

metrofires



PERFORMANCE WITH STYLE

2017 Wood Fire Range



Welcome to Metro Fires

Keeping warm is a basic need we all share, and the natural warmth, comfort and ambience of a flickering fire is the perfect way to keep your home warm, dry and healthy.

Born in rural Taranaki in the mid 90's, we are a locally owned and operated family company with the mission to deliver the best heating solutions to New Zealand homes and for Metro Fires to be New Zealand's most respected wood fire brand.

We are dedicated wood fire specialists and pride ourselves on using the highest quality materials, workmanship and the very latest manufacturing techniques. We are also proud to support local industry and New Zealand's future by continuing to design and manufacture our wood fires right here in New Zealand.

Solid New Zealand steel fireboxes, large flat radiant cooktops, maximum flame view through generous size door glass, and optional wetbacks for water heating, are all standard features found within the Metro range.

Metro's firebox design features only minimal parts that require maintenance and servicing, with all models past and present, fitted with the same Metro fire brick to keep purchase and replacement of these parts simple. We also continue to manufacture and supply parts for every Metro model produced, and we guarantee this for a minimum of 25 years from the last date of manufacture for all models.

While we specialise in wood fire development, we also provide the complete home heating solution with our extensive range of complimentary heating products. From our unique Metro ECO flue systems, wetbacks and heat transfer systems, to our range of floor protectors (hearths), child guards and general heating accessories.

Welcome warmth and comfort into your home today. Thank you for considering Metro Fires.



Darin Butler | **Managing Director**



A comprehensive range of clean air approved fires for urban homes and LTD wood fires to suit rural homes.



Designed and manufactured in New Zealand by a New Zealand owned and operated company.



Most Metro fires can be fitted with a wetback to assist with your water heating requirements.



Metro fires are capable of heating up to 280m². Look for this heating area icon displayed with each wood fire.



Metro fireboxes are constructed with 6, 8 or 10mm NZ steel and firebrick lined for superior efficiency and longevity.



Metro ECO Flue Systems draw cooling air from the ceiling cavity or outside, not from the room the fire is heating.



Minimal clearances are required to a combustible surface allowing for compact wall and corner installations.



Peace of mind with our premium 10 year firebox warranty and 1 year parts warranty on all Metro fires.



Guaranteed genuine parts supply for a minimum of 25 years from the last date of manufacture for all models.



Clean air approved models

These models are suitable for any sized property and can be installed into a clean air zone



Model	Tiny Ped	Tiny Rad	Tiny Rad Woody	Wee Rad Legs	Wee Rad Base
Heating area	120m2	120m2	120m2	150m2	150m2
Heat output	11kW	11kW	11kW	15kW	15kW
Wetback	✓	✓	✓	✓	✓
Appliance finish	HT	HT	HT	HT	HT
Page reference	5	5	5	7	7



Model	Classic Rad	Xtreme Rad Legs	Xtreme Rad Base	Xtreme Rad Woody	Xtreme Ped
Heating area	170m2	220m2	220m2	220m2	220m2
Heat output	17kW	20kW	20kW	20kW	20kW
Wetback	✓	✓	✓	✓	✓
Appliance finish	HT	HT	HT	HT	HT or VE
Page reference	12	8	8	9	8

LTD models

These models are suitable for properties with a land area of two hectares or greater



Model	LTD Wee Rad Legs	LTD Wee Rad Base	LTD Wee Rad Woody	LTD Xtreme Rad Legs	LTD Xtreme Rad Base
Heating area	150m2	150m2	150m2	220m2	220m2
Heat output	15kW	15kW	15kW	20kW	20kW
Wetback	✓	✓	✓	✓	✓
Appliance finish	HT	HT	HT	HT	HT
Page reference	14	14	14	15	15

* This clean air model is not approved with a wetback in a clean air zone, but can be installed with a wetback on properties of 2 hectares or greater.

HT= High temperature paint finish / VE= Vitreous Enamel finish



**Wee Rad
Woody**

150m2

15kW

✓

HT

7



Wee Ped

150m2

15kW

✓

HT or VE

7



R1

150m2

15kW

HT

3



R2

220m2

20kW

HT

3



Ambie One

170m2

15kW

✓*

VE

11



Ambie Plus

220m2

20kW

✓

VE

11



Euro Ped

220m2

20kW

✓

VE

12



Mega Rad

280m2

24kW

✓

HT

12



Trend Insert

150m2

15kW

✓*

VE

16



Smart Insert

150m2

15kW

✓

HT or VE

16



Mega Smart

220m2

20kW

✓

VE

17



**LTD Xtreme Rad
Woody**

220m2

20kW

✓

HT

15



LTD Mega Rad

280m2

24kW

✓

HT

14



LTD Trend Insert

150m2

15kW

✓

VE

17

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Choose the best fire

There are many factors to consider when installing a Metro fire in your home and ensuring you select the correct size and model for your home and heating requirements is key. The right Metro wood fire with correct operation and good dry fuel will provide you many years of warmth and reliable heating.



1

Check your property size to confirm whether you're in a clean air zone or not

2

Check with your local council for the specific airshed/emission requirements for your area

3

Choose the correct size Metro fire to provide the best heat for your home

4

Choose the best location in your home for installing your new Metro fire

5

Have your Metro fire installed by an NZHHA registered or suitably qualified installer

Red Hot Package Deals

R1 PACKAGE



Package Deal includes:

- Metro R1 freestanding wood fire
- Standard freestanding flue kit
- Pioneer double flue shield
- 10 year firebox warranty

Package Deal \$1799



MODEL



150m2



15kW

The raw industrial design of the R1 delivers a true radiant fire featuring a peak heat output of 15kW. Coupled with a generous size firebox, the R1 is a modern take on the old pot belly and will keep your home and family warm this winter with its impressive radiant heat.

R2 PACKAGE



Package Deal includes:

- Metro R2 freestanding wood fire
- Standard freestanding flue kit
- Pioneer double flue shield
- 10 year firebox warranty

Package Deal \$2599



MODEL



220m2



20kW

The naked ambition of the R2 wood fire delivers true radiant heat that will out perform all expectations with a 20kW peak heat output. The larger model in the R Series, the R2 is ideal for large, older homes and will keep winter at bay with its remarkable performance.

SMART PACKAGE



Package Deal includes:

- Metro Smart Insert firebox
- Metro Smart Insert HT fascia
- Standard insert flue kit
- 10 year firebox warranty

Package Deal \$2698



MODEL



150m2



15kW

Less is more with the Smart Insert. Minimal detailing and clean lines place the Smart well in any home. The Smart package is designed for installation into an existing masonry chimney making it perfect for replacing an inefficient open fire or older style insert fire.

Please note: The R1 and R2 Packages shown above do not include the floor protector (hearth) illustrated. The Smart Package is suitable for masonry chimney installations only. The prices shown above are for the listed package contents only. Installation and council consent costs will need to be provided by your local Metro dealer or installer.

— TINY RAD —





Tiny Rad on a polished concrete floor


Tiny Series


Designed for heating smaller homes and open areas, the Tiny Series feature surprisingly large volume fireboxes for compact sized wood fires. The Tiny Series punch well above their weight with a peak heat output of 11kW. The Tiny Ped requires the smallest installation footprint with corner and wall clearances of only 25mm and 60mm respectively.

Cook your favourite soup or boil the kettle on the dedicated cooktop of the radiant models. The Tiny Series are small versatile fires that do it all and will provide you with many years of warmth. All models can also be fitted with a wetback to assist with your water heating requirements.


MODELS


120m2


11kW


WETBACK



— TINY PED —



— TINY RAD Woody —



— TINY RAD —

Model	Heat type	Heating area	Heat output	Wetback	Finish	Width	Depth	Height
Tiny Ped	Convection	120m ² / 2-3 bdrm home	11kW	✓	HT	490	530	665
Tiny Rad	Radiant	120m ² / 2-3 bdrm home	11kW	✓	HT	505	530	665
Tiny Rad Woody	Radiant	120m ² / 2-3 bdrm home	11kW	✓	HT	515	498	758

HT = High temperature paint finish

— WEE RAD Legs —



Wee Rad Legs on an Alloy Small Wall floor protector

Wee Series

The Wee Series consists of four clean air approved models with a choice of leg, pedestal, base and wood stacker configurations. The Wee Rad models feature flat radiant cooktops with ample space for both pots and kettles.

