

THE IRRESISIBLE FLAMES OF MASPORT



WOOD FIRE FLUE MANUAL 2006

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Masport
Heating

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IMPORTANT:

Warranty on fire and flue systems will be void if flue is not sealed into top of firebox

Hi-Therm Flue Pipes will give off fumes and smoke during first firing. To prevent damage to the surface of the pipe, do not remove wrapper until flue is installed. Never burn coloured paper or printed brochures in your fire as this will effect the life of the Stainless Steel and Hi-Therm Pipes.

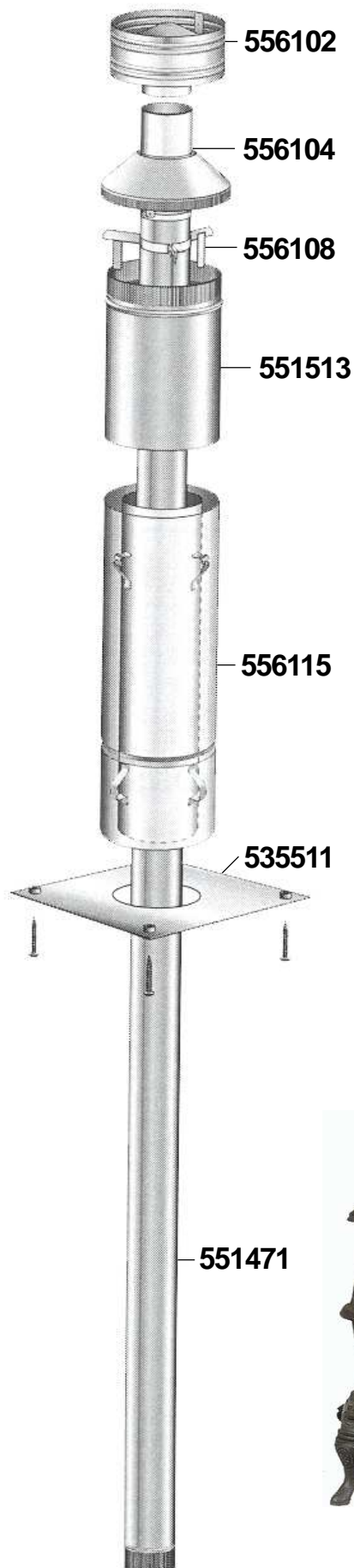
Masport Flue Systems have a two year warranty from faulty material only.



120mm Pot Belly Stove Flue Kit - Freestanding

Product Description

Part Number



Flue Kit - 120mm Dia

984948

(to suit Yukon, Klondike, Oregon, Pittsburgh, Fatso)

Contains:

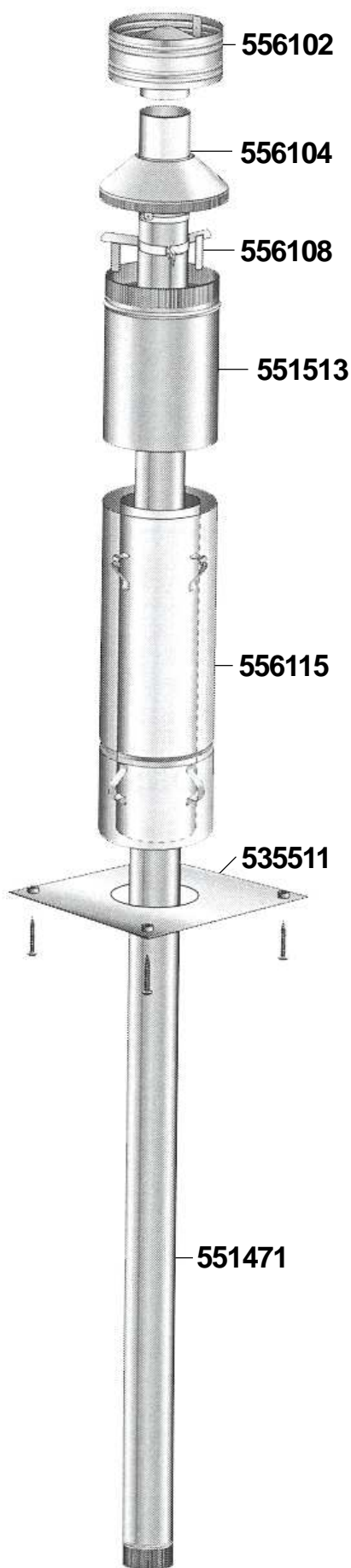
- 3 x 1200mm lengths Stainless Steel Flue
- 1 x 1200mm length Outer Heat Shield
- 1 x 1200mm length Inner Shield
- 1 x Anti Down Draught Cowl
- 1 x Casing Cover
- 1 x top & 1 x bottom Flue Spacer Bracket
- 1 x Ceiling Plate
- 1 x Packet screws & Ceramic Spacers

Note: Flue Reflector is required for standard installations



120mm Pot Belly Flue Kit Installation Instructions

This flue kit has been manufactured in accordance with AS / NZS 2918:2001. To ensure safety this flue kit must be installed as outlined in these instructions. Heater and flue clearances from combustible walls must be in accordance with Masport's specifications and AS / NZS 2918:2001. **Minimum height 4.6m above floor protector.**



- 1) Locate heater in its proposed position and mark a point on the ceiling that is directly above the centre of the heater's flue outlet. Check that the heater's location allows the OUTER HEAT SHIELD to clear all structural roof timbers.
- 2) Cut a 250mm square hole in ceiling. Directly above cut a hole in roof to accommodate OUTER HEAT SHIELD.
- 3) Fit timber nogs around ceiling and roof holes i.e. Nogs form a 250mm square aperture which allows air to circulate freely over the OUTER HEAT SHIELD surface.
- 4) Position the OUTER HEAT SHIELD so that it is flush with the underneath of the ceiling and protrudes through the roof the required height. When calculating roof penetration height allow for an extra 500mm that can be achieved by using the OUTER HEAT SHIELD SLIP EXTENSION.
 - a) If the flue is within 3 metres of the ridge, the OUTER HEAT SHIELD must protrude at least 600mm above the ridge of the roof
 - b) If the distance from the ridge is more than 3 metres, the OUTER HEAT SHIELD must protrude at least 900mm above roof penetration.

Additional OUTER HEAT SHIELD and INNER SHIELD (BAFFLE) may have to be added to ensure the correct roof penetration heights are obtained. Outer Liner and Inner Baffle must be installed crimp up. Inner shield must penetrate through roof material a minimum of 200mm.

- 5) Fix an appropriate flashing around the OUTER HEAT SHIELD to seal onto the roofing material.
- 6) Assemble FLUE PIPES together ensuring seams are in line. Secure each joint with 3 rivets or self-tapping screws. FLUE PIPES must be assembled with crimped ends down (towards heater). Flue must be sealed into Firebox using maniseal.
- 7) Place CEILING PLATE over heater flue spigot, ensuring the folded edge upstands are facing the ceiling.
- 8) From the roof lower FLUE PIPE through OUTER HEAT SHIELD into position
- 9) Fix the BOTTOM FLUE SPACER BRACKET to the assembled FLUE PIPE so that it fits inside and flush with the bottom of the OUTER HEAT SHIELD
- 10) From the roof lower the INNER HEAT SHIELD (BAFFLE) into the OUTER HEAT SHIELD centralising it on the BOTTOM FLUE SPACER BRACKET lugs. When correctly fitted the top of the INNER SHIELD should be flush with the top of the OUTER SHIELD.

If additional OUTER HEAT SHIELD is required the INNER SHIELD must be supported at the top with a FLUE SPACER BRACKET The FLUE PIPE must extend above top of OUTER HEAT SHIELD by 170 mm. If minimum roof penetration heights described earlier can not be achieved add sufficient stainless steel FLUE PIPE.

- 11) Fix TOP FLUE SPACER BRACKET to the FLUE making sure the lugs fit snugly inside OUTER HEAT SHIELD. Make sure TOP FLUE SPACER BRACKET fits hard down onto OUTER HEAT SHIELD.
- 12) Fit CASING COVER over the FLUE PIPE and push down firmly onto TOP FLUE SPACER BRACKET. Secure with a rivet or self-tapping screw.
- 13) Fit COWL but do not secure as removal for flue cleaning will be necessary
- 14) Drill and fasten CEILING PLATE using screws and spacers provided. Ensure an even air gap around FLUE PIPE when fixing. Remove protective plastic from CEILING PLATE

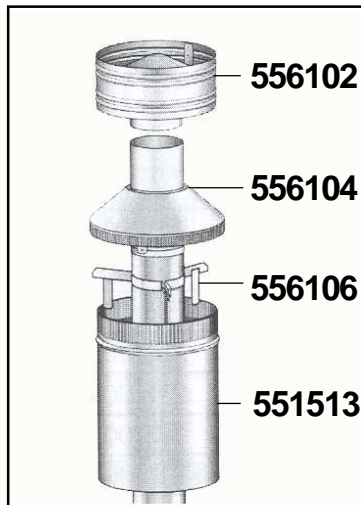
N.B. It is the responsibility of the installer to ensure that the installation of this flue kit complies with Masport's specifications for flues and that relevant Local Body requirements are adhered to.

Wood Fire Flue Kit - Freestanding

Product Description

Part Number

ROOF TERMINATION KIT PART 2



Flue Kit (Hi Therm) - 127mm

SFP1001

(to suit: Arcadia)

Part 2 Contains:

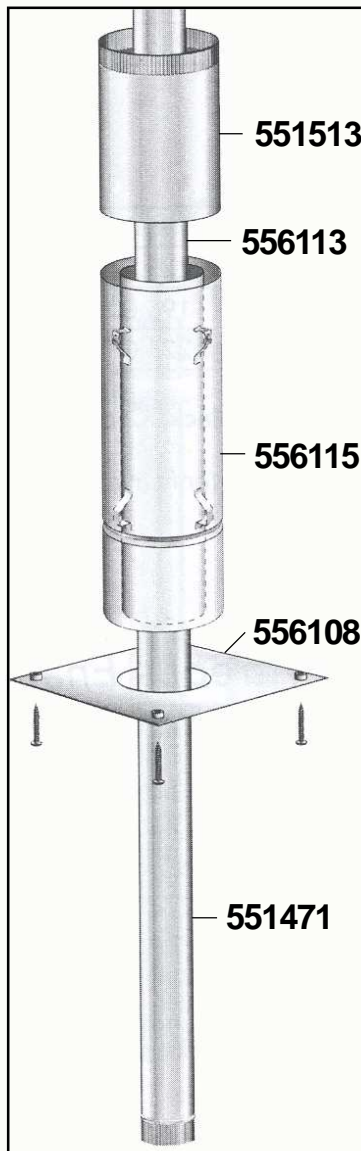
- 1 x 600mm Outer Slip
- 1 x 400mm Flue Pipe
- 1 x Top Spider
- 1 x Casing Cover
- 1 x Anti Down Draught Cowl

Part 1 Contains:

- 3 x 1200mm Stainless Steel Flue
- 1 x 1200mm Inner / Outer Shield Combination
- 1 x Ceiling Plate
- 1 x Pack of Screws and Spacer
- 1 x 600mm Outer Shield

Note: Flue Reflector is required for standard installations

4 metre kits meet the Flue Pipe requirements of AS/NZS 2918:2001 (4.6m rule) for a standard 2.4m stud height and a wood fire height of 600mm or greater



