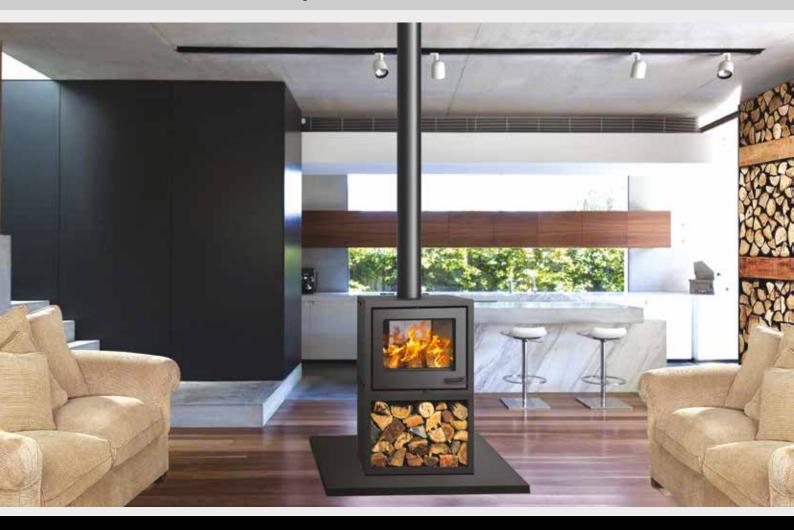


INFINITI FIREPLACES





a new generation in heating



INFINITI FIRES™ FIREPLACES AND THE ENVIRONMENT

The Infiniti Fires range of superior gas and wood fires is the result of extensive research around South African consumer requirements in home heating.

A group of South African fireplace industry experts have combined their knowledge, to ensure that Infiniti's fireplace products are:

- Capable of effectively heating South African homes
- Highly efficient, making optimal use of the fuel burnt
- Easy to use and safe
- Economically viable heating solutions
- Environmentally friendly
- Modern looking to complement today's architecture

CLOSED COMBUSTION WOOD STOVES (CCWS): THE FACTS

- CCWS are rated around the world at being both efficient & environmentally friendly home heating.
- Wood being burnt in our stoves reaches a combustion temperature in excess of 900c. At these temperatures, wood is burnt at nearly 80 % efficiency, wasting very

little in the way of heat into the atmosphere.

- Flue emissions from wood being burnt in our stoves are less than if the wood had rotted naturally in the forest. If you are growing trees and burning the excess /dead wood your contribution towards global warming is nil from a CCWS.
- The cost of heating (assuming you are buying wood at about R 1200 per tonne) is about 45 c per kwhr. About 20% of the price of electricity in SA. The cost of installing one of our stoves in your home will typically be paid off in about 2 years of savings in electricity bills.
- Warming your home with a CCWS, instead of electricity, will reduce electrical demand by about 10 000 KwHrs per year. This change in your home will save Eskom burning 4 tonnes of coal and using many thousands of litres of water per year. For a country with high air pollution and scarce water, something we should all be looking at.

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



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



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 Drop In grate, with control valve for easy lighting and flame adjustment. The unit, if taken with a 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 a frame, it can be built in behind a customised frame of heat resistant material such as granite. Giving the home owner immense choice in final look.

Available in 1000, 1400 or 2000 mm sizes.

Heating Capacity of 10 to 15 Kw, 400 - 600m³ dependent on model chosen.





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 thick 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 customise this to each purchaser's choice as the units are sold. Available in 700 or 1000 mm size. Choice of standard frame or any of the 6 optional frames. Heating capacity of 5 to 10kw, 200 - 400m³ dependant on model chosen.







WALL MOUNTED UNITS

These units require no messy or costly building work. Instead they simply bolt to the wall and connect to a gas supply, providing an easy and time saving installation.

With our 3 wall hung units, these are remote from young fingers, making them very safe for families with small children.

CHOICE OF COLOURS



CONCEPT

The Infiniti Concept gas fire is designed to either 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.

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

Heating capacity 5-7Kw, 200-300m³ depending on model chosen.