The Wee Series feature a clean burning firebox design that delivers a peak heat output of 15kW to warm your home. The generous door glass provides the perfect flame view to enjoy on those cold winter nights. All Wee Series models can also be fitted with a wetback to assist with your water heating requirements.



MODELS



150m²



15kW



WETBACK



— WEE RAD Base —



— WEE RAD Woody —



— WEE PED —

Model	Heat type	Heating area	Heat output	Wetback	Finish	Width	Depth	Height
Wee Ped	Convection	150m ² / 3 bdrm home	15kW	✓	HT or VE	602	503	665
Wee Rad - Legs	Radiant	150m ² / 3 bdrm home	15kW	✓	HT	615	501	688
Wee Rad - Base	Radiant	150m ² / 3 bdrm home	15kW	✓	HT	615	501	691
Wee Rad - Woody	Radiant	150m ² / 3 bdrm home	15kW	✓	HT	615	501	758

HT = High temperature paint finish // VE = Vitreous enamel finish

Xtreme Series

The Xtreme Series also features four clean air approved models with a choice of leg, pedestal, base and wood stacker configurations. The Xtreme Rad models have large flat radiant cooktops with ample space for both pots and kettles.

The Xtreme Series feature a clean burning firebox design that delivers a peak heat output of 20kW to warm your home. The large landscape door glass provides the perfect flame view to enjoy on those cold winter nights. All Xtreme models can also be fitted with a 3kW wetback to assist with your water heating requirements.



MODELS



220m²



20kW



WETBACK



— XTREME RAD Legs —



— XTREME PED —



— XTREME RAD Base —

Model	Heat type	Heating area	Heat output	Wetback	Finish	Width	Depth	Height
Xtreme Ped	Convection	220m ² / 4 bdrm home	20kW	✓	HT or VE	688	554	721
Xtreme Rad - Legs	Radiant	220m ² / 4 bdrm home	20kW	✓	HT	740	554	743
Xtreme Rad - Base	Radiant	220m ² / 4 bdrm home	20kW	✓	HT	740	554	743
Xtreme Rad - Woody	Radiant	220m ² / 4 bdrm home	20kW	✓	HT	740	554	813

HT = High temperature paint finish // VE = Vitreous enamel finish

— XTREME RAD Woody —



Xtreme Rad Woody on an Alloy Medium Wall floor protector

— AMBIE PLUS —




**Best Design Awards
Double Winner**


Ambie Plus on an Alloy Medium Wall floor protector


Ambience Series


From the initial spark to the final embers slowly burning out, the Ambience Series is the embodiment of minimalist design and smooth styling. Award winning design with exceptional performance and style, strikingly finished in high gloss black enamel.

Get the best of both radiant and convection heat from these convection wood fires that also generate huge radiant heat through the one piece glass front. The clean burning firebox design will deliver warmth and comfort all winter long.


MODELS


170 / 220m2


15-20kW


WETBACK



— AMBIE ONE —



— AMBIE PLUS —

Model	Heat type	Heating area	Heat output	Wetback	Finish	Width	Depth	Height
Ambie One	Radiant/Convection	170m ² / 3 bdrm home	15kW	*	VE	577	464	717
Ambie Plus	Radiant/Convection	220m ² / 4 bdrm home	20kW	✓	VE	671	550	759

VE = Vitreous enamel finish // * Can be installed with a wetback on properties of 2 hectares or greater.

Unique in Design

These Metro models feature unique design benefits that complement their performance and heat output. Solid 8mm and 10mm radiant cooktops feature on the Classic Rad and Mega Rad providing generous space for both pots and kettles. The Euro Ped's curved frontage and panoramic door glass provides enhanced flame view from any angle, with direct vent technology allowing combustion air to be drawn in from outside the home.



Model	Heat type	Heating area	Heat output	Wetback	Finish	Width	Depth	Height
Classic Rad	Radiant	170m ² (3 bdrm home)	17kW peak heat	✓	HT	530	708	680
Euro Ped	Convection	220m ² (4 bdrm home)	20kW peak heat	✓	VE	670	575	715
Mega Rad	Radiant	280m ² (4-5 bdrm home)	24kW peak heat	✓	HT	840	659	744

HT = High temperature paint finish // VE = Vitreous enamel finish

— CLASSIC RAD —



MODEL



170m²



17kW



WETBACK

The Classic Rad features a very deep North/South firebox design which can accommodate pieces of firewood up to 540mm long. Firebox design provides increased heating capacity with a peak output of 17kW and the large flat 8mm cooktop provides ample space for both pots and kettles.



— EURO PED —



MODEL



220m²



20kW



WETBACK

For large open-plan homes the Euro Ped will keep the whole family warm and cosy. Featuring a european inspired curved frontage, with the option of direct vent technology allowing the combustion air to be drawn in from outside the home, through the floor, wall or ceiling for increased efficiency.



MODEL



280m²



24kW



WETBACK

The largest clean air approved Metro radiant, and the biggest fire in the Metro family. The Mega Rad features a huge firebox with a solid 10mm steel cook top to match. This firebox handles hefty firewood with ease and is capable of providing up to 24kW's of peak heat to keep the largest of homes warm and comfortable all winter long.



— MEGA RAD —



— LTD WEE RAD Legs —



— LTD WEE RAD Woody —



— LTD WEE RAD Base —

LTD Series

These Metro models are designed for lifestyle and rural properties with a land area of two hectares or greater.

All LTD rural models feature Metro's metallic black paint finish and large flat radiant cooktops. The unique firebox design delivers longer burn times ensuring winter warmth, cooking and water heating are all dominant features of these rural models. Either 3 or 4kW wetbacks can be fitted to assist with your water heating requirements.

Choose from leg, base and wood stacker configurations with peak heat outputs from the 15kW Wee models to the massive 24kW output of the LTD Mega Rad. An LTD Insert model is also available (please see page 17).

Large volume firebox delivers 24kW and can be loaded with wood up to 480mm long



— LTD MEGA RAD —



— LTD XTREME RAD Legs —



— LTD XTREME RAD Woody —



— LTD XTREME RAD Base —



Solid 10mm thick steel radiant cook top provides ample space for cooking

Huge 600mm wide landscape door glass provides the largest flame picture



MODELS



150-280m²



15-24kW



WETBACK

Model	Heating area	Heat output	Width	Depth	Height
LTD Wee Rad - Legs	150m ² / 3 bdrm home	15kW	615	501	688
LTD Wee Rad - Base	150m ² / 3 bdrm home	15kW	615	501	691
LTD Wee Rad - Woody	150m ² / 3 bdrm home	15kW	615	501	758
LTD Xtreme Rad - Legs	220m ² / 4 bdrm home	20kW	740	554	743
LTD Xtreme Rad - Base	220m ² / 4 bdrm home	20kW	740	554	743
LTD Xtreme Rad - Woody	220m ² / 4 bdrm home	20kW	740	554	813
LTD Mega Rad	280m ² / 4-5 bdrm home	24kW	840	659	744

Insert and Built-In Series

Metro Insert wood fires

Metro have three insert wood fires (ECO & LTD Trend Insert and Smart Insert) which are designed to be installed directly onto a concrete base inside a masonry chimney.

All Metro Insert fires can also be converted into a Built-In appliance and installed into a timber framed cavity (false chimney) by utilising the appliance specific Metro Vented Zero Clearance Cabinet (VZCC) and the ECO Built-In Flue System.

Metro Built-In wood fires

The Mega Smart Built-In is a dedicated built-in wood fire and comes standard with a Metro VZCC pre-fitted to its firebox, all ready for installation into a timber framed cavity.

The Metro ECO Built-In Flue System must be used with all 'Built-In' installations. This system incorporates Metro's unique vertical discharge cowl which improves flue draw and increases performance.



— ECO TREND INSERT —



MODEL



150m2



15kW



WETBACK

The ECO Trend Insert is a perfect fit for new and existing installations into either a masonry chimney or timber framed cavity¹. The thermo fan is required for all installations in a clean air zone and further enhances the convected heat output and circulation. Wetback options are available for properties with a land size of 2Ha or greater. Fascia finished in black vitreous enamel.



