BOGEN

Closed System Combustion Fireplaces



User Manual

Contents

01 Overview

Introduction 1

02 Installation

Freestanding Units 2
Built-in Units 4

03 Fuel

Wood 6
Wood & Coal 6
Fuel Loads and Over- Firing 7

04 Operating Instructions

Air Control 8
First Use 9
Ignition 10
Soot-Free Glass 10

05 Maintaining Unit

Unit Maintenance 11
Trouble Shooting 12

06 Warranty

Guarantee 13

01 - Overview

THE HISTORY

Heatwave has been in the business of designing, building and marketing fireplaces and braais for more than 30 years. We are experts and leaders in developing new products and improving on existing lines. We are and always have been a family business and therefore very involved with each individual sale.

MISSION STATEMENT

Heatwave strives to manufacture fireplaces and braais, products of distinction, designed and engineered with one thought in mind, extending your comfort zone. With our emphasis on quality, elegance and innovative designs as well as a continued commitment to unprecedented service, we aim to bring families and friends together through warmth and entertainment, enabling you to integrate your lifestyle into the design of your house.

THE PRODUCT

Heatwave fireplaces and braais are manufactured only of the very best materials, 3mm mild steel with 5mm steel trimmings for reinforcement and expansion. All our products are first shot-blasted and then sprayed with heat resistant paint (an industrial etch- SNK 74). This process ensures that the paint won't peel and the unit maintains a high quality mat finish. The units are stringently tested for durability and are approved for smoke free zones. The high standards followed in manufacturing our units enable us to provide you - the customer - with a 15 year warrantee on every fireplace or braai purchased. Heatwave products are locally manufactured ensuring parts and a back up service available at all times.

DESIGN

Heatwave's design portfolio is continuously expanding to fit market trends- keeping in touch with our customers' demands. All units are designed with effective airflow for total smokeless burning. Throughout the years Heatwave has made various design improvements to our fireplaces and braais.

AESTHETIC VALUE

Heatwave has the biggest range of fireplaces and braais in the market therefore offering a design and style for every taste and home. Heatwave products will not only look good but also add value to your property.

THE PRICE

One would think with all the above taken into account that our prices should be so much higher than our competitors. However, that is not the case. According to our latest market research, Heatwave prices are in fact preferred from the buyer's point of view.

THE SERVICE

Heatwave has a network of professional distributors with units on display where you can visit and get advice. Most importantly, we are committed to service excellence. We have been complimented on well-trained, efficient and friendly staff who is always prepared to go the extra mile.



02 - Installation

Installation of Free Standing Units

The Free Standing Range consists of :

- The Picasso
- The Dali Freestanding
- The Monet
- The Da Vinci
- The Gaudi
- The Renoir
- The Rivera
- The Van Gogh Freestanding range

Free Standing units require an exterior chimney through the ceiling of your home. The chimney can either be black mild steel or stainless steel, which ever is preferred.

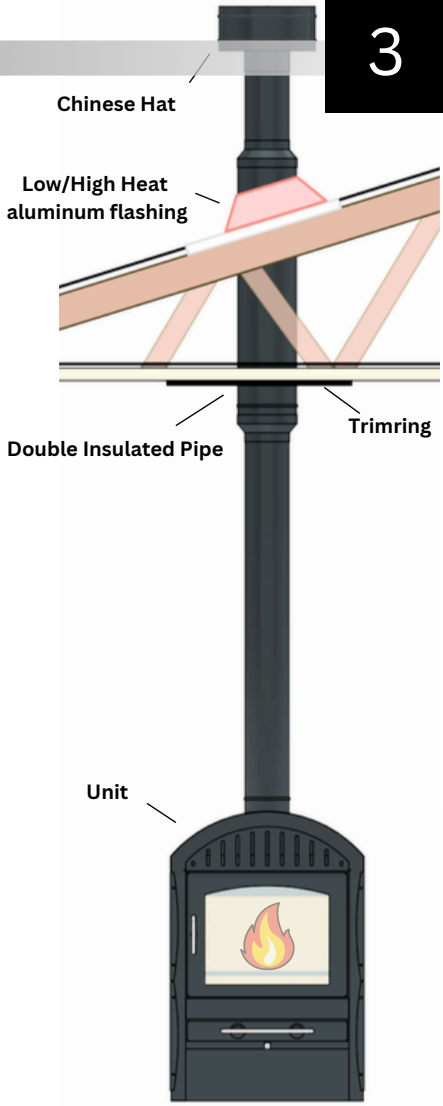
Free Standing units require no modifications to the interior of your home and can simply be placed against a flat wall or in a corner of the room. The only modification is the outlet of the chimney through the ceiling and rooftop. The ceiling opening is finished with a trimming for a neat finish.

