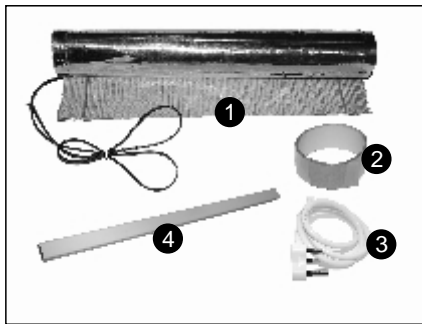


Carpet B-Warmer™

Congratulations on your purchase of one of the safest and most effective floor heating systems. Please take a few minutes to read these installation instructions to ensure that you enjoy many years of trouble-free service from your carpet heating system.



Box contents

1. Heater - Red marker stripe
2. Adhesive Tape
3. 16Amp moulded plug & cord
4. Trunking

Suitable thermostat models:



Manual



Programmable



Wireless
programmable

Your thermostat should be carefully selected in order to maximize comfort levels, reduce energy consumption and enhance lifestyle.



IMPORTANT NOTES

- This appliance is for indoor use only.
- The heating units are to be kept away from other heat sources.
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agent in order to avoid a hazard.
- Complete the carpet installation strictly according to the manufacturer's instructions.
- Do not cover the heated carpet with cushions, duvets, mattresses or other insulating objects.

1. Planning

When planning your layout ensure the heating panels are installed at least 300mm away from the perimeter wall to prevent any damage to the heater when a carpet stretcher or knee kicker is used during installation of the carpets.

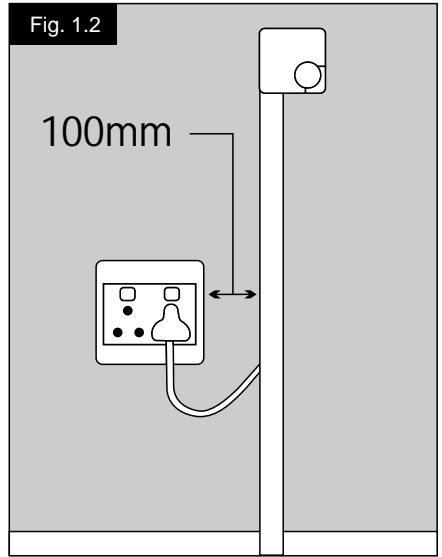
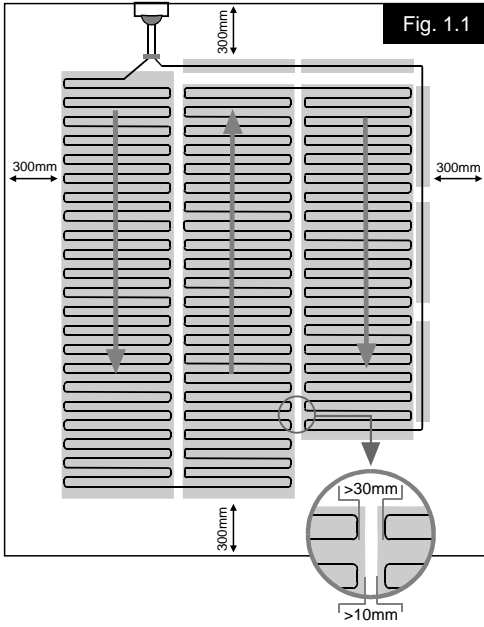
The floor must be clean, dry and free from small stones and gravel before laying down the underlay.

Before starting, carefully plan the position and layout of the heater in the area to be heated. The heater is manufactured in a strip form 600mm wide. The strip is laid out onto the floor allowing a >30mm gap between element loops (see drawing). Thereafter, the heater is taped down using the tape provided.

