



# INFINITI FIREPLACES

## 2017



*a new generation in heating*





## INFINITI FIRES™ FIREPLACES

The Infiniti range of superior gas and wood fires is the result of extensive research around South African consumer requirements in home heating. A group of fireplace industry specialists believed that a truly South African fireplace product, embodying the best of local and international design and using the best quality raw material available, was possible.

The result, a modern looking range of wood and gas fires that are at the forefront of technology, have striking looks and some of the most efficient combustion systems in the world. Our units are highly advanced in their environmental friendliness, maximising the heat from both gas and wood being burnt, whilst giving very little in the way of emissions into the atmosphere.

We feel sure that in perusing this brochure or visiting us on [www.infinitifires.co.za](http://www.infinitifires.co.za) you will find a fire to suit your specific application. A full list of dealers around South Africa is available on our website, that can assist you further with competent advice, qualified installation crews and after sales service.

## GAS FIRES

A flued gas fire typically has artificial coals or logs on top of the grate that glow red in the heat of the combustion process. This glow looks very realistic as a replica of a real wood or coal fire, but the effect of placing these artificial elements into the flames is a big increase in the amount of Carbon Monoxide/Dioxide produced by the grate. For this type of grate to be safely used, these fumes need to be vented up a chimney to the outside. By venting these fumes some 65% of the energy consumed in these grates is lost up the chimney.

With the high cost of bottle gas and these low efficiencies, the cost of running a traditional flued gas fire is in the region of R 5 per KwHr. Taking into account these high running costs and our increased desire to be more environmentally friendly, Infiniti Fires has ceased making flued grates. Concentrating instead on their flue-less Gas Fires, which run at close to 100% efficient and as a result have running costs of about R 1.60 per Kwhr. From an environmental view point these flue-less grates waste no energy and minimize harmful emissions into the air.



## FLUE-LESS GAS FIRES

Flue-less Gas Fires work without a chimney and make full use of the gas burnt in creating useable heat. The design of these grates is such that the amount of carbon monoxide/ dioxide produced is minimized to make the fire safe to use.

This makes these flue-less gas fire units superb for the economical heating of open plan living spaces. And of course they are perfect for installation into rooms or houses without chimneys.

It is unsafe/ illegal to install these units into bedrooms or bathrooms. Typically bedrooms are smaller than living areas and are rooms where people will sleep overnight. It would potentially be unsafe to have a person sleeping through the night, in a small room, if the gas grate was left running through the night. The grates do consume oxygen in their combustion process.

All Infiniti Fires grates use their Flame Dancer™ burners. These have a flame that exits the grate in a vertical sheet of flame about 100mm high if left uncovered. The design of the burner creates a flame that dances, hence its name. If covered the flame effect will spread across more of the grate and give a more traditional look.

The Infiniti Flame Dancer grates were designed to give not only stunning modernistic looks but even more importantly, VERY low emissions.

These industry leading low emissions are very beneficial in terms of:

- a virtually odourless grate
- a very safe grate with the lower amounts of Carbon Monoxide/Dioxide produced
- a more efficient grate as more of the carbon in the fossil fuel is converted in the combustion process to usable heat

Flame Dancer grates are available in the following fuel effects:

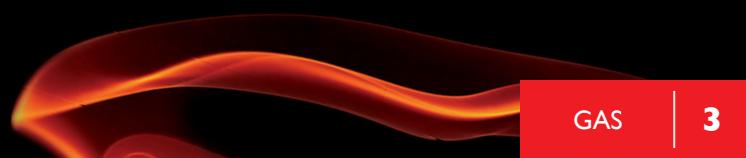
Burner uncovered

- White or black stone chips around the burner
- Natural white stones around the burner

Burner covered

- White or black chips around the burner, natural white stones over the burner
- Natural white stones around and over the burner

700mm size Flame Dancer grates are available in either 5kw or 7kw heating capacities.





## SLIMLINE BUILT IN UNIT

Available as either a single or double sided unit.

These units have a firebox made out of either 304 stainless steel or mild steel painted black. The firebox is designed to be built into a brick or other non-combustible structure, with allowance for combustion air to be brought in under the firebox from any of the side walls. This combustion air can be brought in through a louvre, a shadow line step with an opening in it, or even ducted under the floor from another room.

Inside the firebox is a 1400 mm Drop In grate, with control valve for easy lighting and flame adjustment.

The unit if taken with the optional frame in stainless steel or black steel, can be finished off very simply with this slim frame as an edging, creating a very sleek look.

If the unit is taken without the optional frame, it can be built in behind a customized frame of heat resistant material such as granite. Giving the home owner immense choice in final look.

Available in 1400 mm size.

Heating Capacity of 12 Kw, 480m<sup>3</sup>



INFINITY 1400 Slimline behind Granite Frame



## CLASSIC BUILT IN UNIT

Available as either a single sided or double sided unit.

These units have a steel firebox c/w with a standard 40mm wide black frame. This firebox gets built into your masonry wall.

On completion of building, the grate style chosen, as well as any of the 6 optional trims, can be easily fitted to the firebox.

This gives considerable versatility to the unit in enabling a wide range of looks to suit each person's individual style.

Perfect for the developer, who can build in a standard firebox and later customize this to each purchaser's choice as the units are sold.

Available in 700 or 1000mm size.

Choice of standard frame or any of the 6 optional frames.

Heating capacity of 5 to 10kw, 200 – 400m<sup>3</sup> dependant on model chosen.

## STYLING CHOICES FLUELESS, BUILT IN UNITS



Standard Black



Deluxe Black or  
Stainless Steel



Extra Wide Black or  
Stainless Steel



Wraparound Black or  
Stainless Steel

INFINITI Concept Mantle

INFINITI Concept Wall



## CONCEPT

The Infiniti Concept Gas fire is designed to be hung on a wall, or with the addition of a top and bottom section, be installed as a modernistic mantle unit. Ideal for complementing today's more modern architectural styles.

These units require no messy building or costly alterations. Instead they simply bolt to the wall to give an easy and time saving installation, without the mess and disruption of building.

The top and bottom sections of the mantle are available in a choice of 3 colours. If you want your own colour scheme these sections can be over painted by your installer to your individual requirements.

Heating Capacity 5-7kw, 200-300 m<sup>3</sup> depending on model chosen.

## CHOICE OF COLOURS



Copper



Brown



Red



## SYMPHONY

This sleek wall mounted unit is designed to optimize the reflection of the flames in its brushed stainless steel rear wall, magnifying the effect of the flames for a stunning visual effect.

Not only is this unit good looking but also a powerful heater capable of heating 400m<sup>3</sup>.

Being wall hung, these units are remote from young fingers, making them very safe for families with small children.

The unit simply bolts to the wall and gets connected to a gas supply making installation very easy.

Heating Capacity 10Kw, 400m<sup>3</sup>





## DROP IN GRATE – MODERN STYLING AT ITS BEST

Our drop in grates are designed to simply drop into a hole in a slab, very much like a kitchen hob drops into the kitchen counter.