STARTER KIT PART 1

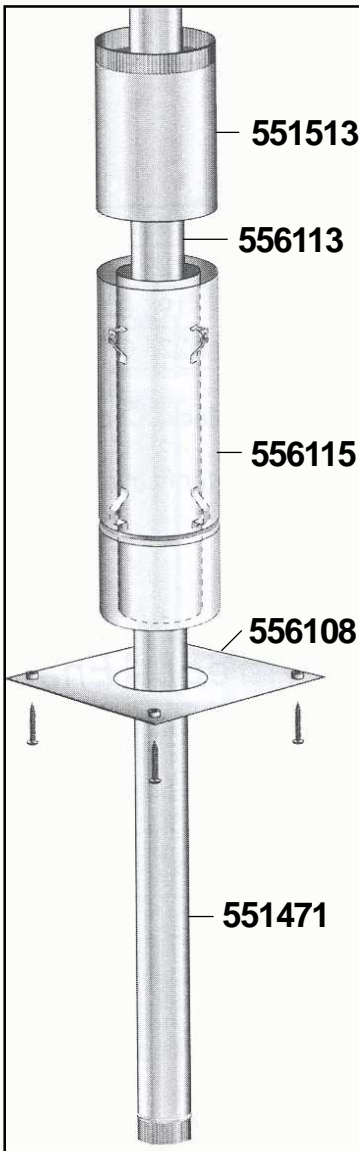
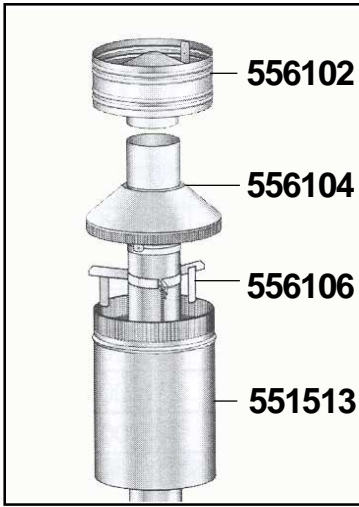


Arcadia

127mm Freestanding Wood Fire Flue Kit Installation Instructions

This flue kit has been manufactured in accordance with AS / NZS 2918:2001. To ensure safety this flue kit must be installed as outlined in these instructions. Heater and flue clearances from combustible walls must be in accordance with Masport's specifications and AS / NZS 2918:2001.

ROOF TERMINATION KIT PART 2



STARTER KIT PART 1

- 1) Locate heater in its proposed position and mark a point on the ceiling that is directly above the centre of the heater's flue outlet. Check that the heater's location allows the OUTER HEAT SHIELD to clear all structural roof timbers.
- 2) Cut a 250mm square hole in ceiling. Directly above cut a hole in roof to accommodate OUTER HEAT SHIELD.
- 3) Fit timber nogs around ceiling and roof holes. i.e. Nogs form a 250mm square aperture which allows air to circulate freely over the OUTER HEAT SHIELD surface.
- 4) Position the OUTER HEAT SHIELD so that it is flush with the underneath of the ceiling and protrudes through the roof the required height. When calculating roof penetration height allow for an extra 500mm that can be achieved by using the OUTER HEAT SHIELD SLIP EXTENSION.
 - a) If the flue is within 3 metres of the ridge, the OUTER HEAT SHIELD must protrude at least 600mm above the ridge of the roof
 - b) If the distance from the ridge is more than 3 metres, the OUTER HEAT SHIELD must protrude at least 900mm above roof penetration.

Additional OUTER HEAT SHIELD and INNER SHIELD (BAFFLE) may have to be added to ensure the correct roof penetration heights are obtained. Outer liner and Inner Baffle must be installed crimp up. Inner shield must penetrate through roof material a minimum of 200mm.

- 5) Fix an appropriate flashing around the OUTER HEAT SHIELD to seal onto the roofing material.
- 6) From the roof slide the INNER SHIELD into the OUTER HEAT SHIELD until it rests 12mm above ceiling level.
- 7) Assemble FLUE PIPES together ensuring seams are in line. Secure each joint with 3 rivets or self-tapping screws. FLUE PIPES must be assembled with crimped ends down (towards heater). **Flue must be sealed into Firebox using Maniseal.**
- 8) Place CEILING PLATE over heater flue spigot, ensuring the folded edge upstands are facing the ceiling.
- 9) From the roof lower FLUE PIPE through OUTER HEAT SHIELD into position.
- 10) Before securing the OUTER HEAT SHIELD SLIP EXTENSION to the OUTER HEAT SHIELD with 3 rivets or self tapping screws, ensure the FLUE PIPE extends above the top of the OUTER HEAT SHIELD SLIP EXTENSION 170mm. Adjust SLIP EXTENSION to obtain this measurement. If minimum roof penetration heights described earlier can not be achieved add sufficient stainless steel FLUE PIPE.
- 11) Fit TOP FLUE SPACER BRACKET to the FLUE making sure the lugs fit snugly inside OUTER HEAT SHIELD SLIP EXTENSION. Make sure TOP FLUE SPACER BRACKET fits hard down onto OUTER HEAT SHIELD SLIP EXTENSION.
- 12) Fit CASING COVER over the FLUE PIPE and push down firmly onto TOP FLUE SPACER BRACKET. Secure with a rivet or self-tapping screw.
- 13) Fit COWL but do not secure, as removal for flue cleaning will be necessary.
- 14) Fasten CEILING PLATE to ceiling using screws and spacers provided. Ensure an even air gap around FLUE PIPE when fixing. Remove protective plastic from CEILING PLATE.

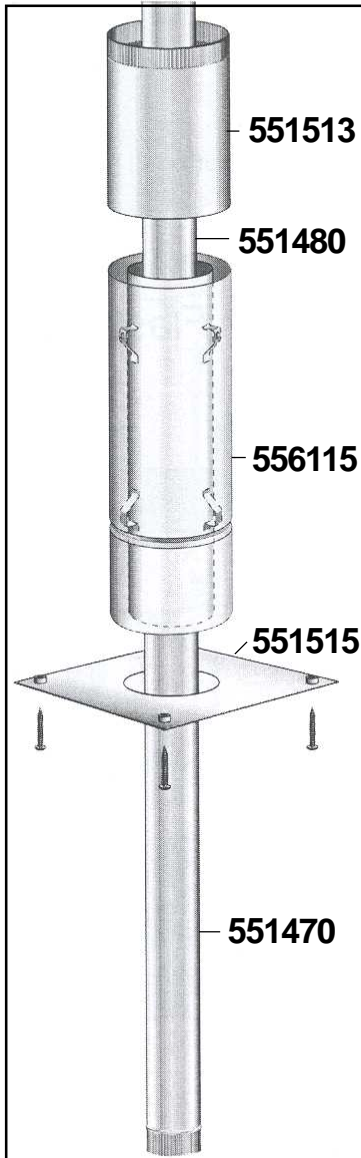
N.B. It is the responsibility of the installer to ensure that the installation of this flue kit complies with Masport's specifications for flues and that relevant Local Body requirements are adhered to.

Wood Fire Flue Kit - Freestanding

Product Description

Part Number

ROOF TERMINATION KIT PART 2



STARTER KIT PART 1

Flue Kit (Hi Therm) - Black - 150mm dia

SFP1002

(to suit: LE 2000, Siena, LE 3000, Verona, Utopia)

Part 2 Contains:

- 1 x 600mm Outer Slip
- 1 x 400mm Flue Pipe
- 1 x Top Spider
- 1 x Casing Cover
- 1 x Anti Down Draught Cowl

Part 1 Contains:

- 3 x 1200mm Stainless Steel Flue
- 1 x 1200mm Inner / Outer Shield Combination
- 1 x Ceiling Plate
- 1 x Pack of Screws and Spacer
- 1 x 600mm Outer Shield

Note: Flue Reflector is required for standard installations

4 metre kits meet the Flue Pipe requirements of AS/NZS 2918:2001 (4.6m rule) for a standard 2.4m stud height and a wood fire height of 600mm or greater



LE 2000



Siena



LE 3000



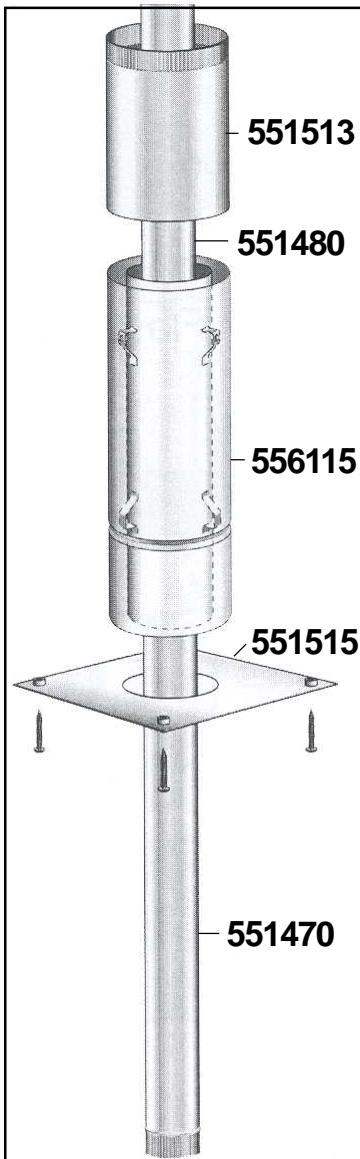
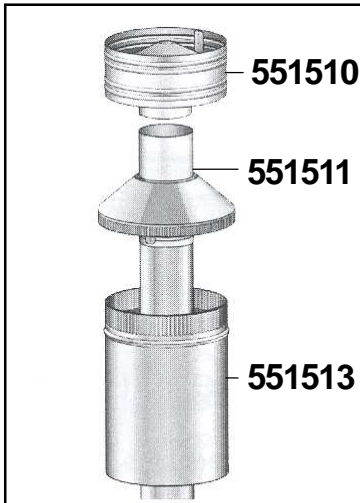
Utopia



Verona

150mm Freestanding Wood Fire Flue Kit Installation Instructions

ROOF TERMINATION KIT PART 2



STARTER KIT PART 1

This flue kit has been manufactured in accordance with AS / NZS 2918:2001. To ensure safety this flue kit must be installed as outlined in these instructions. Heater and flue clearances from combustible walls must be in accordance with Masport's specifications and AS / NZS 2918:2001. **Minimum height 4.6m above floor protector.**

- 1) Locate heater in its proposed position and mark a point on the ceiling that is directly above the centre of the heater's flue outlet. Check that the heater's location allows the OUTER HEAT SHIELD to clear all structural roof timbers.
- 2) Cut a 250mm square hole in ceiling. Directly above cut a hole in roof to accommodate OUTER HEAT SHIELD.
- 3) Fit timber nogs around ceiling and roof holes. i.e. Nogs form a 250mm square aperture which allows air to circulate freely over the OUTER HEAT SHIELD surface.
- 4) Position the OUTER HEAT SHIELD so that it is flush with the underneath of the ceiling and protrudes through the roof the required height. When calculating roof penetration height allow for an extra 500mm that can be achieved by using the OUTER HEAT SHIELD SLIP EXTENSION.
 - a) If the flue is within 3 metres of the ridge, the OUTER HEAT SHIELD must protrude at least 600mm above the ridge of the roof
 - b) If the distance from the ridge is more than 3 metres, the OUTER HEAT SHIELD must protrude at least 900mm above roof penetration.

Additional OUTER HEAT SHIELD and INNER SHIELD (BAFFLE) may have to be added to ensure the correct roof penetration heights are obtained. Outer Liner and Inner Baffle must be installed crimp up. Inner shield must penetrate through roof material a minimum of 200mm.

