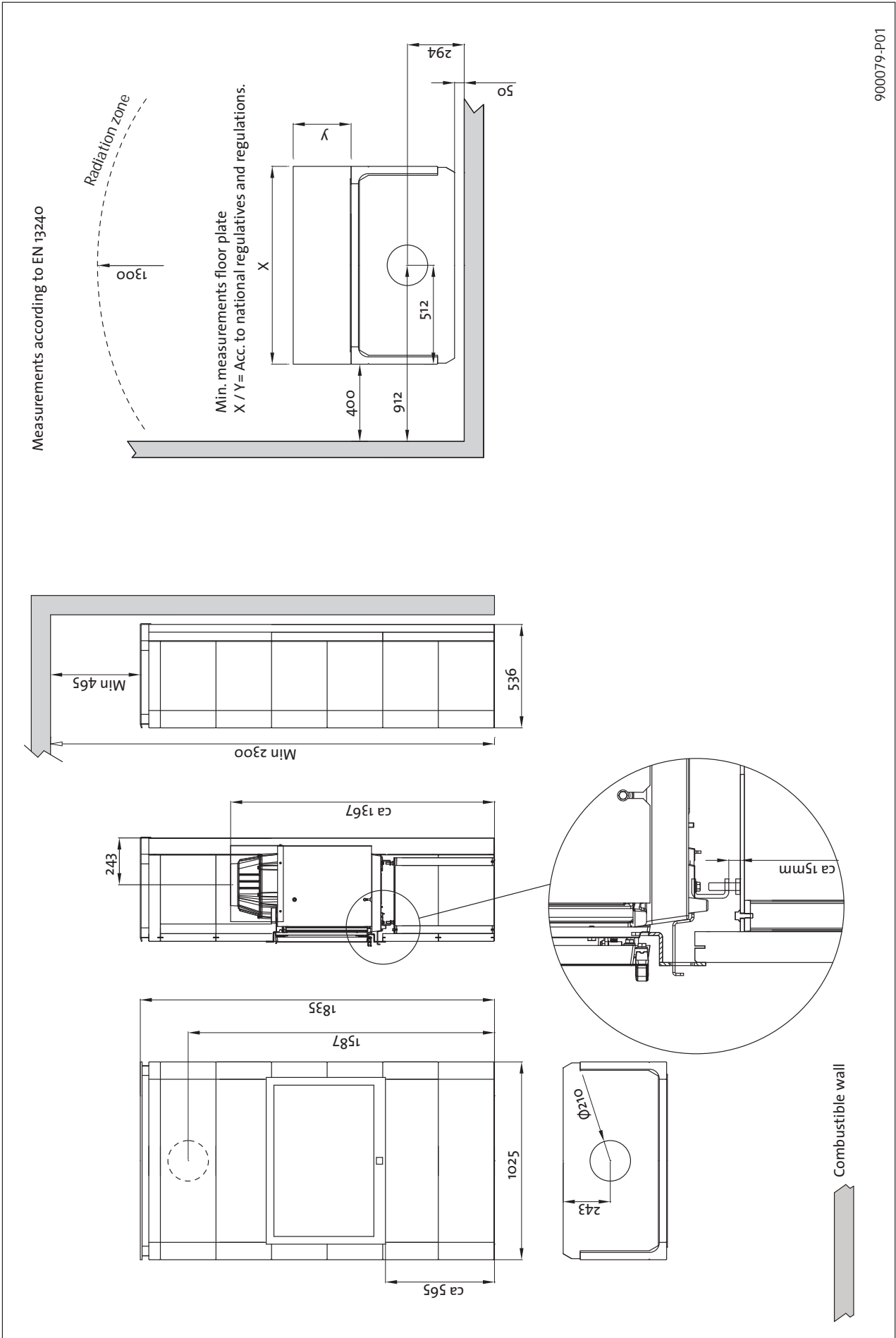
Optional equipment

- Ash solution cat.no. 50012921

Product: Jøtul Room heater fired by solid fuel				CE	
Standard Minimum distance to adjacent combustible materials: Emission of CO in combustion products: Flue gas temperature: Nominal heat output: Efficiency: Operational range: Fuel type: Operational type: The appliance can be used in a shared flue.					
Country	Classification	Certification/standard	Approved by		
Norway	Mosse II				
Sweden	osc	SP	SP Sveriges Provnings- och Forskningsinstitut AB		
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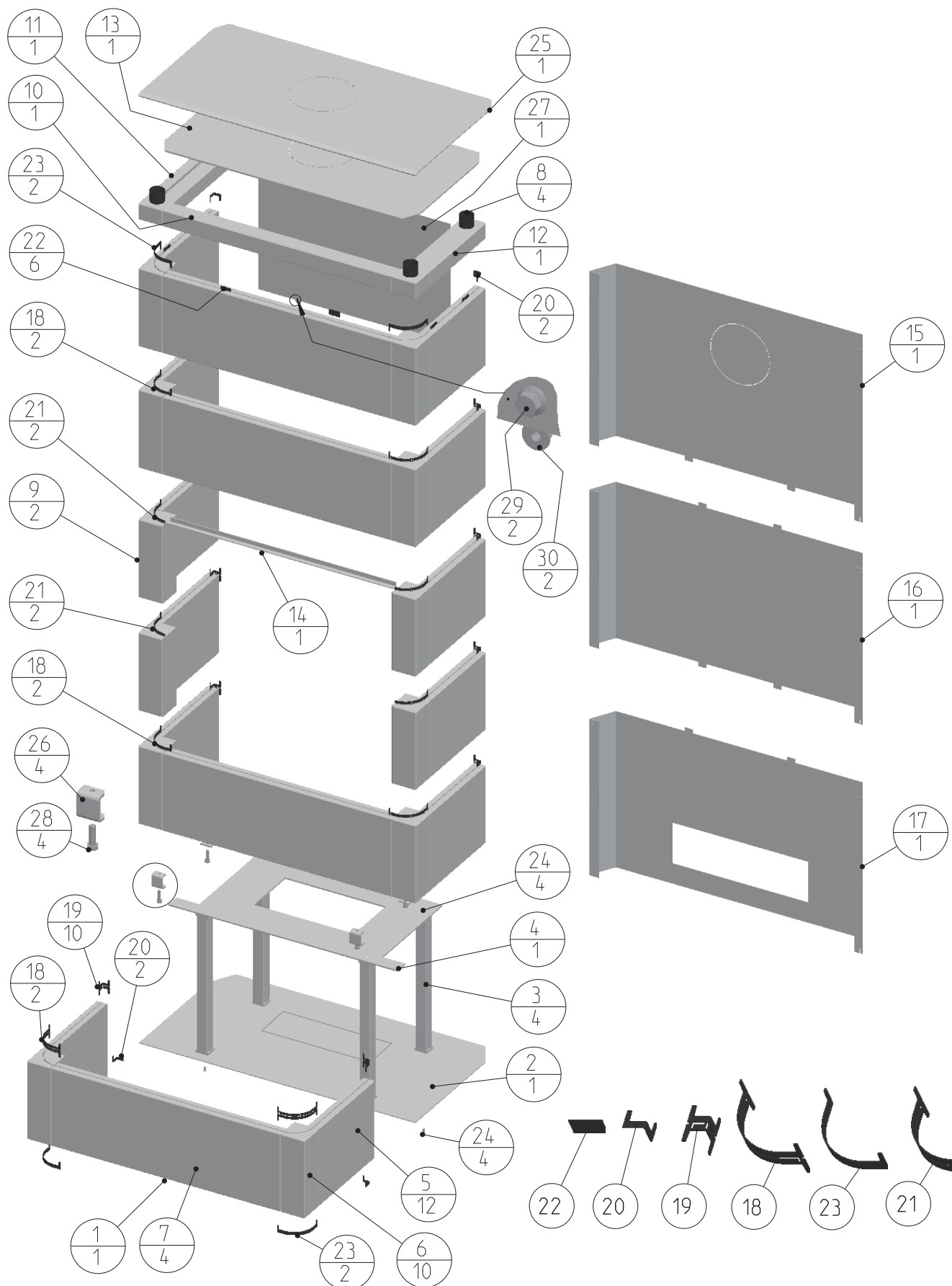
Jøtul FS 166 - I 570

Fig. 1



3.0 Parts of the surround

Fig. 2



4.0 Prior to installation

4.1 Foundations

You need to make sure the foundation is suitable for a stove. See «2.0 Technical data» for specified weight.

Remember: If a steel chimney resting on the burn chamber is being used, the weight of the steel chimney should be taken into account.

NB: It is extremely important that the product be stable; the surface it is installed on must be completely inflexible.

It is recommended that flooring that is not attached to the foundation – «floating floors» – be removed beneath the product.

4.2 Floor covering

Jøtul FS 166 - I 570 has an airtight bottom plate and no extra floor covering is required beneath the product.

Any floor covering of inflammable material, such as linoleum, carpets, etc. must be removed from under the product.

4.3 Floor plate

A plate made of steel or some other suitable non-inflammable metal (optional extra) is placed in front of the hearth.

The floor plate must comply with national laws and regulations.

