

**Masport<sup>®</sup>**  
Heating

# FREESTANDING WOOD FIRES



Made in New Zealand for New Zealand homes  
[www.masportheating.co.nz](http://www.masportheating.co.nz)



## Welcome to Glen Dimplex New Zealand, the largest wood fire manufacturer in Australasia and the home of Masport Heating.

Superior build quality, extensive research and development, rigorous quality control and a guarantee of workmanship are values that are synonymous with Masport Heating. Glen Dimplex is the largest manufacturer of wood fires in Australasia and incorporates a high level of equipment and facilities unrivalled by any other manufacturer in New Zealand. As a consequence, our product range is extensive and offers great value for money.

Masport Heating is committed to producing the best solid fuel burners in Australasia and our confidence is reflected in our 10 year fire box warranty\* on our entire wood fire range. We hold operational spare parts available for purchase, for 15 years from the last date of manufacture for all models. Rest assured that you are buying a quality product from a reliable and renowned wood fire manufacturer.

**For more information, please view our latest range of products on offer in this catalogue or visit our website [www.masportheating.co.nz](http://www.masportheating.co.nz).**

\*10 year warranty does not include the Cromwell ULEB fire.

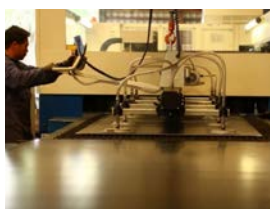
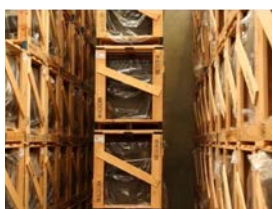
## MADE IN NEW ZEALAND



Why buy an off shore imitation? Keep kiwis employed and get a genuine Masport wood fire made in New Zealand for almost 40 years for New Zealand homes.

Buying a Masport wood fire ensures you will have operational spare parts readily available for up to 15 years, this is a promise we have made to you. Our dedicated staff have collectively hundreds years of experience in the wood fire industry and are ready to assist you with your home heating needs.

Making a Masport wood fire is a team effort. We buy New Zealand made steel that's cut, crafted, welded and assembled by our team of over 90 kiwis. This kiwi quality is made to suit New Zealand homes keeping your home and your heart warm this winter.



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## TYPES OF FIRES

### CLEAN AIR FIRES

There are two main categories of clean air fires.

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**CONVECTION FIRES** provide a more even heat by distributing warm air around the room, because hot air rises, the air in the room is warmed from the ceiling downwards. A convection fire is more suitable for a room or house with a standard ceiling height and where more even heat distribution is desired.

**RADIANT FIRES** heat quickly and if you sit close to them you can get warm even if the whole room has not had time to warm up. A radiant fire transfers about two thirds of its heat by radiating out and one third by convection. A radiant fire is more suitable for rooms with high ceilings.

## AKAROA

The Masport Akaroa breaks from the traditional wood fire. The sleek curved design of the Akaroa provides a design fitting of today's modern home and yet still adds a touch of elegance to any home. The Akaroa will not only make a statement but, will also keep your home warm this winter.

- NES, ECAN and ORC Airshed 1 clean air approved
- Efficiently heats area 160m<sup>2</sup>
- Superior heat from a 6mm steel fire box
- Built in easy clean ash pan
- **Wood stacker option available**

<b>FINISH:</b>	Metallic Black VHT
<b>LAB OBSERVED PEAK OUTPUT:</b>	16.2kW
<b>EMISSIONS:</b>	0.69g/kg
<b>EFFICIENCY:</b>	66.8%
<b>DIMENSIONS (WxDxH):</b>	481 x 536 x 1025mm



## MACKENZIE R100000

Our most powerful fire ever. Supreme output and efficiency, with minimal clearances. For the heating of large home and open spaces.

- NES and ECAN clean air approved
- Efficiently heats areas 260m<sup>2</sup>
- Superior heat from a 6mm steel firebox and 8mm steel radiant cook top
- Built in Easy Clean ash pan
- Extended burn time\*
- **Available with water booster. Water booster can be retro fitted to existing models.**

<b>FINISH:</b>	Metallic Black VHT
<b>LAB OBSERVED PEAK OUTPUT:</b>	26.4kW
<b>EMISSIONS:</b>	0.9g/kg (Dry), 0.8g/kg (Wet)
<b>EFFICIENCY:</b>	68% (Dry), 65% (Wet)
<b>DIMENSIONS (WxDxH):</b>	790 x 715 x 799mm



\* Extended Burn time: It is possible to achieve an extended burn time, when using a mixture of pine and hardwood. Burn period may vary due to factors such as moisture, density of fuel, environmental factors and how the unit is operated.



