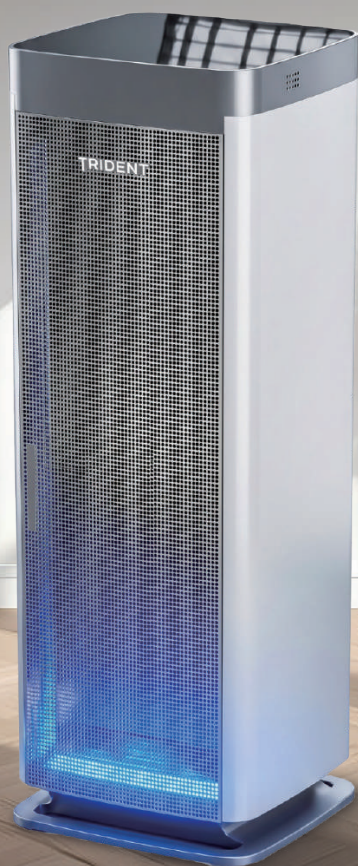


 TRIDENTAIR

USER MANUAL

airdome 70 pro



READ AND SAVE THESE INSTRUCTIONS

Welcome to your new

Trident AirDome™ 70 Pro Purifier — a state-of-the-art air p

It is armed with Trident AirDome™ Technology, developed in collaboration with the Agency for Science, Technology and Research (A*STAR) Singapore to ensure your environment remains clean, purified and healthy.

A proprietary process that replicates the germicidal properties of natural air, maintaining a balanced composition of bipolar ions for a revitalised environment.

Destroys viruses in less than 15 minutes, well before they can infect you. It's 3x faster than the next best option in the market.

Washable Air CAGE™ filters ensure trapped mould, mites, or dust do not recirculate in the air, ensuring 24/7 total air purity.

This manual provides comprehensive instructions for the setup, use, and care of your air purifier. Please read through these instructions carefully to maximise the effectiveness of your AirDome™ Purifier.

urification system.





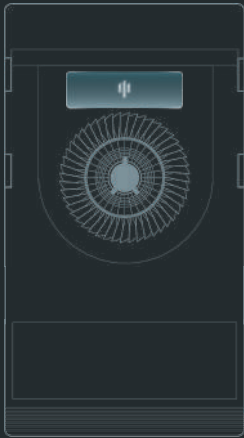
AirDomeTM Technology

Active Air Circulation
and Extermination of Pathogens

Get Total Indoor Air Sanitisation, Purification and Protection.

Backed by the most rigorous scientific research and development, and tested to exacting standards. Technology fit for mission critical institutions, now made for your home.

Greater than sum of its parts



Trident Air Activator™



Trident Air Circulator™



Trident Air CAGE™ Filters

Trident takes the sum of all three key technologies and amplifies their power. It generates a full-environmental shield—an **invisible air dome**—in any indoor space it's deployed in. It is technology so advanced it blankets any surface in baby- and food-safe ions that destroy germs upon contact.

There's nothing quite like it.

Please read this user manual to operate this product properly and safely.

TECHNICAL SPECIFICATIONS

Rated Voltage	220V
Rated Frequency	50Hz
Rated Power	30W
Smoke CADR	Up to 380m3/h
Formaldehyde CADR	Up to 60m3/h
Coverage Area	Up to 70sqm

INSTALLATION & SETUP

Item Description	Quantity
Trident AirDome™ 70 Pro	1PC
Trident Washable Dust Filter	1PC
Trident AirCAGE™ Filter	1PC
Trident Advanced Catalytic Filter (DO NOT WASH with Water)	1PC
Trident AirActivator™ (Built-in)	1PC

Unpacking:

Verify all items listed on the packing list are included. Position the purifier near a power source, ensuring the air inlet and outlet are free from obstructions.

