



#### ULTRA LOW EMISSIONS

Ultra fires innovative design promises to revolutionise the home wood-fire scene, especially in areas where night-time air pollution can be a problem, like Christchurch, Timaru and Nelson. These models exceed the ECan ultra-low standards from the time they start to the completion of the burn cycle when the fire bed is left to reduce to embers.



#### ULTRA CLEAN BURNING

Delivering real warmth to your home with a generous flame view to enjoy on those cold winter nights. Firebox construction of solid 6mm NZ made steel and firebrick lined for maximum radiant heat. A convection fan promotes air flow around the inner cabinet of the fire enhancing the transfer of heat into the room for maximum heat efficiency.



#### ULTRA SIMPLE TO OPERATE

At Metro Fires we believe it's best to keep things simple. That's why we've designed and built our Ultra fires to look and perform just like your old fire. The Ultra fires are the most simple ULEB's to use with no additional handles or levers to engage during operation – Simply operate as you would any traditional wood burner.

ULTRA FIRES

## Metro Fires Ultra Insert & Built-In



ULTRA FIRES | metrofires

Specifications were correct at the time of printing but may alter and those detailed within should be used only as a guide. Peak output testing using the NZHHA maximum output test method. If in doubt, please consult your local Metro agency or visit [metrofires.co.nz](http://metrofires.co.nz)

[METROFIRES.CO.NZ](http://METROFIRES.CO.NZ)



# Metro Ultra Fires

## What is a ULEB?

ULEB is an acronym for 'Ultra Low Emission Burner'. Put simply, they are some of the cleanest solid fuel burners on the market with incredibly low emissions.

Tested using the real-life operating test conditions of Canterbury Method (CM1), Metro Ultra Fires meet the Environment Canterbury emission and efficiency standards as well as the MfE National Environmental Standards.

Installation is approved for any clean air zone throughout New Zealand including ULEB zones in the Canterbury, Nelson and Rotorua regions.\*



ULTRA LOW EMISSION WOOD FIRE



15kW PEAK HEAT OUTPUT



3 BDRM HOME HEATING AREA UP TO 150m<sup>2</sup>

Your local council can advise of any specific airshed requirements in your area.

METALLIC BLACK PAINT FINISH (HT)



GLOSS BLACK ENAMEL FINISH (VE)

## Ultra Insert package

Includes firebox, fascia and Ultra Insert flue kit

Impressive 15kW peak heat output

Heat up to 150m<sup>2</sup> (3 bdrm home)

Convection fan for added heat distribution

Metallic black paint (HT) or black enamel (VE) fascia

MfE# 194338 (NES) / ECan# 194337 (CM1)

Emission 0.42gms (NES) / 31.0mg/MJ (CM1)

Efficiency 66% (NES)

### Ultra Built-In options available

The Ultra Insert can also be installed into a timber framed cavity (false chimney) using the Ultra Insert Vented Zero Clearance Cabinet (VZCC) and Metro ECO Built-In flue kit. Visit your Metro retailer or metrofires.co.nz for full details and specifications.

### Ultra Insert Installation

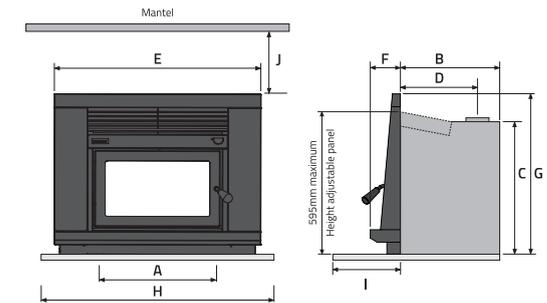
The Ultra Insert is designed to be installed directly into a masonry cavity and has been tested to and complies with AS/NZS 2918.

The Ultra Insert requires an insulated floor protector which must extend a minimum of 200mm to each side of the door opening making the minimum floor protector width 825mm. The minimum insulated floor protector projection forward of the Metro is 300mm as detailed in the table below (I). The floor protector must be a minimum height of 50mm above any combustible floor covering.

### Mantel clearance

A timber or combustible mantel shelf above the fireplace insert opening should be a minimum distance (J) above the top of the Ultra Insert fascia as detailed in the table overleaf. If the clearance is less than the minimum specified, a heat shield will be required to be fitted under the mantel to the top of the fascia using the relevant detail as set out in AS/NZS 2918.

Download a copy of the Ultra Insert Installation and Operation manual from [www.metrofires.co.nz](http://www.metrofires.co.nz) for full installation specifications.



FIREBOX WIDTH	FIREBOX DEPTH	FIREBOX HEIGHT	FLUE CENTRE	FASCIA WIDTH	FASCIA DEPTH	FASCIA HEIGHT	MINIMUM FLOOR PROTECTOR WIDTH	MINIMUM FLOOR PROTECTOR PROJECTION	MANTEL CLEARANCE
A	B	C	D	E	F	G	H	I	J
580	530	550	405	810	120	654	825	300	500

All measurements detailed above exclude the 13mm insulating blanket.