INSTRUCTIONS FOR:

AIR CONDITIONER/DEHUMIDIFIER/HEATER

12,000Btu/hr

MODEL No: SAC12000

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

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 the risk of electric shock is minimised by the installation of appropriate safety devices. An RCCB (Residual Current Circuit Breaker) should be incorporated in the main distribution board. We recommend that an RCD (Residual Current Device) is used with all electrical products. It is particularly important to use an RCD with portable products that are plugged into a supply not protected by an RCCB. If in doubt consult a qualified electrician. You may obtain an RCD by contacting your local Sealey dealer. Electrical safety information, it is important that the following information is read and understood.

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.

1.2. 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.

1.3. 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 use a Portable Appliance Tester.

1.4. Ensure that cables are always protected against short circuit and overload.

1.5. Regularly inspect power supply cables and plugs for wear or damage and check all connections to ensure that they are secure.

1.6. **Important**: Ensure that the voltage rating on the appliance suits the power supply to be used and that the plug is fitted with the correct fuse - see fuse rating in these instructions.

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

1.8. **DO NOT** pull the plug from the socket by the cable. Remove the plug from the socket by maintaining a firm grip on the plug.

1.9. **DO NOT** use worn or damaged cables, plugs or connectors. Ensure that any faulty item is repaired or replaced immediately by a qualified electrician.

1.2. This product is fitted with a BS1363/A 13 Amp 3 pin plug.

1.1. If the cable or plug is damaged, remove from use and ensure that repairs are carried out by a qualified electrician.

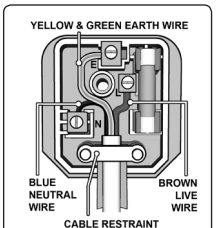
1.2. Replace a damaged plug with a BS1363/A 13A 3 pin plug. If in doubt contact a qualified electrician.

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 and ensure that all wires have been correctly connected. Ensure that the cable outer sheath extends beyond the cable restraint and that the restraint is tight. Double insulated products are marked with the Class II symbol ⧈ . Class II products are wired with live (brown) and neutral (blue) only. To rewire, connect the wires as indicated in diagram. **DO NOT** connect either wire to the earth terminal.



Recommended Fuse Rating: 13A

1.3. Products which require more than 13 amps are supplied without a plug. Contact a qualified electrician to ensure that a suitably rated supply is available. Ensure that an industrial round pin plug and socket are fitted by a qualified electrician.

1.4. If an extension cable reel is used, ensure that it is fully unwound before connection. Use a reel that includes an RCD, an appliance will be protected by the RCD. The cable core section is important and should be at least 1.5mm^2. Ensure that the cable of the reel is apropriate for this product. We recommend the use of 2.5mm² core section cable.

1.2. GENERAL SAFETY

✓ Check that the unit 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.*

✗ **DO NOT** stand or place ***any*** object closer than 500mm from the unit.

✗ **DO NOT** obstruct the air intakes or outlets of the unit, and do not cover with washed clothes.

✗ **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 unit when you are tired or under the influence of alcohol, drugs or intoxicating medication.

✗ **DO NOT** switch the unit 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.**

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

✓ Place the unit on a level and stable surface.

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

✓ **DO NOT** use the unit outside.

✓ Ensure that heating appliances are not exposed to the flow of air from the unit.

✓ Before attempting to move the unit, empty the contents of the water tank. Use side carrying handles when moving unit.

✓ Switch off and disconnect unit from the mains before attempting any cleaning or other maintenance work.

✓ Ensure that the unit is turned off correctly when not in use, and stored in a safe, dry area, out of reach of children.