The slab can be made out of any non combustible material; concrete, granite, marble, etc. to enable you to make a fashion statement to suit your home.

It is imperative for the grate to function, that there is an adequate air supply to the underside of the slab. All our Drop in Grates are provided with a louvre for you to build into the brick structure to allow the required amount of air in.

Airflow in a room reacts differently to a flame located against or near a rear wall, to a flame located in the middle of the room. Our Drop In Grates are designed to compensate for this. If you are installing a Drop in unit with a wall at the rear of it, order a "Single Sided Unit"; if the grate is to be installed away from any walls order a "Double Sided Unit".

- Available as standard in 700, 1000, 1400 or 2000 sizes
- Available as specials with variable length & depth
- Available in black or brushed stainless steel
- Black unit is supplied with natural white stones to enable you to cover the grate in stones if so desired
- Grates can be fitted flush with slab surface or recessed into it to give different looks

### Heating capacity

• Standard Models	5-15kw	200-600m <sup>3</sup>
• Special Models	10-15kw	400-600m <sup>3</sup>

Black Drop In



Stainless Steel Drop In



Black Drop In Covered with Stones



Recessed Black Drop In Covered with Stones



INFINITI Flue-less Gas Conversion Grate



INFINITI 700 Classic Flue-less Gas Fire with Deluxe Stainless steel Frame



Photo courtesy of SA Homeowner

## CONVERSION GRATE – THE EASY WAY TO CONVERT AN EXISTING INEFFICIENT FLUED GAS OR WOOD FIRE TO A HIGHLY EFFICIENT FLUE-LESS

These grates are designed to enable the easy conversion of an existing steel or brick fireplace into a flue-less gas fire. If you have an open wood or anthracite burning fire it is as simple as sealing up the chimney opening to prevent heat loss up the chimney, running gas to the fire and connecting up our flue-less grate.

No more lighting of fires, no more smoke smell in the house, no more cleaning out the ash. Simply large quantities of heat with the convenience of a flick of a switch.

If you have a flued gas fire it is even easier. Remove the flued grate, seal up the chimney flue and fit the flue-less grate to the existing gas line. Generally a 1 to 2 hour job.

Our flue-less grate is 3 times more efficient than most flued grates. That is either a lot more heat for your house at no extra cost or the same heat with a big reduction in running cost. Plus, you will be doing your bit for our environment by utilising our gas reserves in a more beneficial manner.

- Available in 550, 700, 850 and 1050mm size
- Single or Double sided versions available

Heating capacity 5-10kw, 200-400m<sup>3</sup> depending on model chosen.

## SAFETY COMES FIRST

**INFINITI** gas fires are equipped with flame failure devices. This ensures that the gas supply is automatically switched off should the pilot light cease burning. **INFINITI** flue-less gas fires also have an oxygen depletion sensor which will switch off the fire if it detects a low level of oxygen in the room.



These safety devices make these units very safe to use. As flue-less gas fires consume oxygen and produce Carbon Monoxide/Dioxide, adequate air supply is essential to ensure peak performance from them. Please refer to the table on the last page of this brochure detailing the minimum room size our flue-less appliances should be installed in.

It is ideal that some ventilation occur, either in the form of air bricks or gaps around doors/windows, so that fresh air can be introduced and stale air removed. Chat to the salesman or gas installer you are using regarding the requirement for your application. See table on rear page containing information on minimum room sizes and ventilation requirements.

It is illegal to install any flue-less gas fire in a bedroom or bathroom.

Flue-less gas appliances of any type consume oxygen and produce quantities of Carbon Monoxide/Dioxide. In open plan areas these changes to the air quality will have no effect on the majority of people. If however someone who has extreme asthma is in the room with this type of appliance working, it may have an adverse effect on them.

It is legal requirement that all gas appliances be installed by a gas installer registered by SAQCC-Gas. Please verify that your installer is registered by asking to see his "drivers licence" style registration card.



## FLAME DANCER ABSTRACTS

This is a range of flue-less gas fires developed by Infiniti Fires using their high-tech Flame Dancer grate.

The bodies of these gas fires were designed to be different to what is currently produced in South Africa, with innovative thinking about minimising steel waste and maximising look and heating capacity.

In line with the great abstract architects and painters of the last century who dared to be different, these units are designed to be both functional and aesthetically pleasing in a minimalist way. We have named our units after some of these great achievers.

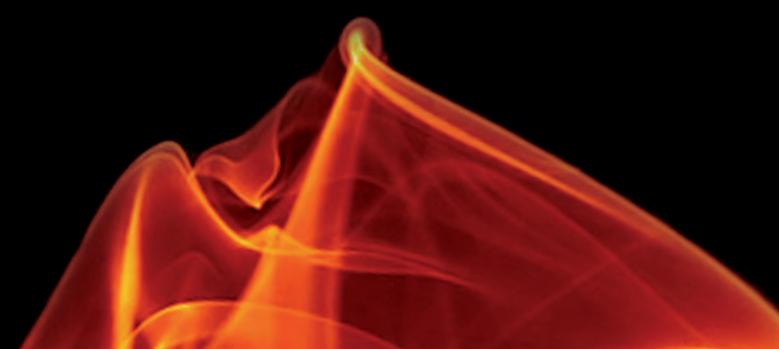
## PICASSO

The wall-mounted Picasso unit, with its sleek contours, is a feature to be fitted onto a wall at the same height as a picture. It is designed to be retro-fitted after a wall is complete, by simply bolting it to the wall and connecting it to a gas supply.

## CORBUSIER

The single- and double-sided Corbusier have a space-saving 310mm depth, making them very easy to build into internal brick walls, whilst giving a very stylish appearance.

Heating Capacity 5-7kw, 200-300 m<sup>3</sup> depending on model chosen.





## FIREFOX DAMPER UNITS WOOD OR GAS

There is a call from people wanting to have an open fire that looks like a traditional brick fireplace. To build this type of fire to not smoke involves some complexity in building a smoke shelf and chimney of the right proportions.

Our steel damper units come in a range of sizes from 850mm to 1500mm wide. They have all the right sizes and proportions to collect the smoke and push it up the chimney.

They are built into the brick chimney directly above the fireplace opening, so that they are not visible from the room. This gives the effect of an open brick fireplace without the worry of going the more complex brickwork route.

In addition to the ease of installation, our damper units have an adjustable chimney control designed to maximise heat from the fire - a considerable improvement over a normal brick fireplace. Refer to page 21 for details on how these units are built in.





## WOOD STOVES

The ever increasing price of electricity has pushed the cost of heating a home by electricity to unsustainable levels. This coupled with increasing awareness of the importance of preserving the environment, has led to a demand for a cost effective way of heating homes, that is environmentally aware.

Wood stoves have been used in Europe for the last 150 years as a much more efficient source of heat. These remarkable units are designed to burn wood slowly, with minimal emissions into the atmosphere and lots of heat.

