

THE IRRESISTIBLE FLAMES OF MASPORT



GAS LOG FIRE FLUE MANUAL 2004

552338

ISSUE A, JANUARY 2004



AUSTRALIA

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Masport[®]
gas & wood fires

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Masport

ORDERING

To avoid delays, or the wrong product being despatched when ordering product, please quote the Masport product code and description.

GOODS RETURNED FOR CREDIT

Before goods are returned for credit, approval must be obtained from our Customer Service Team and a Goods Return Authority (GRA) number issued.

- Any goods that are agreed to be faulty or damaged on arrival or supplied in error by Masport Limited will be accepted for return. Masport Limited will either replace or credit these goods.*
- All goods must be returned in original condition & packaging with the Goods Return Authority number clearly marked. Your GRA number will remain valid for 30 days from its issue date. Please return items to our designated warehouse within this timeframe.*
- Items returned to Masport Limited without prior arrangement are subject to a handling fee.*
- Goods returned to Masport Ltd by prior arrangement, may incur the following restocking fees:*

Spare Parts:	20% of net item value (minimum \$5)
Units:	\$25 per unit

A Goods Return Authorisation number can be obtained by contacting our Customer Service Team:

***For installation enquires contact:
your local Retailer / Installer***

***For Parts & Availabilty enquires contact:
1300 366 225 and press 1***

***For Technical enquires contact:
1300 366 225 and press 2***

**MASPORT - AUSTRALIA
PO Box 533, Braeside
Victoria 3195**

Gasfire Flue Kits

Product Description

Part Number

B Vent Gas Flue Kit

552323



Cardrona



Monaco



Geneva (FG38)



Vienna (F33)

This kit contains: Gas Cowl, Outer Liner 900mm, Ceiling Plate, Black Trim Liners 900mm x 3, Inner Flue Crimped 900mm x 3, Inner Flue Plain 900mm x 1.

Will fit Masport Cardrona, Monaco, Geneva & Vienna Gas Fires

Gasfire Flue Kit Installation Instructions

This flue kit has been manufactured in accordance with AS5601 2002. 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 heater specifications and AG601.



- 1 Locate the heater in its proposed position and mark a point on the ceiling that is directly above the centre of the heater flue outlet. Check that the heater location allows the flue outer shield to clear all structural roof timbers.
- 2 Cut a 150mm square hole in the ceiling using centre mark as guide. Directly above cut a 150mm round hole in the roof (or square hole) to accommodate the flue outer heat shield.
- 3 Fit nogs around ceiling and roof holes in ceiling space if required
- 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.

The Flue is required to be at least 500mm above the nearest point on any part of the roof. It is recommended to extend the Flue above the ridgeline as to help prevent down drafting issues. Additional outer heat shields may have to be added to comply with required standards and local wind conditions.
- 5 Fix an appropriate weather seal around the flue outer heat shield and seal on to the roofing material.
- 6 Insert one flue trim length into flue outer heat shield (Ensure swaged end of trim heat shield is facing heater) a sufficient distance to allow the lower flue trim length(s) to be placed on top of the heater. Fix flue trim lengths together ensuring seams are in line.
- 7 Assemble the 100mm galvanized flue pipes together ensuring the seams are in line and the plain end flue is at the heater end using pop rivets or self tapping screws. We recommend sealing all flue joints with appropriate sealer.
- 8 Lift flue trim lengths sufficiently to insert ceiling plate over heater flue spigot ensuring the plate is up the correct way and fit ceiling plate to ceiling using screws provided.
- 9 Lower the 100mm galvanized flue pipes from the roof into the flue outer heat shield and onto the heater flue outlet. Lift the flue trim for access to check connection and recommended sealing.
- 10 Lower Flue Trim onto (secure to heater top with appropriate bracket) or into heater top depending on model
- 11 Ensure inner flue length is 10mm higher than the outer heat shield. Fit gas cowl by pushing over flue outer heat shield.
- 12 Start fire and run for at least 15 minutes check flue spill as shown in installation manual.

**Flue Kit Part
Number:
552323**

Note: It is the responsibility of the installer to ensure that the installation of this flue kit complies with AS5601 2002 and local body requirements.

Will fit Masport Cardrona, Monaco, Geneva & Vienna Gas Fires

Off Set and Extension Kit - B Vent



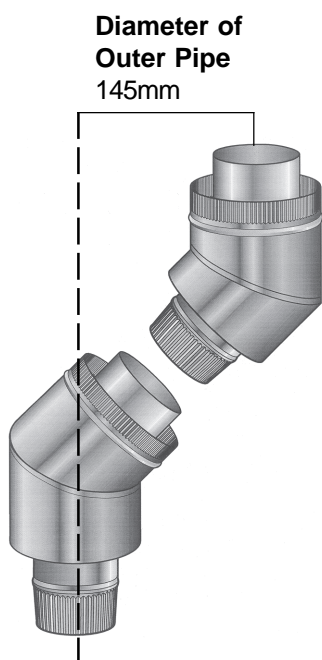
Geneva (FG38)
'B' Vent Only



Cardrona (Baltimore)



Monaco



Diameter of
Outer Pipe
145mm

**Off Set Kit - Room
(Painted)**

Part No: 552332

**Off Set Kit - Roof
(Unpainted)**

Part No: 552333

Inner
100mm x
900mm



Outer
145mm x
900mm

**Extension Kit - Room
(Painted)**

Part No: 552330

**Extension Kit - Roof
(Unpainted)**

Part No: 552331

Will fit Masport Geneva, Cardrona & Monaco Gas Fires

Masonry Chimney B Vent Gas Flue Kit

Product Description

Part Number

Masonry Flue Kit - 5m

552322



556682



Piccolo



Sofia



Madrid



**Masonry Chimney
Extension Kit**
- 100mm x 2.5
metres

Part No: 946-514

This kit contains: Gas Cowl, Chimney Flashing Plate, Upper Flexi Flue, Lower Flexi Adapter, Flexi Flue 5 metre.

