

# airdome 70





Committed to enhancing air quality in today's uncertain times, Trident Air's product range stands as a significant advancement in creating a healthier, safer world.

Breathe Like It's the Outdoors, at Home.

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Welcome to your new

# Trident AirDome™ 70 Purifier — a state-of-the-art air purification system.

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.







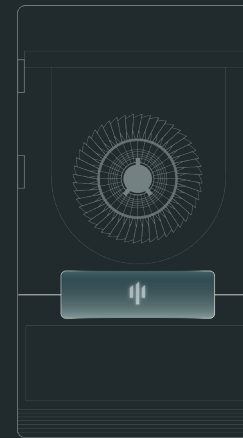
# AirDome™ Technology

Active Air Circulation  
and Extermination of Pathogens

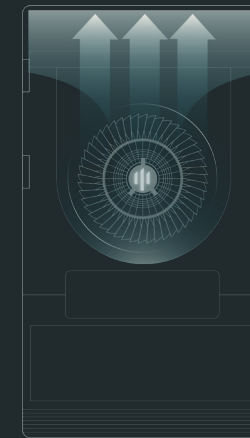
Get Total Indoor Air Sanitisation, Purification and Protection.

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.

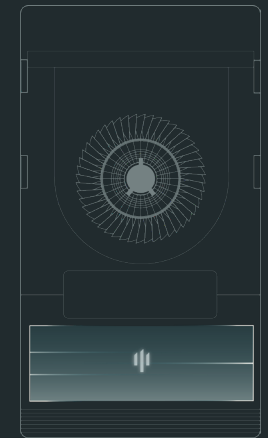
## Greater than sum of its parts



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.

# INSTALLATION AND SETUP

Trident AirDome™ 70	1 pc
Trident Washable Dust Filter	2 pcs
Trident Washable Air CAGE™ Filter	2 pcs
Trident Carbon Ozone Filter (DO NOT WASH with water)	2 pcs
Trident Washable Air CAGE™ 360 Filter	1 pc
Trident Air Activator™	1 pc

### 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.

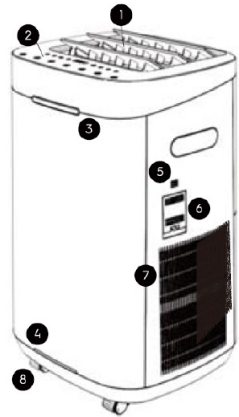
### Power Connection:

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

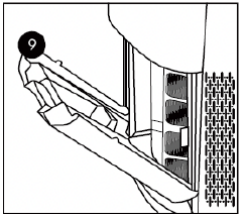
Your AirDome™ Purifier uses advanced AirDome™ Technology: equipped with proprietary Air Activator™, Air Circulator™ and Air CAGE™ filters that work in synergy to revitalise indoor air.

Learn more online at [www.tridentair.com/airdome](http://www.tridentair.com/airdome)

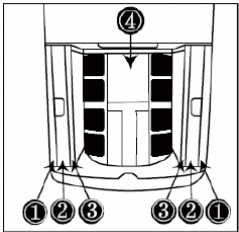
# PRODUCT & ACCESSORIES



1	Air Outlet Louvers
2	Control Panel
3	PM2.5 Indicator
4	VOC Indicator
5	VOC Sensor Cover
6	PM2.5 Sensor Cover
7	Air Inlet
8	Wheels



9	Filter Cover (back)
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1	Washable Dust Filter
2	Washable Air CAGE™ Filter
3	Carbon Ozone Filter
4	Washable Air CAGE™ 360 Filter
5	Air Activator™ is located behind Air CAGE™ 360 Filter

# OPERATING INSTRUCTIONS

1

**Power On/Off:** Activate the device using the power button, which lights up red when the device is on.

2

**Timer and Filter Reset:** Use the timer button to set operational durations (2, 4, 6, 8, 12 hours). Press and hold for three seconds to reset the filter wash reminder.

3

**Louver Adjustment:** Modify the angle of the louvers (30, 60, 90 degrees) with the respective button. Long press this button to configure Wi-Fi settings.

4

**Lights & Display Toggle:** Press the button to toggle the sensor and control panel lights on or off.

5

**Fan Speed Adjustment:** Adjust the fan speed by pressing the Air Circulator™ button to cycle through settings (1-3), visible on the control panel.

6

**Activate Sleep Mode:** Engages a quieter operation by reducing fan speed and turning off lights.

7

**Activate Auto Mode:** Adjusts the purifier settings automatically based on the air quality detected by the sensors.

8

LIGHTS ON/OFF DISPLAY

9

FILTER WASH REMINDER DISPLAY

10

TIMER DISPLAY

11

FAN LOUVER ANGLE DISPLAY

12

FAN SPEED DISPLAY

13

WIFI DISPLAY

14

SLEEP MODE DISPLAY

15

AUTO MODE DISPLAY

# WI-FI CONNECTION

1. Download the “Smart Life” app via the QR Code, or search for the “Smart Life” app on the App Store or Google Play Store.