When burning a fossil fuel (gas, coal, anthracite), carbon is released from storage in the ground, into the atmosphere, causing the Greenhouse Effect so worrying scientists. At present, apart from better emission controls at power stations and more efficient appliances, not much can be done to stem these negative effects on our environment.

However, if you plant a tree to replace the tree you have cut down, the growing tree will take as much or more carbon out of the air, than the cut tree will produce, when burnt in our highly efficient wood stoves. A win-win for us all. A cleaner planet, a forestry industry and warm homes.

## SPECIAL FEATURES OF OUR WOOD STOVES INCLUDE:

A full vermiculite jacket inside the fire. This insulating material raises the combustion temperature inside the fire to in excess of 950°C. At these temperatures the wood burns highly efficiently sending very little emissions into the atmosphere. The high temperature combustion sends about 70% of the heat of the fire out through the door glass as an infrared light wave. This enables the heat to travel long distances across the room and keeps the heat down where you want it, particularly important in open plan/ double volume spaces.

A long slow burn time so that the fire can comfortably burn through the night or whilst we are out during the day. We have found that with a full load of good quality wood, the 8kw stove can burn at slow pace for up to 12 hours and the 13kw stove up to 15. Feats hitherto unheard of on any wood stove sold in South Africa.

INFINITI 8 Kw Freestanding (Cube look)



INFINITI 8 Kw Freestanding (Leg look)



## 8KW FREESTANDING

This freestanding unit comes standard with 80mm high legs and a conversion plate. By simply removing two screws and fitting the conversion plate, the unit can be changed to create a cube effect.

These units can be installed either sitting on floor tiles or a hearth, or can be installed on top of our wood storage table, thereby creating a range of looks from the same unit.

The units all have rear heat deflector plates, enabling them to be installed 150mm off plaster walls. A snug fit for best look.

These units are available with both top and rear flue exits.

Heating capacity of 8kw / 320m<sup>3</sup>.

## BLACK BORDER GLASS



Our range of stoves (8 to 14 Kw) come as standard with clear glass:

- Black Border Glass is available as an optional extra on our 10, 13 & 14 Kw units. This border enhances the look of the unit, whilst still enabling good visuals of the flames.
- Our 10 & 13 Kw Stainless Steel leg units come as standard with Black Border Glass.



## 10, 13 & 14 KW FREESTANDING RANGE

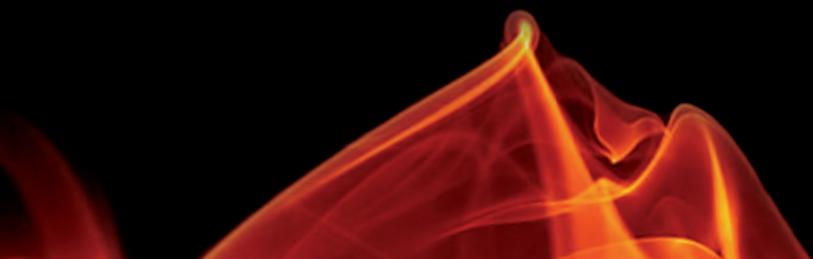
These units are available as:

	10 Kw	13 Kw	14 Kw
Double Sided			
Black Legs	✓	✓	
Stainless Steel Legs	✓	✓	
Convection Unit		✓	✓
Heating Capacity	400m <sup>2</sup>	520m <sup>2</sup>	560m <sup>2</sup>

Convection Units can either be positioned on a non-combustable surface or used with the optional wood storage box, to raise the unit and provide space for 1 to 2 days wood storage.



INFINITY Freestanding 13 Kw Convection Unit with Wood Storage Box



INFINITY 14 Kw Freestanding Double Sided Convection Unit with Storage Box



INFINITY 13 Kw Freestanding with Black Legs



INFINITY 13 Kw Freestanding with Stainless Steel Legs



## INFINITI WOOD INSERTS

Infiniti's wood stoves are available as inserts. Using the same tried and trusted fireboxes as the freestanding units, these models are designed to be built into brickwork to give you that swisher look.

They are manufactured with a built-in convection system. This funnels air around the outside of the hot firebox, bringing it back into the room as hot air. This increases the efficiency of the unit to just below that of the freestanding unit.

They are ideal for those existing homes that have a brick chimney as well as for new homes/renovations where chimneys are to be built.

With the same high temperature combustion and long burn times of the freestanding units, these inserts are capable of heating large areas of home.

Available as standard with a 40mm black frame.

Available in the following versions:

Unit	Heat (Kw)	Heat (m³)
Single Sided Insert	8kw	320
	10kw	400
	13kw	520
Double Sided Insert	14kw	560



INFINITI 10kw Insert



## CONVERSION WOOD INSERTS

These Infiniti Inserts are designed to convert existing built-in Jetmaster 700D and 700 Double Sided Universals to high efficiency wood stoves; capable of economically heating large areas.

By using a cutting torch to cut away the internal parts of the existing Universal, you are able to slide our insert into the external remains of the Universal. Our steel frame covers up to the external dimensions of the existing Universal frame to give a tidy fit.

This means our insert can be completely installed in less than a day without any damage or re-work to the walls around the existing Universal. This saves a lot of dust and disruption to the room as well as minimising the costs of changing to our powerful insert.

Available in the following versions:

Unit	Heat (Kw)	Heat (m³)	Converts
Infiniti Single Sided	10kw	400	Universal 700D
Infiniti Double Sided	14kw	560	700 Double Sided

