



HYUNDAI WACORTEC • MODEL HYAP-201

WACORTEC Air Purifier

Nine-stage filtration with HEPA, activated carbon and antibacterial protection, in one quiet, automatic unit.



ISO 9001:2015 and ISO 14001:2015 registered • CE marked • KOTRA Seal of Excellence

MARKETED IN SINGAPORE BY

HappyPenguin

Quantum Impact Pte Ltd

waterfilter.com.sg • Tel 6685 8532 • WhatsApp 9001 6441

Manufactured by WACO Corporation (Hyundai Wacortec), Korea • www.waco.co.kr



Key Features

1 Superior air cleaning with nine-stage filtration

A high-efficiency HEPA filter captures fine indoor dust, so you breathe cleaner air at home or at work.

2 Enhanced odour removal

A two-stage carbon urethane foam filter significantly improves the removal of a wide range of household odours.

3 Antibacterial protection

The prefilter is treated with an antibacterial agent. Across four antibacterial filtration stages, it helps stop common bacteria and mould from multiplying in captured dust.

4 Powerful, quiet sirocco fan

Our in-house designed sirocco fan delivers strong airflow at low noise, circulating more air through the room.

5 Automatic mode with real-time air-quality sensor

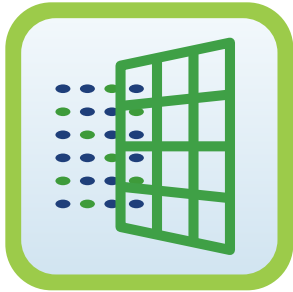
A built-in sensor monitors pollution levels continuously. In Auto mode, the purifier adjusts the fan speed for you.



Shown in white with Hyundai branding

Nine-Stage Purification System

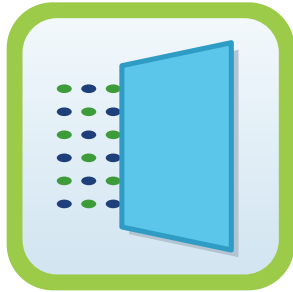
Stages 1–5: particle capture and primary odour removal



1

Prefilter

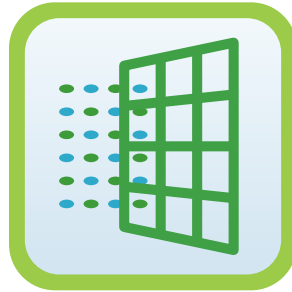
Antibacterial-treated mesh that traps large particles (approx. 50 μm) such as hair, bedding dust and pet hair.



2

Electrostatic Sheet

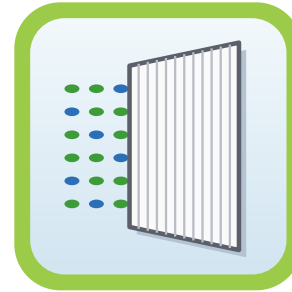
Antibacterial electrostatic layer that captures coarse dust, yellow dust, household dust and dust mites.



3

Antibacterial Medium Filter

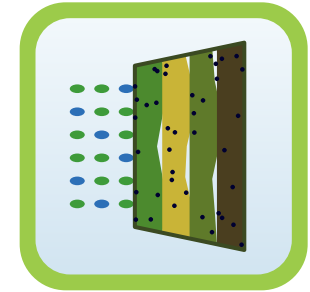
A second barrier against coarse dust, yellow dust and household dust.



4

Nano-Silver Composite HEPA Filter

Captures up to 99.97% of particles as small as 0.3 μm , including pollen, bacteria and smoke. Nano-silver adds antibacterial action.



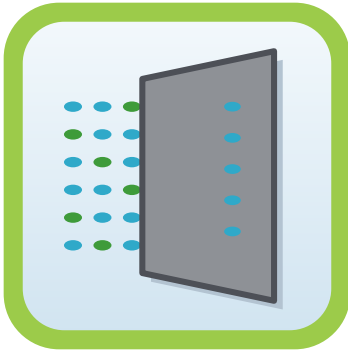
5

Carbon Urethane Foam Deodorising Filter (I)

First-stage odour removal for strong smells, such as cooking and grease odours.

