



EH1460
4.4 kW (15000 BTU/hour)
Mobile Air Conditioner



Air Conditioning
Cooling
Dehumidifying
Remote control
3 Fan speeds
LED display panel
24 Hour timer

IMPORTANT

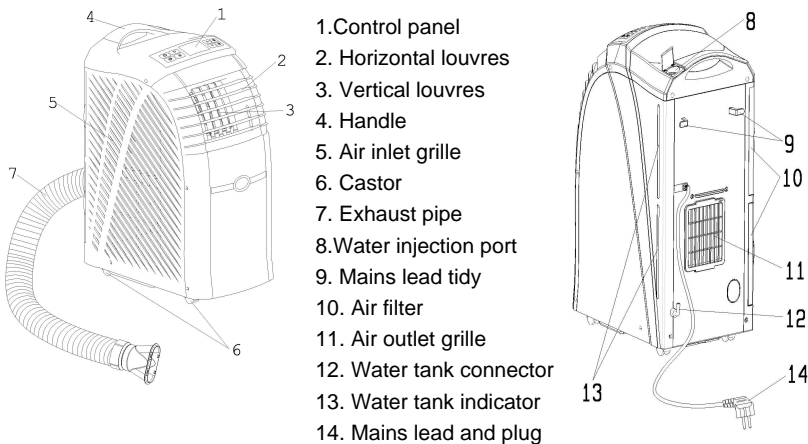
Installer and Users please note:

These instructions should be read carefully and left with the user of the product for future reference.

BEFORE USE

Inspect the product including its cable and plug for any signs of damage. If the product is damaged, DO NOT use it, and contact your supplier immediately. The appliance contains a refrigerant gas, so must be kept upright at all times. After unpacking wait 3 hours for the refrigerant gas to stabilise before use.

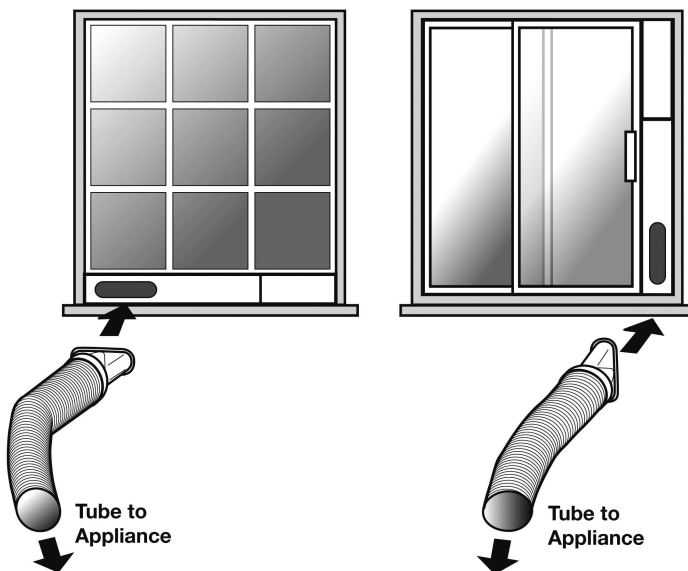
INSTALLATION



Stand the appliance on a firm, flat, level surface, at least 500 mm from the nearest wall.

Connect the exhaust hose as follows: expand a small section of the end, and screw into the indoor adaptor; then slide the indoor adaptor into the slot at the back of the unit. Expand a small section of the other end of the hose, and screw into the fish-tail-shaped adaptor.

Slide the two-part window adaptor to the correct length to fit the window (as shown opposite). Close the window as far as possible to keep the window adaptor in place. Clip the fish-tail shaped adaptor into the obround aperture in the window adaptor.



Keep the hose as straight as possible, avoid dips where the moisture from the exhaust air can condense and fill the tube with water. Do not allow the hose to be crushed.

The hose can be expanded up to 1.7 m long, but the shorter it is the more efficiently the appliance will operate. Do not extend the hose, or replace with another type of hose.

Fit two AAA batteries to the remote control, observing the correct polarity.

PAT TESTING.

When used in an commercial environment, this product must be safety-tested yearly by a qualified electrician (PAT Tested) in order to comply with the Electricity at Work Regulations.

We recommend that it is PAT tested regularly when used in a domestic environment.

GENERAL SAFETY REQUIREMENTS

Domestic wiring must be tested periodically by a qualified electrician at least once every 10 years or at every change of occupancy.

For office and retail premises, and buildings such as village halls, the wiring must be inspected at least once every 5 years.

It is recommended that all building be fitted with smoke alarms (it is mandatory for new buildings).

PRODUCT SAFETY

- 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 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
- Place the appliance on a firm flat surface. Ensure that the it is kept upright at all times
- Ensure that there is at least 300mm (1') between the sides of the appliance and any flammable materials
- Ensure that there is at least 900mm (3') from the top of the appliance and any flammable materials.
- Do not place on soft surfaces.
- Do not cover.
- Do not obstruct the air intakes and exhausts.
- For indoor use only
- Not suitable for use in boats, caravans or similar locations.
- Do not use in bathrooms, or in wet locations.
- Do not place the mains lead beneath a carpet or rug.
- Do not use the appliance in locations where paint, petrol or other flammable liquids are used or stored.
- Always transport and store in an upright position.
- Do not allow the appliance to fall over when there is water in the tank.