Contact your local building authorities regarding restrictions and installation requirements.

4.4 Air supply

There must be a flow of air between the burn chamber and the surround. This is to ensure that there is not too great a build-up of heat inside the surround.

NB: It is extremely important that air openings not be covered. See fig. 1 for distances.

4.5 Steel chimney

If a top-mounted steel chimney is used, an uninsulated pipe is fitted from the burn chamber to approximately **10 mm** through the top stones. Make sure that the gasket is properly seated between the flue pipe and the smoke outlet. Then fit the steel chimney in accordance with the chimney supplier's installation instructions.

4.6 Ceiling

Make sure the room where the Jøtul FS 166 - I 570 is to be placed has a ceiling height of **at least 2300 mm**.

4.8 Chimney and flue pipe

- The stove must be connected to a chimney and flue pipe approved for solid fuel fireplaces with flue gas temperatures as specified in «2.0 Technical data» in the insert manual.
- The cross-section of the chimney must be at least that of the flue pipe. To calculate the correct chimney cross section, see «2.0 Technical data» in the insert manual.
- Several solid fuel products can be connected to the same chimney system if the chimney cross-section is adequate. Contact your local building authorities regarding restrictions

and installation requirements.

- Connection to the chimney must be performed in accordance with the installation instructions of the chimney supplier.
- Make sure that the flue pipe rises all the way up to the chimney.
- Please note that it is extremely important for connections to have a degree of flexibility.

For recommended chimney draught, see «2.0 Technical data» in the insert manual.

4.8 Preparation

The basic product is supplied in two packages:

1. the burn chamber,
2. and soap stones with mounting sections.

NB: Check that there is no visible damage to the product when you unpack it, and make sure that the control handles move freely.

The burn chamber is heavy, – make sure it does not topple over while you are installing it!

Ensure you have help when positioning and installing it.

The product is supplied together with 3 manuals:

1. General user and maintenance manual
2. Jøtul FS 166 - I 570 (surround)
3. Jøtul I 570 (burn chamber)

The surround consists of the following elements (Fig. 2):

Part	Description	Total
2	Bottom plate 1 pcs	
3	Leg 4 pcs	
4	Insert support plate 1 pcs	
5	Side stone 12 pcs	
6	Corner stone 10 pcs	
7	Front stone 4 pcs	
8	Distance piece 4 pcs	
9	Corner stone over insert 2 pcs	
10	Top stone, front 1 pcs	
11	Top stone, left 1 pcs	
12	Top stone, right 1 pcs	
13	Top grid 1 pcs	
14	Support bracket 1 pcs	
15	Rear plate, upper 1 pcs	
16	Rear plate, middle 1 pcs	
17	Rear plate, lower 1 pcs	
18	Bracket 16 pcs	
19	Bracket 310 pcs	
20	Bracket 6 4 pcs	
21	Bracket 54 pcs	
22	Bracket 26 pcs	
23	Bracket 4 4 pcs	
24	Screw countersink unb, M6x16 8 pcs	
25	Heat shield, top 1 pcs	
26	Adjustable leg 4 pcs	
27	Heat shield for flue pipe 1 pcs	
28	Screw Hexagon, M10x35 4 pcs	
29	Screw hexagon cap flange, M6x10 2 pcs	
30	Nut hexagon cap flange, M6 2 pcs	

Prior to installation, decide on the following:

1. Where the smoke outlet should be.
2. Ash collection system if being used.

Refer to manuals for parts installation instructions.

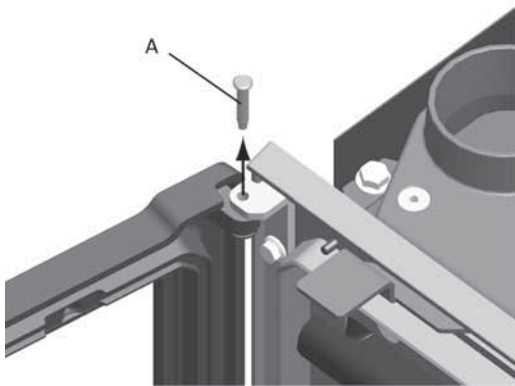
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4.9 Preparation/installation

NB: Check that the fireplace is undamaged before installation begins. The product is heavy! Ensure you have help when positioning and installing it.

After unpacking the insert take out the box with contents. To make the product lighter, remove the door.

