Owners & Installation

Manual

FIREPLACES Chazelles

Chazelles C800L C800R

PLEASE KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE

WARNING:
Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Refer to this manual. For assistance or additional information consult an authorised installer.

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IMPORTANT

Please read this manual before installing and operating the Chazelles Fireplace. Failure to follow these instructions may lead to a possible fire hazard and will void the warranty. Fireplace is to be installed by a qualified licensed installer.

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GENERAL INFORMATION

Thank you for purchasing a
CHAZELLES FIREPLACE PRODUCT

The Chazelles Wood Burning Central Heating Fireplace is designed to heat your house through Radiant, Convection Heat as well as the Basic Heat Kit System if supplied (depending on model). An optional Air Ducting System can be installed also. The fireplace is designed to burn hardwood only. This appliance requires a flue and must be installed into a non combustible cavity by a Qualified Licensed Installer.

SAFETY NOTE

If this wood fireplace is not properly installed, a house fire may result. For your safety, follow the installation instructions, building codes, or authority having jurisdiction about restrictions and installation requirements.

DO NOT BURN (WILL VOID WARRANTY):

- Treated Wood
- Cardboard
- Tea Tree
- Solvents
- Oil Based Woods
- Coloured Paper
- Coal
- Garbage
- Unseasoned Wood

⚠ WARNING

HOT GLASS WILL CAUSE BURNS.

DO NOT TOUCH GLASS UNTIL COOLED.

NEVER ALLOW CHILDREN TO TOUCH GLASS.

⚠ WARNING

ONLY CLEAN APPLICANCE WITH A DAMP CLOTH.

(NEVER WHEN UNIT IS HOT).

DO NOT USE ANY ABRASIVE CLEANERS.

GENERAL INFORMATION

SAFETY PRECAUTIONS

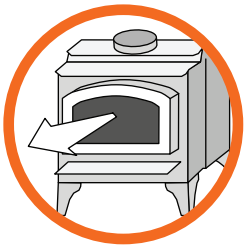
This appliance is designed and approved for the burning of **hardwood only**. Do not attempt to burn any other type of fuel other than hardwood in this appliance, it will void all warranties and safety listings.

Gasoline or other flammable liquids must never be used to start the fire or "Freshen Up" the Do not store or use gasoline or other flammable liquids in the vicinity of this appliance.

Do not touch the appliance while it is hot and educate all children of the danger of a high temperature appliance. Young children should be supervised when they are in the same room as the appliance at all times.

Ashes must be disposed in a metal container with a tight lid and placed on a non-combustible surface well away from the home or structure.

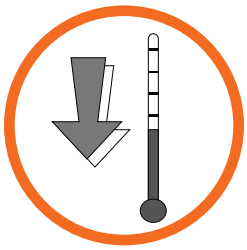
This appliance must be properly installed to prevent the possibility of a house fire. The instructions must be strictly adhered to. Do not use makeshift methods or compromise in the installation.



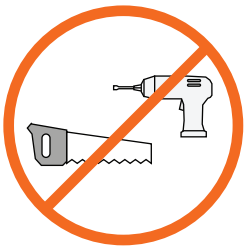
Keep items of furniture, drapes, curtains,wood, paper and other combustibles away from the front of the appliance at a minimum distance of 1.5 metres.

Never try to repair or replace any part of this appliance unless instructions are given in this manual. All other work must be done by a trained technician.

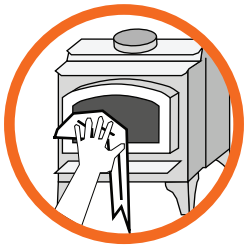
Overfiring the appliance may cause a house fire and damage the fireplace.



Allow the appliance to cool before carrying out any maintenance or cleaning.



Do not make any changes or make any modifications to an existing masonry fireplace or chimney to install this appliance. Do not make any changes to the appliance to increase combustion air.



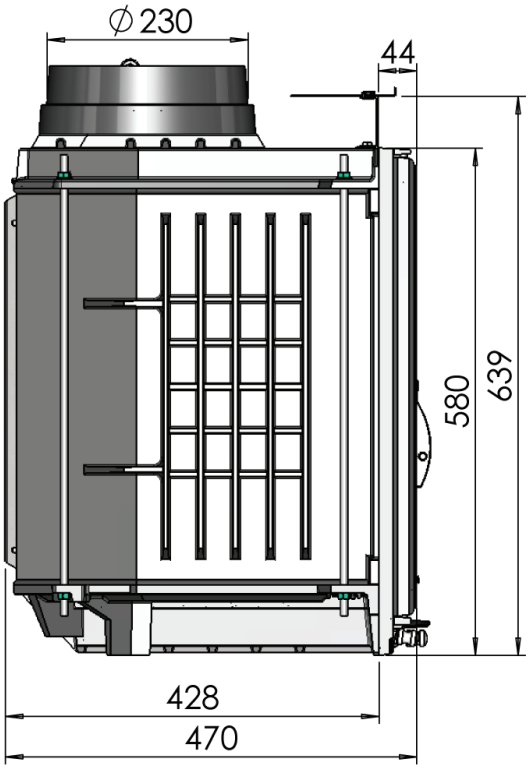
Maintain the door and glass seal and keep them in good condition. Do not operate this heater with broken or missing glass. Avoid placing wood against the glass when loading. Do not slam the door or strike the glass.

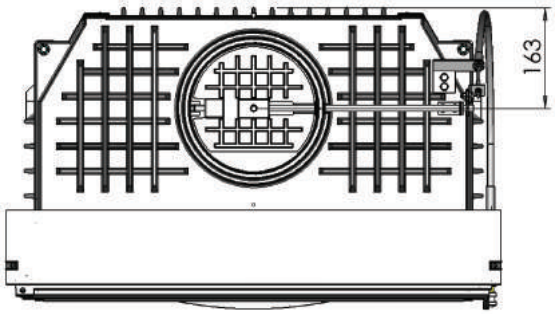
Do not throw this manual away. It has important operating and maintenance instructions that you will need at a later time. Always follow the instructions listed in this manual.

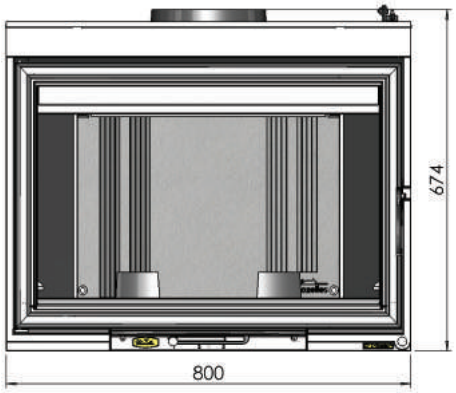
GENERAL INFORMATION

SPECIFICATIONS C800L

Cheminées de Chazelles	
	DESIGN C800L
Code:	FOYC800L000
Matière:	Foyer fonte
Poids:	140kg