When selecting the position for the fireplace, ensure the following:

1. That the hole to be cut through the ceiling is away from any timber roof beams and brandering.
   - Use a drill and jigsaw to cut the hole through the ceiling. Ensure you cut the hole 15 mm larger than the steel flue.
   - The unit must be positioned at least 100mm away from the wall, with clearance at front and sides of 800mm and 350mm respectively.



2. Remove the roof tiles directly above the hole or cut a suitable hole in the roof.
3. Drop a plumb-line from the hole in the ceiling to the floor.
4. Place the firebox at the point dictated by the plumb-line.
5. Attach the chimney sections necessary to reach the required height.
6. Chimney sections are tapered to slide into each other. Make sure the smallest part of the flue is always at the bottom.
7. The chimney flue must be flashed at roof level with a rubber or silicone aluminum flashing
8. All chimney-sections between the ceiling and the roof MUST be insulated with insulator-wool in accordance with SANS 10400. 9. Fit the cowl. If necessary, secure the cowl with self-tapping screws.
10. Screw the trim-ring in position to the ceiling, for neat finish. Seal the joint with heat resistant silicone sealant.
11. Paint all exterior surfaces with enamel after sealing “Seams” on flue-pipe with heat resistant silicone.
12. The height of the chimney should be at least 500mm higher than the highest point on the roof. * If the chimney is more than 3m away from the apex of the roof this is not necessary - if a suitable cowl is fitted. Should you have any problems while installing your fireplace, contact the manufacturer directly for advice and assistance.



Installation of build-in units

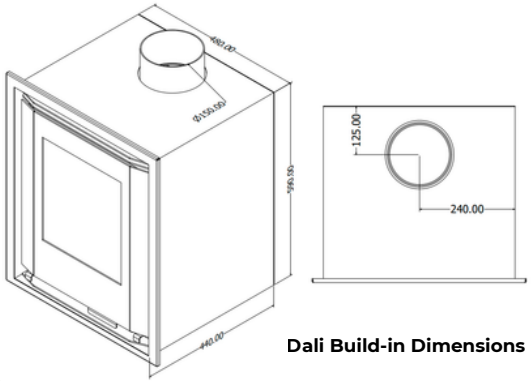
The Built-in Range consists of:

- The Rembrandt
- The Dali Built-in
- The Van Gogh Built-in range

1. Put the Firebox into the existing recess.
 ▪ If the recess is too BIG, remove the firebox and simply reduce the recess size by bricking up the sides and/or back.
 ▪ If the recess is too SMALL, make it bigger by removing the necessary brickwork.
2. Provision must be made for a 220 V electrical point, close to the recess (only for Rembrandt).
3. Refer to the sketches at the dealer or website for the correct size of your recess.
4. Slide the firebox carefully into the recess.
 ▪ Do not recess the front frame of the firebox by more than 150mm.
5. Ensure that the smoke outlet is not obstructed.
6. Be sure that air inlets or convection openings at the bottom/front of the firebox are not blocked.
7. Seal the firebox into position using masonry and mortar, ensuring that any air leakage around the frame is eliminated. Allow the masonry to dry (4 days) before lighting a fire.