OPERATION

Leave the appliance in an upright position for 3 hours before first use.

Plug the mains lead into a 13 Amp mains socket (unless permanently installed)

If connecting via an extension lead, make sure that the lead is rated at 13 Amps or more, and that it is fully unwound.

Switch the unit on at the mains socket.

ON/OFF Button: Press the "ON/OFF" button to start the unit. The Power indicator illuminates when the appliance is ON. There will be a short delay (of about 3 minutes) before the appliance starts to operate.

"MODE" Button: Select the mode by pressing the "MODE" button. The available modes are:



Cooling mode: cools if the room temperature is above the selected temperature. Then use the ▲ and ▼ buttons to select the desired room temperature. When the temperature reaches the desired temperature, the compressor will stop, and the fan will continue to run.



Dehumidifying mode: removes humidity, but does not affect room temperature. The fan operates at its lowest speed. For best results, do not use the exhaust tube, but fit a permanent drainage pipe to the drain outlet as shown on page 7.



Fan mode: circulates the air, but does not affect room temperature or humidity. The exhaust tube is not required in fan mode.

"SPEED" Button: Set the fan speed using the fan speed control.

In all modes except dehumidifying mode. The fan speed can be low, medium or high. The fan speed is indicated by the speed of the segments on the windmill symbol on the LED display.


▲ and ▼ buttons:

Use the ▲ and ▼ buttons to select the desired room temperature. The temperature can be set to any temperature from 18 °C to 30 °C. Selecting a higher temperature whilst cooling will reduce power consumption.


Pressing both ▲ and ▼ buttons together changes the display between Celsius and Fahrenheit.




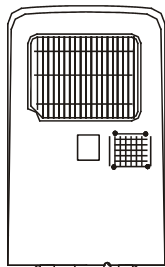
SWING button: Press the "SWING" button to turn the oscillation of the louvers on or off.

ECONOMY MODE. Press the  button to select economy mode. In economy mode the fan speed is reduced, the cooling temperature is fixed at 27°C.

WATER INJECTION.

If the water injection indicator  illuminates then the cooling efficiency can be enhanced by adding water to the water injection tank. The filler is located at the right hand side, next to the handle. (see drawing on page 2). Do not add water in fan or dehumidifying modes.

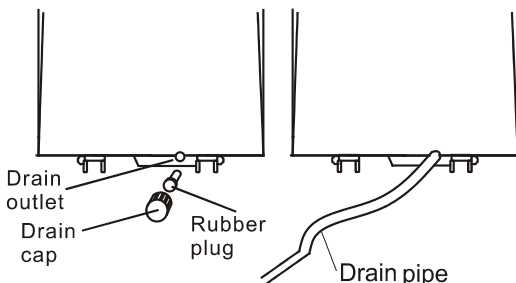
If the **"WATER FULL"** indicator  lights, the condensate water tank is full. This should only happen very rarely, as most of the water collected is evaporated and sent down the exhaust air tube.



To empty the water, switch the unit off by pressing the ON/OFF button, wait for three minutes, and then disconnect from the mains supply. Place a drainage pan underneath the drain outlet plug (at the bottom of the unit, at the back in the centre). Withdraw the bung, and allow the water to drain into the drainage pan. Replace the bung, and reconnect the unit to the mains supply.

The water should be disposed of down a drain.

To avoid the need to empty the water, a permanent drain tube may be



fitted as shown: use a piece of 18mm diameter tube (not supplied) and run the pipe to a drain, making sure that it runs downhill all the way.

Always switch off using the on-off switch on the control panel, NOT by switching off at the mains socket. This is so that the appliance can allow the gas pressures to equalise.

Unplug the appliance from the mains when not in use.

USING THE TIMER

The timer can set the unit to run for a selected time (between ½ and 24 hours) and then turn OFF.

Or, it can set the unit to wait for a selected time (between ½ and 24 hours) before turning ON.

To select timed turn-off press the timer button whilst the unit is switched ON. Then, whilst the display is flashing, adjust the time using the ▲ and ▼ buttons for the number of hours' delay before switching off.

To select timed turn-on press the timer button whilst the unit is switched OFF (connected to the mains supply but switched OFF using the ON/OFF

button). Then, whilst the display is flashing, adjust the time using the ▲ and ▼ buttons for the number of hours' delay before switching on. To cancel the timer, press the TIMER button, and then press it again whilst the screen is flashing.

USING THE REMOTE CONTROL

The cooling, dehumidifying and fan modes are selected in exactly the same way as using the control panel on the main unit.

Additionally, the lower right button can be used to make the remote control display the room temperature. The remote control handset can they be used as a thermometer when not controlling the air-conditioner.

