

Operation Manual

Portable Air Purifier



Healthy Air Go
(HA30)

Read First

Thank you for purchasing the Healthy Air Go (HA30). Please read this operation manual carefully before installation and use.

Warranty

This product is covered by a 1 year warranty from the date of purchase.

If any issues occur during this period, please contact your retailer or the manufacturer.

The warranty applies only to products that have been used in accordance with this manual and for the intended purpose of portable air purification, including use inside vehicles where applicable.

▲ The unit should not be left operating unattended.

For further information or product support, please contact your retailer.

Warning

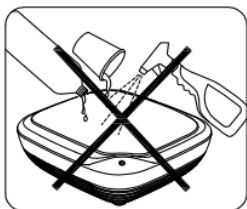
The unit will start automatically once installed, without pressing the start button. This allows the air purification process to begin before the vehicle engine is started.

▲ The unit may continue operating even after the engine has been switched off and the ignition key has been removed.

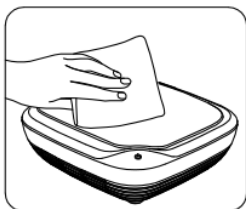
▲ If the vehicle is left unattended, switch off the unit (see start/stop instructions) before leaving the vehicle.

▲ Electrical devices should not be left operating unattended in order to prevent potential safety risks and unnecessary battery discharge.

1 Important Information

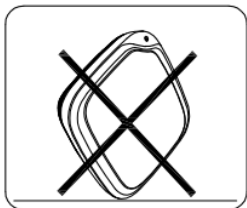


▲ Do not use alcohol, petrol, diesel, corrosive cleaners, or solvents to clean the unit, as this may damage the product and void the warranty.



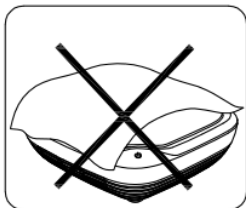
▲ Disconnect the unit from the power supply before cleaning.

▲ Wipe with a dry cloth. For stubborn stains, use a slightly damp cloth with mild soap.



▲ Operate the unit strictly in accordance with this manual.

▲ Keep the unit away from liquids.



▲ Do not block the air inlet or air outlet.

▲ Ensure sufficient space around the unit during operation.

⚠ Important Information

▲ For safety reasons, do not operate the unit while driving. Stop the vehicle before making adjustments.

▲ Keep the unit away from liquids or moisture to prevent short circuits or electric shock.

▲ Keep the unit away from flammable materials and potential sources of ignition.

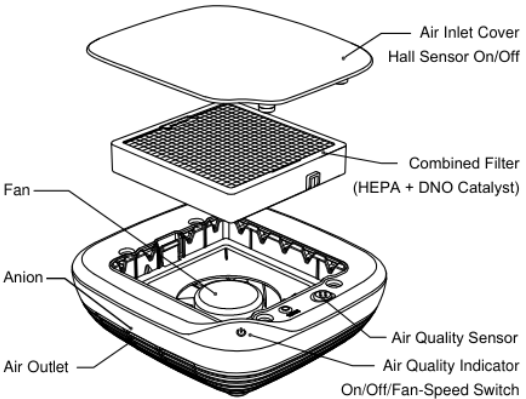
▲ Use only the supplied power cable. Do not use non-approved power cables, as this may damage the product or result in personal injury.



▲ The unit must not be disposed of with normal household waste.

▲ The used filter may be disposed of with normal household waste. The filter is not reusable and

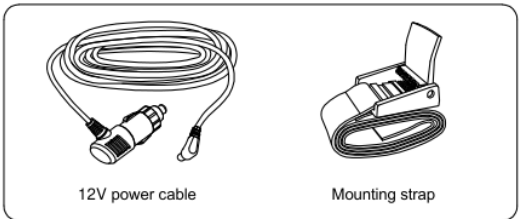
2.1 Components



Important Information

- ▲ After extended storage, allow the unit to warm up for 30 minutes. Under normal operating conditions, allow 2 minutes for warm-up.
- ▲ If the indicator remains red for an extended period, switch the unit off, wait 15–25 seconds, and then restart the unit.