— SMART INSERT —



MODEL



150m2

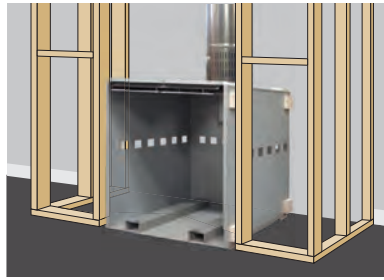
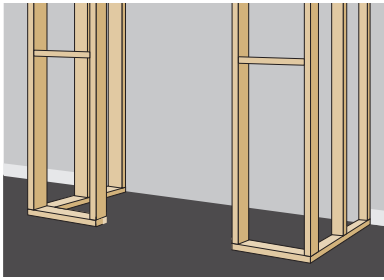


15kW



WETBACK

Minimal detailing and clean lines place the Smart well in any home. Installation into an existing masonry chimney makes it perfect for replacing an inefficient open fireplace or older style insert fire. Installation into a timber framed cavity¹ can also be achieved by utilising the Smart Insert VZCC and optional fascia base rail (as pictured). Fascia finished in metallic black high temperature paint or black vitreous enamel.



¹ The ECO Trend Insert, LTD Trend Insert and Smart Insert wood fires can be converted in to a Built-In appliance and installed into a timber framed cavity (false chimney) with the addition of the appliance specific Metro Vented Zero Clearance Cabinet (VZCC). Please see your Metro dealer or go to metrofires.co.nz for full details.

— LTD TREND INSERT —



MODEL



150m2



15kW



WETBACK

The LTD Trend Insert is suitable for properties with a land area of 2Ha or greater and designed for new and existing installations into either a masonry chimney or timber framed cavity¹. The LTD Trend Insert features traditional styling with a gentle sloping flush front and rolled ashlip, with the unique firebox design delivering longer burn times. Fascia finished in black vitreous enamel.

— MEGA SMART BUILT-IN —



MODEL



220m2



20kW



WETBACK

The perfect blend of functionality and smart contemporary styling. The Mega Smart is a dedicated 'Built-In' appliance designed for installation into a timber framed cavity. With an outstanding peak heat output of 20kW and wetback capable, the Mega Smart Built-In is designed for heating large open areas and will drive out the cold all winter long. Fascia finished in black vitreous enamel.

Product Gallery

— AMBIE ONE —



— AMBIENCE SERIES —



— XTREME RAD Base —



— TINY RAD —



— SMART INSERT —



— WEE PED —



— TINY PED —



— XTREME RAD Woody —



— ECO TREND INSERT —



— LTD TREND INSERT —



— R1 —



— MEGA RAD —



— WEE RAD Legs —



— WEE RAD Woody —



— AMBIE ONE —



— AMBIENCE SERIES —



— SMART INSERT —



— CLASSIC RAD —



ECO Flue Systems

We have dedicated years of development and testing to deliver the best performance and efficiency from a flue system. A Metro ECO Flue System will retain the warmth produced by your Metro wood fire within your home, and reduce fuel consumption at the same time.

Metro ECO Base Flue System

The Metro ECO Base Flue system is a double-liner system consisting of a 150mm flue pipe, 200mm inner liner, 250mm outer liner and Metro ECO Cowl.

The easily-recognisable rocket shaped cowl operates on a vertical discharge principle, and induces updraft to the flue gases increasing draw within the flue pipe. The unique design and performance of the Metro ECO Cowl and ECO Base Flue system is what sets it apart from a standard design flue system.

The ECO Base Flue system is ventilated from either your home's ceiling cavity or from outside your home (ECO Option Kit required). This ensures all the heat produced by your wood fire remains within your home instead of escaping up the flue system to ventilate it.

The energy savings achieved by the ECO Base Flue System are impressive. Lab testing of a standard flue system

resulted in the heated air produced by the wood fire being drawn out of the home at an astounding rate of 450 litres per minute. Now that's a lot of hot air to lose!

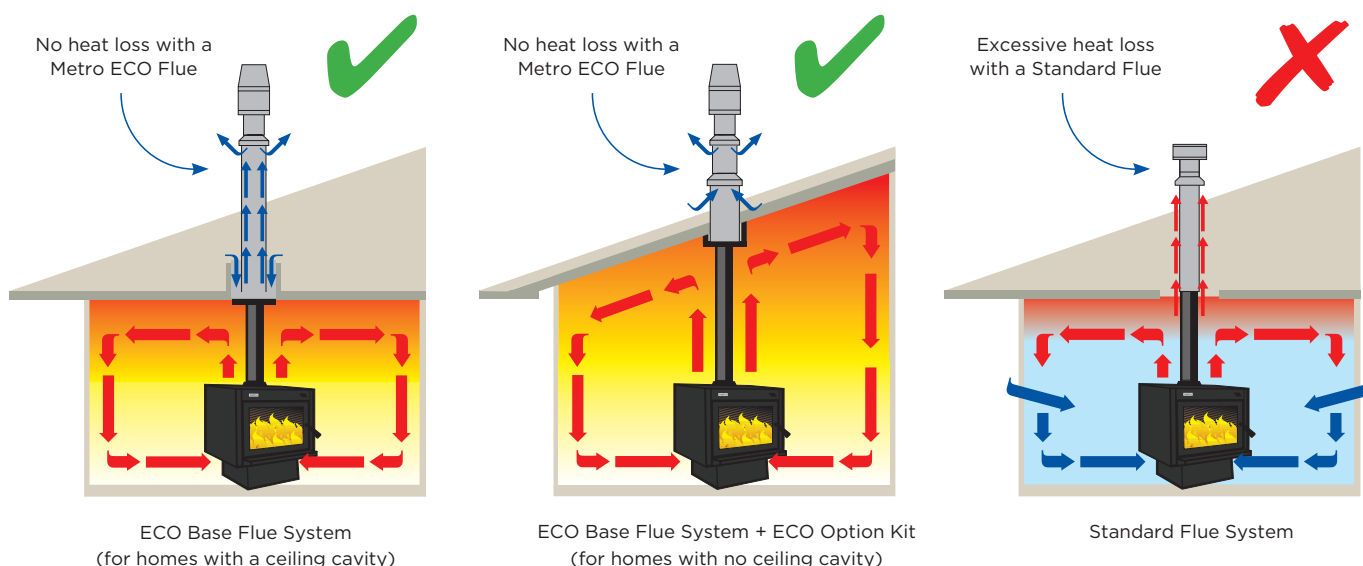
Metro ECO Option Kit

The ECO Option Kit is designed for installation in combination with the Metro ECO Base Flue System.

The ECO Option kit enables homes without a vented ceiling cavity or homes featuring a sloping ceiling, to still achieve the same performance and efficiency benefits the ECO Base Flue System provides. Instead of the ventilation for the flue system being drawn from within the ceiling cavity, it is drawn in to the flue system from outside the home.

Standard Flue Systems

Standard flue systems draw their cooling air from the room that is being heated by the wood fire. On a cold winter's night these hugely inefficient flue systems can empty an average sized room of potentially 28°C air, once every hour. It replaces this air heated by the wood fire with the outside air which in some regions can be below zero.



See your Metro dealer or go to metrofires.co.nz for full details on all Metro ECO Flue System's.

Maximise the performance of your Metro fire with an ECO Flue System



ECO Base Flue System*

Suitable for freestanding wood fires being installed into a home with a vented ceiling cavity. Ventilation for the flue system is drawn from the homes ceiling cavity.

ECO Option Kit*

An additional kit installed with the ECO Base Flue System for homes without a vented ceiling cavity or for homes featuring a sloping ceiling. Ventilation for the flue system is drawn from outside the home.

ECO Extension Kit*

Suitable for extending all Metro Flue Systems within the roof space and outside the home. Includes 1200mm lengths of 150mm unpainted fluepipe, a 200mm inner liner and 250mm outer liner.

ECO Insert Flue System

Suitable for Insert wood fires being installed into a masonry chimney.

ECO Built-In Flue System

This flue system must be installed with all Metro Built-In fires and also Metro Insert fires with a Vented Zero Clearance Cabinet (VZCC) being installed into a timber framed cavity/false chimney.

ECO Swap Over Kit

Designed for wood fire 'swap-overs' when use of the homes existing 200mm and 250mm liners is permitted. Includes 1200mm lengths of 150mm fluepipe (x3) and a Metro ECO Cowl.

