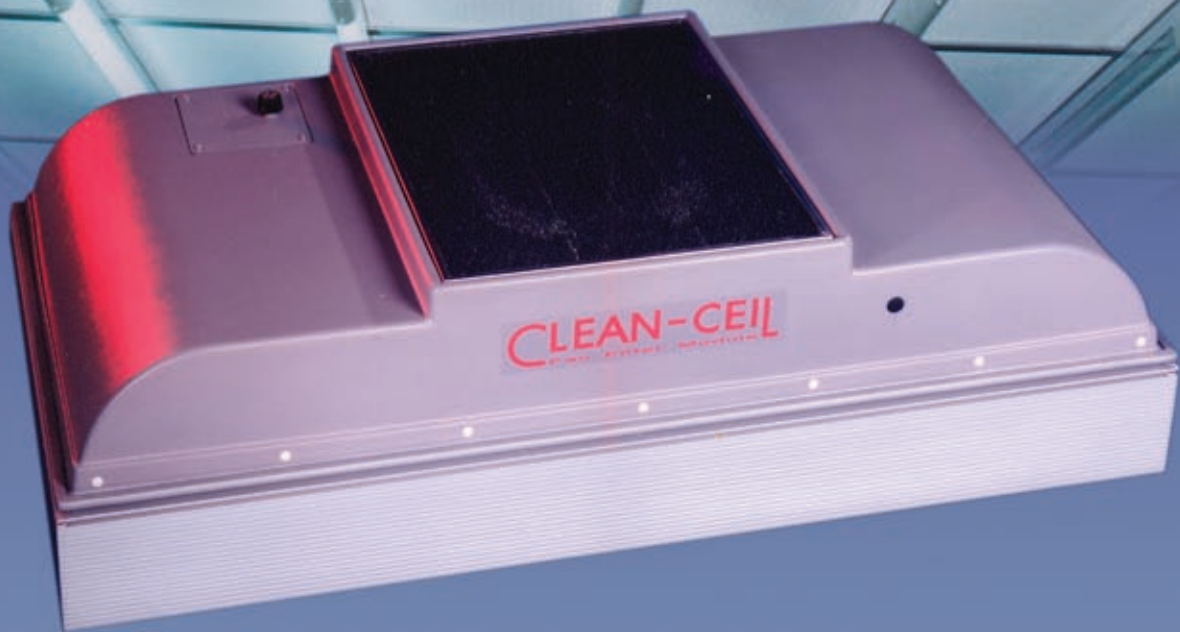


CLEAN-CELL

Fan Filter Module

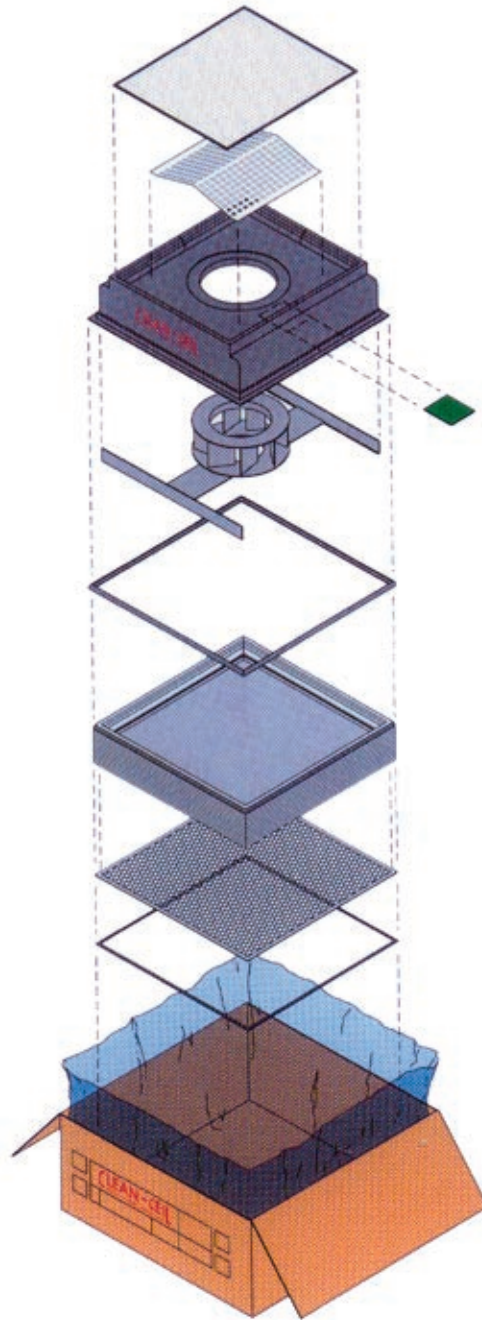


The Ultimate Cleanroom Air Management System

The Microzone Clean-Ceil Fan Filter Module is designed and constructed from superior components to create the ultimate cleanroom air management system.