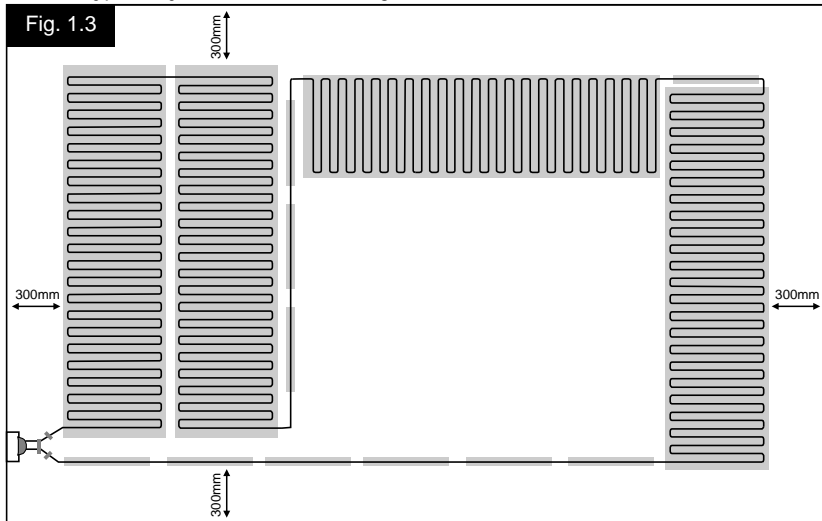
This configuration allows the heater to be installed with a width of 1, 2, 3, 4 etc, times the width of the strip (+10mm gap between strips). The length of the heater becomes $\frac{1}{2}$, $\frac{3}{4}$, etc, of the original strip length. The strips may also be taken apart by cutting the carrier and sticking the element down in any position.

Try to maintain a gap between elements of approximately 50mm, otherwise the floor will not be evenly heated(Fig.1.1).

The position of the thermostat/electrical supply point must be marked. Keep the trunking about 100mm away from the supply socket to allow for an optional multi-plug socket (Fig. 1.2).



Below is a typical layout for a bedroom (Fig.1.3)



Tools required

Basic tools required: tac lifter and bolster; knee kicker; glue gun; scissors; measuring tape; stanley knife; pliers; small chisel and hammer.

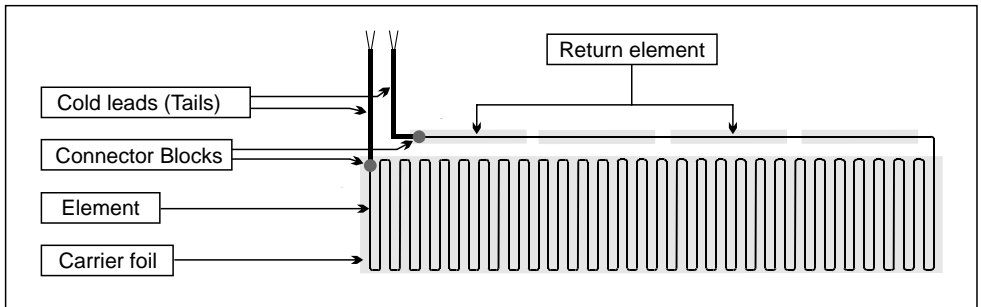
Precaution:

Do not drill, grind or hammer nails into the flooring, as this may damage the heating elements.



Getting started

Familiarize yourself with the terminology.



2. Installation instructions

Ensure the carpet underlay is laid onto a clean, dry surface, free from stones or gravel. Also ensure underlay is free from stones and gravel (Fig. 2.1) Vacuum or sweep to clean.

Unroll the heater onto the carpet underlay foil side facing down (Fig. 2.2).



Fig. 2.1

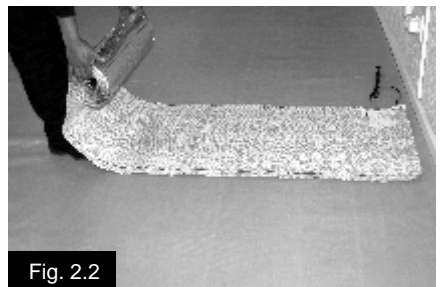


Fig. 2.2

Cut the carrier where necessary (Fig. 2.3) to allow the element to be placed in the best position. Take care not to cut through the element. Ensure the heater is placed at least 300mm or more away from the wall to make sure the carpet stretcher doesn't damage element when the carpet is installed (Fig. 2.4). Refer to Fig. 1.1 on pg 2.

