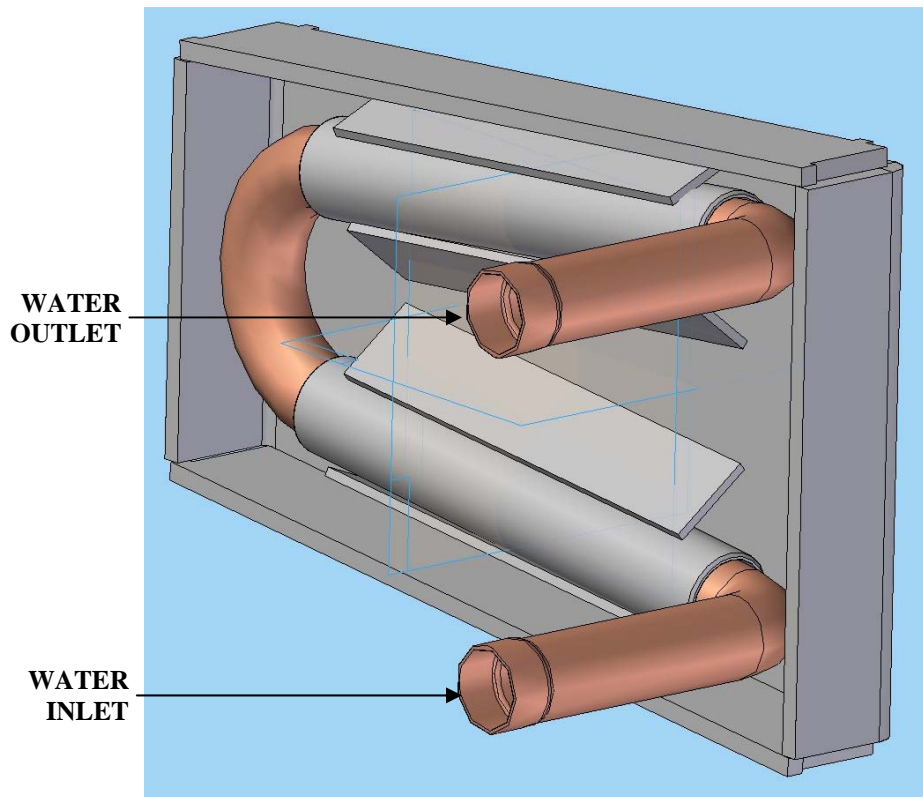




MASPORT I3000 WET FIRE

FITTING INSTRUCTIONS FOR WATERBOOSTER



Tested Average Water Heating Output Power:1.4kW

Manufactured in New Zealand by:
GLEN DIMPLEX AUSTRALASIA LIMITED
P.O. Box 58473, Botany
MANUKAU 2163
Ph: 0800 666 2824
Fax: 09274 8472
Email: sales@glendimplex.co.nz
Web: www.glendimplex.co.nz

Distributed in Australia by:
GLEN DIMPLEX AUSTRALIA PTY LIMITED
Unit 2, 205 Abbots Road, Dandenong South
VICTORIA 3175
Ph: 1 300 556 816
Fax: 1 800 058 900
Email: sales@glendimplex.com.au
Web: www.glendimplex.com.au

WARNING : DO NOT CONNECT TO AN UNVENTED HOT WATER SYSTEM. INSTALL IN ACCORDANCE WITH AS 3500.4.1 OR NZS 4603 AND THE APPROPRIATE REQUIREMENTS OF THE RELEVANT BUILDING CODE OR CODES.

All plumbing work must meet the requirements of local plumbing standards. 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.

THE HOT WATER SYSTEM MUST BE VENTED TO AVOID DANGEROUS EXPLOSIONS.

For effective circulation, the pipes from the wood fire should rise at the rate of one in five toward the storage cylinder, and ideally, the cylinder should be within three meters of the wood fire. 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 CABINET.

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. 1 Do the same to the heat shield which is positioned behind the casing. See Fig. 2. If the installation is a Zero Clearance Installation you will also have to prepare the Zero Clearance Cabinet by removing the round knock-out plugs in the side walls of the cabinet.

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. See Fig. 3. 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.

