INSTRUCTIONS FOR:

AIR CONDITIONER, DEHUMIDIFIER, HEATER UNIT

MODEL No: **SAC9000.V2**

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 AND CAUTIONS. USE THIS 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. PLEASE KEEP 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 and that the plug is fitted with the correct fuse - see fuse rating at right.

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).

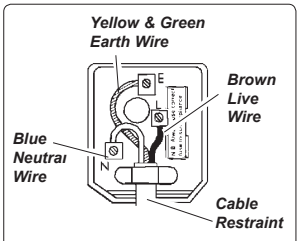
a) Connect the GREEN/YELLOW earth wire to the earth terminal 'E'.

b) Connect the BROWN live wire to the live terminal 'L'.

c) Connect the BLUE neutral wire to t he 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.



FUSE RATING 13 AMP

1.1.10. Products which require more than 13 amps 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

- ✓ Disconnect the unit from the mains power before servicing or cleaning.
- ✓ Maintain the unit in good order and clean condition for best and safest performance.
- ✓ Replace or repair damaged parts. *Use recommended parts and an authorised service agent. Unauthorised parts may be dangerous and will invalidate the warranty.*
- ✓ Locate the unit in a suitably sized room for its capacity, keep the immediate area in front of the outlet grille clean and tidy and free from unrelated materials.
- ✗ DO NOT use the unit near gas appliances, fires or in the vicinity of flammable liquids, solids or gases such as petrol, solvents, aerosols etc, or where heat sensitive materials may be stored.
- ✗ DO NOT block the air intake or outlet by placing the unit too close to walls or furniture.
- ✗ DO NOT cover the unit when in use, and do not obstruct the air inlet and outlet grilles with items such as clothing, soft furnishings, furniture, bedding etc.
- ✗ DO NOT use the heater for any purpose other than that for which it is designed.
- ✗ DO NOT allow the unit to get wet as this may cause an electric shock, and will damage the unit.
- ✗ DO NOT let the power lead touch a hot surface, lie in a hot airflow, or run under a carpet.
- ✗ DO NOT insert or allow objects to enter any openings of unit as this may cause an electric shock, fire or damage to unit.
- ✗ DO NOT use in bathroom, shower room, or in any environment of excessive condensation.
- ✗ DO NOT use the unit out of doors. This unit is designed for indoor use only.
- ✗ DO NOT use the unit if incorrectly working, or has become wet or has sustained any other type of damage.
- ✗ DO NOT allow children to operate the unit.
- ✓ When not in use, disconnect from the mains and store in a safe, cool, dry, childproof area.
- ✓ Keep the unit one metre away from TV sets or radios to avoid electromagnetic interference.
- ✓ Keep the unit level when moving it from one place to another.
- ✗ DO NOT subject the unit to vibration, shocks or impact.
- ✗ DO NOT use the unit in a very crowded room.

2. SPECIFICATION

Model No:. SAC9000.V2	Maximum Water Extraction Rate: 1.2ltr/hr
Cooling Capacity: 10000Btu/hr	Thermostat Range: . . . . . 16-31°C
Heater:. 1100W	Refrigerant: R410A
Supply 230V	Exhaust hose length 1500mm
Maximum Air Flow: 400mtr³/hr	Energy class . . . . . .A