## OSBURN 1600

Environmentally friendly and one of the best freestanding clean air fires on the market.

- NES, ECAN and ORC airshed1 clean air approved
- Efficiently heats areas 210m<sup>2</sup>
- Heavy steel construction with 8mm flat radiant cook top
- Built-in ash pan within pedestal for easy cleaning
- Extended burn time\*
- Easy installation with ash only floor protection required
- **Also available with water booster which must be specified, as it cannot be retrofitted**

<b>FINISH:</b>	Metallic Black VHT
<b>LAB OBSERVED PEAK OUTPUT:</b>	21.96kW
<b>EMISSIONS:</b>	0.7g/kg dry and wet
<b>EFFICIENCY:</b>	70% (Dry), 72% (Wet)
<b>DIMENSIONS (WxDxH):</b>	635 x 618 x 743mm



## R5000

Simply a great multi-purpose radiant fire built to produce substantial heat whilst being highly efficient.

- NES, ECAN and ORC Airshed 1 approved
- Efficiently heats areas 190m<sup>2</sup>
- Superior heat from 6mm steel firebox and 8mm radiant cook top
- Masonry fire bricks and 6mm steel baffle for efficient burning
- Leg option or Pedestal with Easy Clean ash pan option available
- Optional 2 speed Fan
- Extended burn time\*
- Easy installation with ash only floor protection required
- **Optional water booster available, Clean air approved (2.7 kW max)**

<b>FINISH:</b>	Metallic Black VHT
<b>LAB OBSERVED PEAK OUTPUT:</b>	19kW
<b>EMISSIONS:</b>	0.5g/kg (Dry), 0.6g/kg (Wet), 0.7g/kg (Fan)
<b>EFFICIENCY:</b>	71% (Dry), 66% (Wet), 73% (Fan)
<b>DIMENSIONS (WxDxH):</b>	700 x 576 x 720mm



Pedestal option



Leg option

## R5000 WOOD STACKER

A large multi-purpose radiant fire with a convenient wood storage solution.

- NES, ECAN and ORC Airshed 1 approved
- Efficiently heats areas 190m<sup>2</sup>
- Superior heat from 6mm steel firebox and 8mm radiant cook top
- Masonry fire bricks and 6mm steel baffle for efficient burning
- Extended burn time\*
- Easy installation with ash only floor protection required
- **Optional water booster available, Clean air approved (2.7 kW max)**

<b>FINISH:</b>	Metallic Black VHT
<b>LAB OBSERVED PEAK OUTPUT:</b>	19kW
<b>EMISSIONS:</b>	0.5g/kg (Dry), 0.6g/kg (Wet)
<b>EFFICIENCY:</b>	71% (Dry), 66% (Wet)
<b>DIMENSIONS (WxDxH):</b>	700 x 576 x 804mm



## FREESTANDING CLEAN AIR RADIANT

### R3000

Our cleanest low emission fire, with the flexibility of many pedestal options.

- NES, ECAN and ORC Airshed 1, clean air approved
- Efficiently heats areas 160m<sup>2</sup>
- 6mm radiant cook top and 6mm steel firebox for efficient burning
- Easy installation with ash only floor protector

<b>FINISH:</b>	Metallic Black VHT
<b>LAB PEAK OUTPUT:</b>	16.2kW
<b>EMISSIONS:</b>	0.36g/kg
<b>EFFICIENCY:</b>	66.2%
<b>DIMENSIONS (WxDxH):</b>	623 x 522 x 690mm



Leg option



Pedestal option



Ash Pan option

### R3000 WOOD STACKER

A practical storage solution teamed with heat and efficiency.

- NES, ECAN and ORC Airshed 1, clean air approved
- Efficiently heats areas 160m<sup>2</sup>
- Convenient wood storage solution
- 6mm radiant cook top and 6mm steel firebox for efficient burning
- Easy installation with ash only floor protector

<b>FINISH:</b>	Metallic Black VHT
<b>LAB PEAK OUTPUT:</b>	16.2kW
<b>EMISSIONS:</b>	0.36g/kg
<b>EFFICIENCY:</b>	66.2%
<b>DIMENSIONS (WxDxH):</b>	623 x 522 x 744mm



## R1200

A compact fire for small spaces to balance between heat output, design and price.