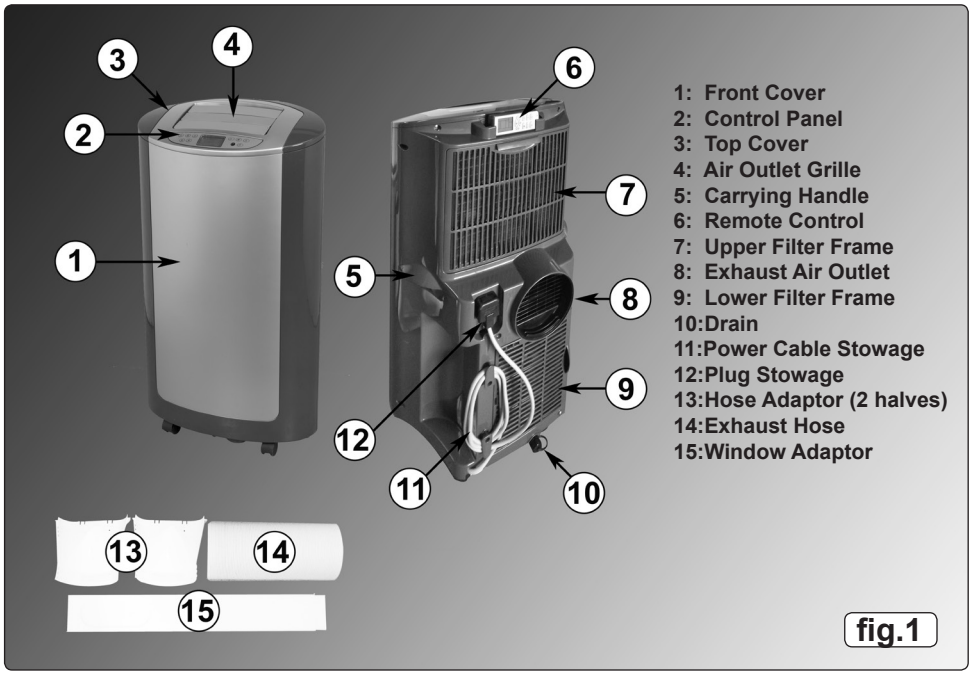
NOTE: This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.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

2. INTRODUCTION

Thermostatically controlled unit with extendable exhaust hose and window kit - ideal for home or office environments. Features three-speed fan and electronic remote control. Air conditioning temperature range 18-30°C. Also features heating and dehumidifying functions. Dehumidifier capable of removing up to 33.6ltr/day. Refrigerant is R410A. Mounted on castors for manoeuvrability. Cable storage keeps unit tidy when not in use.

3. SPECIFICATION

Model No:	**SAC12000**
Cooling Capacity:	12000Btu/hr
Supply:	230V
Power:	1355W
Maximum Airflow:	435m³/hr
Maximum Water Extraction Rate:	33.6ltr/day
Refrigerant:	R410A
Discharge Side Pressure:	3.5Mpa
Suction Side Pressure;	1MPa
Exhaust Hose Length:	1500mm
Energy Class:	A
Weight:	32.5kg



4. INSTALLATION

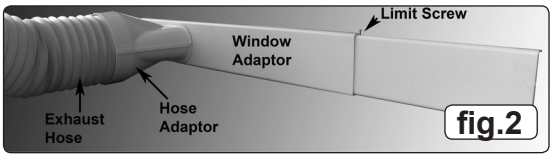
4.1. **IMPORTANT:** Allow the refrigerant to settle for at least two hours before using the unit.

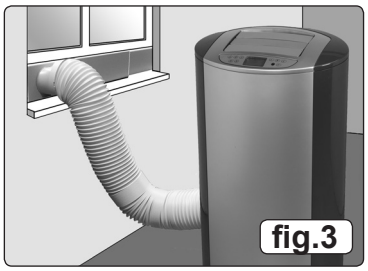
4.2. **Exhaust Hose Assembly**

4.2.1. Snap the two halves of the hose adaptor (fig.1.13) together (do not use excessive force).
4.2.2. Pull one end exhaust hose (fig1.14) out from its closed position.
4.2.3. Insert the end into the exhaust air outlet (fig.1.8) and turn in an anticlockwise direction until tight.
4.2.4. Pull the free end out and screw the assembled hose adaptor onto the outer end of the exhaust hose in an anticlockwise direction until tight.

4.3. **Window Adaptor**

4.3.1. Slide the window adaptor to the correct width for the window opening and locate the stop screw in the relevant screw hole to stop the slide closing.
4.3.2. Close the window onto the window adaptor, clamping it in place. This can be achieved with sash windows, sliding windows or vertically hinged widows.
4.3.3. Insert the hose adaptor into the window adaptor (figs 2 and 3).