3. CONTENTS/MAIN FEATURES

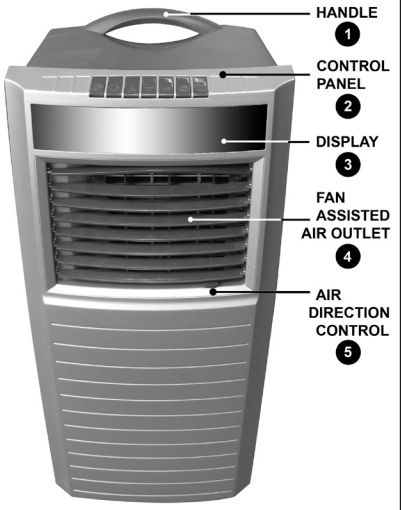
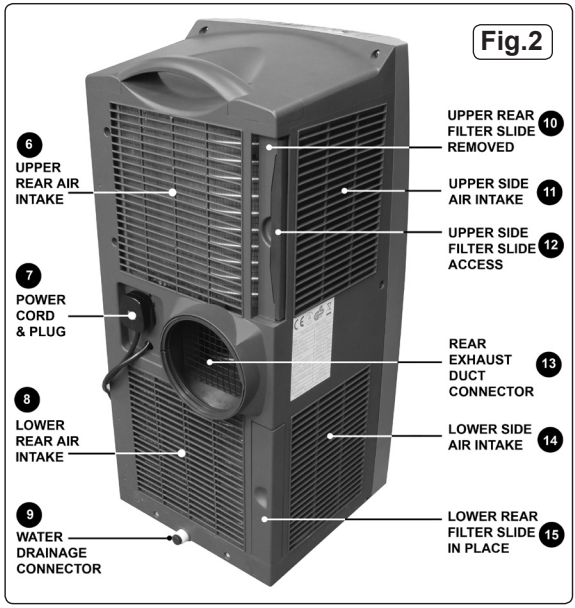
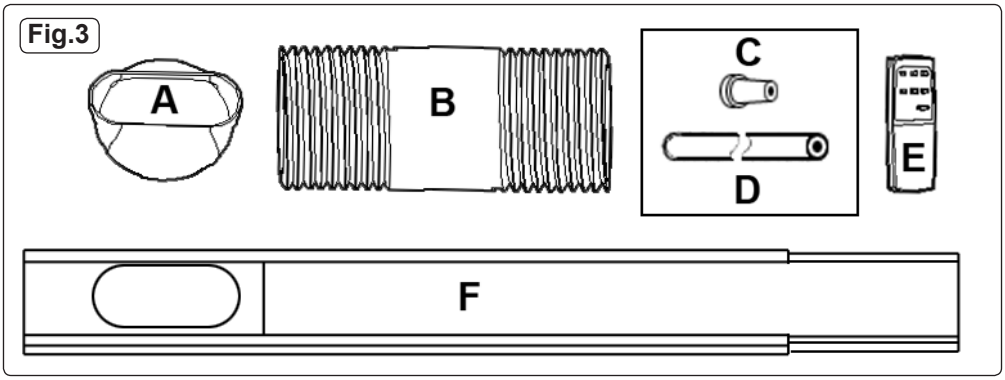


Fig.1



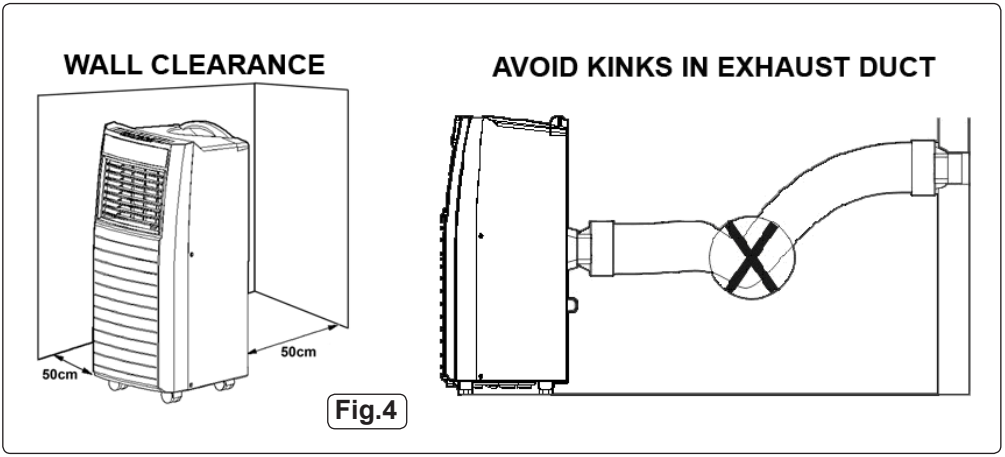
3.1 ACCESSORIES:

A. . . . . SEAL PLATE ADAPTOR
B . . . . . EXHAUST DUCT (MAX. 1.5M)
C . . . . . DRAINAGE HOSE CONNECTOR
D . . . . . DRAINAGE HOSE
E . . . . . REMOTE CONTROL
F . . . . . SLIDING SEAL PLATE (EXHAUST)



4. INSTALLATION

4.1 Assembling the exhaust duct. (See fig.3b) First extend each end of the duct (B) as shown above and attach the seal plate adaptor (A) to one end using an anticlockwise threading action. Attach the other end of the duct directly to the exhaust air outlet on the back of the unit (see fig.2-13), once again using an anticlockwise threading action. The exhaust duct can be extended up to 1.5m. The unit is at its most efficient when the exhaust duct is kept as short as possible. Use only the duct supplied. Do not further extend the length of the duct with other ducting as this will reduce the efficiency of the unit.



4.2 Seal Plate placement. See fig.3F. Identify a suitable window which can be vertically or horizontally opened. Match the window opening to the height of the seal plate. Slide the inner part of the seal plate out until it matches the width of the window and lock the two parts together by tightening the screws on the inside edge of the inner slide. Permanently screw the seal plate to the window frame or make a semi permanent installation using re-inforced, high tack, adhesive tape. Bring the unit close to the window and push the seal plate adaptor at the end of the duct into the matching hole in the seal plate. Fig.5 shows the unit installed by a horizontally opening window. Keep the duct as short as possible but do not allow the duct to be kinked or distorted or blocked as this will overheat the unit. If the unit becomes overheated it will automatically shut down.

