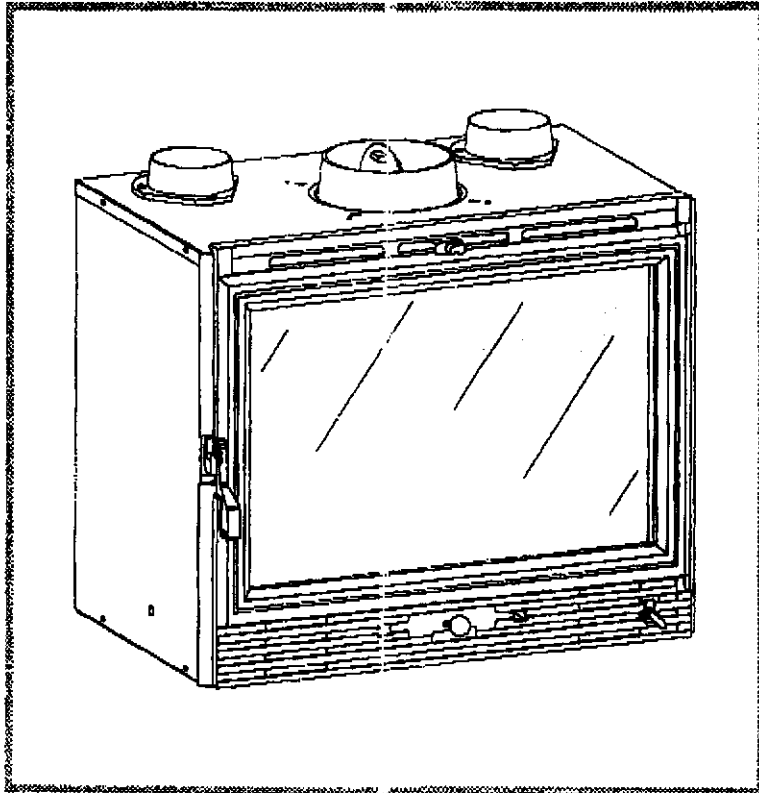


# Insert de cheminée

C G B sf In - NFD 35-376

Réf. 634.10.33

Réf. 634.10.34



Français . . . . . p. 3-9 & 11

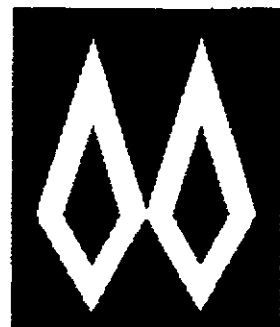
Nederlands . . . bl. 3-9 & 16

English . . . . . p. 3-9 & 22

Español . . . . . p. 3-9 & 26

Notice de référence

à conserver  
par l'utilisateur  
pour consultation  
ultérieure.



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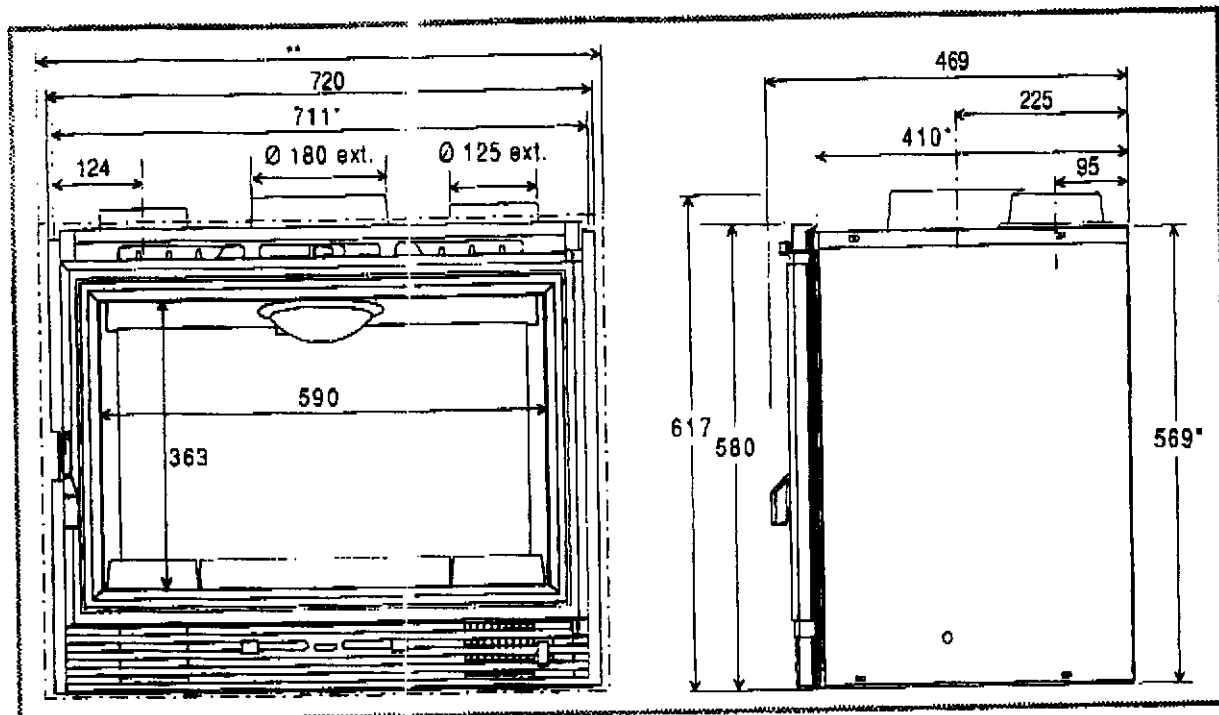


