

Wind Reduction Cowl System

Cowl System for High Wind and/or Inversion Risk Regions

Installation Instructions



Visit www.warmington.co.nz for specs, DWGs and PDF uploads of fires

Fire and flue system to comply with AS/NZS 2918:2001 & Building Code C/AS1 7.5 Open Fires

Keep these instructions for further reference. Ensure that you have the correct and current installation details for the Warmington Fire.

Installation

The Warmington unit is to be installed by a certified Warmington installer or an approved NZHHA installation technician.

IMPORTANT

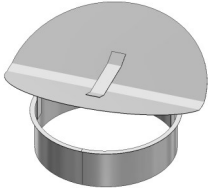
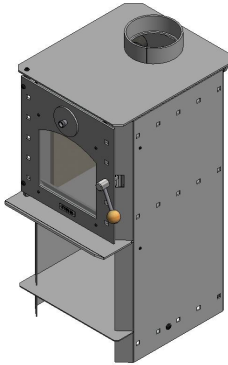

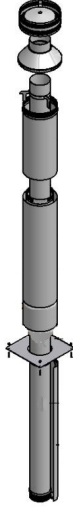
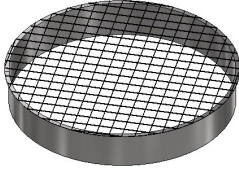
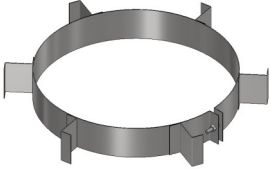
Read all the instructions carefully before commencing the installation. Failure to follow these instructions may result in a fire hazard and void the warranty.

Due to continued product improvement, Warmington Ltd reserves the right to change product specifications without prior notification.

All dimensions are in mm

Copyright

COMPONENTS REQUIRED FOR CONSTRUCTION

Supplied	No:	NOT Supplied (sold separately)	No:
Butterfly cowl 	1	Warmington Appliance eg. 	1
Cowl perforated cover 	1	Warmington Flue kit 	1
Top cover 	1	Flashing (s)	
Spacers 	2	Installation	

Due to continued product improvement, Warmington Ind LTD reserves the right to change product specifications without prior notification.

All dimensions are in mm

WIND REDUCTION COWL SIZES

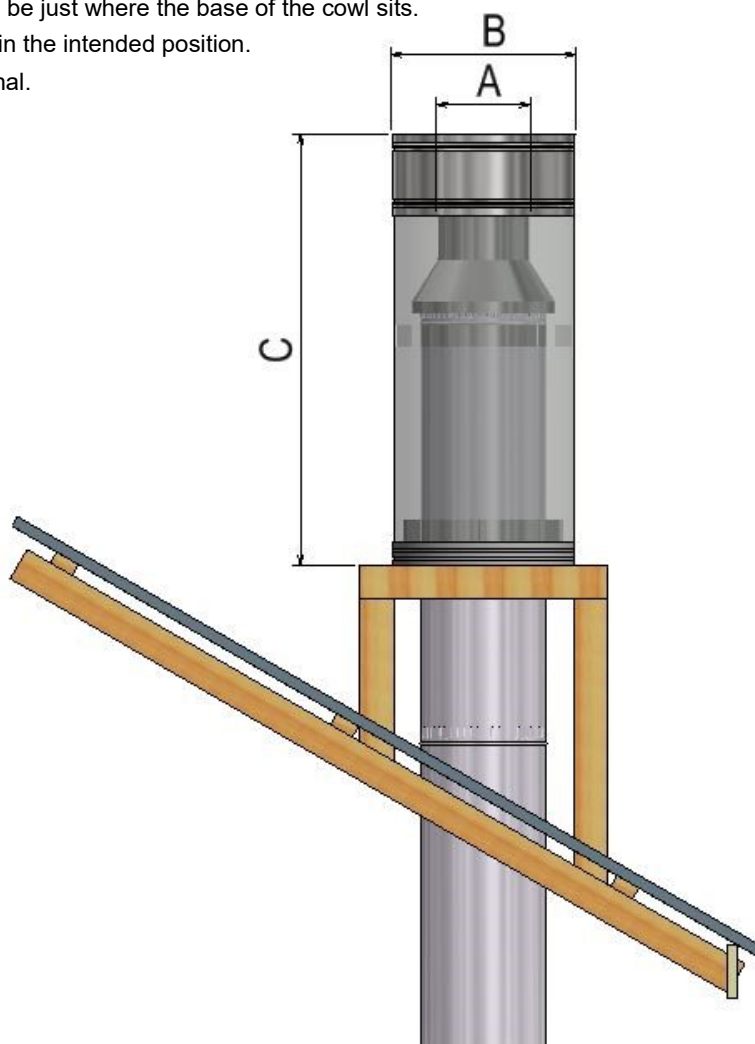
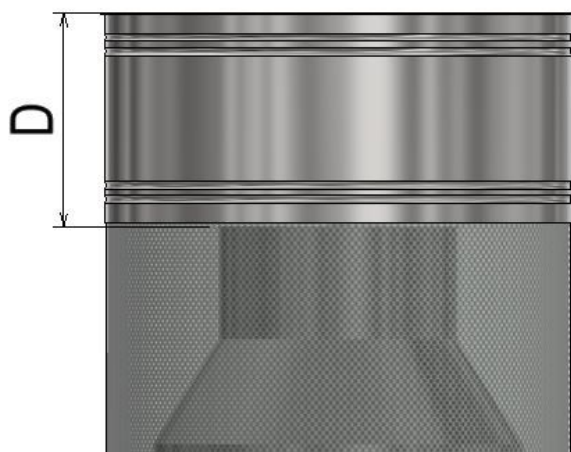
Flue size		Cowl System Dimensions						
		150	200	250	300	350	400	450
Butterfly cowl size	A	150	200	250	300	350	400	450
Cowl cover dia (mm)	B	400	450	500	550	600	650	700
Spacer size (mm)		250-400	300-450	350-500	400-550	450-600	500-650	550-700
Cowl cover height (mm)	C	1200	1200	1200	1200	1200	1200	1200
Cowl offset Y (mm)	D	200	230	260	290	320	350	380
Weight (kg)		12	14	16	18	20	22	24

