

MAINS ELECTRIC ADDITION KIT FOR MODEL RM122 (B & F)

KIT PART NO. 439248-00/6

The Kit consists of:-

| | | |
|---|--------------|--------------------------------|
| 1 | 2902518-00/6 | Dual Voltage Conversion Set |
| 1 | 2902466-00/8 | 220V 85W Heater |
| 1 | 2902514-02/1 | Thermostat Control Knob |
| 1 | 2901604-00/5 | Thermostat Capillary Clamp |
| 1 | 2902606-00/9 | Terminal Cover |
| 2 | 341873-01/6 | Screws for Terminal Cover |
| 4 | 273133-00/9 | Mounting Screws (self tapping) |
| 1 | 2901716-03/1 | Earth Wire |
| 1 | 2901716-05/6 | Earth Wire |
| 1 | 19340-00/9 | Earth Screw |
| 1 | 218176-00/6 | Nut |
| 1 | 290660-00/0 | Washer |

PROCEDURE

Empty the contents of the fridge and remove it from the recess.

1. Lay the fridge on its front and drill a small 'pilot' hole 2 3/4" from the base and 6 3/4" from the back left hand edge through to the inside of the cabinet.
2. Now increase the size of the pilot hole to 1/2" dia. from the inside of the cabinet. This is to accept the spindle of the thermostat control knob.
3. Open the boiler insulation to gain access to the heater. Early versions had a tin casing with a 'slide off' retaining clip. Later versions have foil wrapped insulation retained by two straps.
4. The 12V heater remains in-situ. Place the 220V heater into the vacant pocket beside the 12V heater.
5. Re-assemble the boiler insulation.
6. Remove the existing 12V terminal block.

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7. Mount the junction box assembly and the thermostat assembly on to the back of the cabinet in the positions shown on the diagram.

Suitable mounting holes should be already in the metal strip that goes across the back of the cabinet.

Refer to the wiring diagram for further clarification in conjunction with the following section:-

8. Connect the 12V heater with black leads into the small terminal block marked 12V (attached to the top of the junction box assembly).
9. Connect the 220V heater with brown leads into the larger terminal block mounted on the junction box assembly. Take care to use the correct terminals as shown in the wiring diagram.

Secure the heater leads with the cable clamp.

10. Connect the green/yellow earth lead supplied to the 220V heater 'push on' earth tag. Connect the other end of it together with the green/yellow earth lead from the terminal block to the unit mounting bracket using the earth screw, washer and nut supplied.

Also connect another earth lead from this point to the thermostat mounting plate.

11. Fit the terminal block cover using the two screws supplied.
12. Fit the thermostat control knob inside the cabinet.
13. Using something like a knitting needle make a small hole in the white polystyrene lining through the back of the cabinet in the vicinity of the ice tray pipework.
14. Gently uncoil the thermostat capillary and feed it up the back of the cabinet and through the small hole that has just been made. Secure the end of it to the fins underneath the ice tray pipework with the thermostat capillary clamp supplied.

Any excess length should be gently coiled up at the back of the cabinet.

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15. Mount the voltage change switch assembly wherever is convenient either above or below the fridge or any adjacent cabinet work.

Mains and 12V electrical supplies from the caravan wiring should be connected to the voltage change switch. The mains input lead is already wired in and needs an earthed mains voltage plug fitted to it to suit the individual caravan installation.

The 12V wiring connects to terminal block 'C'.

The 220/240V section of the fridge must be protected by a 3 amp fuse. The 12V section should be protected by a 10 amp (continuous rating) fuse as near to the battery as possible.

THE CARAVAN WIRING SHOULD COMPLY WITH ALL THE RELEVANT I.E.E. REGULATIONS AND CODES OF PRACTICE.

