

Please read these instructions carefully as they will enable you to get maximum efficiency and reliability from your new Calorex Dehumidifier.

TECHNICAL MANUAL OTW15/TTW15AX WALLHUNG DEHUMIDIFIER

SD426353 ISS 1

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SECTION 1

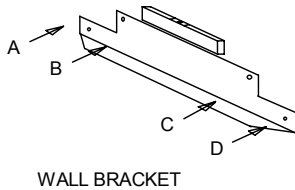
1.0 USER & SAFETY INSTRUCTIONS

1.1. HEALTH & SAFETY AT WORK ACT 1974

Under Section 6 of the above act, it is the duty of the manufacturers and suppliers of products for use at work, to ensure, so far as is reasonably practicable, that such products are safe and without risk to health when properly used and to make available to users of such products, adequate information about their safe and proper operation. Please pay particular attention to the safety precautions and user instructions below, which will help to give you trouble free use of the equipment.

1.2 HEALTH & SAFETY WARNING

As the unit contains electrical and rotational equipment, it is recommended that only competent persons carry out any work on this type of machine (see guarantee). Isolate machine electrically before entering machine or removing panel.



1.3 INSTALLATION

- a). Remove machine from packaging and locate wall bracket.
- b). Locate bracket on wall in required position. Drill hole $\text{\O} 6.0\text{mm}$ (no. 10) by 60mm deep as shown at 'A'. Insert wall plug and screw bracket in place.
- c). Set bracket level with spirit level as shown, drill through and fix it at 'B' with wall plug and screw.
- d). Ensure bracket still level, tighten screws 'A' and 'B', finally drill and fix as above at position(s) 'C' & 'D'.
- e). Check all screws are tight.
- f). Remove machine cover, retaining all fixings.
- g). Lift machine onto bracket and mark fixing holes.
- h). Remove machine, drill wall and fit wall plugs.
- j). Fit machine to wall using fixings supplied.
- k). Electrical supply to the unit must be sized according to the data on 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.
- l). 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 stud provided.
- m). Locate drain and run to waste ensuring continuous fall from machine for total length of line.
- n). Set Humidistat to "drier" point on knob provided to check operation. Reset to required level once finished.
- p). Fit cover ensuring that its **earth lead is connected.**
- q). TTW models: Fit grilles and inlet filter supplied. (NOTE : USE B & C FIXINGS ONLY). Fit self adhesive base as shown in section 3.2 TTW15AX.

1.4 OPERATION

- a). The red mains light signifies that power is supplied to the unit.
- b). The machine will start automatically, providing that there is a demand from the humidistat.
- c). To alter the humidity, remove the machine cover and alter the humidistat.

1.5 MAINTENANCE

- a). Ensure that the air inlet/outlet grilles and the inlet filter are kept clear and clean.
- b). Wipe machine clean with a damp cloth.

SECTION 1 CONT.

1.6 USER CHECK LIST

1.6.1 MACHINE NOT RUNNING AT ALL.

CHECK THE FOLLOWING.

- a). Is the supply switched on.
- b). Is the supply fuse healthy.
- c). Check the air inlet and outlet for obstructions and that the filter is not blocked.
- d). Is the Humidistat knob turned fully anti-clockwise (drier). (If fitted).
- e). If after carrying out the above and waiting 30 mins, the machine does not start, telephone for service.

1.6.2 MACHINE FAN ONLY RUNNING

CHECK THE FOLLOWING

- a). Check the air inlet and outlet for obstructions and that the filter is not blocked.
- b). If after 30 mins the machine has not restarted, telephone for service.

1.6.3 WATER LEAKING FROM BASE OF UNIT

CHECK THE FOLLOWING

- a). Check the connection from the machine to the drain for blockages and clear accordingly. Check that fall is adequate.
- b). Check that the machine is level both vertically and horizontally.
- c). Check that the 'fun dish', if fitted is not blocked.
- d). Check that the drip tray is clear to drain point.