SHEET METAL CASING

REMOVE THIS KNOCK-OUT SECTION

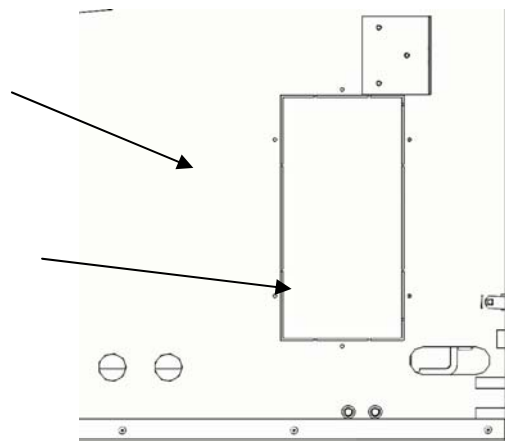
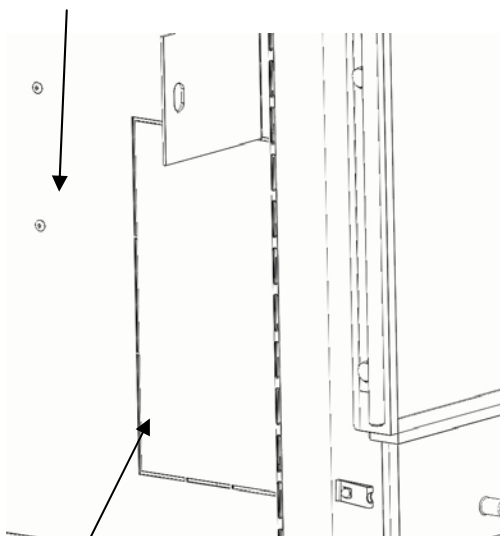


FIG. 1

HEAT SHIELD



REMOVE THIS KNOCK-OUT SECTION

FIG. 2

COVER PLATE ON FIRE BOX.

REFIT 2 SCREWS

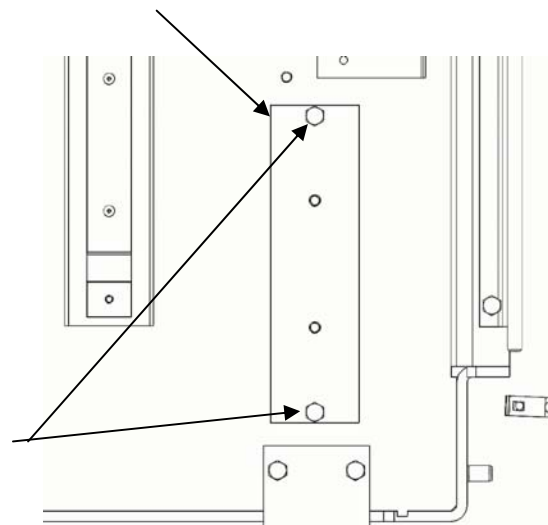


FIG. 3

Fit the sheet metal trim plate measuring 135 x 250 mm to the outside wall of the sheet metal casing. Use 6 off 8G x13 sheet metal screws. See Fig. 4

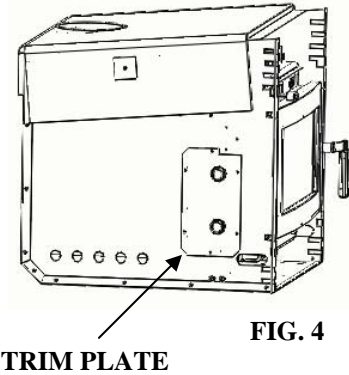


FIG. 4

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. Refit the three screws of the brick retainer bracket to plug the unused holes.

If the bricks were factory fitted to the other side, you still have to remove the three unused brick retainer brackets which are on the side wall. Refit the three M6 x 12 screws which you just removed to plug the unused holes. See Fig. 5.

