20L DEHUMIDIFIER

MODEL NO: **SDH20.V5**

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.


Refer to instructions


Indoor use only


Do not cover


Caution: Risk of fire

1. SAFETY

1.1. ELECTRICAL SAFETY

❑ **WARNING!** It is the user's responsibility to check the following:

✓ Check all electrical equipment and appliances to ensure that they are safe before using.

✓ Inspect power supply leads, plugs and all electrical connections for wear and damage.

✓ Ensure that the insulation on all cables and on the appliance is safe before connecting it to the power supply.

× **DO NOT** use worn or damaged cables, plugs or connectors.

✓ Ensure that any faulty item is repaired or replaced immediately by a Sealey qualified technician.

✓ If the cable or plug is damaged during use, switch off the electricity supply and remove from use.

✓ Sealey recommend that an RCD (Residual Current Device) is used with all electrical products.

Important: Ensure that the voltage rating on the appliance suits the mains power supply.

× **DO NOT** pull or carry the appliance by the power cable.

× **DO NOT** pull the plug from the socket by the 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.

✓ Appliances shall be installed, operated and stored in a room with a working space of

NOTE: The unit is filled with R290.

× **DO NOT** perforate any of the components in the refrigerant circuit. Refrigerant gas may be odourless.

× **DO NOT** attempt any repairs or maintenance unless suitably qualified.

× **DO NOT** stand or place any object within 10cm from the front of the unit, 20cm from the rear and sides of the unit, and 30cm above the unit.

× **DO NOT** obstruct the air intakes or outlets of the dehumidifier.

× **DO NOT** cover the unit.

× **DO NOT** get wet.

× **DO NOT** place any object into the outlets - the unit has a fan running at high speed, contact with this will cause injury.

× **DO NOT** operate the dehumidifier when you are tired or under the influence of alcohol, drugs or intoxicating medication.

× **DO NOT** switch the dehumidifier off by disconnecting it from the mains. ALWAYS switch to the "OFF" position first.

× **DO NOT** remove the float lever from the water collection tank.

× **DO NOT** connect or disconnect the plug from the mains with wet hands.

× **DO NOT** use an extension lead.

✓ Unplug before moving.

✓ Place on flat level ground which can hold dehumidifier and full water tank weight

✓ Always discard the water from the collection tank, **DO NOT** use it for any other purpose.

✓ To prevent water from freezing, do not use the dehumidifier at ambient temperatures below 0°C.

× **DO NOT** use the dehumidifier outside.

✓ When using continuous draining, make sure that the drain hose is positioned correctly.

✓ 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 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.

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.

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

2. INTRODUCTION

Compact, efficient and portable unit that extracts up to 20 litres of water per day. Removes excess moisture from air to prevent build-up of mildew and mould. Indicator light on front panel changes colour to show current humidity level in room. Touch screen control panel allows the user to select the mode, set the desired humidity level and a timer ranging from 1 to 24 hours. Automatically turns off when tank is full, for safety. Refrigerant is environmentally friendly R290. Supplied with a 300mm drain hose for continuous operation along with four swivel wheels allowing the unit to be easily manoeuvred.

3. SPECIFICATION

Model no:	**SDH20.V5**
Power (Max / Rated)	420 / 320W
Supply:	230V
Dehumidifying capacity:	20L/day (30°C RH 80%)
Maximum airflow:	195m³/hr
Refrigerant:	R290
Mass	60g
Condensate tank:	6.5L (with Auto Shut Off)
Steaming Pressure (Max):	1.2MPa
Working Temperature:	5-32°C
Freezing Pressure (Max)	2.5MPa
IP Rating:	IPX0
Working Space:	30m²

