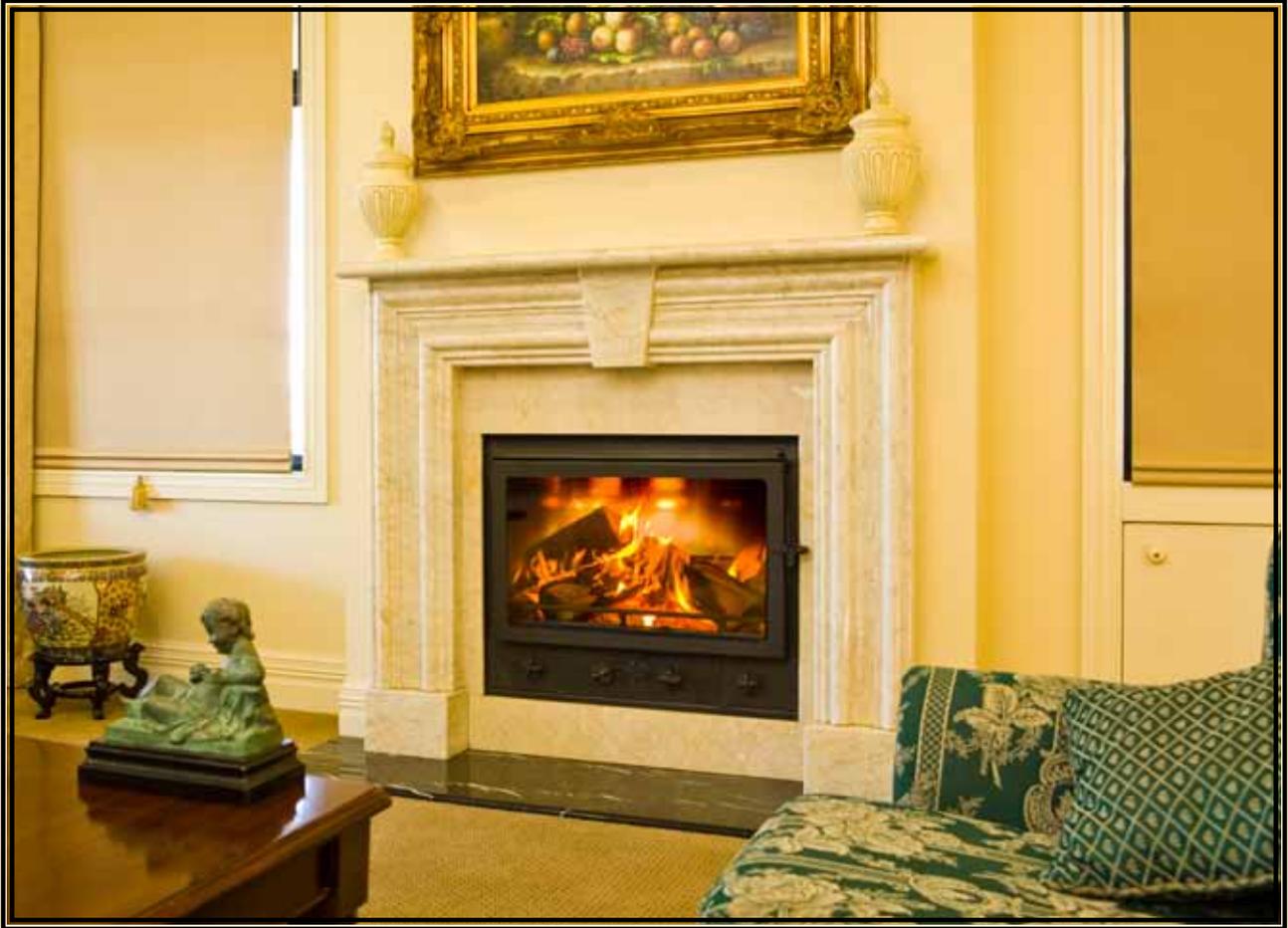


WISE LIVING  
**HYDRONIC HEATING**



## “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 ambience.

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*

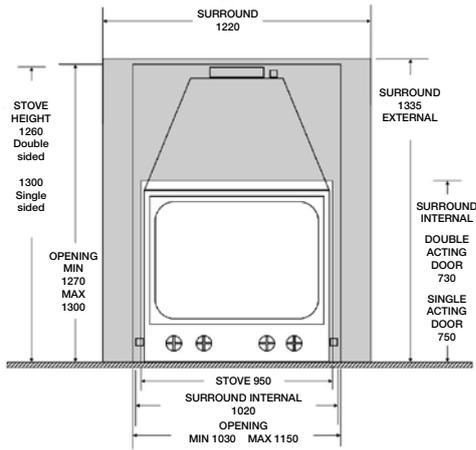
For those who appreciate the delights of a wood fired roast, pizzas and bread or just want billy tea or brewed coffee, all *Sophel's* can be optioned with a cooking 'Crane' and accessories to make the *Sophel* truly the most versatile heating appliance on the market.