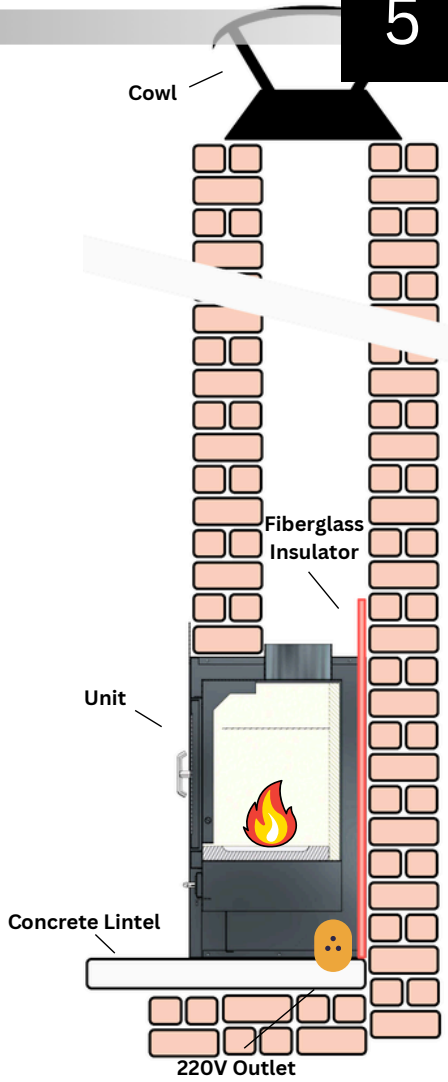


8. A chimney that is slightly too large is preferable to a chimney that is too small. Important: Do not reduce the size of the chimney.
9. Cowl base to be cemented on top of chimney.
10. Paint exterior surfaces with black enamel. The installation of the unit has a direct influence on the performance of your combustion stove. Have it installed by a trained and competent installer. The warrantee on the unit may be voided if installed incorrectly. Please contact your nearest authorized distributor if in doubt. This installation instruction serves as a quick guide only. We recommend that a trained and competent installer be used at all times.



Dali Build-in Dimensions

Build-in units are supplied with outer box demotions. These dimensions can be used to create the opening or add to construction drawings prior to purchasing the unit.



03 - Fuel

Wood

Any type of wood can be used. Wood must be dry; moisture content must not be more than 20%. If the wood is not dry, a large part of the energy/heat is consumed to evaporate the moisture, making the stove uneconomical and inefficient.

Logs should not be more than 50mm in diameter and be of such a length that they can lie flat in the combustion chamber. Always ensure that the wood is dry. The harder the wood, the longer it will burn and the more heat it will give off.

Wood & Coal Cobination

It is important to note that all Bogen Mild Steel units are designed exclusively as **wood stoves** and are intended for burning wood only. However, the Rembrandt, Da Vinci, and Monet models can be modified to burn a combination of wood and coal by lining the interior with refractory bricks instead of vermiculite to handle the higher heat of coal combustion.

Please be aware that burning coal can significantly reduce the lifespan of the unit.
A handful of coal (no more than 0.5 - 0.7kg) can be added on top of the grate to aid the wood in the combustion process.

Note: Any damage caused by excessive coal use will void the warranty.



Fuel Loads and Over-firing

The combustion chamber serves as a guide to the maximum amount of fuel that may be loaded into the stove. Never fill the combustion chamber beyond 50% of its usable internal volume. Any fuel load exceeding this limit is considered excessive.

Over-firing occurs when too much fuel is burned, especially when combined with excessive airflow from leaving the air-control vents fully open. This causes the fire to burn at temperatures far higher than the stove and chimney were designed to withstand.

