

3000 Series

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3000 Series Compact Series In-Duct Bactericidal* HEPA Filters

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[Electrically Enhanced Filters \(EEF\)](#)

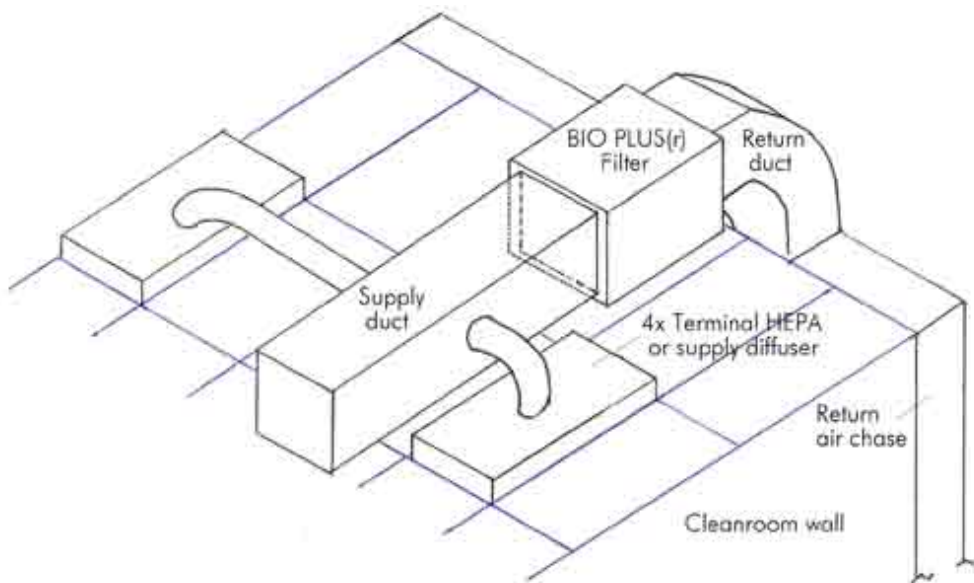
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Flow Rates from 750-10,000 scfm

Highly Compact Units



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Features:

- **Bactericidal** – traps and kills bacteria due to ionizing radiation.
- HEPA level filtration – each individual filter/housing is tested.
- Small size/lower weight – easily installs ceiling space.
- Independent flow velocity/distribution control –supply where needed.
- Quick filter changes done outside room.
- Connects to conventional A/C units – low weight.
- No plenum required – leaks eliminated.
- Remote on-off, control/indicators.
- Easily ducted for negative pressure.

Benefits:

- Lower bio burden – inhibits growth through filter and bacteria shedding.
- High reliability – class 7-9 without terminal HEPAs.
- Lower installation cost.
- Higher and more effective room coverage at a given flow rate.
- No contamination during filter changes.
- Lower initial cost – roof reinforcements may not be required.
- Lower initial cost – less leakage.
- Ease of control and monitoring.
- Ideal for hospital and other isolators.

SERIES 3000 MODELS

Model	Description	# of Filters	Max. Flow scfm (m3/h)	Overall Size in.(cm) W*H*D
3001X	With small single phase fan	1	1200 (2125)	32(81) x 26(66) x 16 (41)
3001A	Without fan	1	2000 (3400) @ 1" WC	32(81) x 26(66) x 16 (41)
3001B	With high flow 3 phase fan	1	3000 (5100)	32(81) x 26(66) x 31 (79)
3004A	Without fan	4	8000 (13,600) @ 1"WC	64(162) x 52(132) x 16(41)
3004B	With high flow 3 phase fan	4	10,000 (17,000)	64(162) x 52(132) x 36 (91)

- Use as primary filter with terminal HEPA filters for class 0.1 – 100.
- Use as final filter with supply diffusers for class 100 – 100,000 .
- Series 3000 units can be conveniently ducted so as to create negative pressure rooms/isolators.

* Based on independent laboratory testing using *Escherichia coli* and *Staphylococcus epidermidis*.

** Patented, April 1995, US Patent 5,403,383.

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