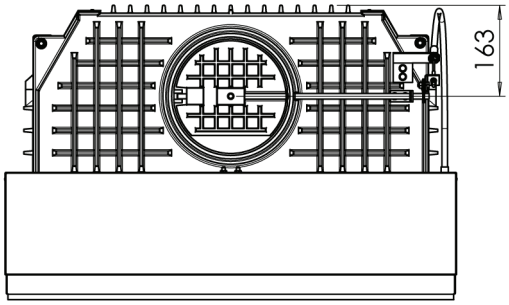


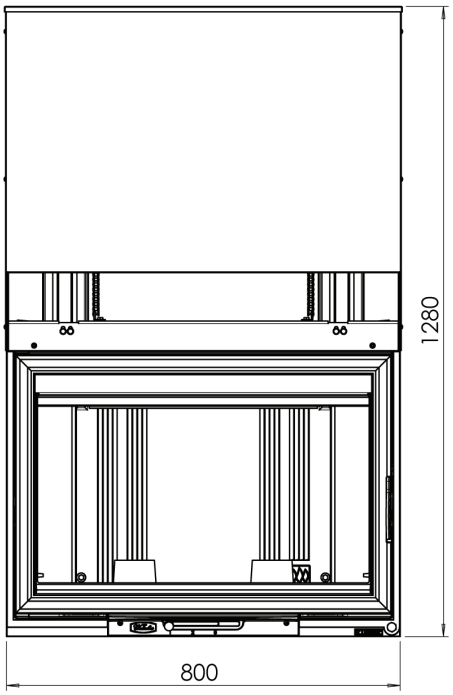


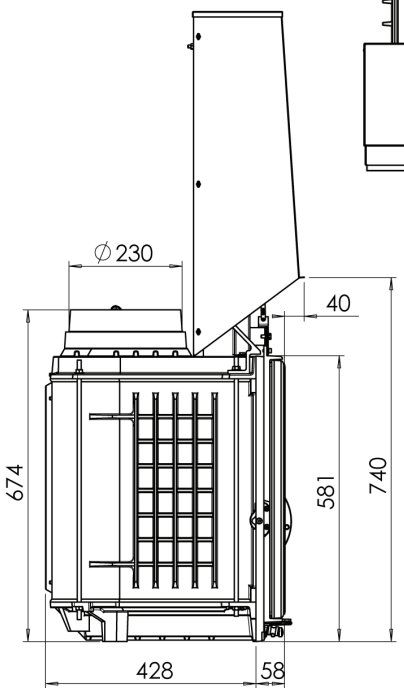


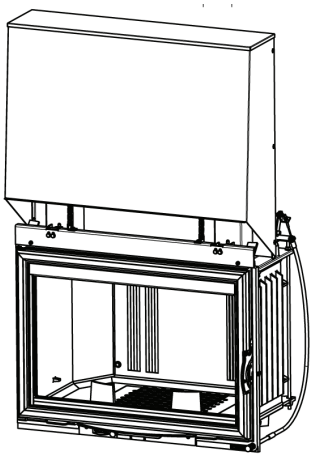
SPECIFICATIONS C800R

Cheminées de Chazelles	
	DESIGN C800R
Code:	FOYC800R000
Matière:	Foyer fonte
Poids:	209kg









FIREPLACE and FLUE SYSTEM INSTALLATION

TO BE INSTALLED BY A QUALIFIED AND LICENSED INSTALLER

Chazelles Fireplaces are constructed with the highest quality materials and assembled under strict quality control procedures that ensure years of trouble free and reliable performance.

It is important that you read this manual thoroughly and fully understand the safe installation and operating procedures. The more you understand the way your Chazelles Fireplace operates, the more enjoyment you will experience from knowing that your unit is operating at peak performance.

Heating capacity will vary depending on the home's floor plan, degree of insulation, and the outside temperature. It is also affected by the quality and moisture level of the fuel.

BEFORE INSTALLING YOUR FIREPLACE

Please read this entire manual before you install and use your new wood fireplace. Failure to follow instructions may result in property damage, bodily injury or even death. Install and use only in accordance with manufacturer's installation and operating instructions.

WARNING: Careless installation is the major cause of safety hazard. Check all local building and safety codes before installation of unit.

IMPORTANT NOTES

It is the installers responsibility to carefully check the vertical and/or lateral operation of the door several times before enclosing the firebox. Door alignment/level must also be carefully checked as the counterweight mechanism may require realignment due to careless transport.

The Chazelles fireplace must be installed by a qualified person. Fireplace must be installed into a fully non combustible fireplace construction on all surfaces surrounding the fireplace, from floor to ceiling, eg top, bottom, sides, back. Materials to be used can be brick, concrete, masonary blocks, hebel blocks/panels, compressed fibro, promat.

DO NOT USE TIMBER FRAMING, USE METAL FRAMING WHEN NECESSARY.

The flooring must have adequate weight-bearing capacity. It must be level and incombustible. Fireplace must sit level on a solid concrete hearth. Timber floors may require additional reinforcement.

The fireplace is not designed to support any structure or framing.

Allow a minimum 3 to 5mm clearance between the firebox and the finished fireplace opening to allow for expansion.

Thermal insulation (fire rock rockwool) shall be heat resistant with aluminium foil adhered to one face. Minimum thermal resistance of 0.7m2.k/w at 50 degrees Celsius (or of 0.4m2.k/w at 200 degrees Celsius) classed as A1 or at least M0 or A2-s1. (Equivalent to 30mm of fibrous insulator of a density less than 100 kg/m3 with aluminium foil or self supporting high temperature structural insulators made of calcium silicate) Aluminium foil should always be on heat side. Fire rock Rockwool will cover back, front & sides of the fireplace structure from base to ceiling. Thermal insulation is absolutely essential in the case of light structure. However, in all cases the insulation is recommended in order to avoid heat loss.

FIREPLACE and FLUE SYSTEM INSTALLATION

STANDARD INSTALLATION - *Please read instructions before assembly*

1. If applicable, do not remove shipping screws and make sure door is closed while moving /transporting fireplace.
2. Position the fireplace on the hearth in the position you desire. Remove the shipping screws
3. Inspect, check and operate door and air damper control.
4. Confirm all fireplace clearances are as specified by the manufacturer.
5. Install flue system. The performance of your wood fireplace is governed to a very large part by the flue system. Do not connect flue to another flue serving another appliance.
6. Avoid using 45 degree flue bend straight off top of fireplace. The recommended minimum length is 800mm.

THE APPLIANCE AND FLUE-SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH AS/NZS 2918:2001 AND THE APPROPRIATE REQUIREMENTS OF THE RELEVANT BUILDING CODE OR CODES. APPLIANCES INSTALLED IN ACCORDANCE WITH THIS STANDARD SHALL COMPLY WITH THE REQUIREMENTS OF AS/NZS 4013 WHERE REQUIRED BY THE REGULATORY AUTHORITY. ANY MODIFICATION OF THE APPLIANCE THAT HAS NOT BEEN APPROVED IN WRITING BY THE TESTING AUTHORITY IS CONSIDERED TO BE IN BREACH OF THE APPROVAL GRANTED FOR COMPLIANCE WITH AS/NZS 4013.

CAUTION: MIXING OF APPLIANCE OR FLUE-SYSTEM COMPONENTS FROM DIFFERENT SOURCES OR MODIFYING THE DIMENSIONAL SPECIFICATION OF COMPONENTS MAY RESULT IN HAZARDOUS CONDITIONS. WHERE SUCH ACTION IS CONSIDERED, THE MANUFACTURER SHOULD BE CONSULTED IN THE FIRST INSTANCE.

DEFLECTOR INSTALLATION

The deflector shall be Firerock Rockwool rigid bats or metal sheet 20 gauge minimum with Firerock Rockwool 30mm on top or Hebel power panels 75mm with Firerock Rockwool on top or Compress Fibro minimum 20mm with Firerock Rockwool secured underneath.

IMPORTANT: Seal around the perimeter of the deflector & around the S/Steel flue with fireproof silicone or casting plaster and hemp. Repeat the same around the perimeter of the ø 150 flex aluminium duct connected to the Hot Air Ducting System Fan. This will prevent the loss of convective heat through the deflector.

WARNING: It is the installers responsibility to check that the door is working correctly several times before enclosing the fireplace. Shipping screws to be removed only when the fireplace has been situated and levelled in desired location.

IMPORTANT C800R: If a counter weight or chain jammed during careless transportation of the unit into the house, remove the top metal cover to access chain(s) and sprocket(s), realign the chain(s) in order to get the door frame leveled with the firebox metal casing.

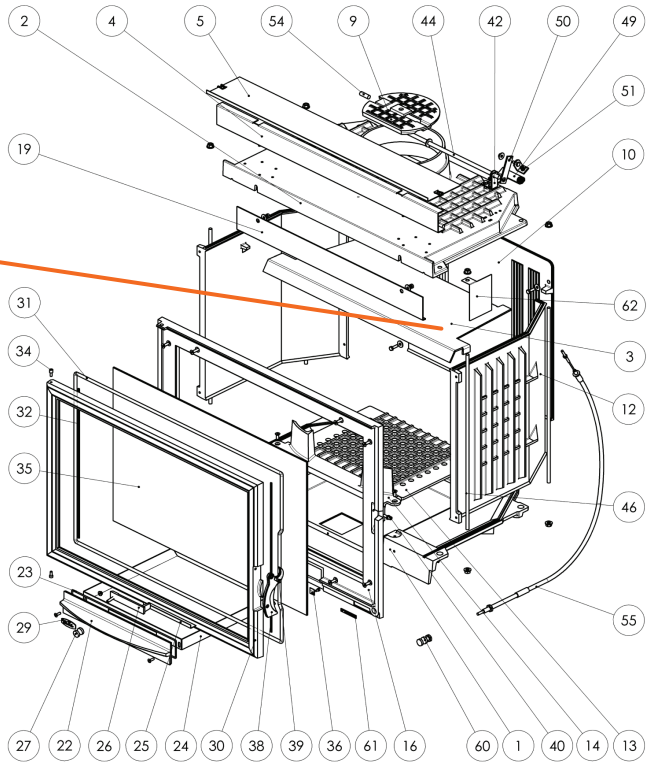
NOTICE DESIGN C800L / C800R *- For Qualified and Licensed Installers Only*

NOTE: INTERNAL UNIT DEFLECTOR INSTALLATION

For transport reasons, the internal deflector is sometimes not installed into the appliance. Its installation is essential to ensure the proper operation of the unit. See technical drawings below.