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.

Heating Capacity 10Kw, 400m³

PICASSO

In line with the great abstract architects and painters of the last century, who dared to be different, this unit is designed to be both functional and aesthetically pleasing in a minimalist way.

Designed to be fitted onto a wall at the same height as a piece of art.

Heating Capacity 5-7Kw, $200\text{-}300\text{m}^3$ depending on model chosen.



INFINITI Picasso



DROP IN GRATE - MODERN STYLING AT ITS BE

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 880, 1100, 1400 or 2000 mm 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 200-600m³ Special Models 10-15kw 400-600m³

Black Drop In



Stainless Steel Drop In



Black Drop In Covered with Stones



Recessed Black Drop In Covered with Stones







CONVERSION GRATE - THE EASY WAY TO CONVERT AN EXISTING INEFFICIENT FLUED GAS OR WOOD FIRE TO A HIGHLY EFFICIENT FLUEL ESS

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, 200-400m³ 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.

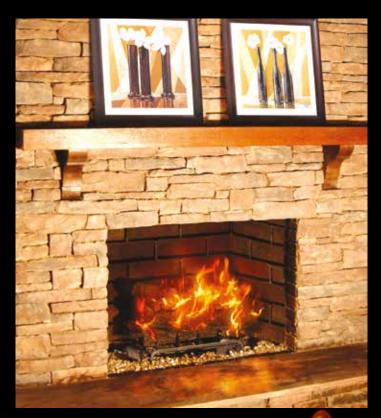
It is illegal to install any flue-less gas fire in a bedroom or bathroom.

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.







OPEN WOOD FIRES, DAMPER UNITS & BASKET GRATES

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. Couple the damper with one of our Basket Grate and Pans, providing a sturdy grate to hold the burning embers and an ash-pan located beneath the grate for easy cleaning of the ashes.

Refer to page 20 for details of damper units and Basket grate and Pans.



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.





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.

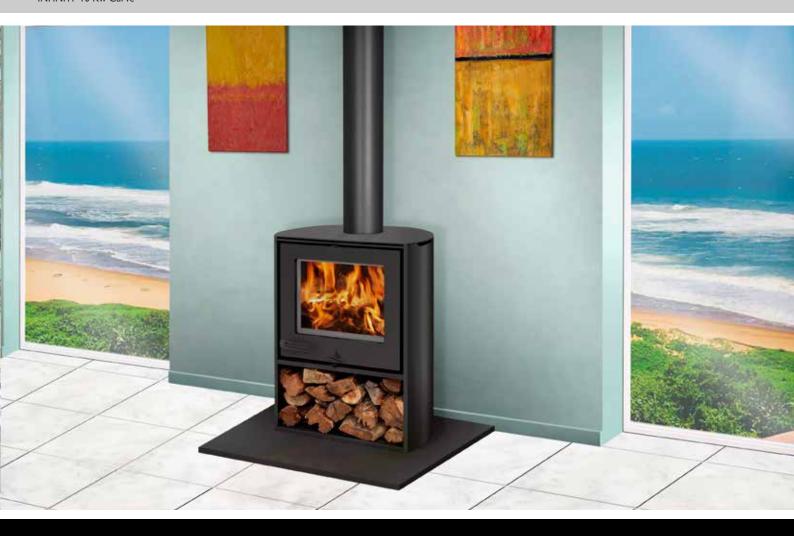
The units all have rear heat deflector plates, enabling them to be installed 150mm off plaster walls. A snug fit for best look.

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

Heating capacity of 8kw / 320m³.



Wood Stacking for Top Down Lighting



TOP DOWN LIGHTING

For centuries savvy owners of open wood fires have used a Top Down Lighting method to best ignite wood in their fires. These same principles apply in Wood Stoves.

Place the bigger pieces of wood on the base of the stove and stack the wood with air gaps between the pieces, getting gradually smaller with the size of wood, finishing with kindling wood at the top.

Put the firelighter amongst the kindling wood at the top and light. Close the door sufficient to give an opening of about 10 mm. This slight opening of the door will feed air rapidly into the fire, like holding a hair dryer in position.