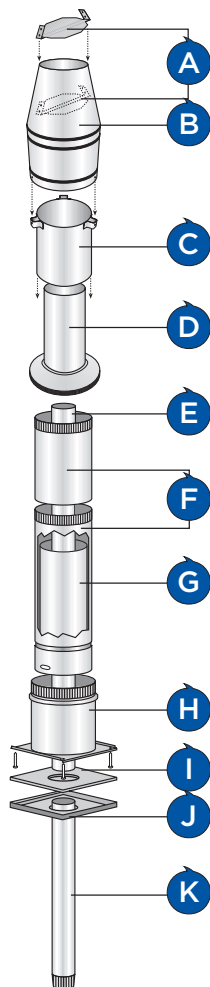
* Galvanised and stainless steel outer liner options available

ECO Flue System Components

Metro ECO Base Flue System

Designed for installation into a home that has a ceiling cavity with unrestricted air supply. A vented ceiling cavity is required as the ECO Base Flue System draws its cooling air from the ceiling cavity.

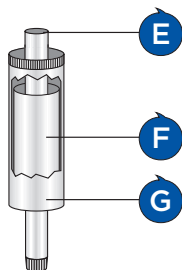
A	1 x S/Steel weather butterfly
B	1 x S/Steel ECO Cowl housing
C	1 x 225mm x 200mm diameter S/Steel outer casing extension
D	1 x 480mm x 150mm diameter S/Steel flue pipe extension with flashing cone
E	1 x 1200mm x 150mm diameter S/Steel flue pipe
F	1 x 1200mm x 250mm diameter galvanised outer casing with 750mm long slip section
G	1 x 800mm x 200mm diameter galvanised inner casing
H	1 x Galvanised mounting plate with brackets and 300mm x 300mm diameter casing attached
I	1 x insulation gasket
J	1 x clip-on ceiling plate
K	2 x 1200mm lengths of 150mm diameter S/Steel flue pipe painted metallic black
+	1 x plastic bag of assembly bolts



Metro ECO Extension Kit

Designed to provide extensions in 1200mm sections for the Metro ECO Base Flue System and ECO Built-In Flue System.

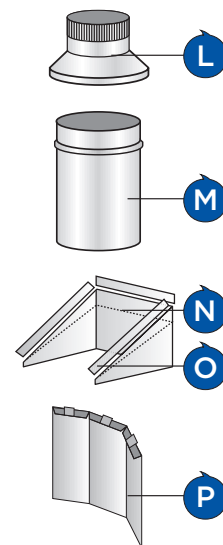
E	1 x 1200mm x 150mm diameter S/Steel flue pipe
F	1 x 1200mm x 200mm diameter galvanised inner casing
G	1 x 1200mm x 250mm diameter galvanised outer casing



Metro ECO Option Kit

Designed to be added to the Metro ECO Base Flue System for installations that do not have a vented ceiling cavity and require the flue systems cooling air to be drawn in from above the roofline (outside the building).

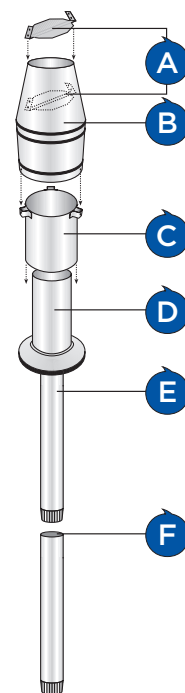
L	External intake flashing cone
M	1 x 780mm x 300mm diameter galvanised outer casing
N	Drop box infill panel
O	Drop box edge covers
P	Ceiling plate mounted heat shield



Metro Swap-Over Kit

Designed for the replacement of a homes flue system while retaining the existing 200mm and 250mm liners already installed in the home.

A	1 x S/Steel weather butterfly
B	1 x S/Steel ECO Cowl housing
C	1 x 225mm x 200mm diameter S/Steel outer casing extension
D	1 x 480mm x 150mm diameter S/Steel flue pipe extension with flashing cone
E	1 x 1200mm x 150mm diameter S/Steel flue pipe
F	2 x 1200mm lengths of 150mm diameter S/Steel flue pipe painted metallic black

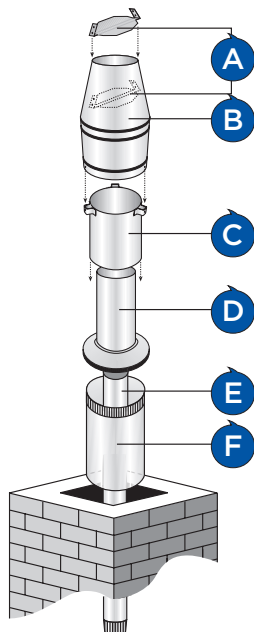


Metro ECO Insert Flue System

Designed for all Insert wood fires, being installed into a masonry chimney cavity. Suitable for:

- Smart Insert
- ECO Trend Insert
- LTD Trend Insert

A	1 x S/Steel weather butterfly
B	1 x S/Steel ECO Cowl housing
C	1 x 225mm x 200mm diameter S/Steel outer casing extension
D	1 x 480mm x 150mm diameter S/Steel flue pipe extension with flashing cone
E	3 x 1200mm x 150mm diameter S/Steel flue pipe
F	1 x 600mm x 250mm diameter galvanised outer casing

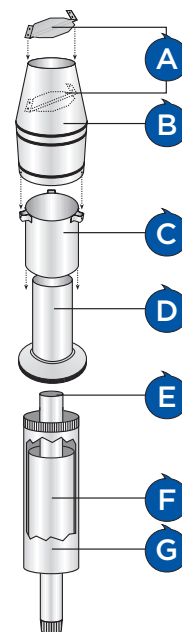


Metro ECO Built-In Flue System

Designed for installations into a timber framed chimney cavity. Suitable for:

- Smart Insert + Smart VZCC
- ECO Trend Insert + ECO/LTD VZCC
- LTD Trend Insert + ECO/LTD VZCC
- Mega Smart Built-In

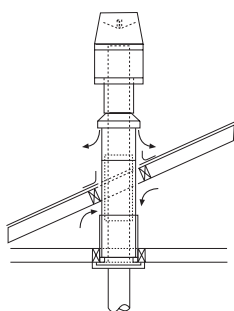
A	1 x S/Steel weather butterfly
B	1 x S/Steel ECO Cowl housing
C	1 x 225mm x 200mm diameter S/Steel outer casing extension
D	1 x 480mm x 150mm diameter S/Steel flue pipe extension with flashing cone
E	3 x 1200mm x 150mm diameter S/Steel flue pipe
F	3 x 1200mm x 200mm diameter galvanised inner casing
G	3 x 1200mm x 250mm diameter galvanised outer casing



Single storey installation

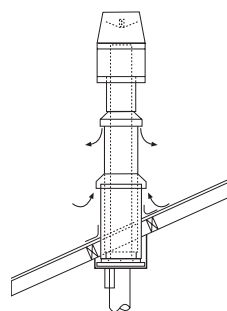
Shown (right) are the most common installation methods for installing the Metro ECO Base Flue System in a single storey home.

To ensure safe and efficient installation, this flue system must be installed as detailed by either a registered installer, or someone competent in installing solid fuel appliances.



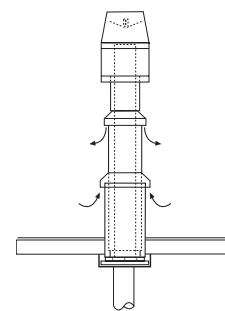
Flat Ceiling/Cavity

Only requires the ECO Base Flue System as air is drawn into the flue system directly from the ceiling cavity.



Sloping Ceiling

Requires both the ECO Base Flue System and ECO Option Kit to enable air to be drawn into the flue system from outside the home.



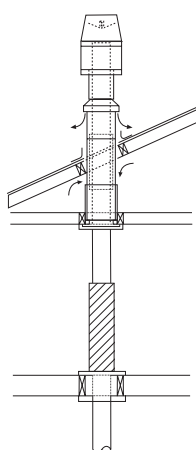
Flat Ceiling/Roof

Requires both ECO Base Flue System and ECO Option Kit as per sloping ceiling unless a vented ceiling cavity exists.

Two storey installation

Shown (right) are the most common installation methods for installing the Metro ECO Base Flue System in a two storey home.

To ensure safe and efficient installation, this flue system must be installed as detailed by either a registered installer, or someone competent in installation of solid fuel appliances.