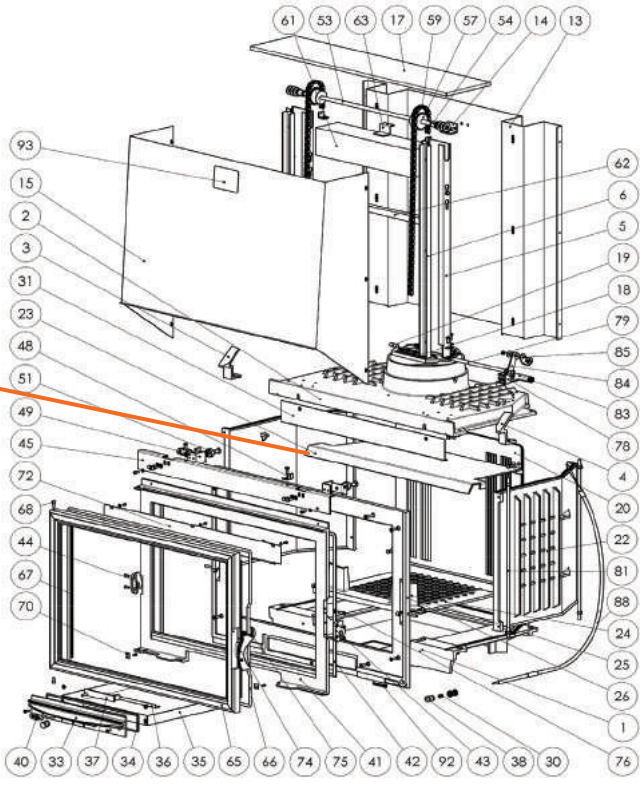
INSERT C800L

DEFLECTOR 3



INSERT C800R

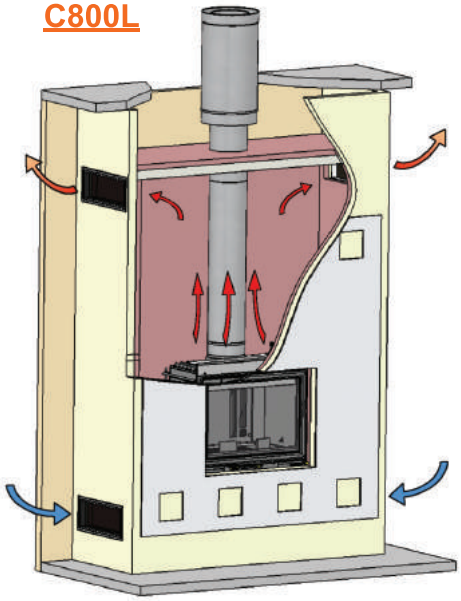
DEFLECTOR 23



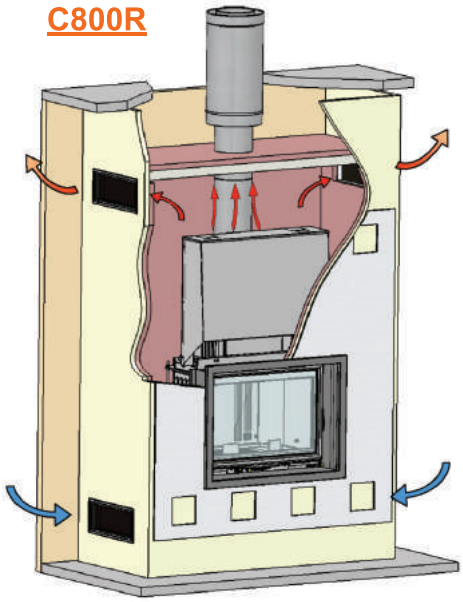
FIREPLACE and FLUE SYSTEM INSTALLATION

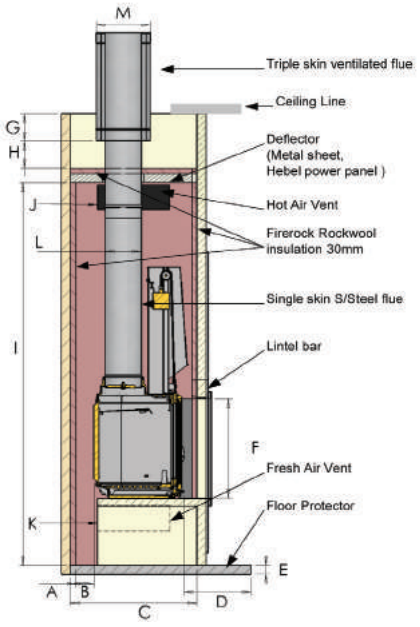
TYPICAL IN-BUILT MASONRY INSTALLATION

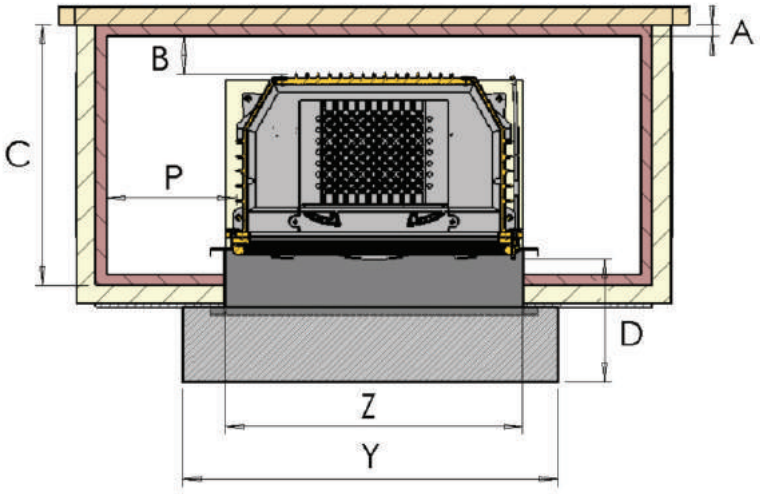
C800L



C800R







	C800L	C800R
A	30	30
B *	125	125
C *	626	711
D *	600	600
E *	75	100
F *	590	550
G *	150	150
H *	150	150
I *	1800	1800
J *	2x350cm2	2x350cm2
K*	2x350cm2	2x350cm2
L	ø 230	ø 230
M	ø 330	ø 330
P*	100	100
Y*	1100	1100
Z*	800	800

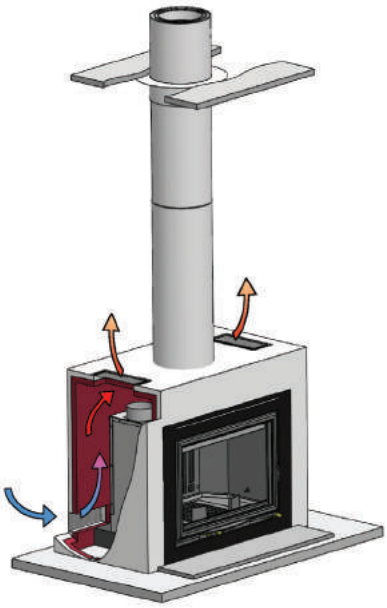
* Minimum sizes

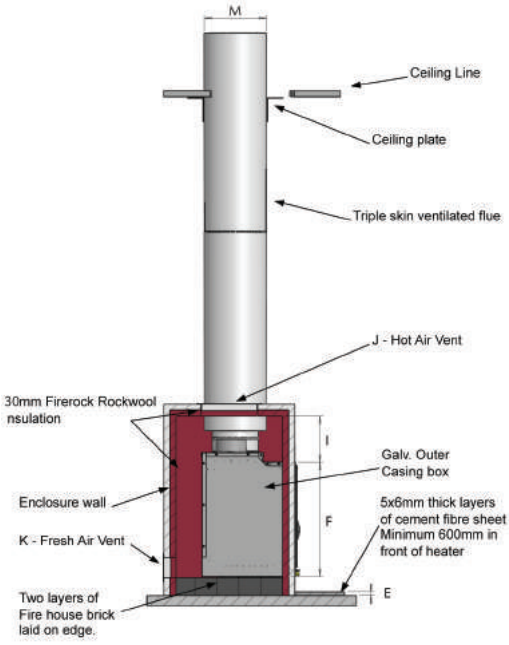
THE APPLIANCE AND FLUE-SYSTEM MUST BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF AS/NZ 2918-2001 AND THE APPROPRIATE REQUIREMENTS OF THE RELEVANT BUILDING CODE OF AUSTRALIA. IN ALL CASES AS/NZS 2918 SHOULD BE REFERRED TO FOR CONFIRMATION OF ANY INSTALLATION REQUIREMENTS.