Fig. 1

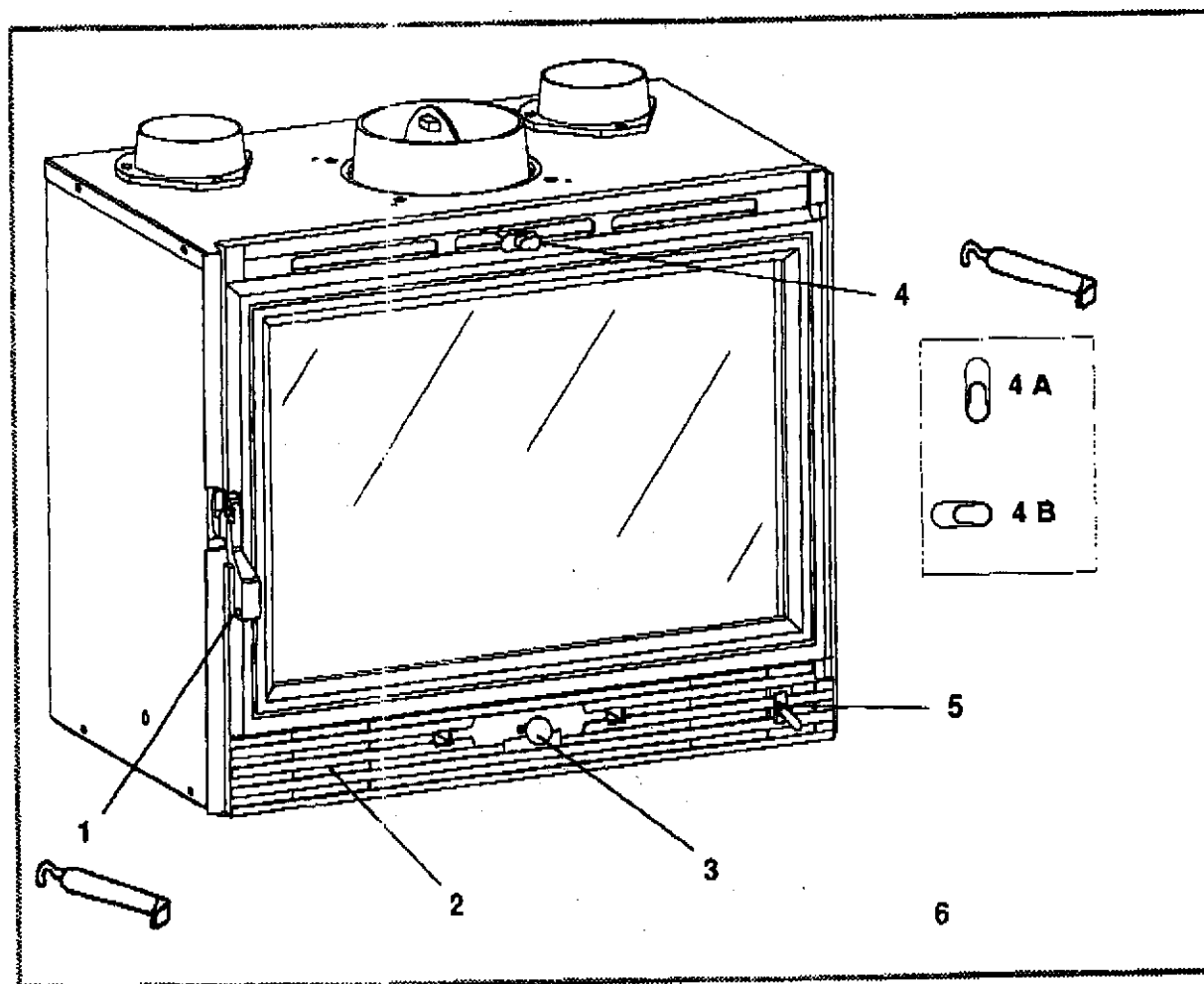


Fig. 2

## English

**Fig. 1 - Dimensions en mm**

\* Partie insérée

\*\* Les dimensions en tableau de l'âtre doivent permettre le réglage et l'ouverture de la porte.

**Fig. 2 - Organes de manoeuvre**

- 1 - Ouverture de la porte de chargement et préhension du cendrier, utiliser l'outil.
- 2 - Entrée de l'air de convection
- 3 - Réglage de l'admission d'air primaire
- 4 - Commande du clapet de tirage, utiliser l'outil.
- 4 A : Clapet fermé (fonctionnement normal)
- 4 B : Clapet ouvert - pour le chargement du combustible - pour augmenter le tirage
- 5 - (réf. 634.10.33) Sélecteur de la vitesse de ventilation
  - I : Vitesse maxi
  - 0 : Arrêt
  - II : Vitesse normale de fonctionnement
- 6 - Tisonnier

**Fig. 1 - Dimensions en mm**

\* Part to insert

\*\* The dimensions of the hearth surrounds should also allow the door to be opened and adjusted.

**Fig. 2 - Controls**

- 1 - Opening of the main door and drawing out the ash pan, use the hand tool.
- 2 - Ambient air
- 3 - Primary air inlet regulator
- 4 - Flue damper control (use the tool)
- 4A : Flue damper closed (normal speed)
- 4B : Flue damper opened - for fuel loading - to increase draught
- 5 - (réf. 634.10.33) Selector of fan speed
  - I : Maximum speed
  - 0 : Stop
  - II : Normal speed
- 6 - Poker

## Nederlands

**Fig. 1 - Afmetingen in mm**

\* in te bouwen deel

\*\* De opgegeven afmetingen van de haard moeten het mogelijk maken de deur te regelen en te openen.

**Fig. 2 - Bedieningsonderdelen**

- 1 - Opening haarddeur (Haak)
- 2 - Ingang koude convectielucht
- 3 - Regeling primaire lucht
- 4 - Bediening trekbeperkingsklep (Haak)
- 4A : Gesloten klep (normale werking)
- 4B : Open klep  
-voor de lading -om de trek te verhogen
- 5 - (réf. 634.10.33) Schakelaar snelheid
  - I : Max. snelheid
  - 0 : Stop
  - II : Normale snelheid
- 6 - Pook

## Español

**Fig. 1 - Dimensiones en mm.**

\* Partes a insertar

\*\* Las dimensiones en cuadro del hogar deben permitir el ajuste y la abertura de la puerta.

**Fig. 2 - Elementos de maniobra**

- 1 - Llave de abrir la puerta hogar (util)
- 2 - Entrada de aire de convección
- 3 - Regulación de entrada de aire primario
- 4 - Mando limitador de tiraje.
- 4A : Mando cerrado (funcionamiento normal)
- 4B : Mando abierto (para carga de combustible y aumento de tiro)
- 5 - (réf. 634.10.33) Selector de velocidad de ventilación
  - I : velocidad max.
  - 0 : stop
  - II : velocidad min.
- 6 - Tirador