- 5) Fix an appropriate flashing around the OUTER HEAT SHIELD to seal onto the roofing material.
- 6) From the roof slide the INNER SHIELD into the OUTER HEAT SHIELD until it rests 12mm above ceiling level.
- 7) Assemble FLUE PIPES together ensuring seams are in line. Secure each joint with 3 rivets or self-tapping screws. FLUE PIPES must be assembled with crimped ends down (towards heater). **Flue must be sealed into Firebox using Maniseal.**
- 8) Place CEILING PLATE over heater flue spigot, ensuring the folded edge upstands are facing the ceiling.
- 9) From the roof lower FLUE PIPE through OUTER HEAT SHIELD into position.
- 10) Before securing the OUTER HEAT SHIELD SLIP EXTENSION to the OUTER HEAT SHIELD with 3 rivets or self tapping screws, ensure the FLUE PIPE extends above the top of the OUTER HEAT SHIELD SLIP EXTENSION 170mm. Adjust SLIP EXTENSION to obtain this measurement. If minimum roof penetration heights described earlier can not be achieved add sufficient stainless steel FLUE PIPE.
- 11) Fit CASING COVER over the FLUE PIPE and push down firmly onto TOP FLUE SPACER BRACKET. Secure with a rivet or self-tapping screw.
- 12) Fit COWL but do not secure, as removal for flue cleaning will be necessary.
- 13) Fasten CEILING PLATE to ceiling using screws and spacers provided. Ensure an even air gap around FLUE PIPE when fixing. Remove protective plastic from CEILING PLATE.

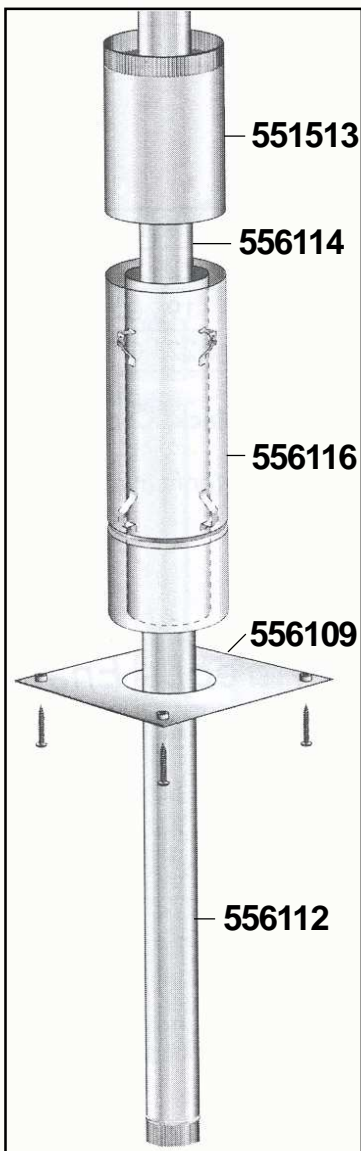
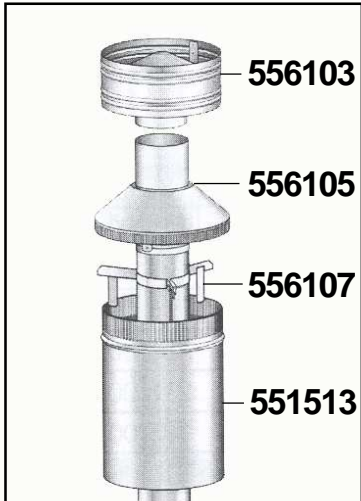
N.B. It is the responsibility of the installer to ensure that the installation of this flue kit complies with Masport's specifications for flues and that relevant Local Body requirements are adhered to.

Wood Fire Flue Kit - Freestanding

Product Description

Part Number

ROOF TERMINATION KIT PART 2



STARTER KIT PART 1

Flue Kit (Hi Therm) - Black - 175mm dia

SFP1003

(to suit Toronto, Grandview)

Part 2 Contains:

- 1 x 600mm Outer Slip
- 1 x 400mm Stainless Steel Flue Pipe
- 1 x Top Spider
- 1 x Casing Cover
- 1 x Anti Down Draught Cowl

Part 1 Contains:

- 2 x 1200mm Hi-Therm Flue Pipes
- 1 x 1200mm Stainless Steel Flue Pipe
- 1 x 1200mm Inner / Outer Shield Combination
- 1 x 600mm Outer Shield
- 1 x Ceiling Plate
- 1 x Pack of Screws and Spacer
- 1 x 600mm Outer Shield

Note: Flue Reflector is required for standard installations

4 metre kits meet the Flue Pipe requirements of AS/NZS 2918:2001 (4.6m rule) for a standard 2.4m stud height and a wood fire height of 600mm or greater



Toronto

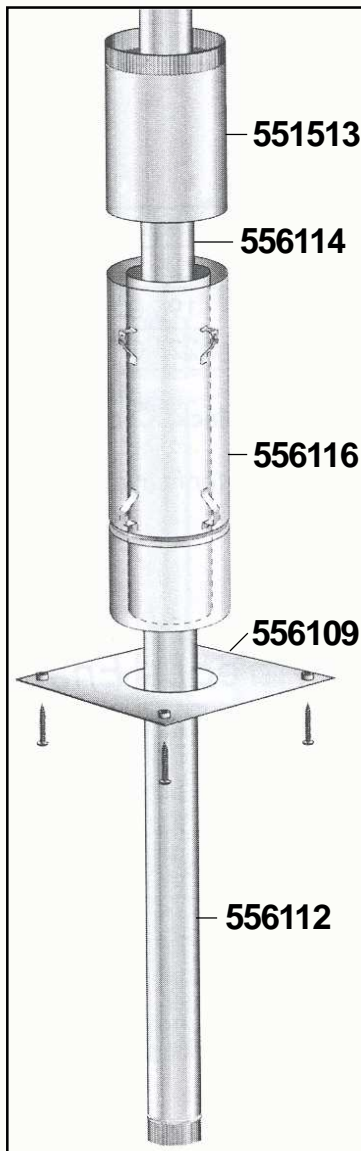
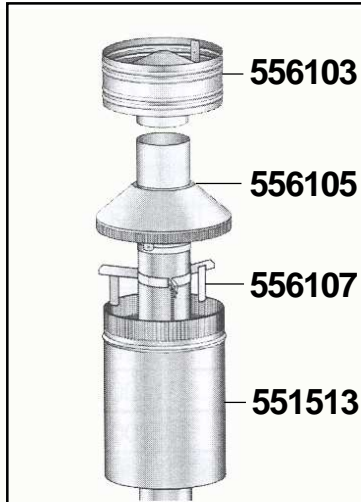


Grandview

175mm Freestanding Wood Fire Flue Kit Installation Instructions

This flue kit has been manufactured in accordance with AS / NZS 2918:2001. To ensure safety this flue kit must be installed as outlined in these instructions. Heater and flue clearances from combustible walls must be in accordance with Masport's specifications and AS / NZS 2918:2001. **Minimum height 4.6m above floor protector.**

ROOF TERMINATION KIT PART 2



STARTER KIT PART 1

- 1) Locate heater in its proposed position and mark a point on the ceiling that is directly above the centre of the heater's flue outlet. Check that the heater's location allows the OUTER HEAT SHIELD to clear all structural roof timbers.
- 2) Cut a 275mm square hole in ceiling. Directly above cut a hole in roof to accommodate OUTER HEAT SHIELD.
- 3) Fit timber nogs around ceiling and roof holes. i.e. Nogs form a 275mm square aperture which allows air to circulate freely over the OUTER HEAT SHIELD surface.
- 4) Position the OUTER HEAT SHIELD so that it is flush with the underneath of the ceiling and protrudes through the roof the required height. When calculating roof penetration height allow for an extra 500mm that can be achieved by using the OUTER HEAT SHIELD SLIP EXTENSION.
 - a) If the flue is within 3 metres of the ridge, the OUTER HEAT SHIELD must protrude at least 600mm above the ridge of the roof
 - b) If the distance from the ridge is more than 3 metres, the OUTER HEAT SHIELD must protrude at least 900mm above roof penetration.

Additional OUTER HEAT SHIELD and INNER SHIELD (BAFFLE) may have to be added to ensure the correct roof penetration heights are obtained. Outer Liner and Inner Baffle must be installed crimp up. Inner shield must penetrate through roof material a minimum of 200mm.

- 5) Fix an appropriate flashing around the OUTER HEAT SHIELD to seal onto the roofing material.
- 6) From the roof slide the INNER SHIELD into the OUTER HEAT SHIELD until it rests 12mm above ceiling level.
- 7) Assemble FLUE PIPES together ensuring seams are in line. Secure each joint with 3 rivets or self-tapping screws. FLUE PIPES must be assembled with crimped ends down (towards heater). **Flue must be sealed into Firebox using Maniseal.**
- 8) Place CEILING PLATE over heater flue spigot, ensuring the folded edge upstands are facing the ceiling.
- 9) From the roof lower FLUE PIPE through OUTER HEAT SHIELD into position.
- 10) Before securing the OUTER HEAT SHIELD SLIP EXTENSION to the OUTER HEAT SHIELD with 3 rivets or self-tapping screws, ensure the FLUE PIPE extends above the top of the OUTER HEAT SHIELD SLIP EXTENSION 170mm. Adjust SLIP EXTENSION to obtain this measurement. If minimum roof penetration heights described earlier can not be achieved add sufficient stainless steel FLUE PIPE.
- 11) Fit TOP FLUE SPACER BRACKET to the FLUE making sure the lugs fit snugly inside OUTER HEAT SHIELD SLIP EXTENSION. Make sure TOP FLUE SPACER BRACKET fits hard down onto OUTER HEAT SHIELD SLIP EXTENSION.
- 12) Fit CASING COVER over the FLUE PIPE and push down firmly onto TOP FLUE SPACER BRACKET Secure with a rivet or self-tapping screw.
- 13) Fit COWL but do not secure, as removal for flue cleaning will be necessary.
- 14) Fasten CEILING PLATE to ceiling using screws and spacers provided. Ensure an even air gap around FLUE PIPE when fixing. Remove protective plastic from CEILING PLATE.

N.B. It is the responsibility of the installer to ensure that the installation of this flue kit complies with Masport's specifications for flues and that relevant Local Body requirements are adhered to.

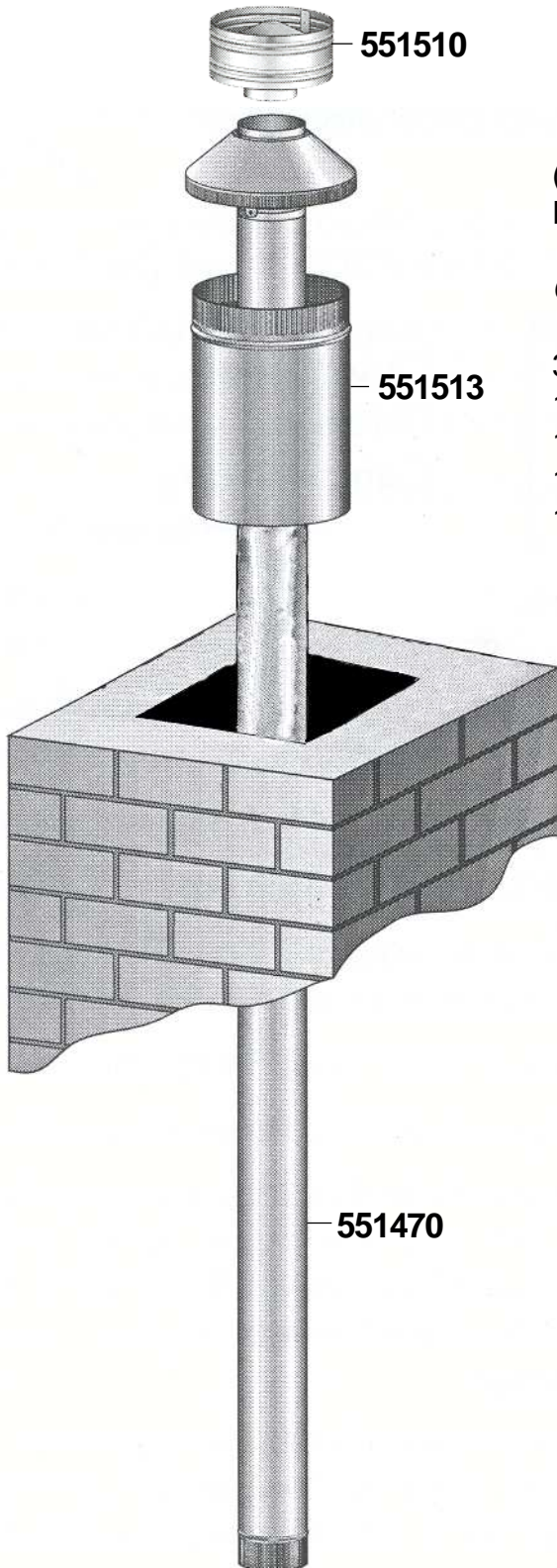
150mm Chimney Wood Fire Flue Kit - Inbuilt

