



PIONEER

Heating Accessory Range

ECO flue systems

Floor protectors

Child guards

Climate control

General accessories

PEAK PERFORMANCE



Metro 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 from your Metro wood fire in 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 cowlings 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 Metro ECO Base Flue system is ventilated from either your home's ceiling cavity or from outside the home, not from the room being heated by your wood fire. This ensures all the heat provided by your wood fire stays within your home instead of disappearing 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 provided 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!

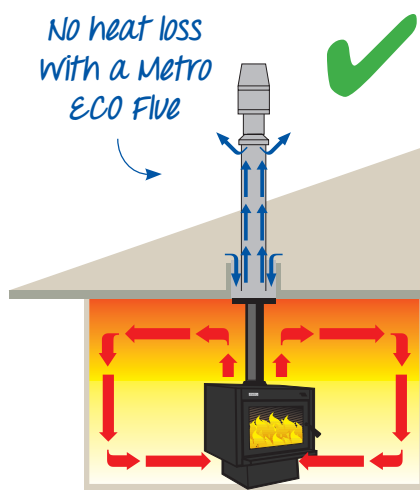
Metro ECO Option Kit

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

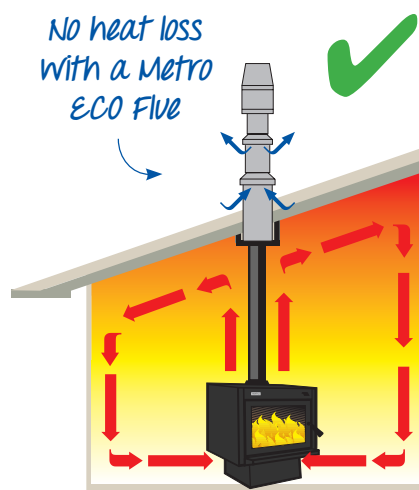
The ECO Option kit enables homes without a vented ceiling cavity or homes featuring a sloping ceiling, to still achieve the same performance and efficiency benefits the Metro ECO Base Flue System provides. Instead of the ventilation for the flue system being drawn from within the ceiling cavity, it is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

Standard Flue Systems

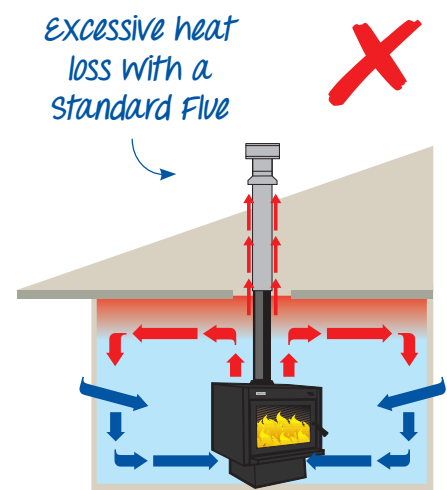
Standard flue systems draw their cooling air from the room that is being heated by the wood fire. On a cold winter's night these hugely inefficient flue systems can empty an average sized room of potentially 28°C air, once every hour. It replaces this air heated by the wood fire with the outside air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



ECO Base Flue System
(for homes with a ceiling cavity)



ECO Base Flue System + ECO Option Kit
(for homes with no ceiling cavity)



Standard Flue System

METRO ECO FLUE SYSTEMS



*Ask for a Metro
ECO Flue System
with your Metro
wood fire*



ECO BASE FLUE SYSTEM*

Suitable for freestanding wood fires being installed into a home with a vented ceiling cavity (attic space). Ventilation for the flue system is drawn from within 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 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, 200mm inner liner and 250mm outer liner.

ECO INSERT FLUE SYSTEM

Suitable for all Metro Insert 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**



**An ideal choice for your wood fire.
Attractive, durable and cost effective.**

- Can be laid on top of carpet for quick and easy installation
- Finished in three trim options – alloy, pine and pacific rimu
- Consult your retailer for the full range of tile options available

**QUICK
& EASY TO
INSTALL**

FLOOR PROTECTORS

The Pioneer range of ash floor protectors are an ideal choice for gas, wood and pellet fires. Tested with Metro fires, Pioneer floor protectors comply with the minimum (non insulating) floor protector requirements of AS/NZS2918:2001, and are ideally suited for fires that do not require an insulated floor protector.

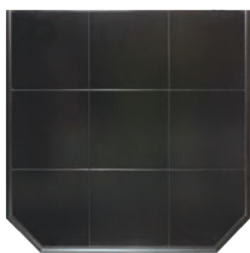
Attractive, durable and cost effective, Pioneer floor protectors can be laid on top of existing carpet for quick and easy installation. Finished in black alloy, pine and pacific rimu trim with a range of tile colours.