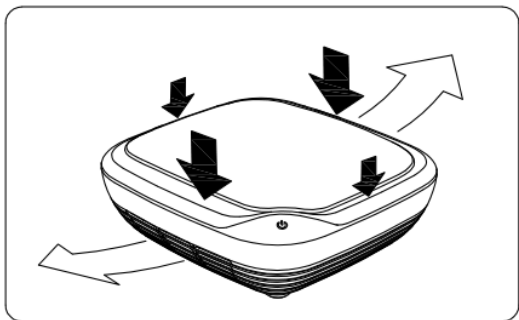
2.2 Accessories in the package



- ▲ For your safety, please install the unit as per these instructions only.

- ▲ Use only the supplied power cable and strap. Failure to do so may result in safety risks and may void the warranty.

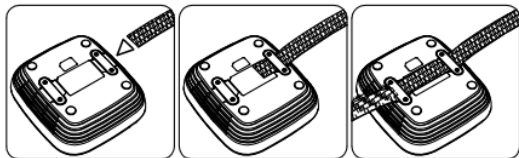
3 How to Install the Unit



▲ The unit comes with slip-resistant rubber feet. However, for safety reasons, do not place the unit on the dashboard or use it without the strap.

▲ Many vehicles have airbags located in or near the dashboard. If not properly secured, the unit may be propelled forward during airbag deployment.

3.1 Installation-Safety Strap



a. Push the strap through the two slots between the bottom case and panels. Use the strap to attach the unit to the headrest or armrest.

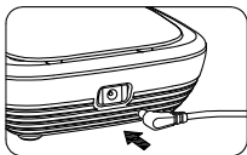


b. Secure the strap in a safe position so that it does not interfere with the driver or passengers during vehicle operation.

⚠ Warning

- ▲ The strap may not fit all car armrests.
- ▲ Do not operate or adjust the unit while driving.
- ▲ Do not use other materials such as tape or rope to install the unit.

4 How to Use the Air Purifier



a. Connect the power cable to the unit as shown.



b. Connect to the 12V power socket of your car.

4.1 Air Quality Detection System

The unit has a built-in air quality detection system that measures particulate matter (PM2.5) and common chemical gases such as volatile organic compounds (VOCs), nitrogen dioxide and sulfur dioxide before the air purification process. Air pollution levels are indicated as follows:

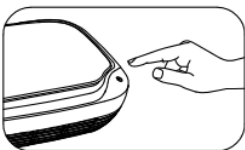
- Blue lights - lowest pollution level (below 2.5 mg/m^3)
- Pink/Purple lights - elevated pollution level ($2.5\text{--}7.5 \text{ mg/m}^3$)
- Red lights - high pollution level (above 7.5 mg/m^3)

The unit automatically adjusts the fan speed according to the detected air quality level.

- Blue lights - low fan speed
- Pink/Purple lights - medium fan speed
- Red lights - high fan speed

When the air quality improves to a safe level, the indicator lights return to blue and the fan speed automatically returns to the lowest setting.

4.2 Fan settings



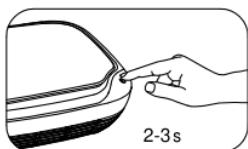
▲ The fan has three speed settings which can be manually adjusted if required. This is done by pressing the start button with a short tap.

(Note: If the start button is held down for 3 seconds, the unit will turn off.)

The unit indicates the fan speed as follows:

- ▲ One tone indicates low speed.
- ▲ Two tones indicate medium speed.
- ▲ Three tones indicate high speed.

To go into low-speed mode from high-speed mode, press the button. A single tone indicates that the fan speed has changed from high speed to low speed.



▲ To enter standby mode, hold the button for 2–3 seconds. A single tone indicates that the unit has entered standby.