The heat from the firelighter and kindling wood will warm the chimney, which increases the draw on the fire. The lit kindling will gradually light the bigger, denser pieces of wood below.

Lighting a fire in this manner will make lighting the fire easier, will keep the door glass cleaner and also reduce emissions up the chimney in the lighting process.

Once the fire is well lit (generally about 10 minutes), close the door and operate the Wood Stove using the air controls to feed in the right amount of air for the required heat output.

INFINITI CURVE UNITS

Our new 10 & 12 Kw Curve units are designed with gentle curves on either side to give this unit a smooth oval look. The larger convection chamber and ventilated top plate, enhances air circulation to improve the efficiency of the unit, as well as decreasing the temperature of the steel side walls for a safer touch by hands.

The unit functions equally well whether positioned on a flat wall or orientated across a corner.

These units are available with both top and rear exit flue options.

Heating Capacity 10 Kw/400 m³ 12 Kw/480 m³





INFINITI 13Kw Convection Unit

10, 13, 14 & 18 KW FREESTANDING RANGE

These units are available as:

	10 Kw	13 Kw	14 Kw Double Sided	18 Kw Single & Double Sided
Black Legs	√	1		√
Stainless Steel Legs	√	√		
Convection Unit	√	√	1	1
Optional Wood Storage Box	1	1	1	1
Heating Capacity	400m³	520m³	560m³	720m³

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. Our 18 Kw Single & Double Sided Convection units can be positioned on a non combustible floor, on an optional Wood Storage Box or on a set of elegant legs. See page 22 for details.

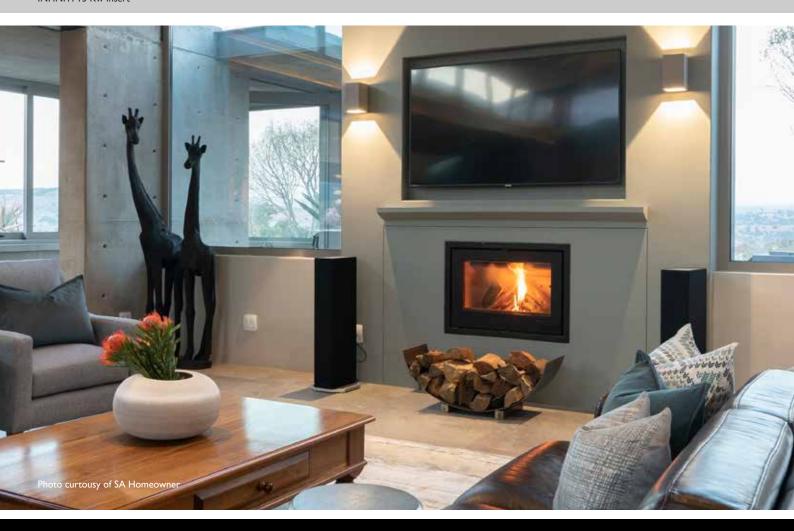








INFINITI 13 Kw St Steel Leg Unit



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
	18kw	720
Double Sided Insert	14kw	560
	18kw	720



INFINITI 10kw Insert





Insert being slid into 700 Double Sided Universal



Completed Look

WOOD INSERTS TO CONVERT EXISTING BUILT IN JETMASTER UNIVERSALS

These Infiniti inserts are designed to easily convert existing built in Jetmaster units to high efficiency wood stoves. By using a cutting torch or plasma cutter to cut away the unwanted internal parts of the existing Jetmaster, enough space is created, that 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 that 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 heat output insert.