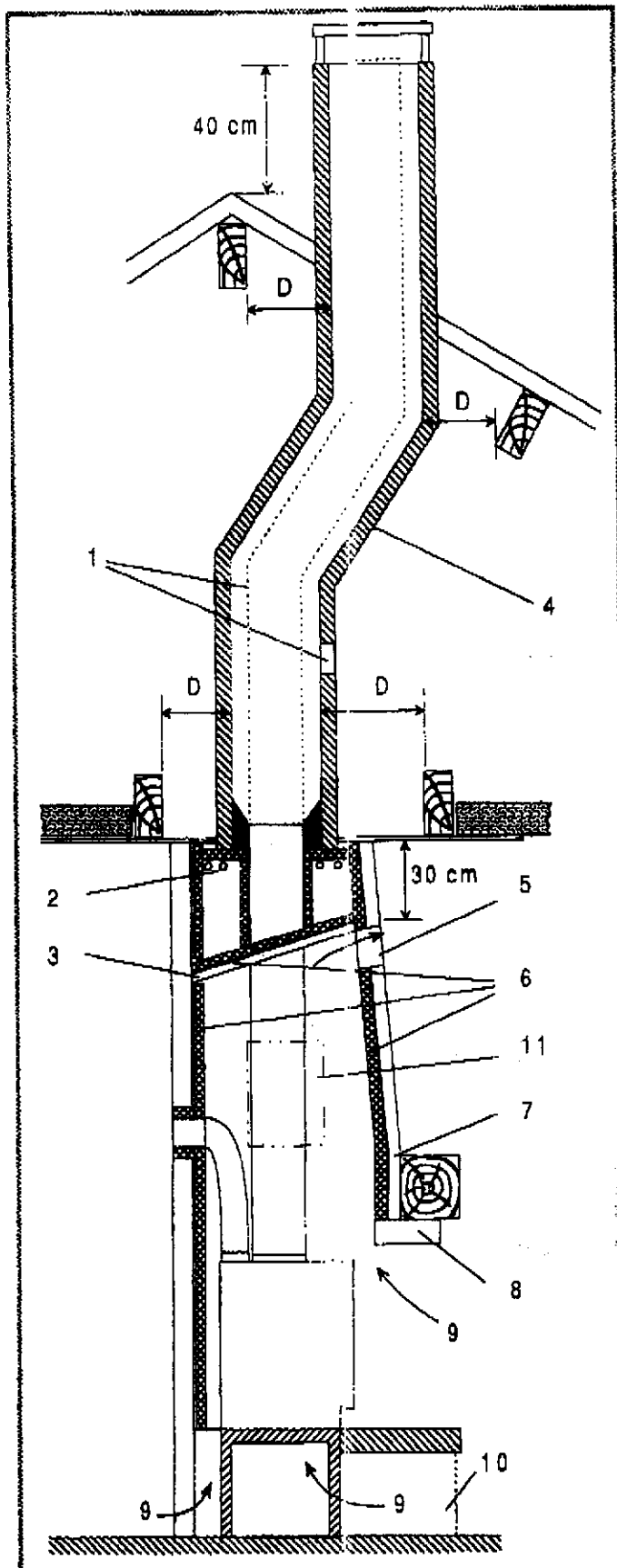


Fig. 3

## Français

Fig. 3 - Cheminée construite autour du Foyer

- 1 - Tubage éventuel avec évent lorsque le conduit existant n'est pas compatible.
- 2 - Trous de décompression pour ventiler l'espace entre le déflecteur et le plafond.
- 3 - Déflecteur pour guider l'air de convection.
- 4 - Conduit de fumées en boisseaux ou en conduit métallique isolé.
- 5 - Grille de diffusion d'air chaud (500 cm<sup>2</sup> minimum).
- 6 - Isolation (laine de roche).
- 7 - Hotte, en protection de poutre.
- 8 - Frise sous poutre, en brique ou béton réfractaire.
- 9 - Entrée d'air de convection.

**Circuit de convection :**

- Veiller à ce que l'air de convection puisse entrer librement sous l'appareil sur toute la périphérie, circuler autour du foyer (sur les côtés et à l'arrière) et s'évacuer par les bouches de diffusion de la hotte (500 cm<sup>2</sup> minimum). Une bonne circulation de l'air de convection permet un échange de chaleur optimum avec les parois en fonte du foyer sans surchauffe locale et une bonne ventilation de la hotte.

10 - Socle (ou bûcher) bien de niveau et ventilé sur sol stable et renforcé.

11 - Trappe de visite (500 x 350 mm) pour accès au conduit de raccordement, au modérateur de tirage, aux prises de dépression, etc...

D - Distance de sécurité :

- 16 cm mini à partir de la paroi intérieure du conduit (ne pas isoler la partie non combustible autour du conduit à la traversée du plafond). □

English

**Fig. 3 - Chimney constructed around insert**

- 1 - Possible tubing with venthole in case existing pipe is not compatible.
- 2 - Decompression holes to ventilate the space between deflector and ceiling.
- 3 - Deflector to guide convection air.
- 4 - Flue in chimney, flue tile or insulated metallic pipe.
- 5 - Warm air diffusion grates (minimum 500 cm<sup>2</sup>).
- 6 - Insulation (rockwool)
- 7 - Protection hood for girder.
- 8 - Frieze under girder, brick or fireproof concrete.
- 9 - Convection air-inlet.

**Convection circuit :**

- Ensure that the convection air can enter freely under and all around equipment, circulate around the firebox (on the sides and behind) and escape through diffusion vents in the hood (minimum 500 cm<sup>2</sup>). Good circulation of convection air allows for optimum heat exchange with the cast walls of the firebox without any local overheating as well as a good ventilation of the hood.

10 - Base (or stake), with correct levelling, ventilated, on a solid and reinforced ground.

11 - **Inspection hatch (500 x 350 mm)** to allow access to connection pipe, draught regulator, pressure points, etc. . .

**D - Safety distance :**

- minimum of 16 cm from the interior wall of the pipe (do not insulate the non-combustible part around the pipe across the ceiling). □

**Fig. 3 - Schoorsteen rond de haard gebouwd**

- 1 - Eventuele verbuizing met trekgat wanneer de bestaande leiding niet overeenstemmend is met de normen.
- 2 - Decompressiegaten om de ruimte te ventileren tussen de deflektor en de zoldering
- 3 - Deflektor om de konvektielucht te leiden
- 4 - Schoorsteenleiding in baksteenbuizen of metalische geïsoleerde buizen
- 5 - Rooster voor de uitstraling van warme lucht
- 6 - Isolatie (steenwol)
- 7 - Kap voor bescherming van houtbalk
- 8 - Fries onder balk in baksteen of warmtewerend beton
- 9 - Ingang konvektielucht

**Konvectieomloop :**

- Ervoor zorgen dat de lucht voor de konvectie overal onder het toestel kan langskomen; rond de haard kan circuleren (op de zijkanten en langs achter) en buiten kan gaan langs de diffusiekleppen van de kap (500 cm<sup>2</sup> minimum). Een goede circulatie van de konvektielucht laat een optimum warmte wisseling toe met de gietijzeren wanden van de haard zonder oververhitting van het lokaal en een goede ventilatie van de kap.

10 - Sokel goed waterpas en geventileerd - op gestabiliseerde bodem geplaatst en versterkt

11 - **Bezoekklep (500 x 350 mm)** voor toegang aan de verbindingsleiding, aan de trekbeperker en aan de depressie openingen

**D - Veiligheidsafstand :**

- 16 cm mini vanaf de binnenwand van de leiding (het onbrandbare deel rond de leiding bij de doorgang van de zoldering niet isoleren). □

Español

**Fig. 3 - Chimenea construida para un Hogar.**

- 1 - Entubado eventual con entrada de aire cuando el conducto existente no es compatible.
- 2 - Zona de descompresión para ventilar el espacio entre el deflector y el techo.
- 3 - Deflector guía del aire de convección.
- 4 - Conducto de humos de obra o de tubo metálico aislado.
- 5 - Rejilla difusora del aire caliente.
- 6 - Aislante (Lana de roca).
- 7 - Campana y protección de la madera.
- 8 - Protección de la base de la madera de material aislante.
- 9 - Entrada de aire para la convección.

**Circuito de convección :**

- Verificar que el aire de convección pueda entrar libremente por debajo del aparato y en toda su periferia, que circule alrededor del hogar (laterales y detrás) y que salga por las rejillas de difusión instaladas en la campana (500 cm<sup>2</sup> mínimo). Una buena circulación del aire de convección permite el óptimo intercambio de calor entre el aparato y la estancia que está ubicado.

10 - Zócalo nivelado y ventilado sobre el suelo estable y reforzado.

11 - **Puerta de acceso (500 x 350 mm)** al interior de la campana para poder manipular el empalme del aparato con el tubo, el moderador de tiro y las tomas de depresión.

