



# PORTABLE EVAPORATIVE AIR COOLER 100L

## MODEL NO: SAC101

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  
instruction  
manual

## 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

- ✗ **DO NOT** run power cord under carpeting, or cover it with rugs or runners. Keep the cord away from areas where it may be tripped over.
- ✓ Children from age 8 years and above, persons with reduced physical, sensory, or mental capabilities those with lack of experience and knowledge can use the appliance, if they have been given supervision or instruction concerning use of the appliance in a safe way to understand the hazards involved.
- ✓ Children shall NOT play with the appliance.
- ✓ Cleaning and user maintenance on the appliance shall not be made by children without supervision.
- ✓ Be aware that high humidity levels may encourage the growth of biological organisms in the environment.
- ✗ **DO NOT** permit the area around the humidifier to become damp or wet. If dampness occurs, turn the output of the humidifier down. If the humidifier output cannot be turned down, use the humidifier intermittently. **DO NOT** allow absorbent materials, such as carpeting, curtains, drapes or tablecloths, to become damp.
- ✗ Never leave water in the reservoir when the appliance is not in use. Empty, clean and dry the humidifier before storage.
- ✓ Clean the humidifier before next use.
- WARNING!** Unplug the appliance during filling, cleaning.
- ✓ When using the "COOL" setting, check the water tank to ensure that it is full. Operation of this cooler on the "COOL" setting with an empty tank may result in damage to the water pump.
- ✗ **DO NOT** attempt to repair or adjust any electrical or mechanical functions of the cooler, as this may void the warranty.
- ✗ **DO NOT** cover the air inlet or outlet on the appliance as this may cause motor damage.
- ✗ **DO NOT** insert or allow objects to enter any ventilation or exhaust opening as this may damage the product and could cause an electric shock or fire.
- ✗ **DO NOT** operate with the any of the honeycomb media removed as this will overload and damage the motor.
- ✗ **DO NOT** leave the operating appliance unattended for any extended period of time.
- ✗ **DO NOT** let children play with this appliance, packaging or plastic bags.
- ✗ If the unit is damaged or it malfunctions, do not continue to operate it.
- ✓ Place the unit on a level floor.
- ✗ This product is not intended for use in wet or damp locations.
- ✗ **DO NOT** use in bathrooms. Never locate the product where it may fall into a bathtub or other water.
- ✓ Always use the side handle grips to move the cooler.

## 2. INTRODUCTION

Water evaporation technology delivers cost-effective airflow without refrigerants. Three dial-control wind speeds provide adjustable ventilation. Swing and Cool modes offer oscillation and enhanced cooling performance. Large 45L Water tank supports extended cooling periods in busy environments. Removable dust filters and honeycomb pads on all three sides ensure quick cleaning. Castor wheels allow smooth movement between workstations. Integrated water gauge provides instant visibility of tank level. Rear drain port allows for continuous drainage. Rear cable compartment keeps power lead neatly stowed.

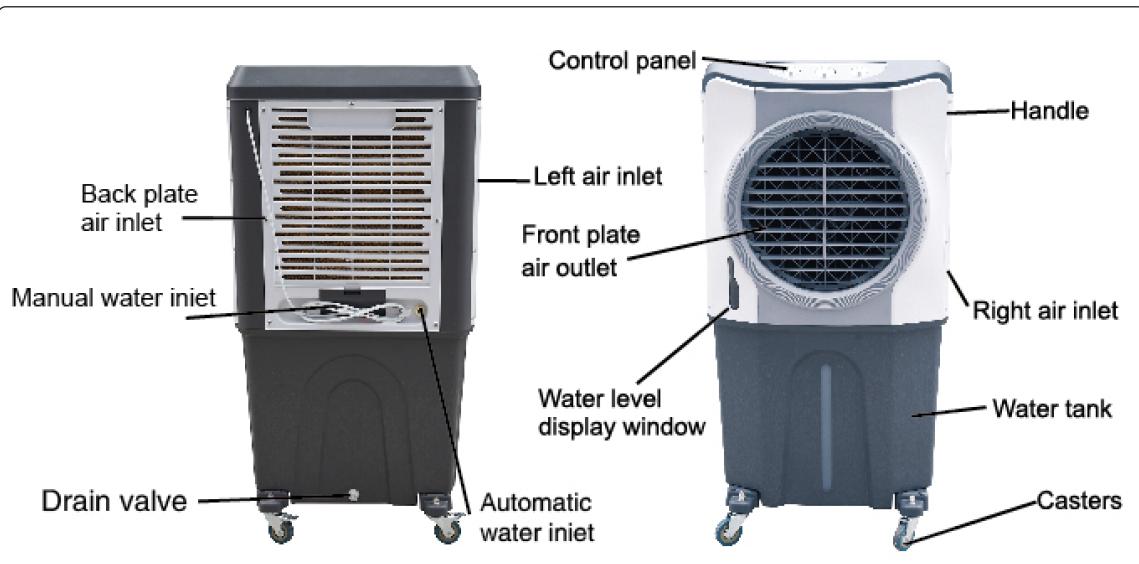
### 3. SPECIFICATION

Model No:	SAC101
Cooling Water Tank:	100L
Electrical Class:	I
Fuse Rating:	3A
Maximum Airflow:	5500m <sup>3</sup> /h
Weight:	21kg
Plug Type:	3-Pin BS
Power Supply Cable Length:	2.3m
Supply:	230V ~ 50Hz