▲ Warning - Never change the settings on the unit when operating the vehicle, as it may distract the driver from safely operating the vehicle.

5 Filter system

The unit is supplied with a filter produced by Healthy Air Technology Ltd, located under the protective cover. The cover is secured by magnetic fixings, and the unit will automatically power off if the cover is removed.

The filtration system consists of several filters, including a pre-filter, HEPA filter and a DNO catalyst filter. This compact filtration system removes PM2.5 particles and absorbs or converts chemical gases and unpleasant odours.

The pre-filter captures larger particles such as human and pet hair. The HEPA filter removes fine particles as small as $0.3\ \mu\text{m}$ in diameter, including airborne microorganisms, fungi, viruses, dust and pollen. The DNO catalyst filter absorbs and breaks down unpleasant odours such as smoke, airborne TVOC (formaldehyde, benzene, methylbenzene, etc.) and harmful gases including H_2S , NO_x and SO_x , while also inactivating viruses. The unit also includes an anion function. It releases negative ions that can charge airborne particles, encouraging them to cluster and be captured more readily. This system does not generate secondary pollution.

Air Cleaning Performance*

Target Pollutant	Clean Air Delivery Rate (CADR)	Cleaning Energy
Particle	25.9 m^3/h	High Efficiency
Formaldehyde	6.0 m^3/h	High Efficiency
Noise (Sound Power Level)	53.8 dB(A)	

*Complying with GB/T18801-2015. Tested in a $3\ \text{m}^3$ chamber for 1 hour.

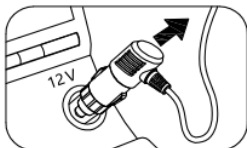


⚠ Important Information

If the air quality indicator is flashing continuously, you may need to replace the filter.

▲ Replace the used filter only with a replacement filter supplied by Healthy Air Technology Ltd. Otherwise, performance may not be guaranteed and any related issues may not be covered by the warranty.

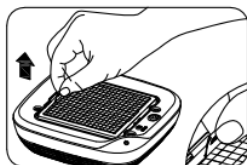
5.1 How to Replace the Filter



a. Disconnect the power supply.



b. Remove the cover as shown.



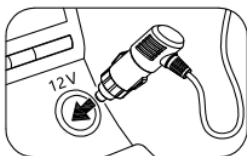
c. Remove the filter as shown.



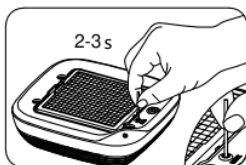
d. Use the groove and insert the new filter.

▲ The filter may easily be removed and replaced by pulling on the ribbon attached. The filter only can be inserted in one direction, shown as the above photo. Please do not force the filter in. The Filter must be replaced, and the reset operation undertaken (see later).

5.2 Reset the Unit After Replacing the Filter



a. If the filter has been disturbed or removed, or if the unit has been operating at high fan speed for a long period, the unit may require resetting. The reset hole is located under the filter cover. The unit should then power up in standby mode.



b. Using a pin, press and hold the RESET button for 2–3 seconds. After a double tone is heard and the air quality indicator light turns on, release the RESET button.



c. Replace the cover. The unit will start in low-speed mode, indicating that the reset has been completed successfully.

Note: Replacement filters can be purchased from your retailer or from Healthy Air Technology Ltd.

Important Information

The product has a built-in sensor, for your safety, the unit will turn off if the cover is removed while the fan is running, and there will be a continuous tone.

6 Troubleshooting

Question 1

I cannot start the unit.

Solution 1

▲ Check that the power cable is connected to the unit and that the 12V power supply is on.

▲ Check if the cover is attached properly.

▲ Press the power switch again. If it still does not start up, please contact your retailer.

Question 2

In some cars, the unit does not switch off when the car engine is turned off.

Solution 2

To avoid exhausting the car battery, the unit will turn off automatically after continuously running for 2 hours.

Question 3

There is still an unpleasant odor even after using the unit for a short period of time.

