



INSTRUCTIONS FOR: DEHUMIDIFIER 10 LITRE MODEL No: SDH101

Thank you for purchasing a Sealey product. Manufactured to a high standard this product will, if used according to these instructions and properly maintained, give you years of trouble free performance.

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.

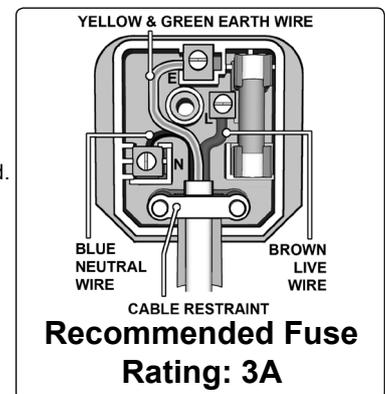
1. SAFETY INSTRUCTIONS

1.1. ELECTRICAL SAFETY

WARNING! It is the responsibility of the owner and the operator to read, understand and comply with the following:

You must check all electrical products, before use, to ensure that they are safe. You must inspect power cables, plugs, sockets and any other connectors for wear or damage. You must ensure that the risk of electric shock is minimised by the installation of appropriate safety devices. A Residual Current Circuit Breaker (RCCB) should be incorporated in the main distribution board. We also recommend that a Residual Current Device (RCD) is used. It is particularly important to use an RCD with portable products that are plugged into a supply which is not protected by an RCCB. If in any doubt consult a qualified electrician. You may obtain a Residual Current Device by contacting your Sealey dealer. You must also read and understand the following instructions concerning electrical safety.

- 1.1.1. The Electricity at Work Act 1989 requires that all portable electrical appliances, if used on business premises, are tested by a qualified electrician, using a Portable Appliance Tester (PAT), at least once a year.
- 1.1.2. The Health & Safety at Work Act 1974 makes owners of electrical appliances responsible for the safe condition of those appliances and the safety of the appliance operators. If in any doubt about electrical safety, contact a qualified electrician.
- 1.1.3. Ensure that the insulation on all cables and on the appliance is safe before connecting it to the power supply. See 1.1.1. and 1.1.2. and use a Portable Appliance Tester.
- 1.1.4. Ensure that cables are always protected against short circuit and overload.
- 1.1.5. Regularly inspect power supply cables and plugs for wear or damage and check all connections to ensure that none is loose.
- 1.1.6. Important: Ensure that the voltage marked on the appliance matches the power supply to be used.
- 1.1.7. **DO NOT** pull or carry the appliance by the power cable.
- 1.1.8. **DO NOT** pull the plug from the socket by the cable.
- 1.1.9. **DO NOT** use worn or damaged cables, plugs or connectors. Immediately have any faulty item repaired or replaced by a qualified electrician. When a BS 1363/A UK 3 pin plug is damaged, cut the cable just above the plug and dispose of the plug safely. Fit a new plug according to the following instructions (UK only).
 - a) Connect the GREEN/YELLOW earth wire to the earth terminal 'E'.
 - b) Connect the BROWN live wire to the live terminal 'L'.
 - c) Connect the BLUE neutral wire to the neutral terminal 'N'.
 - d) After wiring, check that there are no bare wires, that all wires have been correctly connected, that the cable outer insulation extends beyond the cable restraint and that the restraint is tight.Double insulated products, which are always marked with this symbol , are fitted with live (brown) and neutral (blue) wires only. To rewire, connect the wires as indicated above - **DO NOT** connect either wire to the earth terminal.
- 1.1.10. Products which require more than 13A are supplied without a plug. In this case you must contact a qualified electrician to ensure that a suitably rated supply is available. We recommend that you discuss the installation of an industrial round pin plug and socket with your electrician.
- 1.1.11. If an extension reel is used it should be fully unwound before connection. A reel with an RCD fitted is preferred since any appliance plugged into it will be protected. The cable core section is important and should be at least 1.5mm², but to be absolutely sure that the capacity of the reel is suitable for this product and for others which may be used in the other output sockets, we recommend the use of 2.5mm² section cable.



