



# AstroFresh 240W

Fresh Air Unit



Bringing clean air to life.<sup>®</sup>  
[www.aafthailand.com](http://www.aafthailand.com)

# WHAT IS IAQ?

“Indoor Air Quality” refers to the quality of the air in home, school, office, or other building environment.

## Amount of time we spend indoor



**Sleep**  
8 Hours



**Work**  
8 Hours



**Meals**  
2 Hours



**Entertainment**  
2 Hours

## Common Sources of Indoor Air Pollutants

### Residential



- Cooking
- Hair Spray
- Detergents
- Pet Dander
- Mold
- Paint
- Garbage

### Commercial



- Pathogens from Sick Patients
- Cleaning Agents
- Equipments
- Smoke
- Dust

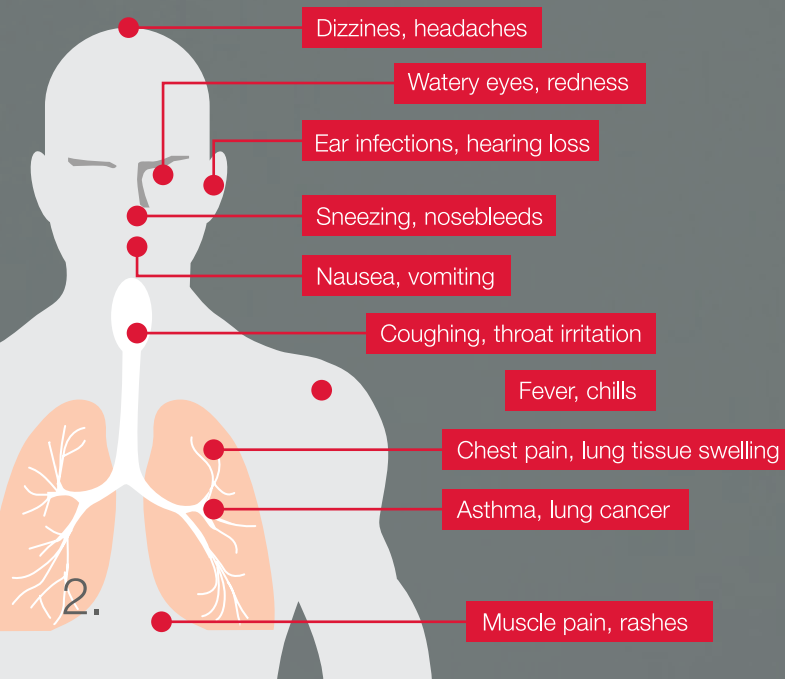
### Industrial



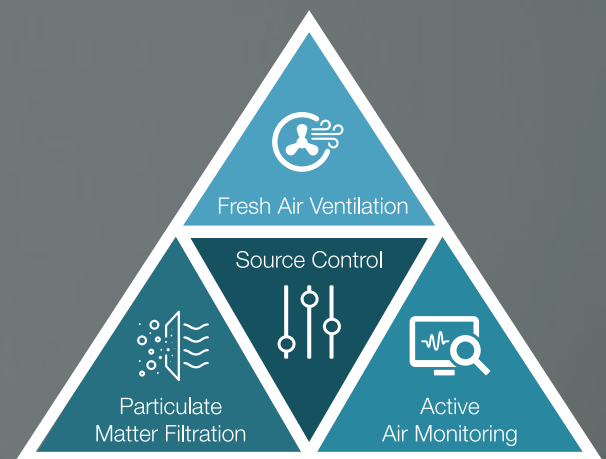
- Welding
- Soldering
- Combustion
- Sawdust
- Toxic Gas
- Smoke

Poor indoor air quality is a result of high carbon dioxide level, stuffiness, smelly environment, bacteria and particulate matter count. All to which will result in to poor health, productivity, and safety.

## How Does Poor Indoor Air Quality Impact Our Health



## Good IAQ



To maintain a good indoor air quality, there are 4 crucial factors, they are fresh air ventilation, particulate matter filtration, active air monitoring and source control respectively.