Insert being slid into 700 Double Sided Universal

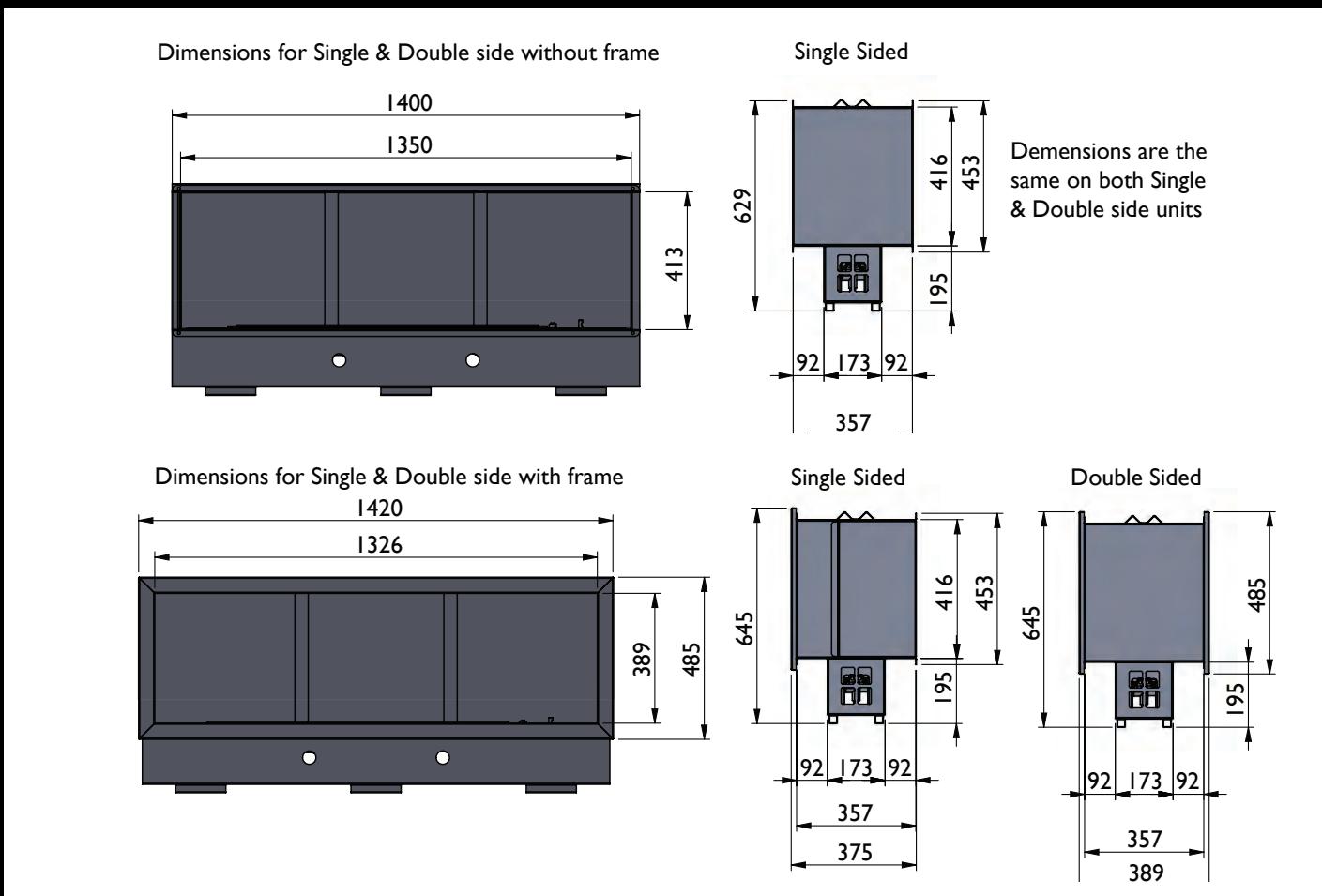


Completed Look

# FLUE-LESS GAS FIRES

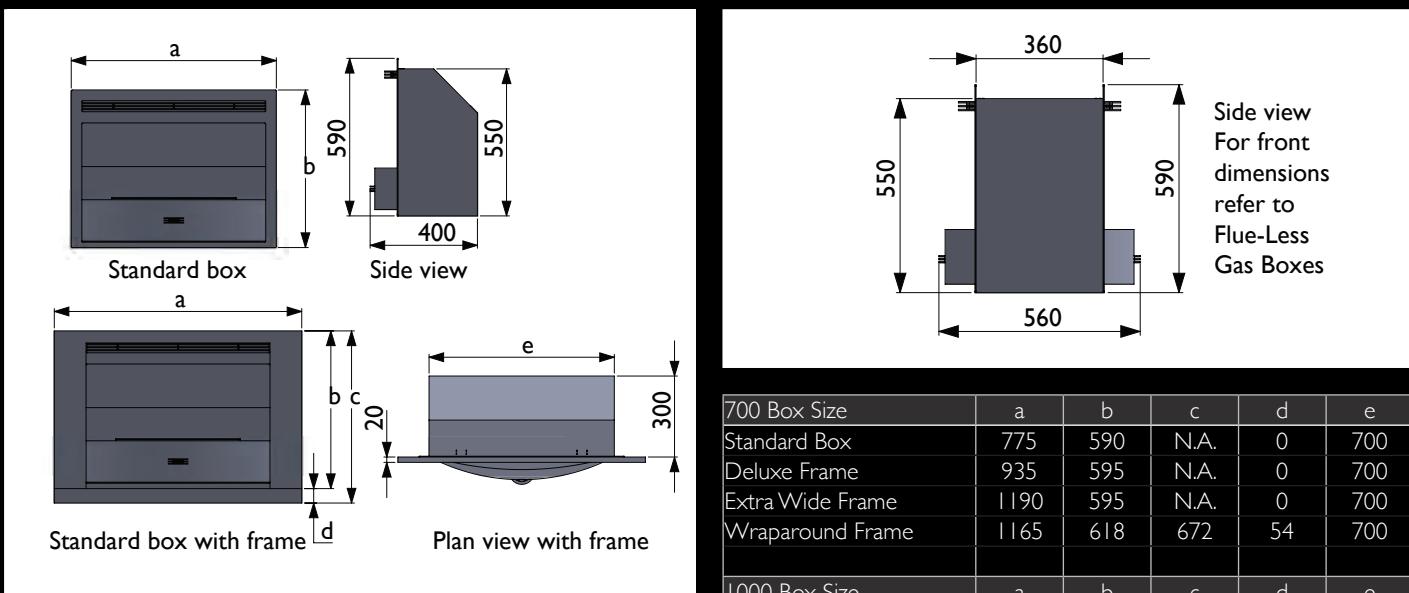
## BUILT IN UNITS

### SLIMLINE



### CLASSIC SINGLE SIDED

### DOUBLE SIDED



## STYLING CHOICES

Deluxe Black Frame



Deluxe Stainless Steel



Standard Black



Extra Wide Black Frame



Extra Wide Stainless Steel



Wraparound Black Frame

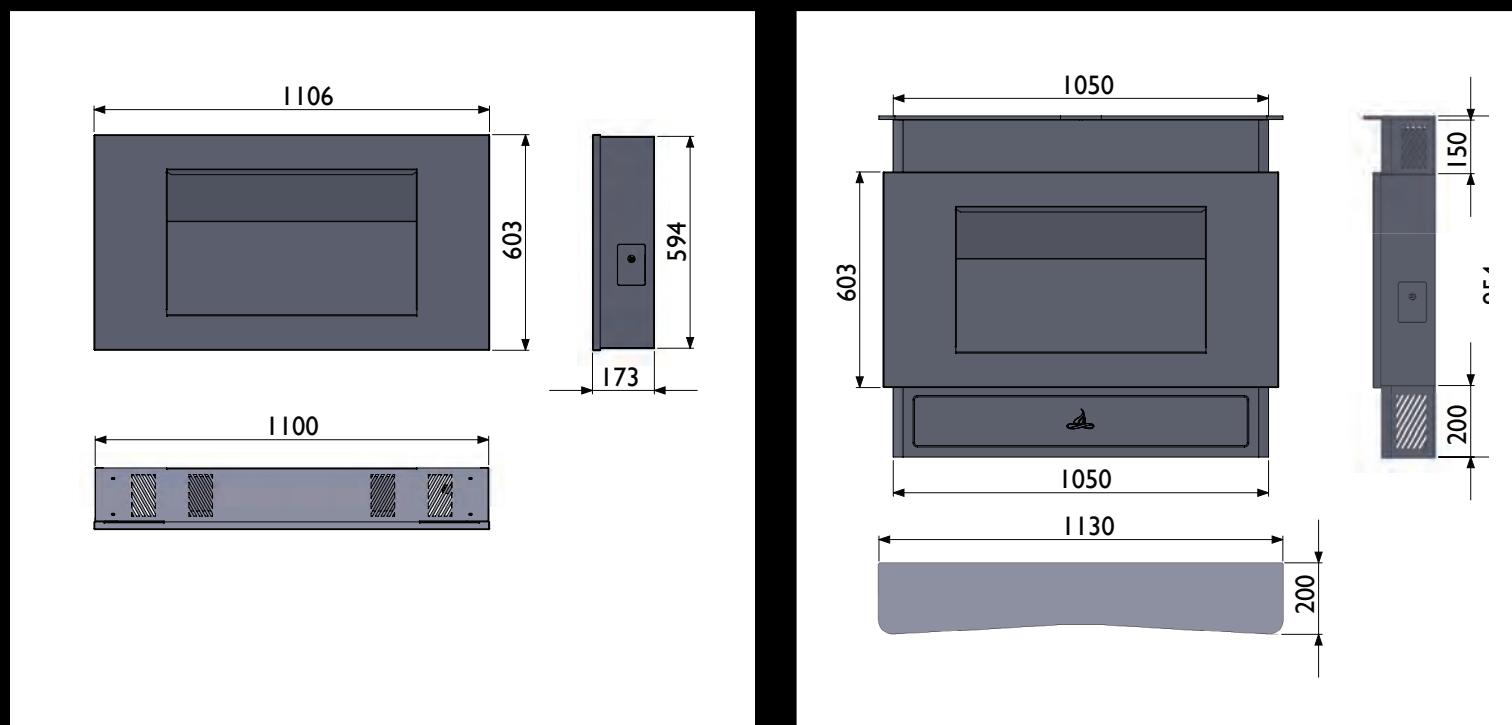


Wraparound Stainless Steel

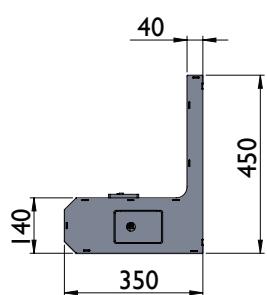
