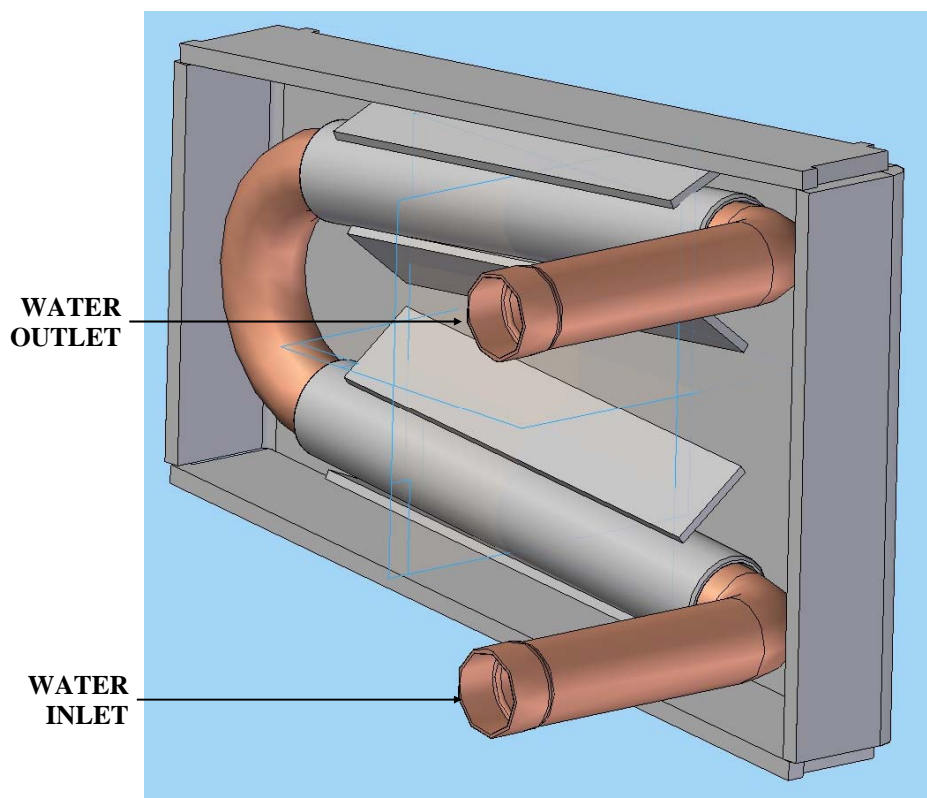




MASPORT BANNOCKBURN I2000 WET FIRE (NZ MODEL) FITTING INSTRUCTIONS FOR WATERBOOSTER



Tested Average Water Heating Output Power: 1.4kW

Manufactured in New Zealand by:
GLEN DIMPLEX NEW ZEALAND LIMITED
P.O. Box 58473, Botany
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Fax: 09274 8472
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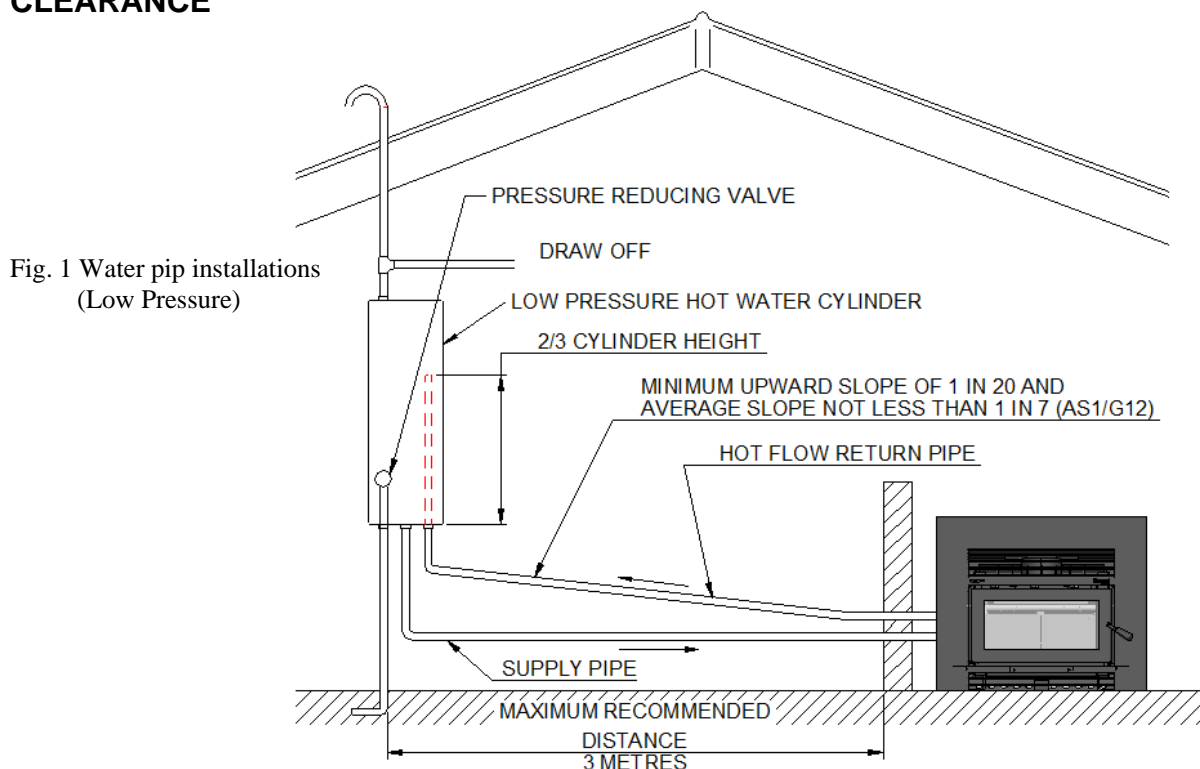
WARNING : THE HOT WATER SYSTEM MUST BE VENTED TO AVOID DANGEROUS EXPLOSIONS. INSTALL IN ACCORDANCE WITH AS 3500.4.1 OR NZS 4603 AND THE APPROPRIATE REQUIREMENTS OF THE REVELANT BUILDING CODE OR CODES.

Pipe connections are 1" swaged copper tubes and the pipe positions are illustrated on the specific Installation Specification Sheets for the appliance. Special piping methods must be followed to ensure effective circulation, and the hot water storage cylinder will need to have an internal riser pipe to two thirds of the cylinder height to discourage unwanted water circulation when the wood fire is not burning. This internal riser pipe must be connected to the flow pipe from the wood fire.

For effective circulation, the pipes from the wood fire should meet the requirements in accordance with NZ4603 and G12 AS1. Ideally, the cylinder should be within three meters of the wood fire (Refer Fig. 1). Detailed piping instructions are included in the conversion kit, but two safety requirements deserve special emphasis.