Fig. 3 A



1. Open the door.
2. Tap out the hinge pins and pull out the door.

Fig. 3 B

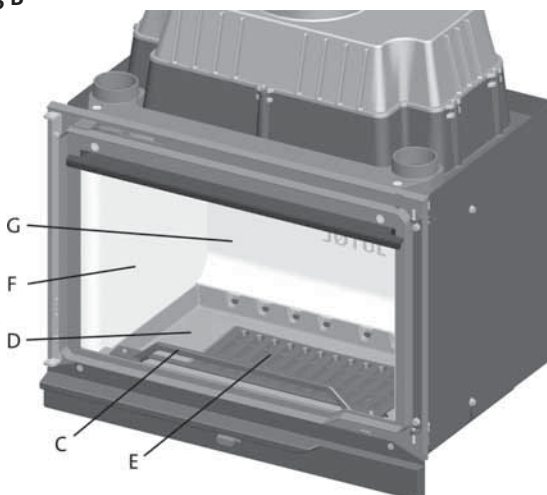
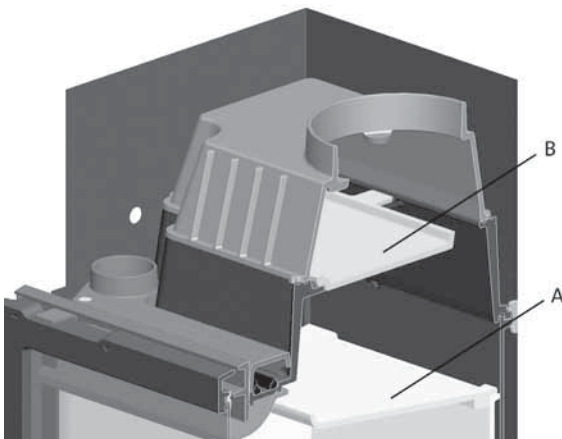


Fig. 3 C



3. To make the installation easier, remove the burn plates (fig. 3 B-G/F), baffle plate (fig. 3 C-A), exhaust deflector (fig. 3 C-B), log retainer (fig. 3 B-C), inner bottom (fig. 3 B-D), and grate (fig. 3 B-E). See section "4.1 Replacing the burn plates, baffle plate and exhaust deflector".

5.0 Mounting

NB: The base must be level. Max. 1mm/m tolerance. This is extremely important to ensure that the rest of the installation is correct.

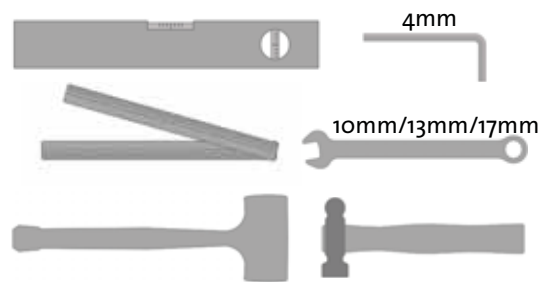
All stones must be level. This has to be checked for each new layer of stones. If necessary use small pieces of steel or silicon to adjust the height of the stones.

Important!

Bear in mind that the stones may be damaged if they are handled roughly. Do not knock the mounting brackets too hard. Installation should be carried out by a qualified person.

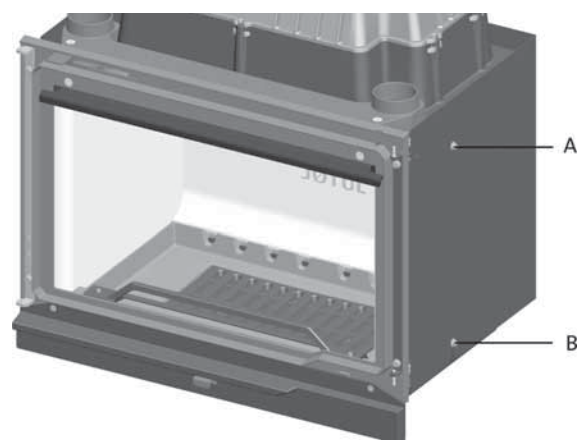
Fig. 4

Necessary tool during mounting.



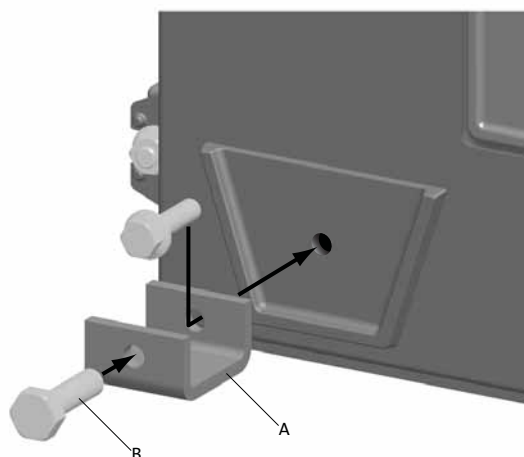
Spirit level, allen key, folding ruler, wrench, rubber mallet and hammer.