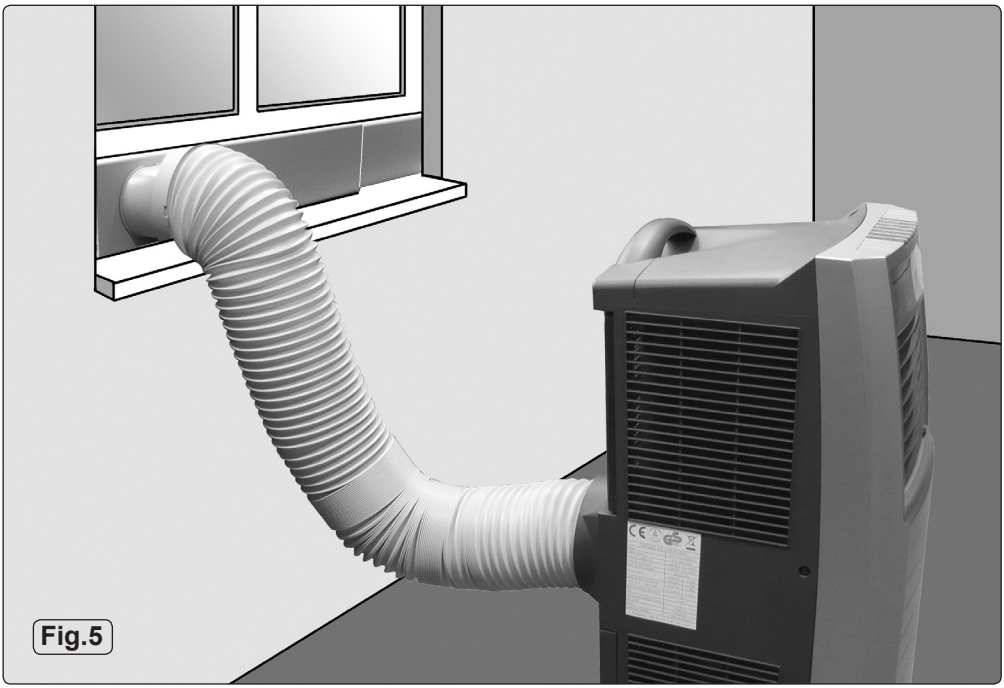


Fig.5

5. CONTROLS

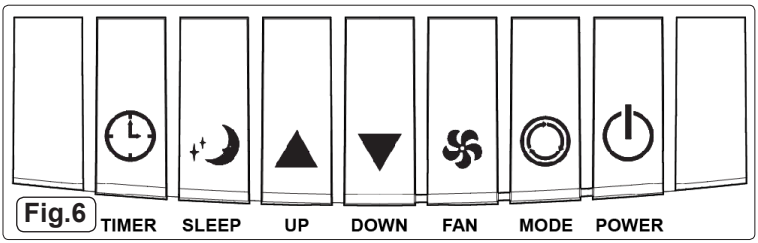
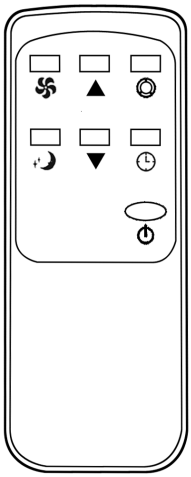


Fig.6



5.1 POWER. Press this key to turn the machine ON or OFF.
When the machine turns on the default mode is cooling with a low fan speed.

5.2 MODE. Press this key to cycle through the four available modes. COOLING, DEHUMIDIFYING, HEATING with fan, and FAN ONLY.

5.3 FAN. Once the machine is on, this key selects between high and low fan speed.

5.4 UP. Under COOLING or HEATING mode press this key to raise the temperature (16 to 31°C).

5.5 DOWN. Under COOLING or HEATING mode press this key to lower the temperature (16 to 31°C).

5.6 SLEEP. Under COOLING or HEATING mode press this key to turn the sleep function ON or OFF.

5.7 TIMER. Under power ON or standby mode, press this key to set the ON/OFF time based on the 24hr clock.

5.8 REMOTE CONTROL. The remote control functions are the same as those on the main control panel and share the same indicator symbols.

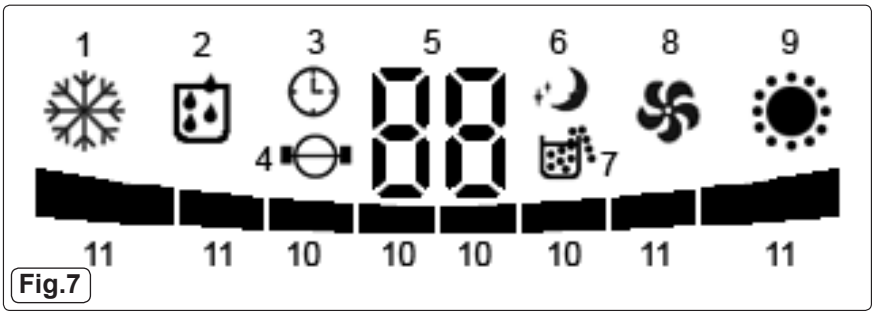


Fig.7

5.8 DISPLAY SCREEN:

1. . . . . COOLING MODE INDICATOR
2 . . . . . DEHUMIDIFYING MODE INDICATOR
3 . . . . . TIMER MODE INDICATOR
4 . . . . . COOLING MODE INDICATOR
5 . . . . . TEMPERATURE DISPLAY
6 . . . . . SLEEP MODE INDICATOR
7 . . . . . WATER FULL INDICATOR
8 . . . . . FAN MODE INDICATOR
9 . . . . . HEATING MODE INDICATOR
10 . . . . . LOW FAN SPEED
10 + 11 . . . . . HIGH FAN SPEED

6. OPERATION

6.1 STANDBY MODE. When the machine is plugged in, the two centre segments of the display will light up to indicate standby mode. When the machine is first switched on it will start up in cooling mode, set at 22ºC, with a low fan speed. The machine mode can now be changed using the mode key. When the ON/OFF switch is pressed again the machine returns to standby mode. If the machine remains in standby mode and is switched on again it will start up in the last mode selected. If the machine is disconnected from the mains it will start up in the default cooling mode when next used.