Will fit Masport Piccolo, Sofia and Madrid Gas Fires

Masonry Chimney B Vent Gas Flue Kit Installation Instructions



Gas Cowl

This flue kit has been manufactured in accordance with AS5601 2002. To ensure safety this flue kit must be installed as outlined in these instructions. The appliance to which it is connected to must be installed in accordance with its manufacturers specifications.

300 x 400m Chimney Flashing Plate

- 1 Ensure the chimney is clean and free of soot. Check the chimney for structural soundness
- 2 Check the height of the chimney to ensure the flexi-flue liner length is sufficient for installation. Check chimney meets building code for height above closest roofline, as this may cause down draught problems if the chimney is too low.
- 3 Stretch flexi-flue liner to required length (maximum of 5 metres) if extra length is required in the flue, 100mm galvanized pipe lengths can be added (crimped end into the flexi-flue) or using an additional length of flexi-flue by adding a flexi-flue joiner.
- 4 Secure upper flexi-flue adapter to flexi-flue (crimped end down) by riveting with a washer under the rivet or self-taping screws (not supplied in kit).
- 5 Insert Upper Flexi-Flue Adapter into Chimney Flashing Plate and ensuring top of adapter is flush with top of plate. Secure with rivets or screws (not supplied) ensuring fastening (rivets or screws are at least 60mm below the top.
- 6 Lower the flexi-flue into chimney
- 7 Secure chimney flashing plate to chimney using concrete nails or similar (not supplied in kit). Weather-seal the chimney flashing plate using mortar or silicone.

Flexi Flue

- 8 Fit and secure gas cowl.
- 9 Secure flexi-flue to draft diverter spigot using rivets or self tapping screws.

Lower Flexi Flue Adaptor



**Masonry Chimney
Extension Kit
- 100m x 2. metres**

Part No: 946-514

Flue Kit Part Number: 552322

Note: It is the responsibility of the Installer to ensure that the installation of this flue kit complies with local body and AS5601 2002 standards.

Will fit Masport Piccolo, Sofia , Madrid Gas Fires

Inbuilt Zero Clearance B Vent Gas Flue Kit

Product Description

Part Number

Zero Clearance
Flue Kit

552327

556681



Piccolo



Sofia



Madrid

This kit contains: Gas Cowl, Outer Liner 900mm x 4,
Inner Flue Crimped 900mm x 4

Will fit Masport Piccolo, Sofia, Madrid Gas Fires

Inbuilt Zero Clearance Gas B Vent Flue Kit Installation Instructions



556681

Gas Cowl

Inner Flue
100mm dia x
900mm x 4

Outer Heat
Shield
150mm dia
x 900mm x 4

This flue kit has been manufactured in accordance with AS5601 2002. To ensure safety this flue kit must be installed as outlined in these instructions. Heater and flue clearances from combustible walls and timber framing must be in accordance with Masport specifications.

- 1 Locate the heater and zero clearance box in the proposed position and mark the point for penetration that is directly above the centre of the heater flue outlet. Check that the heater location allows the flue outer heat shield to clear all combustibles and timber framing by 25mm.
- 2 Cut a 200mm square hole where penetration is required using mark as guide. Fit non-combustible nogs in the ceiling space if required.
- 3 Measure overall flue length required. Assemble outer heat shield lengths together and secure with pop rivets or self-taping screws. Lower outer heat shield through the roof or false chimney chase and secure to top of zero clearance box.

The flue is required to be at least 500mm above the nearest point on any part of the roof. It is recommended that extending the flue above the ridgeline will help with down drafting issues. Refer to AS5601 2002 for more information.

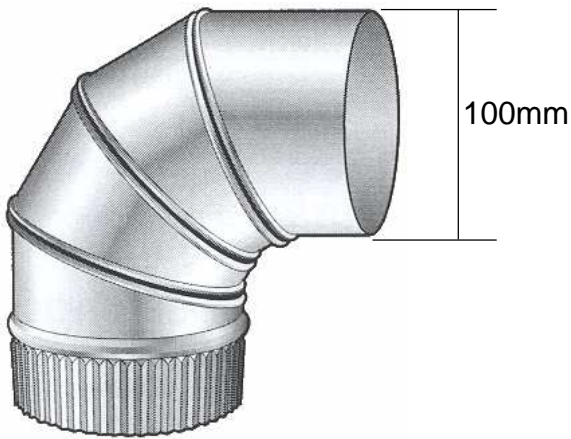
- 4 Assemble the 100mm galvanized flue pipes together using pop rivets or self tapping screws to secure. We recommend all flue joints be sealed. Lower the 100mm galvanized flue length from the roof through the flue outer heat shield and locate onto heater flue stub.
- 5 Fix an appropriate weather shield around the flue outer heat shield and seal to roof or chimney material with appropriate sealer.
- 6 Check 100mm galvanized inner flue length at top of flue outer heat shield at fit gas cowl.
- 7 Start heater and run for at least 15 minutes and check for flue spill where possible

Flue Kit Part Number: 552327

Note: It is the installer's responsibility to ensure that the installation complies with AS5601 2002 and all local body regulations.