Fig. 5



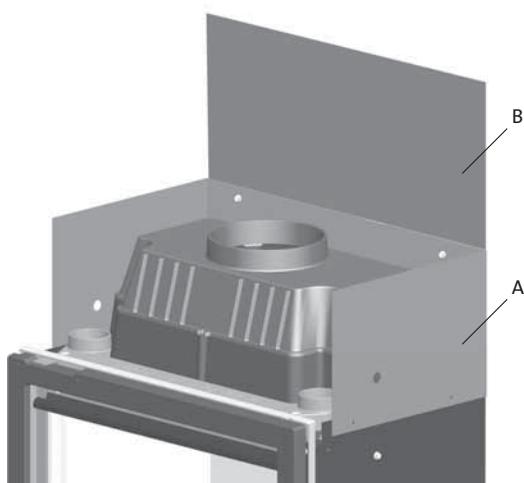
1. Dismount the insert's heat shield by unscrewing the upper screw on both sides of the insert (fig. 5 A). Loosen the lower screws (fig. 5 E) somewhat and pull the heat shield upwards and then remove it.
2. Lay the insert carefully down on its back (you can protect the floor with the wooden pallet and cardboard packaging).

Fig. 6



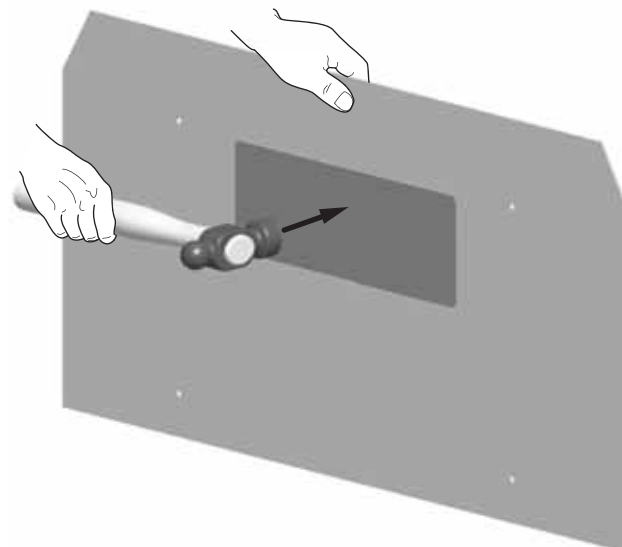
1. Mount the four cassette legs (**Fig. 6 A**).
2. Screw the foot screws (**Fig. 6 B**) through the foot. Adjust length to approx. 15 mm (**see Fig. 1 and Fig. 13**).
3. Stand the product carefully up.
4. Reposition the previously removed heat shield (**see Fig. 5**).

Fig. 7



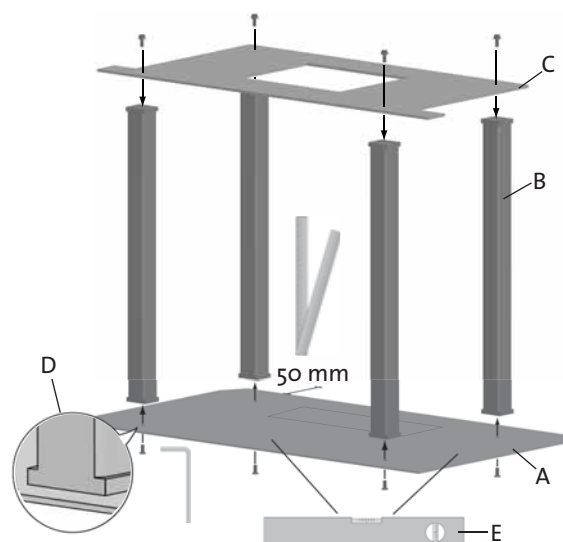
1. Unscrew the upper heat shield at the rear (**Fig. 7 A**). Turn it upside down and screw it firmly in position using the same screws it was fastened with before.
2. **If top smoke outlet:** Mount the heat shield for flue pipe (**Fig. 7 B**).

Fig. 8 A



NB! Hole in floor for external air.