Product Description

Part Number

Flue Kit - 150mm dia

551460



(to suit LE 3000 Provincial, LE 7000 Provincial, Grande Provincial)

Contains:

- 3 x 1200mm lengths of Stainless Steel Flue
- 1 x 600mm length of Stainless Steel Flue
- 1 x 600mm length of Galvanised Outer Shield, 250mm Dia.
- 1 x Cowl
- 1 x Casing Cover



LE 3000 Provincial



LE 5000 Provincial



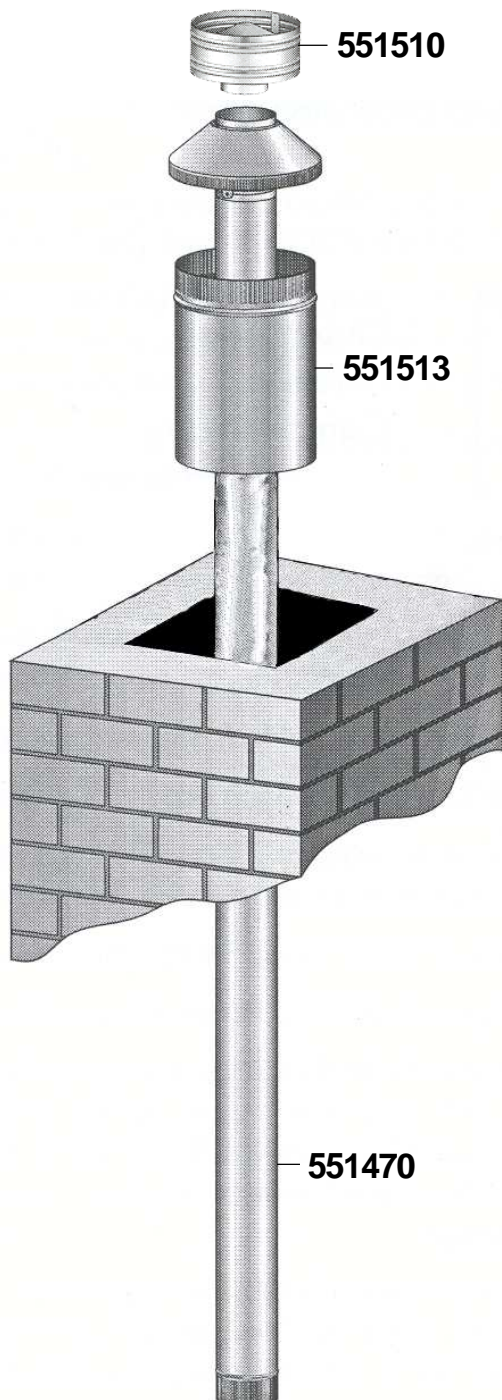
LE 7000 Provincial



Grande Provincial

150mm Chimney Wood Fire Flue Kit Installation Instructions

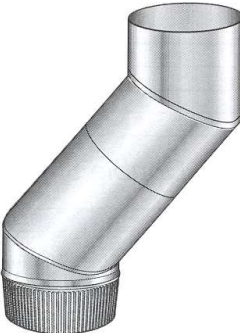
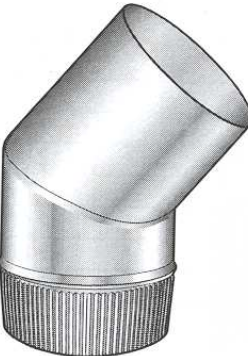
This flue kit has been manufactured in accordance with AS / NZS 2918:2001. To ensure safety this flue kit must be installed as outlined in these instructions. The appliance to which it is connected must be installed in accordance with its manufacturers specifications.



- 1) Ensure the chimney is clean and free of soot. Check the chimney for structural soundness.
- 2) Install heater into fireplace according to manufacturers specifications
- 3) By looking down chimney, check that heater flue outlet is in line with chimney. If not a FLUE OFFSET or BENDS will be required.
- 4) Assemble FLUE PIPES together ensuring seams are in line. Joints must be compressed fully and secured with 3 rivets or self-tapping screws.
- 5) Lower assembled FLUE PIPE, crimped end down, into heater flue outlet. Flue must be sealed into the firebox with Maniseal or similar. On some installations it may be desirable to assemble FLUE PIPE lengths as they are lowered into the chimney. **Flue pipe must be sealed into firebox with exhaust cement.**
- 6) Secure CHIMNEY FLASHING PLATE (not supplied) and/or OUTER HEAT SHIELD to chimney with suitable fasteners and weather seal to the chimney top with mortar and/or silicone.
- 7) Check the FLUE PIPE extends above the top of the CHIMNEY FLASHING PLATE or OUTER HEAT SHIELD 180mm. Add sufficient stainless steel FLUE PIPE or trim OUTER HEAT SHIELD to attain this measurement.
- 8) Push CASING COVER (with spigot inside FLUE PIPE) down onto the OUTER HEAT SHIELD. The 3 locating brackets with holes must be on the outside of the OUTER HEAT SHIELD and are secured using 3 rivets or self tapping screws.
- 9) Fit COWL.

N.B It is the responsibility of the installer to ensure that the installation of this flue kit complies with the appliance manufacturers specifications for flues and that relevant Local Body requirements are adhered to.

Wood Fire Flue Kit Accessories - Freestanding

	Product Description	Part Number
	Anti Down Draught Cowl - 125mm	556102
	Anti Down Draught Cowl - 150mm	551510
	Anti Down Draught Cowl - 175mm	556103
	120mm Spacer Bracket	556108
	125mm Spacer Bracket	556106
	150mm Spacer Bracket	551512
	175mm Spacer Bracket	556107
	125mm Casing Cover	556104
	150mm Casing Cover	551511
	175mm Casing Cover	556105
	120mm Ceiling Plate	535511 - Pot Belly
	125mm Ceiling Plate	556108
	150mm Ceiling Plate	551515
	175mm Ceiling Plate	556109
	Telescopic Offset - 150mm	551476
	45° Fixed Bend - Stainless Steel - 125mm	556110
	45° Fixed Bend - Stainless Steel - 150mm	551489
	45° Fixed Bend - Stainless Steel - 175mm	556111

Wood Fire Flue Kit Accessories

	Product Description	Part Number
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127mm Stainless Steel Flue Deflector - 1200mm	551374
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150mm Stainless Steel Flue Deflector - 1200mm	551481
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175mm Stainless Steel Flue Deflector - 900mm	551793
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complete with bracket for mounting to flue

Please ensure Masport's Flue Deflector specifications are strictly adhered to



127mm Stainless Steel Flue Pipe - 1200mm	551471
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150mm Stainless Steel Flue Pipe - 1200mm	551470
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175mm Stainless Steel Flue Pipe - 1200mm	556112
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200mm/250mm Inner/Outer Shield - 1200mm	556115
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225mm/275mm Inner/Outer Shield - 1200mm	556116
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Wood Fire Flue Kit Accessories - Freestanding

Product Description	Part Number
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120mm Stainless Steel
Flue Length - Hi Therm
- 1200mm

125mm Stainless Steel
Flue Length - Hi Therm
- 1200mm

556113

150mm Stainless Steel
Flue Length - Hi Therm
- 1200mm

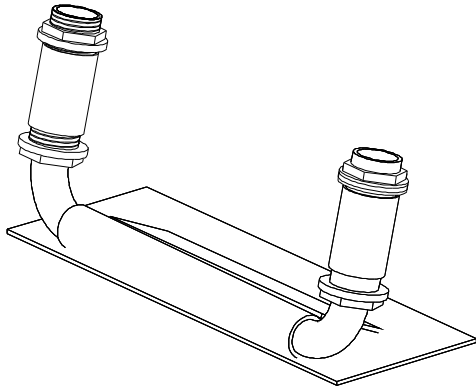
551480

175mm Stainless Steel
Flue Length - Hi Therm
- 1200mm

556114

Wood Fire Accessories

	Product Description	Part Number
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Standard Water Booster - Horizon / LE 2000 / Siena / LE 3000 / LE 5000 / Toronto Verona / Grandview	586044
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Standard Water Booster - Arcadia	585876
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Standard Water Booster - Utopia	585879
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Standard Water Booster - Pittsburgh / Fatso	984242
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Standard Water Booster - Klondike / Oregon / Yukon	984244
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Super Water Booster - LE 3000 / LE 5000 Toronto / Verona Grandview	586062
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Touch Up Paint - Black	556123
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Touch Up Paint - Blue	586025
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Touch Up Paint - Charcoal	556266
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Touch Up Paint - Coffee	586208
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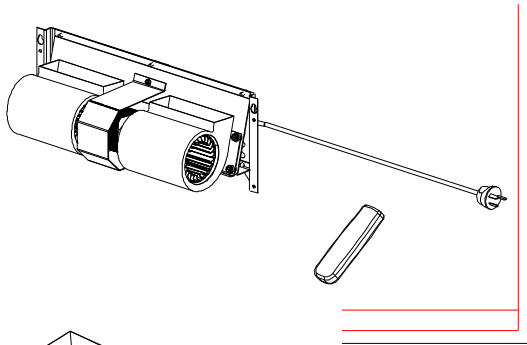
Touch Up Paint - Green	586204
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Touch Up Paint - Aerosol - Black (Hi Therm)	586262
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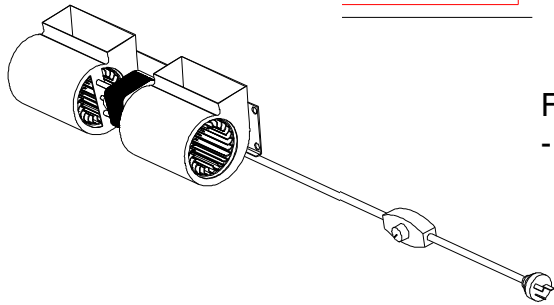
Wood Fire Accessories - Fans

	Product Description	Part Number
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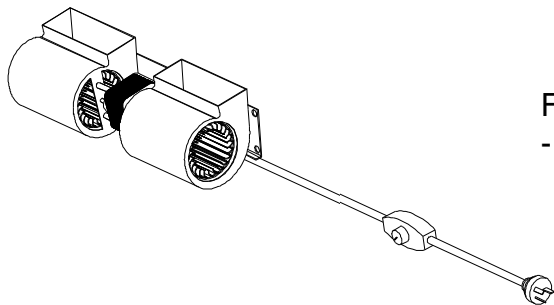
Fan Assy-Remote