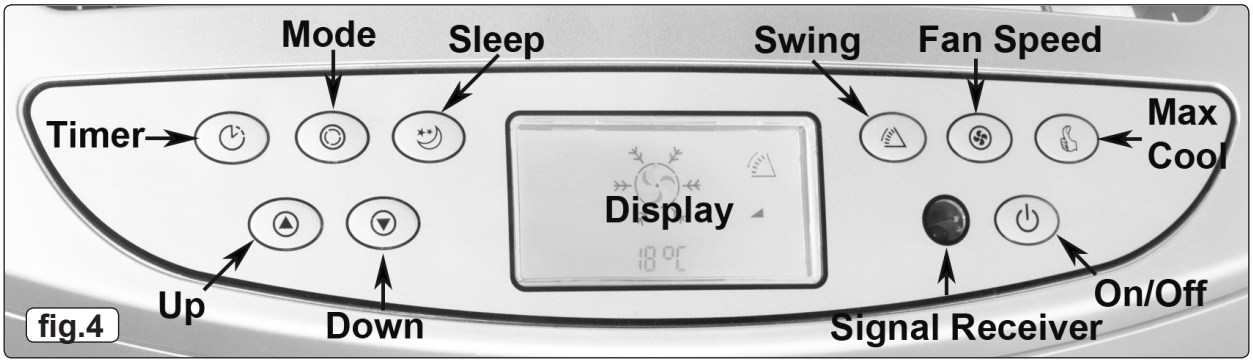


4.4. **DO NOT** use an extension hose or hose different from the one supplied. The length and diameter of the hose supplied are the optimum size for this unit. Changing those dimensions could affect the performance.

4.5. **Location**

The SAC12000 should be located on a flat floor and be 500mm clear of any surrounding objects.

5. OPERATION



5.1. Control Functions

5.1.1. When connected to mains power, the unit enters standby status. The display shows the ambient temperature if between 5-35°C/41-95° If below this range, the display will show 'L'; if above it will show 'H'.

5.1.2. On/Off Button : When this button is pressed, the unit will enter cooling mode (the default temerature setting is 24°C/75°F). A further press of the button and the machine will revert to standby status.

5.1.3. Mode Button Scroll through by repeatedly pressing this button for: Cooling, Fan, Heating or Dehumidifier mode.

5.1.4. Fan Button Scroll through by repeatedly pressing to obtain: High Speed, Medium Speed, Low Speed.

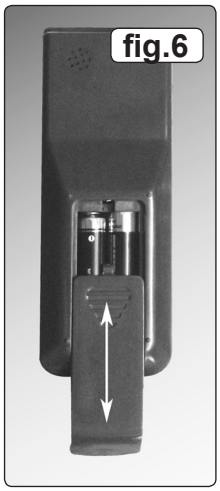
5.1.5. Timer Button On the first press the icon will show in the display, along with '24.00'. Using the and buttons adjust the hour either up or down, the minute setting will flash after a short pause and can be adjusted up or down until the required time is reached. The icon will show until the machine switches on after the set period. When the unit is running, setting the timer will switch it off after the required period

5.1.6. The and buttons can be used to set either time or temperature.
If pressed simultaneously, the temperature display can changed from °C to °F.

5.1.7. Press button to select sleep mode when the machine is in cooling or heating mode.

5.1.8. Press button to start the outlet louvres oscillating; a second press will stop them.

5.1.9. Press button for maximum cooling. This will achieve cool air more quickly when in the cooling mode.



5.2. Remote Control

5.2.1. The remote control requires 2 x AAA 1.5V batteries which are fitted and removed by sliding the battery compartment cover open and inserting the batteries in the compartment. Ensure that the correct polarity of the batteries.

5.2.2. The icons on the remote control are identical to those on the control panel as described in section **5.1.** above, and fulfil the same functions. The only difference is the **Temperature °C↔°F** button which allows the temperature scale to be altered.

5.2.3. The key pad can be locked by pressing a sharp object into the 'Lock' aperture. This will prevent tampering. To release: similarly press into the 'Reset' aperture.

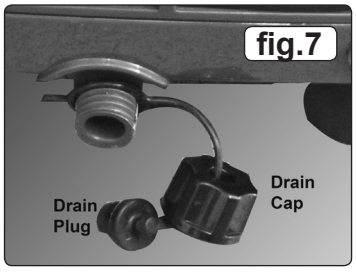
5.3 Self Protection Features

5.3.1. Freezing Protection.
During low ambient temperature conditions the unit will stop working when in the cooling mode. The display will show 'E4'. When the temperature rises**,** the previous setting is resumed.