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

CONTACTING CALOREX

IF IN ANY DOUBT PLEASE ASK

Email : service@calorex.com

01621 857171



Website : <http://www.calorex.com>

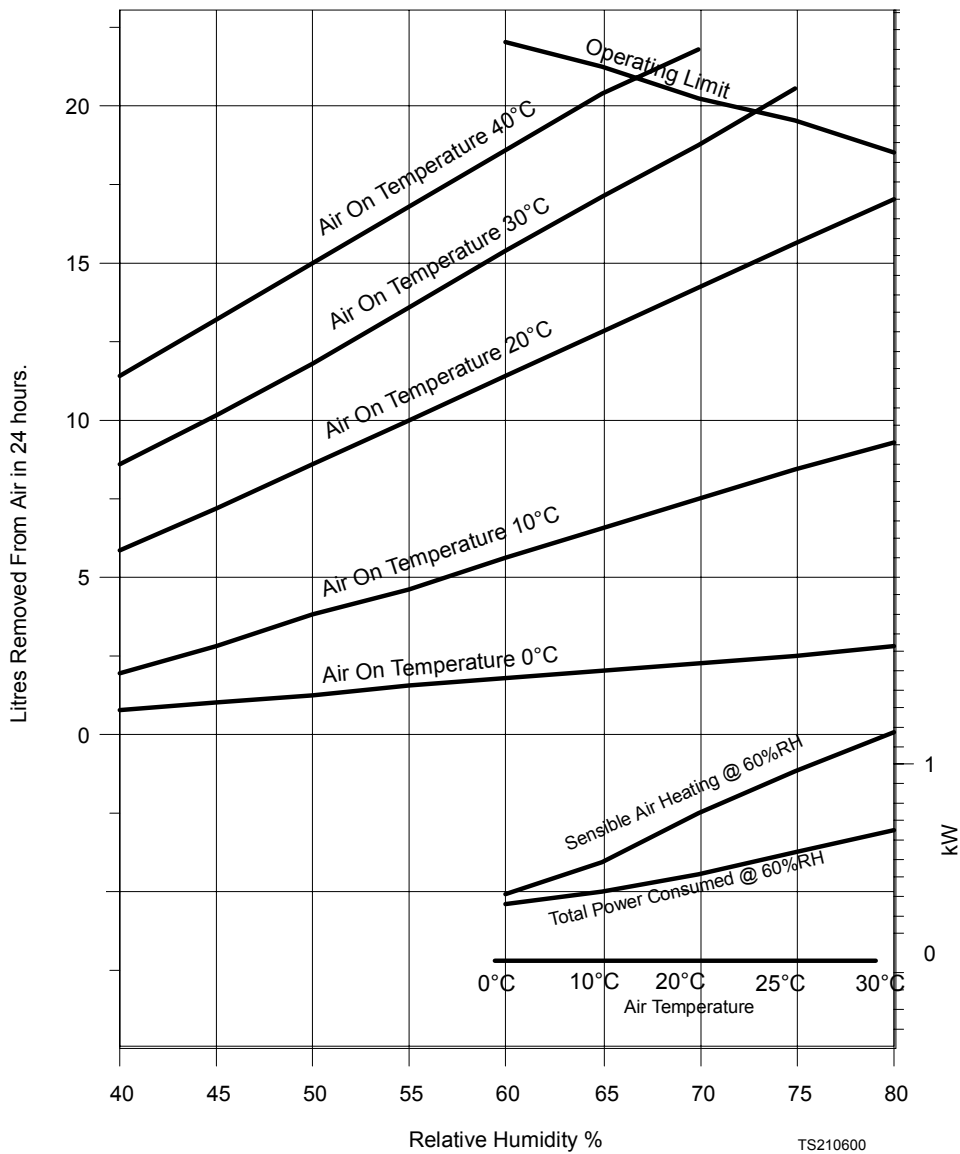
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Please give MODEL NUMBER and SERIAL NUMBER of your dehumidifier when making technical or service enquiries. This will assist in correct diagnosis and ensure that service is provided with the minimum delay.

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 Calorex Service Department or your dealer giving your name, address and serial number of your machine, a card will be sent to you.

