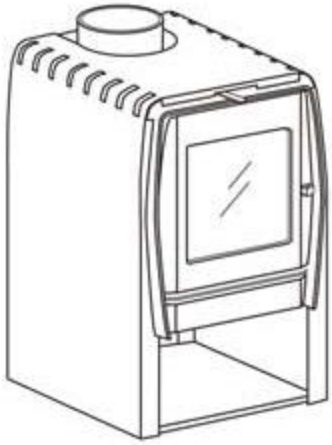
OWNER'S MANUAL

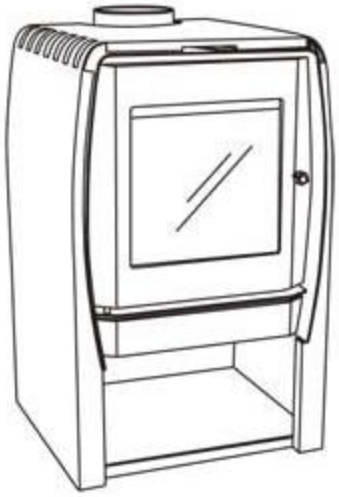
INSTALLATION & OPERATION INSTRUCTION

Models: Nordic 360, Nordic 380, Nordic 450

Nordic 360



Nordic 380



Nordic 450

KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE

Manufactured in Chile
José Miguel Carrera n°6, los Libertadores, Colina, Santiago, Chile

BEFORE INSTALLATION OF YOUR APPLIANCE

Firstly check all local building and heating regulations. Different states and different localities have varying regulations about the installation and operation of wood stoves and you or your installer should be aware of these.

POSITIONING THE AMESTI

We enclose a sheet showing approved distances from the heater to combustible side and back walls. This also gives details of the floor protector size. These clearance distances can only be reduced if the surrounding walls or floor are made of noncombustible material (stone, brick or concrete).