Nine-Stage Purification System

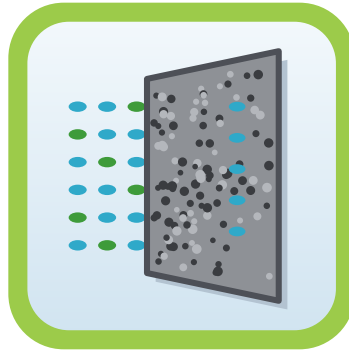
Stages 6–9: advanced odour removal and ionisation



6

Carbon Antibacterial Sheet

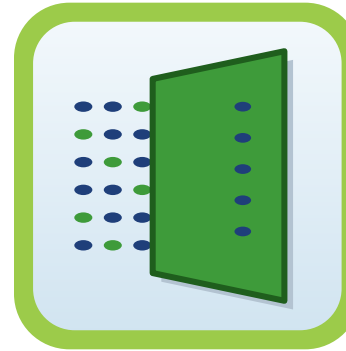
Further improves odour removal and antibacterial performance.



7

Granular Activated Carbon Filter

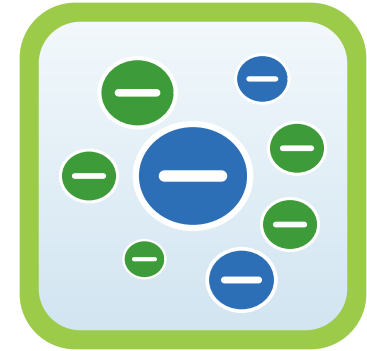
Activated carbon granules adsorb smoke and odour-causing substances.



8

Carbon Urethane Foam Deodorising Filter (II)

Second-stage odour removal for remaining light odours and formaldehyde.



9

Ion Generator

Releases negative ions into the room for a fresh, forest-like feel.

AIRFLOW PATH

Prefilter → Electrostatic sheet → Medium filter → HEPA → Foam carbon (I) → Carbon sheet → Granular carbon → Foam carbon (II) → Ionisation

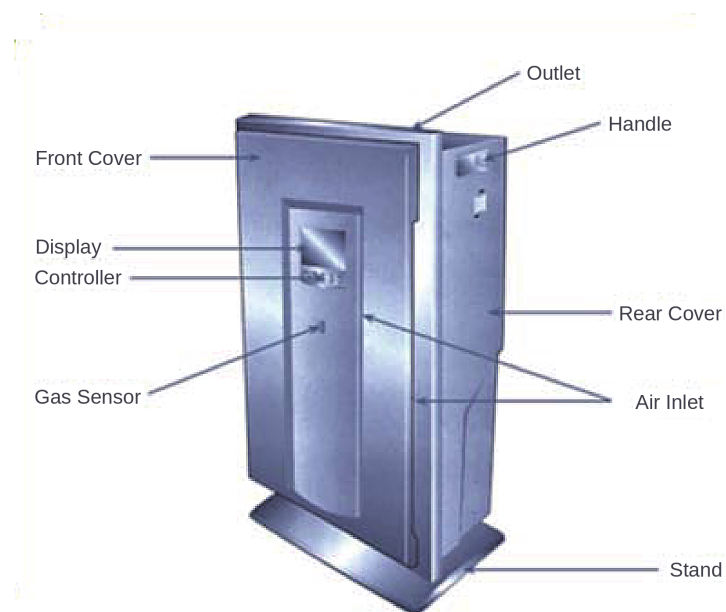
Specifications

Product	Hyundai Wacortec Air Purifier
Model	HYAP-201 (Red / White)
Power supply	AC 220 V, 50 Hz
Power consumption	30 W
Room coverage	Up to 70 m ² (753 sq ft)
Airflow rate	3.6 m ³ /min
Noise level	43.1 dB (maximum setting)
Speed settings	Auto, Sleep, Low, High, Turbo
Purification method	Hybrid (filtration + ionisation)
Weight	10 kg
Dimensions (W × D × H)	440 × 250 × 780 mm

Filter maintenance

Prefilter	Clean every 2–4 weeks
Electrostatic sheet	Replace every 12 months
Antibacterial medium filter	Replace every 12 months
Nano-silver composite HEPA filter	Replace every 12 months
Composite deodorising filter	Replace every 12 months
Ion generator	No replacement needed

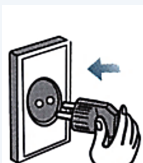
Replacement intervals vary with operating conditions.



Operating the Purifier

1 Getting started

Plug the power cord into a 220 V wall outlet. The unit beeps to confirm power. If it does not beep, contact the service centre.



