



ecosmart CV Fireboxes Installation Guide

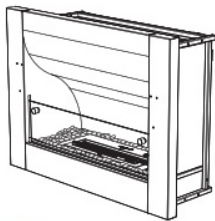
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ecosmart⁺
Fire

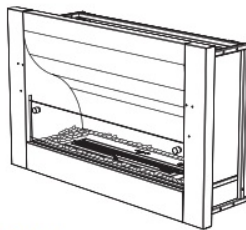
CLEARANCES AND INSTALLATION MANUAL

PLEASE READ THESE INSTRUCTIONS COMPLETELY BEFORE OPERATING THE ECOSMART™ FIRE.

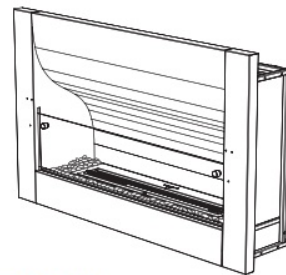
CV FIREBOXES



720CV
39.5kg, 86.9lbs



920CV
46.2kg, 101.6lbs



1100CV
61.5kg, 135.4lbs

! WARNINGS:

IF THE INFORMATION IN THIS MANUAL IS NOT FOLLOWED EXACTLY, A FIRE OR EXPLOSION MAY RESULT IN CAUSING PROPERTY DAMAGE, PERSONAL INJURY, OR LOSS OF LIFE.





NOTE: Weight includes Burner and Decorative Media.

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CV Firebox Inserts

Clearances

Please read these instructions completely before operating the EcoSmart™ Fire.

These models are suitable for use both indoors and outdoors. There are no requirements for side and/or overhead clearances as spacers are part of the design.

The Firebox cavity should include a layer of cement sheeting prior to inserting the Firebox to limit heat transference. Missing heat insulation can cause overheating, which may result in damages to the material surrounding the Firebox.

DO NOT PACK REQUIRED AIR SPACES (THE SPACE BETWEEN THE FIREBOX AND THE SPACER) WITH INSULATION OR OTHER MATERIALS. THE AIR SPACES ARE NEEDED FOR PROPER VENTILATION OF THE BURNER.

WARNING: Ensure that your fire is positioned away from flammable materials and other sources of ignition at all times. Pay very close attention to positioning the fire away from items that may move as a result of wind and drafts. For example trees/branches/curtains/ paper and the like. Note: Stainless steel will rust or corrode over time if contamination or debris is not cleaned or removed immediately. When not in use, it is recommended that you protect your fireplace from water damage or corrosion with a protective cover and always use the Burner Lid included with your model to safeguard the burner.

CV Firebox Inserts Installation

The zero-clearance firebox inserts are designed for installation into a wall or cavity made from combustible or non-combustible materials. They are engineered specifically to accept EcoSmart Fire Burners. Fireboxes must be installed into a fixed secure position before being operated. They can be fitted from either the front side of the flange or from the back of the flange (screwed, riveted, or glued with a high-temperature resistant bonding product) onto the surrounding structural framework.

The floor must be level and the Firebox positioned on a flat surface.

The firebox must be installed in a setting that is built to safely hold the weight of the model. In the case of insufficient capacity to hold the weight of the model, measures must be taken to reinforce the setting (for example installation of a plate for load distribution) so that the setting is suitable for installation.

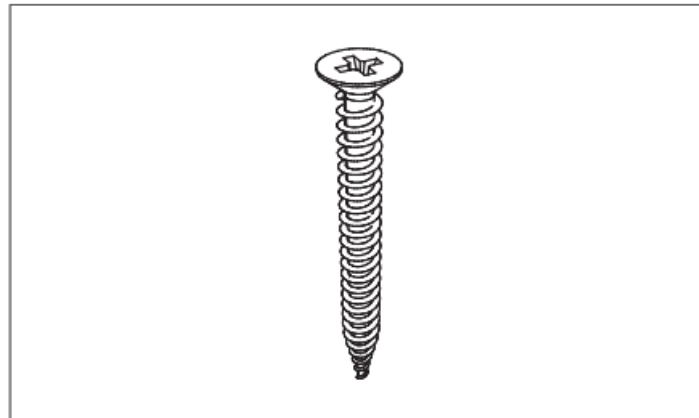
NOTICE: DO NOT INSTALL DIRECTLY BESIDE OR NEAR WALLPAPER, LAMINATE, VENEER, OR ANY SURFACE THAT HAS NOT BEEN FIRE RATED (the heat will impact the material, and in some circumstances, the glue used for its application).