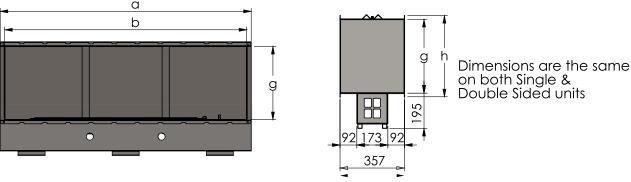
Available in the following versions:

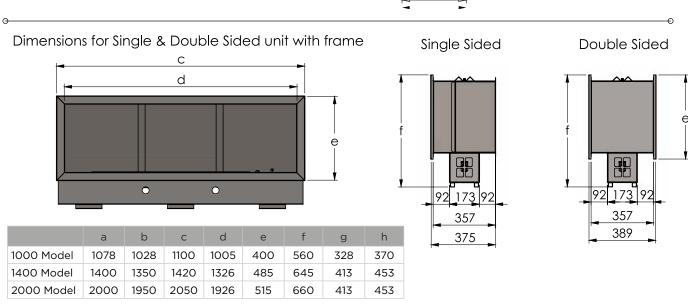
Unit	Heat (Kw)	Heat (m³)	Converts
10 Kw Conversion	10kw	400	700D Universal
14 Kw Double Sided Conversion	14kw	560	700 Double Sided Universal
18 Kw Conversion	18kw	720	1050 Universal
18 Kw Double Sided Conversion	18kw	720	1050 Double Sided Universal

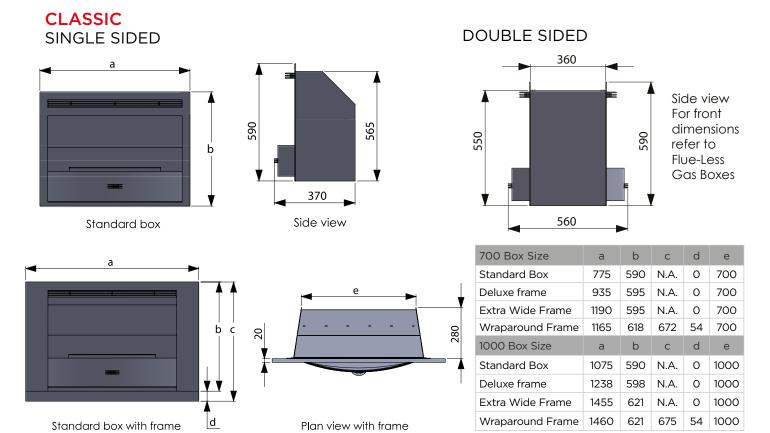
FLUE-LESS GAS FIRES

SLIMLINE

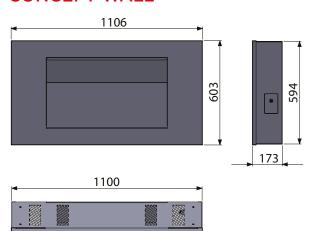
Dimensions for Single & Double Sided unit without frame



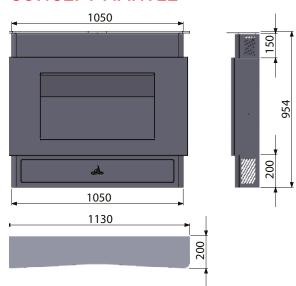




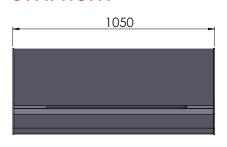
CONCEPT WALL

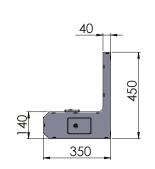


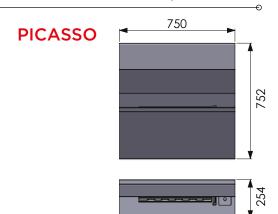
CONCEPT MANTLE



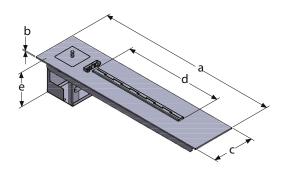
SYMPHONY





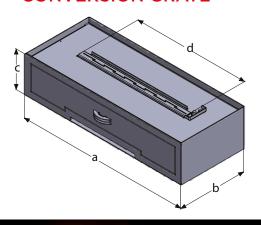


DROP IN GRATE



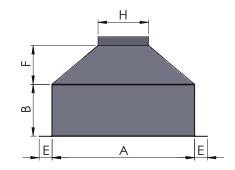
Grate Size	а	b	С	d	е	Size of cut out for grate to drop into
880	880	5	200	470	170	170mm x 840mm
1100	1100	5	200	700	170	170mm x 1060mm
1400	1400	5	200	940	170	170mm x 1360mm
2000	2000	5	200	1400	170	170mm x 1960mm
Special dimensions	variable	5	variable	940	170	(c-30mm) x (a-40mm)
a & c variable	variable	5	variable	1400	170	(c-30mm) x (a-40mm)