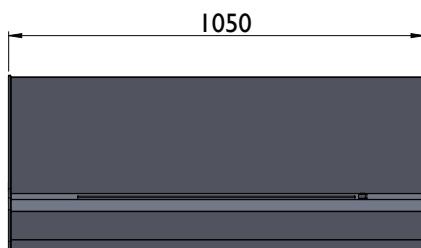


## CONCEPT WALL

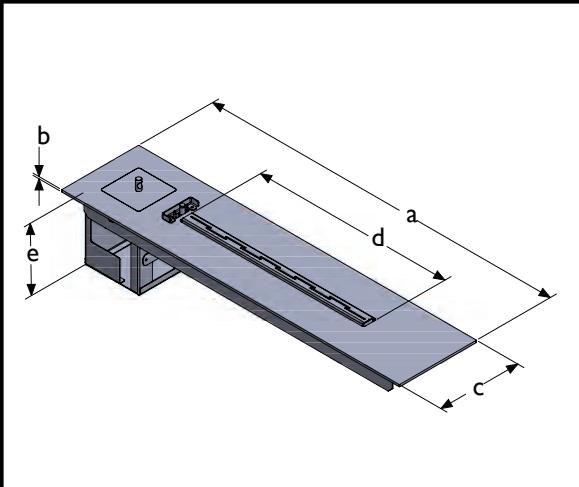
MANTLE



## SYMPHONY

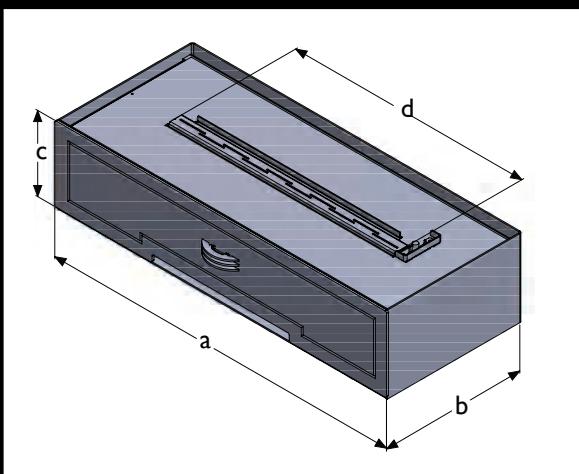


## DROP IN GRATE



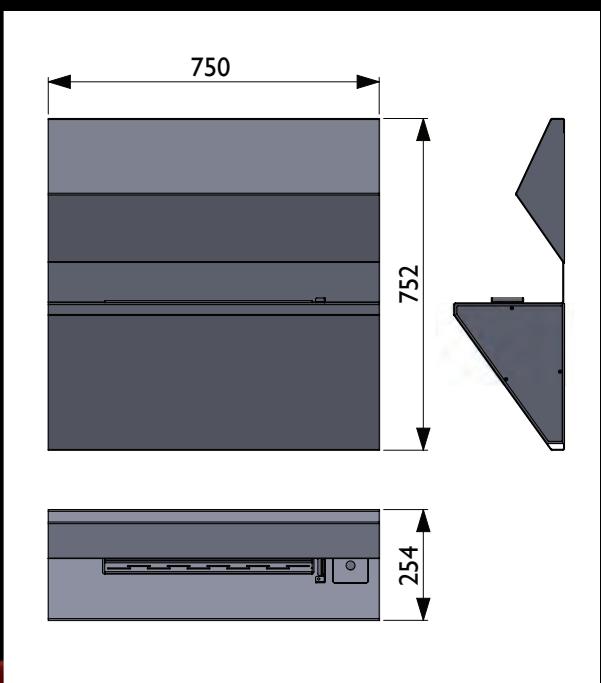
Grate Size	a	b	c	d	e	Size of cutout for grates to drop into
700	880	5	200	470	170	170mm x 840mm
1000	1100	5	200	700	170	170mm x 1060mm
1400	1400	5	200	940	170	170mm x 1360mm
2000	2000	5	200	1400	170	170mm x 1960mm
Special dimensions a & c variable	Variable	5	Variable	940	170	(c-30mm) x (a-40mm)
	Variable	5	Variable	1400	170	(c-30mm) x (a-40mm)