1.2. GENERAL SAFETY

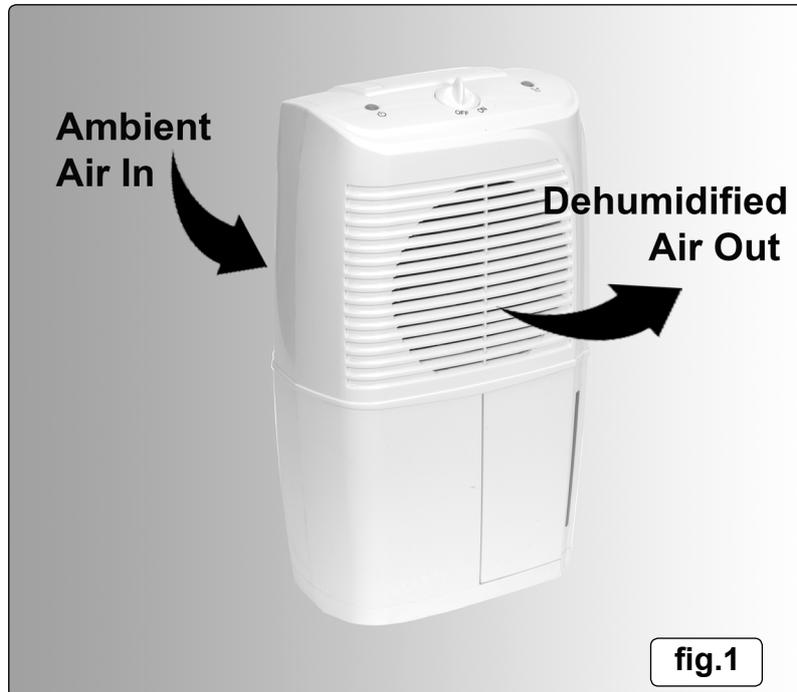
- ✓ Check that the dehumidifier is in sound condition and good working order. *Take immediate action to repair or replace damaged parts.*
 - ✓ Use recommended parts only. *Unauthorised parts may be dangerous and will invalidate the warranty.*
 - x **DO NOT** stand or place **any** object less than 20cm from the front of the unit, 20cm from the rear and sides of the unit, and 30cm above the unit.
 - x **DO NOT** obstruct the air intakes or outlets of the dehumidifier, and do not cover with washed clothes.
 - x **DO NOT** place any object into the outlets - the unit has a fan running at high speed, contact with this will cause injury.
 - x **DO NOT** operate the dehumidifier when you are tired or under the influence of alcohol, drugs or intoxicating medication.
 - x **DO NOT** switch the dehumidifier off by disconnecting it from the mains. **ALWAYS** switch to the "OFF" position first.
 - x **DO NOT** remove the float lever from the water collection tank.
 - x **DO NOT** connect or disconnect the plug from the mains with wet hands.
 - ✓ **ALWAYS** discard the water from the collection tank, **DO NOT** use it for any other purpose.
 - ✓ Place the dehumidifier on a level and stable surface.
 - ✓ To prevent water from freezing, do not use the dehumidifier at ambient temperatures below 0°C.
 - ✓ Do not use the dehumidifier outside.
 - ✓ Do not place the dehumidifier near to radiators or other heating appliances.
 - ✓ Ensure that heating appliances are not exposed to the flow of air from the dehumidifier.
 - ✓ Before attempting to move the dehumidifier, empty the contents of the collection tank. Use top carrying handle when moving unit.
 - ✓ Switch off and disconnect it from the mains before attempting any cleaning or other maintenance work.
 - ✓ Ensure that the dehumidifier is correctly turned off when not in use, and stored in a safe, dry area, out of reach of children.
- NOTE: 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 the 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.

2. INTRODUCTION

Compact, efficient, portable unit that extracts up to 10 litres of water per day. Removes excess moisture from air to prevent build-up of mildew and mould. Rotary on/off switch for easy and simple operation. Refrigerant is environmentally friendly R134A. Supplied with 3A 3-pin plug and drain hose for continuous operation.