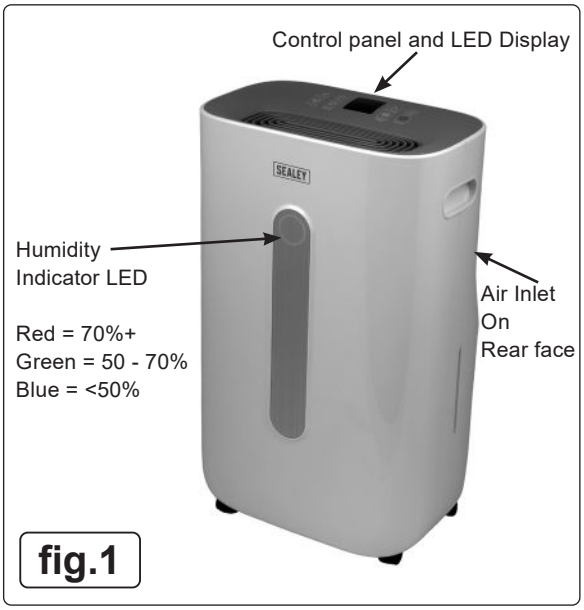


fig.1

4. OPERATION

4.1. SITING REQUIREMENTS

4.1.1. Make sure there is at least 20cm of space on all sides and at least 30cm above the dehumidifier for operation.

4.1.2. Place on a flat, solid surface capable of withstanding the load of the dehumidifier with a full tank.

4.1.3. Close all doors and windows when the dehumidifier is working. Damp air from outdoors will increase the workload of dehumidifier.

4.1.4. **DO NOT** use the dehumidifier in a place where room temperature is lower than the machine's minimum operation temperature 5°C (41°F), and a maximum temperature not exceeding 32°C (90°C).

4.2. OPERATION

4.3. Check that the water tank is empty and in place.

4.3.1. Check operational temperature 5°- 32°C.

4.3.2. Plug the unit into the mains supply.

4.3.3. Each time the mains supply is switched off or interrupted, the controls will go back to their original setting.

4.3.4. The LED ring on the front panel will illuminate to advise on the humidity level in the environment. Red indicates 70%+, Green indicates 50-70%, blue indicates below 50%.

NOTE: Use minimal pressure when pressing control buttons. Buttons are touch sensitive and not mechanically operated.

4.3.5. Press the Stand-by button to turn the dehumidifier on (the power light is lit) (fig.2).

4.3.6. Use the controls to select your operation as illustrated and described below.

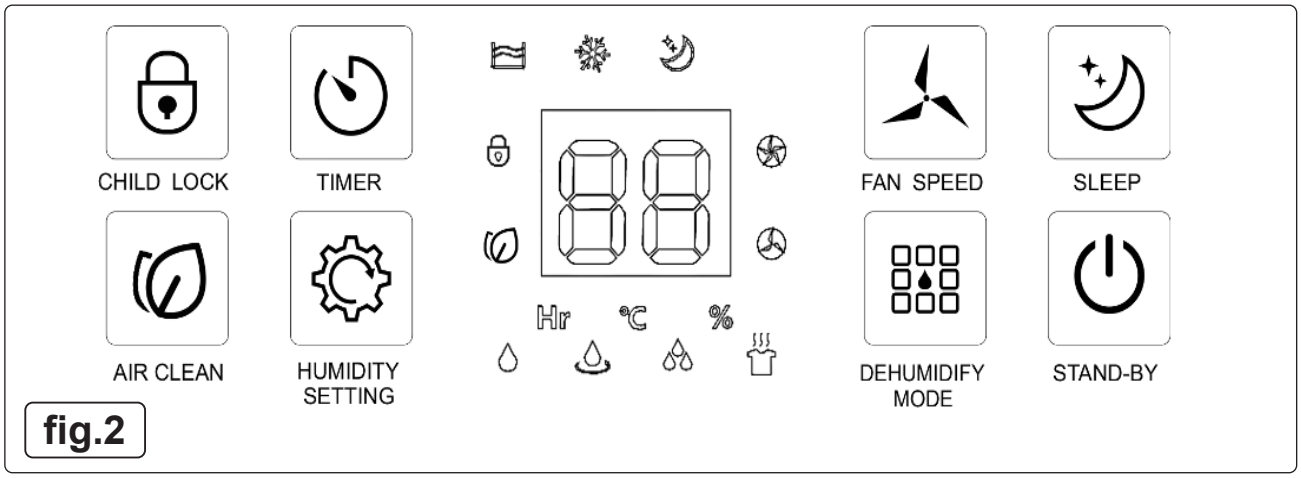


fig.2

4.4. SETTING HUMIDITY VALUE

4.4.1. Press the 'HUMIDITY SETTING' button to cycle from 30% to 80% in 5% increments.

4.5. SETTING DEHUMIDIFYING MODE

4.5.1. Press the 'DEHUMIDIFY MODE' button to sequentially step through 'Manually Set Dehumidify' mode, 'Continuous mode', 'High Dehumidificationn', and 'Drying (clothes) mode'.