**D - Distancia de seguridad:**

- 16 cm mínimo desde el interior de la pared del conducto a elementos que puedan deteriorarse por la acción del calor. ( Si el tubo cruza un techo de material no inflamable, no es necesario aislarlo). □

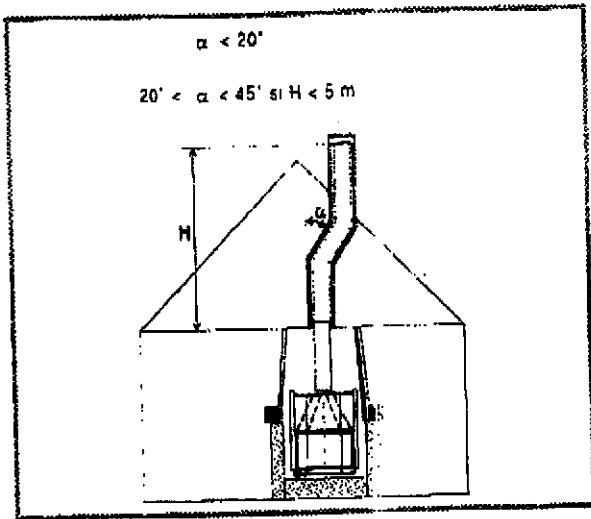


Fig. 4

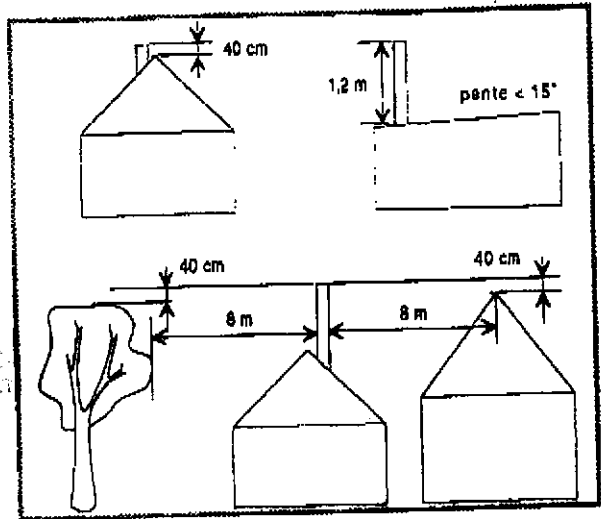


Fig. 5

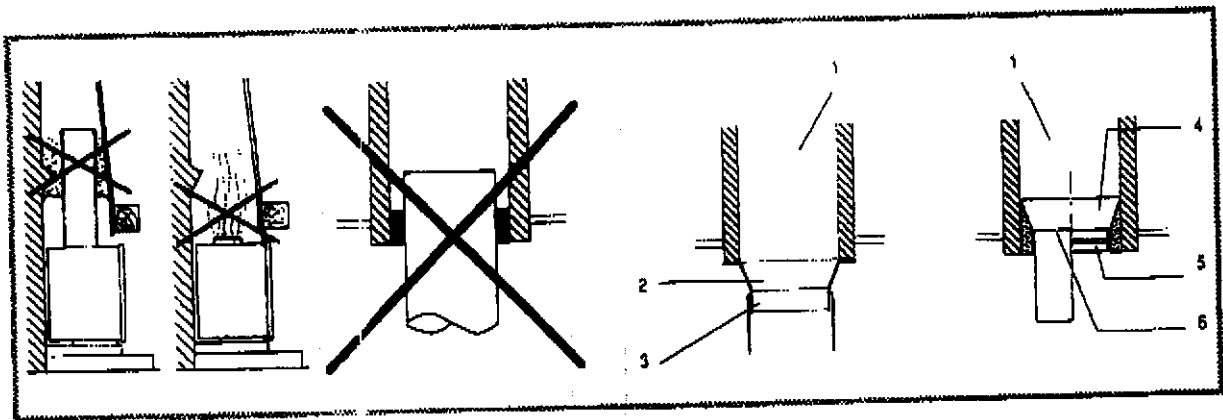


Fig. 6

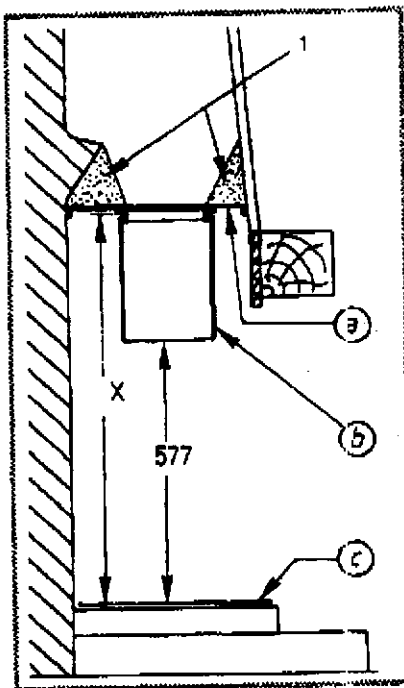


Fig. 7

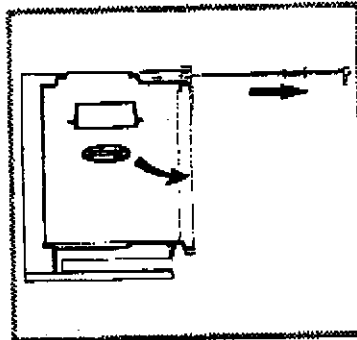


Fig. 8

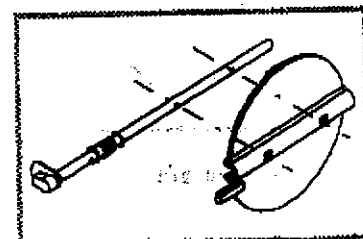


Fig. 9

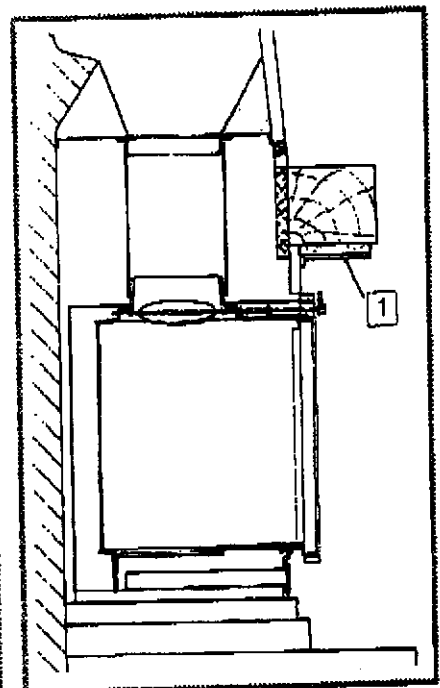


Fig. 10

French
<b>Fig. 4 - Dévoiement du conduit de fumée</b>
<b>Fig. 5 - Hauteur de la souche du conduit de fumée</b>
<b>Fig. 6 - Raccordement au conduit de fumée</b>
1 - Conduit de fumée 2 - Entonnoir en inox 3 - L'emboîtement du conduit est au moins égal à 40 mm 4 - Matériau réfractaire façonné en entonnoir 5 - Collerette scellée 6 - Le conduit ne dépasse pas la collerette et l'emboîtement est au moins égal à 40 mm □
<b>Fig. 7 - Préparation du conduit de fumée</b>
1 - Matériau réfractaire façonné en entonnoir a et c - Plaque en tôle d'acier b - buse de longueur X - 577
<b>Fig. 8 - Préparation de l'INSERT</b>
<b>Fig. 9 - Clé de manoeuvre du clapet</b>
<b>Fig. 10 - Mise en place</b>
1 - Protection de poutre

English
<b>Fig. 4 - Flue offset</b>
<b>Fig. 5 - Flue upper section height</b>
<b>Fig. 6 - Connection to flue</b>
1 - Flue 2 - Stainless steel funnel 3 - The pipe casing must equal at least 40 mm 4 - Funnel-shape fireproof material 5 - Sealed flange 6 - The pipe does not exceed the flange and the casing equals at least 40 mm
<b>Fig. 7 - Preparing the flue</b>
1 - Funnel-shape fireproof material a & c - Sheet-metal plate b - length X - 577 pipe
<b>Fig. 8 - Preparing the insert fire</b>
<b>Fig. 9 - Flue damper control</b>
<b>Fig. 10 - Setting</b>
1 - Beam protection