2.0 PERFORMANCE GRAPH & DATA SHEET

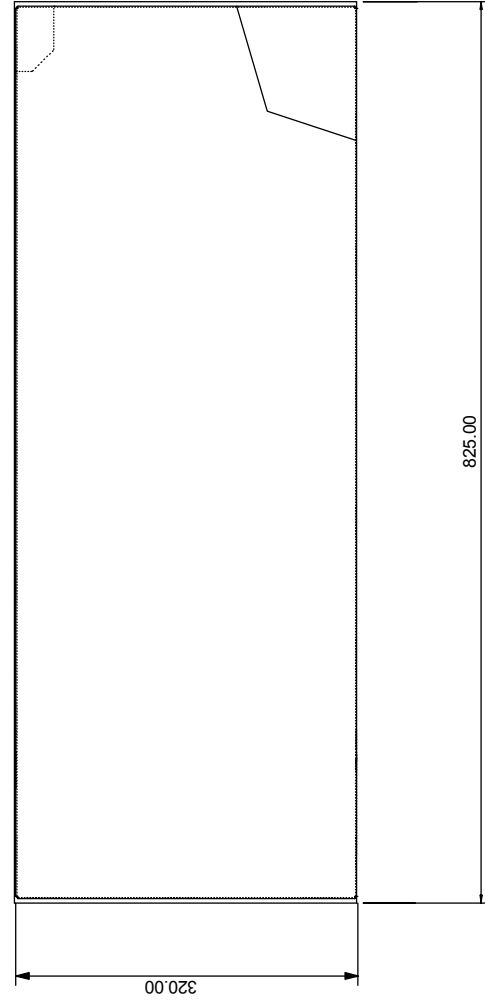
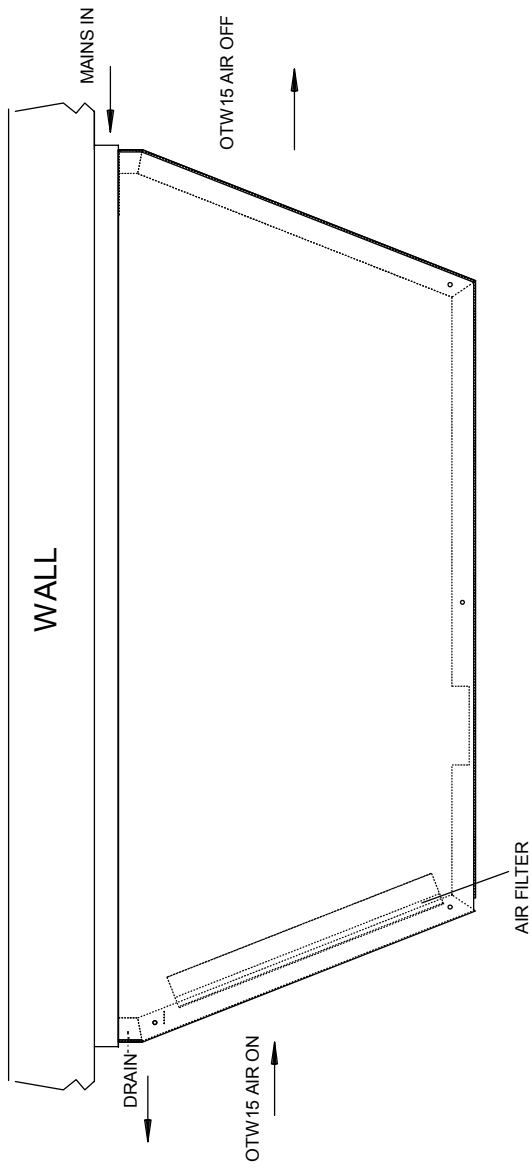
OTW15/TTW15



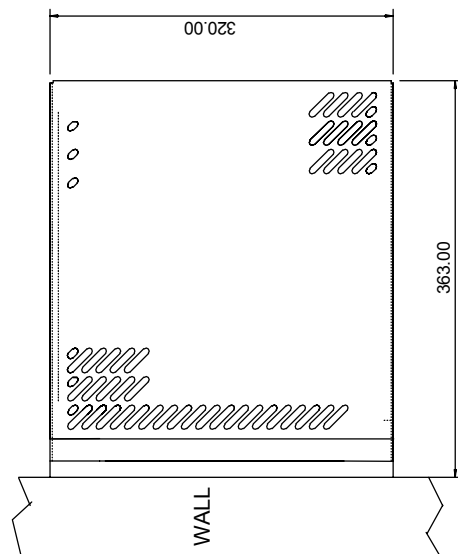
DATA SHEET.	UNITS.	OTW/TTW15AX
		230V
Electrical Data:-		
F.L.A.	Amps.	3.8
L.R.A.	Amps.	18
Maximum Supply Fuse.	Amps.	10
Average Power Consumed.	Watts.	430
Maximum Power Consumed.	Watts.	650
Supply Voltage Limits.	%	-10 / +15
Air Flow.	m ³ /hr	225
Sound Level @ 1m.	dbA	53
Height.	mm	320
Width.	mm	825
Depth.	mm	363
Weight.	kg	33

3.0 MACHINE DIMENSIONS

3.1 OTW15AX



VIEW WITH COVER AND COMPONENTS REMOVED



5.0 REFRIGERATION SCHEMATIC