- THERE MUST BE NO NON-RETURN OR SHUT-OFF VALVES IN THE PIPES BETWEEN THE WOODFIRE AND THE STORAGE CYLINDER.
- A WOODFIRE FITTED WITH A WATER HEATING BOOSTER MUST NOT BE FIRED UNLESS IT IS CONNECTED TO A VENTED STORAGE CYLINDER FILLED WITH WATER FREE TO CIRCULATE.

YOU MUST PREPARE THE APPLIANCE FOR FITTING OF THE WATER BOOSTER BEFORE THE APPLIANCE IS INSERTED INTO THE CHIMNEY OR INTO THE ZERO CLEARANCE



FITTING OF WATER BOOSTER:

Establish on which side of the appliance the water booster is to be fitted.

Start preparing the side of the appliance where the water booster is to be fitted.

Prepare the sheet metal casing by removing the rectangular section in the panel to make an opening for the copper tubes to pass through. See Fig. 2 Do the same to the heat shield which is positioned behind the casing. See Fig. 3.

Remove the steel plate which covers the two 35mm holes in the firebox side wall. This is done by removing the four M6 x 12 screws. The plate is fitted to the outside of the firebox behind the sheet metal casing. Re-fit two screws from the outside to seal the two now unused tapped holes in the fire box. The unused holes are the uppermost and the lowest hole. See Fig. 4.