Nederlands
<b>Fig. 4 - Schuine stand van de rookleiding</b>
<b>Fig. 5 - Hoogte van de schoors:entop van de rookleiding</b>
<b>Fig. 6 - Verbinding op de rookleiding</b>
1 - Rookleiding 2 - Trechter in inox 3 - De inoenschuiving van de leiding is ten minste egaal aan 40 mm 4 - Warmtewerend materiaal in vorm van een trechter verwerkt 5 - Kraag 6 - De leiding gaat niet over de kraag en de overschuiving is ten minste egaal aan 40 mm
<b>Fig. 7 - Voorbereiding van de rookleiding</b>
1 - Warmtewerend materiaal in vorm van trechter gemaakt. a en c - Ijzeren plaat b - Buis (lengte X - 577)
<b>Fig. 8 - Voorbereiding van de INSERT</b>
<b>Fig. 9 - Bedieningsleutel van de klep</b>
<b>Fig. 10 - Plaatsing</b>
1 - Balkbescherming

Espanol
<b>Fig. 4 - Desviación de un conducto de humos.</b>
<b>Fig. 5 - Altura y distancias de un conducto de humos.</b>
<b>Fig. 6 - Empalme al conducto de humos</b>
1 - Conducto de humos. 2 - Reducción en Inoxidable. 3 - El encaje al conducto debe ser , al menos, de 40 mm. 4 - Material refractario en forma de embudo. 5 - Collarin sellado (estanco). 6 - El conducto no debe sobrepasar el collarin y el encaje debe ser al menos de 40 mm.
<b>Fig. 7 - Preparación del conducto de humos</b>
1 - Material refractario en embudo a y c - Chapa metálica b - tubo (X - 577)
<b>Fig. 8 - Preparación del insert</b>
<b>Fig. 9 - Mando de maniobra del limitador de tiro</b>
<b>Fig. 10 - Colocación del aparato</b>
1 - Protección

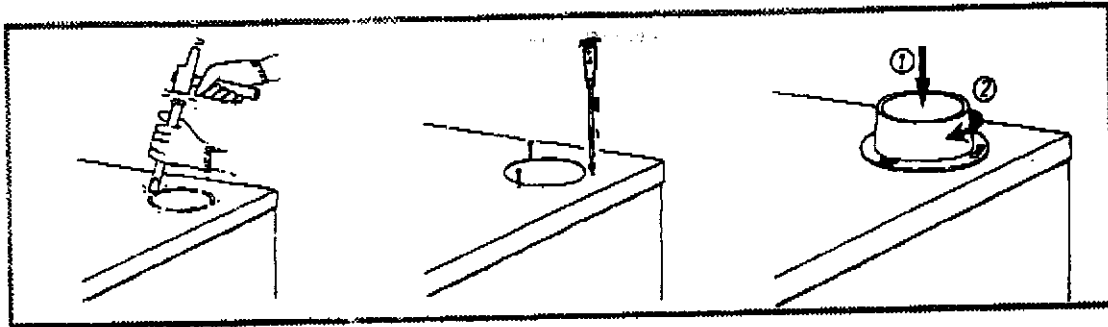


Fig. 11

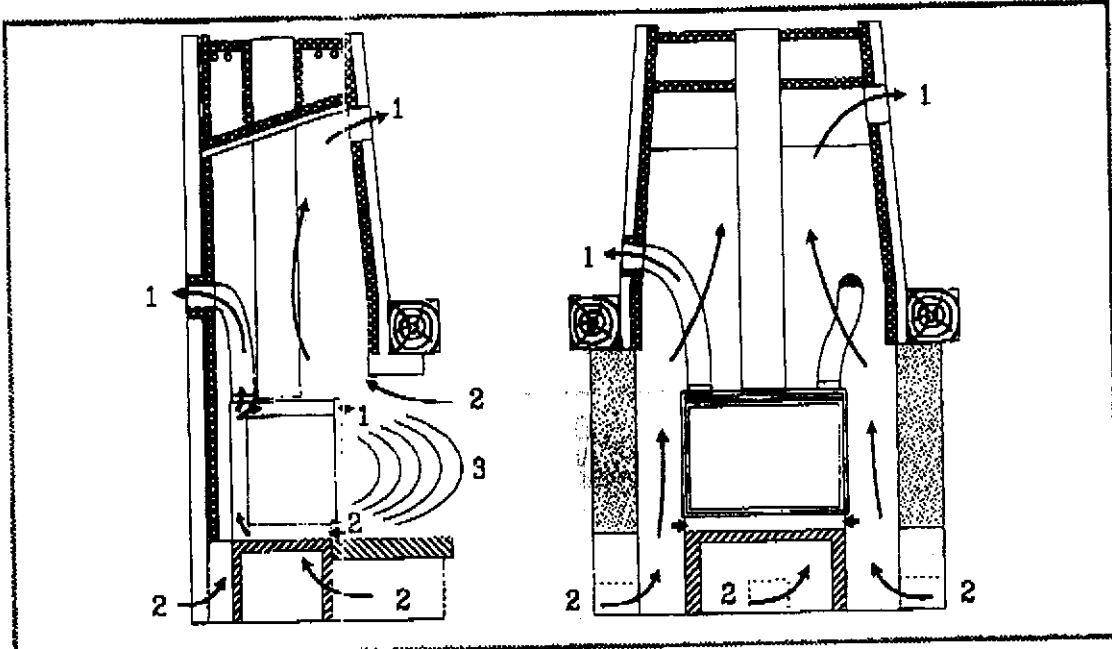


Fig. 12

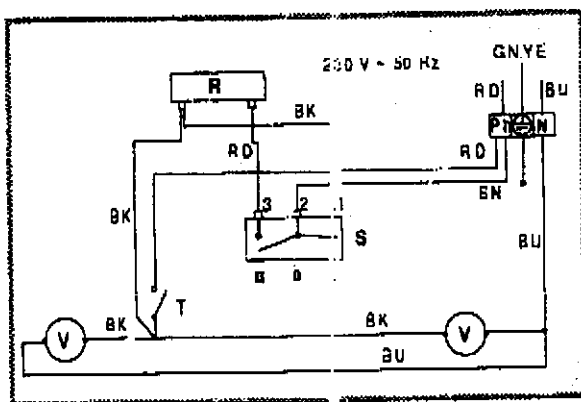


Fig. 13 - (réf. 634.10.33)

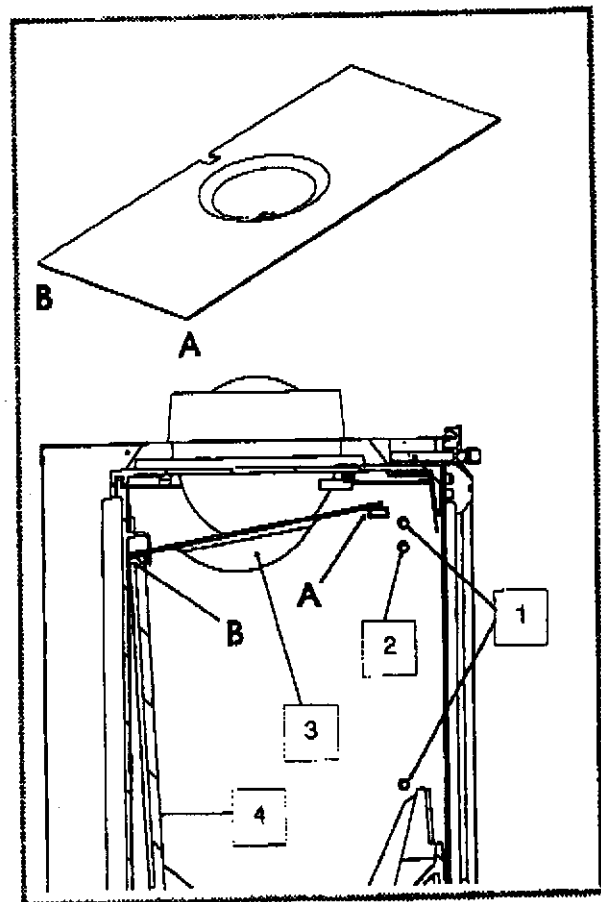


Fig. 14



## English

**Fig. 11 - Montage des buses d'air chaud****Fig. 12 - Principe de diffusion de la chaleur**

- 1 - Sortie d'air chaud de convection
- 2 - Entrée d'air frais de convection
- 3 - Rayonnement