2. Launch the App and select “Register” to create an account with “Smart Life” using your phone number or email address to log in.

3. Press and hold on the Fan Louver Angle button to activate the WiFi on AirDome™ 70.

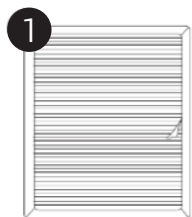
4. Do ensure that your phone’s WiFi is connected to 2.4GHz, instead of 5.0GHz, prior to “add device”.

5. On the app, click “add device” or press “+” in the top right corner of the homepage.

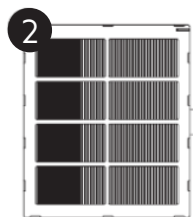
6. There are two ways to access the “add device” page: manually adding WiFi or automatically search for devices.
- a. When adding a device manually, select any product from the product ring to enter a new homepage and make sure the indicator light flashes quickly.

b. Ensure that both your phone and smart gadget are powered on and linked to your WiFi. If the WiFi indicator on AirDome™ 70 does not flash, please press and hold the button again for at least 3 seconds until the indicator light begins to flash rapidly, indicating AirDome™ 70 is ready for configuration.

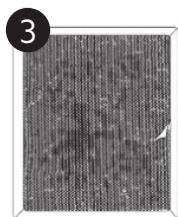
## MAINTENANCE AND CLEANING



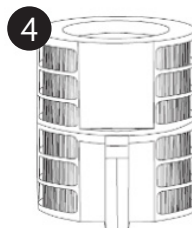
Washable Dust Filter



Washable Air CAGE™ Filter



Carbon Ozone Filter



Washable Air CAGE™  
360 Filter



Air Activator™

### General Maintenance:

Regularly check and clean the air inlet and outlet for clear airflow using a soft brush or a slightly damp cloth.

### Device Cleaning:

Clean the exterior and control panel with a soft, damp cloth. Avoid using abrasive cleaners or harsh chemicals.

### Filter Cleaning Guidance:

Except for the Air Carbon Ozone Filter, all pre-filters and Air CAGE™ filters are washable with water.

### 1 Washable Dust Filter

### 2 + 4 Air CAGE™ Washable Filters:

These filters are washable with water. Clean as necessary based on air quality and usage, using mild detergent and water. Ensure they are fully dry before reinstalling.

- Rinse all Air CAGE™ filters under cool water.
- Use caution when cleaning the equipment because harsh detergents that are corrosive will scratch the surface.
- Always use soft cloths to gently wipe machine surfaces.
- Avoid using alcohol or other organic solvents to clean the device because doing so could cause machine damage, electric shocks, fire, etc.
- Please unplug the machine from the electrical outlet while cleaning or when machine is unused, as doing so could result in an electric shock or a fire from a short circuit.
- Reassemble once all parts are dry.

### 3 Carbon Ozone Filter:

#### Important: DO NOT WASH WITH WATER.

- Use a vacuum cleaner or soft brush to remove dust and debris.

### 5 Air Activator™

Emits and automatically regulates advanced bipolar ions. Advanced air purification and sanitation technology developed in collaboration with A\*STAR.

For more detailed cleaning instructions, please visit our website [www.tridentair.com/support](http://www.tridentair.com/support)

## TROUBLESHOOTING

- **Device Not Powering On:** Check the power connection and ensure the filter cover is properly secured.
- **Reduced Purification Performance:** Inspect for any obstructions and verify that filters are clean and correctly installed.
- **Unusual Noise:** Ensure nothing has fallen inside the device and that it is placed on a stable surface.
- **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.

## AIR QUALITY COLOUR DISPLAY

The current PM2.5 value will simultaneously be displayed in the display window on the control panel.

According to the current readings on PM2.5 condition, the **PM2.5 indicator light** above the front panel changes colour:



According to the present state of gaseous pollutants, the **VOC (Volatile Organic Compound) indicator light** beneath the machine's front panel changes color:



## TECHNICAL SPECIFICATIONS

Voltage	220V
Frequency	50Hz
Power	60W
Smoke CADR	400 m³/h
Coverage	Up to 70sqm

## 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](mailto: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 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](http://www.tridentair.com/support)







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Please refer to our website for latest updates and instruction manual editions.

For technical support or other enquiries,  
please email: [support@tridentair.com](mailto:support@tridentair.com), call: +65 9457 3681

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

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