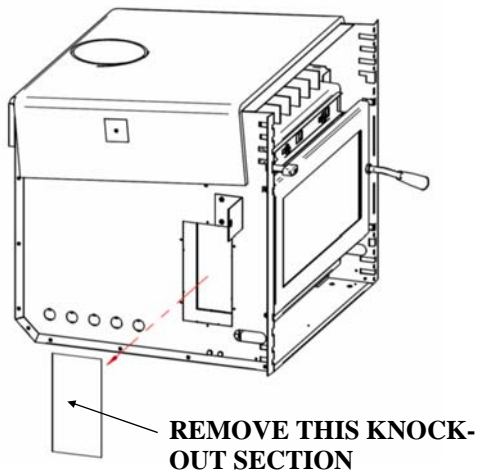


Fig. 2 Remove the knock-out on the sheet metal casing

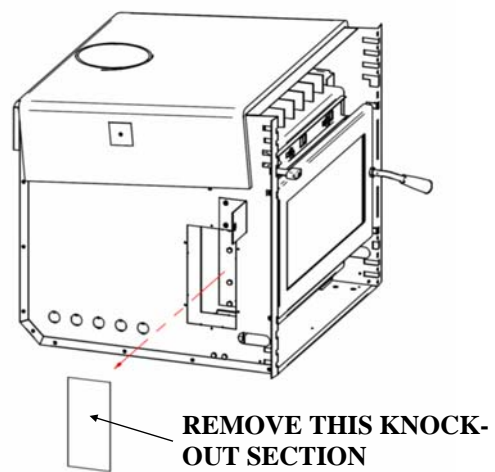


Fig. 3 Remove the knock-out on the heat shield

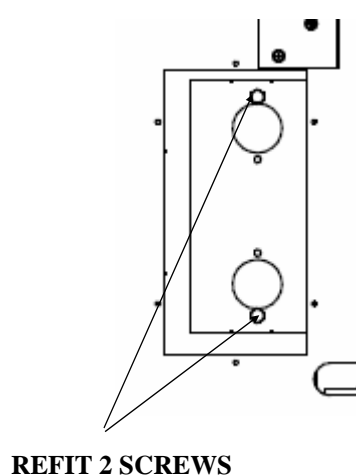
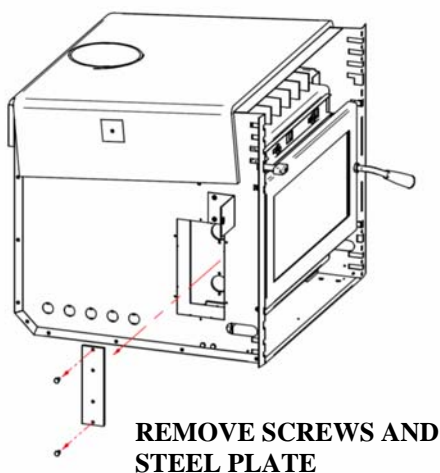


Fig. 4 Remove 4 screws and steel plate then Refit 2 screws

Fit the sheet metal trim plate measuring 135 x 250 mm to the outside wall of the sheet metal casing. Use 6 off 8G x3/8 sheet metal screws. See Fig. 5

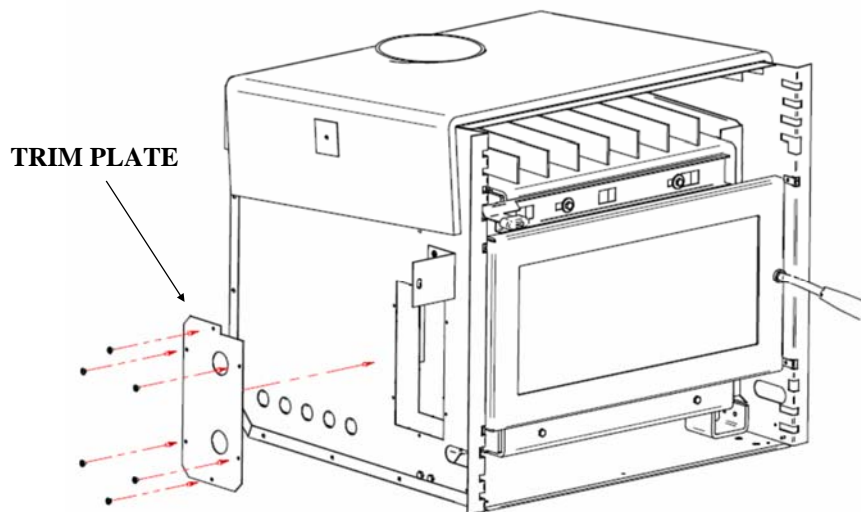


Fig. 5 Fit sheet metal trim plate

Now work on the inside of the firebox, same side as water booster is going to be.

Depending on which side the water booster is going to be fitted you may have to remove the bricks first. This is done by first removing the brick retainer brackets.

