

EXCELLENCE IN INNOVATION

STANDARD FEATURES

All **Dynamic Boilers** come standard with a grate and self scooping ashpan, separate firebox and ashpan door, separate damper and air controls (automatic and manual control on **The Belvedere 5000**) and all use a standard 150mm (6") flue assembly.

All Dynamic boilers contain mild steel waterways and require the addition of a water conditioner. We recommend the addition of "**Thermablend**" long life boiler conditioner and corrosion inhibitor to maintain the system in optimum working condition.

If connecting a Dynamic boiler to a domestic hot water service, a heat exchange system must be used. For additional information on your central heating requirements contact your Thermalux dealer or **Metal Dynamics** direct.

CUSTOM BUILT BOILERS

At **Metal Dynamics** we also offer the option of designing a customised boiler to solve your particular heating requirements. A solution as individual as your needs.



BELVEDERE 5000		DYNAMIC 3500		DYNAMIC 2500	
DIMENSIONS		DIMENSIONS		DIMENSIONS	
HEIGHT	1200mm	HEIGHT	910mm	HEIGHT	850mm
WIDTH	585mm	WIDTH	700mm	WIDTH	400mm
DEPTH	710mm	DEPTH	560mm	DEPTH OF TOP	555mm
FIREBOX	600Dx415Hx500Wmm	FIREBOX	310Dx470Hx460Wmm	DEPTH OVERALL	680mm
WEIGHT	280KG	FIREBOX OPENING	440x260mm	FIREBOX	460Dx260Hx460Wmm
CLEARANCE		WEIGHT	220KG	FIREBOX OPENING	335x170mm
SIDE	100mm	CLEARANCE		WEIGHT	120KG
REAR FROM FLUE	From 25mm to 600mm	SIDE	400mm	CLEARANCE	
HEARTH	6mm thick + 450mm in front	REAR FROM FLUE	125mm	SIDE	From 25mm to 390mm
CENTRAL HEATING	50KW max	HEARTH	6mm thick + 450 mm in front	REAR FROM FLUE	100mm with flue shield
		CENTRAL HEATING	35KW max	HEARTH	18mm thick 300mm in front 200 on side
				CENTRAL HEATING	25KW max

PRICING		PUMP	INSTALLATION	
BOILER		INSTALLATION	We recommend that you engage a qualified installer to correctly fit the boiler, flue and pipe work. Also that it meets local building regulations. The Boiler must be open vented and have corrosion inhibitor added. The Boiler can also be adapted to utilise auxillary solar panels.	
FLUE		OTHER OPTIONS		
RADIATORS		TOTAL		

WISE LIVING PRODUCTS
Albury N.S.W.
Ph: (02) 6040 6666
or Fax: (02) 6040 6667
www.wiseliving.com.au

Thermalux is a Wise Living product manufactured by METAL DYNAMICS a Division of Albury Consolidated Industries P/L
P.O. Box 565 Albury NSW 2640

All products carry a manufacturers warranty.
Manufacturers of high quality solid fuel appliances.

At Thermalux we are continually striving for product innovation and excellence and therefore reserve the right to change product specifications without notice.

YOUR WISE LIVING DEALER

Thomson's Graphipress - 02 6041 1466

WARM YOUR WINTER



WISE
LIVING
PRODUCTS
www.wiseliving.com.au

PROUDLY
AUSTRALASIAN

The most wonderful silent draught free winter warmth.

DYNAMIC SERIES

HYDRONIC HEATING BOILERS

HYDRONIC HEATING

With the introduction of the “**Dynamic Series**” Hydronic Heating Boilers to our already extensive range of “**Thermalux**” Hydronic Cooking Stoves, **Metal Dynamics** now offer one of the most comprehensive and varied range of solid fuel, slow combustion hot water heating appliances.

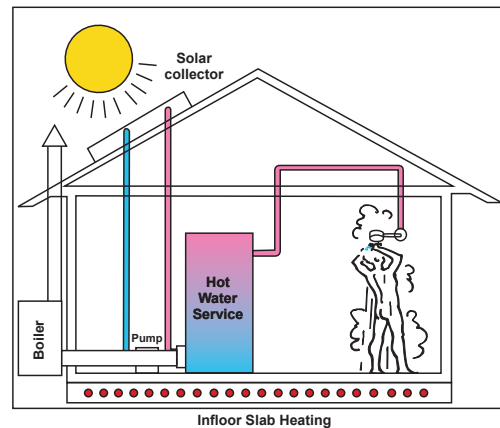
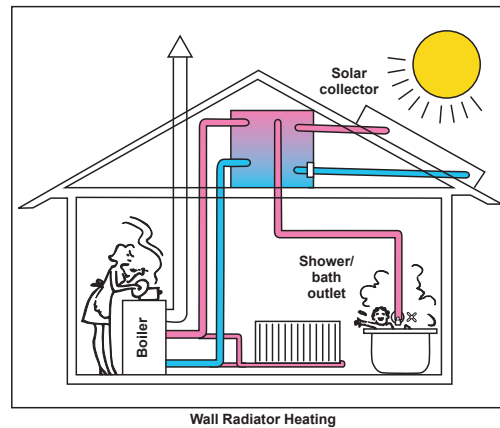
A commitment to the use of a Natural Renewable Energy source that mankind has enjoyed and relied on since the beginning of time, gives the homeowner and smaller commercial user, an affordable alternative for their central heating needs.

Hydronic Central Heating offers *the most wonderful, silent, draught free heating solution*, giving the ability to close off rooms without depriving the occupant of the heating so essential on those cold winter days. You can also regulate the temperature in different rooms or zones of your home or office area.

GREEN ENERGY

Metal Dynamics through their solar division **Solar-Mio** can also offer those committed to clean green solar energy, the option of combining solar hot water collectors, not only for their domestic needs, but also to supplement their heating needs. The combination solar systems can also be used to provide an alternative for pool and spa heating in the summer months, allowing substantial saving to be made on existing energy bills, and aid in the reduction of green house gases.

At **Metal Dynamics** we always strive to produce products that are user friendly and competitively priced. All our boilers are hand built by experienced craftsman which allows us to manufacture specialised & customised products not possible with mass production methods.



DYNAMIC 2500

The smallest Boiler in the range. This dedicated Boiler can be installed as a stand alone Boiler to heat up to 200 square metres (20 House Squares) or as an “add-on” to a Thermalux cooker to provide additional heating. The **Dynamic 2500** is a very compact, competitively priced unit which because of its size may require refuelling more frequently to achieve the best results. This unit can also be successfully installed in a Laundry area, turning it into a perfect drying room.



DYNAMIC 3500

A versatile dedicated hydronic heating boiler with cleverly designed waterways and smoke paths to gain the maximum heating from its compact size. Its design allows the boiler to be heated on all sides to give maximum efficiency and heat output. With its clean lines and a glass door fitted, the unit is perfectly suited for the living area of any home where it is located, as well as central heating to the rest of the house. There is the added benefit and charm of viewing the magic of the flames through the glass door or enjoy a delicious cup of coffee brewed on the cook top.

The **Dynamic 3500** is also available with a solid firebox door for installation in a garage or plant room. The **Dynamic 3500** is recommended for heating areas up to 300 square metres (30 House Squares).



BELVEDERE 500



DYNAMIC 3500



BELVEDERE 5000

Currently the largest in the Dynamic boiler range, the **Belvedere** incorporates some innovative changes to boiler design and operation. This boiler will provide up to 50KW of heat. The **Belvedere** has a large symmetrical firebox which will continue to give high output temperatures with extended times between refuelling. Although primarily designed for installation in a plant room, it can also be installed in a living room and a glass door is available on request for an additional cost. The **Belvedere** is the best choice for in-floor slab heating as its high output, spacious firebox and considerable water jacket capacity, enables the initial temperature rise required for in-slab heating.

The **Belvedere** comes standard with both manual and automatic air-flat control, self closing draught diverter, and temperature sensor.