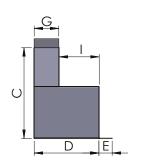
CONVERSION GRATE



Grate Size	а	b	С	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

OPEN WOOD FIRES DAMPER UNIT

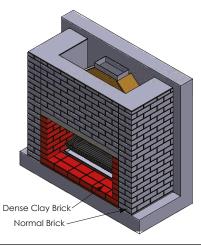


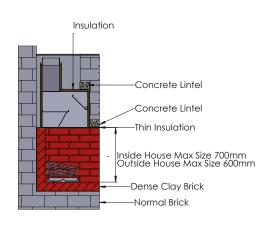


Product	a	b	С	d	е	f	g	h	1
850 Damper	900	400	650	455	100	250	200	300	265
1050 Damper	1100	400	700	505	100	300	200	400	310
1200 Damper	1250	400	700	505	100	300	350	500	155
1500 Damper	1550	400	700	505	100	300	350	500	160

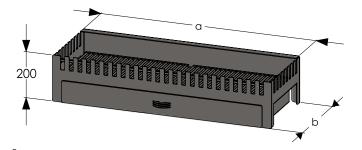
Circular Flue 275mm Diameter 300mm Diameter N/A N/A





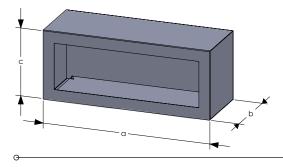


BASKET GRATE & PAN



Product	а	b
600 Model	570	280
700S Model	670	280
700D Model	670	345
800 Model	780	345
1000 Model	960	345
1200 Model	1145	425

WOOD STOVE - WOOD STORAGE TABLES

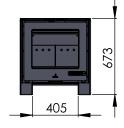


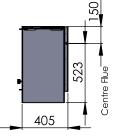
	а	b	С
Long Storage	1215	450	500
8Kw	621	450	500
13Kw	870	405	500
14Kw D/S	750	629	500
18Kw	1100	482	500
18Kw D/S	1100	502	500

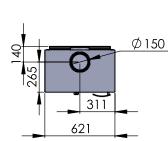
D/S units have securing lips on top of tables to hold wood stove secure

FREESTANDING WOOD STOVES C/W LEGS

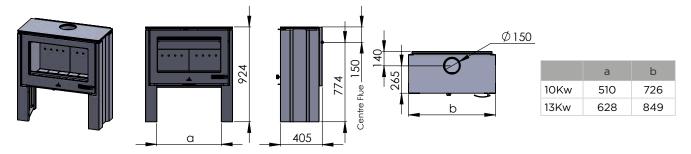






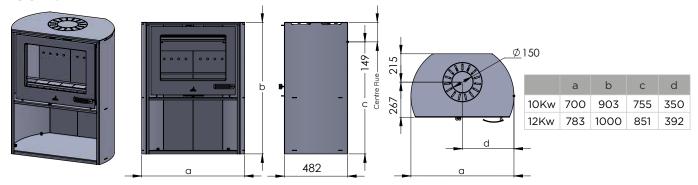


8Kw | Cube | Freestanding | Convection | 150mm Dia Flue | Top or Rear Exit



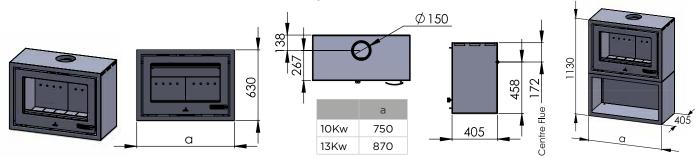
10/13Kw | Freestanding | Convection | Legs | 150mm Dia Flue | Top or Rear Exit