3. SPECIFICATION

Model No:	SDH101	Maximum Air Flow:	130mtr ³ /hr
Power:	200W	Refrigerant:	R134A
Supply:	230V	Condensate Tank Capacity:	2ltr (with auto shut-off)
Dehumidifying Capacity:	10ltr/day	Working Temperature Range:5°C to 35°C
Working Space:	12m ²	Weight:	7.5kg



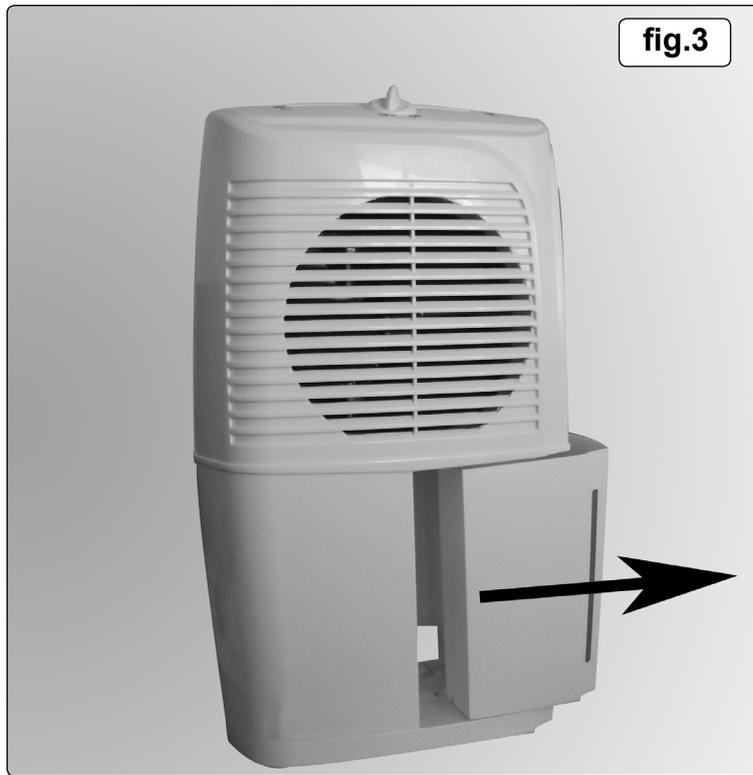
4. OPERATION

4.1. Dehumidifying

- 4.1.1. Place the unit in the area to be dehumidified, making sure that both inlet and outlet grilles (fig.1) are unobstructed.
- 4.1.2. Once plugged in to the mains supply, switch the machine on (fig.2). The power light (fig.2) will illuminate if all is in order.

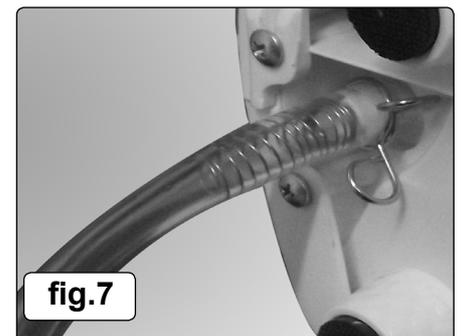
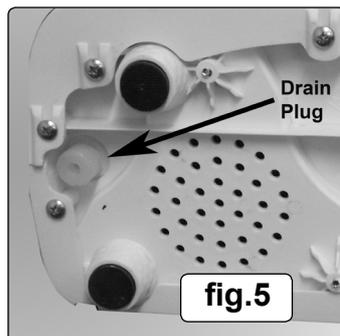
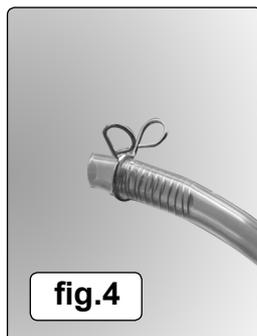