Fig. 8 B



1. Assemble the stand. The stand consist of bottom plate (**Fig. 8 B-A**), 4 legs (**Fig. 8 B-B**) and top plate (**Fig. 8 B-C**).
2. It is very important that the legs are mounted as shown in **figure 8 B-D**.
3. Place the stand at its final position and make sure a gap of min. 50 mm to the wall.
4. The floor and stand has to be completely level (**Fig. 8 B-E**). **This is extremely important to ensure that the rest of the installation is correct.**

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Fig. 9

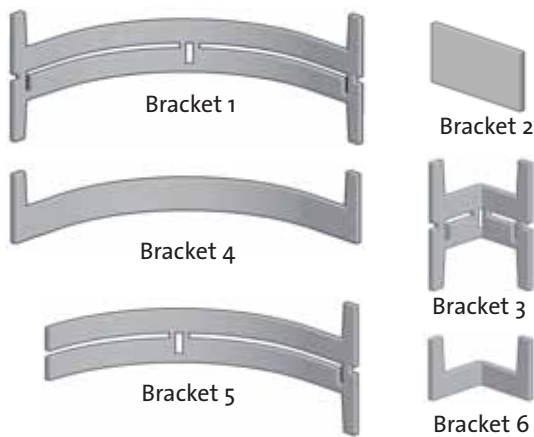
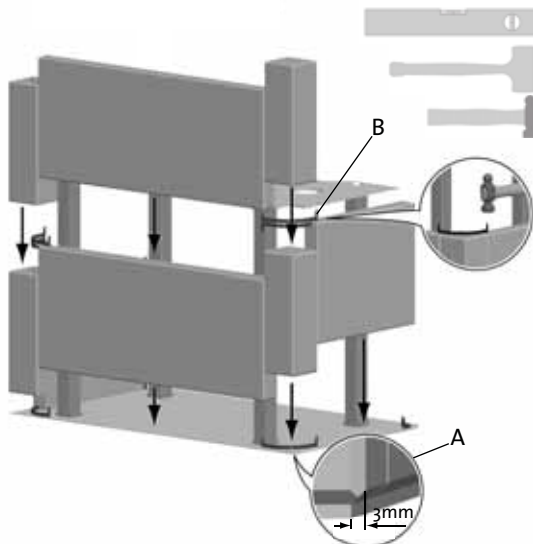


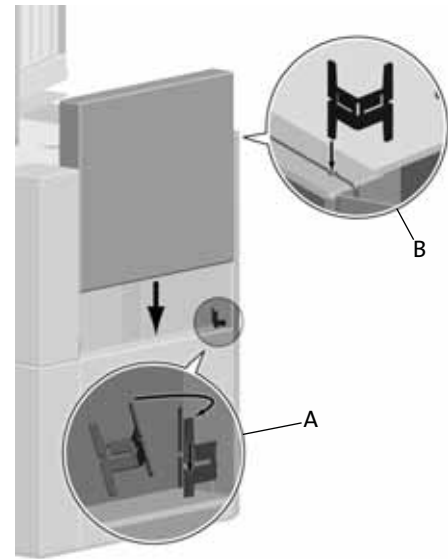
Fig. 10



NB! Do not use corner stones marked «223628» before the fourth layer.

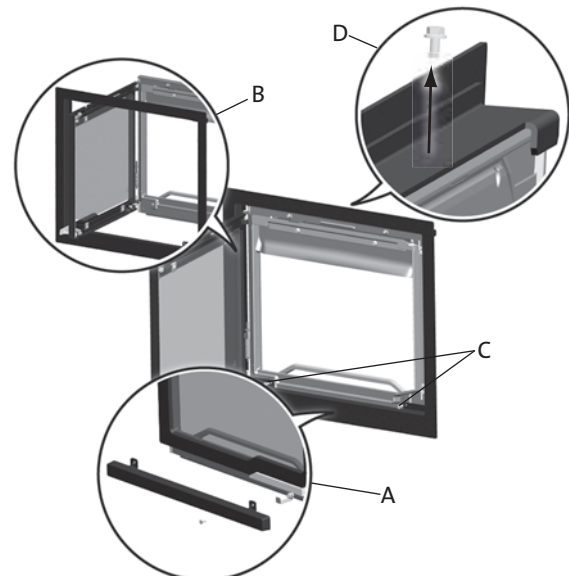
1. Fit the first layer of soap stone on the bottom plate. Use **bracket 4** and **bracket 6** under to hold them in place.
2. Make sure the layer is level and placed correct on the bottom plate (**Fig. 10 A**). Use a rubber mallet to adjust the stones.
3. Place the front stone and corner stones of the second layer using **bracket 1** (**Fig. 10 B**).