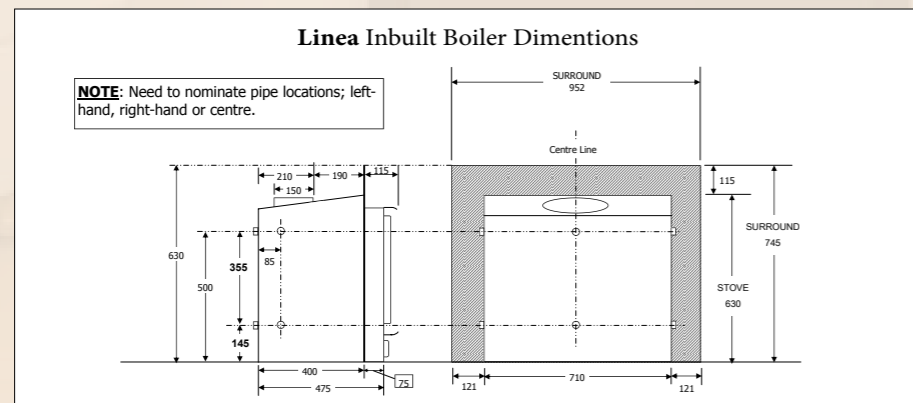
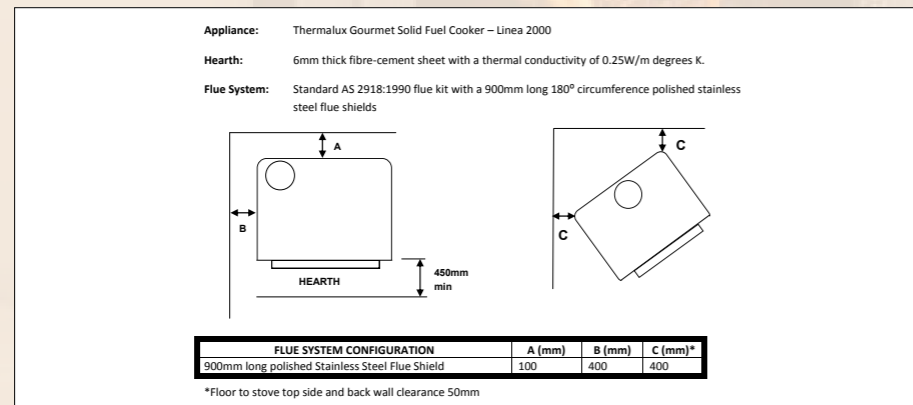
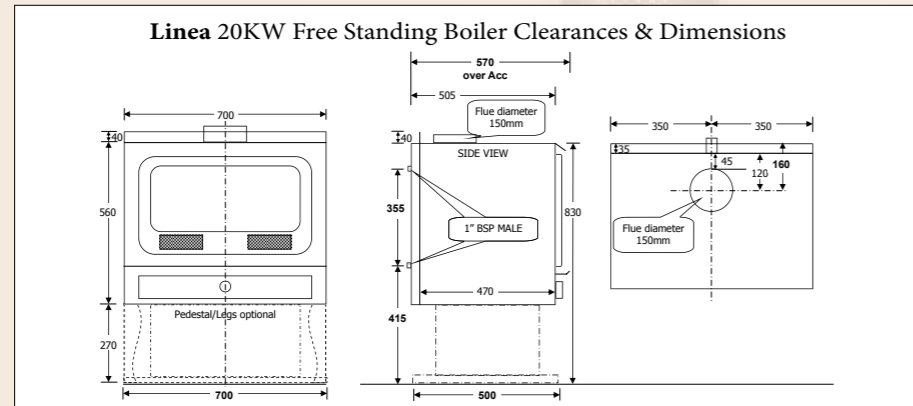
The **Belvedere** is available as a “Bare” unit where the installer provides the pump and controller at time of installation or “Fully Plumbed” with integrated pump and easily accessible and adjustable Thermostatic control. In this format, only the flue and flow and return pipes need to be connected.



Linea - A dedicated hydronic boiler / wood heater

Features

- Glass door design for installation in home living area (as with any wood heater)
- Three options available:
 - Free standing Linea on Legs
 - Free standing Linea on Pedestal
 - Inbuilt Linea
- Ash tray for convenient ash removal
- Colour - metallic black standard. Other colours available on request
- 20kwh heat output (can be variable depending on fuel type and installation conditions)
- Radiant heat from the Linea can heat an average 4 square room (40m²)
- Suitable for radiator, infloor or fan convector hydronic connection
- System design is open vented for maximum efficiency and safety
- Domestic hot water option
- Solar compatible



“LINEA”

“Not rocket science, just a simple solution”

The Linea is the pocket rocket of glass fronted hydronic heating boilers. Despite its compact size, the Linea packs quite a punch, delivering 20+ kilowatts of heat to provide comfortable winter warmth for up to 200 square metres of living area in the average home, and even larger areas in new homes with their significantly improved insulation qualities.



The Linea provides the home owner with all the advantages associated with wood fired central heating, such as competitive running cost, quiet, draught free, even warmth along with the rich heat only a wood fired heater can bestow. The charm of the flames dancing in the fire box is an added benefit which helps make for cosy winter nights.



Albury N.S.W.
 Ph: (02) 6040 6666 or
 Fax: (02) 6040 6667
www.wiseliving.com.au

YOUR WISE LIVING DEALER

Thermalux and Dynamic Boilers are manufactured by METAL DYNAMICS
 A division of Albury Consolidated Industries P/L. P.O. Box 565 Albury NSW 2640

All products carry a manufacturer's warranty. Manufacturers of high quality solid fuel appliances and specialised hot water systems. At METAL DYNAMICS & SOLAR-MIO we are continuously striving for product innovation and excellence and therefore reserve the right to change product specifications without notice.

Although the Linea delivers most of its heat via hydronics, either by way of radiators, in-floor coils or occasionally by fan convector units, the glass door gives it the appearance in the home of a conventional solidly constructed combustion heater.

The glass door is designed in such a way as to allow combustion air to flow over the glass to help the glass 'self clean'. Primary air control at the base of the door delivers a turbo charged effect to the combustion chamber which allows the Linea to deliver potent heat from such a compact unit.

Once closed down the fire will burn happily for hours unattended providing effective overnight burn and soft background warmth for its owners.

Although the Linea has primarily an ash bed styled fire chamber, a modified ash pan area has been incorporated into the design to allow convenient ash removal at any time. As with most Dynamic series boilers, the Linea also allows for partial control of the flue gases keeping the flue temperatures lower and increasing the units efficiency and heating ability.

The top surface of the free standing Linea can be utilised as a cooking surface. You can always have a kettle on standby or brewed coffee at the ready.

The standard Linea is finished in sleek metallic black. Other colour finishes are available on request.



The standard Linea is available in three different styles, to help fit into different environments.

1. Linea on Legs

The Linea on legs is a crossover between the traditional European style and North American units. With the Linea on legs, the hot water pipes are usually concealed within the wall or can be installed behind the flue casing.



2. Linea on Pedestal

With its benchmark contemporary styling, this unit will blend into most areas. The pedestal has the advantage of hiding heating pipe if the installation requires pipe work to the sub floor or a lower storey and cannot be concealed within the wall.



3. Linea Inbuilt

Ideal space saver to fit into an existing chimney or as an insert installation in a new construction.

To improve the ease of installation, the Linea Inbuilt can be supplied with the water connections on either the left hand side, right hand side or centre rear.

If your choice is a Linea Inbuilt, nominate the best pipe location for your installation when ordering.



Fig 1.

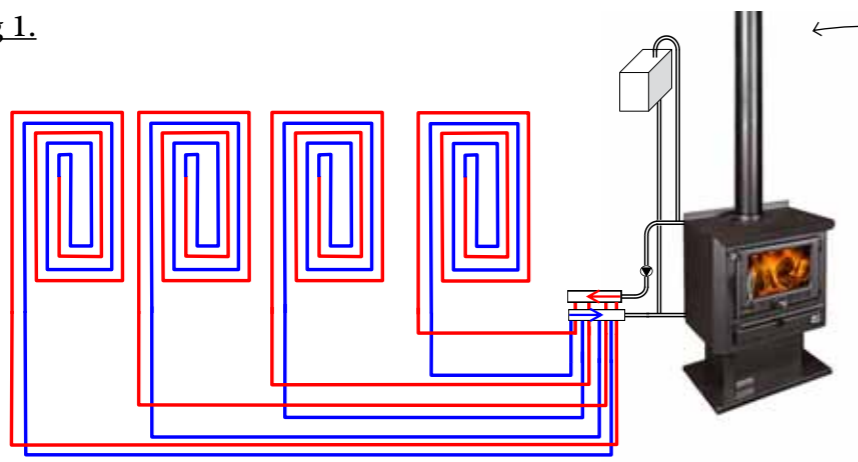


Figure 1. Simple schematic for Linea showing in-floor coils, manifold and header tank/vent pipe installation.

