

## INSTALLATION

Ensure the electricity supply is disconnected from any relevant fixed wiring before commencing the installation. The supply circuit must be adequate for the input of the appliance and must be protected by a 13 Amp fuse.

The heater must not be located immediately below a fixed socket outlet.

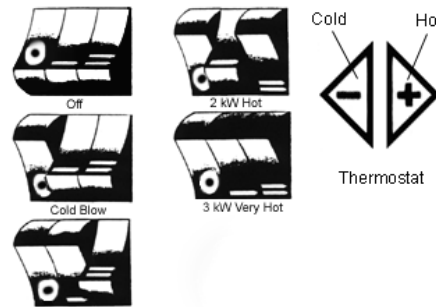
## PROCEDURE

1. Remove top grille (2 screws).
2. Mark screw fixing positions on wall in accordance with dimensions shown on the diagram. The unit must be screwed to the wall with 3 screws, through the holes provided in the back panel. Drill 3 holes in wall to suit No. 10 wood screws (round head) and insert rawlplugs. At screw position 'B', screws can now be screwed in until the heads are approximately 11.0mm from wall. The unit can be hung on these 2 screws, while the centrally placed screw (C) is positioned. Before finally tightening all 3 screws ensure the unit is truly horizontal.
3. Refit top grille.

## CONTROLS

When the Appliance is connected to the mains supply and the wall socket switched 'ON' the mains neon indicator will light, showing that the power is available to the unit.

All heaters are fitted with a thermostat. To set the thermostat to the required temperature turn the control knob fully clockwise. When desired room temperature is reached, turn the knob slowly anticlockwise and when the thermostat 'clicks' off, leave the control at this setting. Thereafter, the heater controls the heat output automatically.



## CONNECTION TO THE MAIN SUPPLY

Electrical installation should be carried out by a competent installer, preferably registered with NICEIC (National Inspection Council for Electrical Installation Contracting) in accordance with the 16 edition of the IEE Wiring Regulations, (BS.7671: 1992), and any relevant Local Authority Bye-Laws.

This heater is fitted with a 3-core mains supply cable and should be permanently connected to the electricity supply via a double pole switch having 3mm gap on each pole.

A switched Fused Connection unit to BS.1363. Part 4 is a recommended mains supply connection accessory to ensure compliance with safety requirements applicable to fixed-wiring installation.

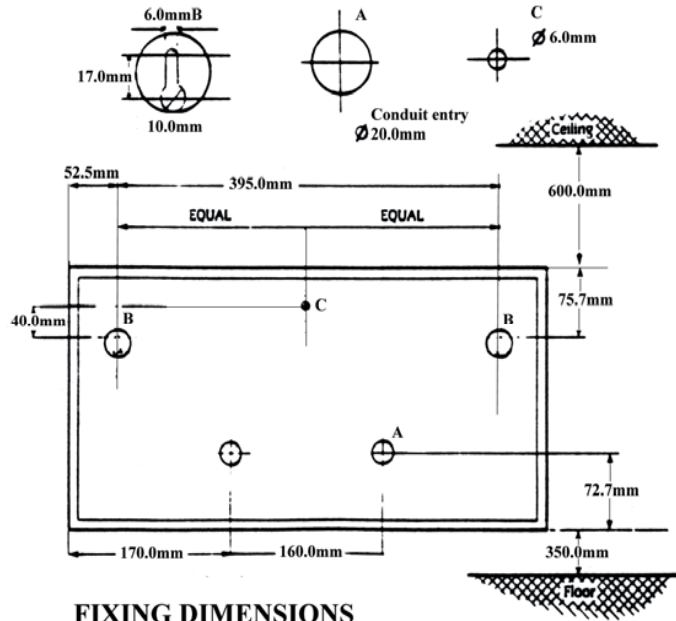
## MAINTENANCE

ALWAYS ENSURE THAT THE MAIN EXTERNAL ELECTRICAL SUPPLY IS SWITCHED OFF BEFORE ANY MAINTENANCE IS CARRIED OUT.

To obtain the best results from the heater, it is necessary to avoid any accumulation of dust or dirt within the unit or on the air inlet grille. The unit should be cleaned regularly.

