MACROAIR | HVLS Fans

VHF Sales, Inc.

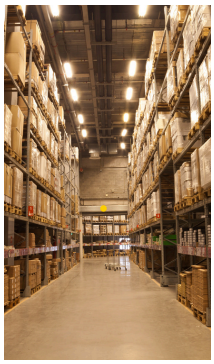
High-Volume, Low-Speed Fans

for Commercial & Industrial Spaces

MacroAir manufactures high-volume, low-speed (HVLS) fans designed to circulate large volumes of air throughout commercial, industrial, and institutional facilities. By moving air efficiently across expansive spaces, MacroAir fans help improve occupant comfort, reduce temperature stratification, and support more consistent indoor conditions.

With direct-drive and gear-drive technologies, multiple fan diameters, and a variety of control options, MacroAir offers solutions for warehouses, manufacturing facilities, schools, agricultural buildings, and other large open spaces.

Ideal Applications



Warehouses & Distribution Centers



Manufacturing Facilities



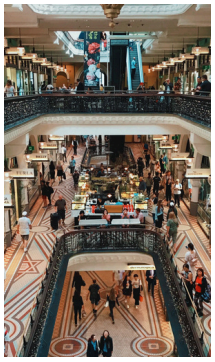
Schools & Gymnasiums



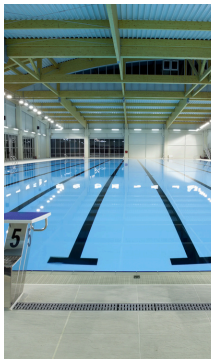
Agricultural Buildings



Aircraft Hangars



Retail & Commercial Spaces



Recreational Facilities

Key Features & Benefits

- **Year-Round Comfort** Large-diameter fans create gentle, widespread air movement that improves the perceived cooling effect during warmer months and helps redistribute warm ceiling air during heating season.
- **Efficient Air Circulation** HVLS technology moves substantial volumes of air at relatively low rotational speeds, helping provide broad airflow coverage with fewer fans in suitable applications.
- **Direct-Drive & Gear-Drive Options** Multiple motor technologies provide flexibility in equipment selection based on performance requirements, maintenance preferences, and project budgets.
- **Flexible Fan Sizes** Available diameters from 6 to 24 feet across the featured product families accommodate a wide range of building sizes and ceiling heights.
- **Advanced Controls** Available variable-speed operation, digital controllers, and building management integration support convenient operation and coordinated airflow management.
- **Installation Flexibility** Multiple mounting arrangements and available accessories help accommodate different structural conditions and installation requirements.

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Source: MacroAir | macroairfans.com

MACROAIR | Direct-Drive Product Lines

VHF Sales, Inc.

AVD3 Series

The MacroAir AVD3 is a three-blade, direct-drive HVLS fan designed to deliver efficient air circulation in commercial and industrial spaces. Its streamlined construction and variable-speed operation make it a practical solution for facilities seeking dependable airflow and straightforward operation.

Key Highlights

- Energy-efficient direct-drive motor
- Three-blade design
- Forward and reverse operation
- Variable-speed control
- Digital wall controller with fault code access
- Universal mounting for suitable ceiling structures and I-beams
- Coverage up to 17,000 sq. ft. per fan
- Available in 8-24' Diameter



AVD5 Series

The MacroAir AVD5 combines direct-drive technology with a five-blade design to provide effective air circulation across large commercial and industrial spaces. With multiple diameters and digital control capabilities, the AVD5 offers a versatile balance of airflow performance, efficiency, and installation flexibility.

Key Highlights

- Five-blade design
- Digital wall controller
- Variable-speed operation
- Multiple mounting options
- Direct-drive motor technology
- Coverage up to 20,350 sq. ft. per fan
- 15-year mechanical and 10-year electrical warranty
- Available in 8-24' Diameter



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Source: MacroAir | macroairfans.com

MACROAIR | Direct-Drive Product Lines

VHF Sales, Inc.

AVDX Series

The MacroAir AVDX is a high-performance direct-drive HVLS fan engineered for demanding commercial and industrial environments. Its six-blade design provides broad airflow coverage, while digital controls and available integration options support precise operation in large facilities.

Key Highlights

- High-performance direct-drive motor
- Six-blade design
- Variable-speed operation
- Digital wall controller
- Building management integration options
- Coverage up to 22,000 sq. ft. per fan
- 15-year mechanical and 10-year electrical warranty
- Available in 8-24' Diameter



AVD370 Series

The MacroAir AVD370 is a compact direct-drive HVLS fan designed for commercial spaces where a smaller fan diameter is preferred. Its efficient motor technology and six-blade design make it suitable for facilities requiring broad air movement without the footprint of a larger industrial fan.

Key Highlights

- Compact direct-drive motor
- Six-blade design
- Digital wall controller
- Variable-speed operation
- Coverage up to 4,000 sq. ft. per fan
- 10-year mechanical and 5-year electrical warranty
- Available in 6-12' Diameter



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MACROAIR | Gear-Drive Product Lines

VHF Sales, Inc.

AirLegacy Series

The MacroAir AirLegacy is a gear-drive HVLS fan designed to deliver dependable airflow for commercial and industrial applications. With a broad range of fan diameters and straightforward analog controls, AirLegacy provides a practical solution for facilities seeking effective air circulation and long-term performance.

Key Highlights

- Gear-drive motor technology
- Six-blade design
- Analog wall controller
- Variable-speed airflow control
- Coverage up to 20,000 sq. ft. per fan
- 15-year mechanical and 5-year electrical warranty
- Available in 8-24' Diameter



AirLite Series

The MacroAir AirLite is an economical gear-drive HVLS fan designed for smaller commercial and industrial applications. With a simplified control arrangement and compact size options, AirLite provides an accessible solution for improving air movement in facilities with moderate coverage requirements.

Key Highlights

- Gear-drive motor
- Six-blade design
- Analog VFD controller
- Variable-speed operation
- Coverage up to 8,000 sq. ft. per fan
- Two-year repair-or-replace warranty
- Available in 8-14' Diameter



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MACROAIR | Gear-Drive Product Lines

AirVolution Series

The MacroAir AirVolution is an industrial gear-drive HVLS fan designed for demanding applications requiring reliable airflow across large spaces. Its integrated gearmotor and robust construction support continuous air circulation in warehouses, manufacturing facilities, and other high-volume environments.



Key Highlights

- Integrated gear-drive motor
- Six-blade design
- Forward and reverse operation
- Variable-speed control
- Available fire alarm integration
- Universal mounting system
- Coverage up to 20,000 sq. ft. per fan
- 15-year mechanical and 7-year electrical warranty
- Available in 8-24' Diameter

Why Choose MacroAir?

MacroAir has been involved in the development of HVLS fan technology since 1998 and continues to offer engineered airflow solutions for commercial and industrial environments. With direct-drive and gear-drive options, multiple fan sizes, and a broad selection of control capabilities, MacroAir provides flexibility for projects with varying airflow requirements and budgets.

VHF Sales represents MacroAir fans and can assist with product selection, sizing considerations, and finding the right airflow solution for your facility.
Contact VHF Sales to discuss your commercial or industrial air circulation needs.

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