## CONVERSION GRATE

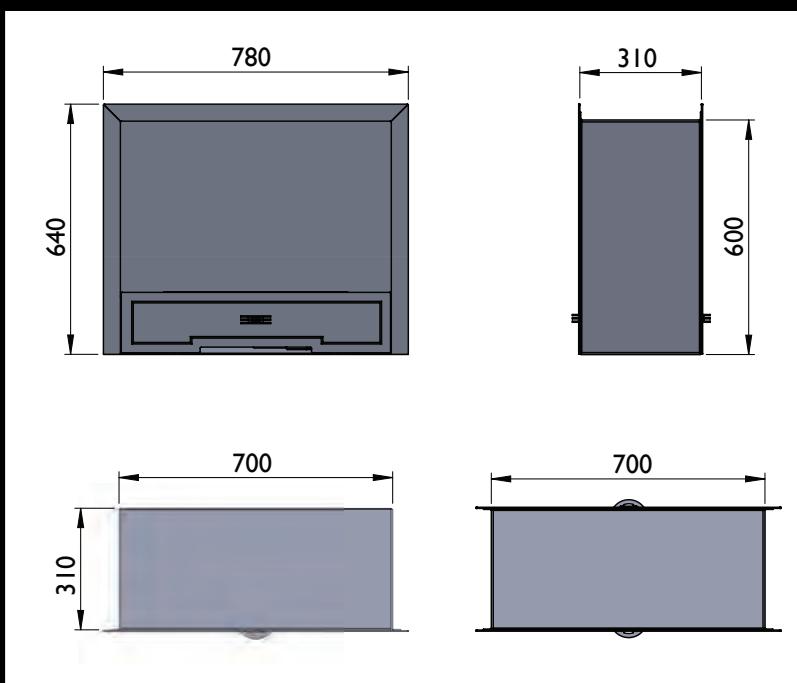


Grate Size	a	b	c	d
550	535	285	160	470
700	685	285	160	470
700 Double Sided	685	550	160	470
850	835	285	160	700
850 Double Sided	835	550	160	700
1050	1035	445	160	700
1050 Double Sided	1035	550	160	700

## PICASSO

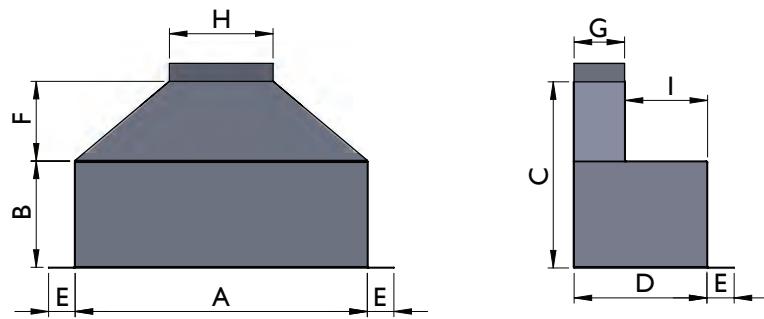


## CORBUSIER SINGLE SIDED



## DOUBLE SIDED

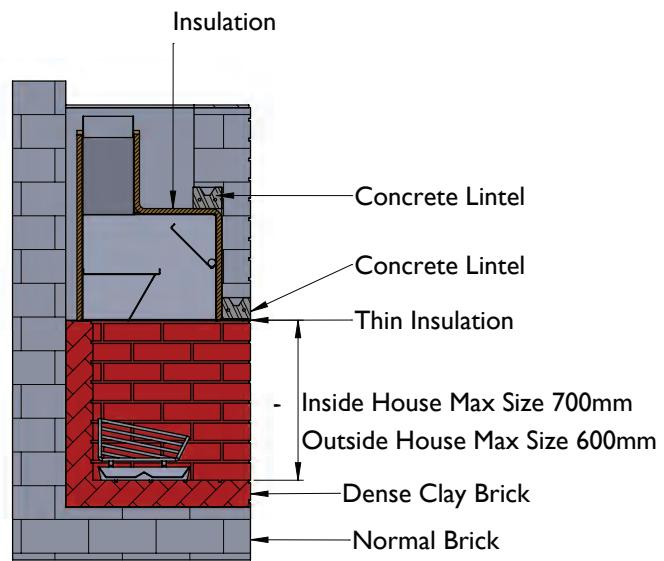
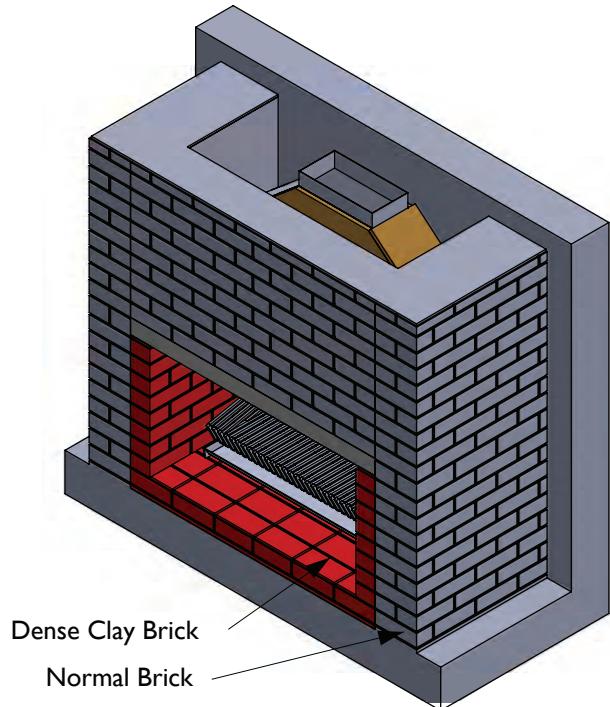
# OPEN WOOD FIRES DAMPER UNIT



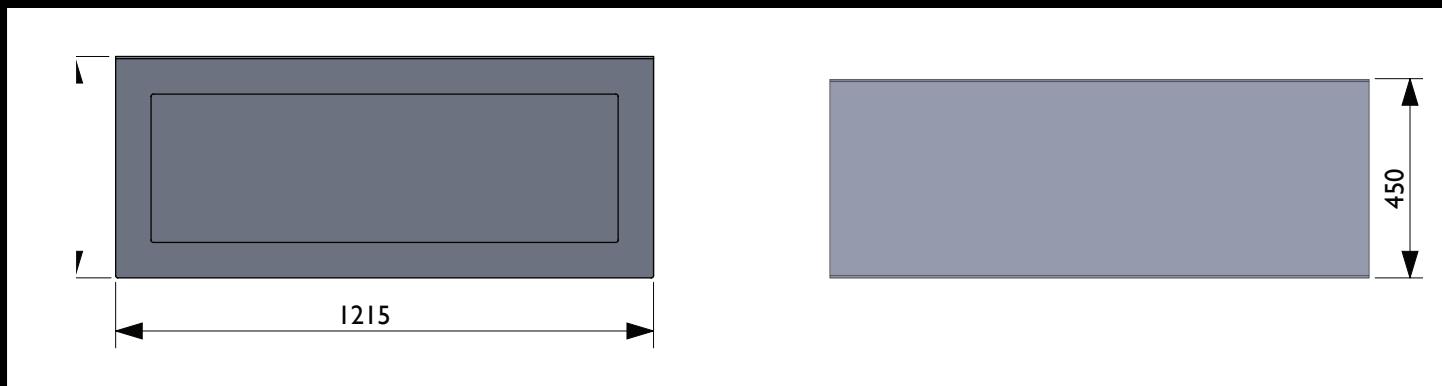
Product	A	B	C	D	E	F	G	H	I
850 Damper	900	400	650	455	100	250	200	300	265
1050 Damper	1100	400	700	505	100	300	200	400	310
1200 Damper	1250	400	700	505	100	300	350	500	155
1500 Damper	1550	400	700	505	100	300	350	500	160