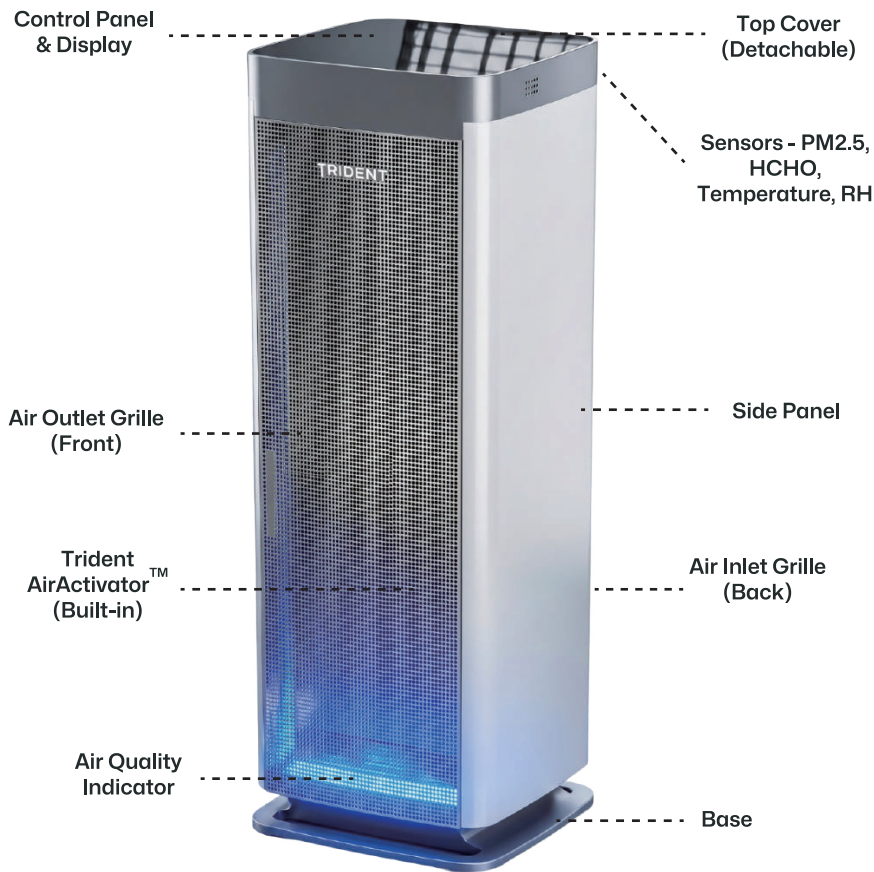
Power Connection:

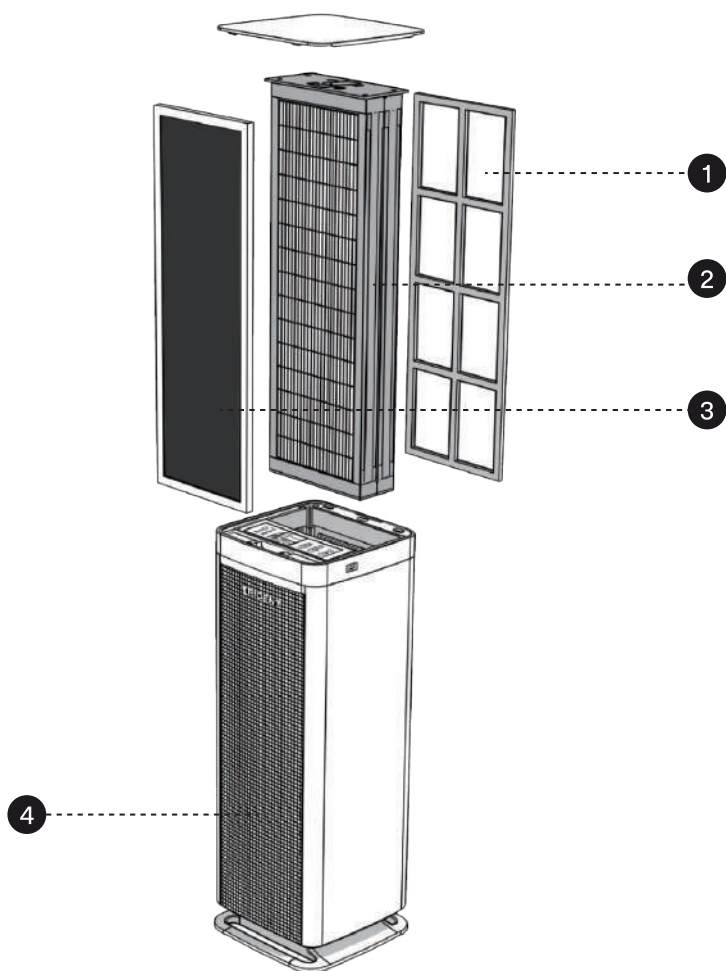
Connect the device to an electrical outlet that matches the specifications listed under Technical Specifications.

Your AirDome™ Purifier uses advanced AirDome™ Technology: equipped with proprietary Air Activator™, Air Circulator™ and Air CAGE™ filters that work in synergy to revitalise indoor air.