### 4. ASSEMBLY

- Remove from packaging and check it is in good condition.
- Refer to attached Parts Information: Fit castors, lockable ones fit to front.

### 5. OPERATION



- Place the unit on a level floor.
- Fill the tank using one of the following methods:  
The tank can be filled directly from a tap using a 1/2 inch hose (not supplied) connected to the inlet valve.  
The tank can be filled manually by opening the door at the bottom of the rear of the unit, and slowly pouring water in.
- PLEASE NOTE THAT THE WATER LEVEL SHOULD NOT EXCEED THE MAXIMUM LEVEL AS INDICATED ON THE WATER LEVEL INDICATOR ON THE FRONT OF THE UNIT.
- Plug the unit into mains supply.
- Switch on the power to the unit. For best results there should be a flow of air through the room. Please keep either a window and a door open.
- CONTROLS**

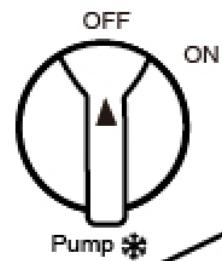
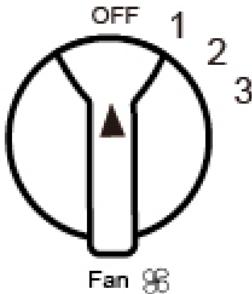
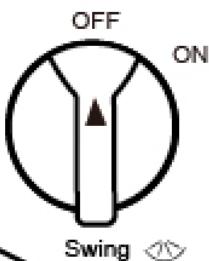
#### FAN/ON - OFF

Connect to the power supply and turn the FAN

knob. The fan will start.

Change the speed from Low to Medium to High.

To switch the unit OFF, turn the FAN to "Off".



#### SWING

Vertical Louvres: Turn the SWING knob to 'ON'. The louvres will begin to move from right to left automatically.  
Horizontal Louvres: Manually adjust the horizontal louvres to change vertical airflow.

#### PUMP

Turn the PUMP knob to ON to start the cooling. It takes a few minutes to obtain the full effect from this mode.

## 6. MAINTENANCE AND CLEANING

- WARNING!** Shut down and unplug the cooler before performing maintenance or cleaning.
- 6.1. Completely drain the tank by removing the drain plug from the base and opening the drain valve.
- WARNING!** Stagnant water may cause bacterial growth and serious health problems. **DO NOT** allow stagnant water to remain in the tank.
- 6.2. During regular use, fully drain the tank and renew the water each day.
- 6.3. Drain and clean the water tank before storage, after seasonal use and whenever the unit is not used for more than one week.
- 6.4. Maintenance is key for cooler to have an effective and long service life. Keep unit in good condition to avoid unnecessary parts replacement.
- 6.5. **WEEKLY:** Remove the 3 x cooling pad panels from the body of the cooler by removing their securing screws. Gently pull out each panel. With a soft cloth or soft plastic bristle brush and water only, remove the accumulated dust and debris. Wash the cooling pad with fresh running water.
  - DO NOT** use high pressure water. Do not use acid or alkaline chemicals.
- 6.6. **INSIDE CLEANING TASKS**  
Clean the fan blades, float ball valve, water tank, water level sensor, water pump and drainage plug.
- 6.7. Reinstall drain plug and the cooling pad set after finishing maintenance.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No discharge of air	Not plugged in	Make sure mains power cord is plugged in and the supply Switch is on.
	Fan switch not turned on	Turn on
Not Cooling/ Unit is Making noise	Pump is not turned on	Turn pump on
	Low or no water in tank when cool is selected	Refill water tank
	Damaged pump or calcium deposits on blower	Contact Sealey
Odour emission	When the cooler is new	When the unit is used for the first time, the Honeycomb Cooling pad will have an odour, which will dissipate within a week of initial use. You may wish to add a small amount of fabric conditioner to the water to alleviate the odour.
	If the cooler has been used	There may be an algae issue. Replace the honeycomb cooling pad. Contact Sealey.

## 8. END OF LIFE

- 8.1. At the end of its life product must be dismantled and recycled according to regulations in force.



### 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.

**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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