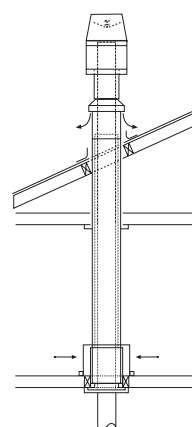


2nd Floor Exposed Flue pipe

Requires an ECO Base Flue System with additional lengths of 150mm flue pipe.

The additional components below are not supplied by Metro Fires but are also required for this installation to be in accordance with AS/NZS 2918:2001

- A floor penetration kit
- 1 x 1200mm long mesh/screen



2nd Floor Enclosed Flue pipe

Requires an ECO Base Flue System with additional lengths of 150mm flue pipe.

The additional components below are not supplied by Metro Fires but are also required for this installation to be in accordance with AS/NZS 2918:2001

- 200mm and 250mm inner/outer combination liners
- 2nd floor vent cover and an additional ceiling plate with a 250mm diameter hole

Floor Protectors

All Metro freestanding wood fires only require an ash hearth floor protector to comply with the minimum floor protector requirements of AS/NZS 2918:2001.

Attractive, durable and cost effective, Pioneer floor protectors can be laid on top of existing carpet for quick and easy installation. Finished in black alloy, pine and pacific rimu trim with a range of tile colours.

Alloy trim floor protectors feature black tiles only and are available in four wall sizes and three corner sizes.

Pine and pacific rimu floor protectors are enhanced with natural stains and are oiled, waxed and polished to bring out the natural timber grain and lustre. Both pine and pacific rimu trim floor protectors are available in Pioneer's full range of tile colours (please see instore for tile samples/colours).

Pine trim floor protectors are offered in two wall sizes, two corner sizes and an Insert size. Pacific rimu trim floor protectors come in two wall sizes and three corner sizes.

Use the table below to match a floor protector to your Metro fire

	Alloy Tiny	Alloy Small	Alloy Medium	Alloy Deep	Pine Medium	Pine Deep	Pine Insert	Rimu Medium	Rimu Deep	Alloy 1000	Alloy 1150	Alloy 1300	Pine 1000	Pine 1150	Rimu 1000	Rimu 1150	Rimu 1300
Clean Air Models	Wall Floor Protectors									Corner Floor Protectors							
Tiny Ped	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•
Tiny Rad	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•
Tiny Rad - Woody		•	•	•	•	•		•	•	•	•	•	•	•	•	•	•
Wee Rad - Legs		•	•	•	•	•		•	•	•	•	•	•	•	•	•	•
Wee Rad - Base			•	•	•	•		•	•	•	•	•	•	•	•	•	•
Wee Rad - Woody			•	•	•	•		•	•	•	•	•	•	•	•	•	•
Wee Ped			•	•	•	•		•	•	•	•	•	•	•	•	•	•
R1		•	•	•	•	•		•	•	•	•	•	•	•	•	•	•
R2			•	•	•	•		•	•	•	•	•	•	•	•	•	•
Ambie One			•	•	•	•		•	•	•	•	•	•	•	•	•	•
Ambie Plus			•	•		•			•	•	•	•	•	•	•	•	•
Classic Rad				•		•			•	•	•	•	•	•	•	•	•
Xtreme Rad <small>LEG & BASE MODELS</small>			•	•	•	•		•	•	•	•	•	•	•	•	•	•
Xtreme Rad - Woody			•	•	•	•		•	•	•	•	•	•	•	•	•	•
Xtreme Ped			•	•	•	•		•	•	•	•	•	•	•	•	•	•
Euro Ped			•	•	•	•		•	•	•	•	•	•	•	•	•	•
Mega Rad			•	•						•	•	•	•	•	•	•	•
ECO Trend Insert							•										
Smart Insert							•										
LTD Models	Wall Floor Protectors									Corner Floor Protectors							
LTD Wee Rad - Legs		•	•	•	•	•		•	•	•	•	•	•	•	•	•	•
LTD Wee Rad - Base		•	•	•	•	•		•	•	•	•	•	•	•	•	•	•
LTD Wee Rad - Woody			•	•	•	•		•	•	•	•	•	•	•	•	•	•
LTD Xtreme Rad <small>LEG & BASE MODELS</small>			•	•	•	•		•	•	•	•	•	•	•	•	•	•
LTD Xtreme Rad - Woody			•	•	•	•		•	•	•	•	•	•	•	•	•	•
LTD Mega Rad			•	•						•	•	•	•	•	•	•	•

¹ This model must have the Pioneer corner wing shields fitted to it to fit this floor protector.

² This model must have the Pioneer double flue shield side extensions fitted to fit this floor protector.



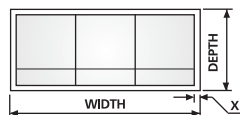
Alloy Trim Floor Protectors

Available in black alloy trim with black tiles

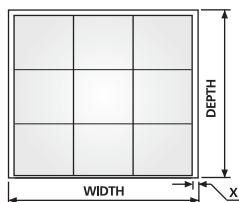


Pine & Rimu Trim Floor Protectors

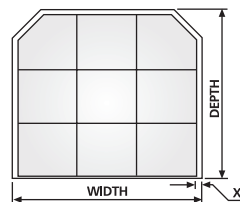
Available in timber trim in a range of tile colours



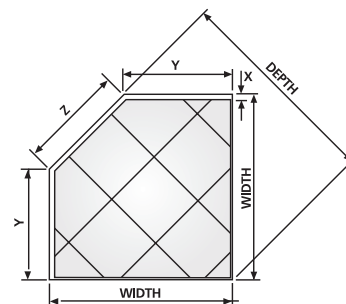
PINE INSERT (insulated)



PINE WALL



ALLOY & RIMU WALL



PINE, ALLOY & RIMU CORNER

Floor Protector Dimensions

	Alloy Tiny	Alloy Small	Alloy Medium	Alloy Deep	Pine Medium	Pine Deep	Pine Insert	Rimu Medium	Rimu Deep	Alloy 1000	Alloy 1150	Alloy 1300	Pine 1000	Pine 1150	Rimu 1000	Rimu 1150	Rimu 1300
Pioneer Wall Floor Protectors										Pioneer Corner Floor Protectors							
Width	650	855	1042	1042	955	955	1255	980	980	1000	1150	1300	1000	1150	1000	1150	1300
Depth	830	840	1012	1148	935	1085	360	945	1100	1180	1310	1493	1180	1310	1180	1310	1525
X Dimension					23	23	23	35	35				23	23	35	35	35
Y Dimension										670	700	814	670	700	670	700	863
Z Dimension										465	640	689	465	640	465	640	619
Thickness	30	30	30	30	25	25	43	40	40	30	30	30	25	25	40	40	40

Please note: All measurements detailed are in mm. The dimensions shown are nominal only. Actual floor protector dimensions may alter slightly to accommodate the varying sizes of the tiles used. **Pine and pacific rimu trim floor protectors** - When calculating the minimum size floor protector your heating appliance requires, the floor protector is the tiled area only: trim measurement "x" does not form part of the floor protector and must be deducted from your calculations. **Alloy trim floor protectors** - The overall dimensions constitute an "Ash Floor Protector" as the alloy trim is not a combustible material.

Climate Control

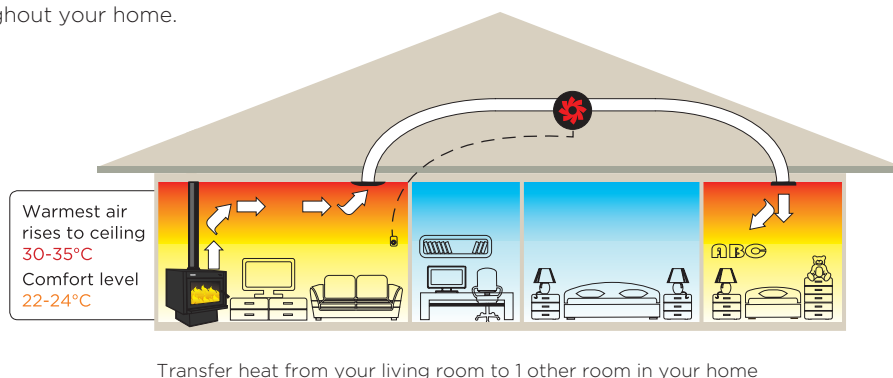


Metro heat transfer systems perfectly partner your Metro fire by utilising the excess heat produced by your wood fire and distributing it via an insulated ducting system to warm other rooms within your home. The excess heat trapped at ceiling level can reach temperatures of up to 30-35°C. By distributing this excess heat you can spread warmth throughout your home.

