

# LOHEAT DOOR HEATING EQUIPMENT



## INSTALLATION INSTRUCTIONS

The Loheat door heating system uses a very thin stainless steel strip which is enclosed in an envelope of polyester tape. The tape is energized from a low voltage transformer which has a double pole input switch with neon and an output fuse.

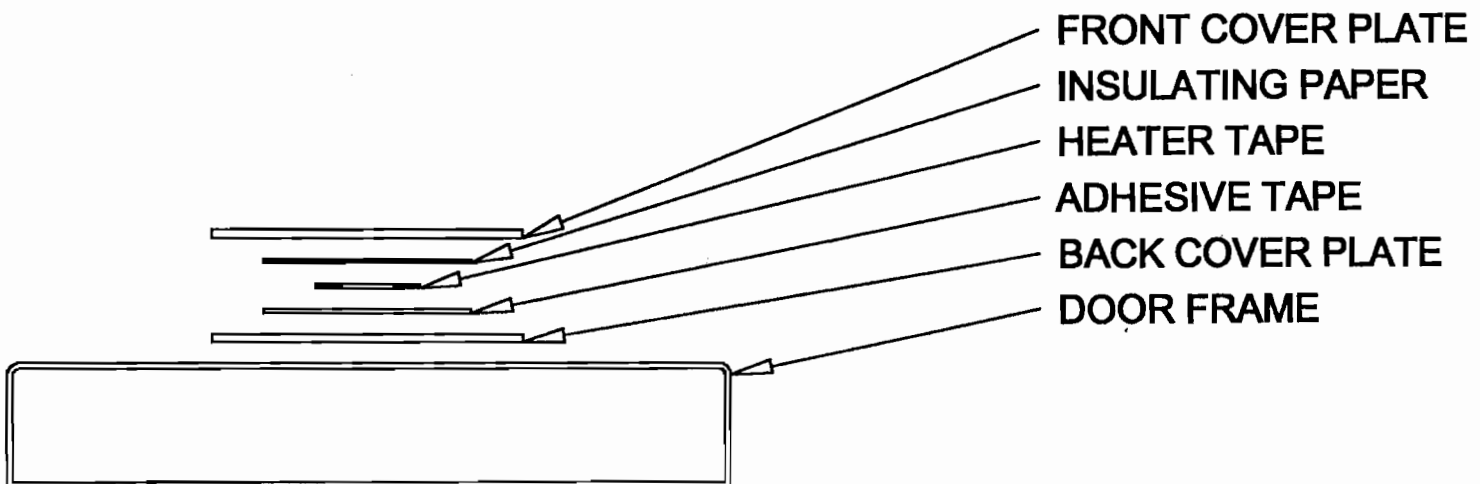
Available heater tape widths and roll lengths are as follows:

HEATER TAPE SIZE  
1" or 1/2" or 1/4"

ROLL LENGTHS  
10 or 20 or 30 or 50M

### FITTING INSTRUCTIONS

To comply with fire regulations, the heater tape must be separated from any combustible surface by means of a metal back plate. The heater tape is fixed in place using double sided adhesive tape. It is then covered with insulating paper and then protected with a metal front plate, as shown below.