Fig. 11



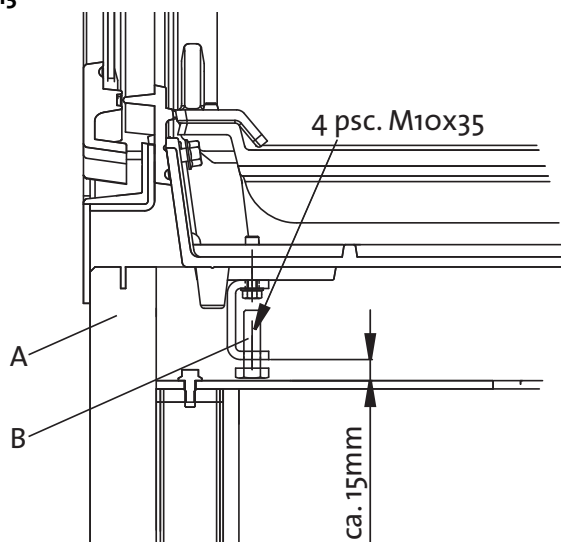
1. Position the burn chamber on the stand. Make sure that the burn chamber is positioned stably.
2. Refit all the parts that were removed for easier handling of the insert.
3. Mount the first rear plate to **bracket 6** that is placed under the first layer of soap stone.
4. Mount **bracket 3** from the inside through the back plate (**Fig. 11 A**). Use a hammer and knock it gently into the soap stone.
5. Place the side stones of the second layer between the corner stones and the rear plate. Use **bracket 3** to hold it in place (**Fig. 11 B**).
6. Make sure everything is level.

Fig. 12



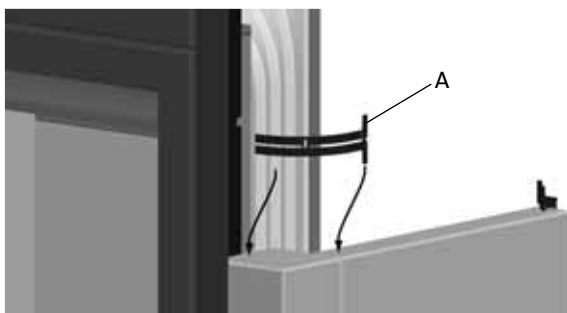
1. Remove the lower cover (**Fig. 12 A**).
2. Fit the decorative frame over the door and hook it over the front (**Fig. 12 B**).
3. Attach the trim panel with the same screws as those used for the lower cover (**Fig. 12 C**).
4. Remove the M8 screw provided (**Fig. 12 D**).

Fig. 13



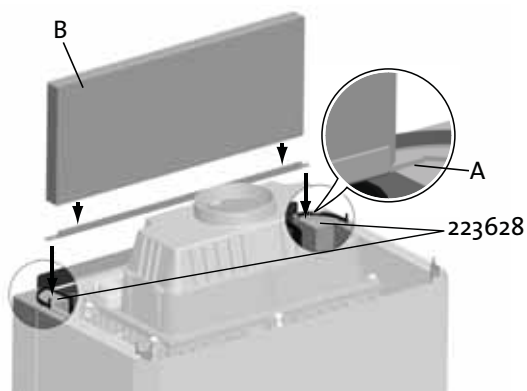
1. Centre the insert laterally.
2. Position the insert and the frame against the front of the surround.
3. Make sure that there is clearance between the lower edge of the frame and the stone below (Fig. 13 A) by adjusting the foot screws (Fig. 13 B).
4. Adjust the foot screws until the insert is perfectly level.

Fig. 14



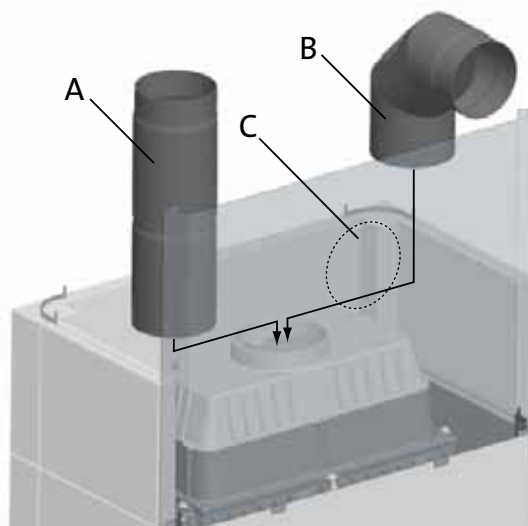
1. Use bracket 5 (Fig. 14 A) on layer 3 and 4.
2. Adjust the brackets with bare hands if necessary to make them hold the stones together.