Create a dry, healthy environment and reduce condensation and dampness in your home.

1 Room Heat Transfer System

Ideal for smaller homes or if you are only requiring one additional room to be heated. The 1 Room System comes with a fan capable of moving 320m³ of heated air per hour.



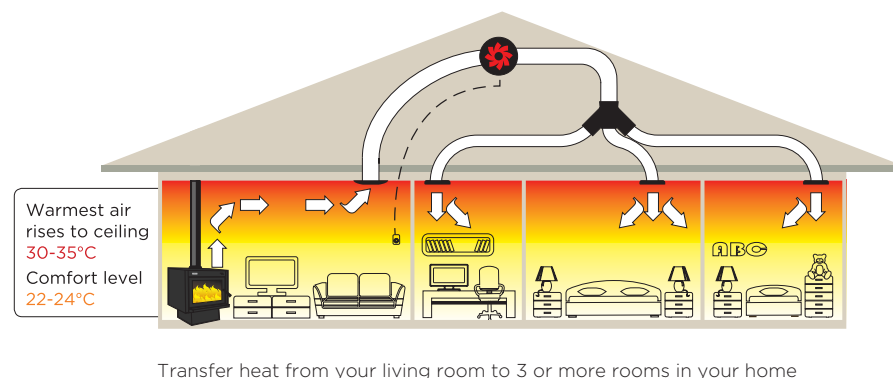
1 Room Heat Transfer System components • 1 x 150mm dia. intake grille • 1 x thermostat • 2 x 3m lengths of 150mm dia. insulated duct • 1 x 150mm dia. inline fan • 1 x 150mm dia. adjustable cone outlet diffusers • 2 x rolls of ducting tape

3 Room Heat Transfer System

Designed to distribute an even heat throughout your home.

The system features a 3 speed controller and European designed 3 speed mixed-flow fan with a maximum airflow of 910m³ of heated air per hour.

Additional room outlets can easily be added to extend the system.

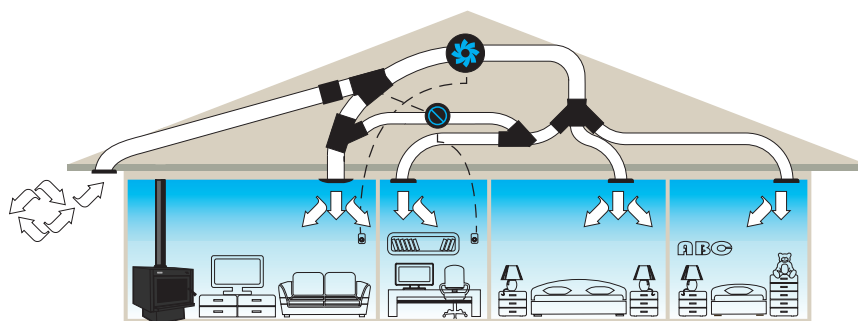


3 Room Heat Transfer System components • 1 x 200mm dia. intake grille • 1 x LCD thermostat with 3 speed fan controller • 2 x 3m lengths of 200mm dia. insulated acoustic duct • 1 x 200mm dia. 3 speed fan module • 1 x 3 way splitter • 3 x 3m lengths of 150mm dia. insulated duct • 3 x 150mm dia adjustable cone outlet diffusers • 4 x rolls of ducting tape

Climate Control System

Utilise your 3 Room Heat Transfer System to circulate fresh filtered air throughout your home during summer.

The Fresh Air System is an extension of the Heat Transfer System and is the ideal way to keep your home cool over summer and provide a dry and healthy environment for your family.



Climate Control System components • 1 x 200mm dia. intake grille • 1 x fresh air/heat switch • 1 x 6m length of 200mm dia. Unilok duct • 1 x 200mm in-line filter • 1 x Y damper 200/200/200mm • 1 x Y branch 150/150/150mm • 2 x 150mm x 3m insulated duct • 1 x 150mm in-line barrel damper • 1 x Y branch 200/200/150mm • 1 x large roll of ducting tape

Accessories and Maintenance



Pioneer Child Guards

Pioneer child guards are designed with both safety and style in mind. The outer frame is manufactured from extruded aluminium, giving a seamless smooth finish that is extremely strong. Each panel is further strengthened by a fully welded steel mesh inner and finished in a satin black powdercoated finish.

Pioneer child guards feature a unique spring release clip system which enables the guard to be securely attached to a wall. An adult can easily reach inside the guard to release the mechanism, which is not accessible to smaller children.

Size / Type	Nominal Panel Sizes (mm)
Tiny Wall Child Guard	870D x 675W x 750H
Small Wall Child Guard	870D x 870W x 750H
Medium Wall Child Guard	1045D x 1045W x 750H
Deep Wall Child Guard	1150D x 1045W x 750H
1000 Corner Child Guard	675D x 470W x 750H
1150 Corner Child Guard	700D x 675W x 750H
1300 Corner Child Guard	870D x 775W x 750H



Parts and Maintenance

Your Metro fire will give you many years of efficient service with minimal maintenance when operated correctly using dry, well seasoned fuel. Our unique firebox design features only minimal parts that require maintenance and servicing.





















Instore Metro Parts & Accessories stands provide easy selection for the most common replacement wear parts and maintenance products available for your wood fire. From promet extensions to complete top baffles, door retainers, door glass and door seal kits, to firebricks, fire cement and high temperature paint.



















We have everything you need to keep your Metro fire performing well, and looking good for years to come!



















We continue to manufacture and supply genuine parts for every Metro wood fire ever produced. We guarantee this for 25 years from the last date of manufacture for all models.

Wetbacks

Clean Air Models		Wetback
	Tiny Ped ECO 2kW Booster	
	Tiny Rad ECO 2kW Booster	
	Tiny Rad - Woody Side Wetback	
	Wee Rad - Legs Side Wetback	
	Wee Rad - Base Side Wetback	
	Wee Rad - Woody Side Wetback	
	Wee Ped Side Wetback	
	Ambie One Non-clean air zones only (2Ha+): 3kW or 4kW wetback	
	Ambie Plus ECO Wetback	
	Classic Rad Side Wetback	

Clean Air Models		Wetback
	Xtreme Rad - Legs 3kW Wetback	
	Xtreme Rad - Base 3kW Wetback	
	Xtreme Rad - Woody 3kW Wetback	
	Xtreme Ped 3kW Wetback	
	Euro Ped ECO Wetback	
	Mega Rad 3kW Wetback	
	ECO Trend Insert Non-clean air zones only (2Ha+): 3kW or 4kW wetback	
	Smart Insert ECO Smart Booster	
	Mega Smart Built-In ECO Mega Smart Booster	

LTD Models		Wetback
	LTD Wee Rad - Legs 3kW or 4kW Wetback	
	LTD Wee Rad - Base 3kW or 4kW Wetback	
	LTD Wee Rad - Woody 3kW or 4kW Wetback	
	LTD Xtreme Rad - Legs 3kW or 4kW Wetback	

LTD Models		Wetback
	LTD Xtreme Rad - Base 3kW or 4kW Wetback	
	LTD Xtreme Rad - Woody 3kW or 4kW Wetback	
	LTD Mega Rad 3kW or 4kW Wetback	
	LTD Trend Insert 3kW or 4kW Wetback	

Emission and Efficiency

The National Environmental Standards (NES) require a minimum 65% efficiency and maximum 1.5 grams emission requirement on all wood fires installed on properties with a land area of less than two hectares.

There are certain regions in New Zealand that have more stringent by-laws in place. For example, Central Otago Air Shed 1 is limited to 0.7 grams and Canterbury is limited to 1 gram. Please check with your local council on the emission limits within your region.

Metro Fires offer a large range of NES and ECan approved wood fires. The majority of these can be fitted with a wetback and still meet NES and ECan compliance. In addition to these clean air approved models, Metro also offer a range of LTD models for rural home owners wanting longer burn times and full capacity wetbacks.

Clean Air Models

Specifically designed for properties less than two hectares in size. These models surpass the requirements of the NES. Utilising advanced combustion technology these Metro's have a complex firebox design which operates at higher combustion temperatures keeping emission levels to a minimum and improving efficiencies.

LTD Models

Specifically designed for properties of two hectares or greater (non clean air zones). Metro LTD models are capable of a comprehensive overnight burn with both 3kW and 4kW wetback options available.

