HEATMASTER

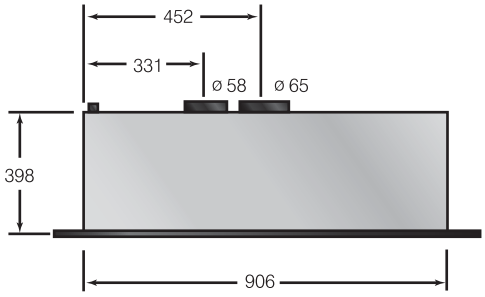
enviro 17

Quick Step Installation Manual

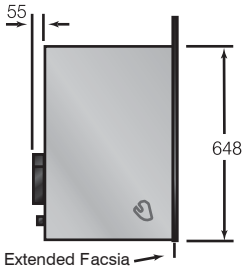
enviro

www.heatmaster.com.au

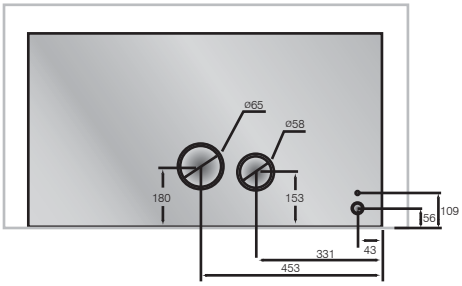
Firebox dimensions



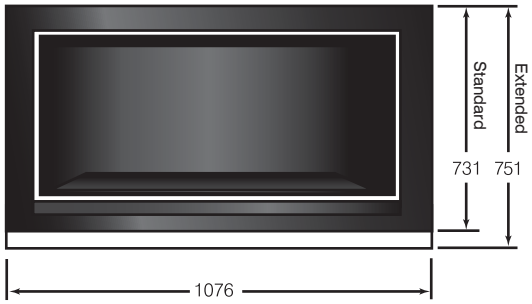
Top view in mm



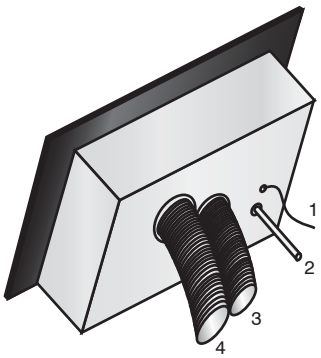
Side view in mm



Back view in mm



Front view including fascia in mm



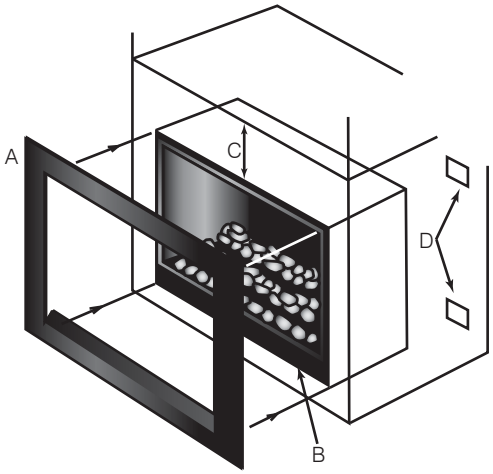
1 – Electrical power cable (Requires isolation switch)

2 – Incoming gas connection (1/2" BSP Male connector)

3 – Extraction fan

4 – Incoming air

Gas imput
High 42 MJ/h Low 32 MJ/h



A – Fascia attaches to the front of the firebox to finish flush with the wall

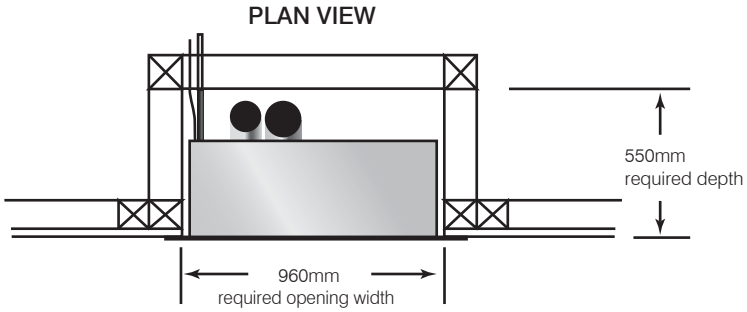
B – Your choice of pebbles, coals or logs placed into the firebox. Do not obscure the gas outlets