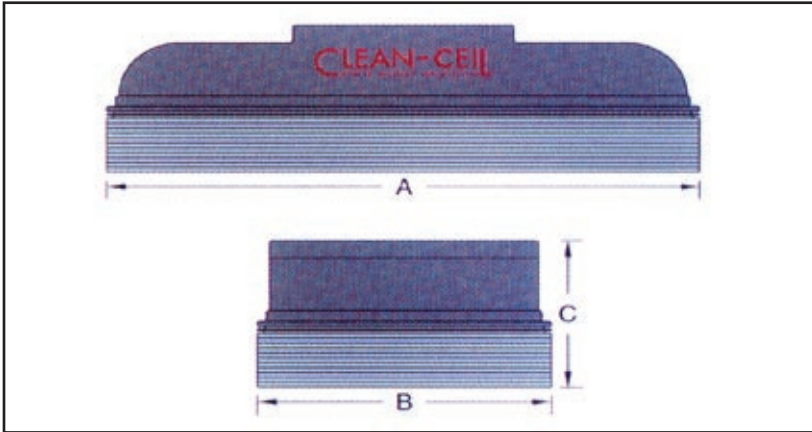
Design Criteria

- Removable standard size 40% efficient ASHRAE rated prefilter
- Optional Model FFM-HFCM control module
- Vacuum formed insulated aerodynamic shroud all factory pre-wired with integral SCR speed controller and power cord
- Dual vibro isolated energy efficient motorized impeller
- Self gripping notch quick lock attachment seal
- Aluminum sidewall HEPA or ULPA filter with our exclusive notch lock filter frame and seismic suspension tabs
- Expanded downstream protective screen
- Neoprene gasket for downstream grid attachment
- Filter is cleaned and wrapped in a 15 mil poly bag for clean installation
- Tri-wall type cardboard box with internal filter foam mounts to avoid movement within the box



Clean-Ceil provides you with a localized particulate-free environment...exactly where you need it!

Dimensions & Ordering Information



MODEL	TYPE	VOLTAGE	DIMENSIONS inches (mm)			WEIGHT LBS. (KILOS)	
			A	B	C	ACTUAL	SHIPPING
FFM-2-4-A	HEPA	115 V	47 5/8 (1210)	23 5/8 (600)	13 1/2 (343)	50 (23)	60 (27)
FFM-2-4-B	ULPA	115 V	47 5/8 (1210)	23 5/8 (600)	13 1/2 (343)	50 (23)	60 (27)
FFM-2-2-C	HEPA	115 V	23 5/8 (600)	23 5/8 (600)	13 1/2 (343)	30 (14)	40 (18)
FFM-2-2-D	ULPA	115 V	23 5/8 (600)	23 5/8 (600)	13 1/2 (343)	30 (14)	40 (18)
FFM-2-4-E	HEPA	220 V	47 5/8 (1210)	23 5/8 (600)	13 1/2 (343)	50 (23)	60 (27)
FFM-2-4-F	ULPA	220 V	47 5/8 (1210)	23 5/8 (600)	13 1/2 (343)	50 (23)	60 (27)
FFM-2-2-G	HEPA	220 V	23 5/8 (600)	23 5/8 (600)	13 1/2 (343)	30 (14)	40 (18)
FFM-2-2-H	ULPA	220 V	23 5/8 (600)	23 5/8 (600)	13 1/2 (343)	30 (14)	40 (18)

Optional Accessories

Model	Description
ECL0101	Minihelic gauge package
FFM-ST	Metal supply transition collar
FFM-FLT	Flow-thru fluorescent light
UA-043	Replacement prefilters
GA-049	Replacement 99.99% HEPA filter
GA-048	Replacement 99.99% HEPA filter
GA-066	Replacement 99.9995% ULPA filter
GA-099	Replacement 99.9995% ULPA filter
FFM-HFCM	Fan control communication module
FFM-RSRM	Room side replacement option

Features

- Aerodynamic design
- Low profile
- Energy efficient (290 watts)
- Low noise (54 db on the “A” scale, measured 66” from floor level when unit is installed in 9’ high ceiling and with a velocity of 90 FPM)
- Versatile - unit can be mounted in any plane
- Fits standard “T” bar ceiling system
- Fire rated acrylic/PVC thermoplastic housing
- Provides better than CLASS 100 (ISO CLASS 5) conditions as per Federal Standard 209
- Designed for continuous operation
- Aluminum sidewall filter housing
- Filter housing easily replaced without the use of tools
- Self contained and factory wired
- Washable removable pre-filter
- Motorized impeller
- U.S. Patent Number 5496389
- 12 month limited warranty



Clean-Ceil is the ideal terminal Fan Filter Module for use in cleanroom and sterile suite ceiling systems. Clean-Ceil may be incorporated within existing facilities as a retrofit to upgrade cleanliness levels, or may be integrated into the design of new cleanroom installations. The energy efficient Clean-Ceil is also ideal for use in laminar flow equipment and for modular or mobile softwall cleanrooms.



MODEL FFM-2-2-C



MODEL FFM-2-4-A



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