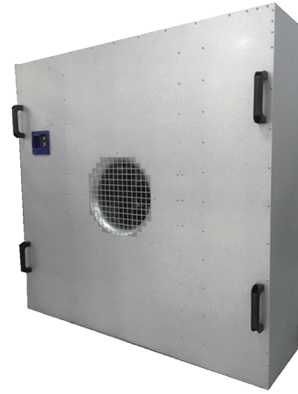




AstroFan FFU - EC

Product Overview

- Comes with smart electronic control (EC) FFU system (AstroDrive)
- Full interface control, vector scaling
- High speed signal feedback feature
- Energy-efficient EC motor compared to AC alternatives
- Whisper-quiet operation compared to AC alternatives
- Easy installation and set up at the site
- AstroDrive can control up to 62,992 FFU units in one installation
- Alternative software can control up to 10,800 FFU units in one installation
- Good alternative solution for existing EC control FFU



Filter Specification

EN1822	H13 - U17
ISO 29463	ISO 35 H - ISO 75 U
Filter Depth (mm)	69, 93, 117
Media Type	Fibreglass, ePTFE, eFRM
Frame Material	Aluminium
Separator Style	Hot Melt
Gasket Material	PU, Neoprene, EPDM
Gasket Position	Upstream, Downstream, Both Sides
Faceguard Position	Both Sides
Antimicrobial Available	Optional
Recommended Final Resistance	500 Pa
Max Operating Temperature	70°C
Air Filtration Certificate	UL 900, FM 4920 ₃

Housing Specification

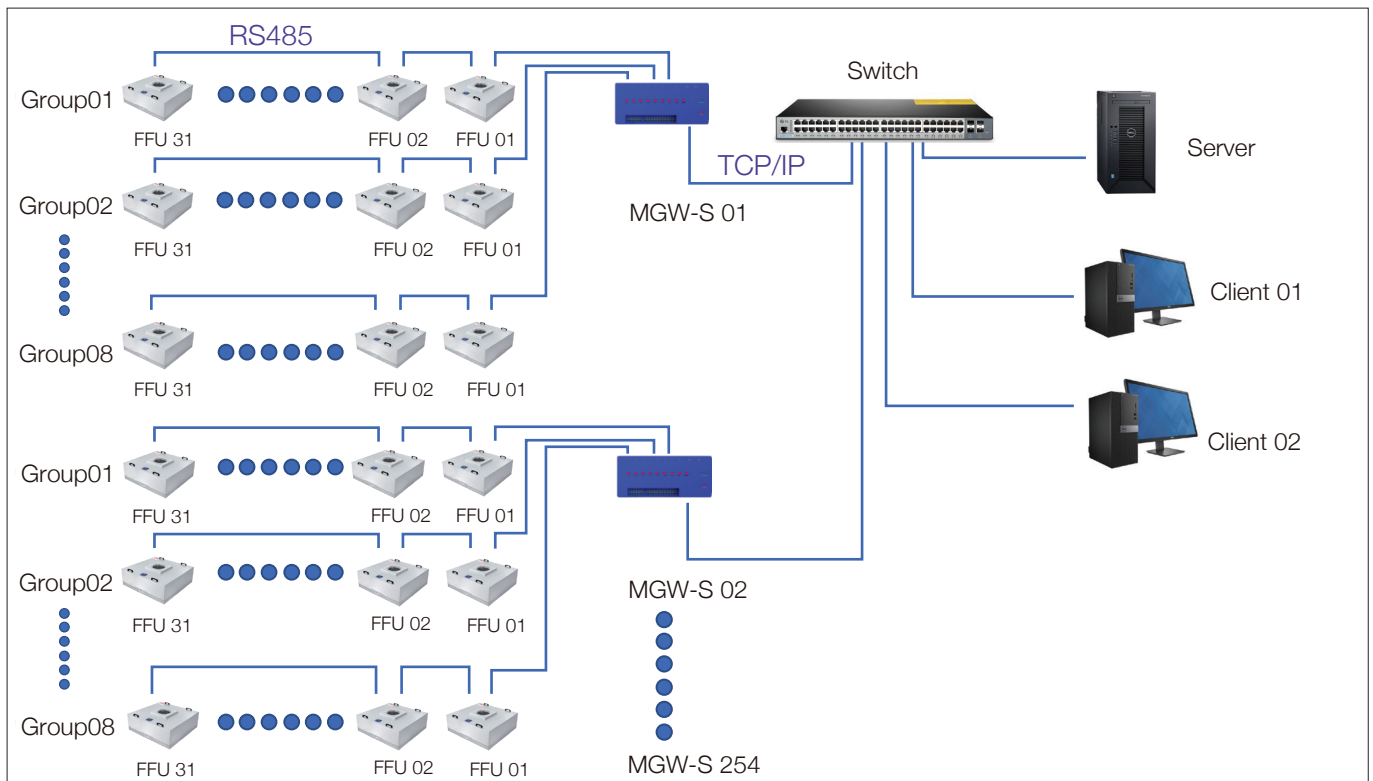
Housing Depth (mm)	295, 315
Housing Material	Galvalume, Stainless Steel, Aluminium
Power Supply	1Ph/50/60Hz/230VAC
Air Velocity	0.45 m/s +/- 20%
Control Method ₁	AstroDrive Software
Sound Pressure Level ₂	53 - 57 dBA
Pre-filter	Optional
Pressure Port	Optional
Special Size Available	Yes
Installation Method	CRM Ceiling Grid

₁For additional information on the various AstroFan FFU-EC solutions, please contact our sales representative.

