



About our Teaming Partner

Curtiss-Wright has partnered with Camfil to serve as a channel to market for Camfil's line of containment air filtration products and engineering services for U.S. commercial nuclear power plants. Camfil is a leading manufacturer of commercial and industrial systems for air filtration and air pollution control with experience supporting more than 90 nuclear power plants globally.

Camfil's portfolio includes specialized nuclear containment and filtration solutions that are designed, built, and tested under the company's audited NQA-1 program. They offer an extensive range of products to meet every need – from standard ventilation filters to highly specialized filters, filter housings and adsorbers for nuclear applications.

Camfil containment housings are designed for use in critical processes where hazardous airborne materials must be prevented from escaping the air filtration system. Air filters may be replaced using a control barrier to protect change-out personnel from contaminants within the housing or spent filters. The housing minimizes exposure to harmful contaminants during filter service through the use of a PVC bag enclosure system. The entire filter changing process isolates personnel from the hazardous materials. Camfil offers standard configurations which may be customized with various options specific to the application.

Quality is built into every Camfil product. As experts in nuclear containment and filtration, Camfil nuclear products are designed, built, and tested per the requirements of ASME AG-1, ASME NQA-1, 10CFR50 Appendix B, and 10CFR21.

Nuclear HEPA Filters

Camfil's Absolute® DN & VN Nuclear-Grade HEPA filters protect personnel, the public, and the environment from airborne radioactive particulate. The filters are designed, manufactured, and tested in accordance with ASME AG-1 under Camfil's NQA-1 quality assurance program and meet all the requirements of 10CFR50 Appendix B and 10CFR21. Nuclear-Grade Absolute HEPA filters are available in sizes up to 2000 CFM, in both gel and gasket seals.

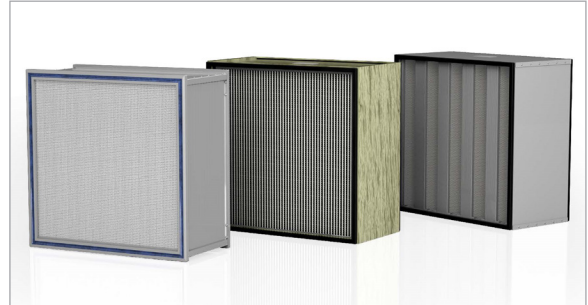
- Absolute® DN Size 7, 1500 CFM HEPA Filters
 - Stainless steel and fire retardant plywood
 - ASME AG-1 Code Section FC, UL-586
 - Lower airflows available
- Absolute® VN Size 8, 2000 CFM HEPA Filter
 - ASME AG-1 Code Section FC, UL-586
 - Lower airflows available
- Farr 30/30® FJ Prefilter
 - ASME AG-1 Section FJ
 - Developed for the Department of Energy, nuclear and radiation industries
 - Lower airflows available
- Push-Through Cylindrical Radial Flow Designed Absolute® Filters
 - Rigid polypropylene end caps that include nylon inserts, perforated plastic retaining grids and a polyurethane sealant
 - Available with low 248° F (120°C) or high 482° F (250° C) temperature non-combustible HEPA filters
 - The 3mm internal silicone rubber lip-seal mechanically fitted to the end cap eliminates clamping mechanisms
- HEGA II (Type II) ASME AG-1 Design Carbon Adsorber
 - ASME AG-1 section FD with two-inch deep parallel media beds
 - High-efficiency gas adsorber is 99.9% efficient
- HEGA IV (Type IV) ASME AG-1 Design Carbon Adsorber
 - ASME AG-1 section FH with two-inch deep media beds
 - High-efficiency gas adsorber is 99.9% efficient

Research and Development Engineering Capabilities

- Commercial Grade Dedication (CGD) Expertise
- Proprietary Mechanical Designs
- Safety or Hazardous Area Equipment Selection
- Nuclear Application Expertise
- Control and Instrumentation System Design
- PLC Programming and Testing
- Stress Seismic and Thermal Analysis
- Project Management and Field Services
- Custom Equipment with Lifetime Warranty

Custom and Purpose Built Solutions

Don't let obsolescence, item equivalency or footprint be an issue. We are proud to offer the subject matter expertise to provide purpose built solutions from component to system level.



Nuclear HEPA Filters



HEGA IV (Type IV) ASME AG-1 Design Carbon Adsorber



HEGA II (Type II) ASME AG-1 Design Carbon Adsorber



Bag In Bag Out Housing