

DESIGN-AIRE™

Energy efficient and economical solution for providing particle free air. Ideal for new cleanroom construction, upgrading existing clean environments, or changing non-clean areas into classified clean zones.

USP <797> AND <800>, OSHA, AND NIOSH COMPLIANT



Design-Aire™

PROTECTING LIFE
PROTÉGER LA VIE
PROTEGIENDO LA VIDA



CLEAN

Provides better than Class 100 (ISO 5) conditions

ERGONOMIC

Lightweight – only 48lbs (22kg)

MODULAR

Two sizes available

ENERGY SAVING

Efficient and economical

APPLICATIONS

TO PROVIDE BETTER ISO 5 CONDITIONS

AIR FILTRATION

- > **PREFILTER** Washable ASHRAE 30% wire frame
- > **FILTER** Hepa filters (99.99% DOP at 0.3 µm)
- > **AIRFLOW** Uniform across the filter face

DIMENSION

- > 2 x 4 or 2 x 2

ELECTRICAL FEATURES

- > 115V
- > Factory wired 3-prong power cord – 8ft
- > Duplex outlet located on housing enables units to be grouped together without added power bars

MATERIALS OF CONSTRUCTION

- > Lightweight aluminium housing
- > Aluminium HEPA filter frame
- > White epoxy coated steel protective screen

FAN

- > Speed control
- > On/Off switch
- > Low heat load to help reduce HVAC costs – only 545 BTU/hour

OPTIONS

- > 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

WARRANTY

- > 2 years