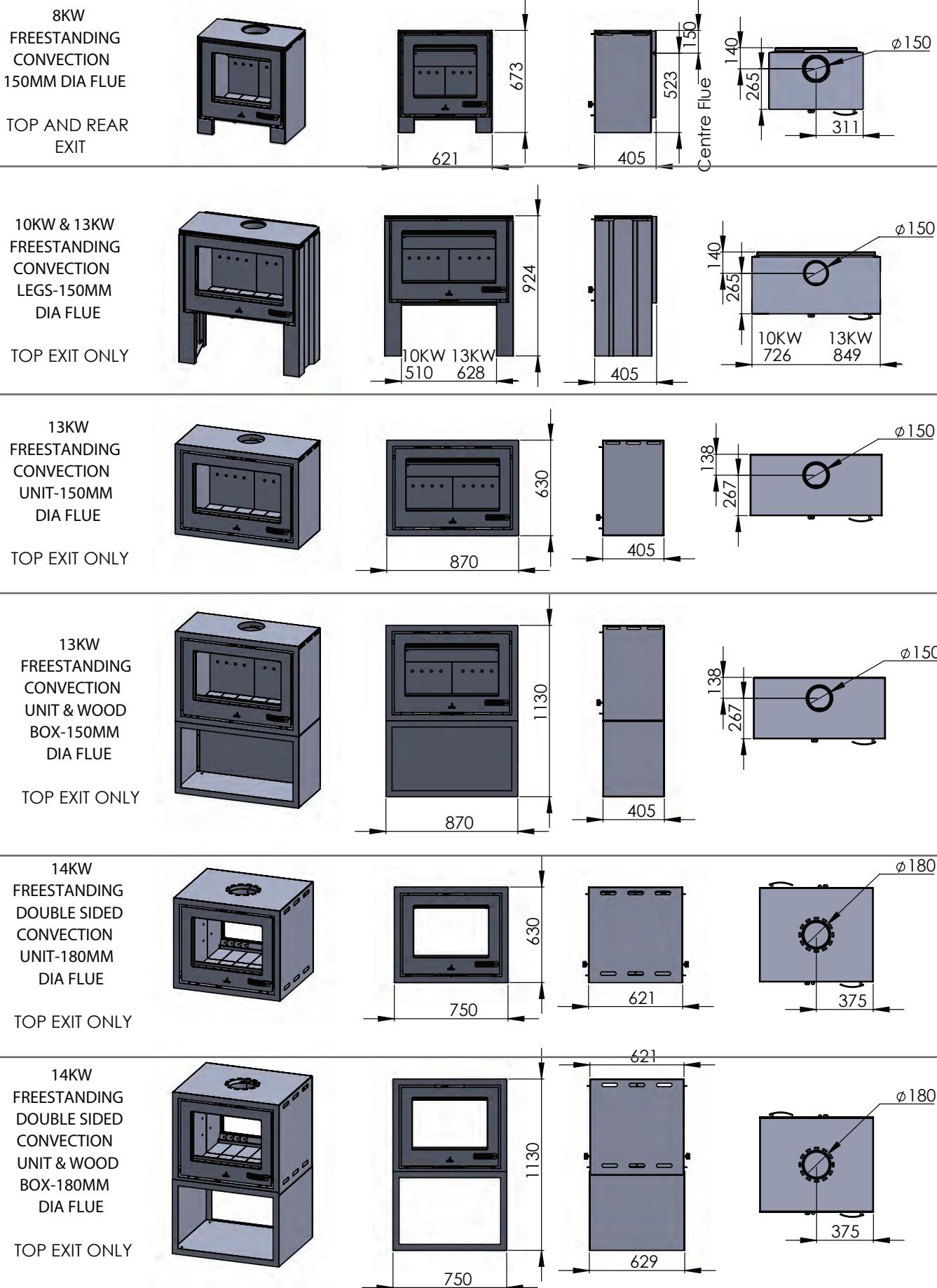
Circular Flue  
 275mm Diameter  
 300mm Diameter  
 N/A  
 N/A

Typical Installation Detail



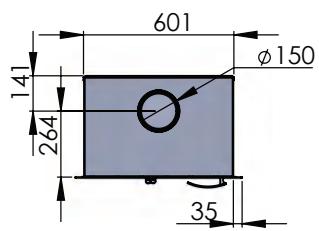
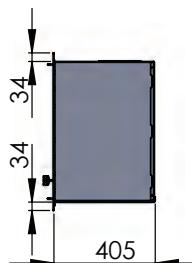
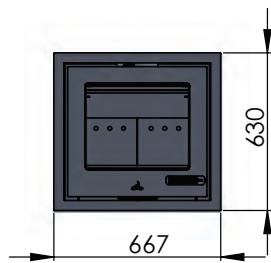
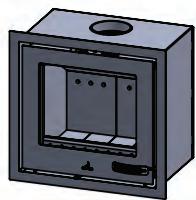
# CLOSED COMBUSTION WOOD STOVES FREESTANDING WOOD STOVE TABLE





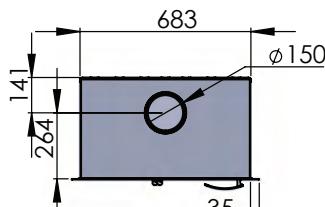
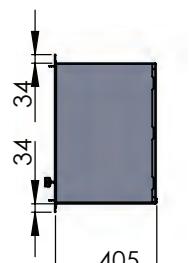
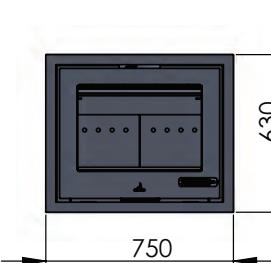
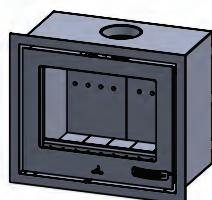
8KW INSERT  
150MM DIA FLUE