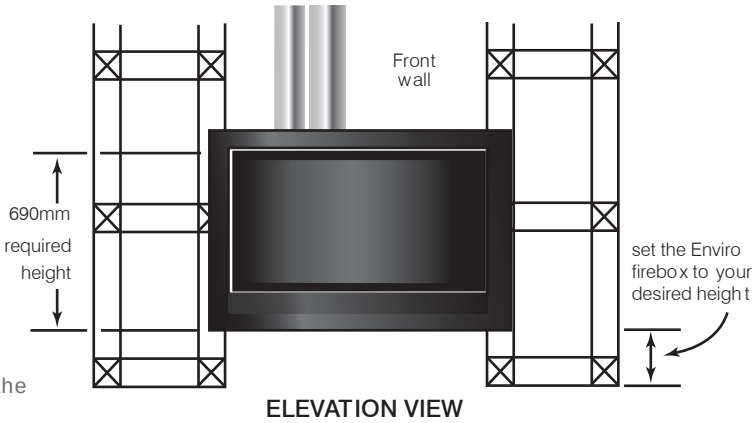
** C and D are only applicable if installing under bench top and or into Joinery.*

C – Minimum enclosure height from top of box = 300mm

D – 1 Inlet and 1 outlet ventilation with a cross sectional area of 5000mm for each.

Minimum framing dimensions



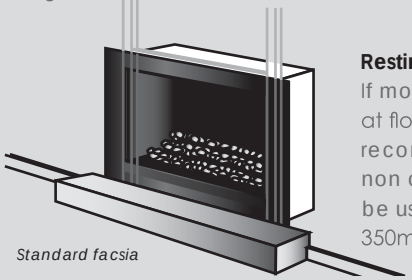


* Note: Standard Fascia finishes flush with the bottom of the firebox so ensure a neat finish to plaster/gyprock.

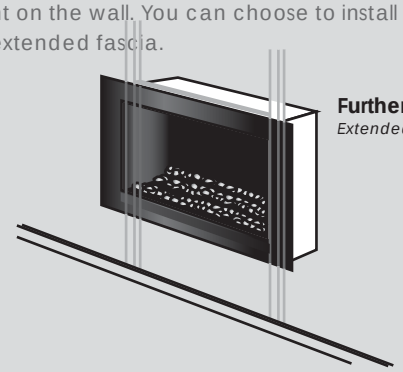
Access panel advised for servicing if required

For inbuilt installation (into a wall)

With it's revolutionary design, the Enviro can be mounted at any height on the wall. You can choose to install the Enviro at ground level with standard fascia or further up the wall with extended fascia.



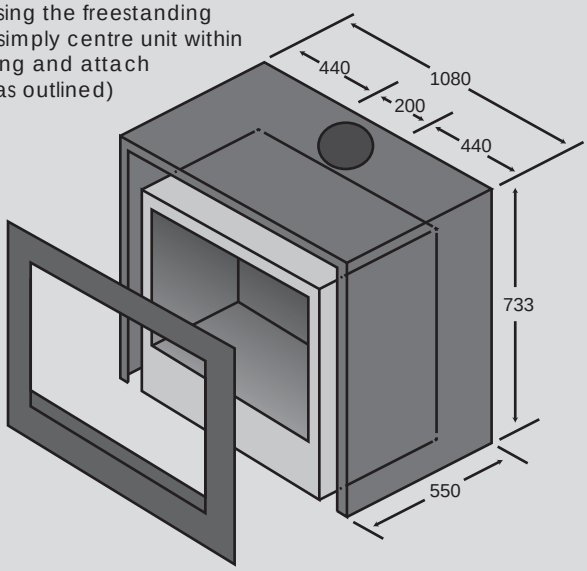
Resting on the heath
If mounting the Enviro at floor level, it is recommended that a non combustible hearth be used for a minimum 350mm in front of the fire.