Over-firing can:

- Permanently damage or distort the stove and its internal components.
- Cause dangerously high chimney temperatures.
- Reduce the stove's efficiency and shorten its service life.
- Increase the risk of a chimney fire.
- **Void the product warranty.**

Early signs of over-firing include the stove body, flue pipes, or chimney changing to a lighter grey or whitish colour. In extreme cases, metal components may begin to glow red.
If any part of the stove or chimney glows red, the unit is being severely over-fired. Immediately reduce the air supply and allow the fire to burn down safely.

For safe operation, always keep the fuel load below 50% of the combustion chamber and regulate the air controls once the fire is properly established. If the operator can hear the airflow or air entering the combustion chamber- Too much air is being fed to the combustion chamber

Note: Any evidence that the unit has been over-fired during the warranty period will void the warranty.



04 - Operation

Air Control

Top Secondary Air Control Lever
The top secondary air control lever or combustion lever regulates the secondary air intake of the unit . The Picasso, Renoir, Van Gogh and Gaudi uses this top primary air intake design. The lever has an arrow design on the front, indicating the direction in which the vent lever is to be shifted. The top plate, outer box and deflection chamber of these units ensures that the air is heated before entering the combustion chamber for a more efficient combustion. The secondary air flows over the glass acting as the air-wash. This keeps the glass soot-free.

Bottom Secondary Vent Controls
Bottom secondary vent controls also regulates the secondary air intake of the unit. The Rembrandt, Goya, Da Vinci and the Dali uses this design. The bottom intake is connected via an air channel at the the back of the unit and is exerted from the top of the fire, down the viewing glass. The air also gets heated whilst flowing through the warm channels of the unit and therefore your fire is supplied with pre-heated air for more efficient combustion. This is also the air-wash system keeping the glass soot-free.

Primary air and Exterior ashpans
The unit's primary air intake supplies oxygen to the fire through the grate at the bottom. The Renoir, Picasso and Goya models feature fixed primary air intakes and, therefore, do not include a lever for adjustment. The Van Gogh model features a swivel primary lever at the bottom of the unit. Both the Dali's Secondary and Primary air levers are located at the bottom marked with a "P" and "S"
For models such as the Gaudi, Rembrandt, Da Vinci and Monet the exterior ashpan is equipped with a gasket to prevent air leakage into the combustion chamber. The ashpan face also includes a round air control knob to regulate the airflow entering the combustion chamber through the ashpan, serving as the primary air intake.
Additionally, the exterior ashpan can provide large amounts of oxygen to the combustion chamber when opened, which is particularly useful for reigniting newly added fuel.

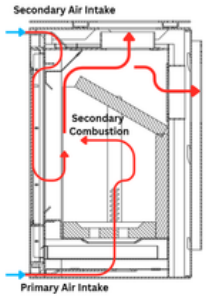

Renoir Secondary Air Intake


Rembrandt Primary Air Intake

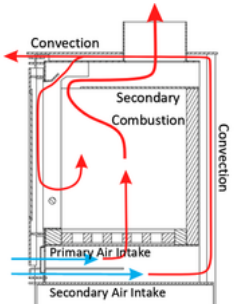

Gaudi Primary Air Intake

Door integrated controls

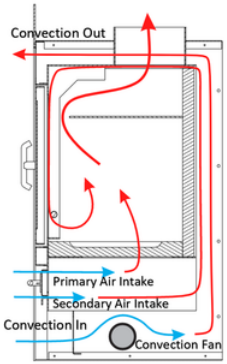
The Rivera's vent controls are uniquely integrated into the door of the unit. The bottom knob supplies primary air to the fire through the grate at the bottom. The top knob provides secondary air, which not only supports combustion but also flows over the viewing glass as part of the air-wash system, helping to keep the glass free of soot.



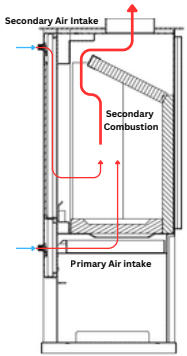
Van Gogh



Dali



Rembrandt



Rivera

First Use

Note: Do not overheat your stove during the first firing.