Will fit Masport Piccolo, Sofia, Madrid Gas Fires

Extension and Parts List - B Vent



100mm Bend
Part No: 551496



B Vent Cowl
Part No: 556681



**Chimney Flashing Plate
and Cowl Kit**
Part No: 556682



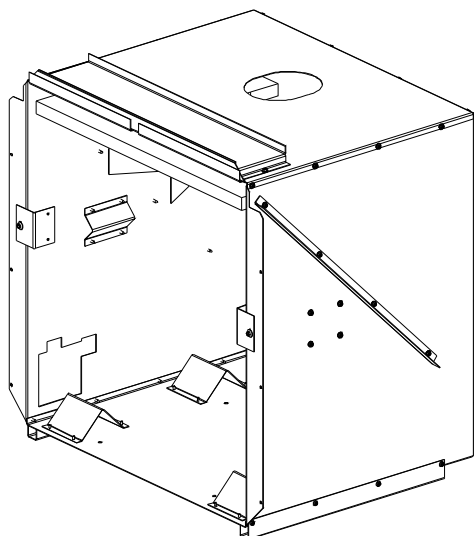
**100mm x 900mm
Galvanized Flue
Length**
Part No: 586097



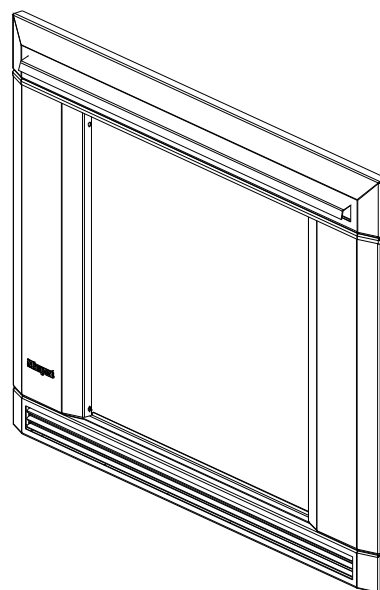
**Expandable to
100mm x
2 metres**

**Masonry Chimney
Extension Kit**
Part No: 946-514

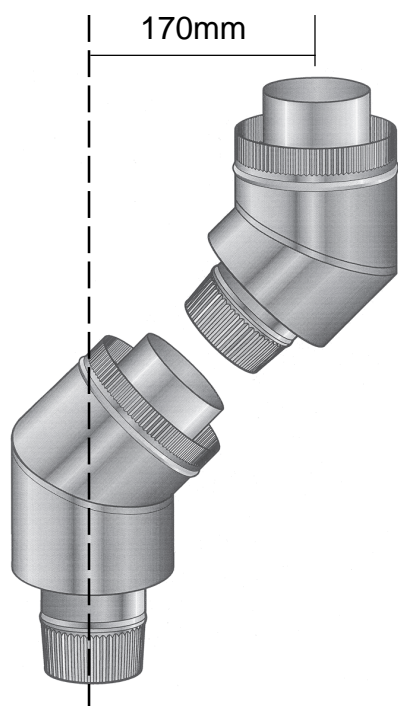
Inbuilt Zero Clearance Kit and Accessories - B Vent



**Zero Clearance Box
for Piccolo, Sofia & Madrid**
Part No: 990940



Zero Clearance Fascia
Piccolo Part No: 990941
Sofia Part No: 990939
Madrid Part No: 990943



Offset Kit
Part No: 552333 - Galvanised
Offset Kit
Part No: 552332 - Black



Extension Kit - 900mm
Part No: 552331 - Galvanised
Extension Kit - 900mm
Part No: 552330 - Black

Will fit Masport Piccolo, Sofia & Madrid Gas Fires

Direct Vent Top Exit Vertical Flue Kit

Product Description

Part Number

DV Top Exit Vertical
Flue Kit

552324



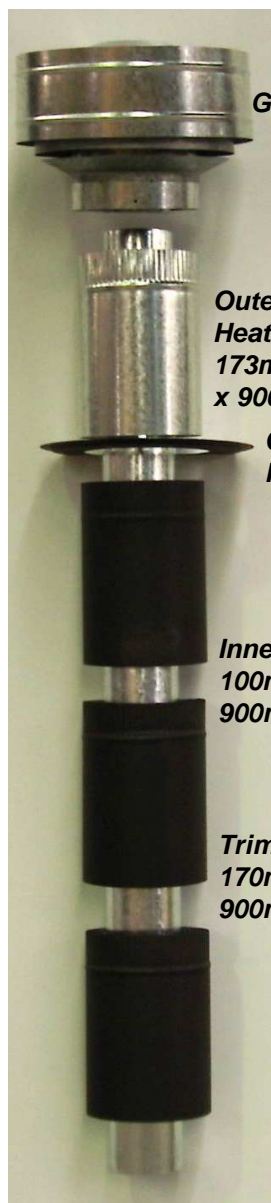
Geneva (FG39) Direct Vent Top Exit

This kit contains: Gas Cowl DV, Slip Liner, Outer Liner 900mm, Ceiling Plate, Trim Liners 900mm x 3, Inner Flue Crimped 900mm x 4, Mil-Pac Sealant x 1

Will fit Masport Geneva Direct Vent Gas Fires

Direct Vent Top Exit Vertical Flue Kit Installation Instructions

This flue kit has been manufactured in accordance with AS5601 2002. To ensure safety this flue kit must be installed as outlined in these instructions. Heater and flue clearances from combustibles must be in accordance with Masport specifications and AG601.



- 1 Locate the heater in its proposed position and mark a point on the ceiling that is directly above the centre of the heaters flue outlet. Check the heater location allows the flue outer heat shield to clear all structural roof timbers by **40mm minimum**.
- 2 Cut a 250mm square hole in the ceiling using the centre mark as a guide. Directly above cut a round or square 250mm hole in the roof material to accommodate the flue outer shield.
- 3 Fit the **non-combustible** noggs around the holes in the ceiling space if required.
- 4 Measure overall length of flue outer slip heat shield and coloured flue trim required. Fix flue outer slip heat shield length(s) to the painted flue trim length(s), ensuring swaged ends are uppermost, with three pop rivets or self-taping screws. Insert assembled lengths up through ceiling hole. Fix additional painted flue trim lengths and continue to raise through roof cavity. Check the height of the flue outer shield penetrates the roof structure by 500mm minimum.

The flue is required to be at least 500mm above the nearest point on any part of the roof. It is recommended extending the flue above the ridgeline. Refer to AG601 for more information. Additional flue heat shields may have to be added to ensure minimum flue height is achieved.

