



HIGH-PERFORMANCE DISC VACUUM FILTERS FOR DEMANDING FILTRATION NEEDS



EFFICIENT, HIGH-VOLUME DEWATERING RESULTS.

CONTINUOUS OPERATION, HIGH FILTRATION EFFICIENCY, HIGH THROUGHPUT.

Cleanova's NFM[®] Disc Vacuum Filter (DVF) delivers:

- Continuous filtration
- High production rates for thickening or solids concentrating requirements
- Low cake moisture
- Large filtration areas - up to 3,300 ft²
- Suitable for fast settling, high density, abrasive slurries
- Lower cost of ownership



Large filtration areas, up to 3300 ft²



Designed for dewatering fast settling, very high density, abrasive slurries

ENGINEERED DVF SOLUTIONS

Cleanova Micronics leads the way in advanced vacuum filtration solutions.

We specialize in industry-leading filter media, technical field service, in-house laboratory services, and replacement parts for vacuum filtration systems. Our team is dedicated to keeping your equipment running efficiently and maximizing up-time.

INDUSTRIES SERVED

- Alumina
- Mining and Mineral Processing
- Power Generation
- Steel Manufacturing
- Wastewater



Efficient disc sector and center barrel design to maximize the hydraulic throughput & achieve low cake moisture



Direct drive agitator for lower cost of ownership

ENGINEERING CAPABILITIES

- Registered Professional Engineers
- Mechanical, Electrical, and Process Design
- Custom Capabilities
- 3D CAD and Inventor Modeling
- Finite Element Analysis (FEA) Simulation
- Prototyping

FIELD TECHNICAL SERVICE

- Project Management
- Turn-Key Installation
- Equipment Commissioning
- Operator, Maintenance and Safety Training
- Mechanical Inspections
- Performance Audits
- On Site Remanufacturing
- Laboratory and Pilot Scale Testing

MANUFACTURING CAPABILITIES

- ASME Certified Welders and Millwrights
- X-Ray, Penetrant, Helium/Pressure Testing
- Quality Control Inspection of Incoming Materials, Components and Final Assembly
- Hot Vulcanizing Roll and Pulley Rubber Coverings
- Manufacturing of rubber drainage belts
- Non-union



Direct drive agitator for lower cost of ownership



High throughput center barrel is designed for ease of maintenance



Efficient disc sector design to maximize the hydraulic throughput and achieve low cake moisture

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Improving operating efficiencies,
protecting the environment,
contributing to sustainability,
and ensuring a cleaner tomorrow

At Cleanova Micronics, we take pride in our legacy of strong, trusted filtration brands providing Pressure Filtration, Vacuum Filtration, and Air Pollution Control/Baghouse Solutions.

We are problem solvers. We provide personal attention to address each company's filtration challenges, goals, and objectives. We are committed to building strong, long-term partnerships with our customers and earning their trust each and every day.

Whether with filter media, advanced filtration equipment, maintenance and service, or spare parts, our team of filtration experts is committed to our customers' success.