To properly break in the unit, start with a small fire to gradually warm it up.

During the first few uses, the unit may emit a chemical smell and some bluish smoke. This is completely normal for a new unit as it undergoes the burn-in process. Ensure proper ventilation by opening windows or doors to allow fresh air into the room.

For the best results, create a small to medium-sized fire and allow it to burn at a moderate temperature for approximately 12 hours.

Note: A too hot first fire can damage the paint and cause peeling



Rivera Primary Air Intake



Van Gogh Primary Air intake



Picasso Secondary Air intake

Ignition

To start the fire, place a piece of firelighter or crumpled newspaper on the grate at the bottom of the combustion chamber and add approximately 1.5 kg of wood on top. Ensure both the primary and secondary air controls are fully open, and if the ashpan is external, open it about 20 mm. Light the firelighter using a lighter or matches.

After about 5 minutes, once the fire is burning steadily, close the ashpan (if external) and the primary air control while keeping the secondary air control open. Wait until there are clear flames surrounding the wood before gradually closing the secondary air control. This will slow the fire and achieve optimal combustion. The secondary air lever can then be used to regulate the unit's combustion rate

The log guard must always be in place while the stove is in operation. Its purpose is to prevent logs from leaning against the glass, thereby protecting the glass panels from potential damage

Soot-free Glass

Your combustion stove is designed in such a way to keep the glass Panel relatively soot free with the secondary air control fully open. The more you close the secondary air control the greater the risk of sooty glasses.

Whenever more fuel is added to the above stove, fully open the secondary air controls. Only start reducing your combustion air when there is clear flames around your fuel. Please remember wood should not have a moisture content of more than 20%.



05 - Maintaining Unit

Maintenance of Unit

To clean the exterior of the unit, use a feather duster and avoid using water. The unit comes with a tin of touch-up paint for minor touch-ups.
For cleaning the glass panels, use a moist cloth combined with some fine ash from the ashpan for best results.

All Bogen combustion stoves are equipped with ceramic sealing gaskets and tape at the doors, drawers, and glass panels. These are considered wear-and-tear components and will need to be replaced periodically. Please consult your authorized dealer for assistance with replacements

Register your warranty by presenting orginal reciepts of purchase.
Note: The unit needs to be serviced once a year by your authorized supplier or dealer.
Failure of presenting this evidence will void the warranty.



Trouble Shooting

Smoke coming from intake vents.
Due to: Bad Drauaght
Check:

- Fluepipe Dimensions (Too Short?)
- Any blockages in fluepipes?
- Any horizontal sections in fluepipe?
- Any bends in flue pipe?
- Soot build-up in pipe?

Wood burns to fast.
Due to: Too much air or bad wood
Check:

- Are the air vents adjusted correctly?
- Can you hear the air rushing in?
- Hard wood or soft wood?

Sooted glass.
Due to: Not enough Secondary Air
Check:

- Is the wood dry?
- Secondary air control adjusted correctly?

Stove/Chimney turns grey.
Due to: Surface getting too hot. (Over-firing)
Check:

- Fuel usage too much?
- To much air entering combsution chamber

Sooted Chimney.
Due to: Incomplete combustion
Check:

- Draught issues?
- Sufficient air entering combustion chamber
- Is fuel dry?



06 - Warranty

10 YEAR WARRANTY

Your Bogen combustion stove undergoes strict quality control before it leaves the factory. However, a defect may occur therefore we back our units With a seven year guarantee against faulty workmanship or material defects.

The following part are not covered by the 10 Year Warranty:

- The guarantee does NOT cover
- Damages caused by incorrect installation or use
- Transport expenses in connection with guarantee repairs
- Removing / installation in connection with guarantee repairs
- Guarantee is only valid on proof of purchase from authorized dealer / Distributor
- If the unit was not serviced in accordance with the recommended instructions (unit to be serviced annually)

Failure to service gaskets and glass holders might lead to damage to the glass which will lead to the glass not being covered by the warranty fai

1 YEAR WARRANTY

The following parts are covered under the standard 1 Year Warranty

- Refractory materials. (Cast grate, Firebricks and Vermiculite boards)
- Door gaskets, glass gaskets and cement seals.
- Round shaker grates and fire bars.