- 5 Lift flue outer trim and slide ceiling plate under trim length ensuring it is the correct way up, secure to the ceiling using screws supplied.
- 6 Assemble the 100mm galvanized flue pipes together ensuring all joints are fully sealed with Milpac flue sealer (supplied) and plane ends at both ends of the flue. Use pop rivets or self-taping screws to secure.
- 7 Lower 100mm galvanized flue pipes from the roof into the flue outer shield and onto the heater flue outlet, ensure Milpac sealer is used on the heater stub. The flue outer shield can be lifted to assist inner flue location.
- 8 Slip flue outer trim over external flue outlet on fire
- 9 Fix an appropriate weather shield around the flue outer slip heat shield.
- 10 Ensure the Inner flue pipe is the correct length prior to fitting the gas cowl, the outer slip heat shield will accomodate this.
- 11 Seal weather shield to roof with appropriate sealer.
- 12 Run fire for at least 15 minutes to check for inner flue leaks (fire will drop out completely should inner flue not be sealed correctly)

**Flue Kit Part Number:
552324**

Note: it is the responsibility of the installer to ensure that the installation of this flue system complies with AS5601 2002 and all local body requirements

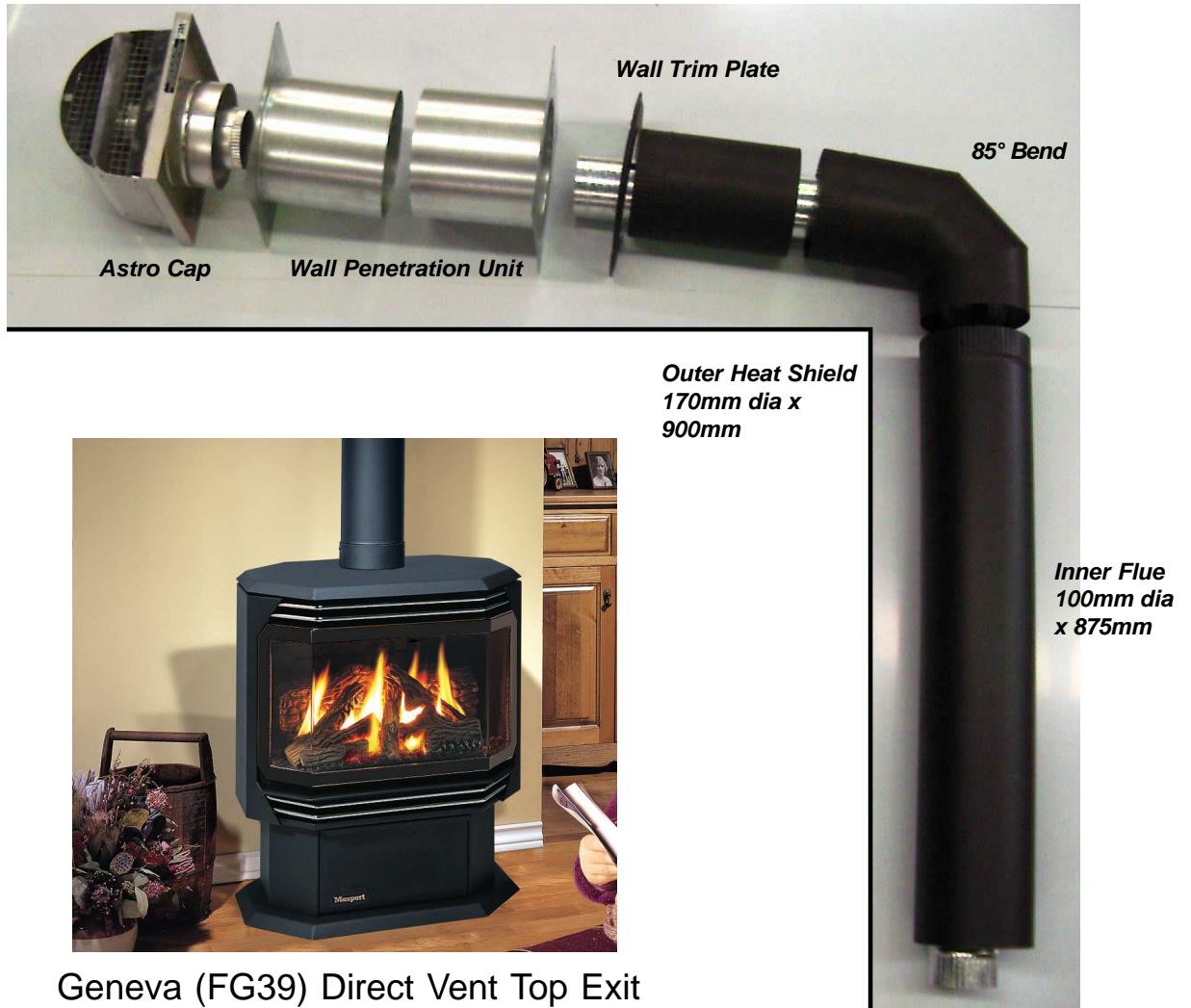
Will fit all Masport Geneva Direct Vent Gas Fires

Direct Vent Top Exit Horizontal Flue Kit

Product Description	Part Number
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DV Top Exit Horizontal
Flue Kit

552326 / 946-122



This kit contains: Astro Cap, Wall Penetration Unit, Wall Trim Plate, Trim Liner 300mm, Inner Flue 300mm, 85° Outer Bend, 85° Inner Flue Bend, Inner Flue 875mm, Outer Trim Flue 900mm, Mil-Pac Sealant x 1

WARNING:

When installing in a high wind situation, common sense must prevail. Choose a sheltered side of the house.