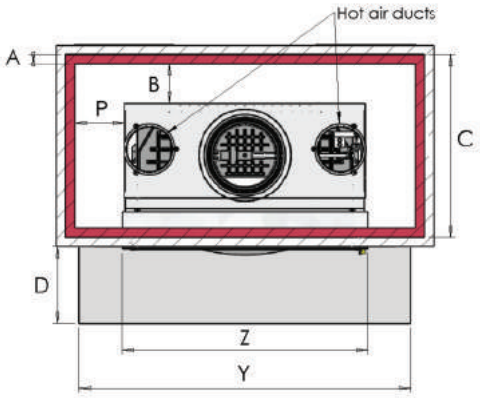
TO BE INSTALLED BY A QUALIFIED LICENSED INSTALLER

TYPICAL 'ZERO CLEARANCE' INSTALLATION

C800L



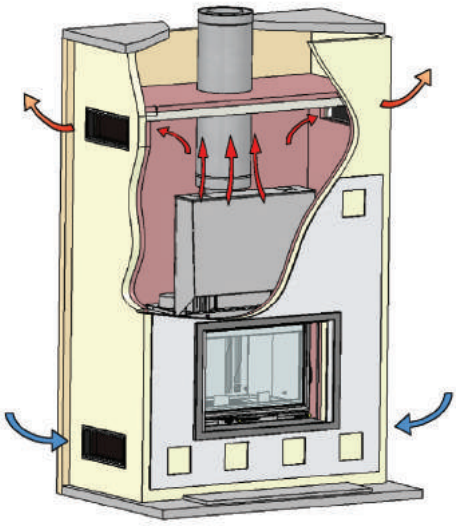


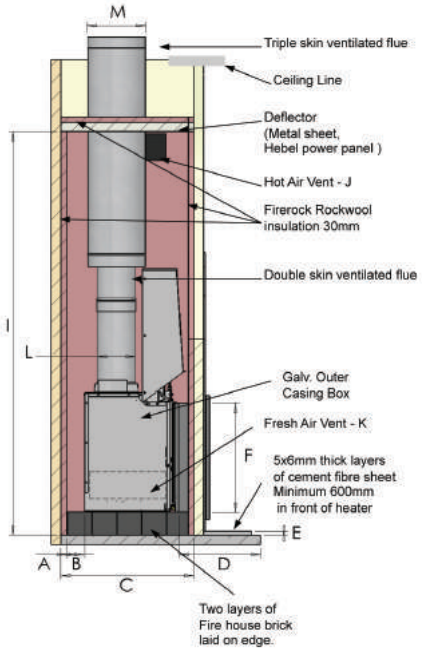


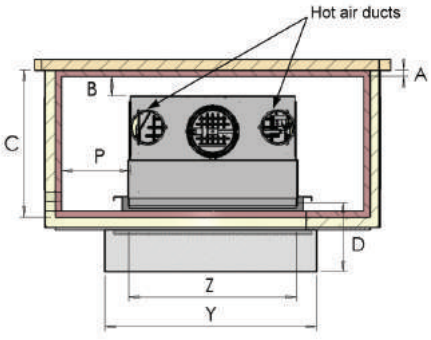
	C800L	C800R
A	30	30
B *	125	125
C *	656	711
D *	600	600
E *	30	30
F *	590	590
I *	100	1800
J *	2x450cm2	2x450cm2
K *	2x450cm2	2x450cm2
L		ø 280
M	ø 330	ø 330
P *	100	100
Y *	1100	1100
Z *	800	800

* Minimum sizes

C800R







C800L and C800R tested AS/NZS 2918:2001. Test Report Nº HCMG/09/001.
Must be installed with a Chazelles triple skin flue system and Zero Clearance galv.Box. Floor area of the ZC enclosure upon which the appliance is positioned comprised 2 layers of fired house bricks on edge. Minimum 600mm deep x 1080mm wide x 30mm thick floor protector in front of the unit. All the enclosure lined with 30mm Firerock Rockwool insulation. No heat affected material is to be used within the enclosure walls and top structure.

TO BE INSTALLED BY A QUALIFIED LICENSED INSTALLER

FIREPLACE and FLUE SYSTEM INSTALLATION

AIR SUPPLY AND VENTILATION

Our products have very high output power and must be installed as per manufacturer instructions.

Failing to provide air input around the base level of the fireplace and out air output on top will prevent our product to work efficiently, will damage the unit and will void the warranty.

FRESH AIR SUPPLY (LOWER VENTS)

Fresh air supply at the base level on sides, front or underneath the unit pending on the installation and design of the fireplace surround.

Total minimum section for the vent(s) 700 cm2 in 1 or more vents. Bigger section will be better.

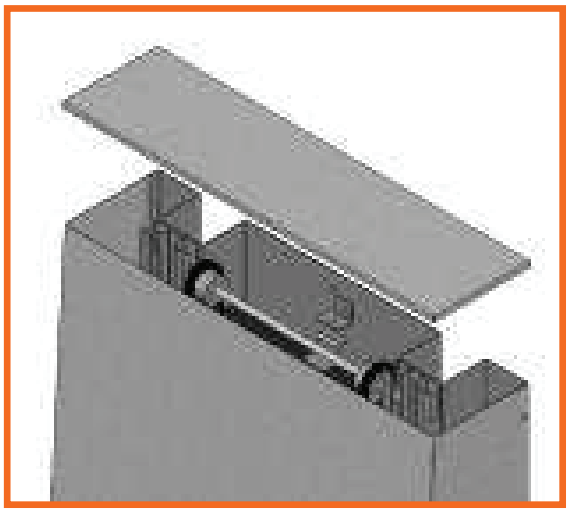
HOT AIR OUTLETS (UPPER VENTS)

Same size grate(s) or vent(s) should be used on top front or side of the fireplace structure **JUST BELOW** the internal deflector. Total minimum section for the vent(s) 700 cm2 in 1 or more vents.

CHECKING THE DOOR RAISING AND ROTATION MECHANISM (DEPENDING ON VERSION OF PRODUCT)

In order to ensure the raising mechanism is operating correctly, it is necessary to release the counterweight as follows:

- Lift the top cover to access retaining bolt for counterweight system.
- Remove the screw from the counterweight.
- Check the vertical operation of the raising mechanism.
- Refit the cover on the hood shutter.



For transport reasons, the counterweight is bolted to the frame.
It must be released to enable operation and check correct function.

ACCESS PANEL

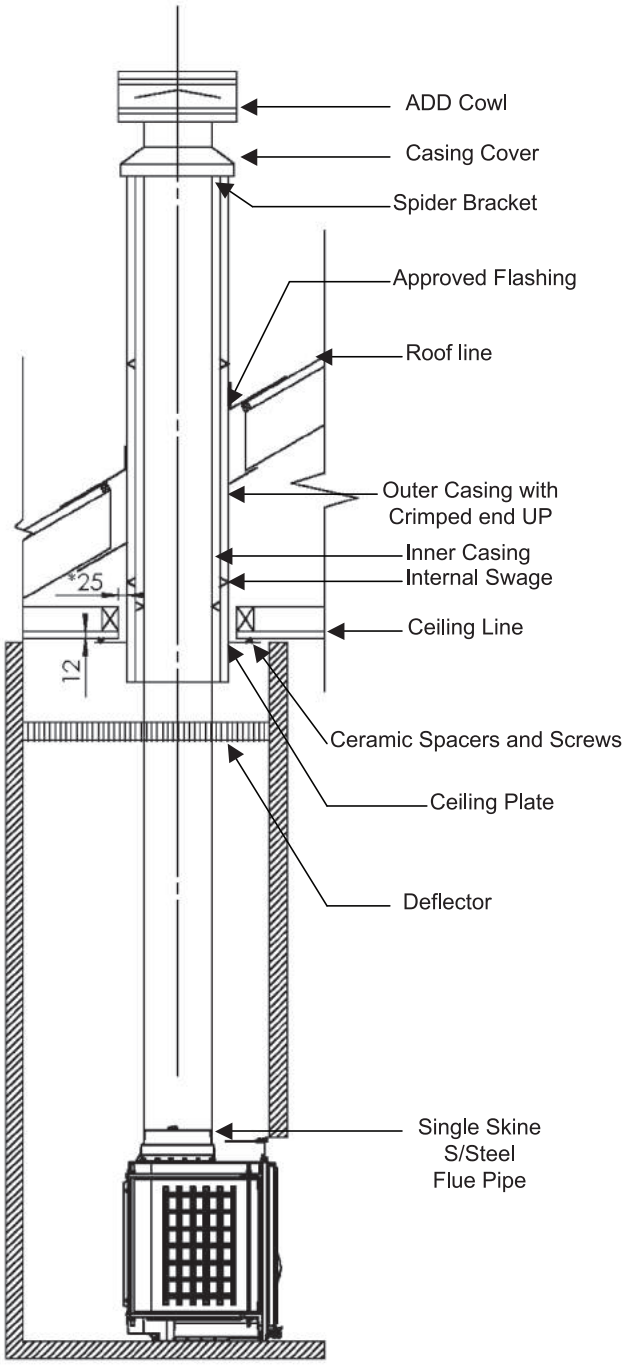
When possible it is recommended to install an access/service panel on side/ front or back of the fireplace structure to allow any maintenance inside the fireplace cavity or any work on the counter weight system.