# DRAW FRESH AIR WITH UNIQUE FEATURES

## H13 True HEPA Filter

Effectively remove up to 99.95%  
of ultra fine particles.

## Ultraviolet Germicidal Irradiation (UVGI)

UVGI is the use of UV-C energy to inactivate viral,  
bacterial and fungal organisms, recommended to  
turn it on 30 minutes before replacing filter.

## Smart Air App

Control your unit anywhere and anytime  
using AAF Connect mobile app.

## Visualise Your Air

Visualise your current indoor air  
quality (IAQ) through real-time  
monitoring.



# FRESH AIR EVERYWHERE

Enjoy fresh air wherever you are.



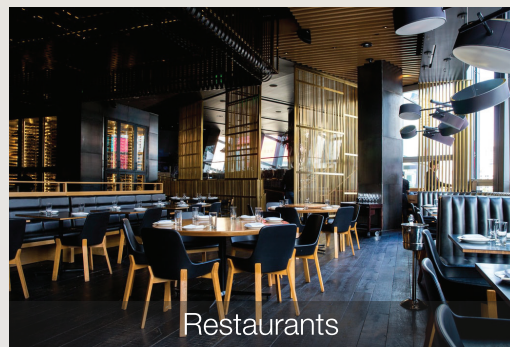
Director Rooms



Offices



Hospitals



Restaurants



Retails



Nurseries



Schools



Saloons



# AAF CONNECT

Know the air quality you breathe in



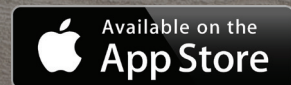
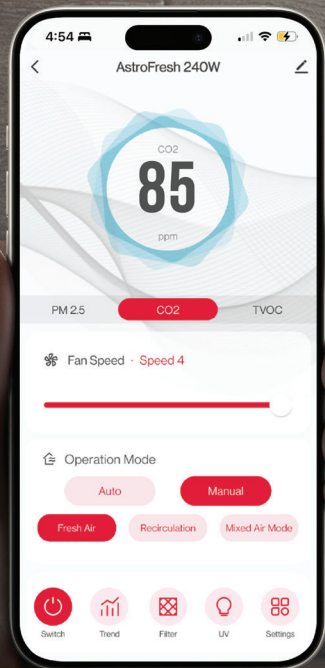
Visualise and control your devices