- NES, ECAN and ORC Airshed 1, clean air approved
- Efficiently heats areas 120m<sup>2</sup>
- 6mm radiant cook top
- Steel firebox for efficient burning
- Easy installation with ash only floor protector

<b>FINISH:</b>	Metallic Black VHT
<b>LAB PEAK OUTPUT:</b>	12kW
<b>EMISSIONS:</b>	0.49g/kg
<b>EFFICIENCY:</b>	65.8%
<b>DIMENSIONS (WxDxH):</b>	493 x 510 x 640mm



Pedestal option



Leg option

## FREESTANDING **CLEAN AIR CONVECTION**

## HESTIA 2

Clean and efficient heat using convection technology.

- NES, ECAN and ORC Airshed1 clean air approved
- Efficiently heats areas 190m<sup>2</sup>
- 6mm steel firebox for durability
- Lined with masonry fire bricks for efficient burning
- Easy installation with ash only floor protection required
- Optional convection fan (rural use only)
- Wide door glass gives an unparalleled view of the fire
- **Optional water booster available for Rural application only (2.2 kW max)**

<b>FINISH:</b>	Black VHT
<b>LAB PEAK OUTPUT:</b>	19kW
<b>EMISSIONS:</b>	0.6g/kg
<b>EFFICIENCY:</b>	66%
<b>DIMENSIONS (WxDxH):</b>	640 x 523 x 753mm



## CROMWELL (ULEB)

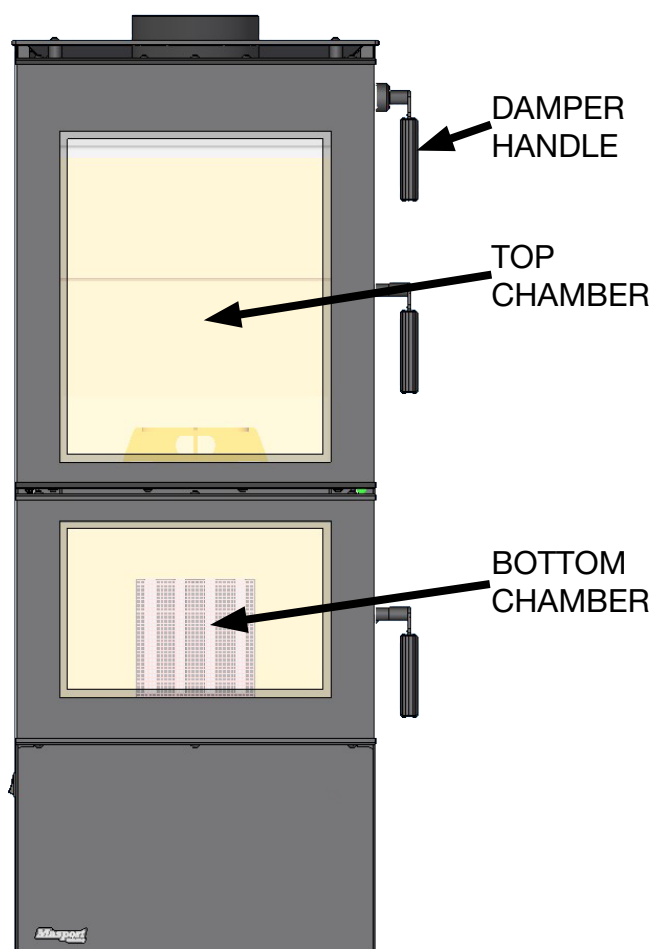
Discover the Cromwell, Masport Heating's Ultra Low Emission Burner (ULEB) with only 0.47g/Kg emissions and 67% efficiency under stringent Canterbury real life testing (CM1 testing).

The Masport Cromwell boasts 13.3kW of heat to help keep your home warm this winter. Do your part for the environment by using a clean burning wood fire.

The Cromwell has been approved by ECAN for installation in the designated clean air zones that were previously unable to install a wood fire.

The Masport Cromwell has two combustion chambers, compared to a conventional wood fire that has one. Light your fire in the top chamber with kindling and a small amount of wood. After 10-12 minutes once the flue gas temperature is achieved, you are ready to close the flue damper. This directs the flue gases in a downward motion in to the bottom chamber where secondary combustion takes place creating maximum heat in conjunction with very low emissions.

