



**DESIGN-AIRE**

**IsoTech Design**

# **DESIGN-AIRE Fan Filter Unit**

The IsoTech Design Fan Filter HEPA unit is designed to be an energy efficient, economical solution for providing particle free air. The IsoTech Design Fan Filter HEPA unit is ideal for new cleanroom construction, upgrading existing clean environments, or changing non-clean areas into classified clean zones.





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**Features Include:**

- LIGHT WEIGHT Aluminum Housing
- Energy efficient – less than 160-watts
- Provides better than CLASS 100 (ISO 5) conditions
- Two standard sizes available: 2' x 4' and 2' x 2'
- Aluminum HEPA filter frame with white epoxy coated steel protective screen
- HEPA filter rated 99.99% efficient at 0.3 microns
- Solid state speed control with on/off switch to help extend HEPA filter life and reduce energy costs
- Factory wired 3-prong power cord – 8ft (115-volt units only)
- Lightweight – only 48lbs (22kg)
- Low heat load to help reduce HVAC costs – only 545 BTU/hour
- Duplex outlet located on housing enables units to be grouped together without added power bars (up to 8 units may be grouped together)
- Washable 30% ASHRAE wire frame pre-filter
- Uniform airflow across the filter face (reference IES-RP-CC-002-86)
- 115-volt operation
- 2-year limited warranty



**Optional Accessories**

- ULPA filter rated 99.9995% efficient at 0.12 microns
- Disposable ASHRAE pre-filter
- Transition for connections to A/C systems – 10" or 12" collar
- 220-volt operation
- Custom sizes available

IsoTech Design specializes in manufacturing standard and custom HEPA filtered clean air systems including our Rapid Lock Softwall Cleanroom System, CAWS clean air workstations, and I.V. preparation rooms for pharmacy applications. In addition to high quality manufactured products, we also warehouse large inventories of HEPA/ULPA filters in standard sizes for next day delivery.



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