Alloy trim is offered with a black tile only. The black trim is a folded one-piece anodised aluminium extrusion which eliminates sharp corners and visible fixings.

Alloy floor protectors are available in four wall sizes and three corner sizes.

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

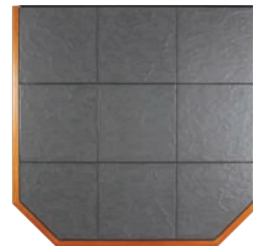
The pine & pacific rimu floor protectors are enhanced with natural stains and are oiled, waxed and polished to bring out the natural timber grain and lustre. Both timber trim options are available in Pioneer's full range of tile colours.



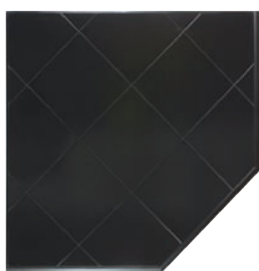
Alloy wall
(black tile only)



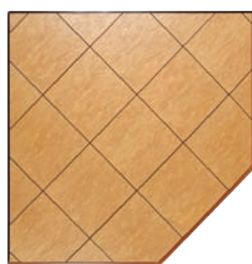
Pine wall
(range of tiles and colours)



Rimu wall
(range of tiles and colours)



Alloy corner
(black tile only)



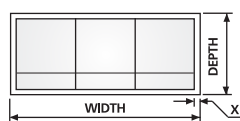
Pine corner
(range of tiles and colours)



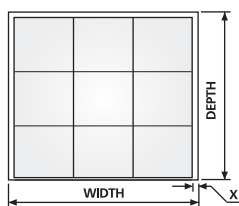
Rimu corner
(range of tiles and colours)

Floor Protector Dimensions

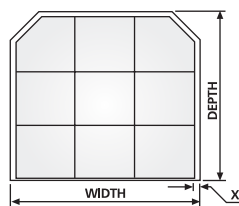
	Alloy Tiny	Alloy Small	Alloy Medium	Alloy Deep	Pine Medium	Pine Deep	Pine Insert	Rimu Medium	Rimu Deep	Alloy 1000	Alloy 1150	Alloy 1300	Pine 1000	Pine 1150	Rimu 1000	Rimu 1150	Rimu 1300
Pioneer Wall Floor Protectors										Pioneer Corner Floor Protectors							
Width	650	855	1042	1042	955	955	1255	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



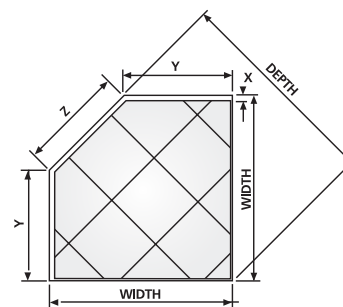
PINE INSERT



PINE WALL



ALLOY & RIMU WALL



PINE, ALLOY & RIMU CORNER

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. Please consult your retailer for the full range of tile options available.



CHILD GUARDS

Pioneer child guards offer a sturdy yet elegant way of protecting your family. The outer frame is manufactured from extruded aluminium, giving a seamless smooth finish that is extremely strong and further strengthened by a fully welded steel mesh inner.

Coated in a satin black powdercoated finish, Pioneer child guards come complete with a unique spring release clip 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.

Pioneer child guards are manufactured in a range of sizes to suit the full range of Pioneer floor protectors available.



Clip system

Size/Type	Nominal Panel Sizes
Tiny Wall	870mm x 675mm x 870mm x 750mm high
Small Wall	870mm x 870mm x 870mm x 750mm high
Medium Wall	1045mm x 1045mm x 1045mm x 750mm high
Deep Wall	1150mm x 1045mm x 1150mm x 750mm high
1000 Corner	675mm x 470mm x 675mm x 750mm high
1150 Corner	700mm x 675mm x 700mm x 750mm high
1300 Corner	775mm x 870mm x 775mm x 750mm high

CLIMATE CONTROL

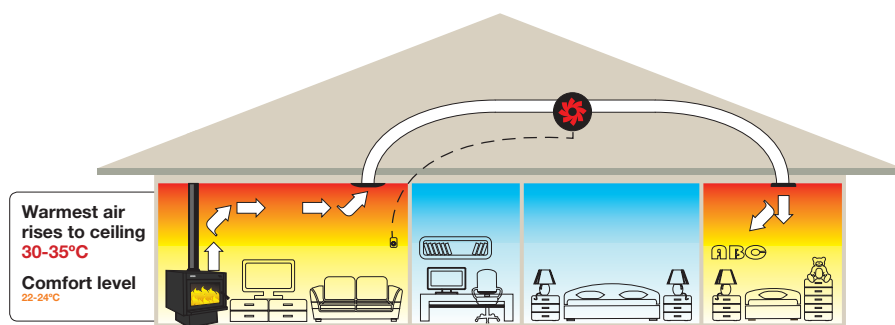


Pioneer heat transfer systems utilise the excess heat produced by your wood fire, and distribute it via a ducting system to warm other rooms within your home. The excess heat trapped at ceiling level can reach temperatures of up to 30-35°C. By distributing this excess heat you can spread warmth throughout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