Remove small grub screw M6 x 10 from inside fire box. Allen Key supplied. See Fig. 6. Discard screw.

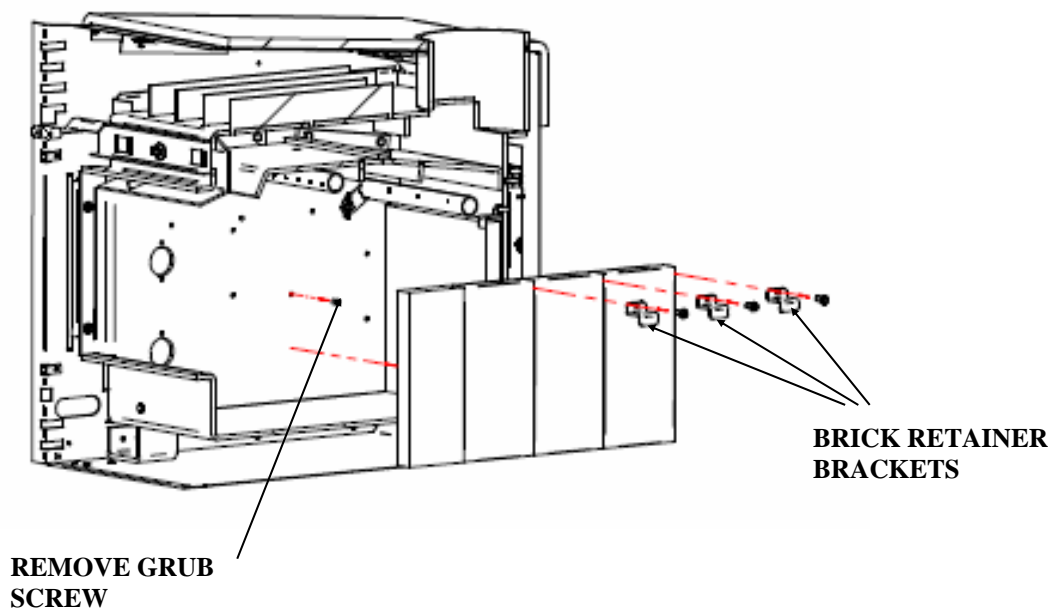


Fig. 6 Remove bricks and screws

Attach the water booster to the side wall of the fire box with three M6 x 50 screws. Do not tighten the screws yet. Smear 'Maniseal' (supplied) or similar along the contact edge between the water booster and the fire box. Tighten up the three screws. Refit the three M6 x 12 screws which you just removed to plug the unused holes. See Fig. 7.

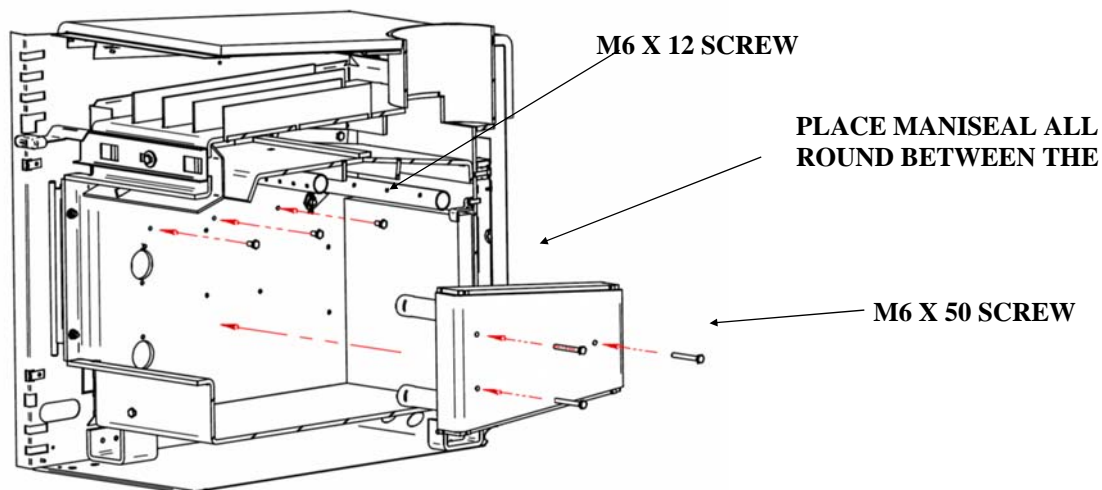


Fig. 7 Fit the water booster

AIRSLIDE REPLACEMENT (NZ MODELL ONLY):