Figure 2. Schematic of the Linea showing radiators also run from a manifold and including domestic hot water tank.

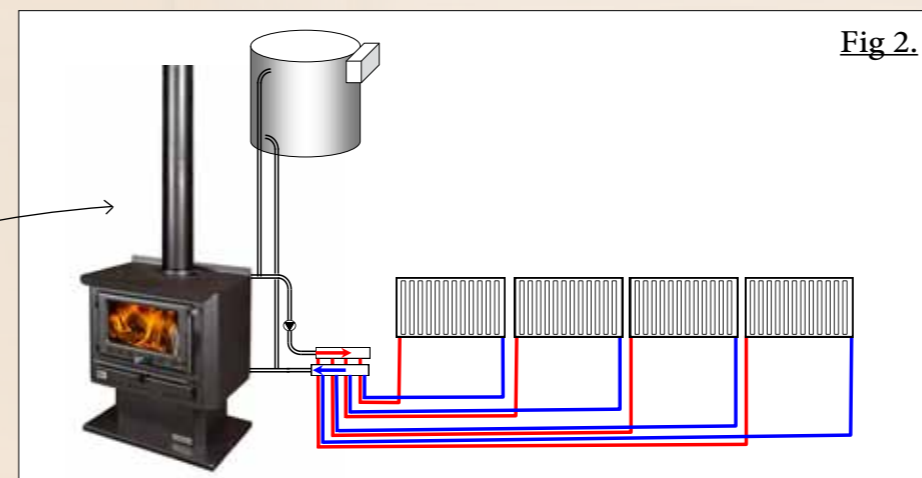


Fig 2.

WISE LIVING
HYDRONIC HEATING



“Sophel”

Combination Boiler / Glass Front Heater

Open Fire Place Insert

“PURE HEATING PLEASURE”

Sophel

The *Sophel* range of hydronic heating boilers are true to the “wise living” philosophy of all Dynamic series boilers.

The *Sophel* combines the ambience of a super large glass front heater with the flickering flames of a real log fire and the wonderful even warmth that only wood fired **hydronic heating** can provide.

This combined with the cost savings gained through the burning of natural renewable fire wood - an important consideration with renewable energy playing such a vital role in today’s world. It is worth noting that fire wood is also considered to be green house neutral.

The *Sophel* is as much at home in a stately drawing room as it is in the family room of a country homestead or an ultra modern living area.

The *Sophel* has a combined heat output that will warm up to 400 square metres of living area. If required the *Sophel* can also supply piping hot water for the family's domestic needs.

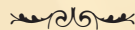
The easy to operate air controls allow for total control over the fire and heat available to keep the home comfortable and warm while ensuring efficient even combustion throughout the huge firebox.

**The air controls are available in a chrome or black finish.*

The large capacity firebox not only provides for generous heat output but also allows for extended burn times between refuelling an important consideration with today's busy lifestyle.

An ash tray system allows for easy and clean removal of ash even if the *Sophel* is in operation. A fire poker and multi-function tool is also provided with the unit to help make operation easier.

The *Sophel* is designed to provide rich radiant slow combustion heat into the room in which it is installed while delivering gentle even warmth via wall mounted radiators or in floor hydronic heating coils to each room in the home. Unlike hot air based heating systems, temperatures in each area of the home can be individually regulated and doors can be closed for privacy as the heat source is within each room. Hydronic heating also eliminates the draughts which can be created by fan systems.



Sophel - Heater / hydronic boiler fire place insert (standard door)

The standard *Sophel* has a single acting glass firebox door which opens like any standard heater door to allow for refuelling and tending of the fire. The firebox door is designed with its own air inlets to help the door remain clean and extend the time between cleaning.



Sophel - *Open Fire* - Heater / Hydronic Boiler fire place insert **with open fire place option** (Double acting fire box door)

This *Sophel* combines all the features of the standard boiler with the option of using the unit as an open fire when entertaining or for those quiet romantic evenings when the charm and crackle of an open fire adds just the right ambiance.

The double acting door not only works as a standard fire box door but also unclips so that the door and the door frame lifts up and disappears behind the fascia revealing the entire firebox as a warm glowing open fire.

Sophel Duo (two sided unit)

The *Sophel Duo* is a two sided unit which has two doors and is ideally suited for installation between two rooms or as a central feature within a room. The *Duo* comes with a standard single acting door on one side and a double acting door (for open fire effect) on the other side. The *Sophel Duo* provides large space heating into the room or rooms in which it is installed and will provide enough hydronic heating to heat a further 300 square metres of living area. The unit has air controls on both sides and so can be refuelled and controlled from either side.

The *Sophel Duo* is also available with two standard single acting doors if the open fire effect is not required.



Sophel free standing with rear flue option



Optional cooking Crane and Plate



Sophel Free Standing Installation Kit

The free standing fire box surround, allows the *Sophel* to be installed without the need to build a purpose built enclosure. The free standing version will be more suitable for some homes and can save on installation cost. The free standing firebox is available in a range of designer colours to suit specific colour schemes if required.

The free standing installation kit is available for both the single and double sided *Sophel*.



Domestic Hot Water from Your Sophel

As with all Dynamic series boilers & cookers the *Sophel* can be successfully employed to provide or supplement the family's domestic hot water requirements, either by way of a special purpose built *Solar-Mio* hydronic hot water tank or *Solar-Mio* heat exchanger to convert existing hot water services.