Solution 3

This problem occurs especially in new cars, which may smell strongly of factory materials such as leather, plastics and glue. To reduce such odours, keep the unit running continuously. This will greatly reduce the air pollutants. Even so, some of the odour may persist.

Question 4

Why does the fan change speeds automatically?

Solution 4

The unit uses an air quality sensor to estimate the level of pollutants in the vehicle and automatically adjusts to a suitable fan speed. You can also adjust the fan speed manually.

Question 5

After replacing the filter, the air quality indicator is flashing continuously.

Solution 5

The unit needs to be reset after replacing the filter. See the reset procedure.

Question 6

How long before I need to replace the filter?

Solution 6

When the filter needs to be replaced, the air quality indicator will flash continuously. Replacement intervals depend on the air quality in the vehicle, frequency of use, and personal habits such as smoking.

Under light use, replace the filter every 3–5 months. Under heavy use, replace it every 2 months.

Healthy Air Technology Ltd

Manufacturer and UK responsible business

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Website: www.healthyairtech.com



Conformity and disposal markings are shown on the product and packaging supplied with the applicable market version.

Do not dispose of this product with normal household waste. See the UK supplement pages for WEEE and recycling guidance.

UK Supplement: Responsible Business

These UK supplement pages are part of the HA30 English online manual. They add UK contact, safety, warranty and WEEE information while preserving the original operating pages and diagrams.

Item	UK supplement / HA30 information
Responsible business	Healthy Air Technology Ltd, Oxford University Begbroke Science Park, Begbroke, Oxford, OX5 1PF, United Kingdom
Power supply	12 V DC vehicle power socket, using the supplied 12 V power cable
Rated power	4.3 W
Filter	Primary pre-filter plus composite H13 HEPA + high-efficiency nano DNO catalyst filter
Size / weight	172 mm x 160 mm x 72 mm; 0.89 kg

Additional use notes

Use only the supplied 12 V cable and mounting strap. Do not use third-party, damaged, modified or unsuitable cables. Check the cable regularly and stop using the product if the cable, plug, unit or vehicle socket is damaged.

Do not operate, adjust, install, remove or reposition the unit while driving. Park safely before making any adjustment.

UK Supplement: Safety Clarifications

Vehicle installation

Do not place the unit on the dashboard or in any position where it may interfere with airbags, driver controls, pedals, gear selector, seat movement, seatbelts, visibility, passengers or safe exit from the vehicle.

Stop use immediately if

The unit, cable or socket is damaged; liquid enters the unit; the unit overheats, smokes, emits an unusual smell, makes abnormal noise, has been dropped, or the cover/filter cannot be fitted correctly. Disconnect the unit and contact your retailer or Healthy Air Technology Ltd.

Cleaning and children

Disconnect before cleaning or replacing the filter. Use a dry cloth, or a slightly damp cloth with mild soap for stubborn marks. Do not use alcohol, petrol, diesel, corrosive cleaners, solvents or excessive water. This product is not a toy; keep the unit, cable, packaging and small parts away from children.

Claims and technical records

Product performance and conformity evidence is held by Healthy Air Technology Ltd. Check the product label and packaging for the markings that apply to the version supplied.

UK Supplement: WEEE and Warranty

Waste electrical and electronic equipment

The crossed-out wheeled bin symbol means this electrical product must not be disposed of with unsorted household waste. Electrical and electronic equipment should be collected separately so materials can be reused or recycled safely.

At end of life, take the unit and power cable to a designated electrical recycling collection point or use the take-back service offered by your retailer or Healthy Air Technology Ltd where available. Used filters may be disposed of with normal household waste unless local rules require otherwise. Used filters are not washable or reusable.

Warranty

This product is covered by a 1-year warranty from the date of purchase. The warranty applies only to products used in accordance with this manual and for the intended purpose of portable vehicle air purification, including use with the supplied power cable and mounting strap.

This warranty does not affect your statutory rights.

Support

E-mail: admin@healthyairtech.co.uk

Website: www.healthyairtech.com