

Series 1000

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Series 1000 HEPA SYSTEMS

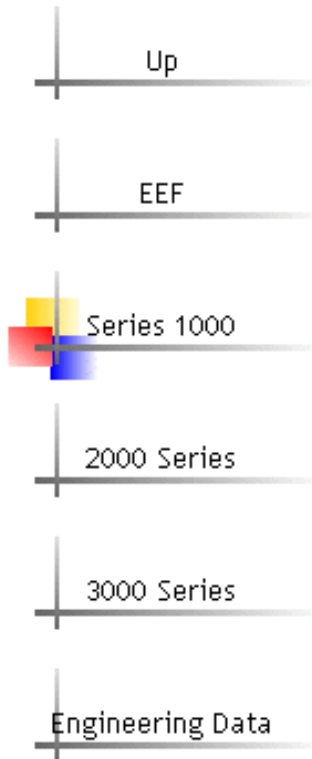
Electrically Enhanced Filtration (EEF) System*

Ultra Low Pressure Drop HEPA BIO PLUS® Filter System
0.6" WC Pressure Drop @ 2400 scfm per Filter

[Engineering/Application Data.](#)

Features:

- Available for **standard frames** used in Air Handling Units (AHUs).
- Retrofit kits available for existing AHU units.
- Also available in separate **in-duct housings** – with or without built in fans. **Super quiet** operation with high flow in a compact package.
- **Inhibits bacterial survival** on the filter.
- **Save up to \$925 per year (11.5 months ROI) per filter in Operating Cost– not counting savings in down time.**





[\[Click Here for 3D Example of Cleanroom Distributed Air-handling\]](#)

Series 1000 HEPA

- 0.5"WC @ 2000 scfm in a 24"x24"x11.5" Size
- ~ 2.5 to 3 times the dust holding capacity
- Reliable mini pleat construction

CONVENTIONAL HEPA:

- 1"WC @ 2000 scfm, same size
- 3 Times higher filter change rate
- Al separator construction- tends to tear with airflow pulses

**RECOVERY ON INVESTMENT ANALYSIS - Based On End User Pricing And Flow Rate
Of 2400 SCFM Per 24 x 24 x 12" Filter**

Additional Cost to the End User per filter, with respect to Conventional Filters

EQUIPMENT	\$789.00
LABOR	\$100.00
TOTAL	\$889.00

SAVINGS/YEAR (Per Filter Element)

Energy Saved: 0.5199 KW 4554 KWH

<u>COMPONENTS</u>	<u>UNITS</u>	<u>UNITS SAVED</u>	<u>\$/UNIT</u>	<u>\$/YEAR</u>
Replacement Filter Savings*				324

Maintenance Labor	Hours	2	50	100
Electric Power	KWH	4554	0.11	501
Total Savings Per Year (Per Filter Element)				925

Recovery of Additional Costs 11.5 Months

THIS ANALYSIS DOES NOT INCLUDE THE COST BENEFIT OF HAVING LOWER DOWNTIME OR BENEFITS OF LOWER DEMAND DURING PEAK HOURS OR OTHER BENEFITS ASSOCIATED WITH ENERGY AND POWER SAVINGS.

*Patent Pending

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