Clean Air Models	Tested Emission & Efficiency		ECan Authorisation Numbers		Complies with NES
	Without Wetback	With Wetback	Without Wetback	With Wetback	
Tiny Ped	0.72gms/78%	1.00gms/66%	073897	080009	With & Without Wetback
Tiny Rad	0.94gms/75%	0.85gms/67%	072605	072607	With & Without Wetback
Tiny Rad - Woody	0.62gms/66%	0.64gms/66%	172397	172398	With & Without Wetback
Wee Rad - Legs	0.62gms/70%	0.68gms/67%	130815	130816	With & Without Wetback
Wee Rad - Base	0.62gms/70%	0.68gms/67%	152162	152163	With & Without Wetback
Wee Rad - Woody	0.62gms/70%	0.68gms/67%	162621	162663	With & Without Wetback
Wee Ped	0.62gms/70%	0.68gms/67%	151781	151783	With & Without Wetback
R1	0.60gms/71%	Not Tested	134103	Not Tested	Without Wetback only
R2	0.79gms/70%	Not Tested	134104	Not Tested	Without Wetback only
Ambie One	0.95gms/71%	Not Tested	120834	Not Tested	Without Wetback only
Ambie Plus	0.42gms/69%	0.49gms/67%	120835	120836	With & Without Wetback
Classic Rad	0.63gms/67.4%	0.60gms/66.7%	151777	151779	With & Without Wetback
Xtreme Rad <small>LEG & BASE MODELS</small>	0.64gms/67%	0.87gms/66%	132245	160209	With & Without Wetback
Xtreme Rad - Woody	0.64gms/67%	0.87gms/66%	162622	162665	With & Without Wetback
Xtreme Ped	0.64gms/67%	0.87gms/66%	141808	160207	With & Without Wetback
Euro Ped	0.65gms/70%	1.08gms/70.2%	112001/112019	N/A in ECan territory Suitable for rest of NZ	With & Without Wetback
Mega Rad	0.66gms/66%	0.67gms/66%	156727	156728	With & Without Wetback
ECO Trend Insert	0.91gms/65%	Not tested	101159	Not Tested	Without Wetback only
Smart Insert	0.49gms/68%	0.82gms/67%	102411	102426	With & Without Wetback
Mega Smart Built-In	0.65gms/69%	0.56gms/66%	110719	111058	With & Without Wetback

Please note: Some regional councils have imposed emission requirements which take precedence over the NES, while some councils in New Zealand have imposed or are considering adopting by-laws relating to environmental issues. If in doubt, consult your local council or Metro retailer. Some councils require a 'Test Certificate' detailing the wood fire approval details. All Metro Test Certificates are listed on metrofires.co.nz

Insert and Built-In Specifications

Metro Insert and Built-In models are tested to comply with AS/NZS 2918:2001 incorporating Appendix 'E' when installed in accordance with the manufacturers installation/operation manuals and the applicable Vented Zero Clearance Cabinet (VZCC) installation manuals. These are available from your Metro dealer or metrofires.co.nz.

Metro Insert wood fires

The Metro Insert wood fires are designed to be installed directly onto a concrete base inside a masonry chimney.

All Metro Insert wood fires can also be converted to a Built-In appliance and installed into a timber framed cavity by utilising the appliance specific Metro Vented Zero Clearance Cabinet and Metro ECO Built-In Flue System.

Installation of the ECO Trend, LTD Trend and Smart Insert into a VZCC elevates the firebox and fascia by 45mm.

To complete installation and conceal the VZCC base runners, Metro offer an insulated Pine Insert floor protector in a range of tile colours (suitable for all insert models) or a Fascia Base Rail (suitable for the Smart Insert model only).

Metro Built-In wood fires

The Mega Smart Built-In is a dedicated Built-In wood fire and comes standard with a Metro VZCC pre-fitted to its firebox, all ready for installation into a timber framed cavity.

The Metro ECO Built-In Flue System must be used with all 'Built-In' installations. This system incorporates Metro's unique vertical discharge cowl which improves flue draw and increases performance.

Mantel clearance

A timber or combustible mantel shelf above the fireplace Insert opening should be a minimum distance (L) above the top of the Metro's fascia as detailed in the table below. If the clearance is less than the minimum specified, a deflector or heat shield will be required to be fitted under the mantel shelf or to the top of the fascia using the relevant detail as set out in AS/NZS 2918:2001.

Wetback installation

ECO Trend Insert (3kW or 4kW wetback)

The ECO Trend Insert can only be fitted with a wetback when installed on properties of 2Ha or greater. Fits to either left or right hand side of the firebox internally.

LTD Trend Insert (3kW or 4kW wetback)

Fits to either left or right hand side of the firebox internally.

Smart Insert (Smart Insert Booster)





Fits to either left or right hand side of the firebox externally.

Mega Smart Built-In (Mega Smart Booster)

Fits to either left or right hand side of the firebox externally.

Floor protector requirements

The floor protector for Insert and Built-In fires must project from behind the fascia the distance specified in the table opposite, and must extend a minimum of 200mm from each side of the door opening. The minimum projection is the distance from the front of the wall lining (behind the fascia) to the front non combustible point of the floor protector.

Models (dimensions in mm)	<div>Firebox Width</div> <div>Firebox Depth</div> <div>Firebox Height</div> <div>Flue Centre</div> <div>Fascia Width</div> <div>Fascia Depth</div> <div>Fascia Height</div> <div>Min. Floor Protector Width</div> <div>Min. Floor Protector Projection</div> <div>Wetback In</div> <div>Wetback Out</div> <div>Mantel Clearance</div>											
	A	B	C	D	E	F	G	H	I	J	K	L
 Smart Insert	560	495	550	405	890	30	672	825	312	130	325	475
 ECO Trend Insert	560	500	550	405	810	185	650	825	300	170	360	340
 LTD Trend Insert	560	500	550	405	810	185	650	825	350	170	360	460
 Mega Smart Built-in	860	631	814	445	1057	30	822	1057	505	212	402	500

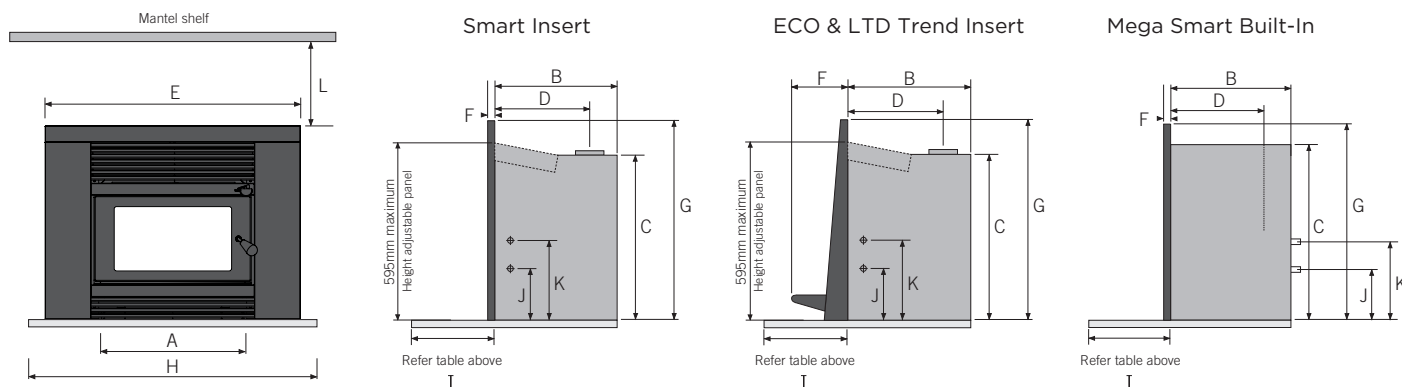
Please note: All measurements detailed for the Smart Insert, ECO Trend and LTD Trend Inserts exclude the 13mm insulating blanket.