995398



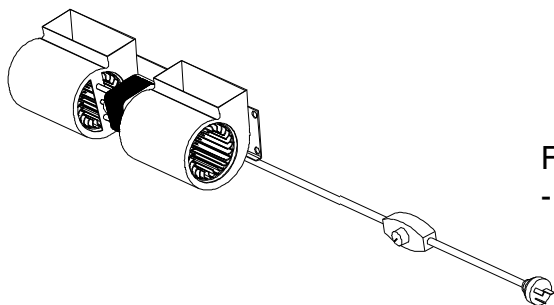
Fan Assy - 3 Speed
- Panorama / Grandview

995557



Fan Assy - 3 Speed
- Toronto / Colorado /
LE 7000

587363

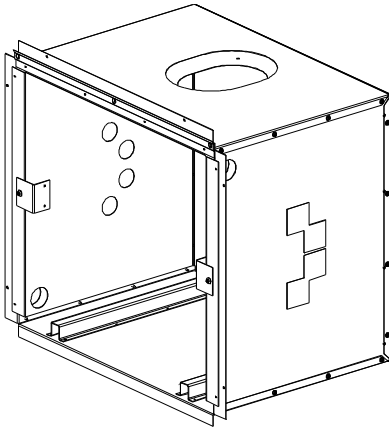


Fan Assy - 3 Speed
- LE 3000 Provincial

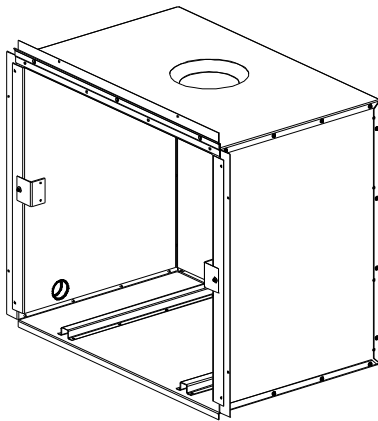
795281

Wood Fire Flue Kit Accessories - Inbuilt

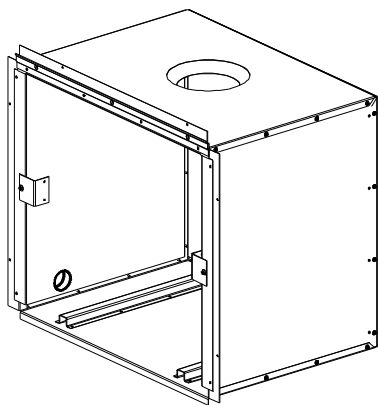
Product Description



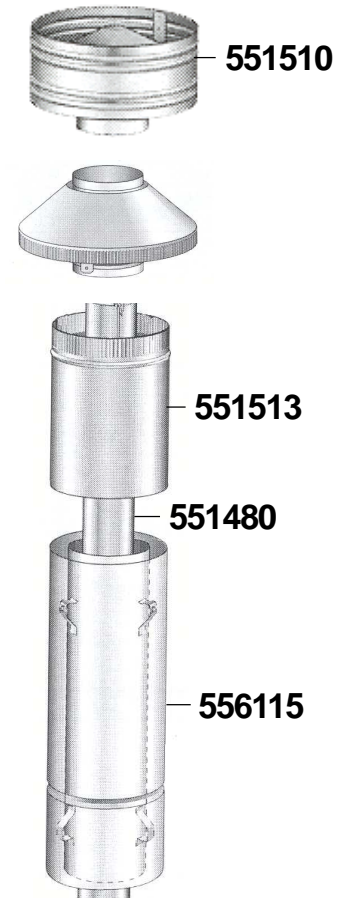
**LE 5000 Provincial
Zero Clearance Box
Part Number 995968**



**LE 7000 Provincial
Zero Clearance Box
Part Number 995964**



**Grande Provincial
Zero Clearance Box
Part Number 995965**



150mm Zero Clearance Ceiling Kit

Part No.551458

- 1 x 150mm Std Comb Cowl
- 1 x 250/200mm Combination Galvanised Outer Heat Shield x 1200
- 1 x 250mm Galvanised Outer Heat Shield x 600
- 1 x 150mm Stainless Steel Flue x 1200
- 1 x 150mm Stainless Steel Flue x 600

150mm Zero Clearance Extension Kit

Part No. 551459

- 2 x 250/200mm Combination Galvanised Outer Heat Shield x 1200
- 2 x 150mm Stainless Steel Flue x 1200



**PLEASE NOTE BOTH FLUE KIT PARTS NUMBERS
551458 AND 551459 MUST BE ORDERED TO MAKE
UP A 4.2 METRE STANDARD COMPLETE KIT**

Masport®

LE 7000 Provincial Built-in (Zero Clearance) Kit Instructions.

The kit enables the Masport LE 7000 Provincial Woodfire to be installed when no conventional masonry chimney is available. The woodfire will need a shielding box, a special flue kit, a ventilated top fascia rail, and a bottom fascia rail. The installation may be made onto a timber or particle board floor or a concrete floor. (See Special Constructions below for concrete floors). We recommend following the sequence below.

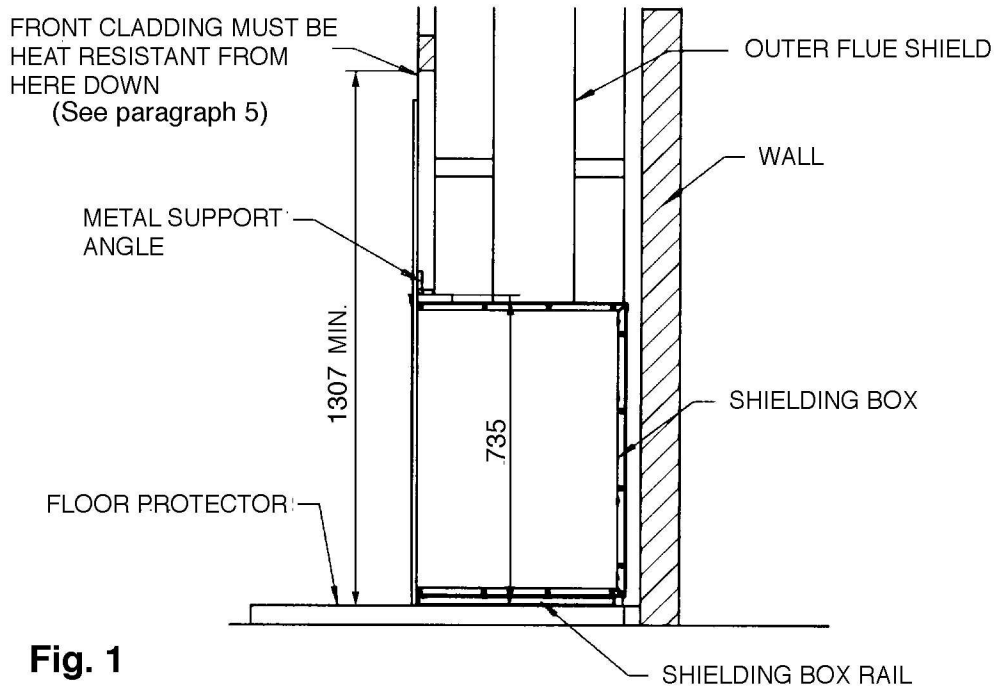


Fig. 1

STANDARD INSTALLATIONS:

1. Inspect the house construction at the proposed installation position to verify that the flue shield (250mm diameter, plus 25mm clearance all around) can pass right up through the ceiling space without requiring the removal of essential roof or ceiling support beams. The flue centreline will be 277 mm out from the rear wall and it must be at least 730mm distant from any side wall. (See Fig. 2).

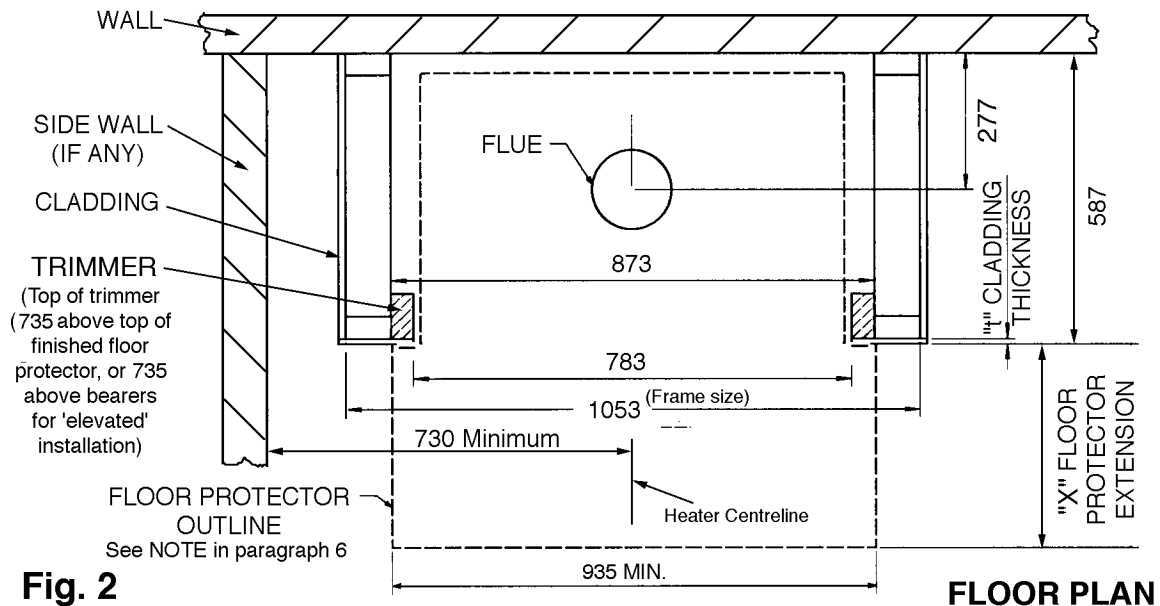


Fig. 2

FLOOR PLAN

2. Drop a plumb line from the ceiling to the floor to verify the centreline and cut a hole at least 300mm square through the ceiling on this centreline. If preferred, there may be no ceiling inside the fireplace enclosure. (See step 12)

3. Ensure that there are suitable nogs at either the ceiling or roof level (or both) to provide anchorage for the outer flue heat shield bracing angles.
4. Frame up the **enclosure** using nominal 90 by 45 dressed timber, verifying that it will be on the flue centreline. (See Fig. 3). The overall depth of the frame should be $(587 - t)$ mm, where 't' is the cladding thickness. The distance between the trimmers (where the assembled shielding box will fit), should be 783mm. The overall width of the enclosure frame shown is the minimum required, but if desired it may be larger. The trimmers do not run the full height, but end 735 mm above the finished top face of the floor protector (or 735 mm above the top of the bearers if the heater is 'elevated'). Refer to paragraph 6 for floor protector thickness options and the advantage of 'elevated' installations. Fix the metal support angle across the tops of the trimmers to provide support and fixing for the front heat resistant cladding. (See Fig. 3).

