

velta

AIRLAB P80S

AIR PURIFIER

Engineered for the air you don't see.

• USER MANUAL •





INTRODUCTION

Congratulations on taking a meaningful step towards a cleaner, healthier home environment with your Velta AirLab P80S.

The air inside our homes carries more than we realise – fine particles, allergens, and airborne contaminants that build up quietly in the spaces we live and rest in every day.

The AirLab P80S is designed to do more than just filter air. It senses, adapts, and maintains a consistent standard of air quality in the background – so your home simply feels better to be in, every day.

Please read this manual fully before first use.

For support: hello@velta.my · velta.my



3

Engineered for the air you don't see.

WHAT'S IN THE BOX

Item	Qty
AirLab P80S Air Purifier	1
Pre-Filter (pre-installed)	1
CoreCharge™ Filter (pre-installed)	1
Power Cable	1
User Manual	1

Inspect all items before use.

Contact us if anything is missing or damaged.

KEY FEATURES

WASHABLE TWO-STAGE FILTRATION

Pre-Filter + CoreCharge™ Electrostatic Filter. Both washable. No replacement cost under normal use.

UV-C HYGIENE MODULE

Internal component. Operates within the unit's airpath to reduce microbial build-up over time.

AUTO MODE

Real-time PM2.5 and VOC sensing with automatic fan speed response.

SLEEP MODE

Minimum fan speed. Dimmed display. Designed for overnight bedroom use.

6 FAN SPEEDS INCLUDING TURBO

Speed 1 (quietest) through Speed 5, plus Turbo for maximum performance.

APP CONTROL

Full remote management via the Velta app. App Store and Google Play. Requires 2.4GHz Wi-Fi.

TIMER

Auto shut-off at 1 / 2 / 4 / 6 / 8 / 12 hours.

AIR QUALITY DISPLAY

Real-time PM2.5 reading with 4-level colour indicator for both PM2.5 and VOC.

PLACEMENT

- Flat, stable surface with minimum 30 cm clearance on all sides and above
 - Keep air inlet and outlet unobstructed at all times
- Suitable for: bedroom, living room, study, nursery, home office
 - Not for outdoor use or wet areas
 - Operating temperature: 0°C - 40°C
- Do not use near open flames, incense, or chemical fumes
 - Do not use while spraying insecticides



FIRST-TIME SETUP

Both filters come pre-installed. Before first use:

1

Remove all external and internal packaging materials

2

Ensure the unit is unplugged

3

Open the front filter panel – grip both sides and pull gently outward

4

Confirm both filters are seated correctly and sitting flush

5

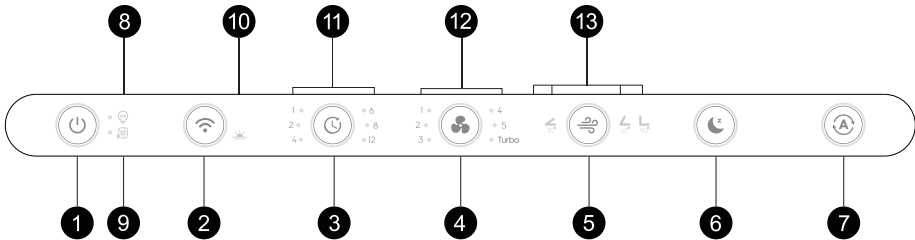
Close the panel until it clicks into place

6

Connect to power and press Power to start

Do not operate without filters installed.

CONTROL PANEL GUIDE



BUTTONS

1. Power

Press to turn the device on or off.
Press and hold for 2 seconds to reset the filter after cleaning.

2. Wi-Fi

Press to toggle the tVOC indicator light.
Press and hold for 3 seconds to enter Wi-Fi pairing mode.

3. Timer

Press to set auto shut-off:
1 / 2 / 4 / 6 / 8 / 12 hours
Press and hold for 3 seconds to activate UV mode.

4. Fan Speed

Press to cycle through speeds:
1 → 2 → 3 → 4 → 5 → Turbo

5. Air Outlet Angle

Adjust airflow direction:
30° / 60° / 90°

6. Sleep (Comfort Mode)

Runs at low speed with reduced noise and dimmed lights.

7. Auto Mode

Automatically adjusts fan speed based on air quality.

INDICATORS

8. UV Indicator

Lights up when UV mode is active.

9. Filter Cleaning Indicator

Lights up when the filter requires cleaning.

10. Air Quality Indicator (tVOC / Particles)

Shows real-time air quality status.