INSTALLATION

Prior to installation, establish the required height of the flue system (according to AS/NZS 2918 4.9.1 and practical requirements). Ensure the offset height (Y dimension) of the cowl from the flue is taken into account at this stage. Additional height from the cowl length (1200mm) can be gained above the roof line, either by building an additional chase structure, or by purchasing an extra liner of the same diameter as the cowl cover and cutting it to required length on site. Note: the cowl is not intended to penetrate the roof and therefore does not require extra flashing.

To install:

- Install Warmington appliance and flue kit as per instructions supplied with the fire. Complete any flashings as required. Note: the flashing cone (or venting cone) should be installed before installing the cowl.
- Drop the supplied butterfly cowl into the flue and rivet through the cone and flue to secure in place.
- Attach the supplied cowl's 2x spacers to the last section of outer liner. For ideal rigidity, the upper spacer should be as high as possible on the liner, while the lower spacer should be just where the base of the cowl sits.
- Drop the cowl cover down and rivet to the spacers in the intended position.
- Fit the top cover in place. Riveting in place is optional.



Due to continued product improvement, Warmington Ind LTD reserves the right to change product specifications without prior notification.

All dimensions are in mm

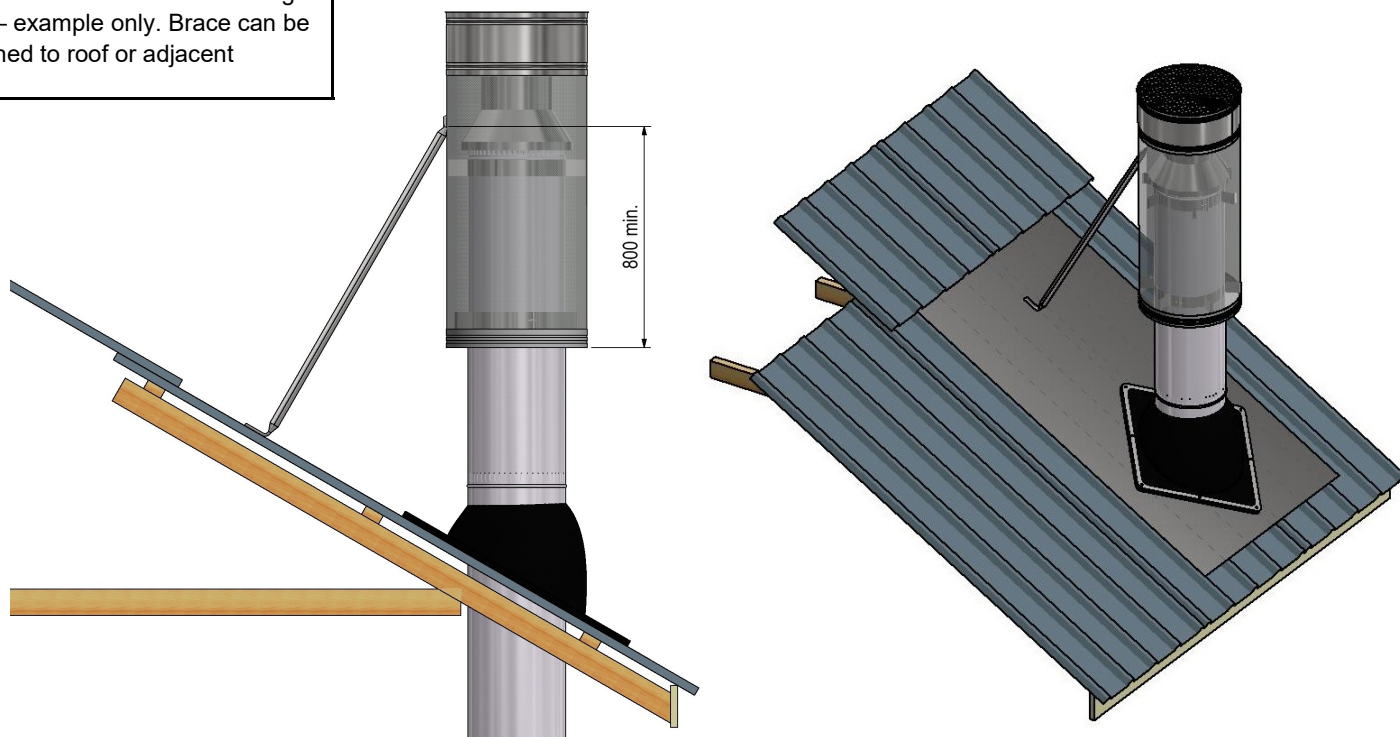
Copyright

SCENARIO 1– FREESTANDING

If the cowl is to be freestanding/ unsupported at the base, the system must be braced. Brace the cowl at a minimum of 800mm above the base of the cowl (two thirds of the way up). The flashing must comply to section E2 of NZ Building Code. See Warmington firebox specifications for further details.

Note:

Brace shown attached to flashing plate– example only. Brace can be attached to roof or adjacent

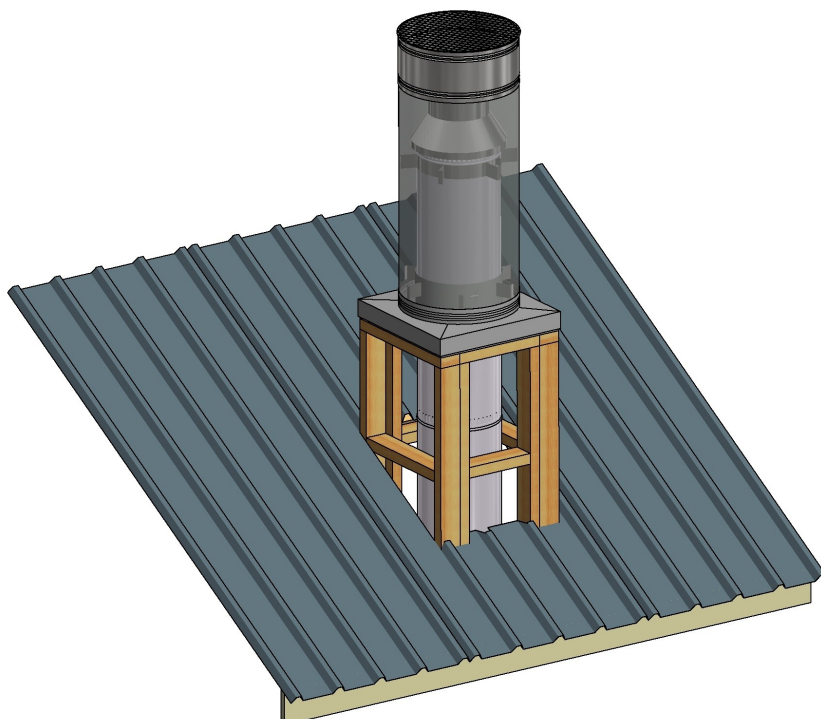


SCENARIO 2– WITH ADDITIONAL CHASE STRUCTURE

If an additional chimney chase structure is built for the cowl to rest on, bracing is not required. The chase structure and flashing must comply to section E2 of NZ Building Code. See Warmington firebox specifications for further details on chase requirements and flashings.

Note:

Covering on chimney chase not shown in this view



Due to continued product improvement, Warmington Ind LTD reserves the right to change product specifications without prior notification.

All dimensions are in mm

Copyright