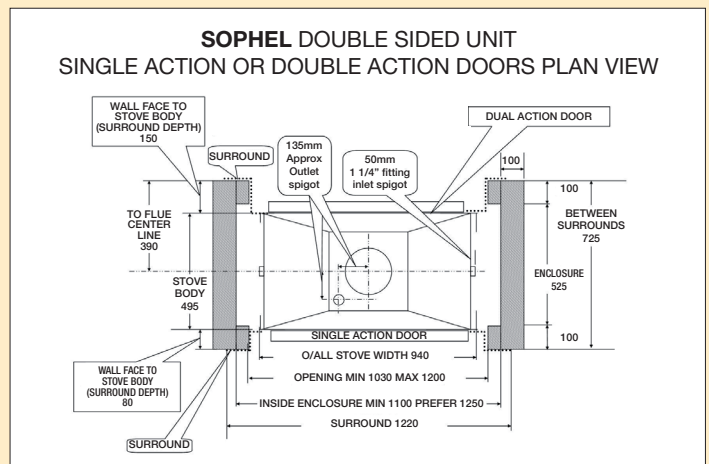
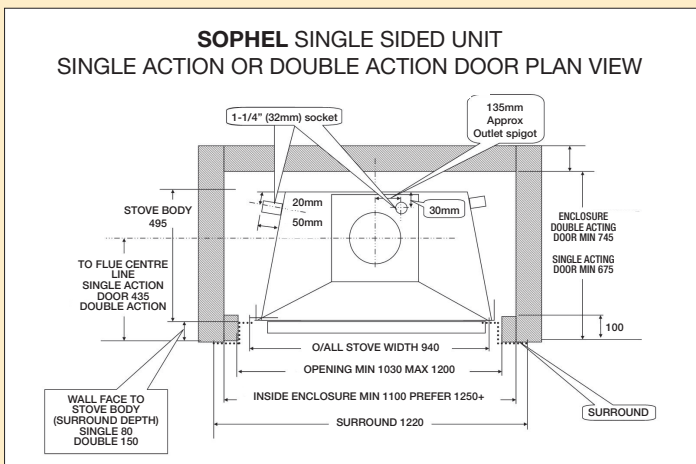
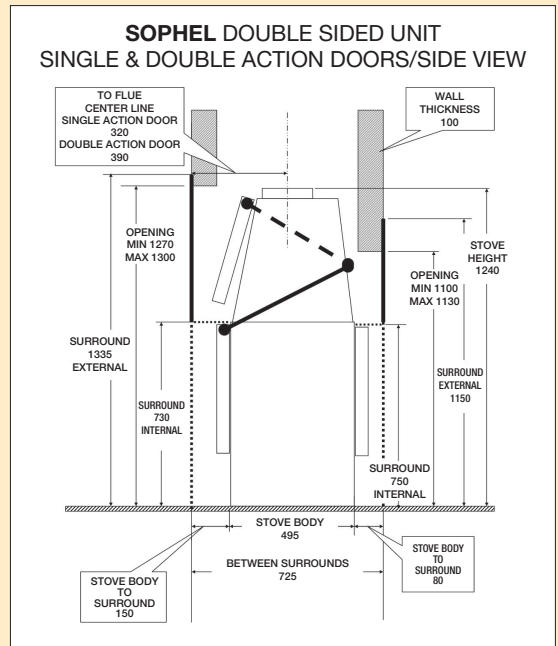
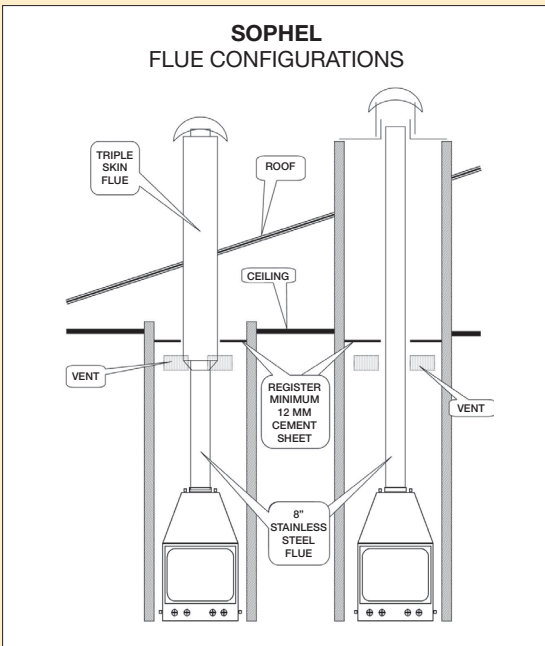
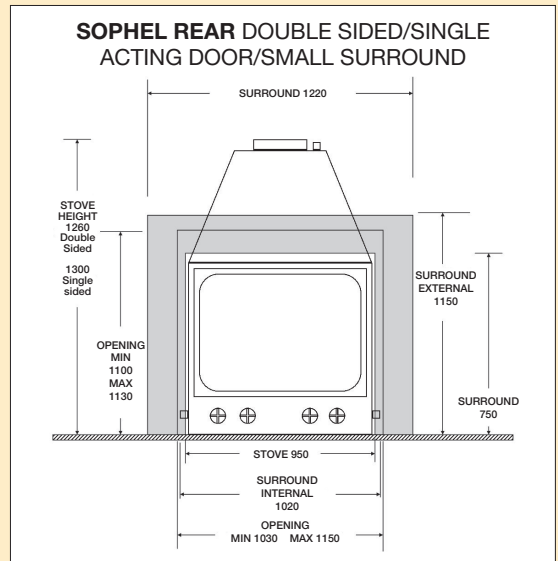
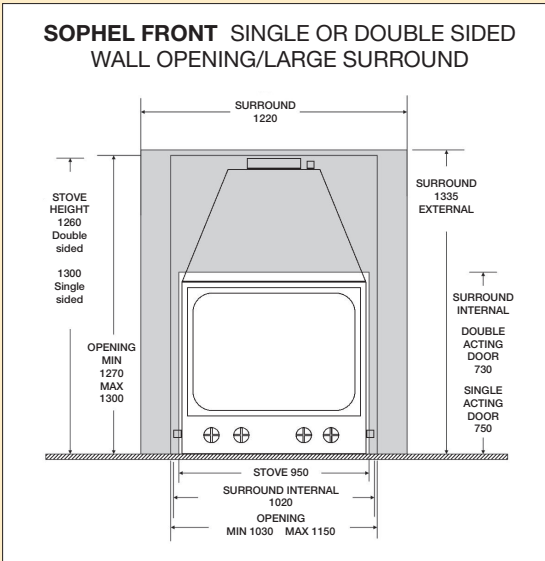
Cooking With Wood

For those who appreciate the delights of a wood fired roast, pizzas and bread or just want billy tea or brewed coffee, all *Sophel's* can be optioned with a cooking 'Crane' and accessories to make the *Sophel* truly the most versatile heating appliance on the market.

Hot Water Free From The Sun

Combine your *Sophel* with Solar-Mio efficient, reliable cost effective solar hot water collectors to provide either domestic and / or central heating contribution, free from the sun.

"Sophel - a new level in sustainable hydronic heating."



Albury N.S.W.
 Ph: (02) 6040 6666 or
 Fax: (02) 6040 6667
 www.wiseliving.com.au

YOUR WISE LIVING DEALER

Thermalux and Dynamic Boilers are manufactured by METAL DYNAMICS
 A division of Albury Consolidated Industries P/L. P.O. Box 565 Albury NSW 2640

All products carry a manufacturer's warranty. Manufacturers of high quality solid fuel appliances and specialised hot water systems. At METAL DYNAMICS & SOLAR-MIO we are continuously striving for product innovation and excellence and therefore reserve the right to change product specifications without notice.



WHAT IS THE YUNCA DUAL?

The Yunca Dual is a high efficient 4.5 star rated freestanding wood heater with a massive glass door, which also doubles up as a mini hydronic system.

So once this beautifully designed wood heater is running, you are also heating an additional two radiators, perfect for also warming additional rooms, like the bedroom, bathroom or study.

Whilst the Yunca Monte can heat up to a 200 mtr² room

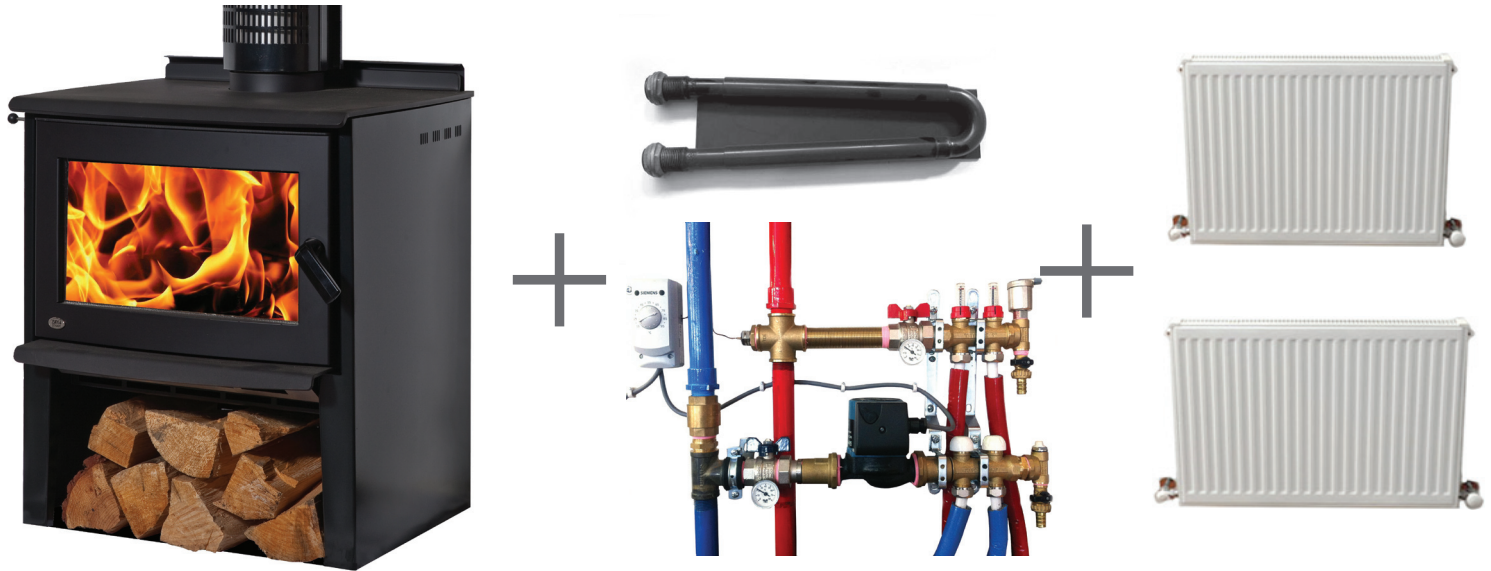
Radiator 1 (600mm H x 800mm W) can heat up to 13 - 15 mtr² (perfect for hallway or bathroom)

Radiator 2 (600mm H x 900mm W) can heat up to 15 - 20 mtr² (perfect for bedroom or study)

The Yunca Dual Mini DIY Hydronic System includes pump, fittings, header tank, 2 radiators and the pipe work for the radiators. The kit just needs the pipework to the header tank added.