11. Timer Indicator

Displays the selected timer setting.

12. Fan Speed Indicator

Shows the current fan speed level.

13. Air Outlet Angle Indicator

Displays the selected airflow direction.

AIR QUALITY DISPLAY

Blue	●	Excellent
Green	●	Good
Yellow	●	Moderate
Red	●	Poor

Two indicators operate independently – PM2.5 and TVOC. Both displayed on the front panel simultaneously. On first power-on or after a period of non-use, readings may briefly appear elevated while sensors warm up. This stabilises within 10–15 minutes and is not a fault.



WI-FI & APP SETUP

1. Download the Velta app – App Store or Google Play
2. Register with your email or phone number
3. Connect your phone to a 2.4GHz Wi-Fi network
4. On the unit, long press Wi-Fi for 3+ seconds until the indicator flashes rapidly
5. In the app, tap Add Device and follow the prompts
6. When the Wi-Fi indicator glows steadily, setup is complete

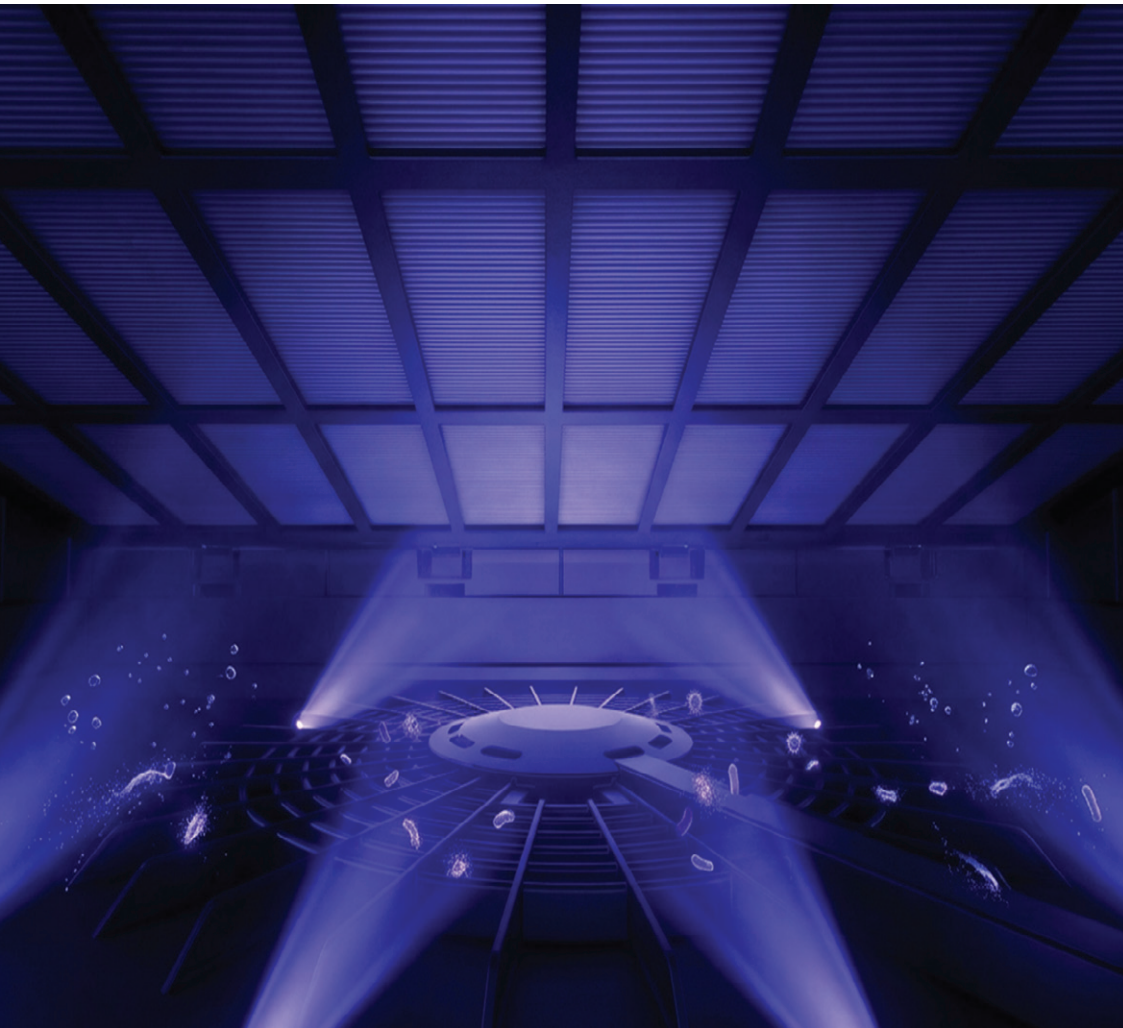
If connection fails: Confirm your phone is on 2.4GHz – not 5GHz. Move the unit closer to the router during setup. Long press Wi-Fi again to restart pairing mode if the indicator stops flashing.

