

INSTALLATION INSTRUCTIONS

1. GENERAL

The heater is room sealed and controlled by a single knob which operates the combined ignition, flame supervision device and output selection..

2. TECHNICAL DATA

Height 420mm  
Width 420mm  
Depth 100mm  
Weight (excluding Flue) 9.5Kg  
Injector Marking Amal 70  
Pressure Settings Butane 28mbar  
Propane 37mbar

Heat Input	Approximate Heat Output
2.1kW 152 gm/h	1.73 kW

3. INSTALLATION REQUIREMENTS

3.1 The installation should be carried out by a competent person.

The installation of the heater must be in accordance with the relevant requirements of the Gas Safety (Installation and Use) Regulations 1984.

3.2 The heater is designed to fit into the base panel of a wardrobe or similar situation. The heater must not be fitted closer than 125mm below a shelf.

3.3 Compartment ventilation must be provided to comply with BS 5440 Pt.2 (ie 9cm<sup>2</sup>/kW input at high and low level).

3.4 Flue System

The flue system supplied with the heater is for roof venting and consists of the following:-

- 1) 2 metres of insulated flue pipe.
- 2) Caravan heater flue inlet assembly.
- 3) Roof Cowl, gasket and nut.
- 4) Fixing screws and clips.

INSTALLATION

1. Preparing the Installation

Select the position the heater is to be installed and cut out a hole 470mm high and 412mm wide. Cut out or drill the air intake hole and the gas supply hole. SEE FIG.1.

2.

### Fitting the Installation Box

Push the installation box into the cut out in the wardrobe base, ensure the leading edges of the box are flush with the cut out. Screw to the floor and side wall with holes 'A' & 'B' at the position shown in FIG.1.

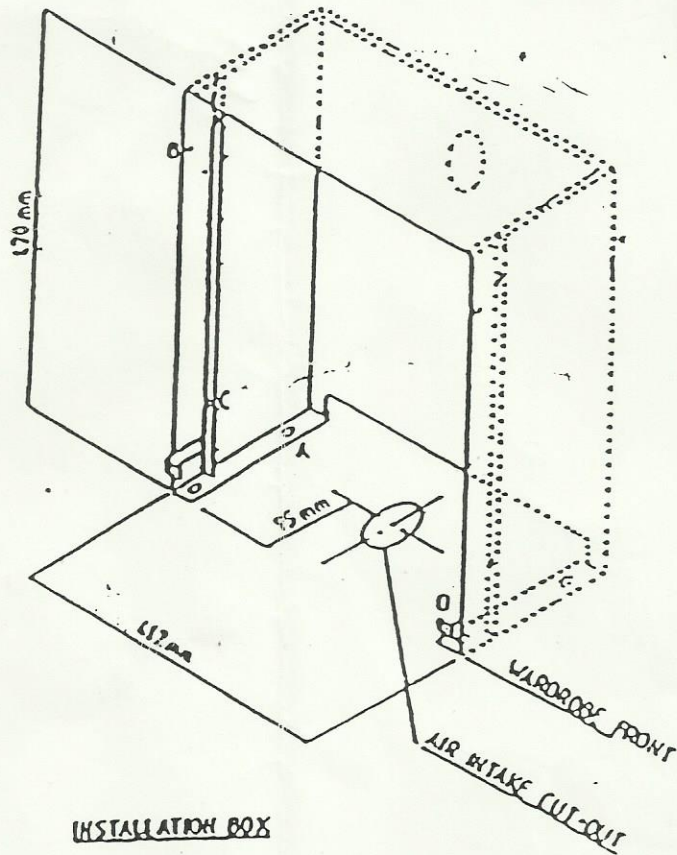


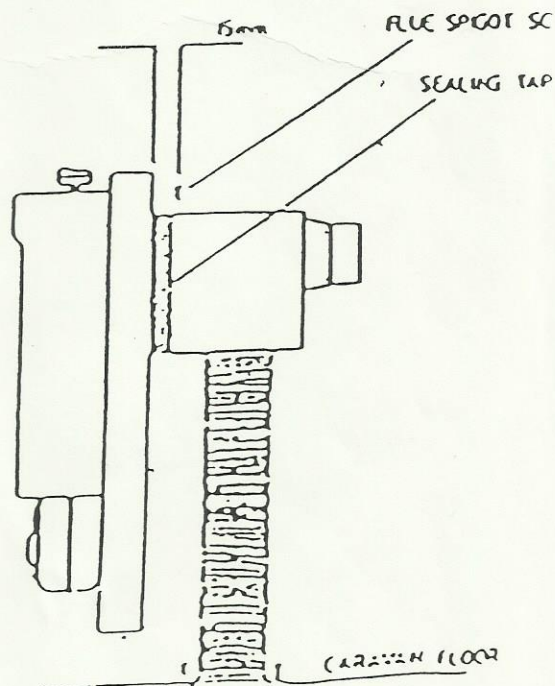
Fig.1

Fig

3.