**Fig. 13 - Câblage électrique (réf. 634.10.33)**

- R - Résistance  
 S - Sélecteur  
 T - Thermostat de sécurité  
 V - Ventilateurs  
 BU - bleu  
 BN - marron  
 BK - noir  
 RD - rouge  
 GNYE - vert/jaune

**Fig. 14 - Chicane de fumées et coupe schématique**

- 1 - Vis de fixation du gond de porte
- 2 - Vis de réglage de la porte
- 3 - Chicane
- 4 - Plaque d'âtre

**Fig. 15 - Vue éclatée de l'appareil**

Désignation p. 16

**Fig. 11 - Hot air outlets****Fig. 12 - Heating principle**

- 1 - Hot air diffusion
- 2 - Ambient air
- 3 - Radiation

**Fig. 13 - Electrical wiring (model 634.10.33)**

- R - Resistance  
 S - Switch  
 T - Safety thermostat  
 V - Fans  
 BU - blue  
 BN - brown  
 BK - black  
 RD - red  
 GNYE - green/yellow

**Fig. 14 - Flue baffle**

- 1 - Door hinge fixing screw.
- 2 - Door adjustment screw
- 3 - Flue baffle
- 4 - Hearth plate

**Fig. 15 - Exploded view**

Description p. 25

## spano

**Fig. 11 - Montage van de warmelucht verspreidingsbuisjes****Fig. 12 - Principe van uitstraling van de warmte**

- 1 - Uitgang warme convectielucht
- 2 - Ingang koude convectielucht
- 3 - Uitstraling

**Fig. 13 - Kableringsplan (ref. 634.10.33)**

- R - Weerstand  
 S - Schakelaar  
 T - Veiligheidsthermostaat  
 V - Ventilator  
 BU - blauw  
 BN - bruin  
 BK - zwart  
 RD - rood  
 GNYE - groen/geel

**Fig. 14 - Rookstootplaat**

- 1 - Bevestigingsschroef voor de deurscharnier.
- 2 - Stelschroef voor de deur.
- 3 - Keerplaat
- 4 - Haardplaat

**Fig. 15 - Wisselstukken**

Beschrijving bl. 21

**Fig. 11 - Montaje bocas aire caliente****Fig. 12 - Principio de la difusión del calor.**

- 1 - Salida de aire caliente de convección.
- 2 - Entrada de aire frío de convección.
- 3 - Radiación.

**Fig. 13 - Cableado (ref. 634.10.33)**

- R - Resistencia  
 S - Interruptor  
 T - Termostato de seguridad  
 V - Ventiladores  
 BU - azul  
 BN - cimarrón  
 BK - negro  
 RD - rojo  
 GNYE - verde/amarillo

**Fig. 14 - Deflector de Humos.**

- 1 - Tornillo de fijación del gosnio de puerta.
- 2 - Tornillo de ajuste de la puerta
- 3 - Cortahumos
- 4 - Placa hogar

**Fig. 15 - Despiece del aparato**

Denominación p. 30

English

# Insert fire - model 634.10.33 - model 634.10.34

## Save these instructions for future reference

### 1. Description of the unit

#### 1.1. Specifications

Model	634.10.33
	634.10.34
Normal heat output	
..... kW	10
..... Btu's	34130
Firebox dimensions	
width x depth x height	585x270x350 mm
Logs dimensions	50 cm
Ash pan capacity	4 litres
Weight	131 kg
Maximum burning period at minimum rate	7 h
Corrected heating volume	400 m <sup>3</sup>
Firebox draught at maximum rate	10 (1) Pa (mmCE)
Firebox draught at minimum rate	5 (0,5) Pa (mmCE)
Fans (model 634.10.33 only)	
- voltage (~ 50 Hz)	230 V
- Electrical power consumed	36 W

#### 1.2. Description

Insert fire, C G B sf In - NF D 35-375

**C** : Continuous-burning heating appliance.

**G** : Wood burnt on grate

**B** : Wood burning

**sf** : semi-close cast iron firebox with a decorated hearth plate and fire dogs.

**In** : Insert fire

• Hot air convector made of double stainless steel walls forming the heat exchanger.

• (model 634.10.33 only) Two fans functioning simultaneously with two manually related speeds, to regulate the heat output.

• A door made of "vitroc ceramic" glass which can resist to temperatures of up to 750° C and also acts as a sparks guard.

• Combustion speed regulated with an air flap situated on the main door.

• Draught flue damper with a frontal control.

#### 1.3. Working principle

The insert is made to fit into an existing chimney. It can also be used as the hearth of a chimney about to be built.

Strong heat will come through the glass door by radiation.

The air is collected at the bottom of the appliance around the ash pan, spreads around the fire where it becomes hot and is passed out at the top of the unit to convect its efficiently heated air around the room.

(model 634.10.33 only) The air leaving the heat exchanger is accelerated by the fans which allows the air to circulate around the room and allows and even and comfortable temperature. Protection of the fans is insured by the safety thermostat which triggers the maximum speed when the temperature is too high, whatever the initial setting of the selector.

The speed is regulated with the primary air flap situated on the main door.

A clever secondary air inlet around the glass door completes the combustion of volatile components and allows the door to remain clean.

The flue damper allows and even combustion speed depending on the chimney draught.

### 2. Installation instructions

The installation must be carried out according to local building regulations. Franco Belge's responsibility is limited to the supply of the appliance.

#### 2.1. Chimney built around the hearth

Follow the installation instructions provided by the chimney manufacturer.

- Avoid jamming the appliance in the hearth

- Check proper operation of the moving parts (flap, valve, door, etc.) to ensure they are not blocked by installation materials (plaster, cement, etc.).

**Remark** : The base of the fireplace must be completely level to avoid hampering the opening of the appliance's glazed door. Once the appliance has been placed on the base, check that the door opens without chafing.

- If it chafes, raise the appliance and, if necessary, turn the door adjustment screw.

#### 2.2. Insertion inside an existing chimney

Make sure hearth dimensions are sufficient (height : 589 mm, width : 711 mm and depth : 411 mm).

## General installation instructions

### The room

#### Ventilation :

For satisfactory operation with a natural draught, check that sufficient air for combustion is available in the room.

#### Chimney position :

For new chimney installations select a central position within the building, to provide a good heat distribution around the building.

#### Hearth :

The hearth must be suitable for use with solid fuel burning appliances and must comply with Current Building Regulations. If in doubt, consult your Dealer or local Building Inspector.

#### Rear wall and ceiling :

The appliance must not be positioned close to combustible materials, wall & ceiling surfaces etc., Consult your Dealer or local Building Inspector if in doubt.