THIS INCLUDES THE DETAILING/FINISHING MATERIALS USED ON THE DECORATIVE SURFACES AROUND THE INSTALLED FIREBOX. REFER TO THE PRODUCT SPECIFICATION OF THE WALLPAPER, LAMINATE, VENEER, GLUE, OR OTHER BEING USED AROUND THE INSTALLATION TO ENSURE HEAT TOLERANCES ARE COMPATIBLE. WHEN THE APPARATUS IS IN OPERATION THE AREA AROUND THE MODEL GETS HOT – HEAT SENSITIVE/ REACTIVE MATERIALS SHOULD NOT BE USED. DO NOT PLACE FLAMMABLE OBJECTS ON OR AROUND THE APPARATUS.

Fireboxes are not designed to incorporate doors or opening covers (unless specifically purchased as a resolved item from MAD Design Group). The Firebox must remain open at all times for ventilation – it is not designed to operate as an oven or similar “hot box” – the flame must have a constant supply of air to operate and be able to circulate and distribute the heat effectively.

CV Firebox Inserts Installation

Before getting started, ensure you have received all the necessary parts.



12 x #14 self-tapping wood screw x45mm (PPH) Pre-galvanized.

CV Firebox Inserts Installation

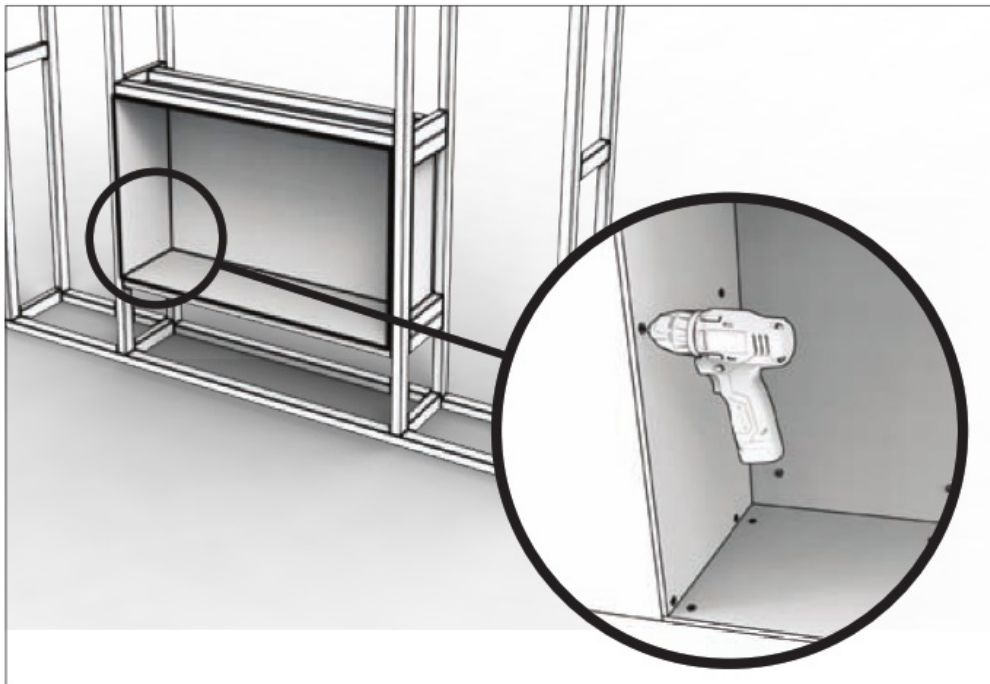
Equipment required:

Power Drill, Screw Driver, Hand Trowel for Plaster, Silicone Gun, Caulk Gun

1. Construct the main wall framework leaving an opening as dimensioned in Table A.



2. Create an insulated cavity using 8mm [0.3in] fire-retardant cement boards fixed to the framework.



4. Add extra framing to secure fire-retardant sheeting.

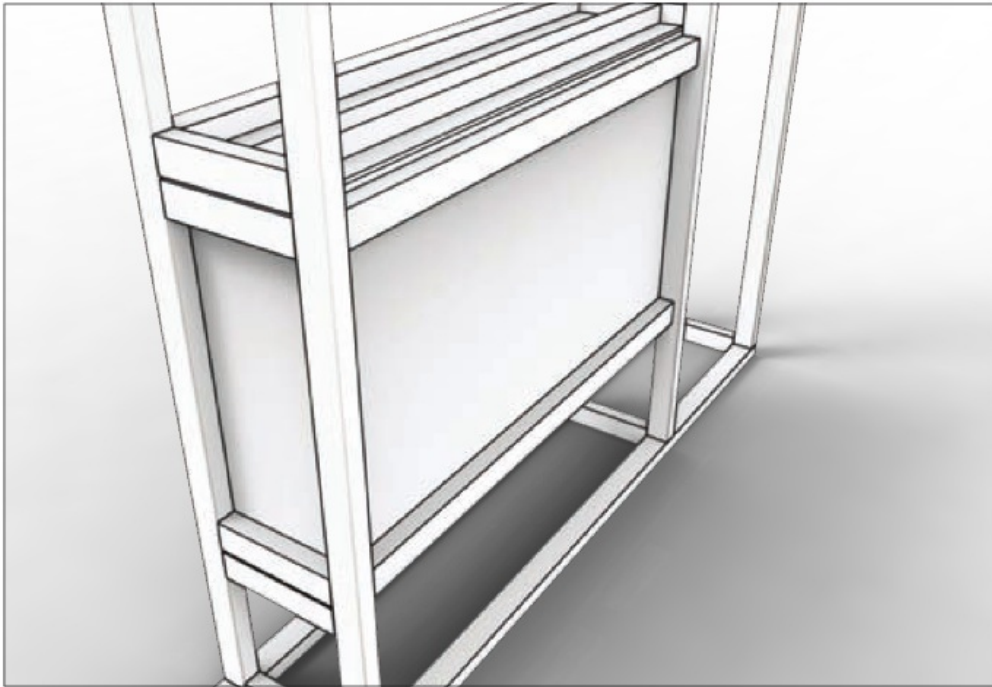
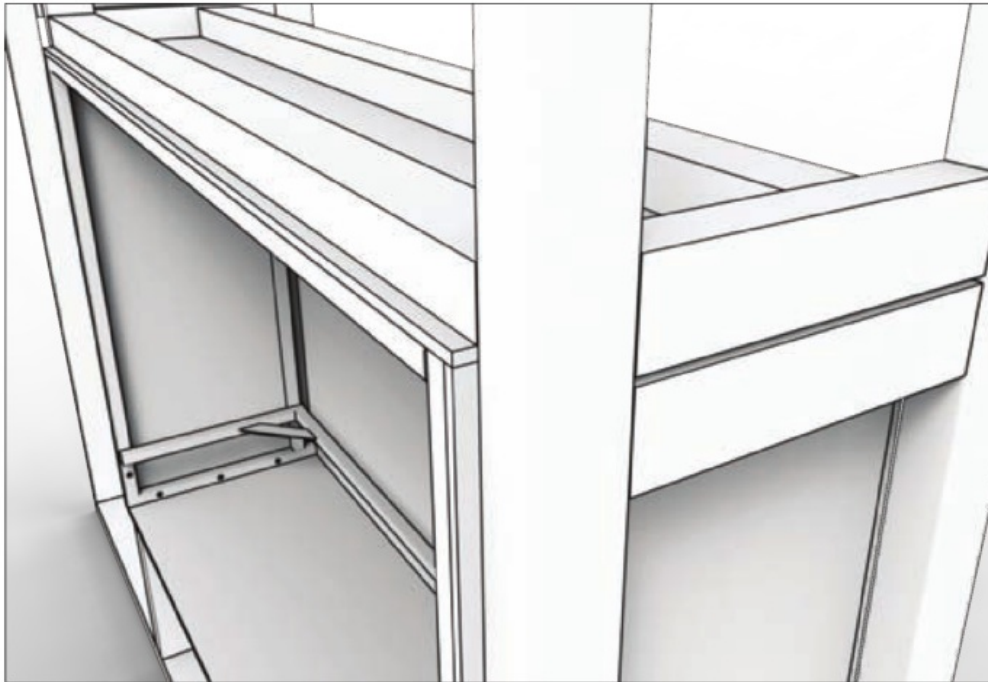