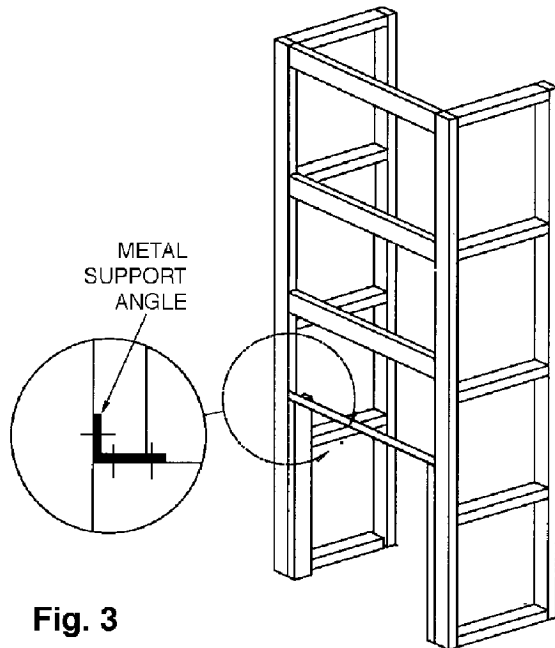


Fig. 3

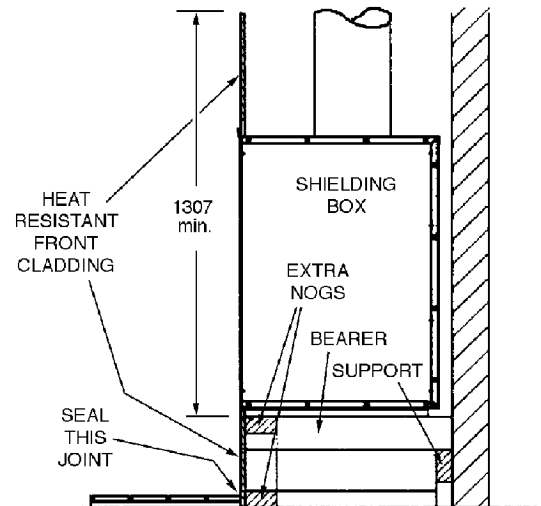


Fig. 4 ELEVATED INSTALLATION

For an 'elevated' installation, fix two **extra nogs** (90x45x783 mm) across the front opening of the enclosure, one at the bottom and the other at the desired 'elevation' height. (See Fig. 4). These **extra nogs** will carry the front cladding below the heater. Fix two 90 x 45 **bearers** running from front to back behind the top extra nog, positioned 250 mm each side of the enclosure centreline to provide support for the shielding box rails. The **bearer** tops must be flush with the top of the **top extra nog**. Provide a suitable **support** at the rear ends of the bearers to carry the weight of the appliance. (See Fig. 4). The shielding box rails can sit directly on the bearers. No insulation is necessary.

The usual three nogs may be fixed at each side of the enclosure. At the front, the lowest wooden nog must have its lower face at least 1307 mm above the top of the floor protector (or 1307 mm above the bearers for an elevated installation). Further wooden nogs can be fitted at the front above this one.

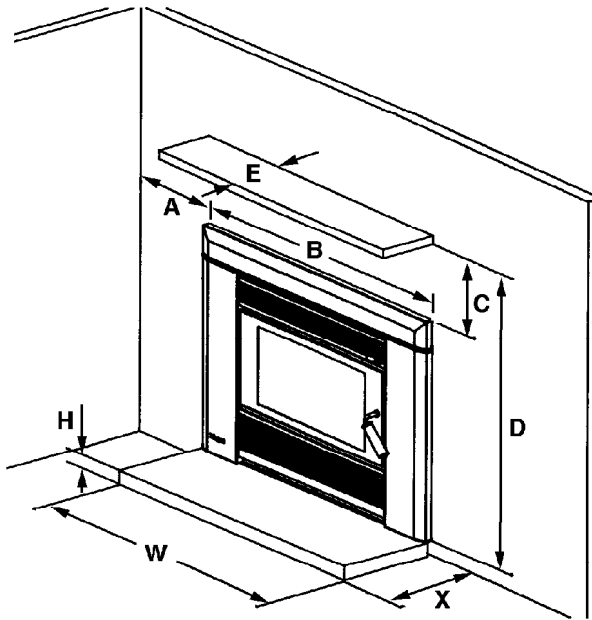
5. Fix the cladding to the **front** of the enclosure, including down each side of the 735 x 783 opening. All **front cladding** (including cladding below the heater in elevated installations) which is less than 1307 mm above the floor protector (or the bearers in elevated installations), must be of heat-proof material such as Hardies Tile and Slate Underlay, Hardiflex or Supalux. It is usually convenient to carry the same material right up to ceiling level. At the lower edge, drill (4.5 mm diameter) into the metal support angle through the holes in the top flange of the shielding box and fasten with the self threading screws provided. The **side cladding** for the enclosure may be Gib board or any other wall cladding material. For ease of flue installation, leave the cladding off at least one side until the flue system has been installed.
6. For heat sensitive floors, construct a floor protector of the shape shown in the Floor Plan above (Fig. 2). (See page 4 for concrete floors). The standard floor protector is constructed of two layers of 6mm fibre cement board (such as Hardies Tile and Slate Underlay), topped with a layer of tiles or slate. This will give a thickness of approximately 20mm, and the extension from the face of the front cladding must be at least 385 mm. The floor protector must be at least 935 mm wide.

If it is desired to reduce the extension of the floor protector to its minimum allowable size (335 measured from the front cladding or 300 from the door opening), this can be done in two ways:-

- By increasing the thickness of the floor protector to at least 47 mm. (The shielding box must be raised to the new height also.)
- By keeping the 20 mm floor protector thickness and raising the shielding box 45 mm above the top of the floor protector on bearers as described in paragraph 4. (An 'elevated' installation).

In all cases, the width of the required floor protector must be at least 935 mm.

NOTE: For elevated installations, the floor protector may be installed after the heater is in position as it does not extend into the enclosure. However, its rear edge must butt up against the face of the heat-proof cladding below the heater, and the joint at that point must be sealed to prevent the possibility of ember penetration.



A Min	B	W Min	C Min	D Min	E Min	H	X
228	1004	965	290	1080	150	20	385
			590	1380	250	47	335

All floor protectors must have at least 335mm extension from the surround (300mm from the door opening)

Fig 5

7. Cement tiles or slate to the top of the floor protector. The part inside the enclosure will not be visible and therefore does not need complete coverage. It is necessary to fix the finishing layer only under the support rails in this area. The visible edges of the floor protector are best finished with wooden trim or tiles after the stove has been installed.
8. Penetrate the roofing material on the flue centreline. Working from the bottom, assemble sections of the flue and the inner and outer flue heat shields (casings) and pass them up through the hole in the roof. Remember the flue sections must be fixed together at each joint with at least two rust-proof fasteners, and the crimped ends of the flue heat shields go to the top. When the flue system is finally in position, the inner shield must extend up past the roof penetration point and the outer shield must be sufficiently high to avoid down-draughts in the finished flue. If the flue centreline is within 3m of the ridge, the outer shield must end at least 600mm above the roof ridge. If it is further than 3m from the ridge, the shield must extend at least 900mm above the point of roof penetration. In some cases where there are trees or high buildings in the vicinity, it may be necessary to increase this height to avoid down-draughts. **Note:** the 200mm adapter ring (with holes which ventilate the space between the flue and the inner shield) will be fitted into the shielding box assembly and will engage in the bottom of the inner heat shield. Fit a temporary support to hold the flue system high enough to permit sliding in the shielding box.
9. Assemble the base, sides, back and top panel of the shielding box (see Fig. 6). Slide the assembly into place in the enclosure. After centralising, fix the flange of the top panel of the shielding box through the cladding into the metal angle support, and fix the side flanges (through the cladding) into the wooden trimmers. Pass the 200mm adapter ring (crimped end up) upwards into the hole in the top panel of the shielding box, and slide the top shield in under it so that the ring sits on top of the top shield and the top shield rests on the top edges of the inner heat shields of the cabinet. Make sure the back flange of the top shield hooks over the shield on the rear panel. Fix the top shield to the front flange of the top panel with 3 screws.

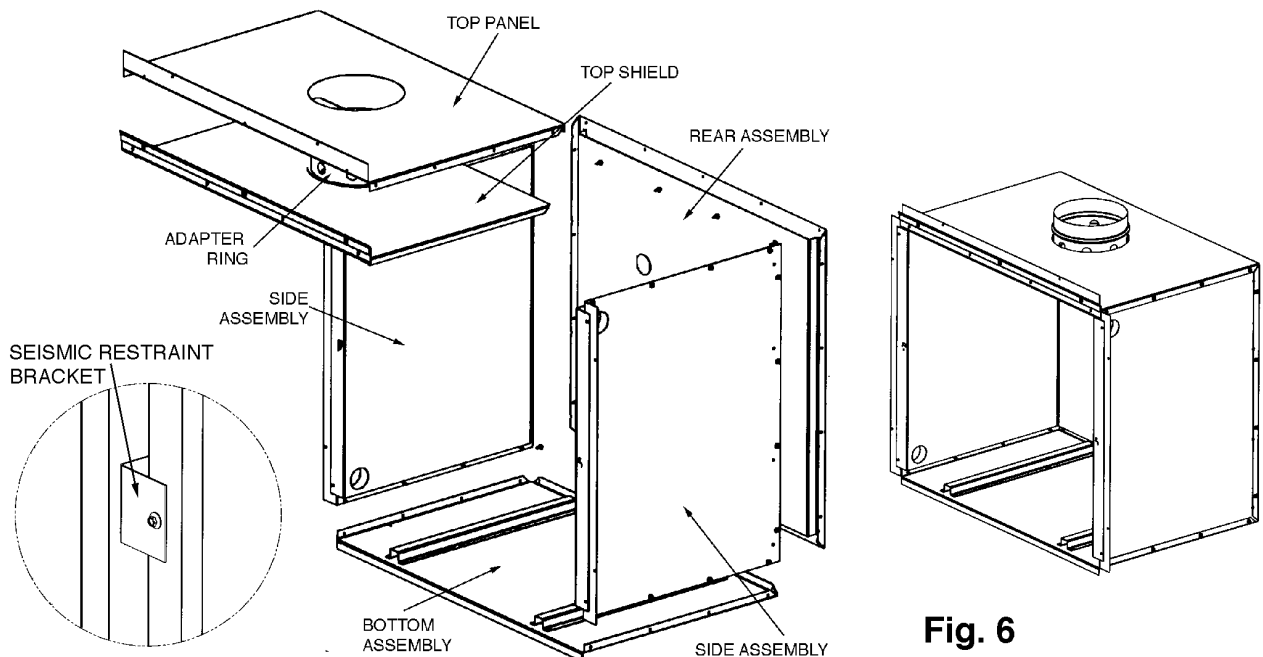


Fig. 6

10. Remove the two retaining screws and slide out the removable top section of the **firebox** cabinet. Fix the seismic restraint brackets at each side of the firebox cabinet (flanges facing outwards), and slide the firebox cabinet into the shielding box. Centralise it and secure the restraint brackets to the shielding box flanges.
11. Lower the assembled flue and **seal and fix it to the flue socket** of the heater. Lower the inner flue heat shield and engage its bottom end with the adapter ring. Lower the outer flue heat shield to sit on top of the shielding box.
12. Fit the two shield bracing angles at either ceiling or roof level as appropriate. Fix a suitable flashing where the outer shield penetrates the roof.
13. **IMPORTANT.** to avoid the risk of a fire, cover the entire open space surrounding the heat shield at ceiling level with wire netting which has a mesh small enough to prevent the entry of birds or vermin into the enclosure.
14. At the top of the flue, fix the flashing cone and fit the flue cowl in the usual way.
15. Re-fit the removable top section of the firebox cabinet and secure it with two screws.
16. Fix the cladding to the enclosure side(s).
17. An un-shielded mantel-shelf may be fitted according to the height and width restrictions shown in Fig. 5. Shelves lower or wider than shown require a metal under-shield (see the installation manual).
18. Remove the standard top rail of the fascia and replace it by the vented one. Remove the bottom bar of the fascia and replace it by the vented bottom rail, taking care to trap the mains lead and grommet between the left end of the bottom rail and the left fascia upright. If necessary, replace the electrical connections at the rear of the fan switch (see installation manual) and ensure that the earth wire is connected to the post behind the Masport badge on the left fascia upright.
19. Fit the fascia by offering it up to the heater about 15 mm above its final position and lowering it, making sure the lip behind the top fascia rail engages in the slot at the top of the shielding box. Fit the six retaining screws.
20. Fit the upper and lower fascia grilles and the firebox door as described in the installation manual.
21. Finish the floor protector by installing an edge trim if desired.