TOP EXIT ONLY



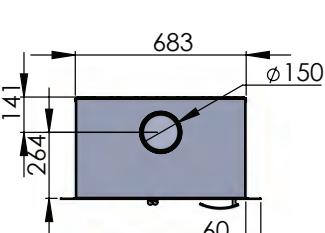
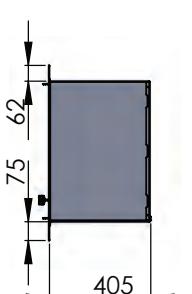
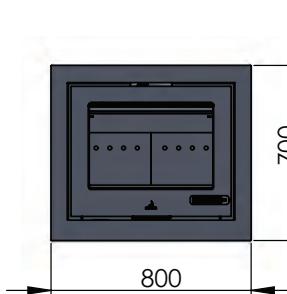
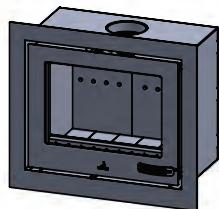
10KW INSERT  
150MM DIA FLUE

TOP EXIT ONLY



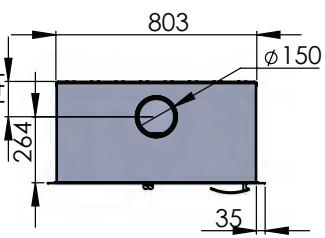
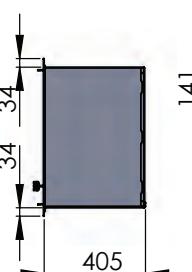
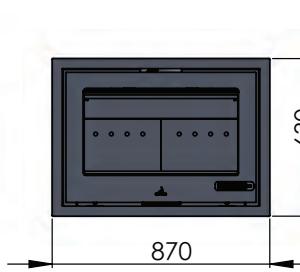
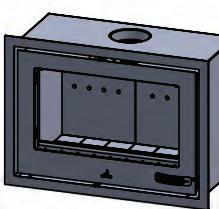
10KW INSERT  
(CONVERSION UNIT)  
150MM DIA FLUE

TOP EXIT ONLY



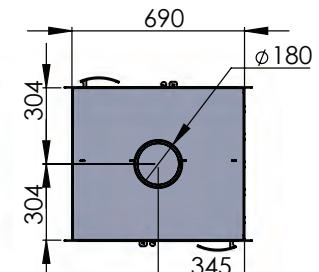
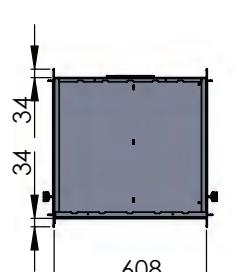
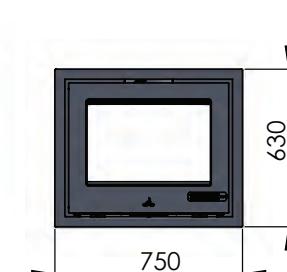
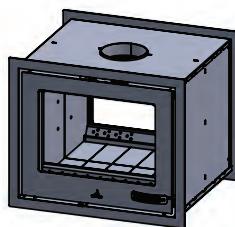
13KW INSERT  
150MM DIA FLUE

TOP EXIT ONLY



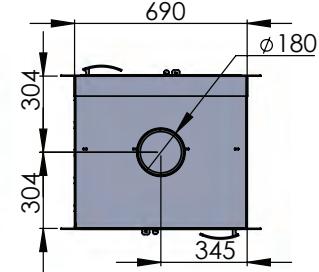
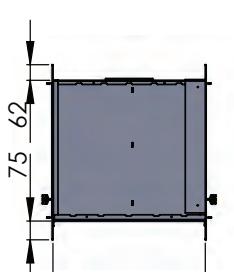
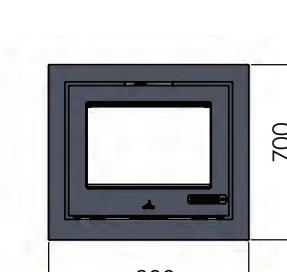
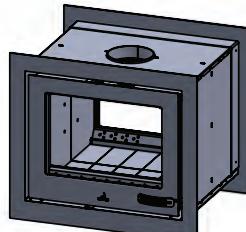
14KW INSERT  
DOUBLE SIDED  
180MM DIA FLUE

TOP EXIT ONLY



14KW INSERT  
DOUBLE SIDED  
(CONVERSION UNIT)  
180MM DIA FLUE

TOP EXIT ONLY



## GAS FIRES

UNIT	Heat Output	Heating Capacity	Gas Consumption		Legal Minimum Room Size	Permanent Ventilation Required*
			g/hr			
	Kw	m³	Lo	Hi	m³	cm²
<b>Built In Units</b>						
<b>Single Sided</b>						
700 Corbusier/ Classic 200	5 Kw	200	150	300	60	2 x 98
700 Corbusier/ Classic 300	7 Kw	300	250	490	98	2 x 160
1000 Classic	10 Kw	400	450	740	148	2 x 240
Slimline 1400	12 Kw	480	450	950	190	2 x 310
<b>Double Sided</b>						
700 Corbusier/ Classic 200	5 Kw	200	150	300	60	2 x 98
700 Corbusier/ Classic 300	7 Kw	300	250	490	98	2 x 160
1000 Classic	10 Kw	400	450	740	148	2 x 240
Slimline 1400	12 Kw	480	450	950	190	2 x 310
<b>Wallmounted</b>						
Concept/ Picasso 200	5 Kw	200	150	300	60	2 x 98
Concept/ Picasso 300	7 Kw	300	250	490	98	2 x 160
1000 Symphony	10 Kw	400	450	740	148	2 x 240
<b>Drop In Grates</b>						
700 Drop In 200	5 Kw	200	150	300	60	2 x 98
700 Drop In 300	7 Kw	300	250	490	98	2 x 160
1000 Drop In	10 Kw	400	450	740	148	2 x 240
1400 Drop In	12 Kw	480	450	950	190	2 x 310
2000 Drop In	15 Kw	600	600	1200	240	2 x 390
Special - 940mm Burner	12 Kw	480	450	950	190	2 x 310
Special - 1400mm Burner	15 Kw	600	600	1200	240	2 x 390
<b>Conversion Grates</b>						
550/700 Conv 200	5 Kw	200	150	300	60	2 x 98
550/700 Conv 300	7 Kw	300	250	490	98	2 x 160
850 Conversion	10 Kw	400	450	740	148	2 x 240
1050 Conversion	10 Kw	400	450	740	148	2 x 240

\*Permanent Ventilation is required if your room is smaller than the legal requirement.

## WOOD STOVES

### Free Standing

8 Kw Freestanding	8 Kw	320m³
10 Kw Freestanding	10 Kw	400m³
13 Kw Versions	13 Kw	520m³
14 Kw Double Sided	14 Kw	560m³

### Inserts

8 Kw Insert	8 Kw	320m³
10 Kw Insert	10 Kw	400m³
13 Kw Insert	13 Kw	520m³
14 Kw Double Sided Insert	14 Kw	560m³

## WARRANTY

- 15 Year warranty on built in fireboxes
- 5 Year warranty on wood stoves
- 2 Year warranty on gas grates

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Please visit our website for information on installation manuals, warranty and dealer locations etc.

[www.infinitifires.co.za](http://www.infinitifires.co.za)