Automate your devices

Schedule at your ease

Monitor your air changes

Personalise your dashboard



# VERSATILE MODES & FUNCTIONS



Fresh Air Mode



Recirculation Mode



Mix Air Mode



Auto Mode



Temperature Sensor

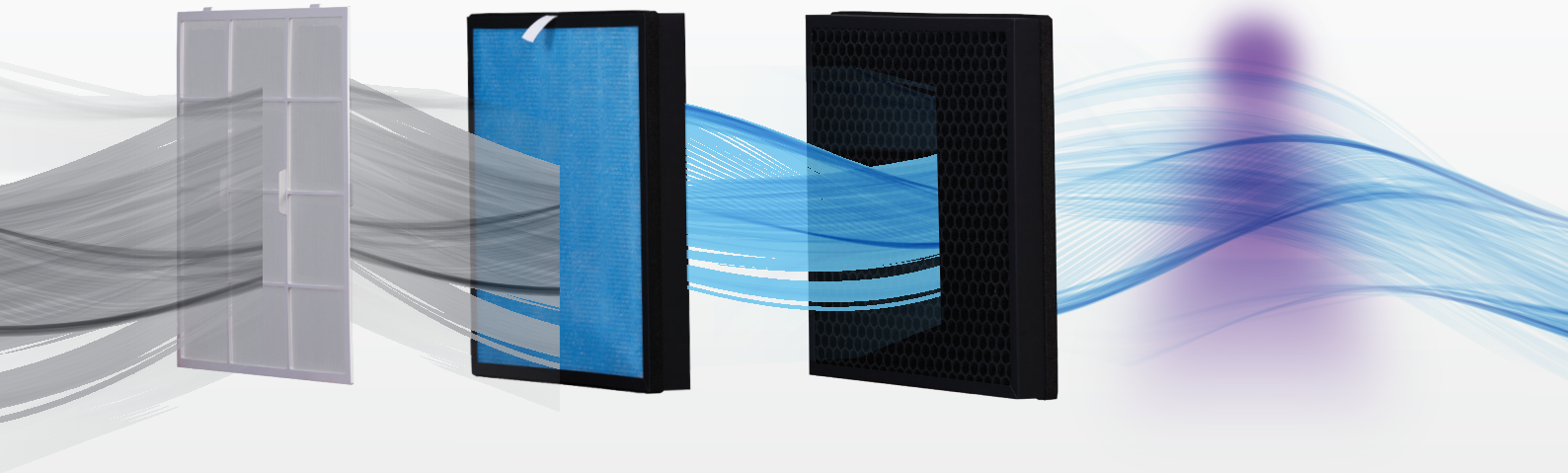


Filter Change Indicator





# POWERFUL FILTRATION STAGES



1 Prefilter

2 H13 HEPA Filter

3 Activated Carbon Filter

4 Ultraviolet Germicidal Irradiation (UVGI)

## COVERAGE AREA

Freshen up your area up to  
229 m<sup>2</sup>

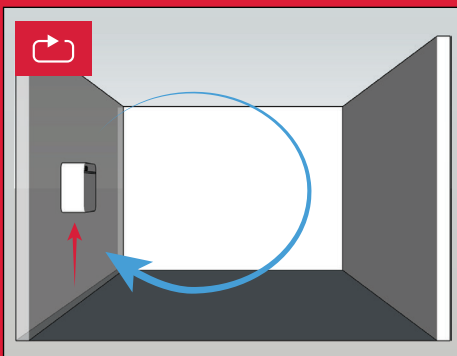


# SPECIFICATION

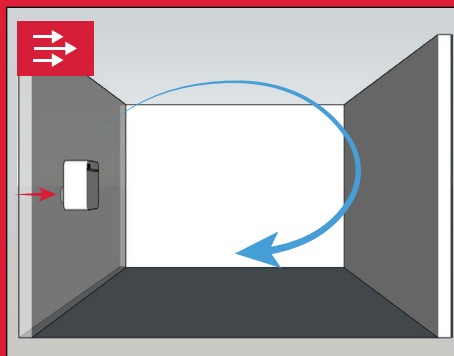
Airflow	60 / 120 / 180 / 240
Fresh Air Inlet	Ø110mm
Return Air Inlet	Side Linear grille
Supply Air Outlet	Top Linear grille
Controller	AAF Connect App, Touch Panel with Display, Remote Control
Housing Material	ABS
Housing Color	Matte White
Filter Configuration	3-in-1 HEPA Composite Filter
Power Supply	1Ph/50Hz/220-240V
Applicable Coverage Area (m <sup>2</sup> ) <sub>1</sub>	27 - 229
Sound Pressure Level (dBA)	35 - 47

*1The coverage area is calculated based on 3m ceiling height and 0.35 - 3 air purification per hour at maximum airflow.*

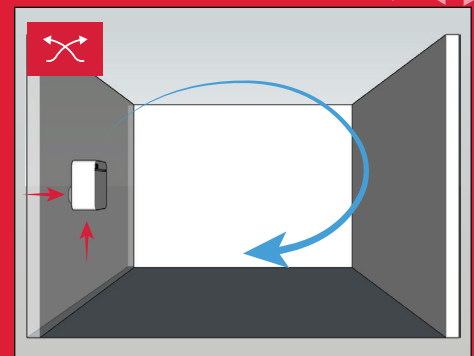
## OPERATION MODES



Improve the indoor air quality through indoor air recirculation.



Bringing in fresh air to keep your room fresh and clean.



Bringing in fresh air into the room while recirculating indoor air to improve the overall indoor air quality.



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