Floor protector construction

Model	Masonry Chimney Installation	Built-In Installation Combustible floor	Built-In Installation Non combustible floor	Minimum Floor Protector Width	Minimum Floor Protector Projection
Smart Insert	Insulating floor protector	Insulating floor protector	Ash hearth floor protector	825mm	312mm at 41mm+ thickness
	Ash hearth - recommended construction of tiles on 6mm thick non combustible board Insulating - recommended construction of tiles on 26mm thick Eterpan LD board or equivalent.				
ECO Trend Insert	Ash hearth floor protector	Insulating floor protector	Ash hearth floor protector	Ash 825mm Insulated 830mm	300mm
	Ash hearth - recommended construction of tiles on 6mm thick non combustible board. Insulating - recommended construction of tiles on 26mm thick Eterpan LD board or equivalent.				
LTD Trend Insert	Insulating floor protector	Insulating floor protector	Ash hearth floor protector	Ash 825mm Insulated 830mm	350mm at 41mm+ thickness
	Ash hearth - recommended construction of tiles on 26mm thick Eterpan LD board or equivalent. Insulating - recommended construction of tiles on Eterpan LD board to a combined thickness as detailed in the table below				
Mega Smart Built-In	Insulating floor protector	Insulating floor protector	Insulating floor protector	1057mm	505mm
	Insulating - recommended construction of tiles on 18mm thick Eterpan LD board or equivalent.				

Floor protector heights and projection

Floor Protector Height	0mm	10mm	15mm	20mm	25mm	30mm	35mm	40mm	41mm+
Smart Insert Minimum forward projection (I)	395	371	371	353	353	332	332	312	312
ECO Trend Insert Minimum forward projection (I)	300mm projection is required irrespective of the floor protector height								
LTD Trend Insert Minimum forward projection (I)	455	455	445	436	424	408	396	366	350
Mega Smart Built-In Minimum forward projection (I)	505mm projection is required irrespective of the floor protector height								



Freestanding Specifications

Minimum clearances

All Metro wood fires comply with AS/NZS 2918:2001. Minimum clearances shown below are detailed in millimetres, with a Pioneer double flue shield fitted to the appliance. Measurements are taken from the following reference points as illustrated in the diagrams far right.














- The nearest combustible wall or surface (A, B, D, E, G, H)
- The Metro's flue centre (A, B, C, D)
- The Metro's cabinet / heatshield outermost point (E, F, G, H)
- The edge of the ash floor protectors non-combustible surface (C, F, I, J, K, L, M)

Clearance reductions

AS/NZS 2918:2001 allows for a reduction in minimum clearances as detailed in tables 3.1 and 3.2 of the standard.

Some Metro models have undergone additional testing which allows for reduced clearances. Please see the footnotes below the table for the applicable models.

Specifications were correct at the time of printing, but may alter and those detailed should be used as a guide only. If in doubt, please consult your nearest Metro retailer.

		Minimum installation clearances with a Pioneer double flue shield fitted												Wetback		Dimensions			
Clean Air Models		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Width	Depth	Height
	Tiny Ped	210	430	580	290	25	200	185	60	790	650	990	875	250	280	470	490	530	665
	Tiny Rad	225	552	580	420	150	200	300	75	805	650	1165	925	250	280	470	505	530	665
	Tiny Rad Woody	251	568	580	382	110	230	310	100	831	650	1120	880	250	365	555	515	498	758
	Wee Rad ¹ Legs	251	568	580	455	150	230	260	100	831	825	1224	1015	425	295	485	615	501	688
	Wee Rad Base	271	678	580	489	180	230	370	120	851	825	1270	1049	425	295	485	615	501	691
	Wee Rad Woody	271	708	580	509	200	230	400	120	851	825	1285	1069	425	365	555	615	501	758
	Wee Ped ²	263	651	580	490	170	230	350	110	843	825	1274	1050	425	295	485	602	503	665
	R1	243	774	586	554	280	244	530	100	829	825	1370	1118	425	N/A	N/A	488	485	668
	R2	246	858	626	582	275	235	570	100	872	905	1449	1203	505	N/A	N/A	575	537	690
	Ambie One	250	538	589	391	100	275	250	100	839	825	1142	960	427	350	540	577	464	717
	Ambie Plus	267	685	658	462	125	275	350	100	925	905	1317	1110	506	360	550	671	550	759
	Classic Rad ³	257	695	780	500	220	229	430	100	1037	728	1487	1168	328	393	583	530	708	680
	Xtreme Rad Legs	251	650	630	458	100	227	280	100	881	907	1277	1077	507	312	502	740	554	743

¹ Wee Rad (leg model) corner clearance (E) can be reduced to 120mm with the Wee Rad corner wing shields fitted. This in turn also reduces clearances (D) to 425mm, (K) to 1180mm and (L) to 985mm. When fitting the corner wing shields the Wee Rad itself must be installed to a corner clearance (E) of 120mm. The corner wing shields are then fitted which gives a wall to shield corner clearance of 100mm.

² Wee Ped corner clearance (E) can be reduced to 115mm if installed with a Pioneer double flue shield with the side extensions fitted. This in turn also reduces clearances (D) to 436mm, (K) to 1197mm and (L) to 996mm.

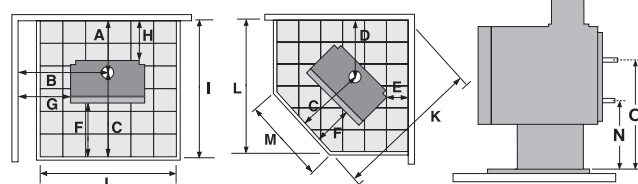
³ Classic Rad corner clearance (E) can be reduced to 180mm if installed with a Pioneer double flue shield with the side extensions fitted. This in turn also reduces clearances (D) to 460mm, (K) to 1430mm and (L) to 1127mm.

Wetback connections

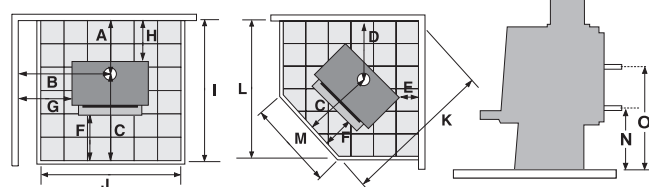
Wetback connection dimensions are taken facing the Metro wood fire/wall.






- Tiny Ped & Tiny Rad models are 92mm left of the flue centre
- The Tiny Rad Woody model is 184mm left of the flue centre
- Wee Series models are 226mm left of the flue centre
- The Classic Rad model is 184mm left of the flue centre
- All other models including all LTD freestanding models are 140mm left of the flue centre.








Ambience models



All other models



		Minimum installation clearances with a Pioneer double flue shield fitted												Wetback		Dimensions			
Clean Air Models		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Width	Depth	Height
	Xtreme Rad Base	251	650	630	458	100	227	280	100	881	907	1277	1077	507	312	502	740	554	743
	Xtreme Rad Woody	251	680	630	478	120	227	310	100	881	907	1292	1097	507	382	572	740	554	813
	Xtreme Ped	251	624	630	441	110	227	280	100	881	907	1254	1065	507	312	502	688	554	721
	Euro Ped ⁴	230	585	625	495	170	200	250	80	855	905	1325	1120	505	325	515	670	575	715
	Mega Rad	285	720	728	497	100	224	300	130	1013	1006	1431	1227	606	300	490	840	659	744

		Minimum installation clearances with a Pioneer double flue shield fitted												Wetback		Dimensions			
LTD Models		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Width	Depth	Height
	LTD Wee Rad Legs	251	548	580	425	120	230	240	100	831	825	1180	985	425	295	485	615	501	688
	LTD Wee Rad Base	251	658	580	489	180	230	350	100	831	825	1270	1049	425	300	490	615	501	691
	LTD Wee Rad Woody	271	708	580	509	200	230	400	120	851	825	1285	1069	425	360	550	615	501	758
	LTD Xtreme Rad Legs	251	650	630	458	100	227	280	100	881	907	1277	1081	507	350	540	740	554	743
	LTD Xtreme Rad Base	251	650	630	458	100	227	280	100	881	907	1277	1081	507	350	540	740	554	743
	LTD Xtreme Rad Woody	251	680	630	478	120	227	310	100	881	907	1292	1097	507	420	610	740	554	813
	LTD Mega Rad	285	720	728	497	100	224	300	130	1013	1006	1431	1227	606	300	490	840	659	744

⁴ Euro Ped corner clearance (E) can be reduced to 110mm if installed with a Pioneer double flue shield with the side extensions fitted. This in turn also reduces clearances (D) to 435mm, (K) to 1240mm and (L) to 1060mm.

All details are correct and current at the time of printing. Specifications are subject to change without notification; If in doubt consult your Metro retailer.

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