CURVE

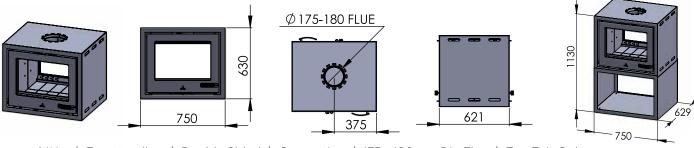


10/12Kw | Curve | Freestanding | Convection | 150mm Dia Flue | Top or Rear Exit

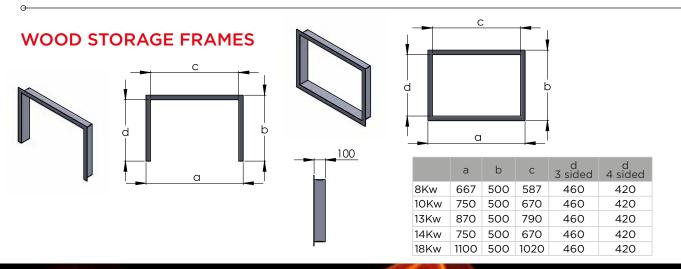
FREESTANDING WOOD STOVES C/W CONVECTION BOXES



10/13Kw | Freestanding | Convection | 150mm Dia Flue | Top or Rear Exit

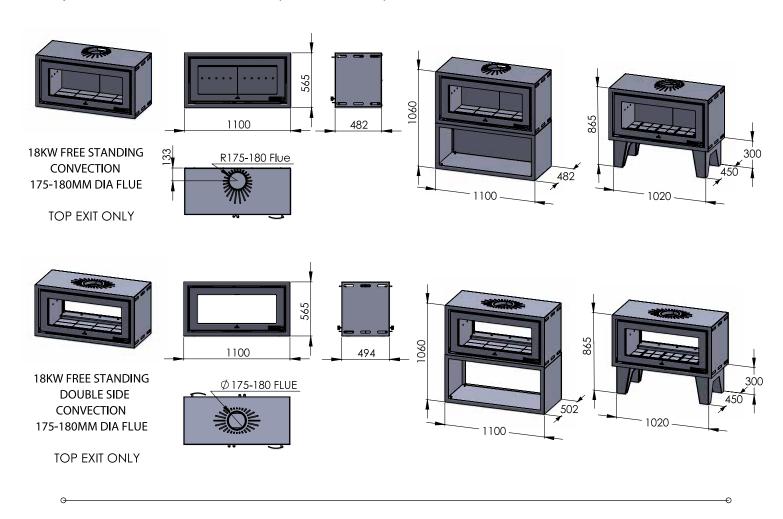


14Kw | Freestanding | Double Sided | Convection | 175 - 180mm Dia Flue | Top Exit Only



FREESTANDING WOOD STOVES

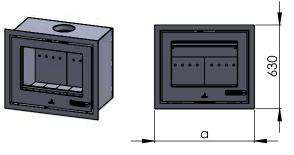
C/W CONVECTION BOXES (CONTINUED)

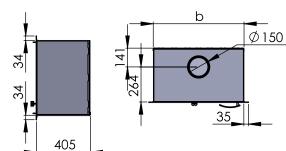


BUILT IN WOOD STOVES NEW BUILD



TOP EXIT ONLY

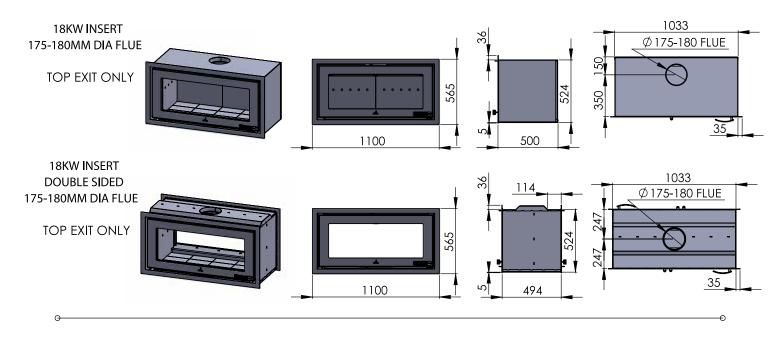




	а	b			
8Kw	667	601			
10Kw	750	683			
13Kw	870	803		-	690
		630	•	304 304	Ø 175-180 FLUE
750)	-	608	 -	345