Learn more online at www.tridentair.com/airdome

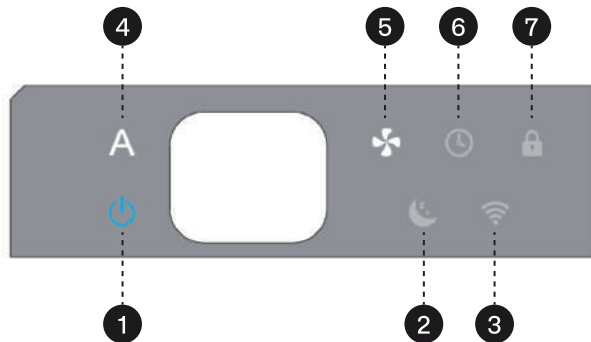
AIRDOME™ 70-PRO PARTS DESCRIPTION



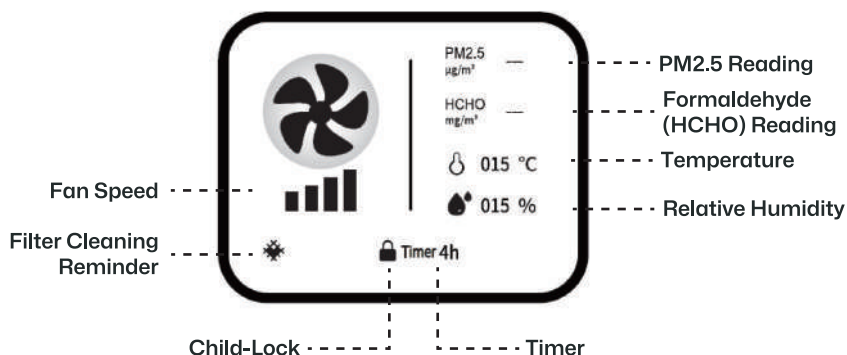


- ① Stage 1: Trident Dust Filter
- ② Stage 2: Trident AirCAGE™ Filter (2nd Generation)
- ③ Stage 3: Trident Advanced Catalytic Filter
- ④ AirActivator™ (Built-In)

OPERATING INSTRUCTIONS



- 1. Power On/Off:** To prolong the lifespan of the AirDome 70 Pro and its filters, the unit automatically shuts down after 24 hours of continuous operation. Users can use the app to schedule automatic on/off cycles with a recommended 10-minute restart interval, or remotely restart the system at any time.
- 2. Activate Night Mode:** Reduces fan speed to lowest and is whisper quiet when pressed. Turns off Display, Control Panel, and Air Quality Indicator lights at the same time. Press again to exit night mode.
- 3. Activate WIFI Connection:** Press and hold for 3 seconds to enable WIFI configuration mode, and phone app will be able to search for device (AirDome 70 Pro) to add. Download "TridentAir", or "SmartLife" apps from iOS App Store or Google Play Store.
- 4. Activate Auto Smart Mode:** AirDome 70 Pro adjusts purifier settings automatically based on the air quality detected by the built-in sensors.
- 5. Fan Speed Adjustment:** Adjust the speed of AirCirculator™ from 1 (low) through 4 (high).
- 6. Timer Settings:** Use the timer button to set operational durations (1 to 12 hours). When timer ends, the unit enters standby mode. Child Lock (if activated) will deactivate when timer ends.
- 7. Activate Child Lock:** Press to enable Child Lock. Press again to disable.
- 8. To Reset Filter Cleaning Reminder:** Press and hold both Fan Speed and Night Mode at the same time for 3 seconds.
- 9. To Turn Off Lighting Manually:** Press both Fan Speed and Timer at the same time. Press again to turn on lighting.



WI-FI CONNECTION

DOWNLOAD APP AND REGISTRATION

1. To download the "Smart Life" app, scan the QR code below. Alternatively, you may also search for "Smart Life" or "TridentAir" app in the Google Play or iOS App Store.



2. Launch the App and select "Register" to create an account using your phone number or email address to log in.
3. Press and hold WIFI button to activate the WiFi connection on AirDome 70 Pro.
4. Do ensure that your phone's WiFi is connected to 2.4GHz, instead of 5.0GHz, prior to "add device".
5. On the app, click "add device" or press "+" in the top right corner of the homepage. There are two ways to access the "add device" page: manually adding WiFi or automatically search for devices.

When adding a device manually, select any product from the product ring to enter a new homepage and make sure the indicator light flashes quickly.

SAFETY PRECAUTIONS

ABOUT POWER

1. Only make use of three-pin sockets that adhere to the nameplate's standard voltage.
2. If the power cord, plug, or power socket is damaged, do not use this product.
3. You must hold the plug when unplugging the electricity rather than pulling the cord to prevent electric shock or fire from a short circuit.
4. The manufacturer or trained maintenance employees must replace the power adaptor if it is damaged.

WHEN IN USE

1. Never operate the machine without filters in place.
2. Avoid sticking your fingers or other objects inside the air intake or outlet.
3. Avoid obstructing the air intake or outlet.
4. Avoid touching or putting anything near a heat source (such as heating stove and other places that may be exposed to flammable gas).
5. You should disconnect the power adaptor from the wall socket right away if there is any smoke, stench, or other malfunctions.