FLUE SYSTEM INSTALLATION

Single skin flue in S/Steel (minimum 0.5 mm thickness) shall only be used when the fireplace and chimney structure continue above the roof. Crimped end down.

Triple skin flues (Modular air flow) shall be used when the fireplace structure terminates at ceiling level (read " Flue Penetration "). Crimped end up.

FLUE PENETRATION



*** Minimum Sizes**
Minimum Flue Length: 4.0 Metres

IMPORTANT

THIS DRAWING IS MEANT A GUIDE
HEATERS SHOULD BE ISTALLED BY A QUALIFIED PERSON.

INSTALLATION INSTRUCTIONS

1 READ BROCHURE AND POSTION STOVE

2 MARK CIRCLE ON CEILING

3 CUT AWAY CEILING USING A SHARP KNIFE TO SCORE SURFACE FIRST THEN USE A KEYHOLE SAW OR JIG SAW TO FINISH OUT.

4 BEFORE CUTTING CEILING TRY TO DETERMINE POSITIONS OF NOGGINS TO AVOID CUTTING.

5 DRILL3/16 HOLE IN SUPPORT ANGLES AND CEILING CAP.POSITION THE HOLE SOTHAT THE CEILING CAP WILL PROTRUDE A MINIMUM OF 150 MM BELOW THE CEILING.

6 PLACE CEILING CAP UNIT IN CENTRE OF HOLE MAKING SURE IT IS 40 MM FROM COMBUSTIBLES AND FIX SUPPORT ANGLES TO NOGGIN WITH NAILS OR SCREWS.

7 ADD CEILING COLLAR (SPLIT RING) AGAINST CEILING CAP COLLAR IS USED FOR FLAT OR SLOPED.
CEILING BY PULLING TIGHT AS POSSIBLE AND FIX WITH POP RIVET.ROP CEILING COLLAR 12 MM FROM CEILING LINE.

8 PLACE MID LOCATING RING INTO CEILING CAP.

9 FEED S/ST THROUGH LOCATING RING PLACE COVER CONE & COWL. FIX WITH POP RIVETS.

FLUE PENETRATION

FLUE PENETRATION

AS/NZS2918-2001

Un-tested flue with slopped celling penetration greater than 30° from horizontal.

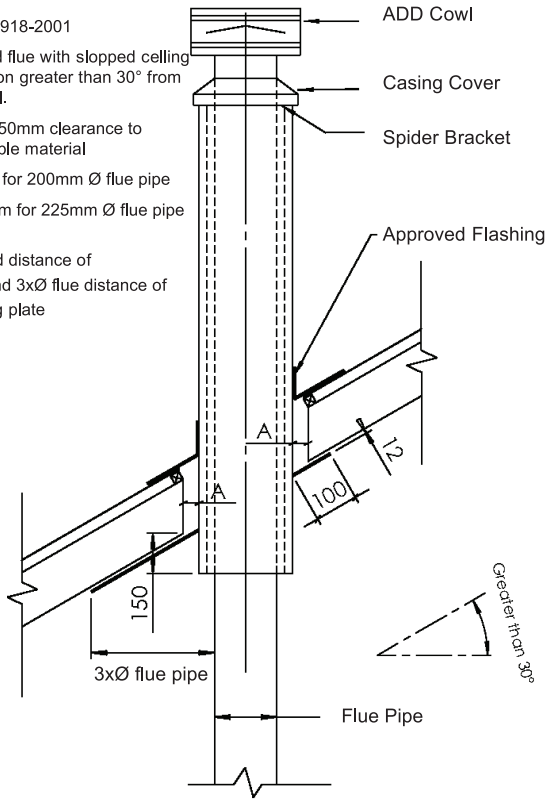
4.5.1(b)=50mm clearance to combustible material

A=50mm for 200mm Ø flue pipe

A=62.5mm for 225mm Ø flue pipe

4.6.3(b)

Downwad distance of casing and 3xØ flue distance of the celing plate



AS/NZS2918-2001

Un-tested flue with slopped celling penetration greater than 30° from horizontal.

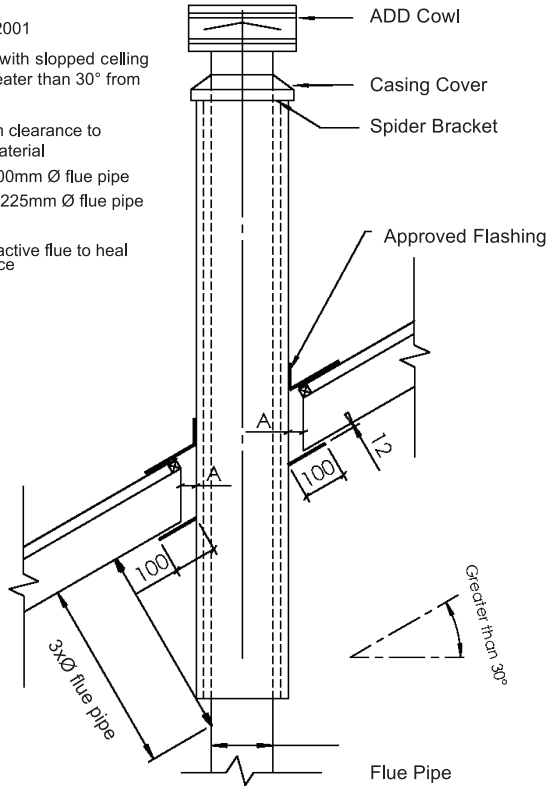
4.5.1(b)=50mm clearance to combustible material

A=50mm for 200mm Ø flue pipe

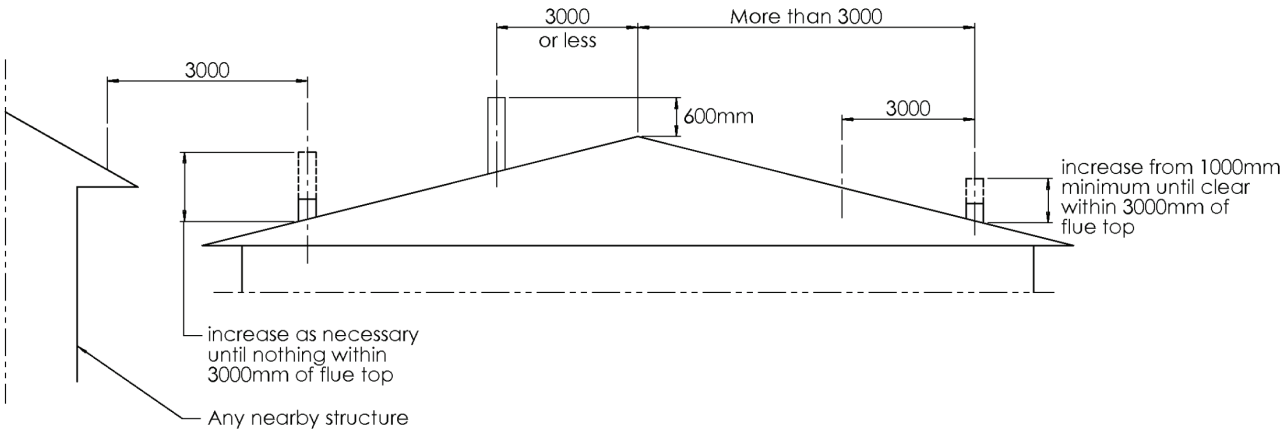
A=62.5mm for 225mm Ø flue pipe

4.6.3(b)

3xØ flue from active flue to heal sensitive surface



MINIMUM HEIGHT OF FLUE SYSTEME EXIT



THE MAXIMUM HARDWOOD LOADING CHARGE MUST NOT EXCEED 12KG FOR C800L AND C800R. OVERLOADING WILL DAMAGE SOME FIREBOX COMPONENTS AND WILL VOID THE WARRANTY.