DUAL

MINI HYDRONIC SYSTEM



The DUAL MINI HYDRONIC SYSTEM includes pump, fittings, header tank, 2 radiators and even the pipe work for the radiators. The only thing you need is the copper pipe work to install the header tank.

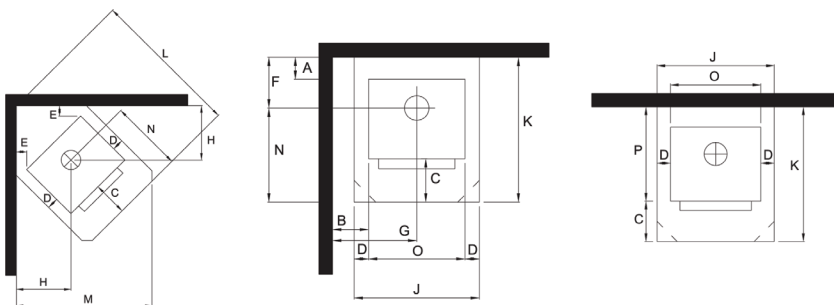
MINIMUM FIRE TO COMBUSTIBLE WALL CLEARANCES (measurements in millimetres) * TESTED TO AS/NZS 2918:2001

MODEL	A	B	E	F	G	H
MONTE EURO	200	350	200	366	682	520

MINIMUM FLOOR PROTECTION MEASUREMENTS (measurements in millimetres)

MODEL	C	D	J	K	L	M	N	O	P
MONTE EURO	300	125	913	999	1368	1278	633	663	699

All YUNCA solid fuel fireplaces where installed on combustible surfaces, require ash floor protectors as per AS/NZS 2918:2001



WARRANTY Yunca's 10 year, unconditional warranty

WHAT'S INCLUDED?

- 1 x Yunca Monte Wood Heater with Wetback installed
- 1 x Dual Hydronic manifold pump kit
- 1 x radiator (600mm H x 800mm W)
- 1 x radiator (600mm H x 900mm W)
- 1 x 50 metre coil blue hydronic pipe
- 1 x 50 metre red coil hydronic pipe
- 1 x 12 ltr Head tank (excl. spill tray)

Stockist:



2/7955 GV Highway, Kialla VIC 3631
03 5823 1955 sales@hotandcoldshop.com.au



*Come home
to the cleanest
Nectres ever.*

NECTRE

SLOW COMBUSTION HEATING



CONTENTS

Mk1 LE	5
Mk2 LE	6
Nectre 15 LE	7
Mega	8
Original Baker's Oven	10
Big Baker's Oven	11
Inbuilt LE	12
Features and specifications	14
Clearances	15

For Australians and people from such far-flung places as the UK, Japan, New Zealand and America, there is nothing more satisfying than coming home on a cold wintery day to the penetrating radiant warmth of a Nectre slow combustion heater.

Built in Australia since 1975, ours is a solid reputation built on lasting quality, simplicity of operation and timeless styling. But now there is another reason to choose Nectre!

“You’ll feel comfortable knowing they’re clean winners.”

The compliance factor.

When it comes to air quality Australia is the lucky country where we expect to breathe clean air. That’s why Pecan Engineering has invested much time and money developing heaters that burn wood more efficiently to reduce emissions of particulate matter you see as a small part of smoke. (The rest being water vapour.)

The Nectre heaters you see today have changed little in appearance over time, but inside, our engineers have made significant design changes including new air intakes and baffling systems to create combustion with incredible low emission rates and higher efficiency.

To meet new Australian emission standards, to be introduced over the next 5 years, we have engineered more efficient heaters in our purpose built, NATA (National Association of Testing Authorities) accredited test laboratory, ensuring they comply to Australian standards.

In 2015 emissions from slow combustion wood stoves will be lowered from 4 grams per kilogram of fuel burnt to 2.5 grams with an appliance efficiency of 55%. A substantial reduction! However, the emission level will drop again in 2019 to 1.5 grams with 60% efficiency. Another significant drop and a great advancement for air quality!

Pecan engineers have exceeded their expectations! As of 2015 all Nectre heaters needing to comply, will already have less emissions than the 2019 Australian Standard.*

Thanks to the hard work of our team, when you choose Nectre you can feel comfortable it’s a clean winner!

Together, we won’t even leave a footprint!

Use your new Nectre in the way we recommend and you’ll not only be rewarded with cozy comfort but also clear skies. Here’s another way you’ll enjoy a warm feeling! Burn good quality, hard and dry wood, preferably from a sustainable source and the carbon footprint your heater leaves will be neutral.

* Because we have many units in our range, differing in size and application, you will notice the emissions and efficiency differ, however, all are compliant to the 2019 standard.

Simplicity.

Simplicity of operation is a feature of our heaters. A single air intake control regulates the burning rate and your temperature. You can load really large logs and then watch them burn through huge ceramic glass windows. The specially designed door and air slide handles stay cool and are easy to use. Cleaning is easy and needs to be done every few weeks depending on the type of wood you burn.

Style.

We believe of all the appliances you buy in a lifetime, your Nectre will last the longest. Nectre's timeless and attractive styling, with clean simple lines, will compliment every decor whether contemporary or traditional. Choose from the traditional model with legs, the pedestal style or our in-built model and your Nectre will never look out of place.

Power to heat every room.

Whether a single room or whole house, with 7 models to choose from, there's a Nectre to keep you warm! All provide radiant warmth that can then warm other parts of your home through natural convection. By leaving your doors open living areas will be kept at a comfortable temperature while the chill is taken off the rest of your home.

Just see your Nectre dealer but remember to take in some plans or at least your home's dimensions.

Built for efficiency.

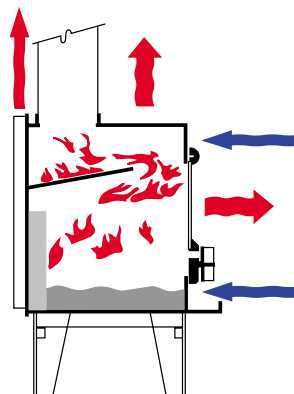
Our heaters are designed to extract the energy out of every kilogram of wood loaded into them.

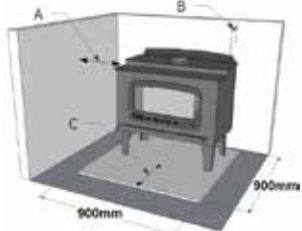
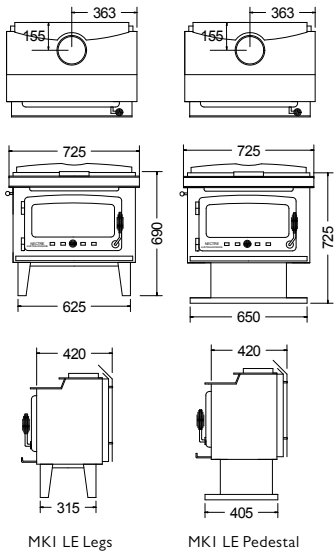
Primary air enters the firebox through the air intake control on the door and is directed at the heart of the fire, creating a turbulent mix of combustible gases.