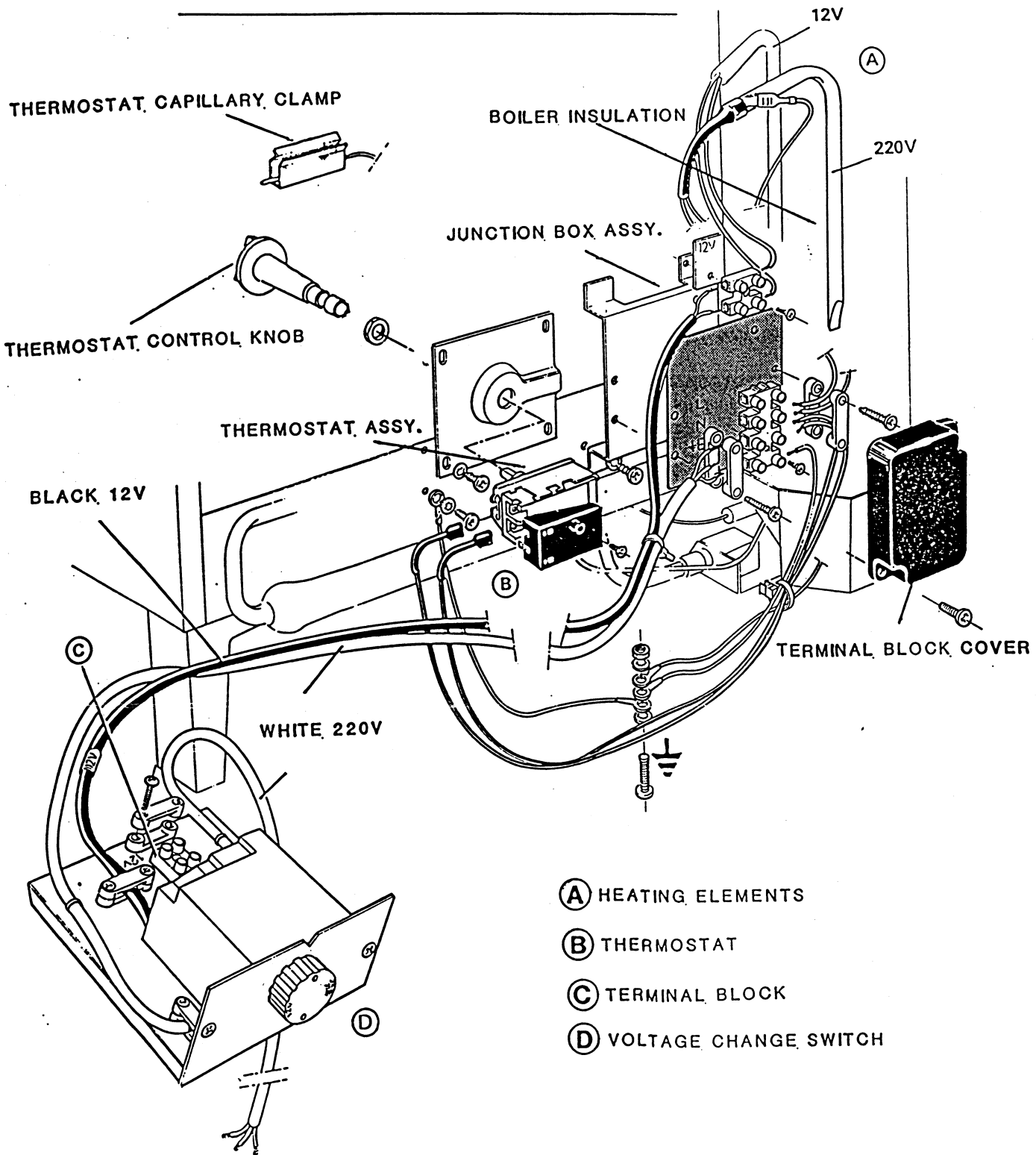
INSTRUCTION FOR USE

For operation on mains electricity the voltage change switch should be turned to 220/240V and the thermostat control knob set about mid way. This thermostat setting can be altered to suit individual requirements i.e. the higher the number chosen the colder it will make the fridge.

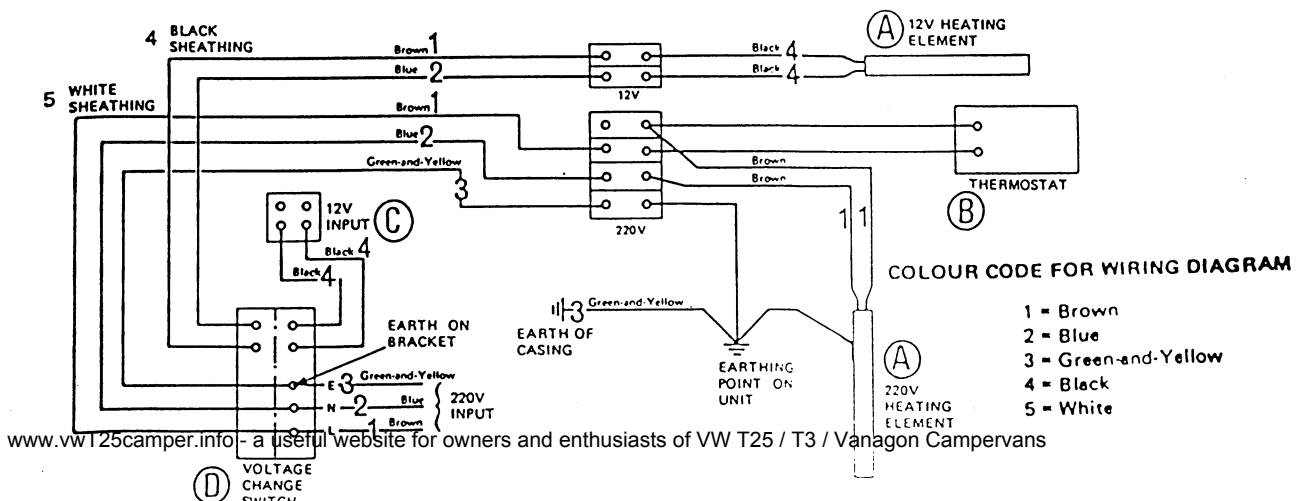
For towing the voltage change switch should be set to 12V. The 12V operation is not thermostatically controlled. The cooling unit will operate all the time it is connected and switched on. It is important to note that due to the comparatively high consumption when used on 12V operation it is only intended to be used in this way while the vehicle engine is running and charging the battery. To minimise the possibility of a drained battery due to the fridge being inadvertently left operating when the vehicle engine is at rest, it is recommended that a suitable relay device is fitted in circuit with the vehicle ignition switch, so that when the engine is off the fridge is also off.