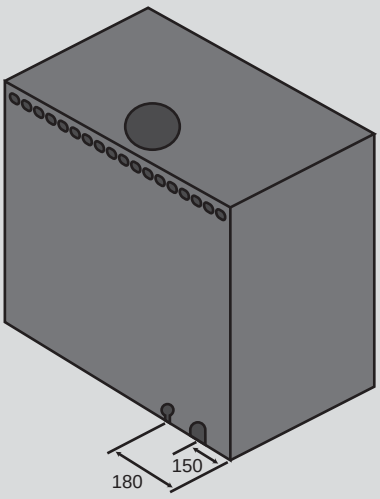
Further up the wall
Extended facsia

Optional freestanding casing

When using the freestanding casing, simply centre unit within the casing and attach fascia (as outlined)



Rear View



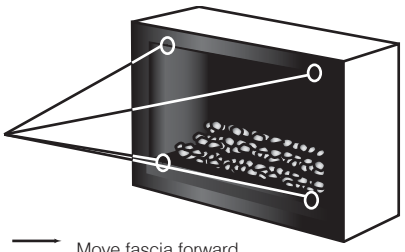
- Casing H 733 x D 580 x W1080mm
- 200mm dia cut out in top of casing to allow for decorative rigid flue (to hide flexi exhaust and air intake)
- Air holes in the back top of casing for air ventilation
- Provisional holes for both gas line and power cord in rear of casing

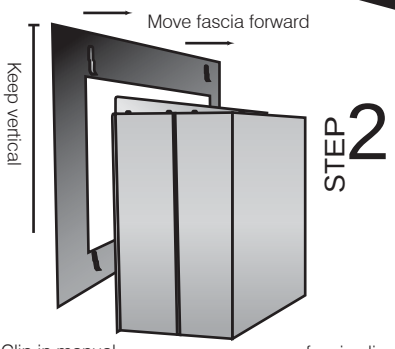
Attaching the fascia

While attaching the facsia is straight forward, it is important that it remains vertical all the time to make sure the top and bottom clip in by way of clips at both the top and bottom. (Before fascia can be removed, door must be unscrewed and removed)

STEP 1

Remove all four screws



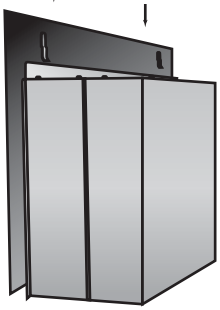


STEP 2

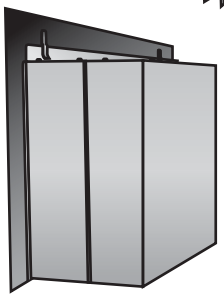
Note: Clip in manual control on bottom left side of fascia

fascia clips slip down over heat box lip

STEP 3



STEP 4



fascia clips slip down over heat box lip on the bottom lip also.

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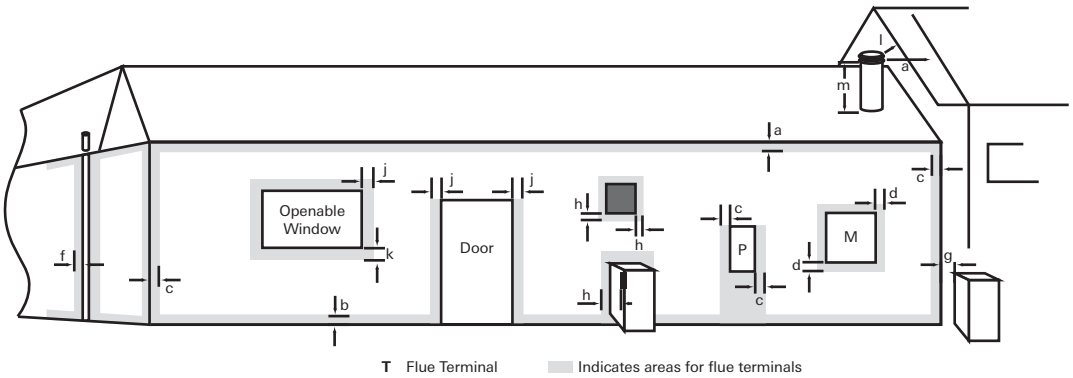


Minimum clearances required for balanced flue terminals or the flue terminals of outdoor appliances