- 4.1.3. The dehumidifier will now extract moisture from the area in which it is situated.
- 4.2. **Note:** This unit does not act as a chiller. The air being blown from the outlet (front) will be slightly warmer than the ambient air. For this reason the space in which the machine is working will heat up gradually if no ventilation is present.
- 4.3. **Emptying the Drain Tank**
 - 4.3.1. Moisture collected from the atmosphere will collect as water in the drain tank.
 - 4.3.2. When the drain tank is full, the float switch will stop the motor and the water level light (fig.2) will illuminate.
 - 4.3.3. To empty the drain tank switch the machine off and slide the tank out carefully, as in fig.3, and dispose of the water. **DO NOT** use the waste water for any other purpose.
 - 4.3.4. To restart the dehumidifier, return the drain tank carefully to its location in the machine, making sure that it is fully home.
 - 4.3.5. Wait for at least 3 minutes before switching the dehumidifier on again.



4.4. Installing Drain Hose Kit

4.4.1. Insert spring and fit clip to the drain hose as in fig.4.



4.4.2. Remove the nylon drain plug from the base of the machine (fig.5), and place plug in tank inlet (fig.6)

4.4.3. Push the drain hose onto the drain connection (fig.6).

4.4.4. Fold the drain hose along the base of the machine and lead the free end to a suitable drain point.

5. MAINTENANCE

■ Switch the machine off and unplug from the mains before carrying out any maintenance or cleaning.

5.1. Filter Cleaning

5.1.1. It is recommended that the air filter is cleaned after two weeks of operation.

5.1.2. To remove the filter, pull the central handle and spring out, as in fig.8.

5.1.3. The filter may be washed in warm water and left to dry naturally. **DO NOT** use solvent cleaners nor use heat to dry the filter.

5.1.4. Once dry; replace the filter by snapping it back into place, making sure that the lower edge fits behind the casing locations and that all the lugs are sprung gently into place.

5.2. Cleaning the Casing

5.2.1. The casing may be cleaned by rubbing over with a damp cloth. **DO NOT** use detergents, abrasive or solvent cleaners as these will damage the surface finish.

5.2.2. **DO NOT** allow the control panel to become wet.

5.3. Storage

5.3.1. When the unit is to be taken out of use for an extended period, the following precautions should be taken to avoid deterioration:

5.3.2. Clean the air filter as in 5.1. above.

5.3.3. If used with the drain tank, wash the tank out with warm water and remove the drain plug from beneath the machine to empty condensate.

5.3.4. Replace the drain plug and drain tank.

5.3.5. If used with the drain hose kit, remove the hose and run through with warm water.

5.3.6. Store upright in a dry, childproof location away from direct sunlight. **DO NOT** expose to freezing conditions.



6. TROUBLESHOOTING

Before attempting any repairs, check the following:

Dehumidifier does not operate Check to see if the plug is disconnected. Check to see if the water tank is full of water. Check to see if the water tank is fitted properly in position.	Insert the plug into an electrical outlet fully and securely - check fuse in plug is OK. Empty water out of the tank. Fit the tank to the unit in the correct position.
Dehumidified volume is small Check to see if the filter is dirty. Check to see if the air opening is blocked. Dehumidifier volume decreases when temperature is low. Humidity in room has reached a low level	Clean the filter as specified. Remove any obstacles from the air opening. The unit stops dehumidifying when the room temperature is below approx 5°C. Dehumidifying stops because the humidity level has reached the required level set.
The humidity remains too high The room size may be too large. The doors and windows may be opened and closed frequently. The dehumidifier is used together with a kerosene heater which emits water vapour.	Ideally unit should only be used in rooms with up to 12m ² floor space. Keep windows and doors shut during operation Turn the heater off.



Environmental Protection.

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycle centre and disposed of in a manner which is compatible with the environment.



WEEE Regulations.

Dispose of this product at the end of its working life in compliance with the EU Directive on Waste Electrical and Electronic Equipment. When the product is no longer required, it must be disposed of in an environmentally protective way. Contact your local solid waste authority for recycling information.

NOTE: It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

IMPORTANT: No liability is accepted for incorrect use of this product.

WARRANTY: Guarantee is 12 months from purchase date, proof of which will be required for any claim.

INFORMATION: For a copy of our latest catalogue and promotions call us on 01284 757525 and leave your full name and address, including postcode.



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