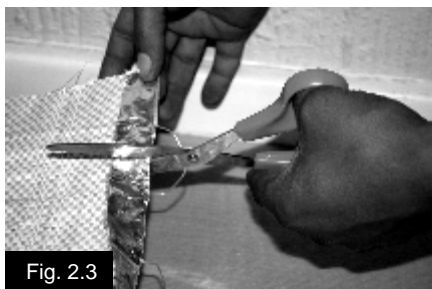


Fig. 2.3

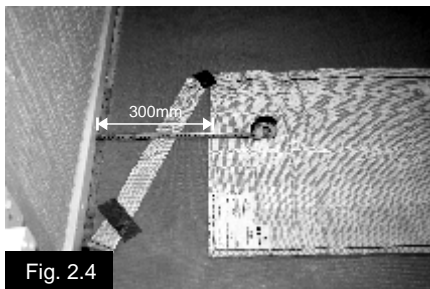


Fig. 2.4

Unroll the heater to the required length on the underlay to a position where you would need to return. Cut the carrier making sure not to damage the element (Fig.2.5/Fig. 2.6).



Fig. 2.5

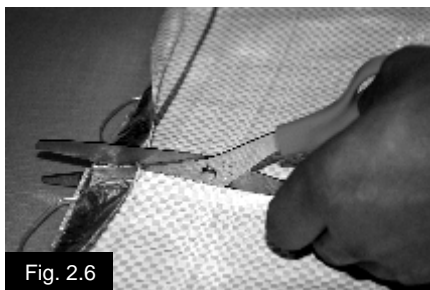


Fig. 2.6

Once cut, lay down the heater in the opposite direction (Fig. 2.7).

Ensure a gap of approximately 10mm - 20mm between the element strips and 30mm - 50mm between loops (Fig. 2.8). Avoid excessive traffic across the heating element during installation.



Fig. 2.7

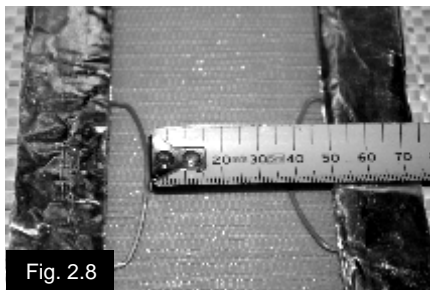
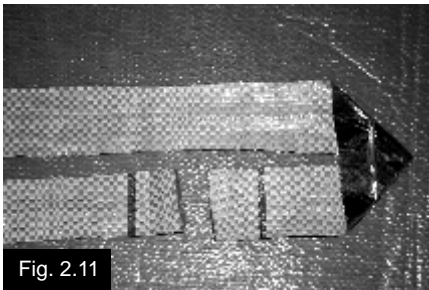
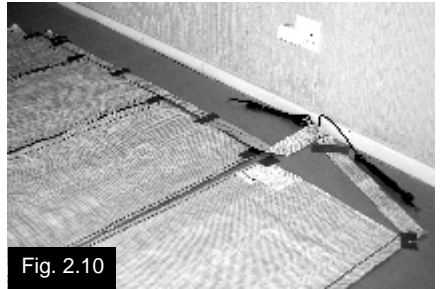
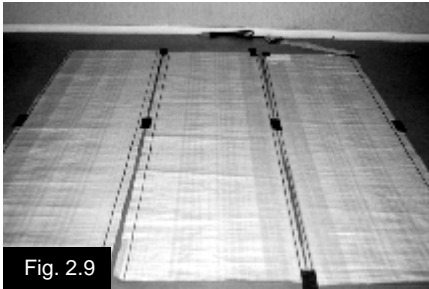
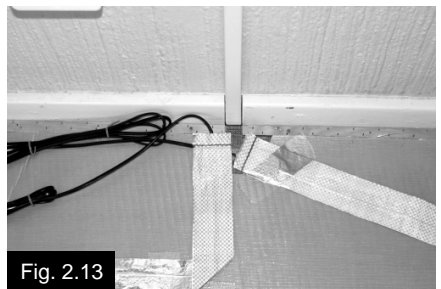
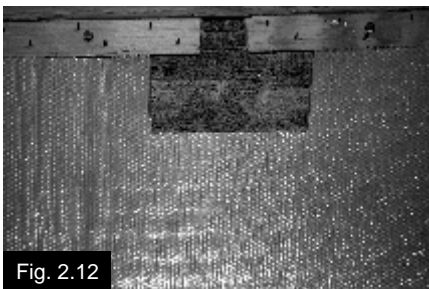