4.6. SETTING FAN SPEED

4.6.1. The fan has two speeds. Press the 'Fan Speed' button to cycle between 'Low Speed Fan' and 'High Speed Fan'.

4.7. SETTING TIMER FUNCTION

4.7.1. To set delayed power-off time, once machine is working press the 'TIMER' button to cycle through the range of hours permitted 0 -

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24 hours). To set power-on time, pre-select the required time before setting mode.

4.8. SLEEP FUNCTION

4.8.1. The 'SLEEP' will cause the display to turn off EXCEPT for the 'Sleep' icon , Water Tank Full icon  and Child Lock .

4.9. AIR CLEAN

To run the air cleaning option, press the 'Air Clean' button and the icon will display .

4.10. AUTO-DEFROST

4.10.1. The unit will automatically defrost when required. The  symbol will display on the screen and will switch off once defrosted. If the ambient temperature is above 24°C no defrosting will occur. Between 23°C and 5°C, the unit will operate normally but interleaved with 5 minute defrost cycles. Below 5°C the unit will not operate except for the air purification mode.

4.11. WATER TANK

4.11.1. When the water tank is full, the unit will stop working, sound an audible alarm and display the Water Tank Full symbol .

4.12. CHILD LOCK

4.12.1. To engage the Child Lock rest a finger on the CHILD LOCK button for approximately 5 seconds. Repeat this to unlock unit. When the child lock is engaged the symbol  is lit.

4.13. DRAIN HOSE CONNECTION (WATER OUTLET)

4.13.1. The drain hose can be permanently connected to the outlet on the rear face of the unit and the unit run dehumidifier continuously.

4.13.2. Remove water tank and insert the water pipe onto the water outlet.

4.13.3. Place the other end into a floor drain.

4.13.4. If the water pipe is not being used, remove the water pipe.

4.13.5. Whether the water outlet hose is used or not, the water tank must be in position otherwise the dehumidifier will not operate.

4.14. AIR FILTER

4.14.1. The filter needs to be cleaned every two weeks for effective operation of the dehumidifier.

4.14.2. Remove the plug from the mains supply.

4.14.3. Place finger into the recess on the bottom edge of the filter cover and lift up and remove to allow filter to be removed.

4.14.4. **DO NOT** use any liquid to wash the filter. Only dry in direct sunlight. It is recommenced to replace the filter every six months depending on usage levels.

4.14.5. Replace in reverse order as above.

5. MAINTENANCE

❑ **WARNING:** Disconnect from mains supply before attempting any cleaning or maintenance.

5.1. Use a wet cloth to clean the outside. **DO NOT** splash water onto the dehumidifier.

5.2. Clean the inside of the water tank with an antibacterial cleaner every few weeks to avoid the build up of bacteria. The tank has a water level warning and must be placed in the right position. The dehumidifier will not work if the water level is too high.

6. TROUBLESHOOTING

Dehumidifier does not work:
- Is dehumidifier plugged in
- Check that water tank is in the correct position
- Check that water tank is not full (empty) and that float ball is in correct position

The pipe is frozen:
- The dehumidifier has a defrosting function. The fan keeps working after the compressor stops working. This will solve the problem of a frozen pipe. When the defrosting device reaches room temperature, the dehumidifier will resume operation.

The dehumidifier 'runs' without dehumidifying:
(The dehumidifier will blow warmer air when it is working properly).
- Power light lights once per second when it is defrosting
- Power light lights for three seconds then goes out for one second or lights for one second then goes out means there is a fault with the humidity sensor - contact Sealey stockist

The dehumidifier runs as soon as it is switched on:
- Check if the dehumidifier is defrosting. After defrosting the dehumidifier will restart automatically after defrosting.

Dehumidifying capacity is too weak:
- Check if filter net is blocked - clean
- dehumidifying capacity will be weaker if the temperature and humidity levels are too low
- check if air inlet is blocked - clean

Expected humidity takes a long time to be reached:
- check whether doors and windows are open
- check if anything is producing vapour
- check whether the volume of the room is too large

Dehumidifier is noisy:
- Check if surface it is placed on is smooth



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 (WEEE). 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.



ENVIRONMENT PROTECTION

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.

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. Please note that other versions of this product are available. If you require documentation for alternative versions, please email or call our technical team on technical@sealey.co.uk or 01284 757505.
Important: No Liability is accepted for incorrect use of this product.
Warranty: Guarantee is 12 months from purchase date, proof of which is required for any claim.

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