

Bio-Safe EEF Filter Units

Ultra high performance clean room filtration systems - Model 2001

Low energy consumption 0.4 W/scfm and yet has enough fan power to overcome return and supply flow restriction

Ultra quiet operation

Ultra high performance BIO SAFE electrically enhanced Fan Filter Unit

Advantages:

- BACTERICIDAL - w/o biocides resulting in lower BIO BURDEN.
- VIRTUALLY PARTICLE FREE AIR/DOUBLE HEPA FILTRATION IF NEEDED - > 99.999999% efficiency. The higher efficiency enables lower air flow with significant energy savings.
- LOWER INSTALLATION AND OPERATING COSTS - No plenumdeck required.
- CONNECTS TO STANDARD LOWER COST AIR-CONDITIONAR UNITS - No lead for heavy roof mounted air handlers costing about 3 times more per ton of air-conditioning!
- FITTERS CHANGED OUTSIDE THE CLEANROOM - No contamination during filter servicing. Terminal HEPA filters, if required, should never need changing.
- EASY UPGRADE of existing Clean Rooms and **inexpensive conversion** of dry wall rooms.
- RECOGNIZED TECNHOLOGY - Winner of the prestigious R&D - 100, NASA Technology 2005 SBIR "Environmental Technology of the Year" and micro product All Star Awards.

OTHER FEATURES	BENEFITS
BACTERICIDAL ² -TRAPS AND KILLS BACTERIA ² DUE TO IONISING RADITION	= LOWER BIO BURDEN - INHIBITS GROWTH THROUGH FILTER AND SHEDDING OF BACTERIA
INDIPENDENT AIR FLOW AND DISTRUBUTION ² - CLEAN AIR SUPPLY WHERE NEEDED	= HIGER PERFORMANCE AT LOWER AIR FLOW & LOWER ENERGY CONSUMPTION
QUICK FILTER CHANGES DONE OUTSIDE ROOM	= NO CONTAMINATION DURING FILTER CHANGES
DISTRIBUTE AIR HANDLING CONNECTS TO CONVENTIONAL LOWER WEIGHT A/C UNITS	= LOWER INITIAL COST - ROOF REINFORCEMENTS MAY NOT BE REQUIRED
LOW WEIGHT - EASILY INSTALLS IN CEILING SPACE	= LOWER INSTALLATION COST
NO CLEANUM REQUIRED - LEAKS ELIMINATED	= LOWER INTIAL COST - NO LEAKAGE
REMOTE ON OFF CONTROL /INDICATORS	= EASE OF CONTROL AND MONITORING
EASLY DUCTED FOR NEGATIVE PRESSURE	= IDEAL FOR TB AND ISOLATORS

Specifications

AVAILABLE WITH STANDARD REMOTE CONTROLLER - with or without pressure guage

# OF 30"x24" FILTERS	1	LENGTH	18"/45.7cm
HEIGHT	26" / 66cm	WEIGHT	103# (46kg)
WIDTH ³	36" / 81.3cm	SHIPPING WEIGHT	128# (58kg)

The filter requires minimum 30" service space on the side opposite the electrical box.