Table A: Framing Dimensions

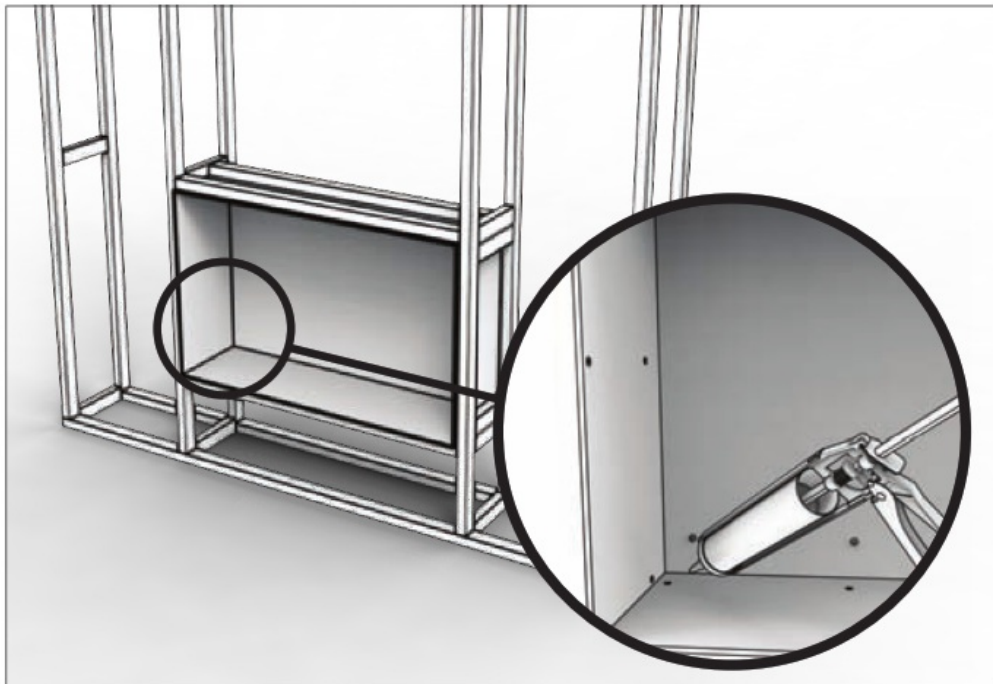
Physical model dimensions and thickness of cement boards should be verified against cut-out dimensions BEFORE installation begins to confirm tolerances align.

MODEL	Wmm [in]	D mm [in]	H mm [in]
720CV	782 [30.8]	318 [12.5]	669 [26.3]
920CV	982 [38.7]	318 [12.5]	669 [26.3]
1100CV	1168 [46]	331 [13]	746 [29.4]

3. Ensure the cavity frame is offset from the timber frame. The offset distance must be the same as the wall panel (gyprock/dry wall thickness).

