AstroPure™ 550C

AIR PURIFIER

Product Overview

- **H14 True HEPA Filter**
  Effectively removes up to 99.995% of ultra fine particles

- **Wi-Fi Smart Control**
  Control your unit anywhere and anytime through our AAF Connect mobile app

- **UV-C Light**
  Ultraviolet light feature to provide additional protection against airborne infection

- **PM & TVOC Display**
  Visualise your current indoor air quality (IAQ) through real-time monitoring

More Features

- 360° Cylindrical 3-in-1 filter (Prefilter, H14 HEPA, Carbon)

- Aerodynamic Design (3 inlets & 3 outlets)

- Disinfects and diminishes bad smells in the room

- Touch Panel OLED Display

- Easy to operate and Maintenance

- Mobility - 4 x Caster Wheels

Powerful Purifying Performance

AstroPure™ 550C provides safer and cleaner air, as the system is designed to operate with 4 stages of air filtration that is effective in purifying the polluted air, such as pollen, haze, fine dust harmful gases & odours, and even the health threatening microorganisms. It detects, filters and gets rid of PM1 around you in real-time.

Remote Air Purification

Remotely control and monitor the air quality in your home, offices or any rooms with AstroPure™ 550C using your mobile devices anywhere and anytime. You can even turn ON the unit using your mobile app to ensure the indoor air is clean before entering the room.

Intelligent Sensor

Equipped with the advance sensors to monitor the indoor air quality accurately and to ensure that the air you breathe is safe and clean. User friendly, just switch it ON and it will automatically adjust its fan speed accordingly to the indoor air quality by the sensors.
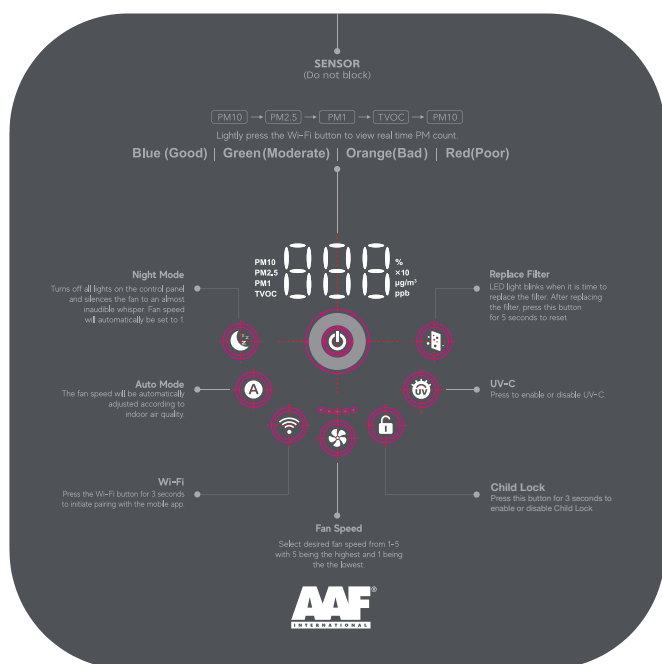
Cylindrical 3-in-1 Filter

Cylindrical filter designed to trap and remove airborne pollutants. It has a prefilter that collects dust, dirt, hair, and pet dander, an advanced high efficiency grade H14 HEPA filter that provides the highest fine particle efficiency up to 99.995%, incorporating with an activated carbon filter leaving the occupants with lower chance to expose with the formaldehyde, odours, and smoke.

AAF ®
INTERNATIONAL

Bringing clean air to life.®

AstroPure™ 550C

SENSOR
(Do not block)

PM10 → PM2.5 → PM1 → TVOC → PM10
Lightly press the Wi-Fi button to view real time PM count.
Blue (Good) | Green(Moderate) | Orange(Bad) | Red(Poor)

PM10
PM2.5
PM1
TVOC

%
×10
µg/m³
ppb

Night Mode
Turns off all lights on the control panel and silences the fan to an almost inaudible whisper. Fan speed will automatically be set to 1.

