

CONVERSION INSTRUCTIONS

HIGHFLOW 400 ELECTRONIC RSF

THESE INSTRUCTIONS SHOULD BE USED IN CONJUNCTION WITH THE MAIN INSTALLATION & SERVICE INSTRUCTIONS

ONLY COMPETENT PERSONNEL SHOULD ATTEMPT THE CONVERSION

ONLY COMPONENTS SUPPLIED BY WORCESTER HEAT SYSTEMS SHOULD BE USED

Conversion Kit:

Natural Gas to LPG	7 716 192 304
LPG to Natural Gas	7 716 192 305

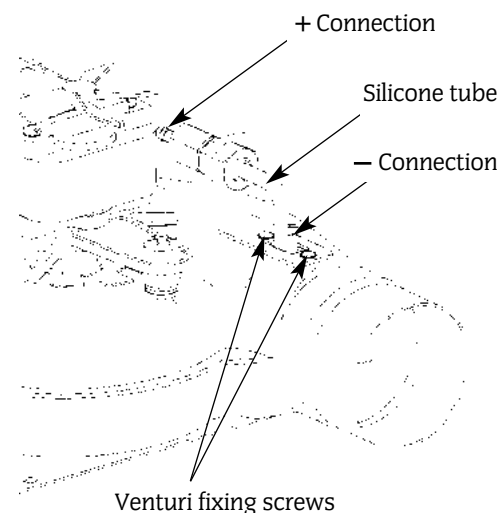
Component	Qty	Part Numbers	
		NG to LPG	LPG to NG
Burner	1	8 716 142 608	
Burner Injector	1	8 716 156 338	8 716 156 337
Pilot Burner Injector	1	8 716 148 153	8 716 156 300
PCB Link	1	8 716 104 555	
Fan Restrictor Assembly	1	8 716 120 706	

SHUT OFF GAS AND ELECTRIC SUPPLIES TO THE APPLIANCE

CONVERSION: NATURAL GAS TO LPG

1. Remove the burner as described in Section 15.2.5 and discard.
 2. Remove the main burner injector as described in Section 15.2.6. and discard.
 3. Remove the pilot injector as described in Section 15.2.8. and discard.
 4. Remove the fan assembly as described in Section 15.3.2. Release the venturi and re-assemble incorporating the fan restrictor assembly. Join the restrictor to the adjacent venturi connection (+ Ve) using the short length of silicone tube supplied. Refer to Fig. 1 of this leaflet.
 5. Refit the fan assembly and re-connect the sensing tubes. **Note:** + tube to the restrictor inlet. Clear tube to the - Ve side of the venturi. Refer to Fig. 1 of this leaflet.
 6. Re-assemble the appliance using the new injectors and the new burner.
 7. Remove the fascia and fit the link to the terminals marked LPG on the control board. Refer to Fig. 54 of the Installation and Service instructions.
 8. Re-commission the appliance as described in Section 13 and reset the burner pressures. Refer to Table 1. and Fig. 33.
- IMPORTANT:** Set the maximum burner pressure before the minimum burner pressure. The minimum burner pressure to be used is that for the hot water.
9. Fix the appropriate labels and re-position the red arrow on the data plate to indicate the gas type.
 10. Up-date the Benchmark log book.

Fig. 1 Fan Restrictor Assembly



REFER OVERLEAF FOR LPG TO NG CONVERSION

SHUT OFF GAS AND ELECTRIC SUPPLIES TO THE APPLIANCE

CONVERSION: LPG TO NATURAL GAS

1. Remove the burner as described in Section 15.2.5. Remove the end-cap and withdraw the gauze tube. Replace and refix the end-cap.
 2. Remove the main burner injector as described in Section 15.2.6. and discard.
 3. Remove the pilot injector as described in Section 15.2.8. and discard.
 4. Remove the fan assembly as described in Section 15.3.2. Remove the fan restrictor assembly (see Fig.1 of this leaflet) and refix the venturi.
 5. Refit the fan assembly and re-connect the sensing tubes. **Note:** + tube to the + Ve side of the venturi. Clear tube to the -Ve side of the venturi.
 6. Re-assemble the appliance using the new injectors and the new burner.
 7. Remove the fascia and remove the link from the terminals marked LPG on the control board. Refer to Fig. 54 of the Installation and Service instructions.
 8. Re-commission the appliance as described in Section 13 and reset the burner pressures. Refer to Table 1. and Fig. 33.
- IMPORTANT:** Set the maximum burner pressure before the minimum burner pressure. The minimum burner pressure to be used is that for the hot water.
9. Fix the appropriate labels and re-position the red arrow on the data plate to indicate the gas type.
 10. Up-date the Benchmark log book.



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