

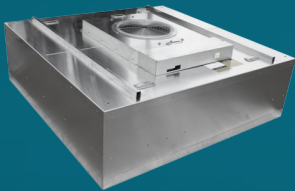
More Than 50 Years of Cleanroom Solutions Built for You

Since 1966, ENVIRCO®, a brand of Johnson Controls Inc., has been the leading innovator in cleanroom air filtration technology. The innovation began with the development of the first fan filter units (FFUs) that were produced for the first generation of cleanrooms.

Today, ENVIRCO's MAC 10® FFU product line remains as the leading HEPA/ULPA filtration solution for a whole range of manufacturing industries such as pharmaceuticals, semiconductors, nanotechnology, aviation technology, and university and scientific research.

Cleanroom Products

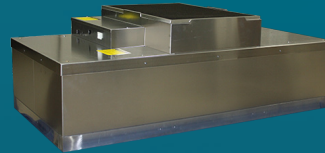
■ **Fan Filter Units:** The MAC 10 line of fan filter units (FFUs) are ideal air filtration solutions for the worldwide cleanroom market. The FFU design (fan, motor, and filtration system in a single unit) draws air in from a motor assembly and through the filtration system, then exhausts it across the filter face, supplying particle-free, laminar airflow to the room. The MAC 10 line of FFUs offer low energy consumption, low sound levels, and a low profile.



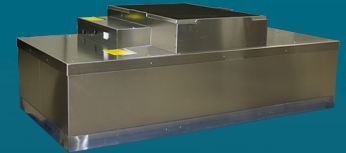
MAC 10 LEDC 4x4: The Largest
ECM Motor, High Airflow, Backward Curve, Universal Control Card (UCC)



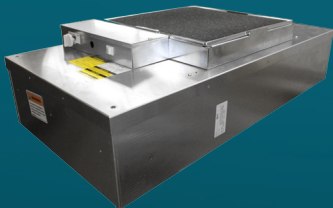
MAC 10 LEDC: The Energy Saver
ECM Motor, High Airflow, Backward Curve, UCC/IR Control Options



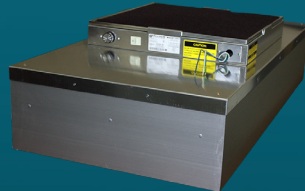
MAC 10 IQ: The Constant
ECM Motor, Constant Airflow, Forward Curve, UCC/IR Control Options



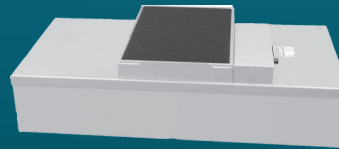
MAC 10 IQ LAF: The Low Flow
ECM Motor, Low Airflow, Forward Curve, UCC/IR Control Options



MAC 10 LEAC: The High Flow
AC Motor, High Airflow, Backward Curve, 3-Speed Switch



MAC 10 LEAC2: The Newest
AC Motor, Standard Airflow, Backward Curve, Variable Speed Switch



MAC 10 Original: The First
AC Motor, Standard Airflow, Forward Curve, Multiple Control Options

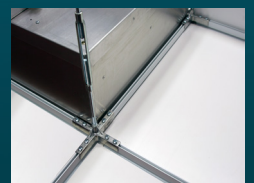


MAC 10 RFAC: The Reverse Flow
AC Motor, Standard Airflow, Backward Curve, Variable Speed Switch

■ **Control Systems:** ENVIRCO offers a complete family of control solutions providing machine intelligence to monitor and control cleanroom environments of all sizes - from small to very large.



■ **MAC-T Ceiling Grid System:** ENVIRCO's cleanroom ceiling grid solution, a 2" extruded aluminum system with gasket seal, is fabricated using heavy duty, durable superior materials - providing both a structural grid system and zinc alloy die-castings.



Hospital & Healthcare Products

■ **Hospi-Gard®:** ENVIRCO's Hospi-Gard line offers a variety of airborne infection control products for patient rooms and clinics. The IsoClean® and AirCeil® HEPA air filtration systems create low-cost, negative pressure isolation rooms to help contain and minimize the spread of airborne viruses and diseases.



Pharmaceutical & Medical Device Products

■ **Unimodule M2:** The M2 is a vertical, self-contained, product-protection unit that provides HEPA-filtered air to critical work environments in a positive-pressure laminar flow pattern. The M2 has a modular design with an isolated work table.



■ **Unimodule METD:** The METD is designed for operations involving toxic or noxious fumes that can be potentially harmful for workers. A rear plenum and workstation exhaust slots remove exhaust fumes from within the cabinet. The open front features vertical airflow for personnel protection, while the HEPA filter ensures product protection.



Laboratory & Research Products

■ **Table Top Horizontal Flow Clean Bench (TT):** The bench or table-mountable TT provides an ISO Class 5 product-protection environment using an aerosol-challenged HEPA filter.



■ **EnviraLab Sterility Module (ESM):** The self-contained ESM clean bench features a modular and unique vertical and horizontal airflow pattern that sweeps around obstructions, minimizes reverse turbulence, and maximizes cleansing within the critical work area. The ESM workstation provides an ISO Class 5 product-protection environment using an aerosol-challenged HEPA filter.



■ **Laminar Flow Horizontal Flow Bench (LF):** The freestanding LF unit features a unique separate plenum and table design. Positive pressure laminar airflow provides product protection within the work area.



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 **ENVIRCO**
Innovators in clean air technology