6.2 COOLING MODE. Press the MODE key to cycle through the options until cooling mode is reached indicated by the snowflake symbol. (fig.7-1).

6.2.1 Press UP or DOWN to adjust the temperature.

6.2.2 Press FAN to select a higher or lower fan speed.

6.3 HEATING MODE. Press the MODE key to cycle through the options until heating mode is reached indicated by the sun symbol. (fig.7-9).

6.3.1 Press UP or DOWN to adjust the temperature.

6.3.2 Press FAN to select a higher or lower fan speed.

6.4 FAN ONLY MODE. Press the MODE key to cycle through the options until fan mode is reached indicated by the fan symbol. (fig.7-8).

6.4.3 Press the FAN key to switch between a low or high fan speed.

6.5 TIMER MODE. In standby mode press TIMER to set the switch ON time (the timer symbol lights).

6.5.1 Repeatedly press the timer key to advance the time in one hour increments from 1 to 24 hours. Stop when you reach the required switch on time.

6.5.2 To set the power OFF time the machine must be running. The time set will remain valid for all modes.

6.5.3 Press TIMER to set the power OFF time (the timer symbol lights).

6.5.4 Repeatedly press the timer key to advance the time in one hour increments from 1 to 24 hours. Stop when you reach the required switch off time.

6.5.5 When the machine is returned to standby mode the timer settings are cancelled.

6.6 DEHUMIDIFYING MODE. Press the MODE key to cycle through the options until dehumidifying mode is reached indicated by the water droplets symbol. (fig.7-2).

6.6.1 The timer and sleep functions cannot be set in dehumidifying mode.

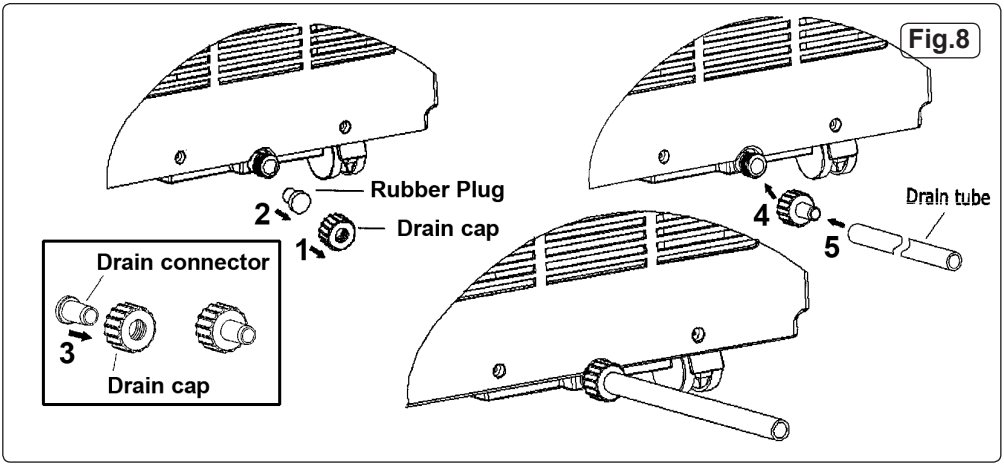
6.6.2 The fan speed is automatically selected at low and cannot be changed.

6.7 SLEEP FUNCTION. Press the SLEEP key to start the SLEEP function indicated by the moon symbol. (fig.7-6). The default fan speed is low. The sleep function is only valid in COOLING mode and HEATING mode. In stand by and water full conditions, sleep mode is automatically cancelled.

6.7.1 In COOLING mode, the sleep function turns the temperature up by 1°C, one hour after the sleep function is turned on. The temperature then remains constant.

6.7.2 In HEATING mode, the sleep function turns the temperature down by 1°C, one hour after the sleep function is turned on. The temperature then remains constant.