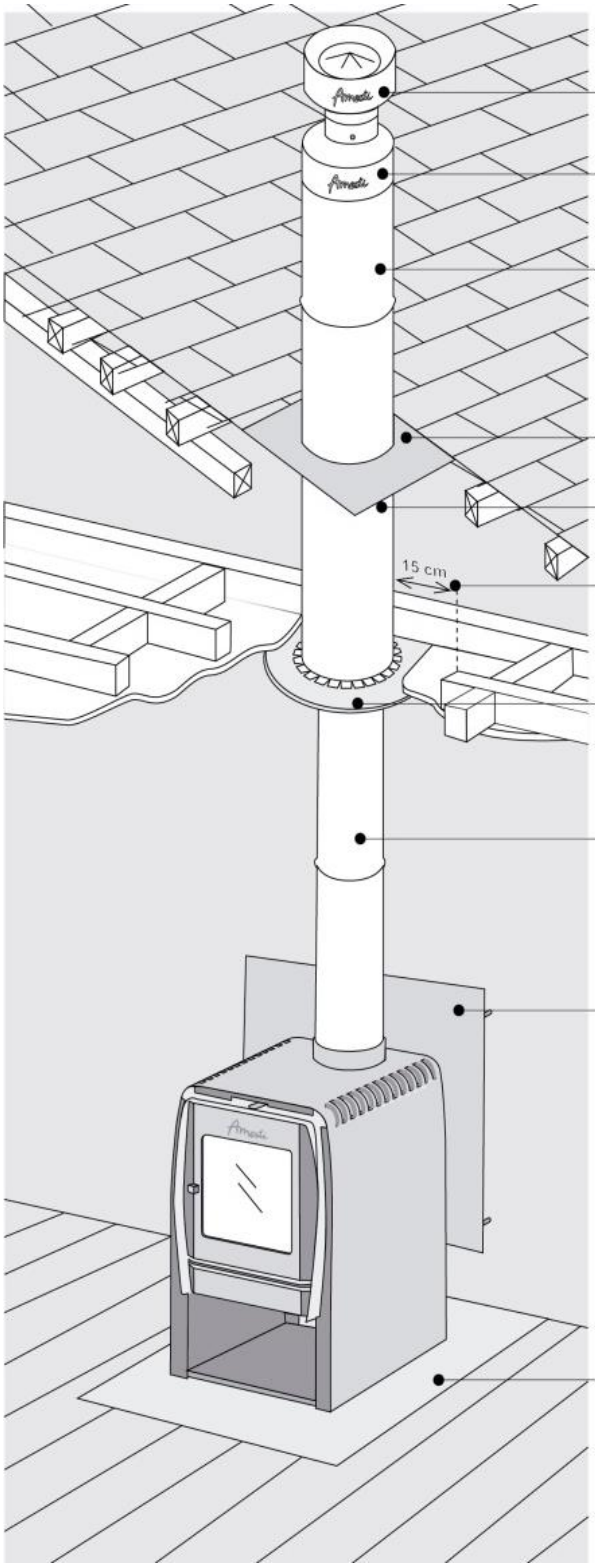
CONSTRUCTING THE FLUE

A free standing appliance should have a flue kit made of stainless steel or requirement of AS/NZS2918/2001. The length will depend on ceiling height and roof design but the top of the flue pipe must penetrate the roof line by a minimum of 1m or to be in excess of 3m from the roof in a horizontal line, or a minimum of 600mm higher than the ridge if within 3m of the ridge.

If the draft is insufficient or periodic down drafting occurs and the appliance smokes or only burns slowly, extending the flue or fitting a specialized cowl will usually cure it.

In the roof cavity and above the roof it is essential that the flue has two outer casings as it is important to prevent condensation on the upper cooler parts of the flue as well as being a safety feature. Where the flue penetrates the ceiling and roof, it must comply with AS/NZS2918/2001. If the stove is fitted into and existing chimney ensure that it is sealed at the base of the chimney with a register plate and install the flue lengths up the chimney to atmosphere and fit the appropriate termination chimney plate and cowl.

The flue kit must be installed according to the manufacturer's instruction.



Cowl
(stainless steel)

Funnel
(stainless steel)

Outer Flue
(Zinc-alum or galvanized)
It covers the main flue from the ceiling to the cowl.

Flashing
(zinc-alum)

Rock Wool
Inserted between the main flue and the outer flu for insolation.

Distance from flammable Material
Any flammable material must be a minimum distance of 15cm from the outer flue.

Celing plate
(Stainless steel)

Main Flue
(Stainless steel)
It extends from the top of the fireplace to the cowl.

Protection
If your wall is flammable and you want to put the fireplace close to the wall, place a metal or other non flammable plate on the wall, leaving space behind it for air circulation.

Metal Base
This must be used if the floor finish is wood, carpet, or any other flammable material.