Replace Filter
LED light blinks when it is time to replace the filter. After replacing the filter, press this button for 5 seconds to reset.

Auto Mode
The fan speed will be automatically adjusted according to indoor air quality.

UV-C
Press to enable or disable UV-C.

Wi-Fi
Press the Wi-Fi button for 3 seconds to initiate pairing with the mobile app.

Child Lock
Press this button for 3 seconds to enable or disable Child Lock

Fan Speed
Select desired fan speed from 1-5 with 5 being the highest and 1 being the the lowest.

Air Quality Indicator (Multicolor Ring)

Blue (Good)
PM2.5 : < 16 µg/m³
TVOC : < 56 ppb

Green (Moderate)
PM2.5 : 16 - 65 µg/m³
TVOC : 56 - 222 ppb

Orange (Bad)
PM2.5 : 66 - 150 µg/m³
TVOC : 223 - 667 ppb

Red (Poor)
PM2.5 : > 150 µg/m³
TVOC : > 667 ppb

* PM2.5 value reference to EPA guidelines.
** TVOC value reference to WHO guidelines.

Center Indicator Ring

The display brightness can vary with ambient light.
Press the Wi-Fi button to switch the display contents:
PM10 -> PM2.5 -> PM1.0 -> TVOC. When switching to the corresponding display value, air quality is judged according to the corresponding sensor value.

Touch Panel with LED Display

Night Mode
Turns off all lights on the control panel and silences the fan to an almost inaudible whisper. Fan speed will automatically be set to 1.

Smart Sleep
The unit will automatically enter Night Mode when there is low ambient light for 20 seconds. In turn, the unit will also automatically exit Night Mode when ambient light brightens up for more than 20 seconds.

Auto Mode
Unit determines the best environment needs and adjusts the settings accordingly.

Wi-Fi
Use this icon in 2 ways:

To pair with your Mobile phone.

Press the Wi-Fi button for 3 seconds to initiate the pairing. When the Wi-Fi icon is blinking, indicate that the unit has not yet been paired successfully.

To check real-time air quality reading
- PM 10 - Press once
- PM 2.5 - Press twice
- PM 1   - Press thrice
- TVOC   - Press 4 times

Fan Speed
Select desired fan speed from 1-5 with 5 being the highest and 1 being the lowest.

Child Lock
Press this button for 3 seconds to enable or disable Child Lock.

UV-C
Press to enable or disable the UV-C.

Replace Filter
Filter change indicator. LED light blinks when it is time to replace the filter. After replacing the filter, press and hold the button for 5 seconds to reset.

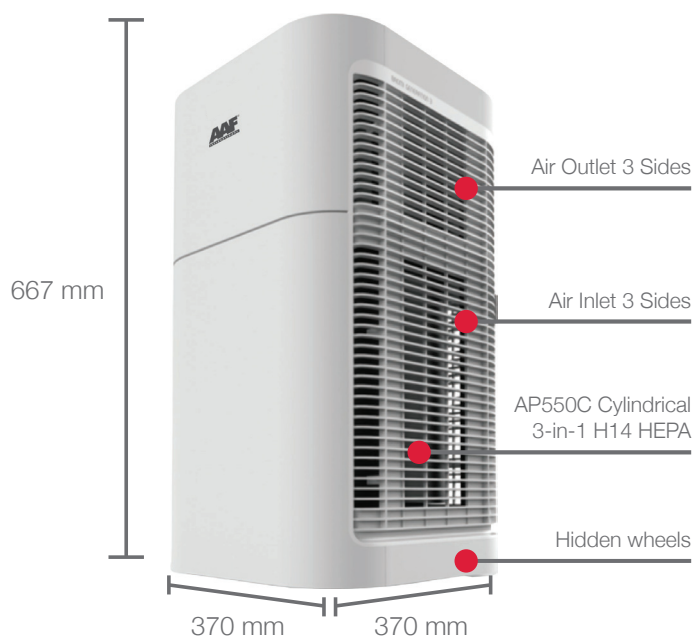# AstroPure™ 550C

Multiple Working Modes

Select your preferred working mode from Auto, Manual, Sleep, or 7 Days Schedule Timer.