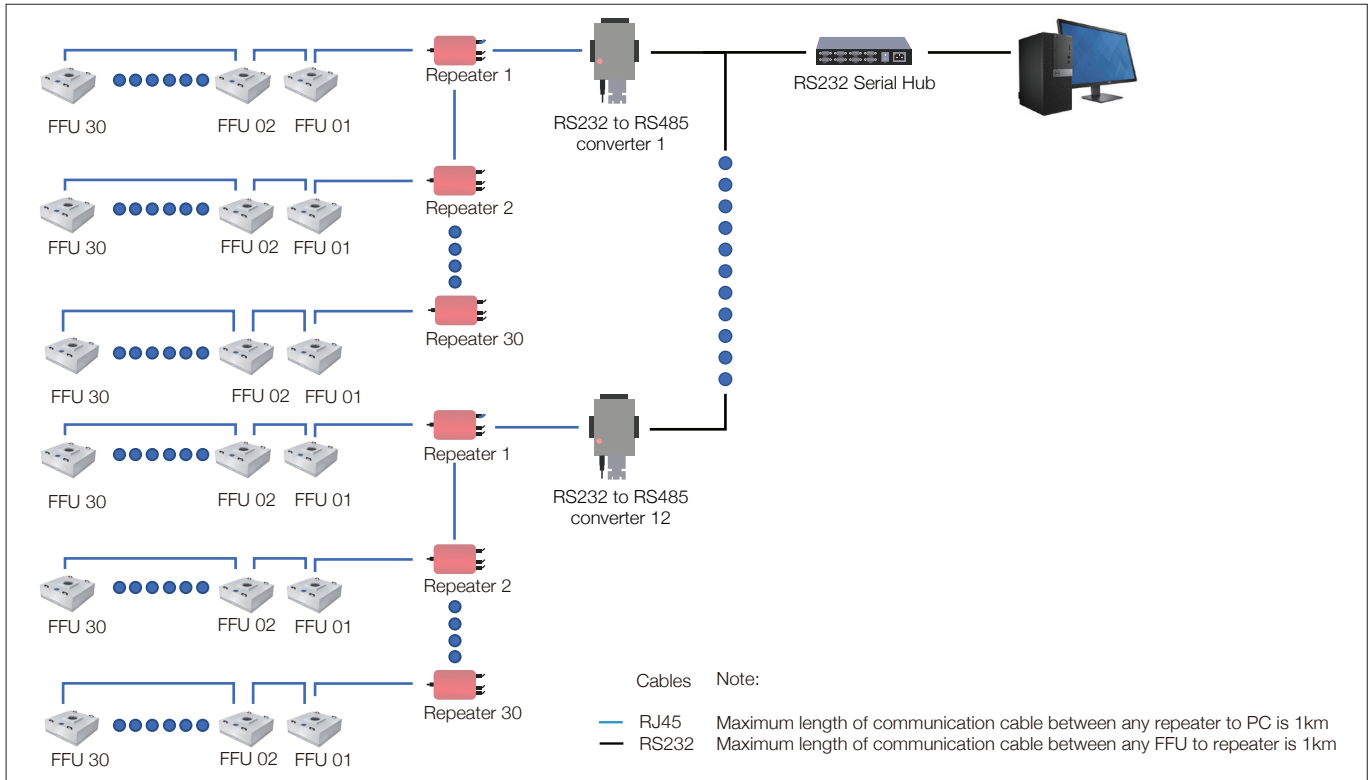
₂SPL are tested 1.5m below the FFU, using 1175x1175x315mm Housing Size with AstroCel II H14 1170x1170x69mm, at Air Velocity 0.45 m/s.

₃FM 4920 certificate is only applicable to filters with fibreglass media.

AstroDrive Electronic Connection Diagram of Control Interface and Gateway



Alternative Electronic Connection Diagram of Control Interface and Gateway



Housing Information

Actual Housing Size mm (H x W x D)	Actual Filter Size mm (H x W)	Rated Airflow (CMH)
575 x 575 x 295	570 x 570	526
575 x 1175 x 295	570 x 1170	1,080
1175 x 1175 x 315	1170 x 1170	2,218

*Top access and other sizes are also available upon request. Please contact our sales representatives for more information.

**Above part numbers are applicable to housing only, filter not included.