Figure 1Installation Diagram

SAFETY CLEARANCES

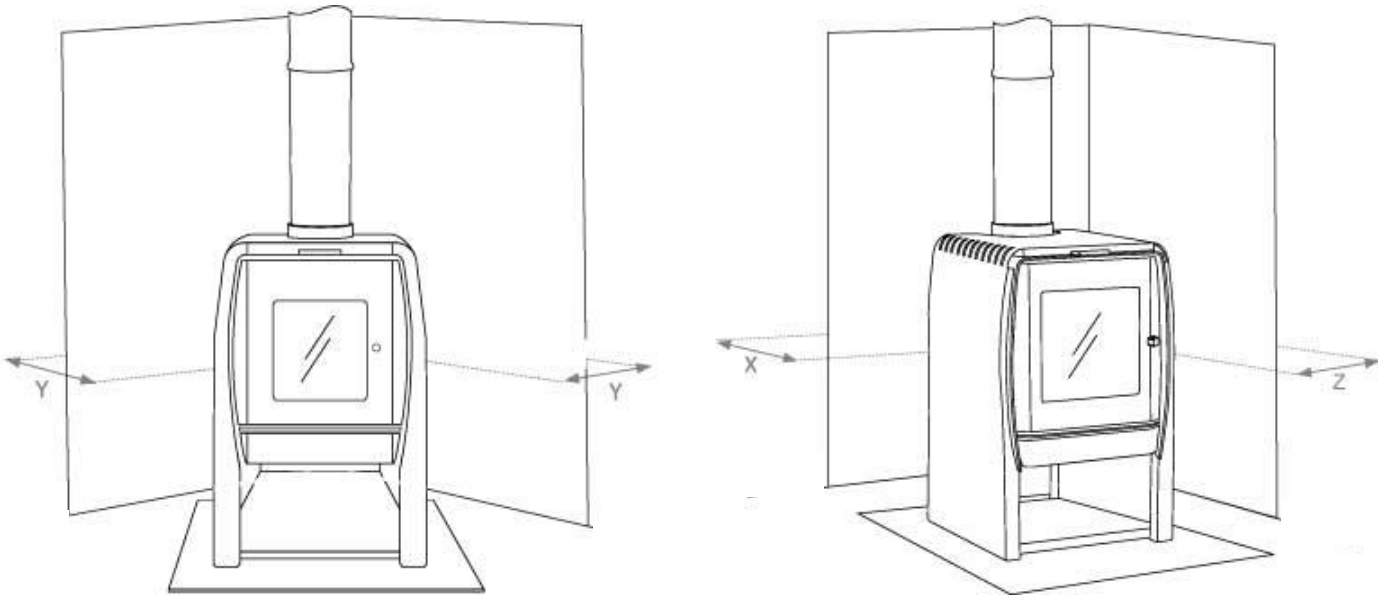


Figure 2 Safety Clearances

Distances to combustible walls (cm)

Model	X rear (mm) with tertiary shield	X rear (mm) with rear heat shield raised 100mm	Y (mm) with tertiary shield	Z side (mm)
Nordic 360	100	150	190	355
Nordic 380	100	150	190	355
Nordic 450	100	150	190	355

Note: these clearances are for heat sensitive materials. Clearance from heat resistant walls e.g. brick or stone can be 100mm. A heat resistant floor e.g. concrete slab with slate needs no floor protection.

FITTING THE DAMPER

The steel damper can be easily removed, enabling one to clean with ease or replace in the event that it wears down. The baffle must be fitted in the correct position prior to using the fireplace as indicated in the diagrams.