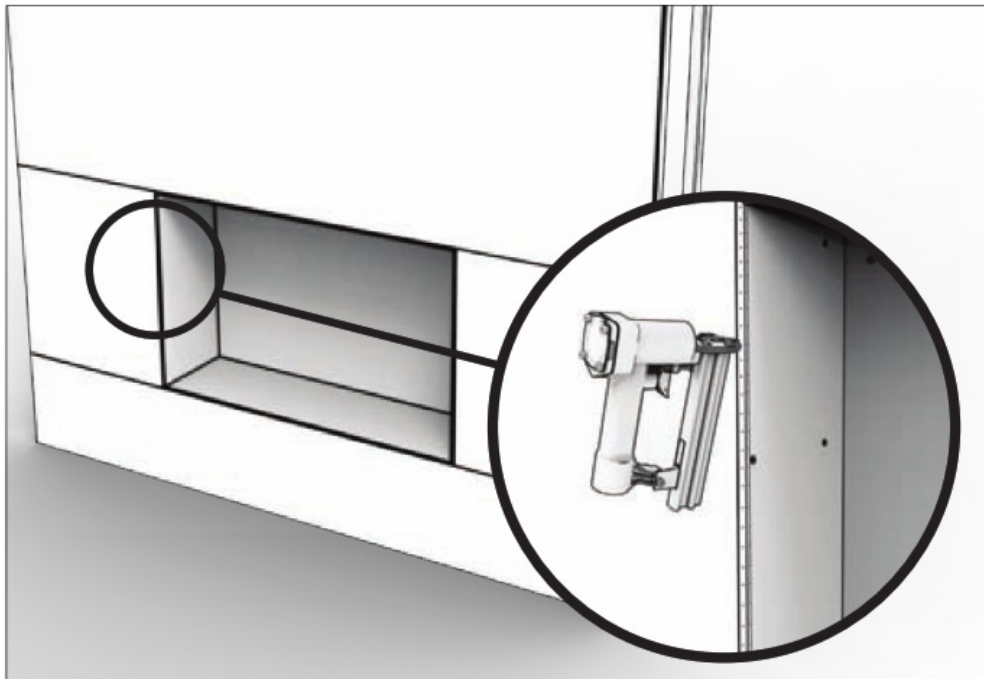


5. Silicone all internal edges to make the cavity watertight.

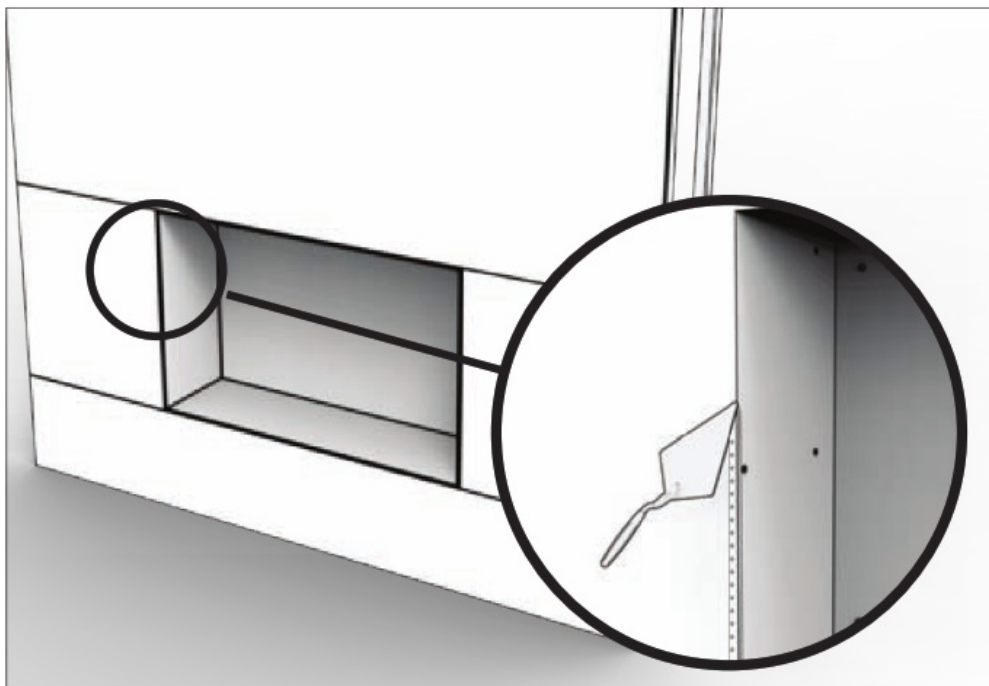


CV Firebox Inserts Installation

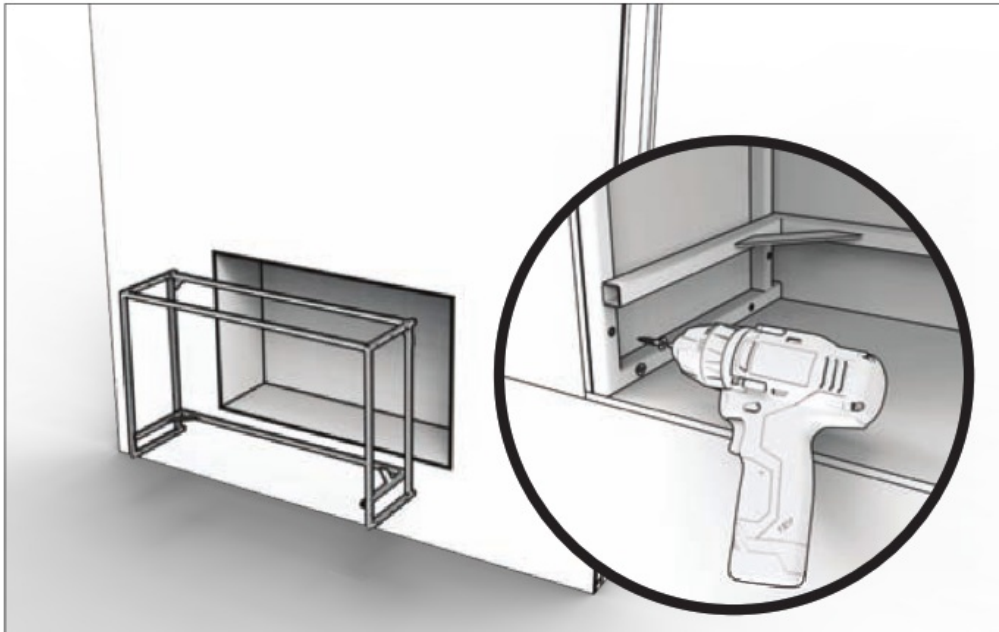
6. Apply surrounding gyprock/dry wall panels. Fix steel end beads on all 4 edges (mitre the corners).