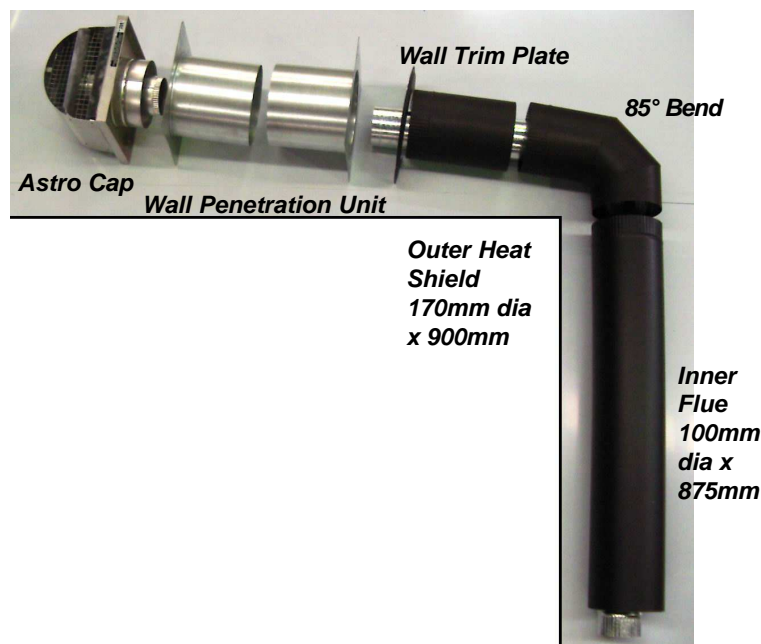
A non-combustible water ingress shelf will need to be fitted 200mm above the terminal to prevent water ingress in extreme conditions or where no soffit shelters the terminal.

This product will fit Masport Geneva Direct Vent Gas Fires

Direct Vent Top Exit Horizontal Flue Kit Installation Instructions

This flue kit has been manufactured in accordance with AS5601 2002. To ensure safety, this flue kit must be installed as outlined in these instructions. Heater and flue clearances must be in accordance with Masport and local body instructions.

- 1 Locate the heater in its proposed position and mark the wall above it to the minimum or maximum allowable flue length with the horizontal bend temporarily fitted allowing a 10mm rise in the horizontal run as per the installation manual supplied with the fire. A 10mm rise is required from the centre of the 90-degree bend to ensure flue and fire does not over heat causing a fire hazard. Check the horizontal run length does not exceed measurement supplied in installation manual.
- 2 Check the heater installation allows the thru-wall penetration unit to clear all structural wall timbers and Astro gas cowl clearances as per installation instructions supplied with fire.
- 3 Cut a 250mm square hole through the combustible wall surface using a mark as a centreline. Nog if necessary for structural support. **A minimum 40mm clearance is required from the outer heat shield and all combustible surfaces.** (Should penetration be through a non-combustible wall the thru-wall penetration unit is not required and a 178mm hole is required only)
- 4 Measure the overall depth of the wall and if necessary trim thru-wall penetration unit to required length. Fix thru-wall penetration unit to wall structure; secure the square flange to the outer surface of the external wall with appropriate fasteners. Fix to inner wall similarly.
- 5 Fit galvanized bend inside outer heat shield bend then, fix 100mm galvanized flue length (remembering to seal all inner flue joints with Milpac sealer supplied) and flue bend to required length using pop rivets or self tapping screws.
- 6 Fix outer heat shield trim length(s) to outer heat shield bend using pop rivets or self tapping screws
- 7 Fix wall trim plate to wall with screws supplied
- 8 Apply Milpac sealer to inner flue stub of the heater. Fix inner flue and heat shield trim lengths to heater stubs and inserting through wall penetration.
- 9 Apply Milpac sealer to flue stub of wall penetration Astro cowl and insert cowl through wall ensuring flue stub of cowl fits inside flue.
- 10 Seal all external joints with appropriate sealer to weatherproof.
- 11 Check air restrictor setting inside heater as per installation manual and start heater. Run heater for at least 15 minutes to test inner flue seal (should heater drop out completely inner flue is leaking)



**Flue Kit Part
Number: 552326**

Note: It is the installer's responsibility to ensure the installation complies with AS5601 2002 and all local body regulations

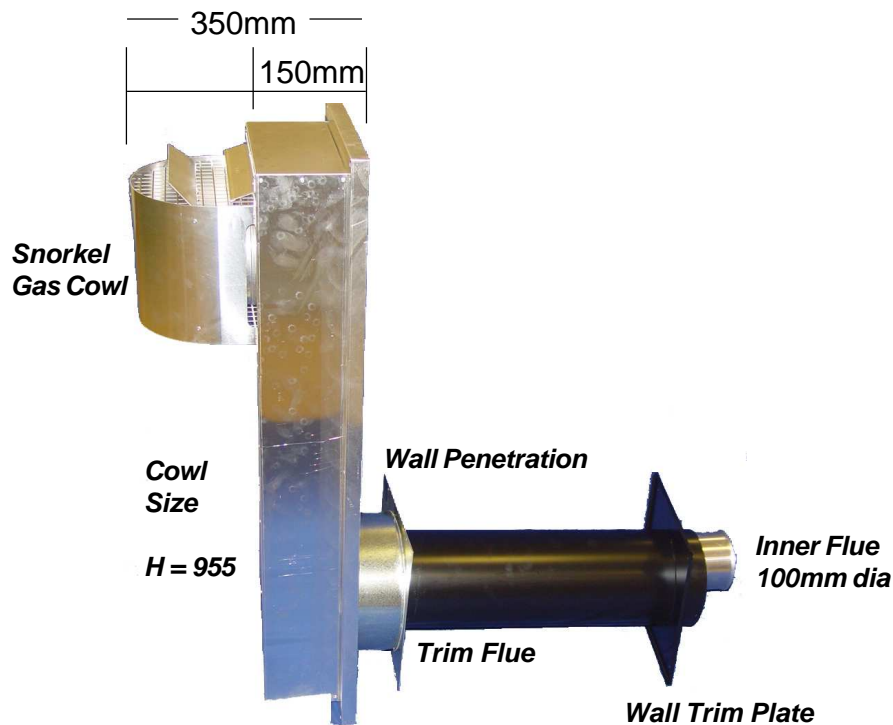
Will fit Masport Geneva Direct Vent Gas Fires

Direct Vent Rear Exit Horizontal Flue Kit

Product Description	Part Number
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DV Rear Exit Horizontal
Flue Kit

946-120



This kit contains: Snorkel Cowl DV, Wall Penetration Unit, Wall Trim Kit, Screws and Spacers x 4, Telescopic Trim Flue 300mm x 2, Inner Flue 400mm, Mil-Pac Sealant x 1



DV Corner Installation
Bend Kit

588655 / 946-204 (painted)



Geneva (FG37)
Direct Vent Rear Exit

WARNING:

When installing in a high wind situation, common sense must prevail. Choose a sheltered side of the house.