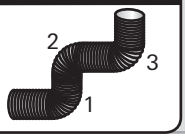
(according to AS5601-2004[AGA gas installation code] or NZS 5261 [New Zealand]

a	Bellow eaves, balconies or other projections	300 mm
b	From the ground or above a balcony	300 mm
c	From a return wall or external corner	500 mm
d	From a gas meter (M)	1000 mm
e	From an electricaity meter or fuse box (P)	500 mm
f	From a drain or soil pipe	150 mm
g	Horizontal from an building structure	500 mm
h	From any other flue terminal, cowl or combustion air intake	500 mm
j	Horizontally from an openable window, door, or non-mechanical air inlet, or any other opening into a building, with the exception of sub-floor ventilations	500 mm
k	Vertically below an openable widow, door,or non-mechanical air inlet, or any other opening into a building, with the exception of sub-floor ventilation	150 mm
l	Minimum horizontal clearance to any surface (such as an exterior wall) for vertical terminations	610 mm
m	Minimum height above roof line for vertical termination	600 mm

Using your flexible flue pipe

The Enviro's revolutionary flue system incorporates one 65mm diameter pipe and one 58mm diameter pipe.

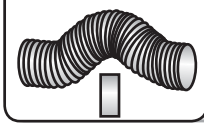
Do...



Use 3 bends only

Our flexible flue has the ability to bend 3 times between the heating unit and the cowl. This includes the bend straight out of the heater if you're fluing through the ceiling or floor.

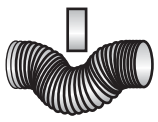
Do...



Make the flue pipe go over the bearers and joists.

You may bend the flue over joists and bearers. It is recommended that a 20mm clearance be maintained between the smaller gas exhaust flue and combustible materials.

Never Do...

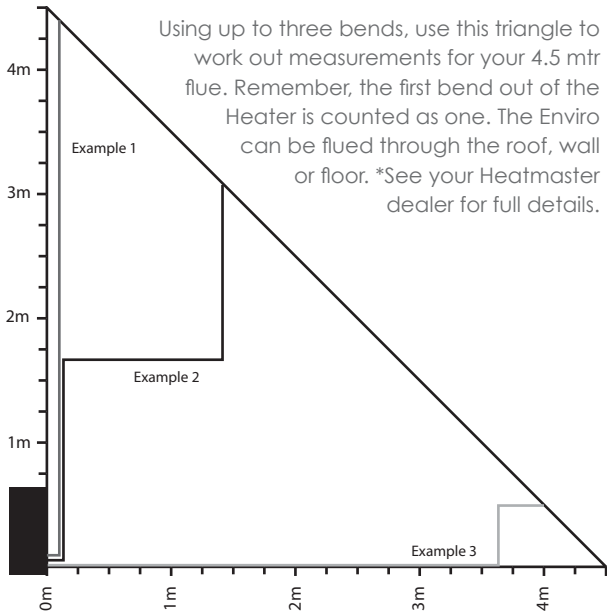


Fluing where the pipe had a spot lower than the rest.

Never allow a low spot in the flue. Installing the flue with a dip or "goose neck" can result in reduced efficiency or even prevent the fire from working.

Configure triangle

Using up to three bends, use this triangle to work out measurements for your 4.5 mtr flue. Remember, the first bend out of the Heater is counted as one. The Enviro can be flued through the roof, wall or floor. *See your Heatmaster dealer for full details.



A 20mm clearance is recommended from the extraction (smaller) flue to combustibles.

Key Information – Quick step check list

Plumber	Incoming gas connection provided – 1/2 inch BSP male connector	Page 2
	Gas input – 42MJ high 32MJ low	Page 2
	Manifold pressure High (Nat gas) 0.69 Kpa Low (Nat gas) 0.45 Kpa High (LPG) 2.25 KPA Low (LPG) 1.38 KPA	Manifold pressure is factory set. To check pressure and adjust refer to page 8 of the customer operation information & Installation instructions.
Electrician	Standard flex 2m, 3 pin plug provided. Requires power point with double pole isolation switch.	Page 2
Appliance must be tested for correct operation prior to leaving - minimum 20 minutes. If appilance cannot be adjusted to preform correctly contact Heatmaster prior to leaving.		

Addition literature

Supplements for flue installation and heat transfer can be obtained by contacting your Heatmaster dealer.

*All information contained in this mini summary is correct at the time of publication. This is only a summary and should be read in conjunction with the full installation instructions. Pictures are representative only and are not drawn to scale. Installation should be carried out by a licensed gas fitter and any electrical work carried out by a licensed electrician.