Use very dry wood (15% humidity maximum) with 2 years covered storage after cutting in order to obtain the best efficiency and avoid rapid stains on the window. We strongly advise you to comply with the product specifications in order to ensure a maximum lifespan.

The performance of your wood fire is governed to a very large part by the flue system. Too short a flue can cause difficult start-up, dirty glass, backsmoking when door is open, and even reduced heat output. Too tall a flue may prompt excessive draft which can result in very short burn times and excessive heat output which may damage the fireplace.

CONTROLS

Controls (depending on version of product)
Accessories are at your disposal - use them to avoid getting burnt!

The “cool hand” necessary for opening the door and setting the dampers.

The scraper (supplied depending on model): for removing ashes and cleaning the appliance.

BEFORE USING YOUR CHAZELLES FIREPLACE

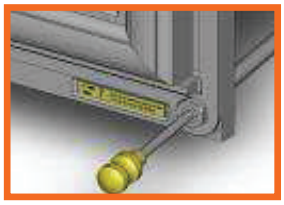
Although your fireplace may appear to have dried out, it is essential to wait 3 to 4 weeks after completing installation to ensure the moisture evaporates from all parts (connections, flue, stone covering, hood, etc) before lighting your first fire.

Once this has passed, it is recommended you lite your first fire with a moderate amount of wood and a reduce opening of the air intake to limit the intensity of the fire and for a maximum 3 hours. This will allow a progressive rise in temperature with the fireplace and other elements, to avoid rapid expansion of the materials and thermal shock. This is recommended for the first 10 fires to finalise the drying process.

During initial use, there may be an unpleasant smell from the unit, caused by surplus paint. Please ventilate the room as the smell will disappear after a few fires.

STARTING YOUR FIRE - (hardwood timber is only to be used)

1. Open the door.
2. Open air inlet and draft damper.



3. Place firelighter on the base of the fireplace.
4. Place small twigs and then small branches no larger than 3 cm in diameter.
6. Ignite the firelighter.

Once fire is lit, leave the door open approx. 20mm to accelerate the burning process for 10 minutes maximum or as needed.

Once the fire is well alight, open the door and add larger pieces of wood. Do not add too many pieces of wood as this will suffocate the fire. Observe the maximum loading charge for this appliance.

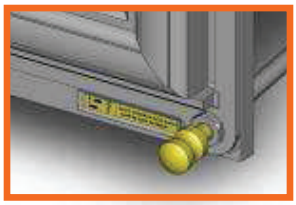
Use the air intake control and damper (if applicable) to achieve your desired power.

NOTE – if model is fitted with damper

if the fire place is being used with the door open, make sure the damper is fully open otherwise smoke will not go up flue system and room with be filled with smoke.

If the fireplace door is closed and you wish to reload, it is important to fully open the damper then raise the door 20mm approx for a little while to allow the draught to get going in the fireplace and then slowly open the door fully. This will minimise smoke or ash particles entering the room.

To ensure maximum performance for your fireplace, it is always recommended to keep a close eye on it. The lower lever beside the door on the right hand side operates the damper.



Draft damper regulating mechanism control

The purpose of the draft damper‘s regulating mechanism is to regulate draft. Its different settings act upon smoke output, enabling selection of fire intensity and level of power desired.

CREOSOTE - FORMATION AND NEED FOR REMOVAL

When wood is burned slowly, it produces tar and other organic vapours, which combine with expelled moisture to form creosote. The creosote vapours condense in the relatively cool chimney flue of a slow-burning fire. As a result, creosote residue accumulates on the flue lining. When ignited, this creosote makes an extremely hot fire. The chimney and chimney connector should be inspected at least once every two months during the heating season to determine if a creosote buildup has occurred. If creosote has accumulated, it should be removed to reduce the risk of a chimney fire.

If you are not certain of creosote inspection, contact your local chimney sweeper for a full inspection. Excess creosote buildup may cause a chimney fire, that may result in property damage, injury, or death.

Operating this appliance continually at a low burn rate (air starvation) or using green (un-seasoned) wood will increase the formation of creosote.

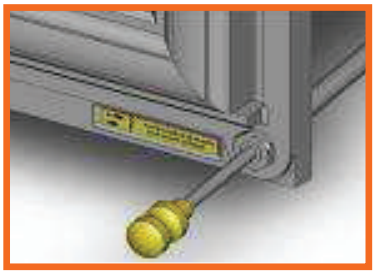
CONTROLLING YOUR FIRE

The desired heat is obtained by controlling the air intake and damper and selecting a wood load in line with your needs.

For maximum heating

Once the fireplace is lit, load the fireplace with 3 logs with diameters no larger than 10cm. Air intake position 3 and damper closed (if applicable).

Primary air damper in position 3 and draft shutter fully open. Only use this brightness temporarily, to raise the temperature of the premises after prolonged absence.

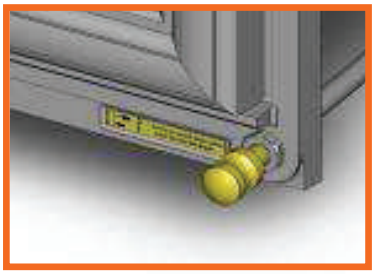


For less intense heat

Use a lesser load, 1 to 2 logs.

Primary air damper in position 2 and draft shutter closed.

To maintain ambient temperature, for example.

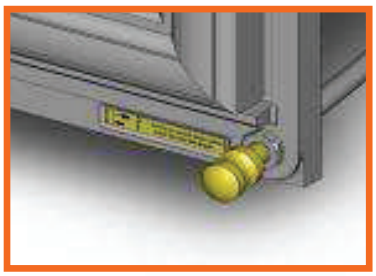


For longer period heating

Use 1 or 2 unsplit logs with a diameter of approx 13cm on a bed of almost dead embers.

Primary air damper in position 1 and draft shutter closed.

Use this brightness only temporarily, at night for example.



OPERATING INSTRUCTIONS

NOTE: DO NOT OPERATE THE FIREPLACE **ALL THE TIME** WITH THE DOOR SLIGHTLY OPEN UP. WITH THE DOOR UP A FEW CENTIMETRES WILL HELP START THE FIRE MORE QUICKLY AND INCREASE THE COMBUSTION, BUT WILL DAMAGE THE CERAMIC ROPE AND DOOR FRAME BY OVER HEATING IF OPERATED THIS WAY ALL THE TIME.

Never use gasoline, gasoline-type lantern fuel, kerosene, charcoal lighter fluid, or similar liquids to start or "freshen up" a fire in this stove. Keep all such liquids well away from the stove while it is in use.

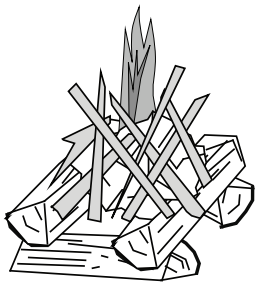
DO NOT USE CHEMICALS OR FLUIDS TO START THE FIRE. DO NOT BURN GARBAGE OR FLAMMABLE FLUIDS SUCH AS GASOLINE, NAPHTHA OR ENGINE OIL. Do not place such fuel within space heater installation clearances or with in the space required for charging and ash removal.

If using a firestarter, use only products specifically designed for stoves - follow the manufacturer's instructions carefully.

HOT WHILE IN OPERATION. KEEP CHILDREN, CLOTHING AND FURNITURE AWAY. CONTACT MAY CAUSE SKIN BURNS.

Starting a "Top-Down Fire"

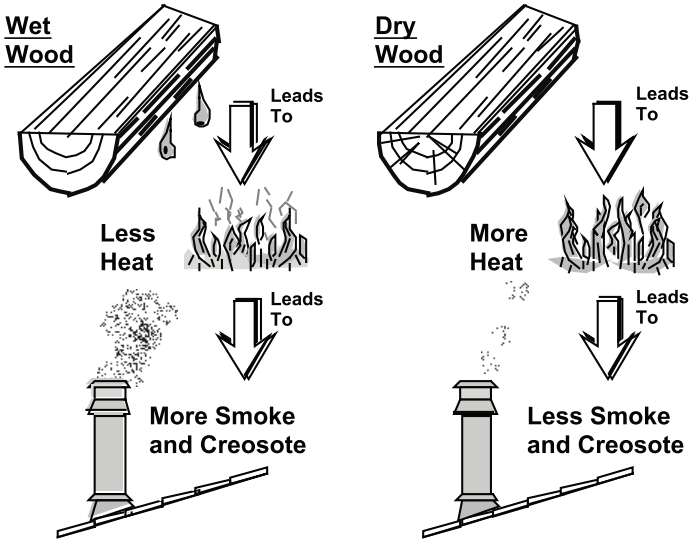
One particularly successful method for starting a fire is to stack several large pieces of wood in the centre of the fireplace (see the illustration to the right). Then place several wads of newspaper and firestarter in the centre with kindling on top. When you light the newspaper this "top-down" fire will burn its way to the centre, igniting the larger pieces. With some practice, this method should work for you.