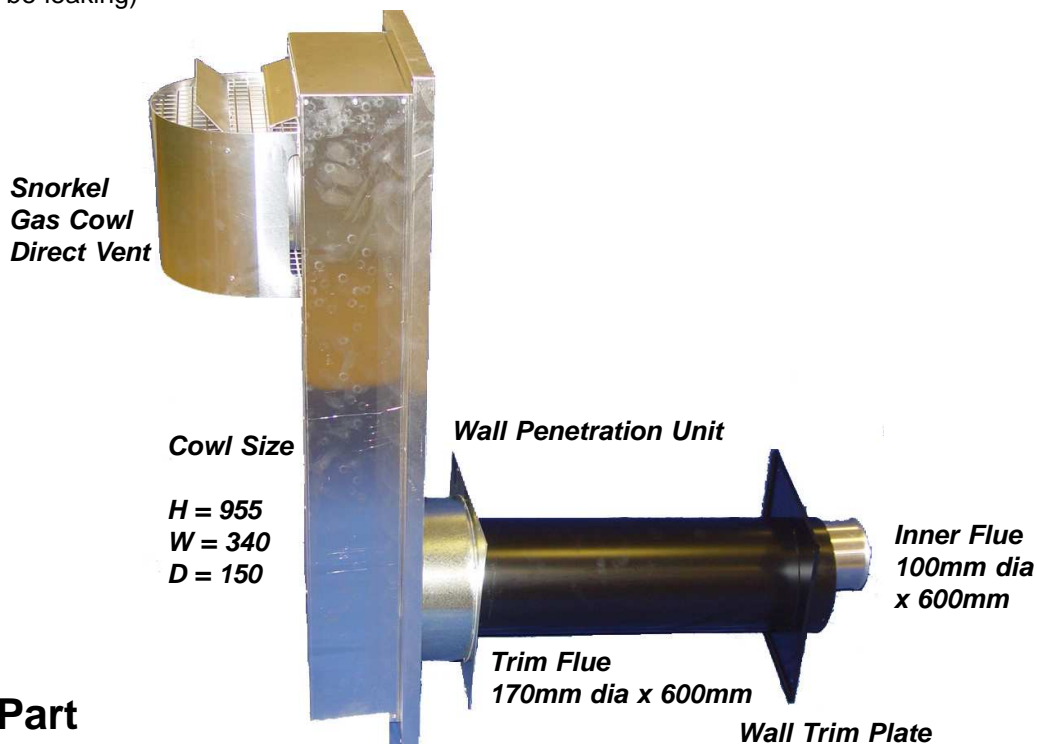
A non-combustible water ingress shelf will need to be fitted 200mm above the terminal to prevent water ingress in extreme conditions or where no soffit shelters the terminal.

This flue will fit Masport Geneva Rear Exit Direct Vent Gas Fires

DV Rear Exit Horizontal Flue Kit Installation Instructions

This flue kit has been manufactured in accordance with AS5601 2002. To ensure safety this flue kit must be installed in accordance with Masport specifications and local body regulations.

- 1 Locate the heater in its proposed position and mark a point 10mm higher on the wall directly behind the heaters centre flue outlet, (the 10mm difference is to ensure the flue system rises or an overheat and heater failure will occur causing a fire hazard). Check that the heaters location allows the thru-wall penetration unit to clear all structural wall timbers as well as required gas cowl clearances. Check minimum-maximum flue length is strictly followed as specified in heater installation manual.
- 2 Cut a 250mm square hole through the combustible wall structure using a mark as a centreline. Nog if necessary for structural support. **A minimum of 40mm clearance is required from the flue outer heat shield and all combustible surfaces.** (Should penetration be through a non-combustible wall the thru-wall penetration unit is not required and a 178mm hole is required only)
- 3 Measure the overall depth of the combustible wall and if necessary slide-trim thru-wall penetration unit to the required length. Fix thru-wall penetration unit through wall structure, securing the square flange to the outer surface of the external wall with appropriate fasteners (not supplied). Fix to inner wall similarly.
- 4 Measure distance of heater stub to outside surface of wall and cut 100mm galvanized flue if necessary (note the 100mm flue supplied is the maximum allowed). Fix the 100mm flue pipe to the gas cowl ensuring flue joint is sealed with Milpac flue sealer supplied.
- 5 Fix the 170mm outer painted heat shield to the heater. Place painted wall plate over painted heat shield.
- 6 Slide 100mm inner flue with gas cowl connected through from outside and secure to wall and weather proof all outer joins. Seal inner flue pipe with Milpac before sliding heater back to connect system.
- 7 Fasten wall trim plate with screws
- 8 Start heater and run for at least 15 minutes to ensure inner flue is sealed (heater will drop out completely should inner flue be leaking)



**Flue Kit Part
Number: 946-120**

Note: it is the installer's responsibility to ensure that the installation complies with AS5601 2002 and all local body requirements.

