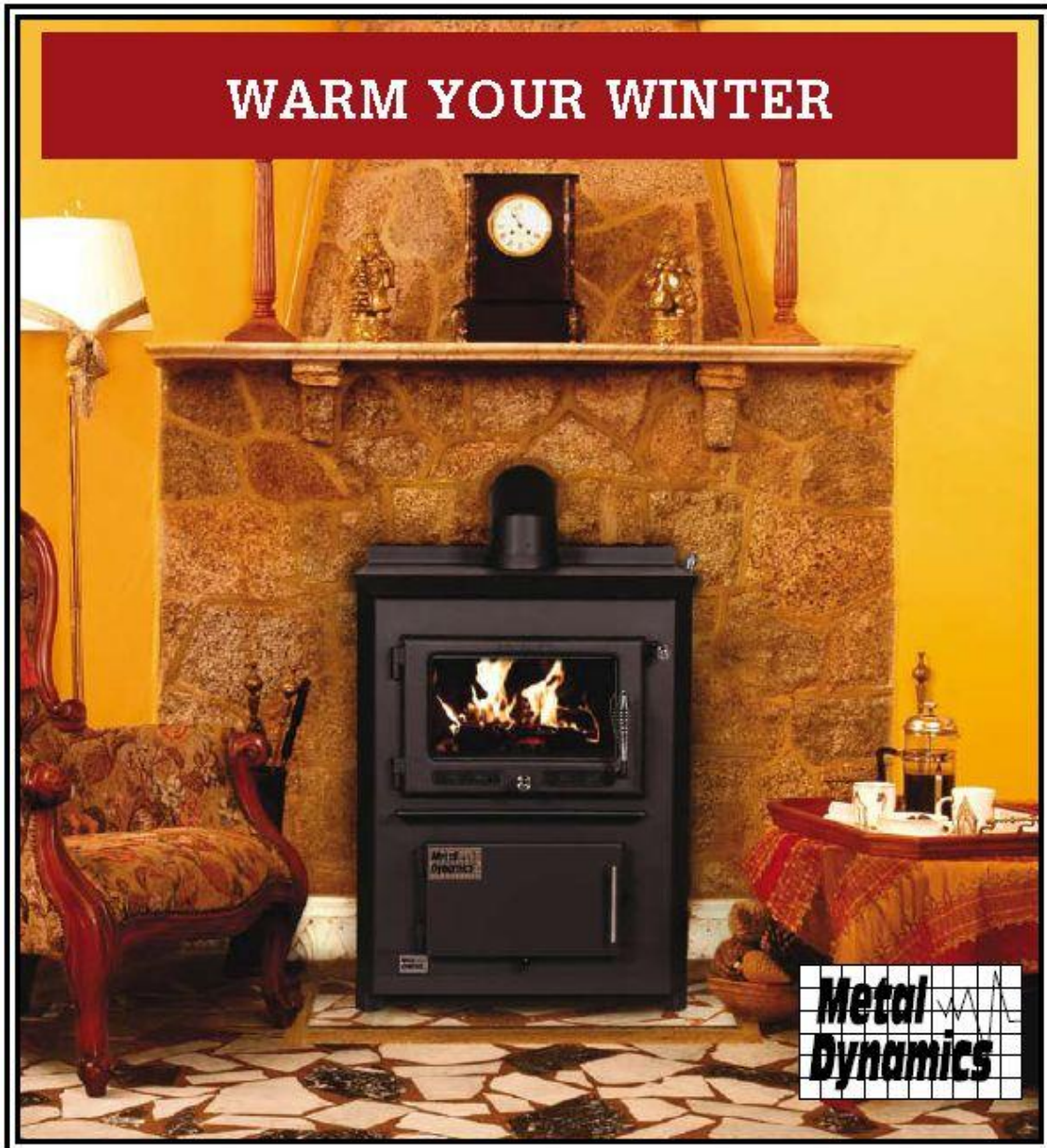


WARM YOUR WINTER



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.

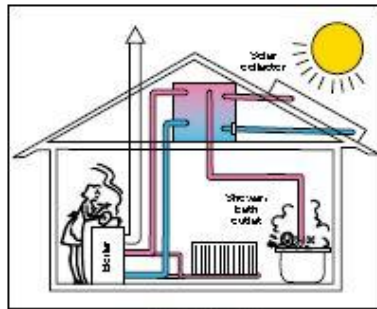
A commitment to the use of a Natural Renewable Energy source that mankind has enjoyed and relied on since the beginning of time, gives the homeowner and smaller commercial user, an affordable alternative for their central heating needs.

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.

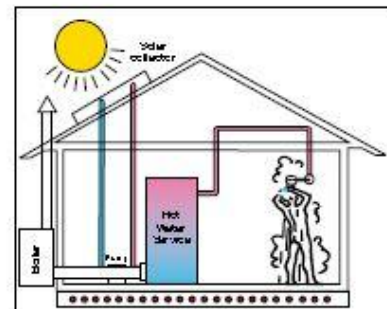
GREEN ENERGY

Metal Dynamics through their solar division **Solar-Mix** 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.



Radiator Heating



In-floor Slab Heating

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 can provide space heating to the room in which 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 50KWt 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-flap 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.



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 "Therblend" 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 HEARTH	From 25mm to 600mm 6mm thick + 450mm in front	SIDE	400mm	CLEARANCE	
CENTRAL HEATING	50KW max	REAR FROM FLUE HEARTH	125mm 6mm thick + 450 mm in front	SIDE	From 25mm to 390mm
		CENTRAL HEATING	35KW max	REAR FROM FLUE HEARTH	100mm with flue shield 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 auxiliary solar panels.
FLUE		OTHER OPTIONS	
RADIATORS		TOTAL	



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