HINTS FOR BURNING

- Get the appliance hot before adjusting to low burn.
- Use smaller pieces of wood during start-up and high burns to increase temperature.
- Use larger pieces of wood for overnight or sustained burns.
- Stack the wood tightly together to establish a longer burn.
- Be considerate of neighbours & the environment: burn dry wood only.

SELECTING WOOD



- Dry wood is the key.
- Dry wood burns hot, emits less smoke and creates less creosote.
- Testing wood moisture.
- Split wood stored in a dry area will be fully dry within a year. This ensures dry wood. If purchasing wood for immediate use, test the wood with a moisture meter. Some experienced wood burners can measure wood mositure by knocking pieces together and listening for a clear "knock" and not a "thud".

The heat output from the Chazelles fireplace will depend on the type of timber being used and moisture content in the timber.

For your reference

Hardwood timber logs 50cm long

- 6 cm weighs approx 1 kg
- 10 cm weighs approx 3 kg
- 15 cm weighs approx 7 kg

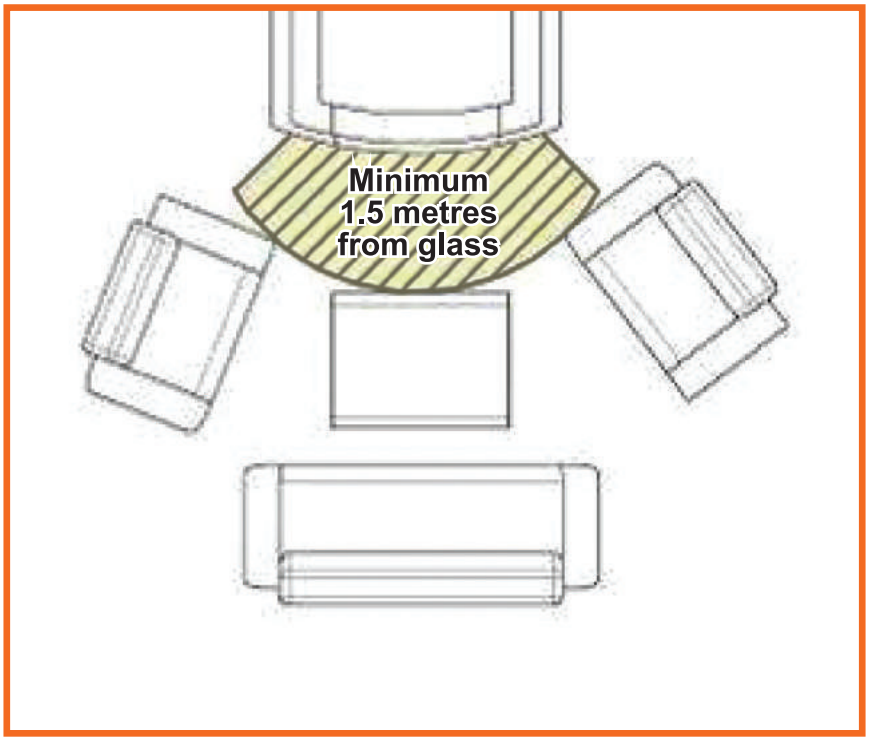
CAUTION: IN THE EVENT OF A CHIMNEY FIRE, CLOSE THE AIR INLETS, DOOR, AND WINDOWS AND CALL FIRE BRIGADE.

SAFETY RULES

General Points

1. Never try to put out a fire by throwing water on it.
2. The window and certain other parts of the applicance get very hot. “Watch out for risk of getting burnt - especially as far as children are concerned”.

The fireplace radiates a lot of heat through the window glass. Do not place any heat sensitive materials or objects closer than 1.5 metres from glass.



1. REMOVING THE ASHES

The air required for combustion of wood arrives beneath the grille when the primary air damper is open, and also keeps the grille cool. In order to obtain optimal performance and avoid degradation of the grille due to overheating, it is therefore essential to prevent its obstruction by regularly removing ashes.

- Use scraper to remove ash from around grille.
- Empty the ash from ashtray into a metal or non flammable container.
- It is recommended to remove the inside air lower air grille and clean/vacuum if necessary, or on a regular basis to maintain peak performance.

2. CLEANING THE WINDOW

- Burning unseasoned wood or lower burn rates leads to dirtier glass.
- Do not clean glass with abrasive cleaners, allow the fireplace to fully cool down before cleaning.
- Apply Chazelles Window Gel Cleaner to the inside of glass (Available from Sydney Head Office). Wipe with a paper towel and clean glass.

GEL GLASS CLEANER 500 ML. BEST WAY TO CLEAN YOUR VITRO CERAMIC GLASS AND REMOVE THE STAINS IN SECONDS!

CONTACT OUR HEAD OFFICE CHAZELLES IN SYDNEY TO ORDER.

3. CLEANING OF FLUE

- mechanical cleaning of the flue is essential. It should be carried out at least twice a year by a professional, with at least one sweeping during the heating season.
- Thoroughly check the state of the appliance, elements ensuring air tightness in particular the joints and closing mechanisms, etc
- If there are any defects, the fire place must not be used until it has been rectified.

4. END OF SEASON CLEANING

- Clean the appliance with a brush and vacuum cleaner.
- During the warm season when fireplace is not being used, it is recommended the air inlets be left open to allow air circulation. Particularly with fireplaces which have not been used for a continuous period (eg holiday homes). Sporadic use perpetuates condensation which accelerates oxidation.
- Clean and lubricate all hinges, bearings and rails before winter season starts and when season ends.
- Check all hinge screws and bolts for tightness as they may become loose over time.

It is very important that the flue is swept and cleaned to reduce the risk of a chimney fire and to ensure the performance of the fireplace. This should be done at least twice a year, as soot can build up quickly. Cold climate and burning of green or wet timber, will increase soot buildup.

Remove the internal baffles / deflectors (where applicable) inside top of the firebox to allow the soot to fall down into the appliance (raise it, move it forward, lower it and take it out).

Clean the appliance with a brush and a vacuum cleaner. Re install the metal baffles.

5. CLEANING THE AIR GUIDE

Certain models of the appliance are equipped with an air guide. In order to maintain good performance, it is important to clean this regularly in order to leave the window ventilation gap free.

To do so, wait for the window to cool down and scrape the inner edge of the air guide with one end of a metal instrument.

With a vacuum cleaner, remove the dust caught between the inner edge at the top and bottom of the door and the glass.

TROUBLE SHOOTING

Problem	Possible Cause
Not Enough Heat	• **Firewood is too moist:** (not seasoned enough hardwood firewood needs to be less than 20% in moisture content. ideally under 15%. Australian hardwood will take approximately 18 months to dry. Firewood with a moisture content of above 25% lowers the temperatures in the firebox dramatically. • **Firewood too large**: larger pieces need more primary air (air through the bottom grate). • **Air gaps under doors:** make sure the heater does not draw cold air from gaps under outside doors. • **Ceiling Vents:** warm air must not be allowed to escape into open ceiling vents. • **Incorrect flue draw:** make sure the flue draw is not obstructed. This may happen through build up of ash at the flue entry inside the firebox. Alternatively a bird may be caught inside the flue, or the flue is not long enough.
Firewood Burning Out Too Quickly	• Too much primary air. • Low quality firewood. • Excessive draft in the flue system. • Door seals not sealing.
Distortion In Firebox Grate or Grille / Door	• **Not emptying the ash pan regularly:** will result in no airflow around the grate and therefore a build up of intense heat around the cast iron grate resulting in distortion. • Overheating or overloading.
Too Much Flaky Ash	• Too much primary air. • Low quality firewood. • Firewood moisture content too high. • Overloading. • Incorrect installation. • **Not emptying the ash pan regularly:** will result in incorrect airflow and therefore incorrect burning.
Smokiness Inside The House	• Incorrect draw. • Unseasoned timber. • Leak in the flue. • Incorrect installation. • Fire not hot enough.
Paint Smell	• There may be a paint smell for the first few operations as the paint on the heater cures: please keep the house well ventilated during that time.

