



# AstroPure VFN1200A

## Product Overview

- 100% individually leak-free tested
- H14 True 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

## More Features

- Ideally designed to improve the air quality of the recirculation air by reducing PM2.5, bacteria, and virus
- Designed with the combination of two-stage filtration, supplied as a total clean air solutions, removing airborne particulate contaminants
- Designed with a variable speed controller to regulate the airflow
- Self-contained system for quick installation (plug and play)
- Easy operation and maintenance
- Superior protection is provided by the installed filters and the optional UVC lamp
- Conveniently safe IAQ monitoring and control



## Equipment Specification

	AstroPure VFN1200A Pro	AstroPure VFN1200A
Airflow	420 - 1,250 CMH	400 - 1,220 CMH
Air Outlet	Perforated Air Grille	Perforated Air Grille
Housing Material	Galvanised Steel	Galvanised Steel
Housing Finishing	White Powder Coated	White Powder Coated
Filter Configuration	Varicel II F7 + MEGAcel III eFRM H14	Varicel II F7 + MEGAcel III eFRM H14
Power Supply	1ph/50~60Hz/220~240VAC	1ph/50~60Hz/220~240VAC
Applicable Coverage Area,	69 - 417 m <sup>2</sup>	68 - 407 m <sup>2</sup>
Sound Pressure Level	40 - 65 dBA	40 - 65 dBA
UV Wavelength	254 nm	254 nm

*The coverage area is calculated based on 3m ceiling height and 1-6 air purification per hour at maximum airflow.*

## Equipment Information

Part Number	Actual Size mm (H x W x D)	Controller	UV	Current (A)	Weight (kg)
<b>AstroPure VFN1200A Pro</b>					
M655-141230D-210CP	1230 x 600 x 605	AstroPlus Control	No	1.18	68
M655-141231D-210CP			Yes	1.22	70
M655-141230S-010CP		AstroPlus Control Pro	No	1.24	68
M655-141231S-010CP			Yes	1.28	70
<b>AstroPure VFN1200A</b>					
M655-141240D-210CP	1230 x 600 x 605	AstroPlus Control	No	1.46	68
M655-141241D-210CP			Yes	1.52	70
M655-141240S-010CP		AstroPlus Control Pro	No	1.50	68
M655-141241S-010CP			Yes	1.56	70

## Filter Information

Part Number	Model	Actual Size mm (W x H x D)	Filter Class	Purpose
M332-410-0163	VariCel II 80 - 85%	492 x 584 x 95	F7	Removes fine particles
M451-101-3423L	MEGAcel III eFRM	510 x 585 x 292	H14	Removes finer particles and pathogens