Will fit Geneva Rear Exit Direct Vent Gas Fires

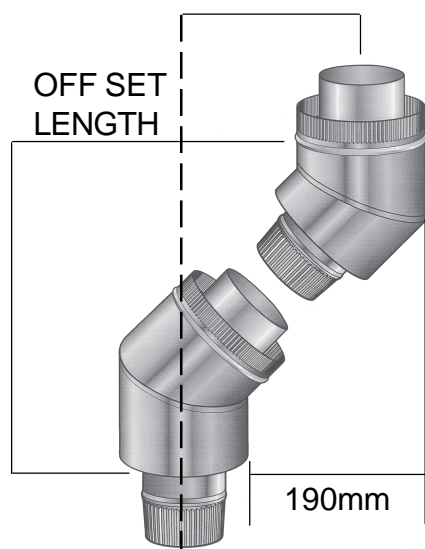
Direct Vent Off Set and Extension Kit



Geneva Direct Vent
559324



Grenada (PG36)



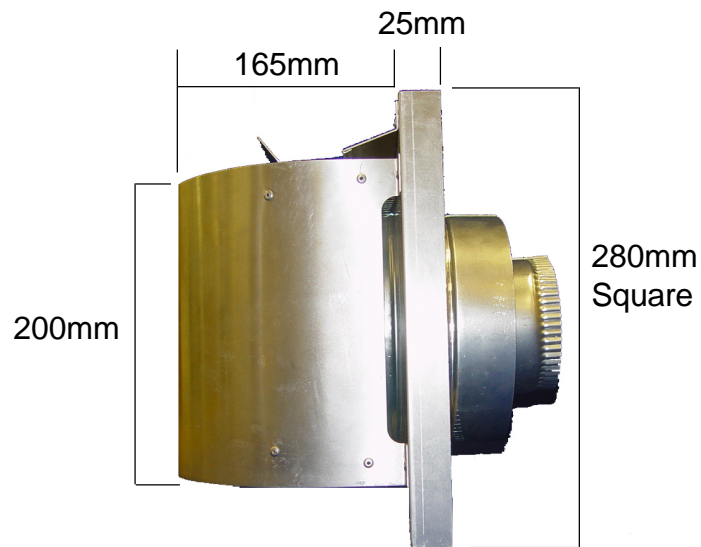
Off Set Kit - Room/Roof
Part No: 552335 - Galvanised
Off Set Kit - Room/Roof
Part No: 552336 - Painted



**Extension Kit - Room
(Painted)**
Part No: 552334
**Extension Kit - Roof
(Unpainted)**
Part No: 588674

Will fit Masport Geneva, Roma, Grenada Gas Fires

Gas Flue Kit Accessories - D Vent



**Direct Vent Astro Cowl -
Horizontal Termination**
Part No: 946-578/P



**Direct Vent Cowl
- Vertical Termination**
Part No: 556679

Direct Vent Zero Clearance Top Exit Vertical Flue Kit

Product Description

Part Number

**DV Zero Clearance
Top Exit Vertical Flue Kit**

552325



Grenada (PG36)



Newport (PG121)



Newport Pier (PG131)

This kit contains: Gas Cowl DV, Slip Liner, Outer Liner 900mm x 4, Inner Flue Crimped 900mm x 4, Mil-Pac Sealant x 1

Will fit Masport Grenada, Newport & Newport Pier Direct Vent Gas Fires

Direct Vent Zero Clearance Top Exit Vertical Flue Kit Installation Instructions



Gas Cowl

Inner Flue
100mm dia x
900mm x 4

Outer Heat
Shield
170mm dia
x 900mm x 4

This flue kit has been manufactured in accordance with AS5601 2002. To ensure safety this flue kit must be installed as outlined in these instructions. Heater and flue clearances from combustible walls and framing must be in accordance with Masport specifications.

1. Locate the heater in its proposed position and mark the point for penetration directly above the centre of the heaters flue outlet. Check that the heater location allows the outer heat shield to clear all structural timbers and combustible surfaces by **40mm minimum**.
2. Cut a 250mm Square hole where penetration is required using a mark as a guide. Fit **non-combustible** nogs in the ceiling space if required.
3. Measure overall length of outer heat shield and inner flue required. Fix outer heat shield lengths together using pop rivets or self-taping screws. Insert assembled lengths up through penetration hole; continue to add outer heat shield lengths.

The flue is required to be at least 500mm above the nearest point of the roof. It is recommended that in some instances, extending the flue above the ridgeline will be necessary. Refer to AS5601 2002 for more information.

4. Assemble the 100mm galvanized flue lengths together using pop rivets or self tapping screws ensuring all joints are sealed with Milpac sealer supplied. Lower the 100mm galvanized flue from the roof into the outer heat shield and onto the inner heater stub. Lift the outer heat shield to seal the inner heater flue stub with Milpac sealer supplied. Fix outer heat shield to heater stub.
5. Fit an appropriate weather seal around the flue Outer Heat Shield and seal to roofing material with appropriate sealer.
6. Check inner flue height at the top of the outer heat shield and fit gas cowl.
7. Start heater and run for at least 15 minutes to check inner flue seal (should heater drop out completely the inner flue is leaking)

Flue Kit Part Number: 558325

Note: It is the installer's responsibility to ensure that the installation complies with AS5601 2002 and all local body requirements