END OF SEASON STORAGE.

Before putting the appliance into storage, empty all water from the drain, and run the appliance on "fan only" mode for a few hours to dry the inside thoroughly. Clean the filter, unplug the mains cable, and store the appliance in its original box in an upright position.

OPERATING COSTS

At time of going to press, the average cost of electricity is £0.12 per unit (kilowatt-hour). The amount you are being charged will be shown on your electricity bill.

At this cost, the EH0468 will cost £0.24 per hour to run in cooling or dehumidifying modes, and £0.06 per hour to run in the fan-only mode.

To minimise the power used (and reduce operating costs):

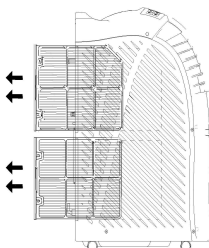
- Make sure that the filter is kept clean.
- Make sure that the air intakes and exhausts are not obstructed.
- Keep doors and windows closed to prevent conditioned air from escaping, and to prevent exhaust air from re-entering the room.
- Use blinds to prevent direct sunlight reaching the room.

MAINTENANCE

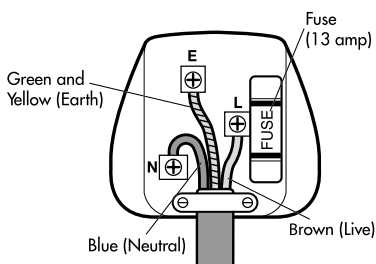
Before cleaning, turn the appliance off, and disconnect from the mains supply. The appliance may then be cleaned using a damp cloth with a drop of washing-up liquid to remove any dust or dirt from the case. Do not use stronger detergents or solvents as these may damage the plastic.

Cleaning the filter:

The filter is located on the side panel of the appliance. Unclip to remove, then remove dust and dirt using a vacuum cleaner. The filter should be cleaned every two weeks to maintain optimum performance. Using a dry 1" (25mm) paint-brush, remove any dust from the grilles.



If the mains lead is damaged, it must be replaced by the manufacturer or an authorised service centre. If the mains plug needs to be replaced, proceed as follows:



- Connect the brown wire to the terminal labelled "L".
- Connect the blue wire to the terminal labelled "N".
- Connect the green/yellow wire to the terminal labelled with the earth symbol or "E".
- Make sure that the cord-grip is positioned correctly (over the outer sheath of the cable) and it fully tightened.

FAULT-FINDING

If the appliance is not operating, proceed as follows:

Check that the mains plug is firmly in the socket, and that the socket is switched ON.

When the unit is switched on there will be a delay of about 1 minute before it starts to operate.

• Unit stops running:

Mains supply is disconnected or has failed

Target temperature has been reached.

Timer has been set.

Water tank is full (WATERFULL indicator will illuminate)

• DF is shown on the display

The appliance is defrosting. This is normal.

• In cooling mode, no cool air is produced:

Room temperature is lower than set temperature

The unit is defrosting (this will take a few minutes, and afterwards, it will resume operation)

Filter is blocked

• **Cooling is poor on hot days**

Too much direct sunshine is heating the room

Windows or doors are open allowing hot air into the room

A lot of people in the room (each person contributes about 75W of heating)

Electrical equipment in the room producing heat

• **Remote control does not work:**

Check batteries are correctly installed, and are not exhausted.

Make sure that the remote control is pointed towards the main unit when being used.

FAULT CODES

If any error codes appear on the display, contact your local service agent.

E2: Room temperature sensor failure

E3: Evaporator temperature sensor failure

DISPOSAL AND RECYCLING

You must not dispose of this appliance with domestic household waste.

Most local authorities have specific collection system for appliances and disposal is free of charge to the end-user.

When replacing an existing appliance with a similar new appliance your retailer may take the old appliance for disposal. This air conditioner contains R410a refrigerant gas. At the end of its life the disposal of this product must be in accordance with local regulations.

TECHNICAL SPECIFICATION

| | |
|--------------------------------|----------------------------|
| Dimensions: | 380x830x610 mm |
| Weight: | 42 kg |
| Power supply: | 230V ~ |
| Power consumption (cooling): | 1950 W |
| Operating current (cooling): | 8.5 A |
| Cooling capacity: | 4400 W (15000 BTU/hour) |
| Dehumidifying capacity: | 36 litres/day |
| Working temperature (cooling): | 16 – 32 °C |
| Air flow: | 580 m ³ /h |
| Refrigerant: | R410a (820 g) |

SERVICE WARRANTY

Prem-i-Air guarantees the product free from defects in materials and workmanship for a period of two years.

Should this unit be operated under conditions other than those recommended, at voltages other than the voltage indicated on the unit, or any attempts made to service or modify the unit, then the warranty will be rendered void.

The product you buy may sometimes differ slightly from illustrations. This warranty is in addition to, and does not affect, your statutory rights.

If you have any problems with this product, please call our Help Desk on (0845) 459 4816.

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