### Preparing the Heater

Remove the heater from its packaging and remove the outer case. Push the flue assembly on to the spigot on the heater back panel. Drill a 3mm hole 15mm from the heater back panel through both the flue adaptor and the spigot. SEE FIG.2. Seal the flue adaptor to the spigot with the tape provided.





4. Fitting the Heater.

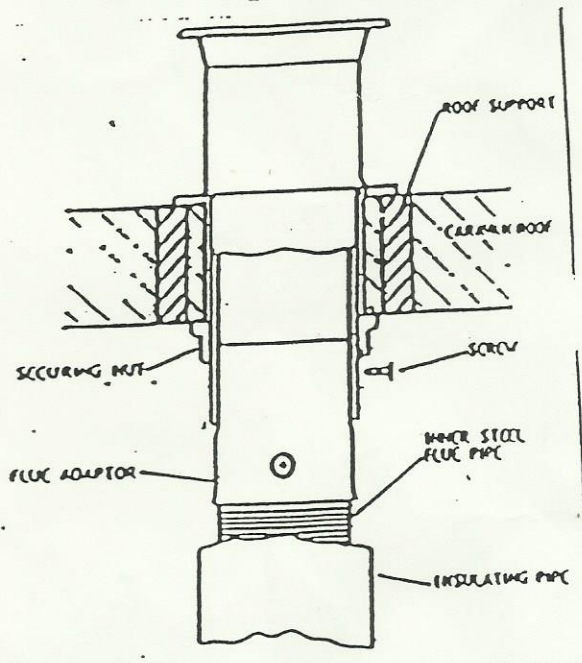
4.1 Remove the top panel from the installation box. Place the heater assembly into the installation box and fix with the 4 screws provided to the 'C' holes on the installation box FIG.1. Push the air inlet tube through the floor and screw into position.

5. Flue System

The flue pipe should be routed or if necessary guarded to prevent contact with clothing for a period of time.

Position the flue cowl at least 150mm inboard from the edge of the caravan roof in a position that allows the flue pipe to rise continually from the heater.

FIG 3



5.1 Drill a 65mm diameter hole through the caravan roof. Support must be placed between the inner and outer roof skins to avoid damage.

5.2 Push the cowl through the roof from outside and secure with the nut from the inside. Tighten sufficiently to compress the weather gasket to approximately half its original thickness (i.e. 1.5mm).

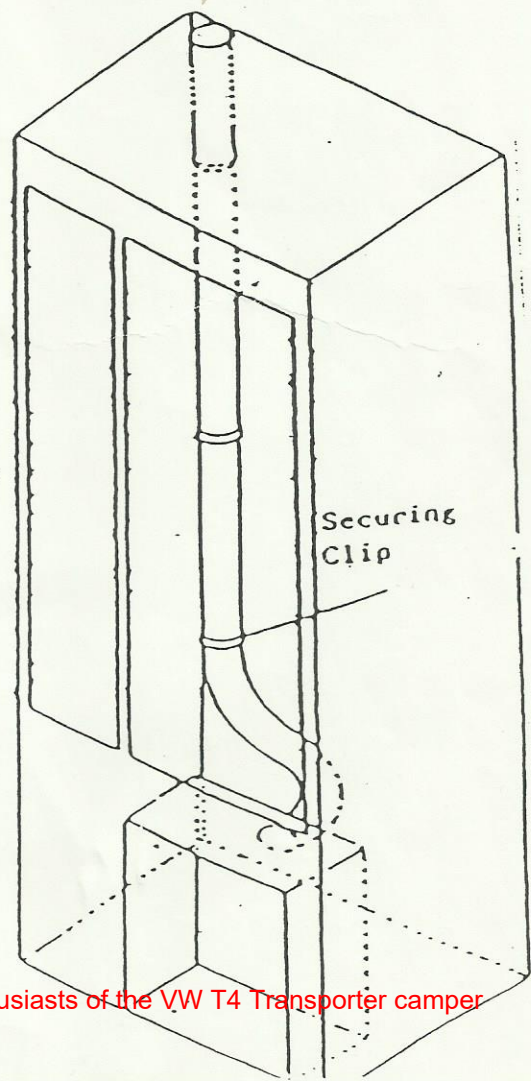
Fig.4

5.3 Take the length of insulated flue supplied, select the end with the cowl. Ensure that the holes in the cowl line up with the holes in the adaptor, then secure with the screws provided. SEE FIG.3.