<b>LAB PEAK OUTPUT:</b>	13.3kW
<b>EMISSIONS:</b>	CM1 - 0.47g/kg, NES - 0.20g/kg
<b>EFFICIENCY:</b>	CM1 - 67%, NES - 72.4%
<b>FLUE SHIELD:</b>	600mm Masport double flue shield
<b>FLUE SYSTEM:</b>	Standard 4.2m 150mm Masport flue system
<b>FLOOR PROTECTOR:</b>	Ash Floor protector
<b>DIMENSIONS (WxDxH):</b>	468 x 547 x 1188mm



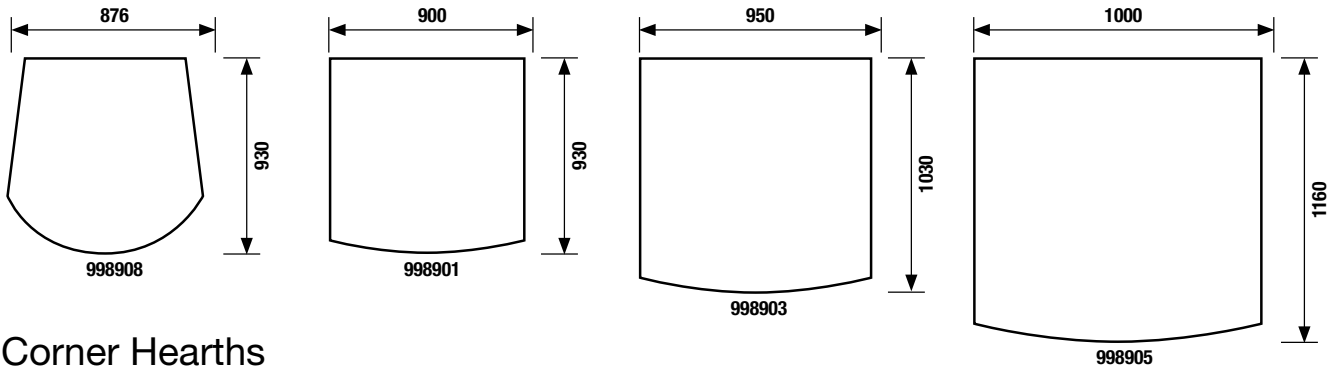


# HEARTHS

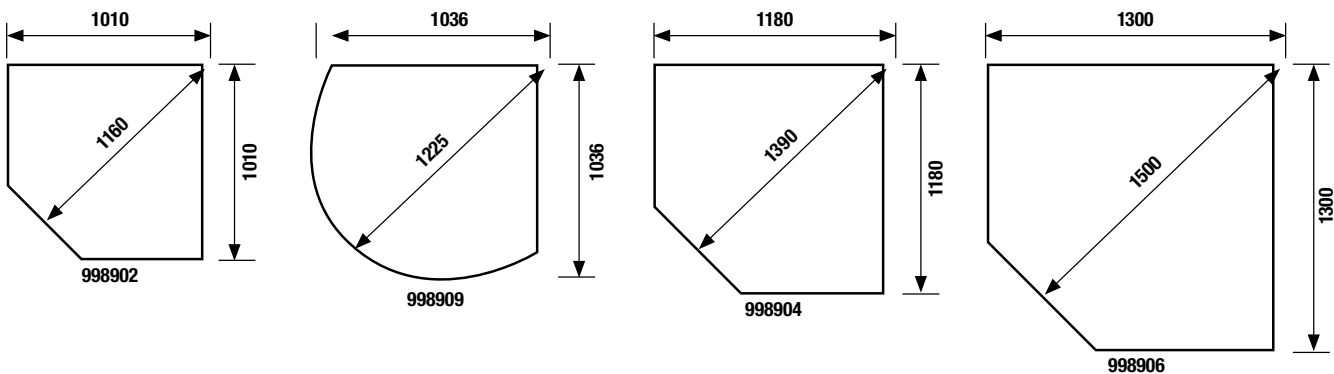
Enhance your freestanding wood fire with a stylish floor protector available in a range of sizes to suit your needs in stunning black.