SPECIAL CONSTRUCTIONS:

CONCRETE FLOORS: The above instructions assume that the heater is being assembled on a heat sensitive floor such as timber or particle board. Where the floor is not heat sensitive (e.g. concrete), the insulating floor protector may be omitted. However, if heat sensitive floor coverings are fitted it will be necessary to keep them at a safe distance. The most practical way to do this is to fix tiles to the floor where the floor protector would normally be. This will make the top of the protector approximately flush with the floor covering, so a larger floor protector will be needed. It must extend out to 500 mm from the face of the fireplace surround, but the 965 mm width will be sufficient.

EXTERNAL INSTALLATIONS: In the case where the enclosure is to be erected outside the house, the shielding and flue installation details above will still apply. It is important to remember that the aperture in the wall of the house will need to be sufficiently high to permit the installation of heat resistant panelling in front of the heater to at least 1380 mm above the bottom of the shielding box rails. Suitable foundations will be required to support the weight of the enclosure and the heater and weatherproofing of the entire assembly will be necessary.

BRICK FACED INTERNAL ENCLOSURES:

Flue installation and clearance requirements are as detailed above. Brick wall construction will normally require a cast concrete base slab, so this slab could be extended to provide the necessary floor protection.

CAUTION. If local Building Requirements permit laying the concrete slab on top of a wooden floor, it should be made of lightweight concrete and even then foundation support may be required. In any case, the slab should be poured on top of one layer of Micore 160 board (covered with sheet plastic to keep it dry) to prevent heat damage to the wooden floor. The top surface can be finished with bricks or tiles etc. In all cases the floor protector dimensions must be as previously shown.

As before, the opening for the appliance in the front wall must be 875mm wide and 808 mm high. Note that the bricks above the opening must extend to at least 1380 mm above the bottom of the shielding box rails.

Fit the shielding box and complete the installation as previously detailed for standard installations.

Grande Provincial Built-in (Zero Clearance) Kit Instructions.

The kit enables the Masport Grande Provincial Woodfire to be installed when no conventional masonry chimney is available. The woodfire will need a shielding box, a special flue kit, a ventilated top fascia rail, and a bottom fascia rail. The installation may be made onto a timber or particle board floor or a concrete floor. (See Special Constructions below for concrete floors). We recommend following the sequence below.

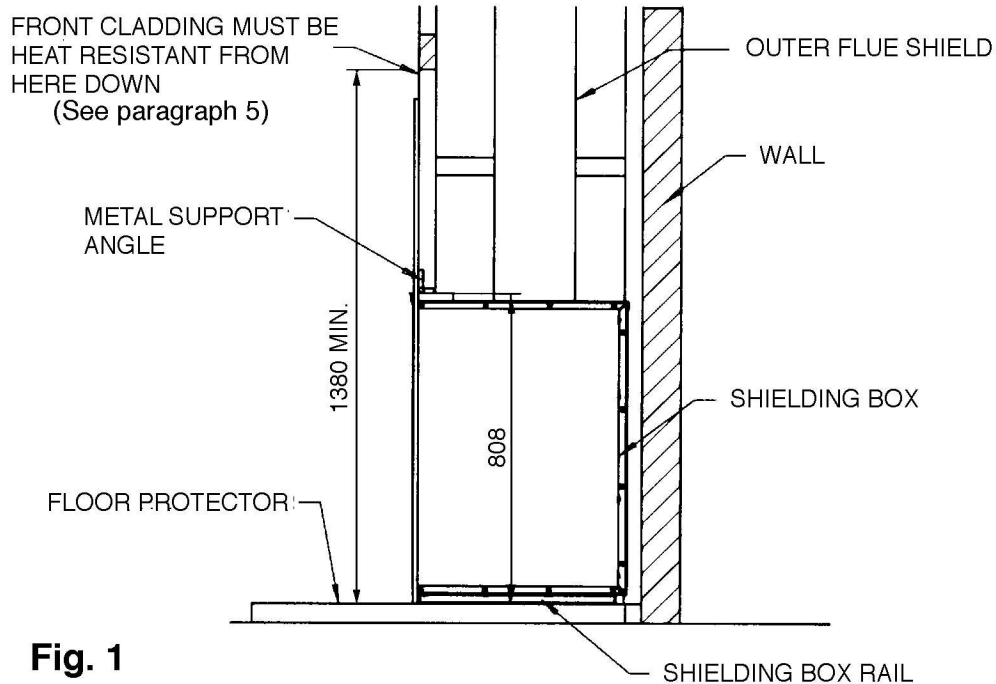


Fig. 1

STANDARD INSTALLATIONS:

1. Inspect the house construction at the proposed installation position to verify that the flue shield (250mm diameter, plus 25mm clearance all around) can pass right up through the ceiling space without requiring the removal of essential roof or ceiling support beams. The flue centreline will be 277 mm out from the rear wall and it must be at least 730mm distant from any side wall. (See Fig. 2).

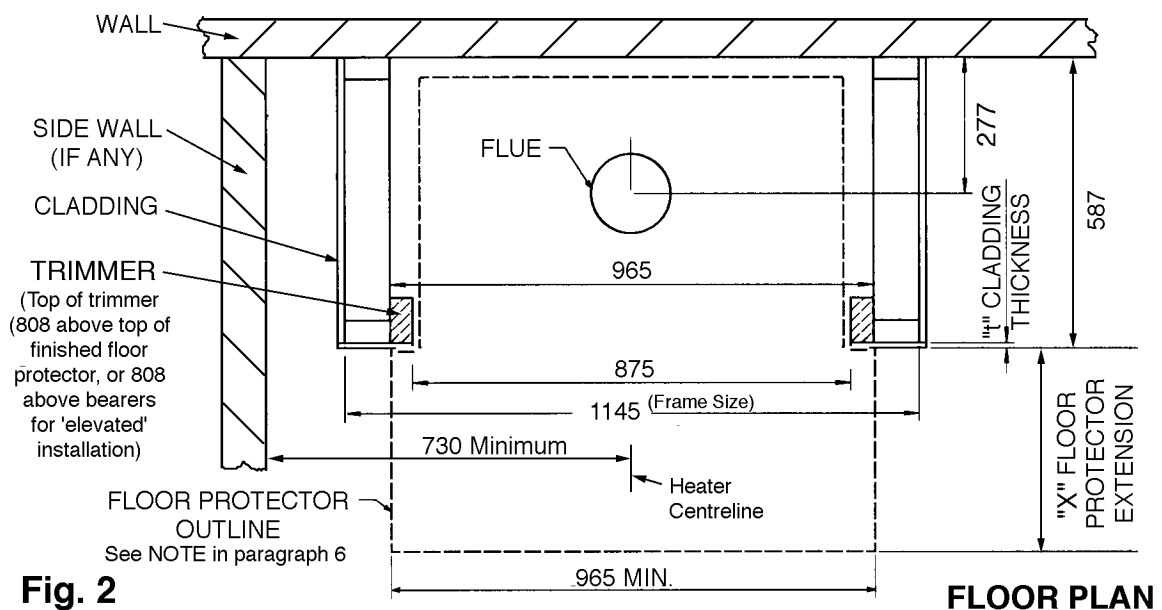


Fig. 2

2. Drop a plumb line from the ceiling to the floor to verify the centreline and cut a hole at least 300mm square through the ceiling on this centreline. If preferred, there may be no ceiling inside the fireplace enclosure. (See step 12)

3. Ensure that there are suitable nogs at either the ceiling or roof level (or both) to provide anchorage for the outer flue heat shield bracing angles.
4. Frame up the **enclosure** using nominal 90 by 45 dressed timber, verifying that it will be on the flue centreline. (See Fig. 3). The overall depth of the frame should be $(587 - t)$ mm, where 't' is the cladding thickness. The distance between the trimmers (where the assembled shielding box will fit), should be 875mm. The overall width of the enclosure frame shown is the minimum required, but if desired it may be larger. The trimmers do not run the full height, but end 808 mm above the finished top face of the floor protector (or 808 mm above the top of the bearers if the heater is 'elevated'). Refer to paragraph 6 for floor protector thickness options and the advantage of 'elevated' installations. Fix the metal support angle across the tops of the trimmers to provide support and fixing for the front heat resistant cladding.

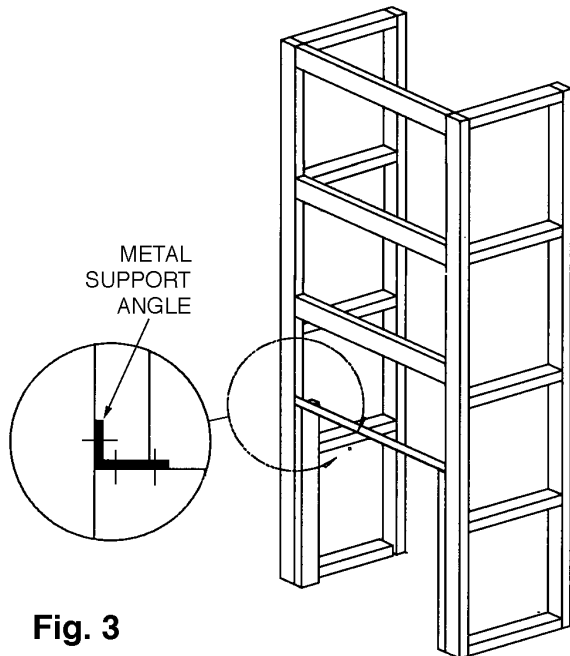


Fig. 3

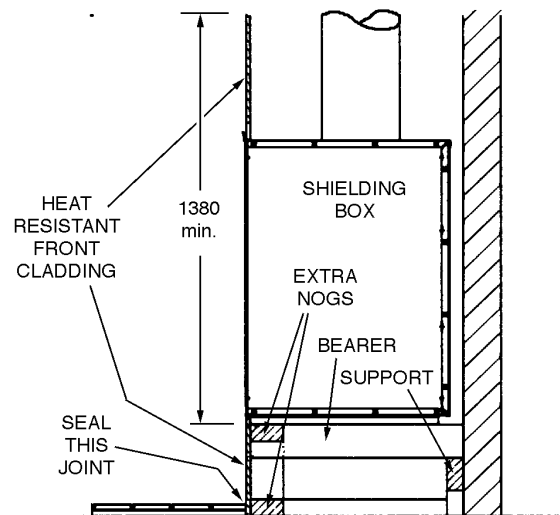


Fig. 4 ELEVATED INSTALLATION

For an 'elevated' installation, fix two **extra nogs** (90x45x875 mm) across the front opening of the enclosure, one at the bottom and the other at the desired 'elevation' height. (See Fig. 4). These **extra nogs** will carry the front cladding below the heater. Fix two 90 x 45 **bearers** running from front to back behind the top extra nog,, positioned 250 mm each side of the enclosure centreline to provide support for the shielding box rails. The **bearer** tops must be flush with the top of the **top extra nog**. Provide a suitable **support** at the rear ends of the bearers to carry the weight of the appliance. (See Fig. 4). The shielding box rails can sit directly on the bearers. No insulation is necessary. The usual three nogs may be fixed at each side of the enclosure. At the front, the lowest wooden nog must have its lower face at least 1380 mm above the top of the floor protector (or 1380 mm above the bearers for an elevated installation). Further wooden nogs can be fitted at the front above this one.