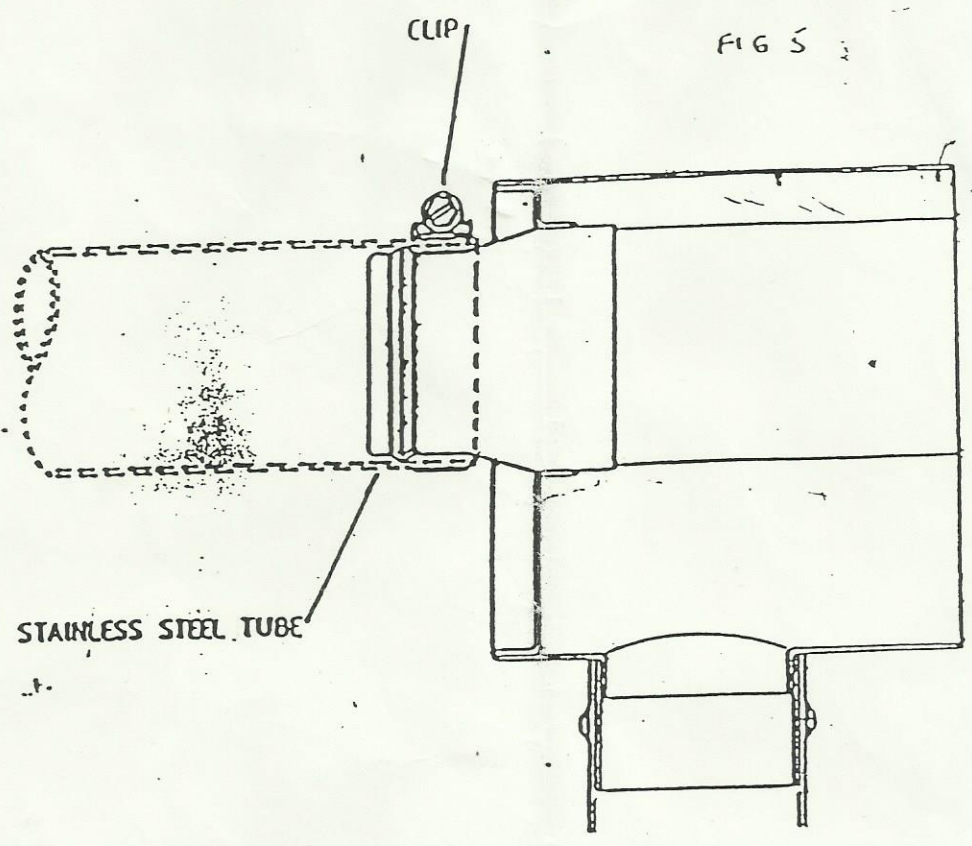
5.4 Route the flue pipe neatly down the back of the wardrobe to the heater flue outlet and secure with at least 3 clips SEE FIG.4. (NB when in position the flue pipes should rise continually from the heater to the flue cowl.

5.5 Connect the flue pipe to the outlet spigot on the heater and secure with the clip provided. Ensure the stainless steel tube is pushed fully home over the swage on the spigot and then tighten the clip behind the swage. SEE FIG.5.

5.6 The insulating pipe should then be pushed into position to cover all of the flue pipe.



6. Gas Connection  
The gas connection is  $R\frac{1}{4}$  ( $\frac{1}{4}$ in BSP) and should be connected to the caravan gas supply by a competent fitter. A 6mm supply is adequate.





## USERS INSTRUCTIONS

### THIS APPLIANCE IS FOR USE ON L.P. GAS ONLY

The Maxol Montana 1800C is a room sealed heater designed primarily for Caravan use. The heater is fitted with a combined gas tap and ignition generator which also incorporates a built in safety device to cut off the gas supply to the heater should any fault occur.

Clothing should not be allowed to come into close contact with the flue, for whilst the heater complies with the relevant British Standards, certain types of clothing may be damaged

### LIGHTING

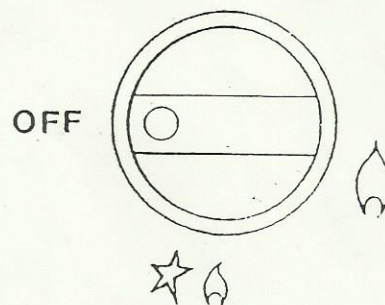
BEFORE INITIALLY LIGHTING THE HEATER OPEN DOORS IN THE VEHICLE TO DISSIPATE FUMES AND SMELL WHICH WILL BE GIVEN OFF DURING THE FIRST FEW MINUTES OF USE.

The control knob incorporates off - low (ignition) High positions with corresponding marking on the surrounding Fascia. See figure 1.

1. Press in and turn control knob slowly to the ignition position. The burner will light, if the burner fails to light then release the knob, turn off and repeat process.

2. With the burner alight continue to depress knob for 20 seconds then release slowly.

3. The control can now be set to any position between high and low to give the required output.



TOP VIEW OF CONTROL MARKINGS

FIGURE 1.

N.B. If the Burner fails to remain alight or goes out at any time wait for three minutes before re-lighting.

4. To turn the heating off completely depress control knob and turn to the off position.

### CARE OF YOUR HEATER

Cleaning - The heater should be cold.

Generally the heater will only require dusting but if it is marked, wipe with a damp cloth. Do not use aerosol sprays, wax polish or abrasive cleaners.

### SERVICING

For your own safety, it is necessary to have the complete gas installation and this appliance checked regularly paying particular attention to the soundness of the combustion system.