## Parallel Hearths



## Corner Hearths



	PARALLEL INSTALLATION				CORNER INSTALLATION			
SIZE - WIDTH x DEPTH (mm)	876 x 930	900 x 930	950 x 1030	1000 x 1160	1010 x 1010	1036 x 1036	1180 x 1180	1300 x 1300
STEEL THICKNESS	4mm	4mm	4mm	4mm	4mm	4mm	4mm	4mm
	998908	998901	998903	998905	998902	998909	998904	998906
AKAROA/AKAROA WOODSTACKER	✓	✓				✓	✓	
R1200 LEG	✓	✓				✓		
R1200 PED	✓	✓				✓		
R3000 LEG	✓	✓					✓	
R3000 PED/R3000 ASH PAN	✓	✓					✓	
R3000 WS	✓	✓					✓	
R5000 PED			✓				✓	
R5000 LEG			✓				✓	
R5000 RURAL			✓				✓	
R5000 WS			✓				✓	
MACKENZIE R10000				✓				✓
OSBURN 1600 DRY/MKII WET			✓				✓	
HESTIA 2		✓			✓	✓		
CROMWELL			✓		✓	✓		

\*Hearths are designed where minimum floor protection is required as per AS/NZS 2918:2001 and are made of 4mm Steel.

# SPECIFICATIONS

Minimum distance to heat sensitive materials (mm) when a flue heat deflector is fitted as per standard AS/NZS 2918:2001

MODEL	FLUE SHIELD	FLOOR PROTECTOR TYPE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	R	W
<b>Akaroa / Akaroa Woodstacker</b>	MDSS	AFP	100	350	300	117	180	261	591	400	415	715	920	1236	1025	670	566	481
<b>Cromwell</b>	MDSS	AFP	100	360	300	138	125	344	595	375	446	746	945	1131	957	601	530	470
<b>R1200 L/P</b>	MDSM	AFP	100	280	300	116	100	290	527	401	425	725	888	1165	974	598	567	493
<b>R3000 L/P/Ash/ Woodstacker</b>	MDSM	AFP	100	230	300	100	100	290	542	446	523	823	883	1224	1050	593	631	623
<b>R5000 L/P</b>	MDS	AFP	128	200	300	100	85	324	550	441	600	900	968	1268	1109	644	624	700
<b>R5000 W/S</b>	MDSM	AFP	170	290	300	100	135	366	640	491	600	900	1010	1339	1159	644	695	700
<b>Mackenzie R10000</b>	MDSM	AFP	150	400	300	87	160	350	795	550	664	964	1070	1498	1294	720	778	790
<b>Osburn 1600 Dry &amp; MKII Wet</b>	MDS	MDS	100	360	300	81	150	300	678	483	496	796	1003	1385	1156	701	684	635
<b>Hestia 2</b>	MDS	MDS	50	340	300	130	25	213	660	366	600	900	820	1125	1008	607	518	640

## FLUE SHIELDS:

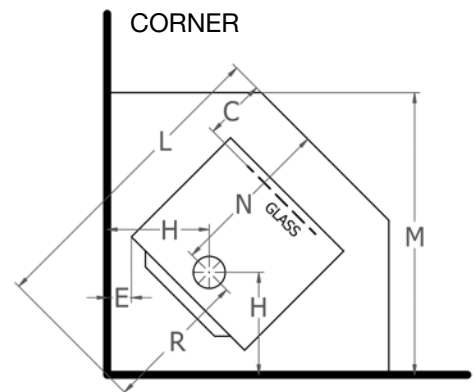
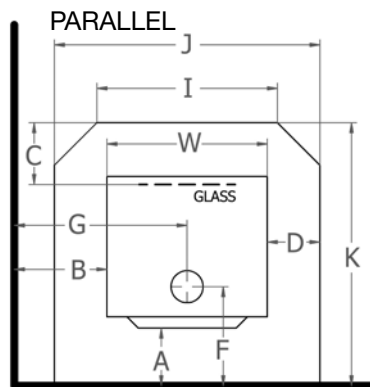
**MDS** Masport Double Skin Flue Shield  
1200mm long – GDFLU012M

**MDSM** Masport Double Skin Flue Shield  
900mm long with special heat diverter and ceiling plate – GDFLU013M

**MDSS** Masport Double Skin Flue Shield  
600mm long – GDFLU018M

## FLOOR PROTECTOR:

**AFP** Ash Floor Protector



Clean Air Radiant Fires	Akaroa	R1200 L/P**	R3000 L/P Ash**	R3000 W/S**	R5000**	MacKenzie	Osburn 1600**
Peak output (kW)	16.2	12	16	16	19*	26.4	21.9*

Ultra Low Emission Burner	Cromwell
Peak output (kW)	13.3

Clean Air Convection Fires	Hestia 2
Peak output (kW)	19

\* Lab tested peak heat output. Heat output and burn time will vary depending on fuel size, type and moisture content.

\*\* These models have a cooktop ability. Please ensure cookware is used and food is not put directly on the wood fire surface. Over time cooking on your wood fire may alter the appearance, this is not covered under warranty.