If the supply cord on this appliance is damaged, it must be replaced by a special cord which is only available from an Authorised Service Agent or your supplier.

NOTE: FOR SAFETY, THE GRILLE MUST BE FITTED



FIXING DIMENSIONS

## PROTECTION (THERMAL CUT-OUT)

The unit is protected in the event of fan failure, or an obstruction of the free air flow, by a single thermal PTC Self Hold Cut-out. Having tripped the PTC Cut-out remains open, effectively switching off the heating elements as long as mains power is available inside the appliance. The Cut-out will only reset when the appliance is switched OFF and allowed to cool for at least 20 minutes.

## TO RESET THE PTC SELF HOLD CUT-OUT

DO NOT ADJUST BY HAND ANY INTERNAL COMPONENTS:

- a) The Cut-out is reset by switching OFF mains power to the appliance.
- b) Allow the appliance to cool for 20 minutes.
- c) Restart, switch ON the appliance. If the Cut-out trips again a qualified electrician should be called.

## TO REPLACE THE FAN/HEATER UNIT

- a) Ensure that the mains supply is switched off.
- b) Remove the top and bottom grilles (2 screws per grille).
- c) Remove chassis (4 pan head screws) - disconnect leads from terminal block.
- d) Remove front panel (4 hexagon headed screws).
- e) Disconnect the push connectors from the heater and motor leads from relevant switch. Note the correct positions.
- f) Remove the 4 pan head heater fixing screws. The blower/heater can now be lifted out of the unit.
- g) Fit replacement blower/heater and re-assemble in the reverse order (g-a).

## TO REPLACE A SWITCH

- a) Ensure the mains supply is switched off.
- b) Remove the top and bottom grilles (2 screws per grille.).
- c) Remove chassis (4 pan head screws) and disconnect leads from terminal block.
- d) Disconnect the push on connectors to the faulty switch. Note the correct positions.
- e) Depress the plastic tabs on the back of the switch and ease out through the cut-out.
- f) Insert new switch, replace connectors, and re-assemble in the reverse order (f-a).

## TO REPLACE THE THERMOSTAT

- a) Ensure the mains supply is switched off.
- b) Remove the top and bottom grilles (2 screws per grille).
- c) Remove thermostat knob.
- d) Remove chassis (4 pan lead screws) and disconnect leads from terminal block.
- e) Disconnect the push on connectors from the faulty thermostat. Note the correct positions.
- f) Remove thermostat (2 screws).
- g) Refit new thermostat, replace connectors and re-assemble in the reverse order (g-a).

## SAFETY

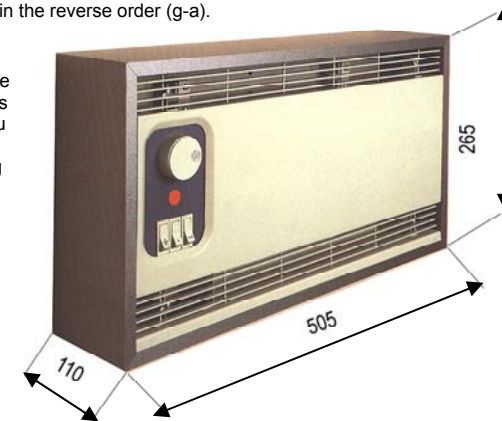
This equipment has been designed and manufactured to the highest international standards, but like all electrical appliances which are operated by mains voltage, care must be taken if you are to obtain the best results and safety is to be assured.

The appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.

- Do NOT use this appliance in bathrooms or where similar conditions of excessive moisture are present.
- No NOT handle the appliance with wet hands.
- Do NOT use the appliance in an enclosed room so small that the heater will generate ambient temperatures in excess of 30°C.
- Do NOT use the appliance with young children unattended.
- Do NOT use the appliance in workshops or rooms where excessive dust is generated or present.
- Do NOT touch outlet grille when appliance is in use.
- Do NOT cover or restrict any aperture of the appliance when in use.
- Do NOT use the appliance if damaged.