## *Hot Water Free From The Sun*

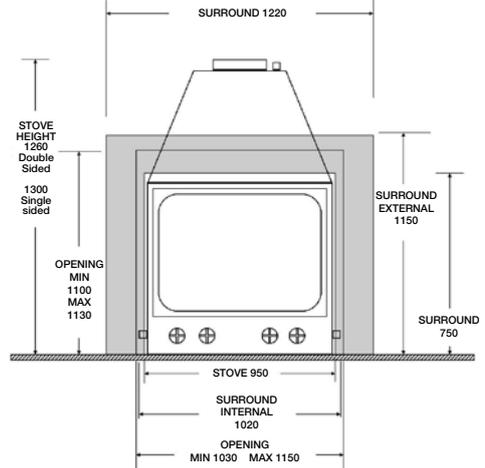
Combine your *Sophel* with Solar-Mio efficient, reliable cost effective solar hot water collectors to provide either domestic and / or central heating contribution, free from the sun.

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

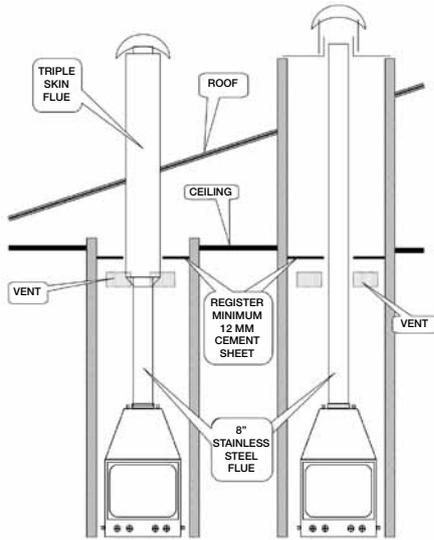
**SOPHEL FRONT SINGLE OR DOUBLE SIDED WALL OPENING/LARGE SURROUND**



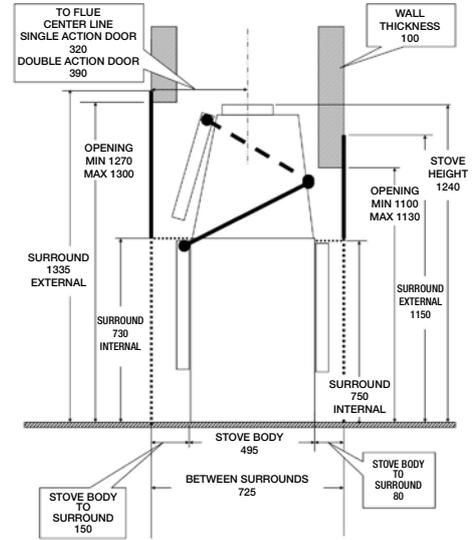
**SOPHEL REAR DOUBLE SIDED/SINGLE ACTING DOOR/SMALL SURROUND**



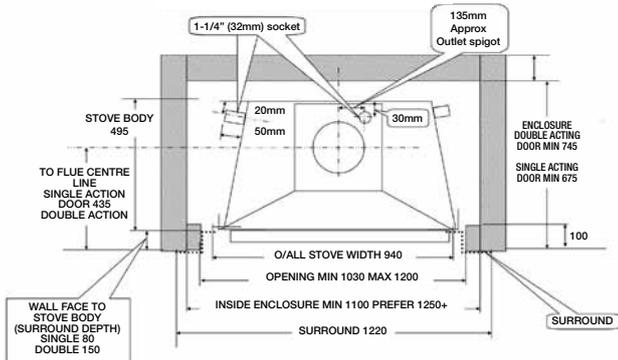
**SOPHEL FLUE CONFIGURATIONS**



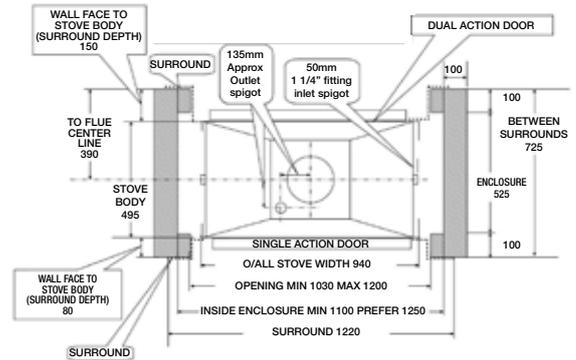
**SOPHEL DOUBLE SIDED UNIT SINGLE & DOUBLE ACTION DOORS/SIDE VIEW**



**SOPHEL SINGLE SIDED UNIT SINGLE ACTION OR DOUBLE ACTION DOOR PLAN VIEW**



**SOPHEL DOUBLE SIDED UNIT SINGLE ACTION OR DOUBLE ACTION DOORS PLAN VIEW**



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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.