#### Flue :

##### Existing flue :

- The flue must be in good condition and must provide sufficient draught.
- The flue must be suitable for the installation of solid fuel burning appliances and comply with Current Building Regulations.
- The flue must be clean. It should be swept to remove soot and dislodge tar deposits.

- The flue must be well insulated. If the flue inner wall surfaces are cold, a good thermal draw is impossible causing condensation problems (tar formation etc) to occur.

- The flue must not be shared with other appliances.
- The recommended minimum flue height is 5 metres.
- If the chimney has any down draught tendency, due to its position in relation to nearby obstacles, then an anti-down draught cowl must be installed on the chimney or the chimney height must be increased.
- If the decompression in the chimney is excessive, a draught stabiliser must be installed.

##### Chimney to be built / Flue non-existent :

- The flue must not be supported by the stove.
- Consult a chimney specialist for advice on suitable flue systems for solid fuel appliances.

##### Connection to flue :

- The stove must be installed as close as possible to the chimney.
- The stove should be connected to the flue by a smoke pipe, approved for installation with combustion products (e.g. stainless steel mm thick, 20g. or vitreous enamel.).
- Pipe diameter must not be less than the appliance flue outlet diameter.
- The connection can be either vertical or horizontal. For horizontal connections, avoid right angle bends.
- The join between the connection pipe and the stovepipe, and the flue, must be leak tight.
- The connection pipe and any draught stabiliser must have access for cleaning. □

### 2.2.1. Preparing the flue pipe (fig. 7)

If the existing chimney has a draught regulating system, it will have to be removed or sealed in the open position.

- Close the base of the throat of the chimney with a sheet-metal plate or masterboard which will have been drilled at the appropriate place and on which will be fitted a small collar of diameter 180 mm.
- Tightly fit the flue connection (X-577) from the stove to the small collar.
- If the floor of the hearth is rough, place a metal plate to ease the setting of the insert fire in the chimney.
- The fans must be plugged on 230 V. (model 634.10.33 only)

### 2.2.2. Preparing the insert fire (fig. 8)

When the chimney hearth height is less than 617 mm :

- Remove the glass door.
- Remove the flue damper control and flue damper (1 pin).
- Remove the flue collar (2 nuts).

### 2.2.3. Setting (fig. 10)

- Slide the insert fire in the chimney hearth by lining up the cast iron fascia with the front of the chimney casing.
- Replace the cast iron flue collar by fitting it in the flue pipe and temporarily refit the flue damper control.
- Refit the flue damper control and the flue damper. The handle of the flue damper control must point upwards when the damper is closed (fig. 9).

If there is space left between the inset fire and its housing, it must be concealed with decorative material such as tiles.

If the chimney has a wooden beam, it must be protected by fitting underneath it a metal strip with isolating fibre of air pocket between the beam and the strip.

## 2.3. Electrical connection

(model 634.10.33 only) Electrical connections should not be made until all other installation operations are completed (fixing, assembly, etc.).

This appliance complies with the low voltage directive 73/23/EEC and the electromagnetic compatibility directive 89/336/EEC.

The fans electrical requirement is 230 V ~ 50Hz. Plug in the power cable on a wall socket with a link to an

earth socket and protected by a 1 A fuse-wire.

**Important** : The power supply cable is resistant to temperatures of 300°C. Ensure that the same type of cable is used if it is replaced.

## 2.4. Hot air outlets

In the case of the insert fire being the hearth of a chimney to be built, it is possible to fit two outlets to diffuse air to adjacent rooms.

In this respect, remove the blanking plates on the casing on top of the appliance ; fit the flue collars supplied with the appliance.

- use insulated flexible pipe dia. 25 mm.
- avoid using pipes longer than 6 metres.

## 2.5. Flue baffle mounting

Install flue baffle (attached on hearth grate before leaving the plant) inside combustion chamber (Fig. 14).

- First slide section A over front dampers then lay section B on hearth decoration plate.

## 2.6. Door closing pressure

The closing latch rotates around a pressure screw positioned cam.

- Loosen pressure screw.
- Turn cam to desired position.
- Tighten pressure screw.

## 2.7. Maintenance of the chimney

**Very important** : In order to avoid any incident (chimney fire, etc...), maintenance tasks must be carried out regularly. If the appliance is used frequently, the chimney and the lower part of the hob where the flue pipe is connected must be swept several times a year.

The chimney must be checked out at least twice a year.

## 3. User instructions

### 3.1. Lighting

- Open the air regulation flap,
- Open the flue damper and loading door,
- Place the grate on crumpled up paper, some kindling and some hardwood of small diameter.

- Set light to the paper and close the glass door.

At the first lighting, the fire must be progressively increased to allow the various parts to expand normally and to dry up.

#### Fuel

##### Recommended fuel : Wood

- Use hard wood logs which have been cut for at least two years and stored under shelter.

- Hardwood has a higher calorific value per cu metre (oak, ash, maple, birch, elm, beech, etc.).

- Large logs must be split and cut to the usable length, before being stored in a sheltered and ventilated place.

##### Not recommended as fuel :

- "Green wood". Green or damp wood reduces stove efficiency and makes the window, the internal walls and the flue dirty (soot, tar, etc.).

- "Used timbers". Burning treated wood (railway sleepers, telegraph poles, offcuts of plywood or chip board, pallets, etc.) quickly clogs the flue ways (soot, tar, etc.), pollutes the environment (pollution and smell, etc.) and cause the fire to burn too quickly and overheat.

"Green wood" and "recovered wood" can eventually cause a chimney fire.

**Prohibited fuel** : Any form of bituminous coal or petroleum based coke. ☐

- When the wood is well lit partially close the air regulator, load the appliance without excess and close the flue damper.

**Note** : When the fire is lit for the first time, the stove may give off fumes from the new paint. This is normal but ensure the room is well ventilated during the first few hours operation.

### 3.2. Combustion

The appliance must function all door properly closed, the speed regulation being carried out using the air regulation on the ash pan door.

- Accelerated convection (model 634.10.33 only) : To obtain optimum heat output, switch the fans to speed I or II.

**Remark** : The safety thermostat protects the fans against overheating. It is not a control device.

### 3.3. De-ashing

Shake the live coal with the poker. Open the ash pan door and pick up the ash pan with the hand tool. Empty the ashes carefully. Ashes must be removed at least once every other day.

**Ashes must never be allowed to pile up to the grate.** the grate would not be cooling down and would rapidly deteriorate

### 3.4. Cleaning of the insert fire

- The appliance must be regularly cleaned
- Remove all deposits in the firebox and clean the movable fire grate.
- Cleaning of the glass door can be done with a soft cloth dampened with water and vinegar or potassium ; this must be done when the appliance is cold ; then rinse with clear water. Do not use abrasive cleaners.
- The "vitrocéramic" glass will resist to temperatures of up to 750 C. Should the glass break due to misuse, it must be replaced by the manufacturers own product.

- All the parts forming the casing can be rubbed with a slightly damp cloth. If condensation has occurred, do not wait before it has dried out to clean the soiled parts.