2 Power

Press **Power** on the unit or remote control. The purifier starts in Auto mode, the air-quality indicator flashes for 2 seconds, and the ion generator switches on automatically.

3 Airflow

Press **Airflow** to cycle through the fan settings:
Auto → Sleep → Low → High → Turbo → Auto

4 Reservation (timer)

Press **Reservation** to set the running time:
Continuous → 1 h → 4 h → 10 h → Continuous

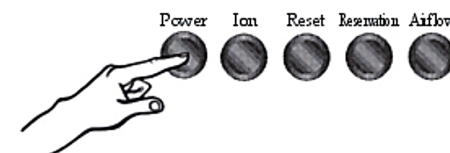
5 Ion

Press **Ion** to switch the ion generator on or off.

6 Reset

When the filter-replacement indicator flashes, replace the filters, then press and hold **Reset** for about 10 seconds.

All functions are available on the control panel. A remote control is optional.



Getting the Best Results

Everyday use

When cleaning

Select **High**. Dust and odours stirred up by cleaning are cleared quickly.

At night

Select **Sleep**. The purifier keeps the air fresh and runs quietly for a restful night.

Placement

General

Place the unit where air circulates freely.

Dust and pollen

Place the unit on the floor or a low table. These particles settle slowly, so a low position captures them best. For allergy relief, run the purifier all day.

Cigarette smoke

Place the unit low and close to the source so it draws smoke in as it rises.

Wall-plate installation

Clearance

Mount the wall plate with equal clearance on the left and right and below the ceiling. Do not place the unit flush against a wall, as the wall or ceiling may become stained.

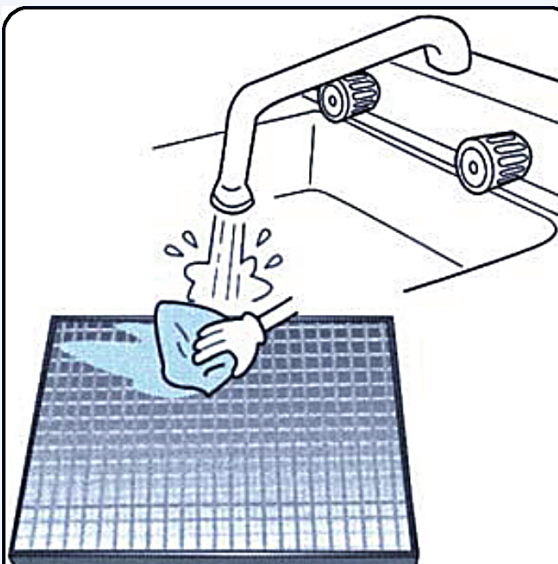
Secure fixing

Tighten the wall-plate fixing screws firmly to prevent the unit from falling.

Handling

Hold the front cover securely when opening it or changing filters. Always unplug by the plug, never by pulling the cord.

Cleaning the Purifier



Prefilter

Remove dust from the front of the prefilter with a vacuum cleaner or a soft brush.

Tip: If it is heavily soiled, wash it in clean water and let it dry completely before refitting.



Exterior

Wipe the housing with a soft, dry cloth.

Tip: For stubborn marks, use a slightly damp cloth.

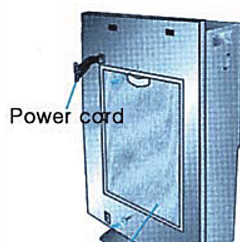
Cleaning and Replacing the Filters

WARNING: Always unplug the purifier before cleaning or replacing any filter.



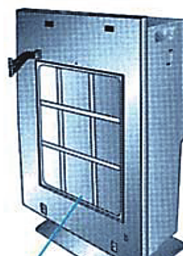
1

Pull the front cover forward to remove it. The safety switch stops the unit.



2

Unplug the unit, remove the prefilter and clean the inside of the unit.



3

Replace the electrostatic sheet and the antibacterial medium filter.



4

Replace the nano-silver composite HEPA filter.



5

Replace the composite deodorising filter.

After servicing: refit every filter in its correct position and close the front cover firmly. The unit beeps when the cover is closed correctly. Replacing filters on schedule keeps the air clean and fresh.

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For product enquiries, pricing and replacement filters for the
WACORTEC Air Purifier, contact us:

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Simple. Reliable. Proven.



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