# Water heating booster tubes can be fitted to Masport wood fires but the local emission regulations in some areas may preclude their use on some models.

**NB:** It is important to note that this dimension page is a guide only. Please refer to the installation manual supplied with the fire for accurate manufacturer recommendations. All details are available on [www.masportheating.co.nz](http://www.masportheating.co.nz)

**Note:** Clearances are for fire hazard only. For durability of finishes or surfaces you should contact the relevant manufacturer for their specification. Glen Dimplex New Zealand Ltd accepts no responsibility for the deterioration of surfaces or finishes.

For full warranty details refer to your owner's manual. All heaters must be installed and serviced by an authorised installer. Due to ongoing enhancements, specifications may change without notice. Some pictures and settings are for illustration purpose only. Contact your dealer for fires available in your area.

# WOOD IS GOOD

## GREAT REASONS TO CHOOSE MASPORT

1. All Masport Heating fires are made by New Zealand's largest wood fire manufacturer.
2. Firebox warranty up to 10 years, not including the Cromwell which is 5 years.\*
3. Comprehensive range of radiant and rural fires to suit a multitude of house designs.
4. Fully brick-lined firebox for efficient heating.
5. Huge range of low emission clean air models.

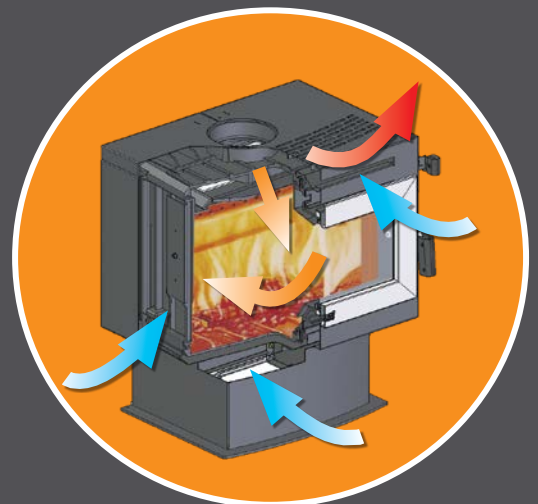
## WHY BUY A WOOD FIRE?

- WOOD IS A CARBON NEUTRAL PRODUCT and unlike other fuels, burning wood generates no more carbon dioxide (CO<sup>2</sup>) than if it was left to decompose naturally.
- A MASPORT WOOD FIRE IS ENERGY EFFICIENT designed to heat your entire house.
- A WOOD FIRE HAS A MULTI PURPOSE FUNCTION which apart from being your primary heat source, can be used inline with a heat transfer/ventilation system, water heating and cooking.
- A WOOD FIRE IS A SMART AND COST EFFECTIVE METHOD OF HEATING being one of the cheapest forms of heating.
- WOOD IS A RENEWABLE ENERGY SOURCE making it a sound environmental choice.
- MASPORT HOLDS OPERATIONAL SPARES PARTS, for up to 15 years from the last date of manufacture. This gives you peace of mind and knowledge that you can service your wood fire over its lifetime. This is the advantage of buying New Zealand made.
- MASPORT OFFERS AN EXTENSIVE RANGE with many models and options to choose from.

## TRIPLE AIR COMBUSTION TECHNOLOGY

Masport fireboxes have been built with a Triple Air Combustion system designed to efficiently burn all the fuel put in the fire. Primary air comes through slots with high/low control, gets preheated and drives primary combustion of fuel. It also creates an 'air wash' over the door glass, keeping it clean. Secondary air comes from either side of the firebox through the air-tube which creates turbulence and burns small, unburnt fuel particles at a very high temperature. Tertiary air comes from below the door or rear of the firebox to ensure complete combustion. This complete combustion gives better efficiency thus reducing running costs and keeping the environment clean.

\*10 year warranty does not include the Cromwell ULEB fire.





See your authorised dealer for inbuilt and rural options



BANNOCKBURN I2000



R5000 RURAL

**Masport<sup>®</sup>**  
**Heating**

Glen Dimplex New Zealand Ltd  
PO Box 58473, Botany, Auckland  
[www.masportheating.co.nz](http://www.masportheating.co.nz)

Glen Dimplex New Zealand Ltd's policy is one of continuous development. We reserve the right to change size and specifications without notice. For confirmation of Masport Heating product details please refer to [www.masportheating.co.nz](http://www.masportheating.co.nz). Please refer to the installation and operation instructions before having your Masport Wood Fire installed. A full set of these instructions is supplied with each fire.