Another inlet, located at the top of the door, allows a carefully measured amount of air to enter, completing secondary combustion of unburnt flue gases.

The result is extremely efficient combustion producing high temperatures that are maintained by the firebrick lining and a baffle plate to lengthen the flame path.

This determination by our designers to achieve maximum combustion and heating efficiency also results in low emissions.

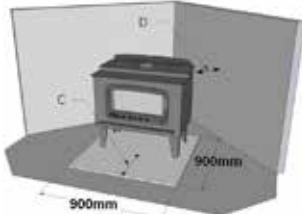




Standard Installation

Flue Shielding	A (mm)	B (mm)	C (mm)
900mm rear flue shield	650 (500°)	140	400
Decro-mesh with 900mm inner reflector	650 (500°)	140	400

Note: (*When fitted with side shields)



Corner Installation

Flue Shielding	C (mm)	D (mm)
900mm rear flue shield	400	500 (300°)
Decro-mesh with 900mm inner reflector	400	500 (275°)

Note: (*When fitted with side shields)

Clearances and min. hearth requirements
Door aperture 250 x 495mm



MKI LE the original Nectre.

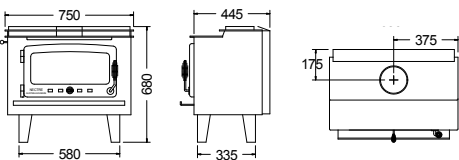
Choose the MkI LE and you join the many keeping warm and cosy with one of the most popular heaters ever made.

Designed to heat large open plan areas up to 185m² (20 squares), the MkI LE has an average maximum output of 19kW with an efficient rating of up to 73%. **Particle emissions are well inside the Australian standards at a low 0.95g/kg.** The MkI LE's wide opening door provides easy access and the huge ceramic glass window gives a perfect view of the brilliant, living fire burning inside.

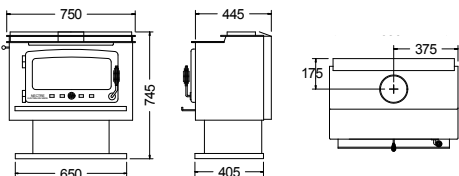
Nectre Mk2 LE gives you a warm feeling inside.

Mk2 LE has the same simple but elegant lines as do all Nectres but is double cased so it can be installed very close to walls or furniture.

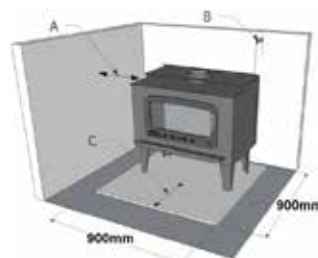
The double casing also maximises air convection and shifts heat around your home with great effectiveness. A maximum average output of 18kW makes the Mk2 LE the perfect heater for homes that are hard to heat and where installation is tight. Effectively heating around 185m² (20 squares), with an efficiency of up to 61% without a fan and 73% with a fan. You and your family will live in comfort for years to come. Your Nectre Mk2 LE will also be kind to the environment with a **low emissions rating of 0.82g/kg and 1.28g/kg with a fan.**



MK2 LE Legs



MK2 LE Pedestal

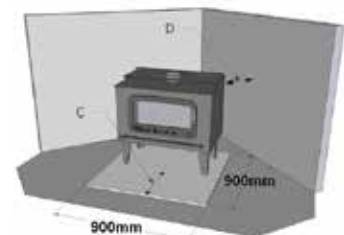


Standard Installation

Flue Shielding	A (mm)	B (mm)	C (mm)
900mm rear flue shield	450	125	400*
Decro-mesh with 900mm inner reflector	350	125	400*

Note: (*400 for leg model, 350 for pedestal model)

Clearances and minimum hearth requirements
Door aperture 250 x 495mm



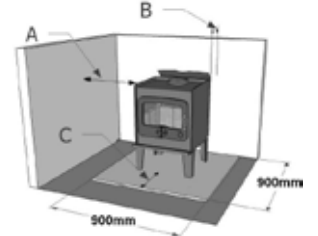
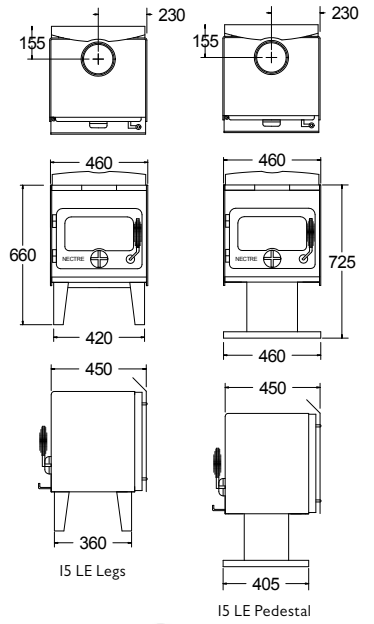
Corner Installation

Flue Shielding	C (mm)	D (mm)
900mm rear flue shield	400*	200
Decro-mesh with 900mm inner reflector	400*	125

Note: (*400 for leg model, 350 for pedestal model)



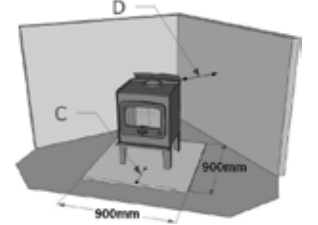
15 LE



Standard Installation

Flue Shielding	A (mm)	B (mm)	C (mm)
900mm rear flue shield	750 (450°)	175 (125°)	300
Decro-mesh with 900mm inner reflector	750 (450°)	175	300

Note: (*When fitted with side shields)



Corner Installation

Flue Shielding	C (mm)	D (mm)
900mm rear flue shield	300	750 (225°)
Decro-mesh with 900mm inner reflector	300	750 (225°)

Note: (*When fitted with side shields)

Clearances and min. hearth requirements
Door aperture 250 x 345mm



Nectre 15 LE compact yet powerful.

You'll love the warmth and style of this powerful but compact little heater.

The Nectre 15 LE produces a remarkable 13kW maximum average heat output with the excellent **efficiency of up to 79%**. That's sufficient to effectively heat around 15 squares (140m²) of any suburban home or country cottage and yet is small enough to fit almost anywhere and only has an **emission factor of 1.3g/kg**.

Let Winter do it's worst, you'll be warm and content with a Nectre 15 LE.



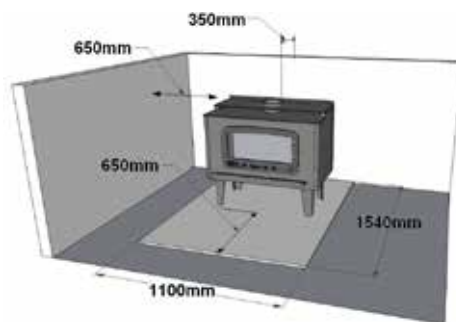
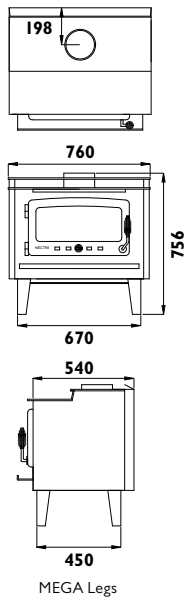
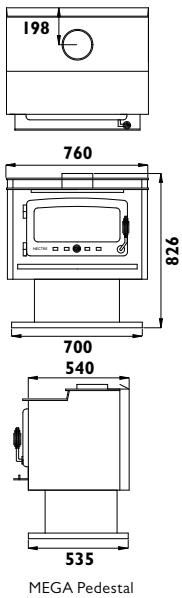
The Mega a must for big living areas.

Nothing challenges a wood heater like modern open plan living. But it's hardly a challenge for our largest output heater, aptly named, Mega. We designed the Mega with modern living in mind. It produces a whopping 35kW of heat making it Australia's most powerful freestanding heater capable of turning 35 squares (326m²) of open space into a warm, comfortable living area.

The Mega's output makes it an ideal heater for large homes or for commercial applications. It will make any ski lodge or sporting club a comfortable place to relax, however inclement the weather.