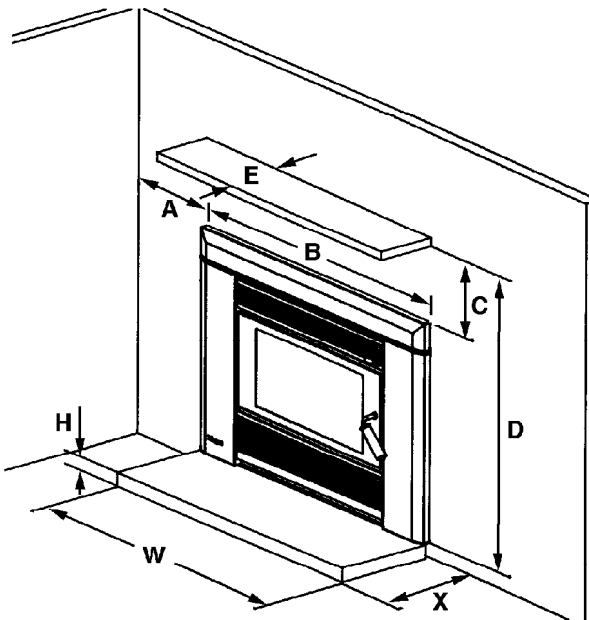
5. Fix the cladding to the **front** of the enclosure, including down each side of the 808 x 875 opening. All **front cladding** (including cladding below the heater in elevated installations) which is less than 1380 mm above the floor protector (or the bearers in elevated installations), must be of heat-proof material such as Hardies Tile and Slate Underlay, Hardiflex or Supalux. It is usually convenient to carry the same material right up to ceiling level. At the lower edge, drill (4.5 mm diameter) into the metal support angle through the holes in the top flange of the shielding box and fasten with the self threading screws provided. The **side cladding** for the enclosure may be Gib board or any other wall cladding material. For ease of flue installation, leave the cladding off at least one side until the flue system has been installed.
6. For heat sensitive floors, construct a floor protector of the shape shown in the Floor Plan above (Fig. 2). (See page 4 for concrete floors). The standard floor protector is constructed of two layers of 6mm fibre cement board (such as Hardies Tile and Slate Underlay), topped with a layer of tiles or slate. This will give a thickness of approximately 20mm, and the extension from the face of the front cladding must be at least 440 mm. The floor protector must be at least 965 mm wide.

If it is desired to reduce the extension of the floor protector to its minimum allowable size (335 measured from the front cladding or 300 from the door opening), this can be done in two ways:-

- By increasing the thickness of the floor protector to at least 95 mm. (The shielding box must be raised to the new height also.)
- By keeping the 20 mm floor protector thickness and raising the shielding box 90 mm above the top of the floor protector on bearers as described in paragraph 4. (An 'elevated' installation).

In all cases, the width of the required floor protector must be at least 965 mm.

NOTE: For elevated installations, the floor protector may be installed after the heater is in position as it does not extend into the enclosure. However, its rear edge must butt up against the face of the heat-proof cladding below the heater, and the joint at that point must be sealed to prevent the possibility of ember penetration.



A Min	B	W Min	C Min	D Min	E Min	H	X
228	1004	965	290	1080	150	20	440
			590	1380	250	95	335

All floor protectors must have at least 335mm extension from the surround (300mm from the door opening)

Fig 5

7. Cement tiles or slate to the top of the floor protector. The part inside the enclosure will not be visible and therefore does not need complete coverage. It is necessary to fix the finishing layer only under the support rails in this area. The visible edges of the floor protector are best finished with wooden trim or tiles after the stove has been installed.
8. Penetrate the roofing material on the flue centreline. Working from the bottom, assemble sections of the flue and the inner and outer flue heat shields (casings) and pass them up through the hole in the roof. Remember the flue sections must be fixed together at each joint with at least two rust-proof fasteners, and the crimped ends of the flue heat shields go to the top. When the flue system is finally in position, the inner shield must extend up past the roof penetration point and the outer shield must be sufficiently high to avoid down-draughts in the finished flue. If the flue centreline is within 3m of the ridge, the outer shield must end at least 600mm above the roof ridge. If it is further than 3m from the ridge, the shield must extend at least 900mm above the point of roof penetration. In some cases where there are trees or high buildings in the vicinity, it may be necessary to increase this height to avoid down-draughts. Note that the 200mm adapter ring (with holes which ventilate the space between the flue and the inner shield) will be fitted into the shielding box assembly and will engage in the bottom of the inner heat shield. Fit a temporary support to hold the flue system high enough to permit sliding in the shielding box.
9. Assemble the base, sides, back and top panel of the shielding box (see Fig. 6). Slide the assembly into place in the enclosure. After centralising, fix the flange of the top panel of the shielding box through the cladding into the metal angle support, and fix the side flanges (through the cladding) into the wooden trimmers. Pass the 200mm adapter ring (crimped end up) upwards into the hole in the top panel of the shielding box, and slide the top shield in under it so that the ring sits on top of the top shield and the top shield rests on the top edges of the inner heat shields of the cabinet. Make sure the back flange of the top shield hooks over the shield on the rear panel. Fix the top shield to the front flange of the top panel with 3 screws.

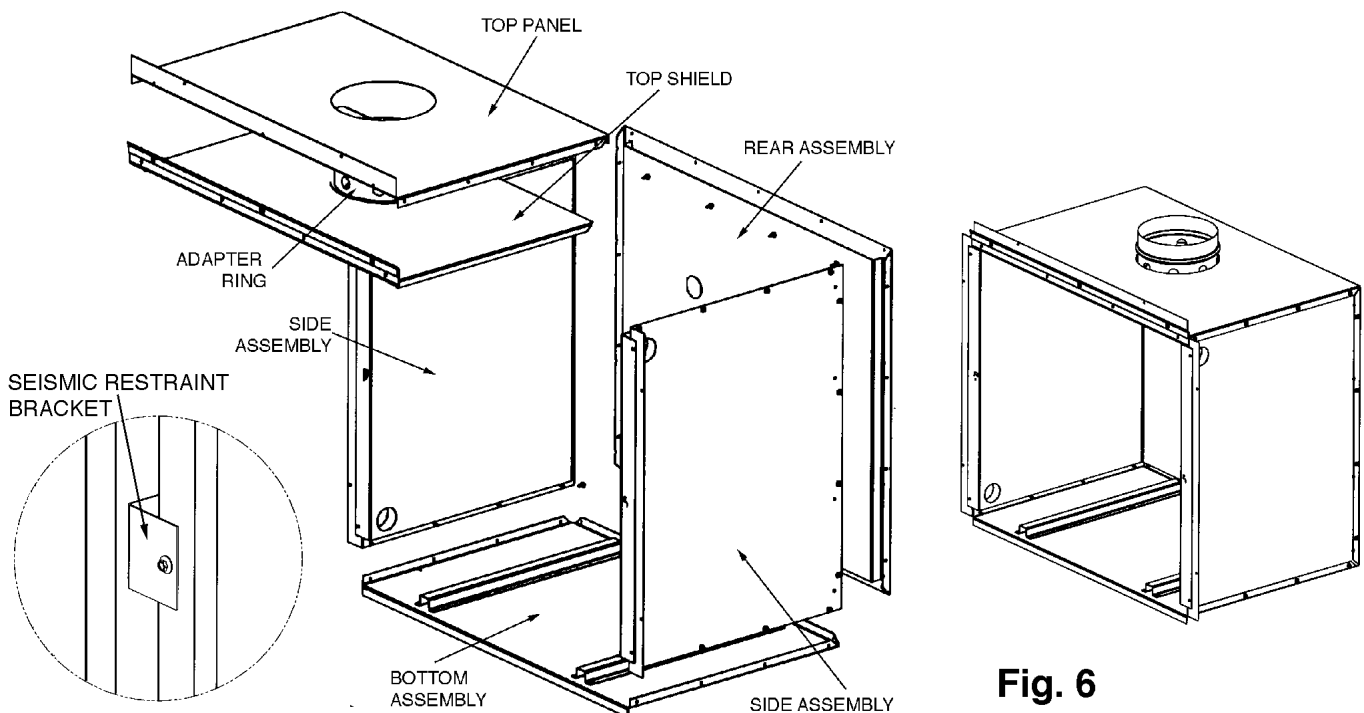


Fig. 6

10. Remove the two retaining screws and slide out the removable top section of the **firebox** cabinet. Fix the seismic restraint brackets at each side of the firebox cabinet (flanges facing outwards), and slide the firebox cabinet into the shielding box. Centralise it and secure the restraint brackets to the shielding box flanges.
11. Lower the assembled flue and **seal and fix it to the flue socket** of the heater. Lower the inner flue heat shield and engage its bottom end with the adapter ring. Lower the outer flue heat shield to sit on top of the shielding box.
12. Fit the two shield bracing angles at either ceiling or roof level as appropriate. Fix a suitable flashing where the outer shield penetrates the roof.
13. **IMPORTANT.** to avoid the risk of a fire, cover the entire open space surrounding the heat shield at ceiling level with wire netting which has a mesh small enough to prevent the entry of birds or vermin into the enclosure.
14. At the top of the flue, fix the flashing cone and fit the flue cowl in the usual way.
15. Re-fit the removable top section of the firebox cabinet and secure it with two screws.
16. Fix the cladding to the enclosure side(s).
17. An un-shielded mantel-shelf may be fitted according to the height and width restrictions shown in Fig. 5. Shelves lower or wider than shown require a metal under-shield (see the installation manual).
18. Remove the standard top rail of the fascia and replace it by the vented one. Remove the bottom bar of the fascia and replace it by the vented bottom rail, taking care to trap the mains lead and grommet between the left end of the bottom rail and the left fascia upright. If necessary, replace the electrical connections at the rear of the fan switch (see installation manual) and ensure that the earth wire is connected to the post behind the Masport badge on the left fascia upright.
19. Fit the fascia by offering it up to the heater about 15 mm above its final position and lowering it, making sure the lip behind the top fascia rail engages in the slot at the top of the shielding box. Fit the six retaining screws.
20. Fit the upper and lower fascia grilles and the firebox door as described in the installation manual.
21. Finish the floor protector by installing an edge trim if desired.

SPECIAL CONSTRUCTIONS:

CONCRETE FLOORS: The above instructions assume that the heater is being assembled on a heat sensitive floor such as timber or particle board. Where the floor is not heat sensitive (e.g. concrete), the insulating floor protector may be omitted. However, if heat sensitive floor coverings are fitted it will be necessary to keep them at a safe distance. The most practical way to do this is to fix tiles to the floor where the floor protector would normally be. This will make the top of the protector approximately flush with the floor covering, so a larger floor protector will be needed. It must extend out to 500 mm from the face of the fireplace surround, but the 935 mm width will be sufficient.

EXTERNAL INSTALLATIONS: In the case where the enclosure is to be erected outside the house, the shielding and flue installation details above will still apply. It is important to remember that the aperture in the wall of the house will need to be sufficiently high to permit the installation of heat resistant panelling in front of the heater to at least 1307 mm above the bottom of the shielding box rails. Suitable foundations will be required to support the weight of the enclosure and the heater and weatherproofing of the entire assembly will be necessary.

BRICK FACED INTERNAL ENCLOSURES:

Flue installation and clearance requirements are as detailed above. Brick wall construction will normally require a cast concrete base slab, so this slab could be extended to provide the necessary floor protection.

CAUTION. If local Building Requirements permit laying the concrete slab on top of a wooden floor, it should be made of lightweight concrete and even then foundation support may be required. In any case, the slab should be poured on top of one layer of Micore 160 board (covered with sheet plastic to keep it dry) to prevent heat damage to the wooden floor. The top surface can be finished with bricks or tiles etc. In all cases the floor protector dimensions must be as previously shown.

As before, the opening for the appliance in the front wall must be 783 mm wide and 735 mm high. Note that the bricks above the opening must extend to at least 1307 mm above the bottom of the shielding box rails.

Fit the shielding box and complete the installation as previously detailed for standard installations.