



Installation instructions

MODELS DH 15AX - DH TTW 15AX

Health & safety warnings

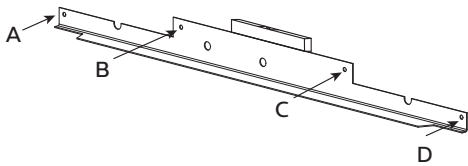
As the Heat Pump contains electrical and rotational equipment, it is recommended that **ONLY** competent persons carry out any work on this type of machine (see warranty).

ISOLATE ELECTRICALLY BEFORE ENTERING MACHINE OR REMOVING PANELS.

This 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.

The Calorex TTW units are designed for installation in a heated room, adjacent to the pool room.

INSTALLATION - MODEL DH 15AX - DH TTW 15AX



1. Remove machine from packaging and locate fixing bracket.
2. Locate bracket on wall in required position. Drill hole $\text{Ø}6.0\text{mm}$ (no.10) by 60mm deep as shown at 'A'. Insert wall plug and screw bracket in place.
3. Set bracket level with spirit level as shown, drill through and fix it at 'B' with wall plug and screw.
4. Ensure bracket still level, tighten screws 'A' and 'B', finally drill and fix as above at position(s) 'C' & 'D'.
5. Check all screws are tight.
6. Remove machine cover, retaining all fixings.
7. Lift dehumidifier on to wall bracket and mark fixing holes.
8. Drill holes and fit wall plugs as stage 2.
9. Fit dehumidifier to wall.
10. The electrical supply to the unit must be sized according to the data on the serial number label paying special attention to I.E.E. regulations latest edition regarding the special conditions governing electrical supply to machines in potentially damp areas.
11. The electrical supply should be connected to the terminal block mounted on the bracket supporting the compressor. Brown/red to 'live', blue/black to neutral and earth to the stud provided.
12. Whilst not mandatory, the Dantherm Group recommend that an R.C.C.B. is always fitted or that the supply is to local electricity authority recommendations, and that all ducting is bonded in accordance with these regulations.
13. The supply to the machine should incorporate fuses or motor rated circuit breakers (Type C) to specified rating, H.R.C. fuses are recommended. An isolator must be fitted within clear view and not more than 2 metres away. The isolator must have a minimum 3mm air gap in the off position.
14. Locate pipe from drip tray and run it away to waste.
A short length of 10mm pipe is provided which should be led into a fixed waste pipe.
15. Set Humidistat to, "drier", point on knob provided.

TTW MACHINES

Fit grilles, supplied with the Heat Pump, in position required. Self-adhesive base supplied with the unit to be fitted to the grill frame as shown in the diagram below. Filters to be fitted to grille. Isolate machine electrically before entering machine or removing panels.

MACHINE OPERATION

MAINTENANCE

- a. Ensure air inlet/outlets are kept clear and clean.
- b. Wipe clean with damp cloth.

MACHINE NOT RUNNING AT ALL

CHECK THE FOLLOWING:

1. Is supply switched on.
2. Is supply fuse healthy.
3. Check air inlet and outlet for obstructions.
4. If, after carrying out the above and waiting 1 hour, the machine does not start, phone for service.

MACHINE FAN ONLY RUNNING

5. Check air inlet and outlet for obstructions, if after 30 mins the machine has not restarted phone for service.

WATER LEAKING FROM BASE OF UNIT

6. Check connection from machine to drain for blockages and clear accordingly. Check fall is adequate.
7. Check that machine is level both vertically and horizontally.

The user check list should be carried out before initiating a service call.

Do not attempt to interfere with any internal control settings as these have been factory calibrated and sealed.

If in doubt or if advice is required, contact the Dantherm group UK Service Department. by calling (01621) 856611 (option 4) or email service.department@dantherm.com.

OPTIONAL HUMIDISTAT (IF FITTED)

MACHINE NOT RUNNING AT ALL.

- a. Turn humidistat knob fully clockwise.
- b. Check air inlet and outlet for obstructions, if after 30 mins the machine has not restarted phone for service.

Note: The Reply Paid Warranty Registration Card must be returned to ensure the correct warranty is given. If you do not find a Registration Card with your machine please contact Dantherm Group UK Service Department giving your name address and serial number of your machine. A card will then be sent to you for completion.

GAS CHARGE

The dehumidifier incorporates a hermetically sealed refrigeration circuit containing less than 6kg of refrigerant. R407c Global warming potential (GWP) 1774.

DIMENSIONS FOR TTW15AX DUCTING

