

FD40 Series 2 Dehumidifier



Operating Instructions & Safety Guide



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General Safety

- Dehumidifiers are for internal use only.
- This equipment should only be used by a competent person who has read and understood these instructions.
- Check condition of equipment before use. If unit is showing any signs of damage contact your supplier immediately.
- Never operate this equipment if you are ill, feeling tired or under the influence of alcohol or drugs.
- Keep all vents and grills clear of obstructions.
- Keep children and animals away from the dehumidifier. Never leave them alone in a room where the units are in use.
- Make sure equipment is switched off and unplugged after use.

Electrical Safety

- This unit is dual voltage and can be used via a standard domestic 13 amp 230 volt socket or 110 volt power supply.
- THE FD40 SERIES 2 HAS AN AUTOMATIC CHANGEOVER TRANSFORMER NO NEED TO SELECT THE REQUIRED VOLTAGE
- Always inspect plugs and power cables for damage before plugging into power supply.
- DO NOT USE IF ANY DAMAGE IS FOUND.
- Ensure cables are installed to prevent hazards.
- If an extension lead is used, ensure it is of the correct standard and fully uncoiled before use.
- Cables must not be laid in wet or damp areas.
- Do not move equipment while operating.
- Do not pull equipment by the power lead.
- It is recommended that the electrical supply to this equipment is protected by an RCD.

Getting started and operation

Fig 1

Position equipment on level ground, position centrally in the area allowing free air flow.



Fit correct plug top to power input lead to suit operating voltage selected.

13 amp BS1363 230volt or 16 amp BS4343 Blue plug

16 amp BS4343 110 volt Yellow plug.

No requirement to select voltage as the unit has an automatic changeover transformer.



Fig 2 : Condensate will drain into the 14 liter internal tank



Fig 3 : Switch on the unit via the front panel and set the desired humidity via the up and down arrows



Fig 4 : The FD40 S2 can be supplied with a separate condensate pump.



Fig 5 : The condensate pump is close coupled electrically to the machine via a built in auxiliary connection. Remove the internal tank at the back of the unit and then the power plug can be seen. On the front control panel you must push the button that says pump. This will avoid the unit from stopping when you remove the internal tank.



Humidity Control

Fig 6 : This automatically starts and stops the machines compressor when pre-set humidity levels are reached.

Many dehumidifying applications require humidity to be controlled at set relative humidity levels (RH) to avoid shrinkage of materials, cracking plaster, furniture etc.

The FD40 S2 has been designed taking this into account and thanks to the built in humidistat you will be able to control the humidity levels as desired in the room.



Set the Humidistat using the up and down arrows to the desired RH%. The lowest set RH% is 30% but if you require the RH% to be lower push the arrow button two times below 30% and the display will change to CONT which means continuous running



Disconnect from electrical supply when not in use.