Transfer heat from your lounge room to 1 other room in your home

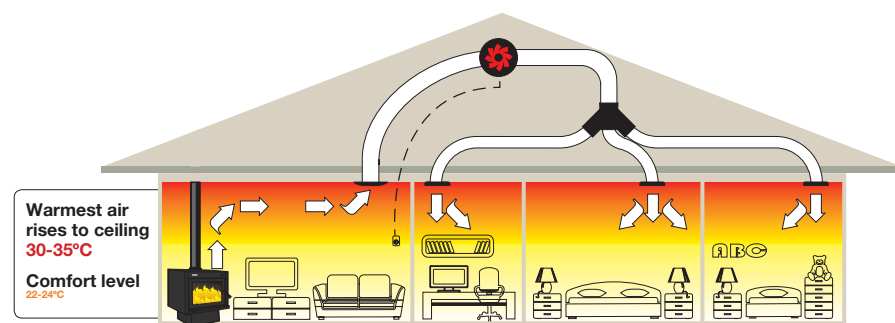
1 Room Heat Transfer System components • 1 x 150mm dia. intake grille • 1 x thermostat • 2 x 3m lengths of 150mm dia. insulated duct • 1 x 150mm dia. inline fan • 1 x 150mm dia. adjustable cone outlet diffusers • 2 x rolls of ducting tape

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 be easily added to extend the system.



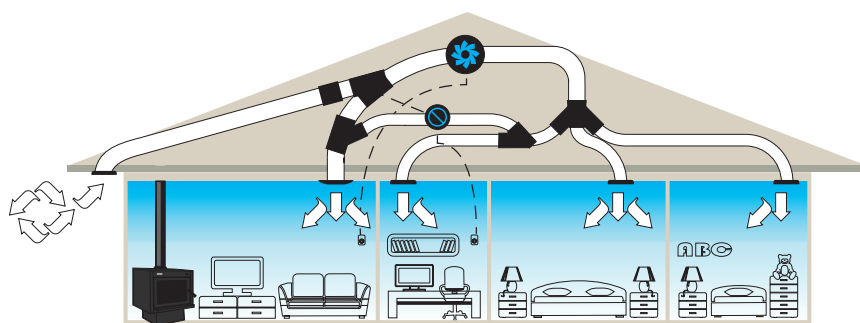
Transfer heat from your lounge room to 3 or more rooms in your home

3 Room Heat Transfer System components • 1 x 200mm dia. intake • 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.



The Fresh Air System utilises the components of the 3 Room Heat Transfer System and adds extra ducts, dampers and high grade filter

Climate Control System components • 1 x 200mm dia. intake • 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

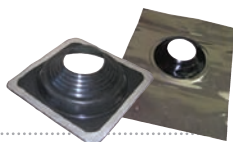
ACCESSORIES

PIONEER FIRE CEMENT



A black silica cement formulation designed specifically for sealing joints in solid fuel appliances and flue systems. Easy clean up in water. Available in both 70ml tubes and 300ml cartridges.

FLASHINGS & VERSATILES



Made from UV resistant EPDM these flashings are visually appealing due to their low profile design. Flashrites incorporate an aluminium support ring while the Versatiles are available with pre-fitted lead or aluminium soaker plates.

CHUBB SMOKE ALARMS



Pioneer offer high quality Chubb ionisation smoke alarms to provide the earliest possible warning of fire and smoke in your home. Properly installed and maintained smoke alarms are an essential part of a good fire safety program.

PIONEER PAINT



A premium high temperature coating ideal for re-vitalising painted fires and flue pipes. It is suitable for most high temperature paint finished fires. Retain the factory finish of your wood fire with simple periodic maintenance.

PIONEER DOOR SEAL KITS



Suitable for most leading brand wood fires. The Pioneer Universal Door Seal kit includes a length of 1.6m x 13mm Door Rope Seal, a length of 1.6m x 20mm Glass Ladder Tape and a 70ml tube of Pioneer Fire Cement.

Your Pioneer/Metro retailer details

PIONEER
MANUFACTURING LIMITED

www.metrofires.co.nz | info@metrofires.co.nz