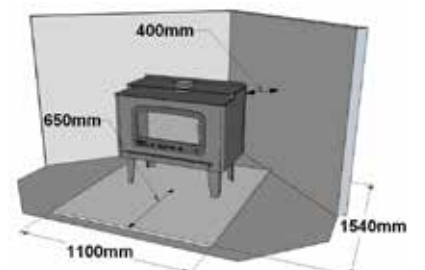
Powerful yes, but the Mega is certainly no brute when it comes to looks. The contoured door gives the Mega a soft appearance and opens wide to accept large logs. You can even harness some of the Mega's power to heat your hot water system by fitting the optional domestic hot water booster or with a central heating boiler to operate radiators or underfloor heating systems.





Standard Installation

Clearance requirements
Door aperture 265 x 505mm



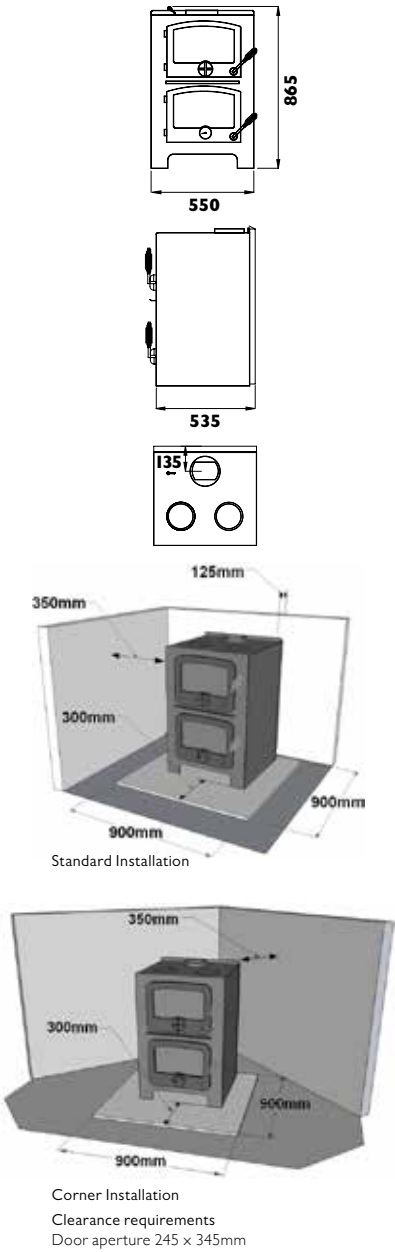
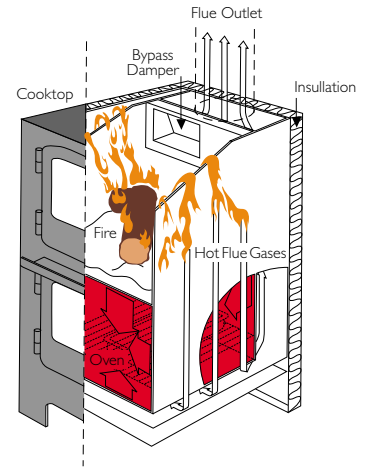
Corner Installation

ORIGINAL BAKER'S OVEN

A heater, classic wood oven and cooktop combined.

With a unique style reminiscent of a bygone era and brilliant heating and cooking versatility you wouldn't be surprised to know that the original and very traditional Baker's Oven has been so popular it can be found in cottages and country homes all around Australia and in many countries overseas.

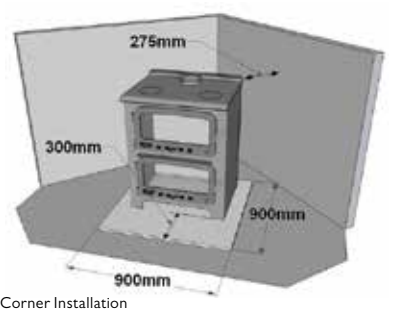
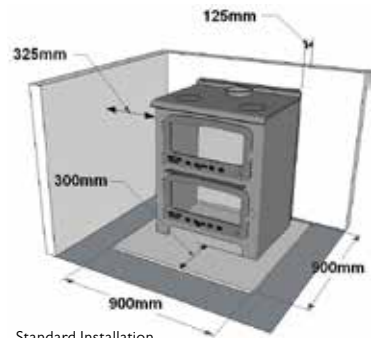
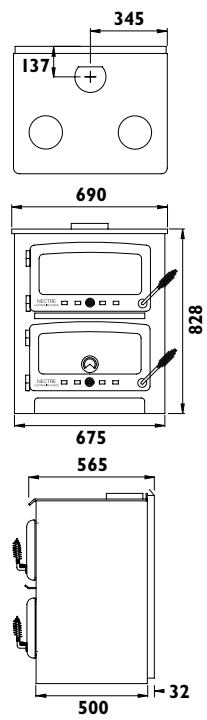
And while it's cooking it spreads cozy warmth through your kitchen and living areas. With an 11kW output it will heat an area of up to 90 square metres. The cook top takes four large saucepans while two removable rings make it ideal for wok cooking. Below is the oven, the perfect place to cook a crispy loaf or succulent roast. You can even fit an optional domestic hot water booster to supplement your existing hot water system.



Character with BIG heating and cooking versatility.

It's the perfect answer when you have a large open plan home or an expansive area such as a sporting club or cellar door but are drawn to the unique charm and versatility of a Baker's Oven.

With the ability to heat up to 180 square metres, the Big Baker's Oven will add character with cooking and heating versatility to all sorts of places. The large cast iron doors with stay cool spring handles and huge glass viewing area provide a pleasant atmosphere; even before the penetrating radiant heat from the living fire inside spreads its warmth. And, while you bask, you can feed the masses using the cook top or the huge baking compartment, big enough for a couple of large roasts.



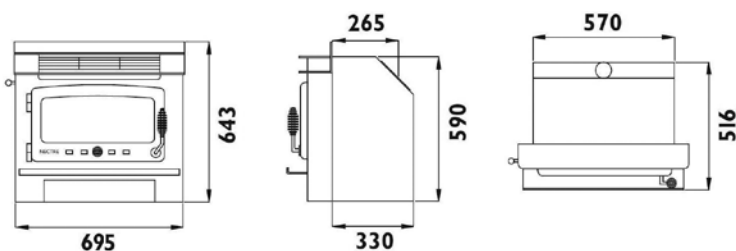
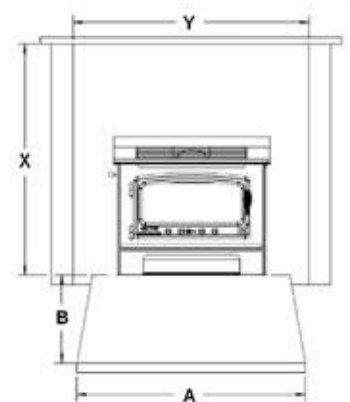
Clearances and min. hearth requirements
Door aperture 250 x 495mm



The Nectre Inbuilt LE.

A feature of many older Australian homes is the original fireplace. While these fireplaces have a distinctive charm they don't provide the same warmth of a modern Nectre fireplace. They might even be a dangerous place to set a fire!

The answer is the Nectre Inbuilt LE. It has all of the Nectre features built into a fireplace. It will easily fit into most existing fireplaces and will produce 10kW to heat an area of 140m² (15 squares). The inbuilt firebox is designed as an efficient heat exchanger which maximises the amount of convected warm air for circulation through your home. With an **efficiency of up to 60% and emissions of 0.94g/kg** your old fireplace will now work more efficiently (up to 250% more), use less wood and still retain its unique charm. The Nectre Inbuilt LE must be installed into an existing masonry fireplace to comply with AS2918. Consult your dealer for details on installation requirements.



X (Height to mantelpiece)	1050mm (470mm above top of hot air outlet)
Y (Width between columns)	1075mm
A (Hearth width)	900mm
B (Hearth depth)	500mm (In front of door opening -600mm overall)

Clearances and minimum hearth requirements
 Door aperture 250 x 495mm



Wood the renewable fuel.