TROUBLE SHOOTING

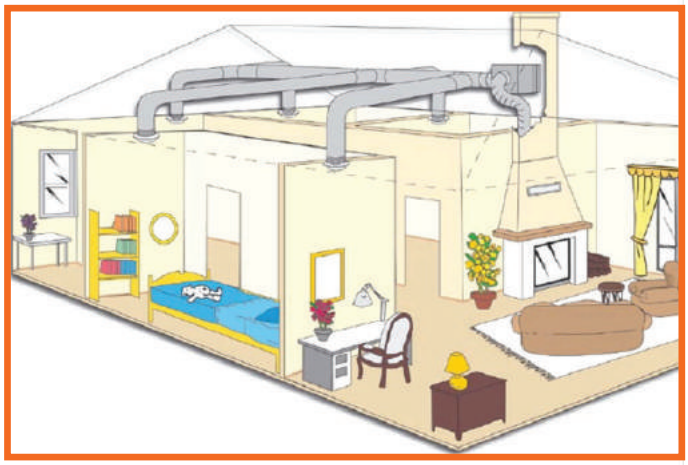
Problem	Possible Cause
Rust Inside The Firebox	• Burning green firewood. • Overloading. • Moisture able to enter through flue. • Burning treated timber. • PLEASE NOTE that some rust occuring in the firebox is unavoidable and will not cause any damage to the heater.
Ceiling Discolourisation	• Low oxygen levels in the house. • Incorrect draw. • Incorrect burning. • Leak in the flue. • Incorrect installation.
Smoke Enters Room During Start-Up	• Open the bypass. • Open the air control. • Cold Air Blockage - burn a piece of newspaper to establish a draft. • If the flame is not getting enough air, a small crack in the door is all that is needed.
Kindling Does Not Start - Fire Smolders	• Open the bypass. • Open the air control. • Not enough starter paper - use additional newspaper if necessary. • If the flame is not getting enough air, a small crack in the door is all that is needed.
Smoke Enters Room While Re-Loading	• Open deflector before opening the door. • Open the air control before opening the door. • Let the air stabilize before fully opening the door. Open the door approximately 1 inch. Let air go into the firebox for approximately 10 seconds. Once the smoke appears to be flowing up the chimney consistently, open the door. • Insufficient Draft - Chimney height and outside conditions can negatively affect draft. In these cases a small amount of smoke may enter the home. Adding more pipe or a draft-inducing cap may help. • Leak in the flue. • Incorrect installation.
Fireplace Does Not Burn Hot Enough	• Wood is Wet - see the section "Selecting Wood" on page 15 for details on wood. • Make sure the air control is all the way open. Slide the control back and forth to insure the control is not stuck. • Insufficient Draft - Chimney height and outside conditions can negatively affect draft. Adding more pipe or a draft-inducing cap may help. • Air gaps under doors.

HOT AIR DUCTING SYSTEM INSTALLATION

This unit has been supplied with a basic ducting kit room to room (consisting of 2 ducts and 2 registers). Cut a hole in the lid of the enclosure nearest to the room where the heat is to be transferred. Run the ducting from this hole into the roof space and locate to the room, cut out the plaster and install a register into the ceiling of the next room . Two rooms could be ducted with this kit.

NOTE:

A maximum duct run of 6 metres is recommended. No more than 2 ducts can run off this cavity.



An optional Chazelles Hot Air Ducting System 500m3/h (1 to 5 rooms) can also be installed:

Warm air distribution consists on using the warmth produced by the appliance to dispatch it into the rooms. Warm air is better dispatched in the dwelling, the appliance's efficiency is thus optimized which involves energy cost saving.

DUCT FAN INSTALLATION

It is recommended the fan be placed in the roof cavity ideally at a maximum distance of 2 metres from the fireplace centre line to allow the use of the automatic /thermostatic system on/off at a set temperature. Situated at more than 2 metres the thermostat fitted into the fan will not be able to check the temperature and operate the fan automatically, so in this situation it will be set up on 0ºC which will only allow a manual use of the ducting system with a switch on/off situated into the room.

It is recommended to install a switch on the wall of the house to allow a manual control on/off of the ducting system.

The 2nd duct fan air intake will be connected to the by-pass air intake (same vent used for ceiling diffusers) and secured with a clamp.

DUCT NETWORK INSTALLATION

Connect the 1st length of insulated duct to the fan duct outlet (situated on side of the fan duct near the thermostat black knob) and run ducts network to a maximum of 5 ceiling diffusers into the rooms of your choice. Secure with metal clamp.

FOR MORE TECHNICAL DETAILS PLEASE REFER TO THE HOT AIR DUCTING SYSTEM INSTALLATION MANUAL SUPPLIED WITH THE FAN.

CHAZELLES WARRANTY POLICY

Congratulations on purchasing a Chazelles fireplace.

The Chazelles Warranty Policy set out in this document is provided to the person who purchased the Chazelles product from an authorised Chazelles reseller. The Chazelles warranties are not transferable and only applies to the original owner/purchaser.

Please ensure to keep your original purchase invoice.

The warranty is applied from the original date of purchase. This product must be subjected to normal use and is designed to burn Hardwood only with a maximum loading charge defined for each model.

PERIOD OF COVER

1. 5 years limited warranty on the firebox.
2. 1 year limited warranty on cast grates, door hinges, fireplace bricks, vermiculite bricks, steel plates, baffle plates, ash pan, ceramic seals, all electrical components, control units, hot air ducting fan.

Please note the following warranty conditions:

- The fireplace has been operated and maintained in accordance with the operating instructions provided.
- The fireplace has been installed and connected in accordance with all applicable Australian standards, building codes and manufacturers recommendations. (refer to installation manual)
- Has not sustained damaged due to intentional force or overheating.
- Has not been modified, repaired and/or incompetent handling.

WARRANTY EXCLUSIONS

- Any costs incurred for travelling expenses, removing, dismantling or reinstalling any fireboxes or ducting fan units.
- Freight and packaging costs to send product to and from Chazelles Australia are not covered as well as the non-use of the appliance.
- Vermiculite, fire bricks, deflector, grate, ash pan, door, frame and firebox warpage or cracks due to overheating.
- Glass breakage.
- Rust evident due to green firewood/high moisture content timber used (green firewood will result in excess rust build due to moisture and acid attacking the metal, especially when the air vents are continually shut).
- Any damage caused by overcharging, air supply altered or not recommended fuel types are used.
- Product purchased from an unauthorised Chazelles reseller, including online trading companies or individuals.
- Any damage that has occurred due to an incorrect installation.
- Failure and damage due to fair wear and tear incurred on the product during the course of normal use.

CHAZELLES WARRANTY POLICY

For the purpose of the 5 years limited warranty, fair wear and tear is defined as degradation consistent with that expected for a product of its age, when used in a regular manner and in the normal application the product was designed for.

The product must be subjected to normal use. The product is designed to burn HARDWOOD ONLY with a maximum load charge defined for each model.

Warranty will be voided if defect occurs due to operation under extreme conditions, incorrect usage or incorrect installation causing damage.

In order to maintain your warranty, please avoid overcharging your fireplace which will produce excessive temperatures and result in damage. This can be identified by:

- Firebox distortion/cracks.
- Fireplace door damage.
- Buckling/distortion of grille, safety bars, baffle, grate or ash pan.
- Change of colour of the heating surface.
- Discolouration of the door glass.

Only spare parts approved by Chazelles Australia may be used.

WARRANTY CLAIMS

For any warranty claims or concerns, please contact the place of purchase or Chazelles Australia on (02) 9550 6290.

For all claims, photos of the installed fireplace, measurements and fireplace serial number must be sent with the proof of purchase invoice. Product will/may need to be returned to Chazelles Australia for assessment of all claims.

If a claim is to be made under Chazelles Australia warranty, Chazelles Australia may at its own discretion only, opt to replace the product (either with the same on similar product up to the same purchase value as the original product) or repair as required.

Chazelles Australia reserves the right to review and amend its warranty policies and periods on all products, repairs, service parts and accessories from time to time as Chazelles Australia considers appropriate.

Australian Home Heating Association Inc.

Chazelles Fireplaces is a proud member of the Australian Home Heating Association, and as such abide by their standards. If further information is required, as well as tips for running your fireplace efficiently, we recommend visiting their website at: www.homeheat.com.au

FIREPLACES Chazelles

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