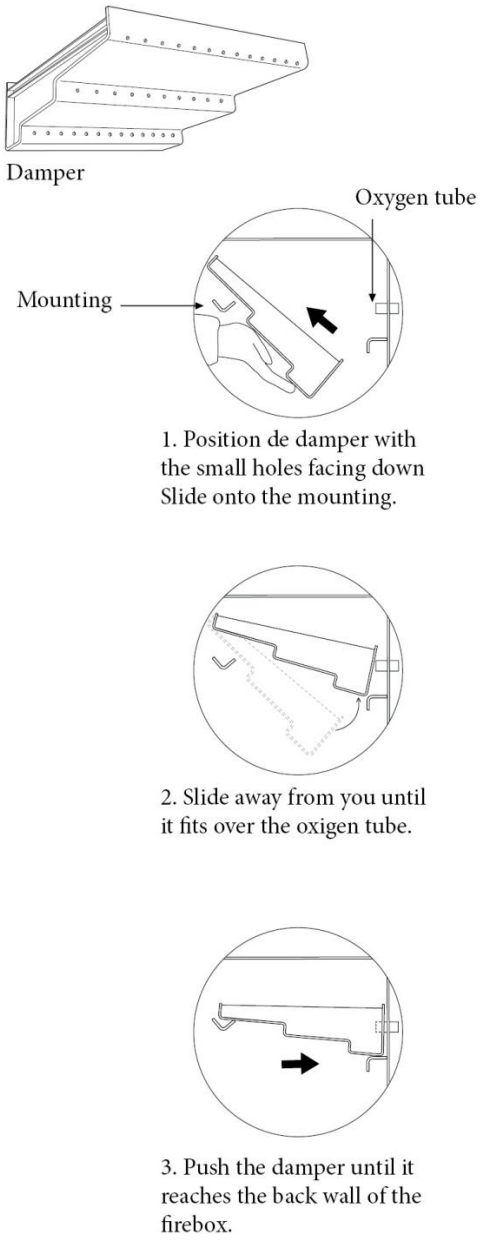


Figure 3 Fitting the damper

LIGHTING THE AMESTI

Now the stove is correctly installed it is ready for the first lighting The AMESTI feature a dual air control system. Air is introduced into the fire at the top the firebox as well as the bottom. The top air is operated by the sliding control located on the top of the unit. The bottom air control is located on the door of the heater. The bottom air control is used mainly for starting the fire.

1. Place a few pieces of dry kindling onto some screwed up newspaper and ignite.
2. As soon as it has caught fire add some larger pieces of wood. Load the wood into the firebox so that the logs are placed at right angles to the door opening. Close the door and make sure the top air control is fully opened.
3. When the fire has well established coal base add full size logs loaded at right angles to the door opening and open the top air fully. Adjust the operating temperature of your fire by opening or closing the top control. The normal or medium operating position is with the top air open at about half.

The first few times that the stove is lit the stove paint will give off some smoky fumes as it cures. Don`t panic, once the paint has cured this will not re-occur. Keep the room well ventilated until these fumes have cleared.

SLOW BURNING

To make the heater burn for a long period fill with large pieces of dry hardwood, open the air control fully and burn briskly for a few minutes to get the logs alight. The best setting for slow burning is with the air control fully closed. After an extended combustion cycle, reset the fire by stirring the live coal under the ashes and add some sticks and small logs. Slide the air control to the fully open position and allow the fireplace temperature recover before adding larger logs.

RAPID BURNING

To obtain maximum heat from your AMESTI firstly establish the fire and then leave it running with the top air control open fully. Keep an eye on your stove when you do this as with a good flue draft and dry wood it is possible for the stove to glow red hot.

Burning the fire with the top air control and bottom air control fully open will often not give the hottest fire as too much heat is lost up the flue and so does not come into the room. Similarly running the stove with the door open will not produce maximum heating in the room as the stove will draw a lot of warmed air out of the room.

MAINTENANCE

1. Removing the Ashes – Depending on the type of wood burned, the ashes will need removing every 2 to 6 weeks. With a small shovel, push the hot coals to one side and shovel most of the ash into a metal bucket. Leave a small bed of ash to retain the coals and insulate the base of the firebox. The fire burns the ashes extremely finely so cover the bucket and take care not to stir up the ashes too much-
2. Cleaning Paint Work and Glass – The stove, when cool, can be cleaned with a damp cloth. Over the years the black will fade and should be touched up with high temperature stove paint. We do not recommend graphite based stove polish. To clean the glass we recommend cleaning with a damp cloth. Avoid using any abrasive material that could scratch it.
3. Door Seal – The door seal is a 12,7mm round fiberglass braided rope. If it should need replacing fix it in its groove with silicone mastic.
4. Fire Bricks - The bricks should last many years, but if any need replacing they can be placed in position vertically and are held in place at the top by the angle brick retainer.
5. Chimney Cleaning - The frequency with which the chimney will need cleaning will depend on the way that the heater has been used as well as the type and dryness of the wood burned. Keep an eye on the flue passages and if there appears to be a buildup of soot is time to clean the flue. To get at the flue form inside the stove, remove the smoke shelf from under the flue.

WARNING!