A major concern for all of us is the concentration of carbon dioxide in the atmosphere and the resultant rise in average global temperatures. Fuel burning is the major cause of this increase in greenhouse gas but don't confuse the burning of wood with fuels such as oil and gas.

Wood is a renewable fuel. As a tree grows, it absorbs carbon dioxide from the air and stores it in the wood as carbon. This carbon makes up about half the weight of wood. When we burn wood, carbon dioxide is released into the atmosphere again. The same amount of carbon dioxide would be released if the tree died and was left to rot on the forest floor. Our forests can therefore be a perpetual source of fuel provided they are cared for and managed properly. Why would you use anything else?

How to get the best out of your Nectre.

Your Nectre has been designed to extract every bit of energy out of every piece of wood. But even a Nectre needs a little help to work at its best, all the time.

Here are some hints that will also help the environment.

- Only burn dry seasoned wood. Freshly cut wood is 50% water and when you burn it you also boil it, wasting energy.
- Stack your wood under cover in a well ventilated area. Newly cut wood should be stored for at least 12 months before burning.
- Use smaller logs so that plenty of air circulates around the heart of the fire.
- A space above the fire will allow a flame to develop that will burn off the gases released by the wood.
- Burn the fire brightly. Smoke just pollutes the atmosphere and causes creosote to build up in the flue, reducing effectiveness of your Nectre.
- If burning overnight, maintain a flame whilst running your Nectre at full burn for at least 15 minutes before turning the heater down.



FEATURES & SPECIFICATIONS



NECTRE 15 LE

Radiant Heater
Emissions: 1.3g/kg
Efficiency: 79%
Max. average heat output: 13kW
Heats around 15 squares (140m²)
Weight: 90Kg
Cast iron door
Stay cool spring door handle
Firebrick lined to increase thermal mass
Steel baffle plate
Steel brick retainer
Firebox: 6mm steel construction
Cook top
Colour: metallic black paint



MKI LE

Radiant Heater
Emissions: 0.95g/kg
Efficiency: 73%
Max. average heat output: 19kW
Heats around 20 squares (185m²)
Weight: Legs 115Kg
Pedestal 120Kg
Cast iron door with large ceramic glass
Stay cool spring door handle
Firebrick lined to increase thermal mass
Steel baffle plates
Steel brick retainer
Firebox: 6mm steel construction
Cook top
Colour: metallic black paint



MK2 LE

Radiant/Convection Heater
Emissions: 0.82g/kg (No Fan)
1.28g/kg (With Fan)
Efficiency: 61% (No Fan)
73% (With Fan)
Max. average heat output: 18kW
Heats around 20 squares (185m²)
Weight: Legs 140Kg
Pedestal 160Kg
Optional 3 speed fan
Cast iron door with large ceramic glass
Stay cool spring door handle
Firebrick lined to increase thermal mass
Steel baffle plates
Steel brick retainer
Firebox: 6mm steel construction
Colour: metallic black paint



INBUILT LE

Radiant/Convection Heater
Emissions: 0.94g/kg
Efficiency: 60%
Max. average heat output: 10kW
Heats around 15 squares (140m²)
Weight: 120Kg
Optional 3 speed fan can be fitted
Cast iron door with large ceramic glass
Stay cool spring door handle
Firebrick lined to increase thermal mass
Steel baffle plate
Firebox: 6mm steel construction
Colour: metallic black paint



MEGA

Radiant/Convection Heater
Max. average heat output: 35kW
Heats around 35 squares (326m²)
Weight: Legs 170Kg
Pedestal 180Kg
Optional 3 speed fan
Cast iron door with large ceramic glass
Stay cool spring door handle
Firebrick lined to increase thermal mass
12mm steel baffle plate
Steel brick retainer
Firebox: 6mm and 8mm steel construction
Colour: metallic black paint
Can be fitted with a domestic hot water booster or central heating boiler



THE ORIGINAL BAKER'S OVEN

Radiant Heater/Convection Oven
Max. average heat output: 11kW
Heats around 10 squares (90m²)
Weight: 120Kg
Cast iron doors
Stay cool spring door handles
Firebrick and steel liners to increase thermal mass
Cook top with 2 removable cooking rings
Oven temperature thermometer
Firebox: 6mm steel construction
Colour: metallic black paint
Can be factory fitted with a domestic hot water booster



THE BIG BAKER'S OVEN

Radiant Heater/Convection Oven
Heats around 19 squares (180m²)
Weight: 220Kg
Large cast iron doors with glass viewing windows
Stay cool spring door handles
Firebrick and steel liners to increase thermal mass
Cook top with 2 removable cooking rings
Oven temperature thermometer
Firebox: 6mm and 8mm steel construction
Colour: metallic black paint
Can be factory fitted with a domestic hot water booster



This Low Emissions Symbol indicates that the heater meets the future requirements of the 2019, AS/NZS4013 for emissions. The Original Baker's Oven, The Big Baker's Oven & Mega are currently exempt from meeting this Standard.

MODEL	FLUE KIT & SHIELDING CONFIGURATIONS AS/NZS 2918:2001 Standard 6" Flue Kit				CLEARANCES			HEARTH			
	Side shields	Flue shield (900mm)	Decro mesh with 900mm inner shield	Spigot reflector (supplied)	Rear	Side	Corner	In front of door opening	Thickness of cement sheet	Minimum Dimensions	
NECTRE I5 LE		x			175	750	750	300	15	900Wx900D*	
	x	x			125	450	225	300	15	900Wx900D*	
			x		175	750	750	300	15	900Wx900D*	
	x		x		175	450	225	300	15	900Wx900D*	
MKI LE		x			140	650	500	400	15	900Wx900D*	
	x	x			140	500	300	400	15	900Wx900D*	
			x		140	650	500	400	15	900Wx900D*	
	x		x		140	500	275	400	15	900Wx900D*	
MK2 LE		x		x	125	450	200	350 PED or 400 LEGS	15	900Wx900D*	
			x	x	125	350	125		15	900Wx900D*	
MEGA			x		350	650	400	650	12	905Wx1340D*	
ORIGINAL BAKERS OVEN		x			125	350	350	300	12	745Wx835D*	
BIG BAKERS OVEN		x			125	325	275	300	15	900Wx900D*	
INBUILT LE	FLUE KIT				MANTELPIECE			HEARTH			
	Side shields	Flue shield (900mm)	Decro mesh with 900mm inner shield	Spigot reflector (supplied)	Height above hearth	Height above top air vent	Width between columns	In front of door opening	Thickness of cement sheet	Minimum dimensions	
					6" Chimney Kit with a 45° bend	1050	470	1075	500	45	900Wx600D*

Note: All dimensions are in mm unless specified otherwise.

*All hearth dimensions are the minimums only and may need to be extended to reach the wall behind the heater.

Nectre Features:

- **Firebricks.** Increase thermal mass, stabilise temperatures and protect the firebox.
- **Ash lip.** All Nectres have an ash lip below the door to prevent hot coals dropping onto the floor.
- **Smoke shelf (baffle plate).** Easily removed for flue cleaning and replacement.
- **Minimum cleaning.** Depending upon the type of wood you burn, it could be as little as once every six weeks.
- **Secondary combustion.** This gives more efficient burning and reduces the level of emissions therefore reducing pollution.
- **Bottom and rear heat shielding.** Enables closer clearances to combustible materials.
- **Nectre Warranty.** Nectre Slow Combustion Heaters; 10 years. Nectre Baker's Ovens; 5 years.
- **Optional fans.** Available for all models (except the Baker's Ovens). However, we recommend that a ceiling sweep fan is the best way to circulate warm air in any home.

Estimate of costs:

Heater	\$
Flue Kit	\$
Floor Protector	\$
Installation	\$
Accessories	\$
Other	\$
Total	\$

In the interest of product development, Pecan Engineering reserve the right to change product specifications without notice.



Pecan Engineering Pty Ltd proudly supports the activities of Landcare Australia through its membership of the AHHA.



NECTRE

SLOW COMBUSTION HEATING

Pecan Engineering Pty Ltd 13 Acorn Road, Dry Creek, South Australia 5094
Phone 08 8349 8332 Fax 08 8260 6643 info@pecan-eng.com.au www.nectre.com