Location Requirements

- Place on a level surface at least 10 inches away from any heat sources such as stoves or ovens, dryers, or heaters.

- Position the unit where its air inlet and vents are unobstructed.

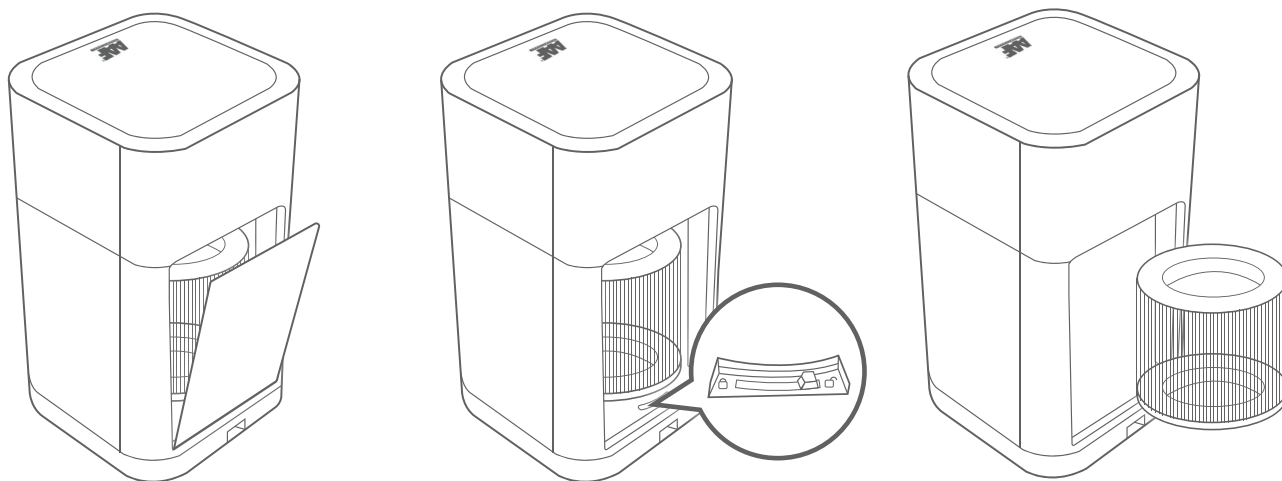- Never place the unit on uneven or unstable surface.

- Only for indoors use.

Energy Savings

Automatically reduces fan speed when the air is clean.

667 mm

Air Outlet 3 Sides

Air Inlet 3 Sides

AP550C Cylindrical 3-in-1 H14 HEPA

Hidden wheels

370 mm   370 mm

Safety Switch

When the filter cover is opened, the air purifier would be shut down automatically.

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Specification

CADR$_1$	550 - 700 CMH
Air Outlet	3-sides Linear Air Grille
Controller	5 Levels of Speed
Housing Material	HIPS
Housing Color	Matte White
Filter Configuration$_2$	3-in-1 Cylindrical filter (Prefilter + H14 HEPA + Carbon)
Power Supply	1Ph/50/60Hz/220-240VAC
Applicable Coverage Area$_3$	182 m^2
Sound Pressure Level	24 - 55.9 dBA

$_1$*The CADR varies based on E12, H13 and H14 filters.*
$_2$*Unit comes with preinstalled filter. Spare filter and alternative filters in E12 and H13 grades are also available.*
$_3$*The coverage area calculation is based on CADR of 700CMH according to NRCC-54013 standard.*

Applications

Homes & Residential Buildings

Offices & Buildings

Cinemas

Schools

Clinics & Hospitals

Malls, Stores & Commercial Space

Hotels & Resorts

Salons & Spas

Please contact your sales representative for more information.

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