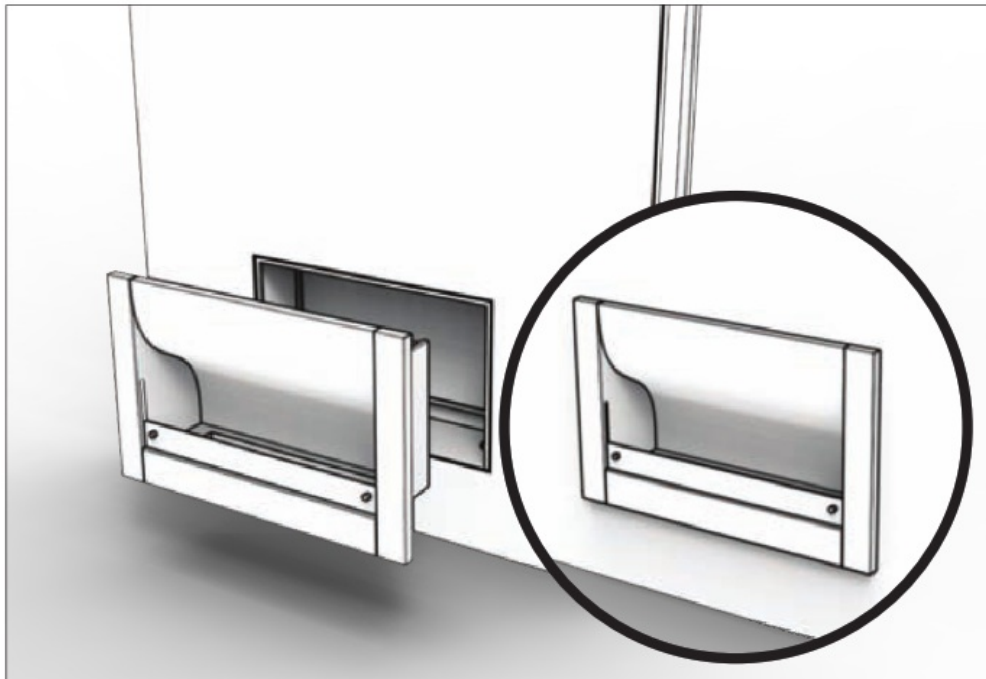
7. Plaster all seams and beads and paint to create the finished wall appearance.



8. Insert the mounting frame into the cavity. Ensure the frame is flush with the wall edge or the firebox will not sit flush. Secure the mounting frame. Ensure screws are engaging the timber frames behind the fire-retardant panels.

