

Polar Wind^{Plus} Air Conditioner



Operating Instructions & Safety Guide

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AIR CONDITIONING

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General Safety

- This equipment should only be used by a competent person who has read and understood these instructions.
- Check condition of equipment before use. If unit is showing any signs of damage contact your supplier immediately.
- Never operate this equipment if you are ill, feeling tired or under the influence of alcohol or drugs.
- Keep all vents and grills clear of obstructions.
- Keep children and animals away from air conditioning units. Never leave them alone when the unit is in use.
- Make sure equipment is switched off and unplugged after use.
- Do not use the unit where sunlight is shining directly on to it

Electrical Safety

- This unit requires a 230 volt electrical supply. It plugs into standard domestic 13 amp socket.
- Always inspect plugs and power cables for damage before plugging into power supply.
- **DO NOT USE IF ANY DAMAGE IS FOUND.**
- Ensure cables are installed to prevent hazards.
- If an extension lead is used, ensure it is of the correct standard and fully uncoiled before use.
- Cables must not be laid in wet or damp areas.
- Do not move equipment while operating.
- Do not pull equipment by the power lead.
- It is recommended that this equipment is protected by an RCD when in use.

Maintenance

- Disconnect from electrical supply before any cleaning or maintenance.
- Do not use chemical solvents to clean the surface of the unit. Use a clean damp cloth.
- Check the Air filter every week. (Fig 4)
- Remove the air filter, the element may be vacuumed clean or washed in a neutral and detergent mix (40°C).
- Rinse and dry the filter before replacing.
- Do not dry in direct sunlight.

Laying Up

1. Clean Filter.
2. Clean surfaces.
3. Drain water from unit. Please note water will drain from the low level water drain (fig5) when the stopper is removed. Run in fan mode until the pipe is dry.
DO NOT DO THIS ON ANY INDOOR FLOOR SURFACES.
4. When the unit is clean and drained, store in a clean, dry area. Stow cable.

Getting Started and Operation

- Never operate the unit in very hot or cold conditions – it works properly at temperatures between 16°C and 31°C.
- Always allow the unit to stand/settle for 15 minutes before switching on when either setting or restarting.
- Position the mobile air conditioner in a flat location where the air outlets cannot be covered up. Place the unit no less than 50cm away from a wall or other obstacle.
- Fit the square end of the exhaust duct to the exhaust terminal of the unit (fig 1)
- Put the other end (discharge) out of the nearest window. The length of the air exhaust between 600 – 2000mm. Use the minimum length when working. When mounting, try and keep the air exhaust hose vertical or horizontal, sloping up or down. Never operate if the hose is kinked or sagging. (fig2 & 3).
- If mounting exhaust duct through a wall, the height of the hole should be 40 – 130cm.

Before Starting the unit

1. Select a suitable location, with access to a 13amp 230volt 50Hz socket outlet. Plug in and switch on.

2. Install the flexible exhaust hose to outside atmosphere.

Note: Step 2 is only required when cooling mode is selected.

3. Connect the pumped condensate drain hose to suitable drain point or container.

Cooling Operation

1. Switch on unit by pressing the Power Button.

2. Press the mode select button until the cooling mode symbol illuminates on the display panel.

3. Press the Temperature Up / Down buttons to set the desired room temperature between 16°C – 31°C. After a few seconds the display will change to show the actual room temperature.

4. Press the Speed button to set the desired fan speed.

Dehumidifier Operation

1. Switch on the unit by pressing the Power Button.

2. Press the mode select button until the dehumidifying mode symbol illuminates on the display panel.

Note the temperature and fan speed will automatically.

Auto Mode

When the display indicates the desired room temperature, selecting auto mode the unit will operate automatically.

Setting Timer ON

With the air conditioner turned **OFF**, press the timer button and select (with the temp + and temp- buttons) a time the unit is required to start.

Setting Timer OFF

With the air conditioner turned **ON**, press the timer button and select (with the temp+ and temp- buttons) a time the unit is required to turn **OFF**.

For efficient operation, keep doors and windows shut.