If the appliance has been kept in freezing conditions, run at cold/fan setting for 5 minutes before using heat settings. This appliance meets the requirements of EU Directive 98/336/EEC for EMC.



OVERALL DIMENSIONS

# Xpelair Limited

## GUARANTEE

This guarantee is offered to you as an extra benefit and does not affect your legal rights.

This wall mounted fan heater is guaranteed for one year against faulty material or workmanship. This applies only if the appliance has been used for purposes in accordance with the instructions provided and has not been connected to an unsuitable electricity supply, or subject to misuse, neglect, damage or modified or repaired by any person not authorised by us.

The correct electricity supply voltage is shown on the rating label attached to the appliance.

## TECHNICAL ADVICE AND SERVICE

Customers outside UK – see 'INTERNATIONAL' section below.

UK – Xpelair have a comprehensive range of services including:

- Free technical advice from Engineers on all aspects of space heating.
- Free design service, quotations and site surveys.
- Service and maintenance contracts to suit all requirements.

*Please ask for details*

- By telephone on Techline: +44 (0) 8709 000430
- By fax on Techfax: +44 (0) 8709 000530
- At the address below.

## HEAD OFFICE, UK SALES OFFICE AND SPARES

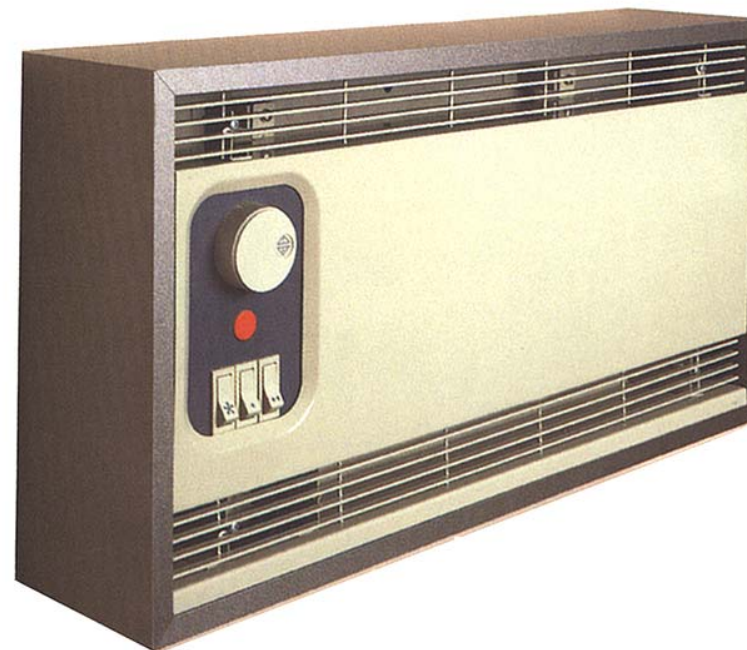
- GDA Applied Energy Ltd, Morley Way, Peterborough, PE2 9JJ, England.  
Tel: +44 (0) 1733 456789  
Fax: +44 (0) 1733 310606  
Sales Hotline: +44 (0) 8709 000420  
Spares Hotline +44 (0) 8709 050144  
<http://www.Xpelair.co.uk>

## UK REGIONAL OFFICES (PRODUCTS AND SPARES)

- Northern Ireland  
18, Westbank Road, North Foreshore, Belfast, BT3 9LB  
Tel: +44 (0) 1232 771400  
Fax: +44 (0) 1232 777520  
Techline: +44 (0) 500 600203
- Regional Office  
GDA Applied Energy Ltd, Morley Way, Peterborough, PE2 9JJ, England

## INTERNATIONAL

- Guarantee: Contact your local distributor or Xpelair direct for details.
- Technical Advice and Service: Contact your local Xpelair distributor.
- Export Sales & Administration  
GDA Ltd, Morely Way, Peterborough, PE2 9JB, England  
Tel Int: +44 (0) 1733 568989  
Fax Int: +44 (0) 1733 341783



# Wall Fan Heater DCH3000A

## Installation Instructions

To be retained by the user for future reference



FM 11408  
QAS 3284/37



58000222 Iss 03