LIMITS OF LIABILITY

- This warranty does not cover special, incidental or consequential damages, injury to persons or Property, or any other consequential loss.
- Only problems caused by defects in materials or workmanship are covered provided the stove has been installed according to the installation manual's instruction. The warranty does not cover any problem caused by (a) negligence, misuse, abuse or circumstances beyond Heatwave's control or (b) wear and tear, modification, alteration, or servicing by anyone other than an authorised service engineer. In addition the warranty does not cover installation and operational related problems such as draught related issues external to the stove, inadequate venting or ventilation, excessive offsets, negative air pressure caused by insufficient burning of improper fuel.
- The Warranty does not cover damage caused to the stove while in transit. If this occurs, do not operate the stove and contact your courier and/or dealer.
- **It is at Heatwave's discretion whether to repair or replace the product. All shipping costs are to be paid by the consumer.**
- The warranty is given only to the original consumer/purchaser. If the consumer/purchaser sells the stove or gives it away, the warranty ends.

Distributors

Head Office
018 110 0822

Bela Bela
067 280 3672 (WhatsApp)
072 371 7178
011 791 1150
082 322 5660

Bethlehem
058 303 0390
058 622 2389
071 689 8271

Bloemfontein
051 400 5500 (Kloppers)
073 260 8544

Boksburg
073 390 9271
011 826 3062

Burgersdorp
073 260 8544

East Rand Gauteng
011 826 3062
073 390 9271

Factory
018 110 0822
066 574 4919 (Whatsapp)

George
083 258 8600

Harrismith
073 260 8544
058 260 8600

Johannesburg North/South
067 280 3672 (WhatsApp)
072 371 7178
011 791 1150
082 322 5660

Klerksdorp
018 110 0822
066 574 4919

Kimberley
053 832 9666 (Vermeulens)
073 260 8544

Kuruman
053 714 3200
083 650 9005

Middelburg
083 457 1828

Midrand
067 280 3672 (WhatsApp)
072 371 7178
011 791 1150

Milnerton
082 749 4684

Mosselbaai
082 749 4684

Nelspruit
083 630 1588
083 342 4675

Newcastle
071 452 3862

Ottery
061 026 1001

Parys
056 811 4466
082 457 9348

Pietermaritzburg
033 342 4675

Potchefstroom
018 110 0822
066 574 4919
063 141 3730

Pretoria & Centurion
076 536 5305
067 352 4755

Qua-Qua
076 536 5305
067 352 4755

Rustenburg
018 110 0822
066 574 4919

Randburg
067 280 3672 (WhatsApp)
072 371 7178
011 791 1150

Somerset Wes
072 834 9637 (Whatsapp)
082 896 2379/082 550 4731

Soweto
067 280 3672 (WhatsApp)
072 371 7178
011 791 1150

ST Francis Bay
042 294 1555
076 287 8711
082 550 4731

Upington
054 337 0256
071 388 1493 (Whatsapp)

Vereeniging
016 423 5666
067 403 5568

Welkom
057 439 0077
057 352 8371
057 396 2149
082 316 8559

West Rand
067 280 3672 (WhatsApp)
072 371 7178
011 791 1150

Heatwave
Leading in Heating

sales@heatwave.co.za
www.heatwave.co.za
018 110 0822

Copyright © 2026 Heatwave Fireplace & Braais. All rights reserved. This information contained herein are the exclusive property of Heatwave Fireplace & Braais. No part of this document may be reproduced, copied, disclosed, or used in any manner without prior written permission from Heatwave Fireplace & Braais. Unauthorized use is strictly prohibited.