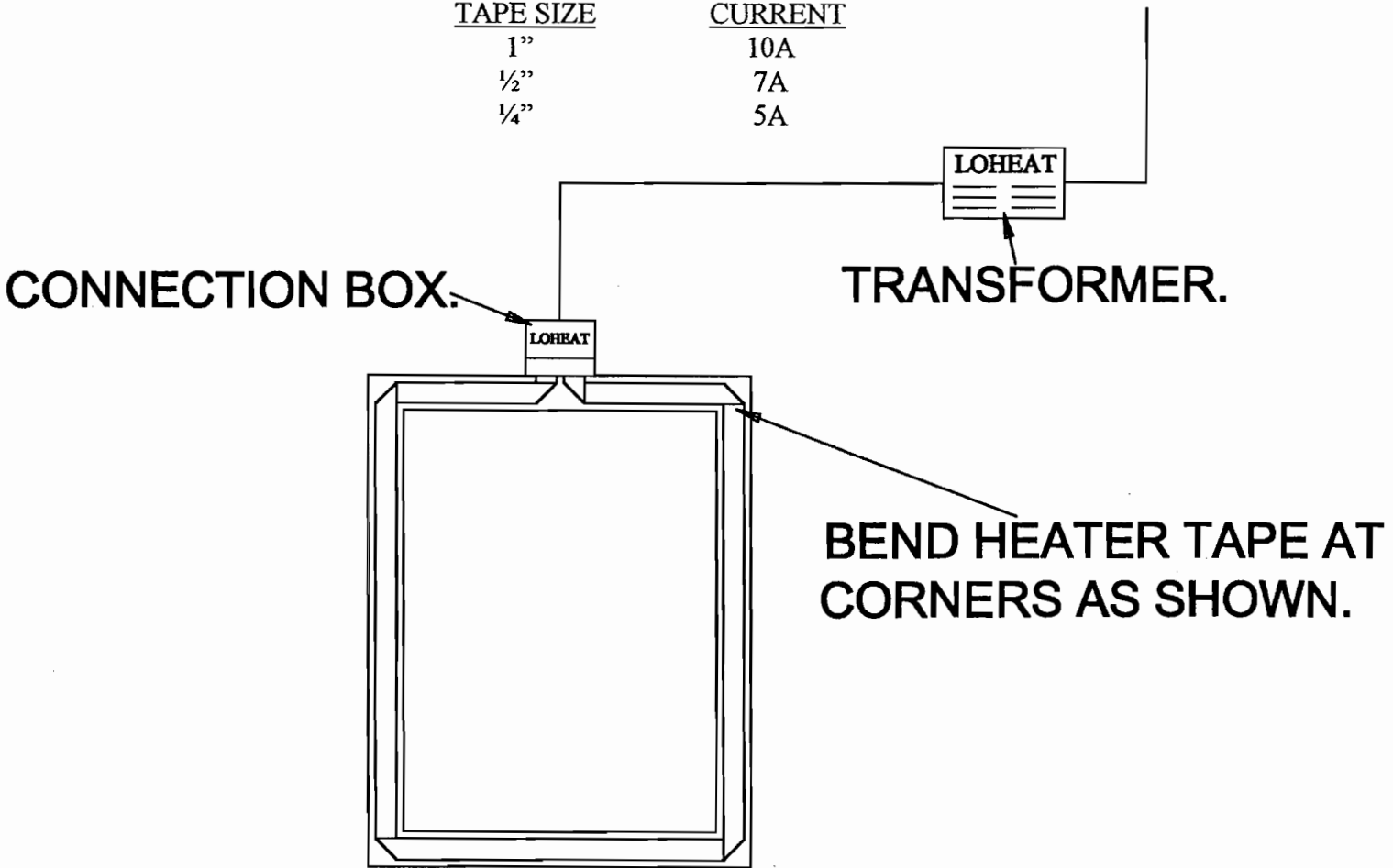
### CROSS SECTION OF DOOR SHOWING TYPICAL HEATER TAPE INSTALLATION

- 1 Mount the connection box, bare the ends of the heater tape and clamp them between the connection box busbar terminals.
- 2 Install the transformer and run a 3 core cable from the connection box to the transformer output terminals. Use 2.5mm<sup>2</sup> cables.
- 3 Refer to the tapping chart inside the transformer lid and adjust the required output voltage tapping for the required length of heater tape.
- 4 Connect a 240V 50Hz supply to the input terminals on the green rocker switch using the two spare blue crimps.

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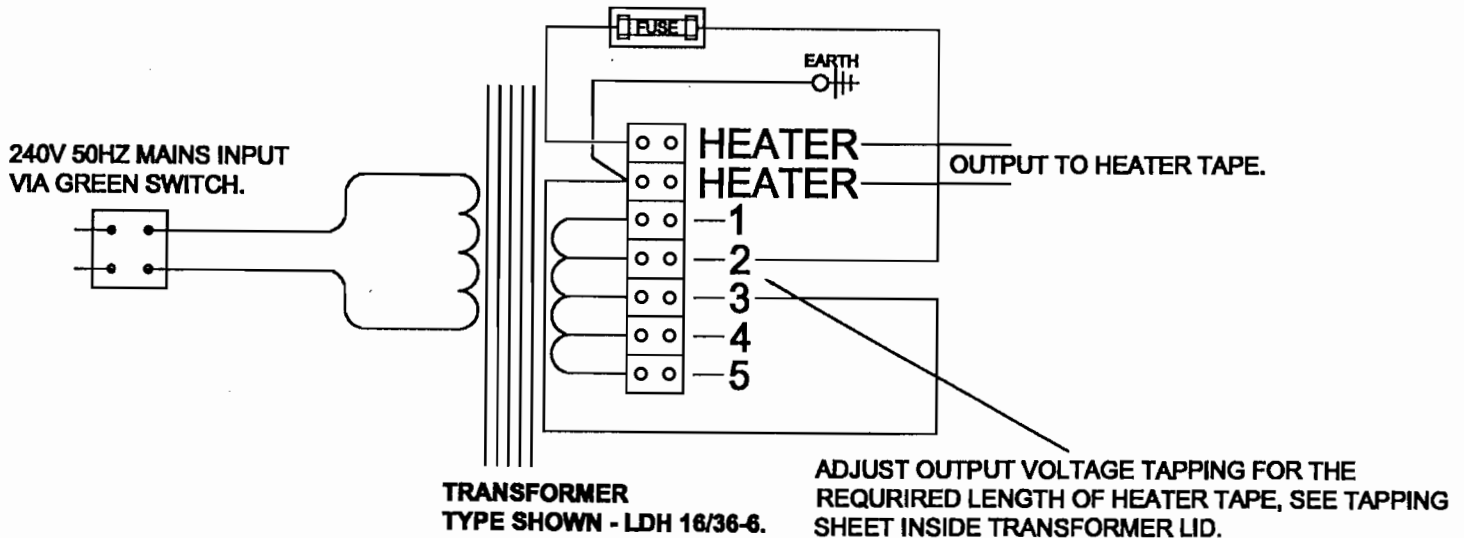
- 5 Ensure that the earth terminal is wired correctly and that all cover plate metal work is correctly bonded to earth.
- 6 Heater tape currents should be checked using a clamp type ameter and are appoximatly as follows.

<u>TAPE SIZE</u>	<u>CURRENT</u>
1"	10A
1/2"	7A
1/4"	5A



## TYPICAL HEATER TAPE INSTALLATION.

## GENERAL WIRING DIAGRAM.



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