



## AstroPure CCX

### Product Overview

- Leak Free Design**  
 Maximize Filtration Efficiency
- Heat Recovery**  
 Hot incoming fresh air is cooled by air being expelled which substantially reduces cooling required, saving energy
- HEPA Filter**  
 Effectively removes up to 99.995% of ultra-fine particles
- Ultraviolet Germicidal Irradiation (UVGI)**  
 UVGI is the use of UVC energy to inactivate viral, bacterial, and fungal organisms
- PM2.5, CO<sub>2</sub> & TVOC Display**  
 Visualise your current indoor air quality (IAQ) through real-time monitoring
- Wi-Fi Smart Control**  
 Control your unit anywhere and anytime through our AAF Connect mobile app



### More Features

- Suitable for indoor application to bring in clean fresh air from outdoor
- Reduce indoor CO<sub>2</sub> concentration level
- Act as an indoor circulation purifier when fresh air is not needed
- Quick switch operation modes from the LCD controller

### Specification

Power Supply	1Ph/50/60Hz/220-240V
Housing Material	Cold Rolled Steel
Housing Finishing	Black Coated
Filter Configuration	G4 Pre-Filter + H13 HEPA filter*
UV	Yes
Wifi	Yes

\*G4 Gas Phase Filter & H14 HEPA filter is available as replacement filters

#### Preinstalled:

Prefilter      G4  
 Final filter    H13

### Product Information

Model		AstroPure CCX250A Pro	AstroPure CCX500A Pro
Part Number		MCX25A-111U404-08	MCX50A-111U404-08
Dimension (L×W×H)	mm	840 x 695 x 220	955 x 770 x 295
Weight	kg	28	38
Controller		Standard LCD	Standard LCD
Recirculation		Yes	Yes
Sensors	Temperature	Yes	Yes
	Humidity	Yes	Yes
	CO <sub>2</sub>	Yes	Yes
	PM2.5	Yes	Yes
	TVOC	Yes	Yes
Airflow	High	250	500
	Medium	200	400
	Low	150	300
External Static Pressure	Pa	150CMH @ 30Pa, 200CMH @ 75Pa, 250CMH @ 100Pa	300CMH @ 30Pa, 400CMH @ 90Pa, 500CMH @ 120Pa
Application Coverage Area <sub>1</sub>	m <sup>2</sup>	28 - 238	56 - 476
Sound Pressure Level	dBA	≤39	≤45
Power Consumption	W	140	260
Connection Duct Diameter	mm	Ø110	Ø160

\*Unit is equipped with filter, please contact your sales representative for more information.

\*G4 Gas Phase Filter & H14 HEPA filter is available as replacement filters.

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

### Filter Information

Part Number	Actual Size mm (W x H x D)	Filter Class	Purpose
<b>AstroPure CCX250A Pro</b>			
MCCX250A-PPG4	249 x 199 x 40	G4	Removes coarse particles
MCCX250A-EPH13		H13	Removes up to 99.95% of ultra-fine particles
<b>AstroPure CCX500A Pro</b>			
MCCX500A-PPG4	351 x 269 x 40	G4	Removes coarse particles
MCCX500A-EPH13		H13	Removes up to 99.95% of ultra-fine particles
<b>Alternative</b>			
MCCX500A-EPH14	351 x 269 x 40	H14	Removes up to 99.995% of ultra-fine particles
MCCX250A-AMCG4	249 x 199 x 40	G4	Removes odours and particulate control
MCCX500A-AMCG4	351 x 269 x 40		

\*Each unit requires 2 pcs of Prefilters and 1 pc of HEPA filter.