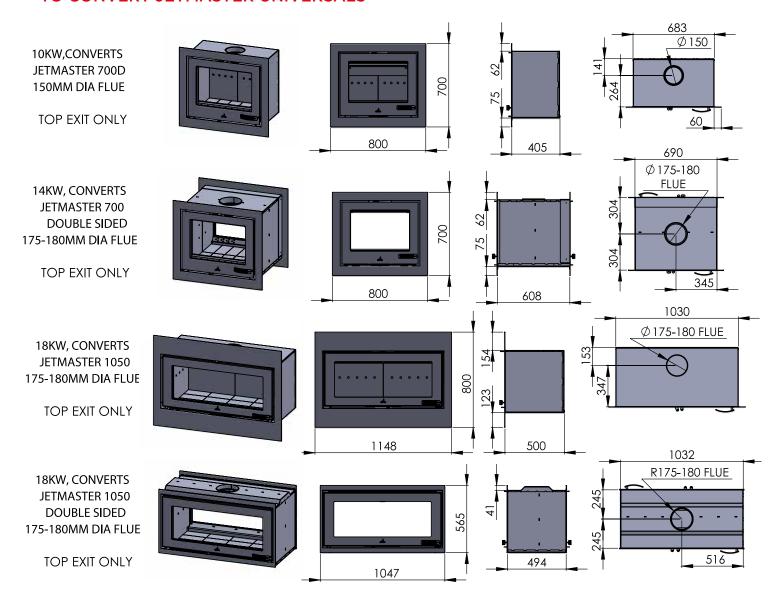


TOP EXIT ONLY



BUILT IN WOOD STOVES

TO CONVERT JETMASTER UNIVERSALS



GAS FIRES

	Hook	llo obio o	Gas Consumption		Land Minim	Permanent Ventilation
UNIT	Heat Output	Heating Capacity	g/hr		Legal Minimum Room Size	Ventilation Required*
	Kw	m ³	Lo Hi		m³	cm2
Built In Units						
Single Sided						
Classic 200	5 Kw	200	150	300	60	2 x 98
Classic 300	7 Kw	300	250	490	98	2 x 160
1000 Classic	10 Kw	400	450	740	148	2 x 240
Slimline 1000	10 Kw	400	450	740	148	2 x 240
Slimline 1400	12 Kw	480	450	950	190	2 x 310
Slimline 2000	15 Kw	600	600	1200	240	2 x 390
Double Sided						
Classic 200	5 Kw	200	150	300	60	2 x 98
Classic 300	7 Kw	300	250	490	98	2 x 160
1000 Classic	10 Kw	400	450	740	148	2 x 240
Slimline 1000	10 Kw	400	450	740	148	2 x 240
Slimline 1400	12 Kw	480	450	950	190	2 x 310
Slimline 2000	15 Kw	600	600	1200	240	2 x 390
Wallmounted						
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
Drop In Grates						
880 Drop In 200	5 Kw	200	150	300	60	2 x 98
880 Drop In 300	7 Kw	300	250	490	98	2 x 160
1100 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
Conversion Grates						
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 Cube	8 Kw	320m³
10 Kw Versions	10 Kw	400m³
12 Kw Curve	12 Kw	480m³
13 Kw Versions	13 Kw	520m³
14 Kw Double Sided	14 Kw	560m³
18 Kw Single or Double Sided Convection	18 Kw	720m³

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
18 Kw Single or Double	18 Kw	720m³
Sided Insert	10 110	720111

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.

Infiniti Fires continues to develop and improve its products. It reserves the right to update specifications without prior notice.