1. THE APPLIANCE AND FLUE-SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH AS/NZS2918 AND THE APPROPRIATE REQUIREMENTS OF THE RELEVANT BUILDING CODE OR CODES.
2. APPLIANCE INSTALLED IN ACCORDANCE WITH THIS STANDARD SHALL COMPLY WITH THE REQUIREMENTS OF AS/NZS4013 WHERE REQUIRED BY THE RECULATORY AUTHORITY, I.E. THE APPLIANCE SHALL BE IDENTIFIABLE BY A COMPLIANCE PLATE WITH THE MARKING "TESTED TO AS/NZS 4013".
3. ANY MODIFICATION OF THE APPLIANCE THAT HAS NOT BEEN APPROVED IN WRITING BY THE TESTING AUTHORITY IS CONSIDERED TO BE IN BREACH OF THE APROVAL GRANTED FOR COMPLIANCE WITH AS/NZS 4013.
4. 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.
5. CRACKED AND BROKEN COMPONENTS, e.g. GLASS PANELS OR CERAMIC TILES, MAY RENDER THE INSTALATION UNSAFE.
6. DO NOT USE FLAMMABLE LIQUIDS OR AEROSOLS TO START OR REKINDLE THE FIRE.
7. DO NOT USE FLAMMABLE LIQUIDS OR AEROSOLS IN THE VICINITY OF THIS APPLIANCE WHEN IT IS OPERATING.
8. DO NOT STORE FUEL WITHIN HEATER INSTALLATION CLEARANCES.
9. OPEN AIR CONTROL BEFORE OPENING FIRING DOOR.
10. THIS APPLIANCE SHOULD NOT BE OPERATED WITH CRECKED GLASS.
11. THIS APPLIANCE SHOULD BE MAINTAINED AND OPERATED AT ALL TIMES IN ACCORDANCE WITH THESE INSTRUCTIONS.
12. THE USE OF SOME TYPES OF PRESERVATIVE-TREATED WOOD AS A FUEL CAN BE HAZARDOUS.

REPLACEABLE COMPONENTS OF THE APPLIANCE

1. Door glass with gasket
2. Door gasket without glass
3. Door gasket Kit
4. Firebricks 230mm x 65mm x 25mm
5. Baffle
6. Ash pan

RECOMMENDED FUEL

Any dry hardwood that has been seasoned for at least 12 months. Al fuel should be stored with protection from the weather to minimize any potential moisture content.

FLUE FIRE

In the event of a flue fire close air intake spindle right down to smother fire and do not open the fireplace door.

WARRANTY

LIMITED TO 5 YEAR FROM THE DATE OF PURCHASE TO THE ORIGINAL OWNER
Amesti warranties that all the parts in this fireplace, referring to the materials and manufacturing, will be free of defects at the time of purchase.
The manufacturer extends the following warranties:

- Five Year Period:
  Steel and welded joints in the firebox are covered for 5 years against breakage.
- One Year Period:
  The baffle is a Replacement Part with a limited lifespan that will depend on the intensity of use and the quality of wood used. The 1-year warranty will cover the damper against cracking of material and failures of welded joint, but not the wear and tear.
- Warranty does not cover:
  - Bricks: because only it's possible to break with a knock
  - Glass: Is a thermo-ceramic glass, resistant to 800ºC (1472ºF) and radical changes of temperature, and it only can be broken by a knock.
  - Aesthetics like paint and finishes are excluded.
  - Damage from over-firing will void your warranty.

- This warranty does not apply if damage occurs because of an accident, improper handling, improper installation, improper operation, abuse, or unauthorized repair made or attempted to be made.
- The manufacturer is not liable for indirect, incidental, or consequential damages in connection with the product including any cost or expense providing substitute equipment or service during periods of malfunction or nonuse. All liability for any consequential damage for breach of any written or implied warranty is disclaimed and excluded. Consumers also have rights under relevant State and Commonwealth Laws.