In New Zealand, for compliance purpose, a special air slide marked 993862 **MUST BE FITTED** if the water booster is installed. Procedure for replacing air slide is as follows:

Step One (Fig. 8)

1. Remove the door from the heating Cabinet.
2. Remove 2 X (M6 X 50) screws and 2 X spacers.
3. Remove the air slide from the heater and discard this part marked 993863

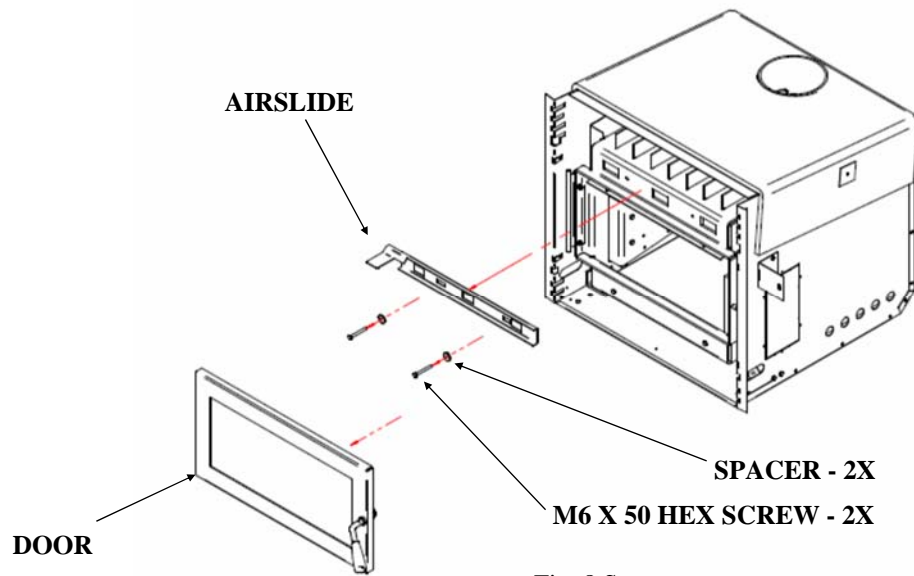


Fig. 8 Step one

Step Two (Fig. 9)

1. Refit the new air slide marked 993862 to the front of the heating cabinet.
2. Refit 2 X (M6 X 50) screws and 2 X spacers.
3. Refit the door to the heating Cabinet.

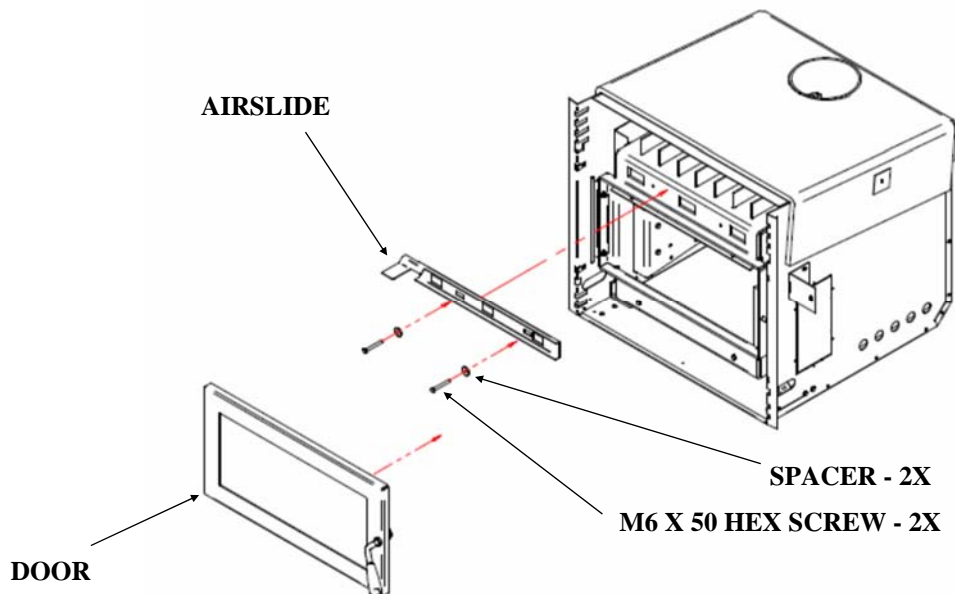


Fig. 9 Step two