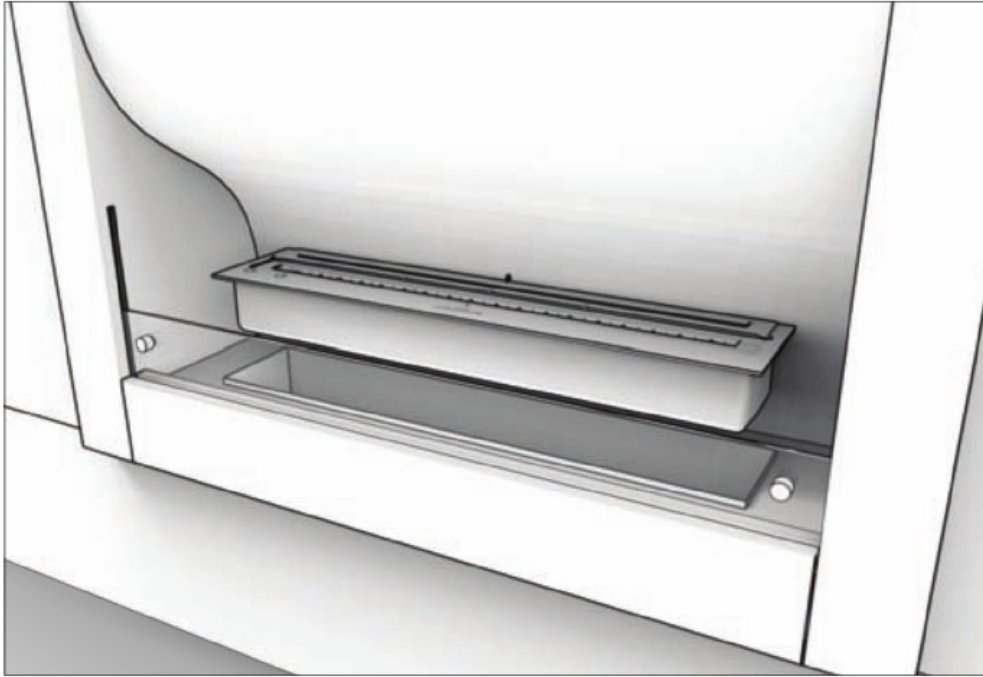


9. Push the firebox into the cavity. Push until the magnets engage with the mounting frame.

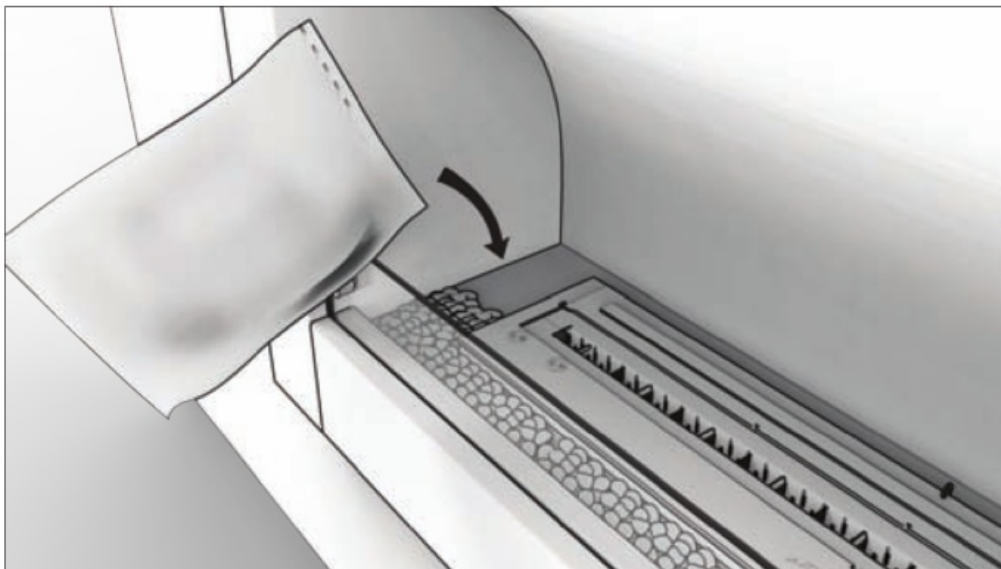


10. Ensure the glass screen is at the lowest position. Place the burner into the firebox tray.

WARNING: Glass screen is fragile, careful not to clip the screen during burner insertion, or glass will shatter.



11. Evenly spread decorative pebbles around the firebox base. Position glass screen back up to its full height. Always operate with the glass screen in full upright position.



OPERATE ACCORDING TO THE BURNER OPERATIONS MANUAL INCLUDED WITH THE BURNER.



MAD Design Group
Showrooms 3 & 4, 40-42 O'Riordan Street
Alexandria NSW 2015 Australia
Tel: +61 2 9997 3050
Email: info@maddesigngroup.com
REV0720

	<p>ecosmart CV Fireboxes [pdf] Installation Guide</p> <p>CV Fireboxes, 720CV 39.5kg 86.9lbs, 920CV 46.2kg 101.6lbs, 1100CV 61.5kg 135.4lbs</p>
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