Will fit Masport Grenada, Newport & Newport Pier Direct Vent Gas Fires

Direct Vent Inbuilt Horizontal Flue Kit

Product Description

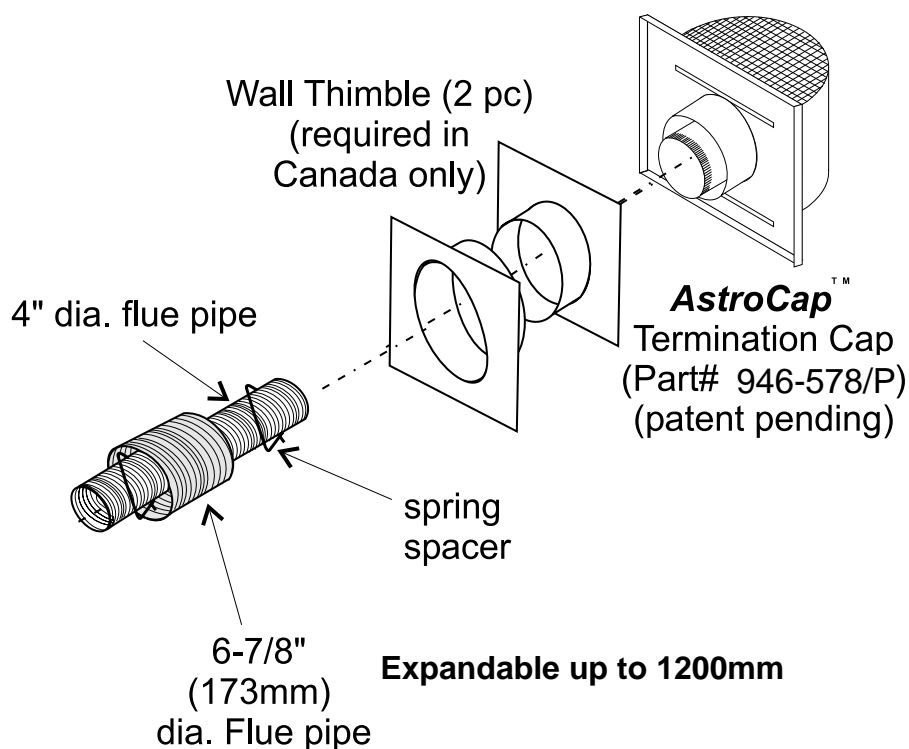
Part Number

DV Horizontal Flue Kit

946-125



Grenada (PG36)



Newport Pier (P131)



Newport (PG121)

This kit contains: Astrocap (patent pending), Wall Thimble, 102mm dia. flue pipe, 175mm dia. flue pipe, Mil-Pac Sealant

WARNING:

When installing in a high wind situation, common sense must prevail. Choose a sheltered side of the house.

A non-combustible water ingress shelf will need to be fitted 200mm above the terminal to prevent water ingress in extreme conditions or where no soffit shelters the terminal.

Will fit Grenada, Calais, Newport and Newport Pier Direct Vent Gas Fires

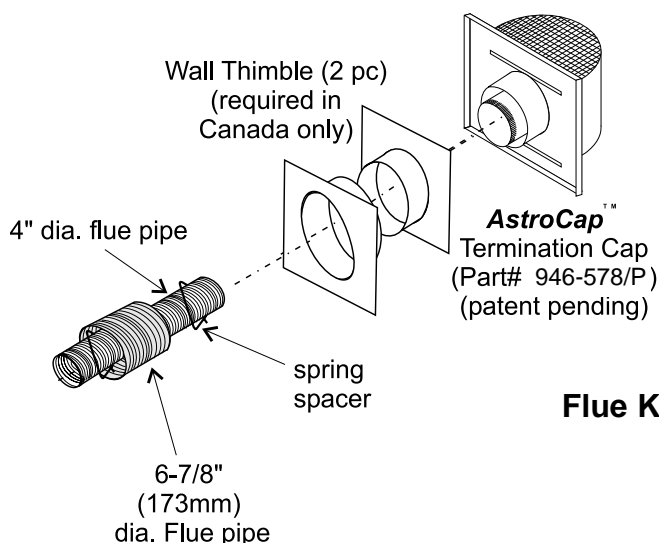
Direct Vent Zero Clearance Top and Rear Exit Horizontal Flue Kit Installation Instructions

This flue kit has been manufactured in accordance with AS5601 2002. To ensure safety this kit must be installed as outlined in these instructions. Heater and flue clearances from combustible surfaces and framing timber must be in accordance with Masport specifications. Note this flexi flue kit is only approved for horizontal installations.

- 1 Locate the heater in its proposed position and mark a position on the wall at 1029mm from the floor (or 1072mm for the Newport), which will be the centreline for the flexi flue. Check that the heaters location allows the thru wall penetration unit to clear all structural timber and the Astro flue cowl clearances complies with AS5601 2002 requirements as shown in the owners manual supplied with the heater.
- 2 Cut a 250mm square hole through the wall structure using a mark as a centerline. Nog if necessary for structural support. **A minimum of 50mm clearance is required between flexi flue outer heat shield and any combustible material.**
- 3 Measure overall flue length to ensure it complies with the minimum or maximum allowable length as shown in the owner manual supplied with the heater.
- 4 Assemble the Flexi flue system by applying Milpac sealer (supplied) to the inner collar of the Astro cowl and slipping the 100mm inner flexi liner over it by at least 35mm. Secure with three screws supplied (drill pilot holes first). Apply Milpac sealer to the 175mm flexi flue outer heat shield and slip it over the 170mm outer stub of the Astro cowl at least 35mm and secure with three screws supplied.

Note all flue joints must be sealed with the Milpac sealer supplied and the flue must rise from the heater a minimum of 10mm over every 600mm length of flue.

- 5 Separate the two halves of the Thru Wall Penetration Unit and secure the one with the tabs to the outside wall making sure the tabs are on the top and bottom. Secure the other thru wall penetration half to the inside wall (the halves slip inside each other). An intermediate shield may have to be added depending on wall depth (not supplied).
- 6 Inset the flexi flue through the wall penetration from outside. Pull the inner and outer flexi flue lengths out enough to slip over the flue collars of the heater (you may need to cut the liners to make it more workable). Do not bend the flexi flue more than 90 degrees. Apply Milpac sealer over the heater inner and outer collar. Slip the 100mm inner flexi flue over the collar and secure with three screws supplied, repeat the process for the flexi flue outer heat shield.
- 7 Seal around the Astro cowl on the outside wall to ensure water tightness
- 8 Start fire and run for at least 15 minutes to check inner flue seal (should fire drop out completely the inner flue is leaking)



Flue Kit Part Number: 946-125

Note: It is the installer's responsibility to ensure that the installation complies with AS5601 2002 and all local body requirements

Will fit Grenada, Calais, Newport and Newport Pier Direct Vent Gas Fires