Fig. 15



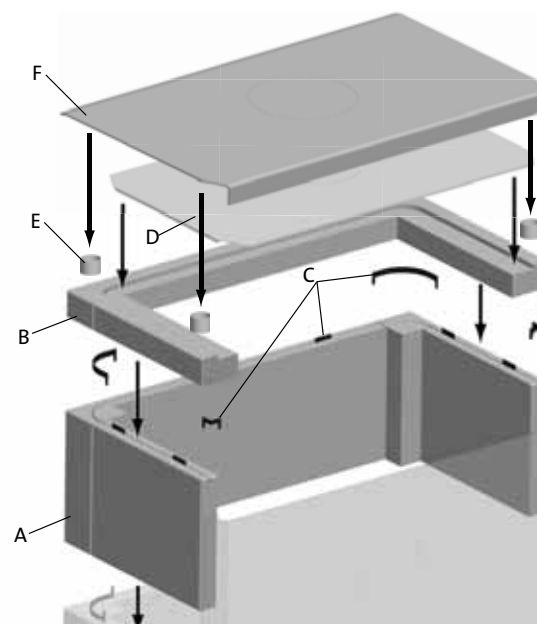
1. Place the attachment bracket on the special corner stone 223628 (Fig. 15 A). The front stone (Fig. 15 B) of layer 5 shall rest on the attachment bracket.

Fig. 16



1. Install the flue pipe. Top smoke outlet (Fig. 16 A) or rear smoke outlet (Fig. 16 B). If a rear smoke outlet: Remove the knockout in the rear plate (Fig. 16 C).

Fig. 17



If top smoke outlet:

1. Place the last layer (Fig. 17 A) and the top layer (Fig. 17 B). Use bracket 2, bracket 4 and bracket 6 between the last layer and the top layer (Fig. 17 C).
2. Remove the knockout and place the top grid (Fig. 17 D).
3. Place the distance pieces (Fig. 17 E), remove the knockout and place top heat shield (Fig. 17 F).

If rear smoke outlet:

1. Place the last layer (Fig. 17 A) and the top layer (Fig. 17 B). Use bracket 2, bracket 4 and bracket 6 between the last layer and the top layer (Fig. 17 C).
2. Place the top grid (Fig. 17 D).
3. Place the distance pieces (Fig. 17 E) and place top heat shield (Fig. 17 F).

6.o Installation completed

See the General user and maintenance manual for Jøtul I 570 for the use and maintenance of the product.

7.o Maintenance

If you have the misfortune to find scratches in the surface, these may be polished out using a fine sandpaper. If deeper scratches are present, a paste made of powdered soap stone and water glass (sodium silicate) can be made up which you can use to fill the stone.

8.o Optional equipment

Ash collection system - cat. no. 50012921

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	

Cat.no. 10026632
223644-P02
Jøtul AS, Feb. 2012

Jøtul arbeider kontinuerlig for om mulig å forbedre sine produkter, og vi forbeholder oss retten til å endre spesifikasjoner, farger og utstyr uten nærmere kunngjøring.

Jøtul bemüht sich ständig um die Verbesserung seiner Produkte, deshalb können Spezifikationen, Farben und Zubehör von den Abbildungen und den Beschreibungen in der Broschüre abweichen.

Jøtul pursue a policy of constant product development. Products supplied may therefore differ in specification, colour and type of accessories from those illustrated and described in the brochure.

Jøtul s'attache à l'amélioration constante de ses produits. Ceux livrés peuvent présenter quelques différences d'aspect, de couleur et d'accessoires par rapport au présent document.

Kvalitet

Jøtul AS arbeider etter et kvalitetssikringssystem basert på NS-EN ISO 9001 for utvikling, produksjon og salg av ildsteder. Vår kvalitetspolitikk skal gi kundene den trygghet og kvalitetsopplevelse som Jøtul har stått for siden bedriftens historie startet i 1853.

Qualität

Jøtul AS hat ein Qualitätssicherungssystem, das sich bei Entwicklung, Produktion und Verkauf von Öfen und Kaminen nach NS-EN ISO 9001 richtet. Diese Qualitätspolitik vermittelt unseren Kunden ein Gefühl von Sicherheit und Qualität, für das Jøtul mit seiner langjährigen Erfahrung seit der Firmengründung im Jahre 1853 steht.

Quality

Jøtul AS has a quality system that conforms to NS-EN ISO 9001 for product development, manufacturing, and distribution of stoves and fireplaces. This policy gives our customers quality and safety piece of mind as a result of Jøtul's vast experience dating back to when the company first started in 1853.

Qualité

Jøtul AS applique une procédure de contrôle de qualité conforme à la norme NS-EN ISO 9001 pour le développement, la fabrication et la distribution de sa gamme de poêles, foyers et inserts. Cette démarche assure à nos clients une tranquillité d'esprit sur la qualité et la sécurité, due à une expérience remontant à la création de la société en 1853.



Jøtul AS,
P.O. box 1411
N-1602 Fredrikstad,
Norway

www.jotul.com