Fig. 2.8

Continue to unroll the remainder of the heater (Fig. 2.9) The strips may be taken apart further by cutting the carrier and taping element down in any position. Again take care not to cut the element. Run the element back to thermostat position (Fig. 2.10). The element can be twisted and flipped (Fig. 2.11) in order to align the element correctly back to starting position.



Cut away part of the underlay to allow connector blocks and leads to be recessed (Fig. 2.12). Cut away the skirting and gripper rods and allow the trunking to be placed into the skirting. This is to allow the cold leads to lead up to the thermostat (Fig. 2.13).



3. Thermostat connection

Retrofit: Your COLDBUSTER® heating system is classified as an electrical appliance. You are therefore not required to be an electrician to install the heater.

New building or renovation: All permanent electrical connections must be undertaken or be checked and approved by a qualified electrician and to be in accordance with electrical standards.

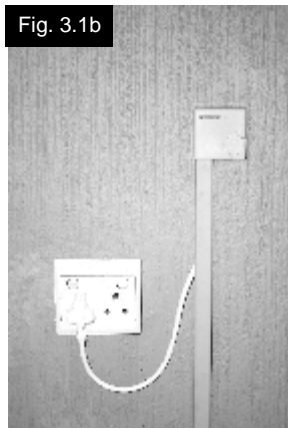
If you do not use the 16 amp plug supplied, a double pole isolator is required to disconnect the heater(s) from the electrical supply (your electrician can advise).

Ensure that the heating is connected through an ELCB (Earth leakage circuit breaker). Plug sockets are all ELCB protected. Test your ELCB regularly to ensure it is working.

KlimaStat™, EzeeStat II™ and RemoStat™ connections are explained on the insert inside the packaging of these models.

Bathrooms/showers: Ensure the thermostat and it's connections are at least 600mm (0.6m) away from the bathtub or shower pan measured in a horizontal direction and take special care that bathroom floor heaters are properly earthed and connected through an ELCB (consult an electrician).

Place the cold lead wires up through the trunking supplied with the heater and attach the trunking to the surface of the wall (Fig. 3.1 a/b), leading to where the thermostat or wireless receiver will be placed (Fig. 3.2).



Note:

To connect your choice of thermostat via a plug and socket, refer to the relevant installation guidelines for the thermostat.

With programmable thermostats it is advisable to mount the thermostats at eye level position. Wiring may be hidden behind furniture or in cupboards.

eg. Cold tails may be wired through wardrobes or built-in cupboards.

Limited Product Warranty

Our products are guaranteed to be defect free at the time of supply to the purchaser. The manufacturer's liability is limited to the replacement of faulty heaters.

The manufacturer assumes no responsibility for the improper installation of its products nor for any consequential loss.

We recommend that your floor heating be installed by an experienced installer and that electrical connections be made or checked by a qualified electrician.

The product carries a 7 year warranty against manufacturing defects.

Contact details



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