SERVICE RESTRICTIONS

1. To prevent electric shock, fire, and other harm, never use equipment in a space filled with flammable gases such as hydrogen, natural gas, propane, etc.
2. To prevent electric shock, fire, or other damage, do not use it in unstable locations such as easy-dumping, hot, humid, or wet locations such as bathrooms.

ABOUT MOVING

1. When moving the machine, ensure that it is unplugged.
2. To prevent the machine from falling and injuring people, grab the handle on the side of the machine while moving; do not hold the front panel.

NOTICE FOR CLEANING

1. Do NOT wash the black Catalytic Filter with water.
2. Use caution when cleaning the equipment because harsh detergents that are corrosive will scratch the surface.
3. Always use soft cloths to wipe machine surfaces; otherwise, they risk being fractured or damaged.
4. Avoid using alcohol or other organic solvents to clean the device because doing so could harm it or result in electric shock, fire, etc.
5. Please unplug the machine from the electrical outlet while cleaning or not using the machine, as doing so could result in an electric shock or a fire from a short circuit.

CLEANING & MAINTENANCE

AIR INLET & OUTLET GRILLES

1. Use a slightly damp cloth to clean the grilles.
2. Avoid using any abrasives or cleaning pads on any sections of the equipment and, if necessary, vacuum cleaner to remove unreachable deposits.



Trident Dust Pre-Filter
(Washable)



Trident AirCAGE™ Filter
(Washable)



Trident Catalytic Filter
(Non-Washable)

Recommended to clean every 3-4 months when used in household environment. For very dusty or sensitive areas, we would recommend every 1-2 months.

Trident Dust Pre-Filter

1. Use a vacuum cleaner or gentle brush to get rid of any dust or fluff.
2. Apply mild detergent and rinse with water.
3. Air-dry or use hair dryer to dry the filters.

Trident Dust Pre-Filter

1. Spray mild detergent onto the plates and leave it for 10 minutes.
2. Alternately, immerse it into water with mild detergent and let it soak for 5-10 minutes.
3. Then use a shower head to spray clean.
4. Let the sun dry the filter or use a hair dryer to blow off remaining water.

Trident AirCAGE™ Filter (new 2nd Generation)

1. Spray mild detergent onto the plates and leave it for 10 minutes.
2. Alternately, immerse it into water with mild detergent and let it soak for 5-10 minutes.
3. Then use a shower head to spray clean.
4. Air dry the filter or use a hair dryer to blow off remaining water.

Trident Advanced Catalytic Filter

1. To get rid of dust and fluff, use a vacuum cleaner or soft brush to brush off dust.
2. DO NOT wash with water.

AIR QUALITY COLOUR DISPLAY

Air Quality Indicator light changes according to the PM2.5 and HCHO readings in the environment.

EXCELLENT

GOOD

MODERATE

POOR

TROUBLESHOOTING

1. Device Not Powering On: Check the power connection and ensure the filter cover is properly secured.
2. Reduced Purification Performance: Inspect for any obstructions and verify that filters are clean and correctly installed.
3. Unusual Noise: Ensure nothing has fallen inside the device and that it is placed on a stable surface.
4. Touch panel not responding; fan does not operate; other anomalies: Power off and wait for 10 seconds before powering on again. If issues persist, please contact us.

REPAIR ADVICE

1. Only Plasma Science technicians who have undergone the required training are able to fix the air purifier.
2. Please inform Plasma Science Pte Ltd when the air purifier is malfunctioning and do not attempt to fix it. Unplug the wire and switch off the power and leave the rest to our technicians.

STATEMENT OF ENVIRONMENT IMPACT

1. All the packaging materials are recyclable and environmentally friendly. To preserve a healthy environment, kindly dispose of these packaging materials in an eco-friendly manner.
2. Please keep packaging materials away from children as playing with plastic films and cartons can result in a room-breathing mishap.
3. Please help safeguard the environment by recycling or disposing of waste properly.

CUSTOMER SERVICE AND WARRANTY INFORMATION



Warranty:

Enjoy a two-year standard warranty, with specific terms for on-site service during the first 30 days followed by carry-in service.

Contact Details:

For assistance, email or call

- support@tridentair.com
- +65 9457 3681

This manual aims to provide detailed yet clear instructions for the setup and maintenance of your Trident AirDome™ 70 Pro Purifier, leveraging advanced AirDome™ technology for superior air quality.

For additional support, refer to the customer service section or visit the Trident Air website at **www.tridentair.com/support**



© 2026 Plasma Science Pte. Ltd. Information correct at time of print.
Please refer to our website for the latest updates and instruction manual editions.

For technical support or other enquiries, please email: support@tridentair.com,
or call: +65 9457 3681

Address: 7 Yishun Industrial Street 1 #03-49 North Spring Bizhub, Singapore 768162

All Rights Reserved.