When the fridge is running on gas, turn the voltage change switch to '0'.

RM122, RM122,B and RM122,F
ELECTRIC EQUIPMENT – DUAL VOLTAGE



- (A) HEATING ELEMENTS
- (B) THERMOSTAT
- (C) TERMINAL BLOCK
- (D) VOLTAGE CHANGE SWITCH





CARAVAN REFRIGERATOR MAINS ELECTRIC ADDITION KIT

Is your caravan wired for mains electricity?

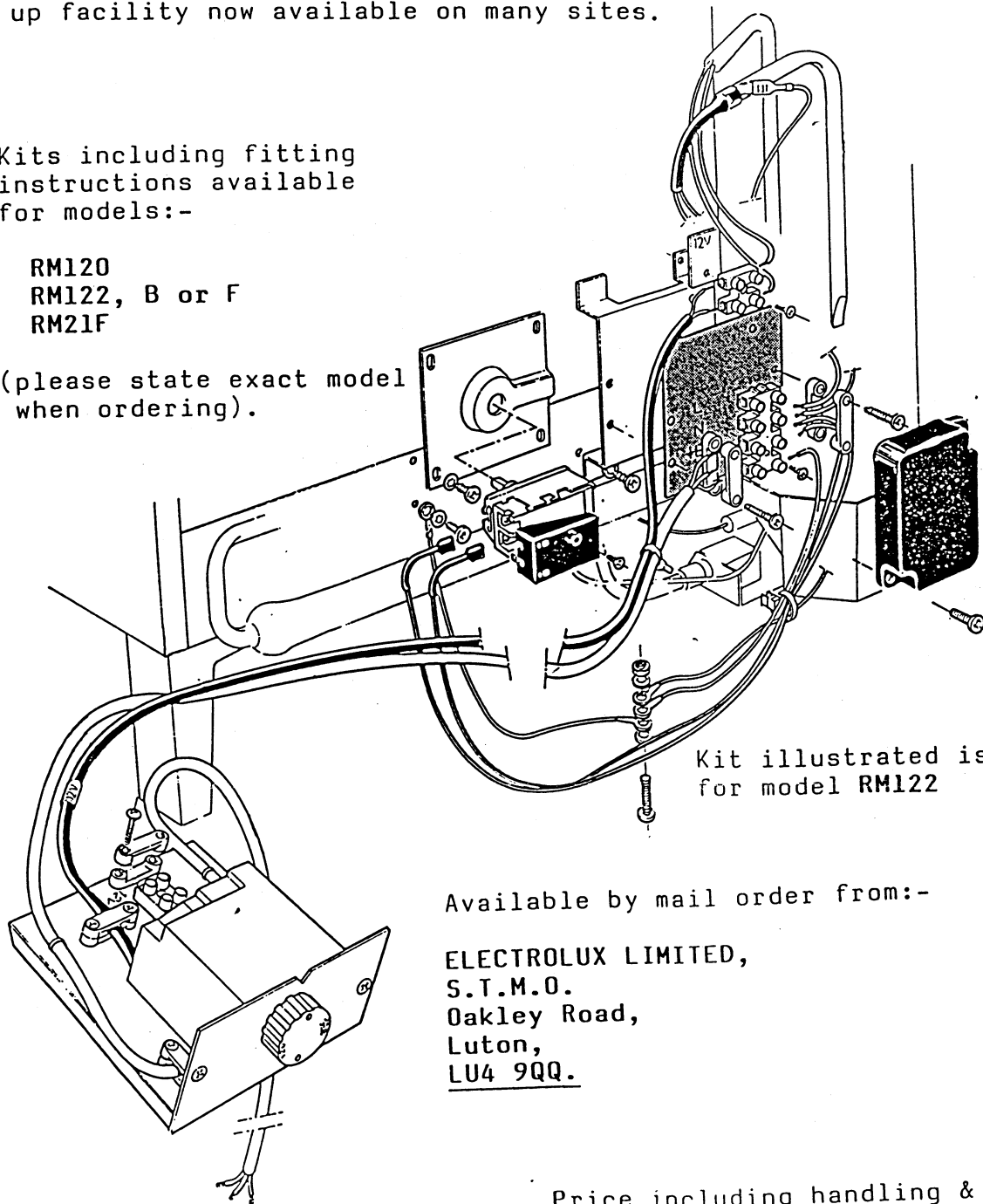
Is your Electrolux refrigerator gas and 12 volt operation only?

Why not convert to '3-way' operation by fitting a **Mains Electric Addition Kit** and take advantage of the mains hook up facility now available on many sites.

Kits including fitting instructions available for models:-

RM120
RM122, B or F
RM21F

(please state exact model when ordering).



Available by mail order from:-

ELECTROLUX LIMITED,
S.T.M.O.
Oakley Road,
Luton,
LU4 9QQ.

Price including handling & VAT

£31.05

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'Electrolux Service'