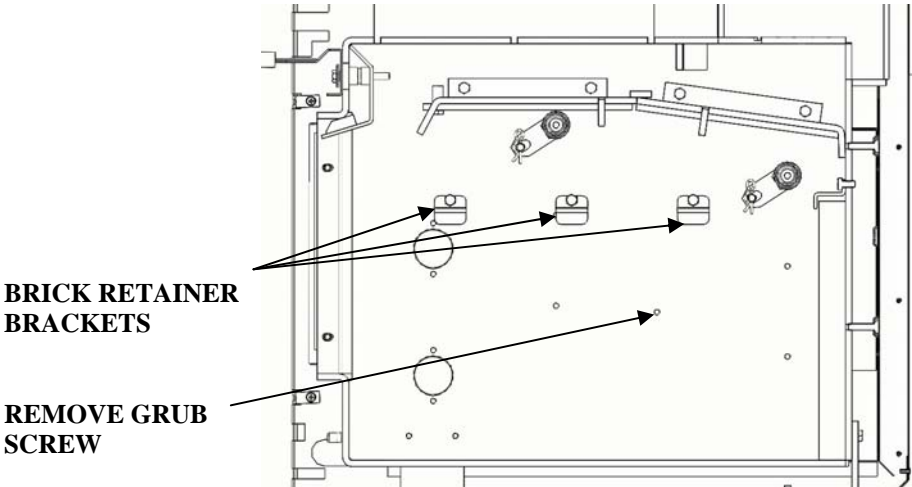


FIG.5

Remove small grub screw M6 x 10 from inside fire box. Allen Key supplied. See Fig. 5. Discard screw.

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. See Fig. 6.

PLACE MANISEAL ALL ROUND BETWEEN THE CONTACTFACES

3 SCREWS M6X50

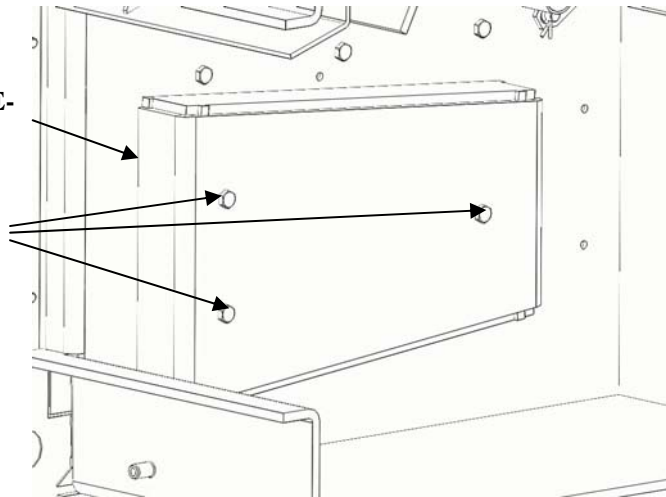
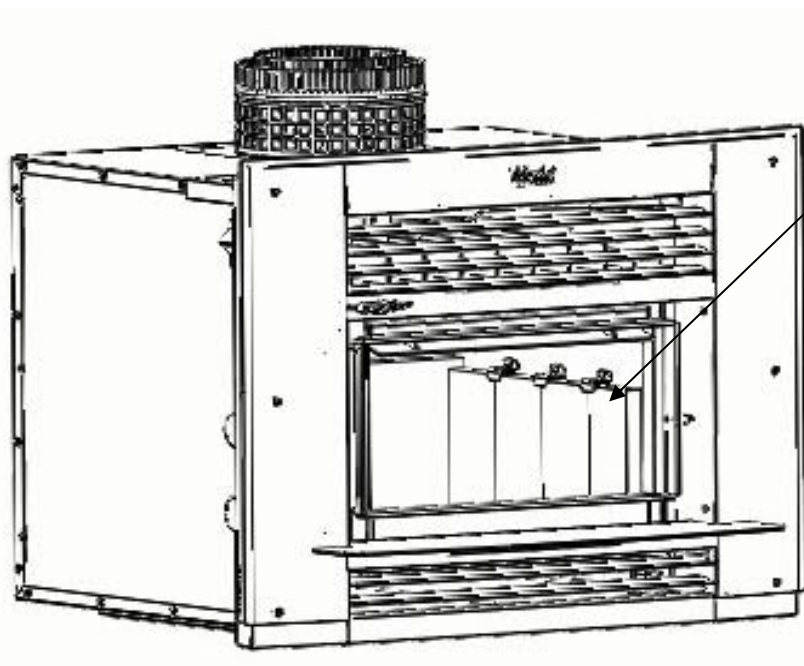


FIG. 6

Now work on the opposite side of the water booster.

If you had to remove the side bricks to make room for the water booster you now have to refit them to the opposite side of the water booster. This is done by slacking the three brick retainer brackets and then placing the top edge of the bricks behind the brackets. Tighten the bracket screws. NOTE: the smaller brick must be placed nearest to the door. See Fig. 7.



PLACE NARROW BRICK HERE

FIG. 7

BRICK RETAINING BRACKETS