5.3.2. Full Water Tank.
If the water tank becomes full, P2 will flash on the display. See section 5.4 for remedy.

5.3.3. Compressor Delay.
Except when starting up for the first time, there is a 3 minute delay before the compressor starts running.

5.3.4. Low Refrigerant.
When the unit senses a low refrigerant condition (by comparing inlet and output temperatures) it will shut the compressor and water pump down and the fan speed will drop to minimum setting. The display will show 'E3'.

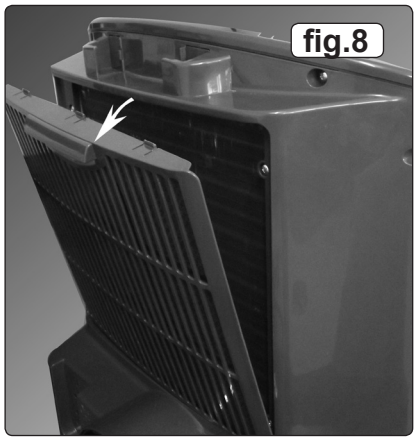


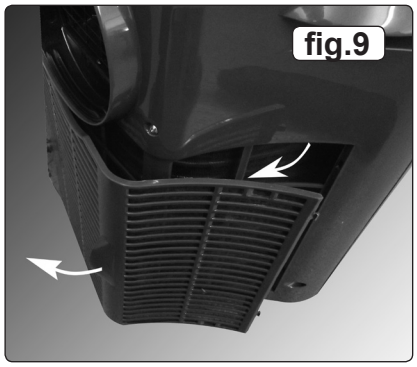
5.4. Water Drainage.
Under normal circumstances, the unit will evaporate the condensate produced and discharge it along with the exhaust air.

5.4.1. If the machine shuts down because of excess water in the drain tank (as in 5.3.2.), disconnect from mains power. Move the machine slowly to avoid spilling condensate. Drain the tank (fig.7) by unscrewing the drain cap, removing the drain plug and draining the collected water into a suitable container or drain.

5.4.2. Refit the drain plug and drain cap; reconnect to the mains power and continue using

6. MAINTENANCE





6.1. General Maintenance.
Turn the unit OFF and disconnect it from the mains power supply before cleaning or performing any maintenance.

6.1.1. Inspect the unit on a regular basis and replace or repair any damaged parts. *Use recommended parts and an authorised service agent. Unauthorised parts may be dangerous and will invalidate the warranty.*

6.1.2. Do not use any solvents or abrasive material to clean the plastic exterior of the unit. Use only a damp soft cloth for cleaning and dry the unit afterwards with a clean, dry, soft cloth.

6.2. Air Filters. Clean the air filters every two weeks for optimum performance. The filters are situated at the rear of the unit (figs.8 and 9), and are held in place by plastic frames.

6.2.1. Upper Filter
Pull the top handle gently to release the holding lugs and remove the filter frame.

6.2.2. Lower Filter.
Pull the corner handle gently to release the holding lugs and remove the filter frame.

6.2.3. Once released, remove the filter from the frame and tap it gently to remove dust, or vacuum it gently if it is very clogged with dirt.

6.2.4. If the filter is heavily soiled, it can be washed in warm water containing a mild, neutral detergent. Ensure that the filter is dry completely before installing it.

6.2.5. To replace the filter, first insert the two bottom tags of the filter frame into the bottom edge of the filter frame recess in the unit. Lay the filter into the filter frame and hinge the frame forwards into the recess. Push the top of the frame inwards until the two clips snap into place.

6.2.6. Refitting the filter frames into the machine is the opposite of 6.2.1./6.2.2.

6.3. If the unit is not to be used for a long period of time, drain off any water in the tank. Place a large enough container under the rear of the unit, remove the rubber drainage stopper (fig.7) to allow the tank to drain. When the tank is empty, replace the stopper firmly. Clean the unit and air filter as above, and store in a safe, dry area, out of the reach of children.

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 an environmentally protective way. Contact your local solid waste authority for recycling information.

Battery Removal

See section 5.2.1. for battery removal
***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.

Parts support is available for this product. To obtain parts email sales@sealey.co.uk or phone 01284 757500.

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.
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