7. WATER DRAINAGE



7.1 EMPTYING THE INNER TANK. When the inner tank becomes full, the tank full symbol will begin to flash on the display. After 8 seconds the machine will go into standby mode and a buzzer will begin to sound.

7.1.1 The compressor will shut down and the control panel will become inoperative until the tank is emptied.

7.1.2 Disconnect the machine from the mains supply.

7.1.3 Place a suitable container below the water outlet at the back of the machine.

7.1.4 Unscrew the drain cap (fig.8-1) and pull out the rubber plug (fig.8-2). Allow the tank to drain. Remove and empty the collection container. Refit the rubber plug and drain cap.

7.1.5 Plug the machine back into the mains supply and restart it.

7.2 PERMANENTLY CONNECTED DRAINAGE. To avoid having to regularly empty the inner water tank (especially in dehumidifying mode) the water can be continuously drained through the supplied drain tube into a suitably sized container.

7.2.1 Drain any water from the inner tank as described above in 7.1.

7.2.2 Remove the drain cap (fig.8-1) and pull out the rubber plug (fig.8-2). Store the rubber plug for future use. Take the supplied drain connector (fig.8-3) and insert it into the back of the drain cap as shown above.

7.2.3 Screw the assembled connector (fig.8-4) onto the water outlet and push the drain tube (fig.8-5) onto the connector. See fig.8 above.

8. MAINTENANCE

❒ **WARNING!** Switch off the machine and unplug it from the mains power supply before performing any maintenance or repairs.

8.1 CLEANING.

8.1.1 Remove the plug from the mains power supply.

8.1.2 Use a soft, damp cloth to clean the machine outer casing. Don't use chemical agents such as benzene, alcohol, petrol, lighter fuel etc. as these agents may melt / damage the surface of the plastic.

8.1.3 Don't spatter water into the machine.

8.2 FILTER.

8.2.1 Clean the filters every two weeks as blocked filters will seriously reduce the efficiency of the machine.

8.2.2 There are four filters all together. Two at the back and two at the side. The side filters cannot be accessed until the rear filters have been removed. See fig.2.

8.2.3 Clean the filters in warm water with a neutral detergent. Allow them to dry completely before refitting them.

8.2.4 Do not run the machine without filters.

8.3 SEASONAL CLEANING AND STORAGE

8.2.1 If the machine will be unused for a long period of time, prepare it in the following way.

8.2.2 Empty the internal water tank as described in 7.1.

8.2.3 Run the machine in fan mode for two hours to dry out the internal machinery.

8.2.4 Turn the machine off and unplug it from the mains power supply.

8.2.5 Remove the filters, clean and dry them and reinstall them.

8.2.6 Disconnect the exhaust duct.

8.2.7 Cover the machine with a plastic bag and store it in a dry place.

9. TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
Machine not working	Power OFF	Plug in / turn on power
	P2 flashes on screen or water full indicator turns on	Drain inner water tank (see 7.1)
	Timer set	Turn off machine for three minutes then restart it
Machine auto restarts frequently	Machine in direct sunlight	Shade machine / draw curtains
	Doors and windows are open, many heat sources in room	Close doors and windows, remove heat sources from room
	Filters too dirty	Clean or replace filters
	Air inlets or air outlet is blocked	Remove blockage
Machine too noisy	Machine is not situated on level ground	Move to flat and solid ground
Compressor not working	Compressor heat protection cut out operated	Wait for 3 minutes, restart the machine when temperature normal

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.

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.

Battery Removal

Remove the AAA batteries from the remote control handset by sliding open the compartment door and unclipping them.

Dispose of batteries according to local authority guidelines.

WARNING: Do not dispose of by fire. This could result in an explosion.

Under the Waste Batteries and Accumulators Regulations 2009, Jack Sealey Ltd are required to inform potential purchasers of products containing batteries (as defined within these regulations), that they are registered with Valpak's registered compliance scheme.
Jack Sealey Ltd's Batteries Producer Registration Number (BPRN) is BPRN00705.

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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SEALEY POWER PRODUCTS
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