UV-C MODULE

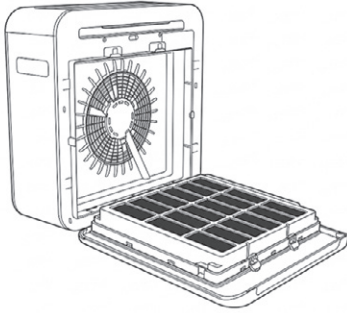
The UV-C module is positioned within the AirLab P80S's internal airpath.

It reduces microbial build-up on internal surfaces and components over time, supporting consistent long-term unit performance.

The module is fully enclosed. No UV-C exposure to the user during normal operation. Do not attempt to access or service it. Any servicing must be performed by a Velta-authorized technician.



MAINTENANCE



Always power off and unplug before any cleaning or filter handling.

PRE-FILTER

Frequency: Every 2 weeks, or more often in high-dust environments or homes with pets.

1. Unplug the unit
2. Open the front panel and remove the pre-filter
3. Rinse under cool running water
4. If heavily soiled, use mild soap — rinse thoroughly
5. Air dry completely on a flat surface
6. Reinstall only when fully dry

CORECHARGE™ FILTER

Frequency: Every 1–3 months depending on usage.

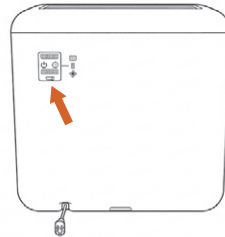
1. Remove from the unit
2. Rinse under cool running water
3. Allow to dry completely before reinstalling

Neither filter needs replacing under normal use. Both are designed to be washed and reused indefinitely.



EXTERIOR

Wipe with a soft, lightly damp cloth. Do not use alcohol, bleach, or abrasive materials.



SENSOR COVERS

Located on the side of the unit. Wipe gently with a dry cloth every 4–6 weeks to prevent dust from affecting reading accuracy.

SAFETY PRECAUTIONS

- Do not use in areas with oil fumes, incense smoke, open flames, or chemical odours
- Do not use while spraying insecticides
- Do not place in bathrooms or areas exposed to water
- Do not block the air inlet or outlet
- Do not attempt to open the unit casing or access internal components
- Keep out of reach of children
- The unit contains a UV-C component — do not attempt to access or replace it yourself
- Unplug before cleaning or during extended periods of non-use

TROUBLESHOOTING

Unit does not power on	Check plug and outlet
Fan does not run after power on	Press Sleep button to exit Sleep Mode
Reduced airflow	Clean both filters; dry fully before reinstalling
Rattling noise	Reseat filters; reposition unit on flat surface
Sensor readings remain elevated	Clean sensor cover; allow 15 mins after power on
Wi-Fi will not connect	Switch phone to 2.4GHz; long press Wi-Fi again
App shows device offline	Check router; re-enter pairing mode
Display off but fan running	Press Display button to restore

For anything not resolved above, contact us before opening the unit.

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TECHNICAL SPECIFICATIONS

Brand	Velta
Model	P80S
Voltage/Frequency	230~240V / 50Hz
Power	12-55W
Smoke CADR	441 m ³ /h
Purification & Filtration	SGS Verified
Coverage	Up to 62 m ²
Filtration	Pre-filter (washable) + CoreCharge™ Filter (washable)
UV Module	Internal UV-C hygiene module, sealed
Sensors	PM2.5 + VOC, real-time
Modes	Auto / Manual / Sleep / Timer
Fan Speeds	6 levels — Speed 1 to Speed 5, plus Turbo
Connectivity	Wi-Fi 2.4GHz
App	Velta — App Store & Google Play
Dimensions	480 × 480 × 180 mm
Operating Temperature	0°C – 40°C

WARRANTY & SUPPORT

24-month warranty from date of purchase. Covers manufacturing defects under normal domestic use. Does not cover physical damage, modification, or failure to follow maintenance requirements in this manual.

Register: velta.my/warranty – within 30 days of purchase.

CUSTOMER CARE

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Because Your Body Knows the Difference.



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