### Trouble Shooting

Problem	Probable causes	Corrective action
Fire difficult to start Fire goes out	Wood green, too damp or poor quality	- Use the recommended fuel.
	Logs are too big	- To light the fire, use small, very dry twigs. To maintain the fire, use split logs.
	Air starvation	- Open air control(s).
	Insufficient draught	- Open the flue damper* for a while. - Check that the flue is not obstructed, sweep it if necessary. - Seek advice from a chimney specialist.
Fire burns too quickly	Too much draught	- Partially close the air control.
	Excessive draw	- Ensure that the flue damper* is closed. - Install a draught stabiliser. Consult your Dealer.
	Poor quality wood	- Do not continuously burn small wood, sticks, bundles, carpentry offcuts (plywood, pallets), etc.
Smokes when lighting up	The flue damper* is closed	- Open the flue damper*.
	Flue duct is cold	- Burn paper and kindling wood to increase heat.
	Room is in decompression	- In houses equipped with mechanical ventilation, partly open a window until the fire is well established.
Smokes while burning	Draught is insufficient	- Open the flue damper* for a while. - Consult a chimney specialist. - Check that the flue is not obstructed, sweep if necessary
		Down draught
	Room is in decompression	- In houses equipped with CMV, an outside air intake must be installed for the chimney
Low heat output	Incorrect Fuels	- Use the recommended fuel

\* when a flue damper is supplied. □

### 4. List of components

For any order of spare parts, please indicate : model nr., code of the colour, description of the part, code number and colour index of the part.

Example : Insert 634.10.33, door 3C9876.

Qty = quantity per appliance

A = 634.10.33 B = 634.10.34

N°	Code	Description	A	B	Qty
0	988516	Complete fans	A		01
1	100915	Cam pin 12x20 M7	A	B	01
2	100999	Axle	A	B	01
3	106090	Junction block	A		02
4	109148	Wiring system	A		01
5	134253	Bushing	A	B	01
6	134705	Pin 6x4.5	A	B	01
7	134758	Pin 4 x18	A	B	01
8	139243	Switch	A		01
9	142316	Gasket 7x3	A	B	1,36 m
10	158618	Handle	A	B	01
11	162401	Descriptive plate	A		01
11	162434	Descriptive plate		B	01
12	165918	Resistance 1100 ohms	A		01
13	166035	Spring	A	B	01
14	179017	Thermostat	A		01
15	181615	Ceramic rope Ø 12	A	B	2,60 m
16	188508	Fan	A		02
17	188802	Glass 60x37x4	A	B	01
18	200176	Base	A	B	01
19	217125	Shell	A	B	01
20	217232	Top plate	A	B	01

21	222547	Flue baffle	A	B	01
23	241600	Support	A	B	02
24	255104	Grate droke	A		01
25	259015	Fixing plate	A	B	04
26	260570	Heat shield	A		02
27	271008	Bracket	A	B	01
28	278004	Plate	A	B	01
29	301538	Door lock	A	B	01
30	303841	Flue collar Ø 180	A	B	01
31	305147	Back wall RH	A	B	01
32	306271	Back wall LH	A	B	01
33	306802	Flue collar Ø 125	A	B	02
34	308293	Fire-dog grate	A	B	01
35	309876	Door	A	B	01
36	310208	Side panel LH	A	B	01
37	313813	Supplementary panel	A	B	01
38	314109	Hinge	A	B	01
39	319734	Grate support	A	B	01
40	320618	Sliding door	A	B	01
41	328110	Top plate	A	B	01
42	330007	Hearth plate	A	B	01
43	413007	Bracket	A	B	01
44	415504	Poker	A	B	01
45	224039	Ash-pan	A	B	01
46	649307	Slide plate	A	B	01
47	808001	Hand tool	A	B	01
48	900937	Knob	A	B	01
49	255202	Grate LH	A		01
50	109228	Cable 0,75 mm2	A		1,50 m
51	269418	Deflector	A	B	01
52	310298	Side panel RH	A	B	01
53	400106	Axle	A	B	01
54	109561	Cap	A		01

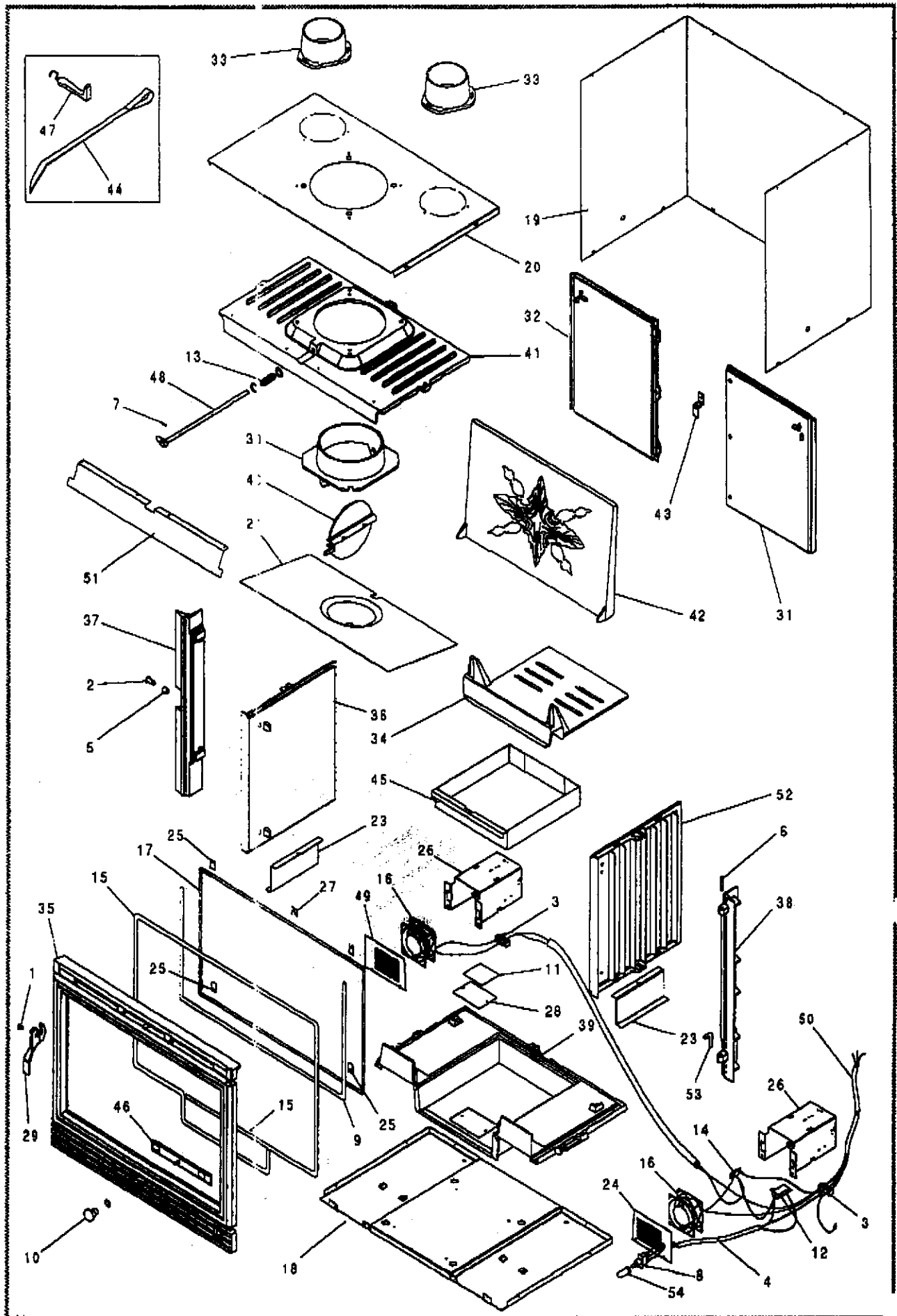


Fig. 15