

STANDARD FEATURES & OPTIONS

Standard Features for Unimaster:

- Electronic Controller
- Convenient Push-Button Controls
- Energy Efficient Motor Starter
- Integral Shaker Motor
- Factory Installed One-Piece Filter Bags
- Integral Fan and Motor
- Acoustic Diffuser – Silencer (UMA 450 & 750)

Equipment Options for Unimaster:

- Anti-static Filter Bags
- Variety of Bag Media
- Acoustic Diffuser – Silencer (UMA 40 – 250)
- Magnehelic* Gauge
- Explosion Vents
- Weatherhood (Weatherbend)
- Inlet Locations

* Magnehelic is a registered trademark of Dwyer Instruments, Inc.

COMPLETE INDUSTRIAL FILTRATION SOLUTIONS

Total Project Management

From initial contact to final installation and commissioning, Donaldson can design and manage a solution engineered to meet your application requirements.

Largest Range

Donaldson has the world's largest range of dust, fume and mist collectors and the most complete line of filter media from which to select the best system to suit your application.

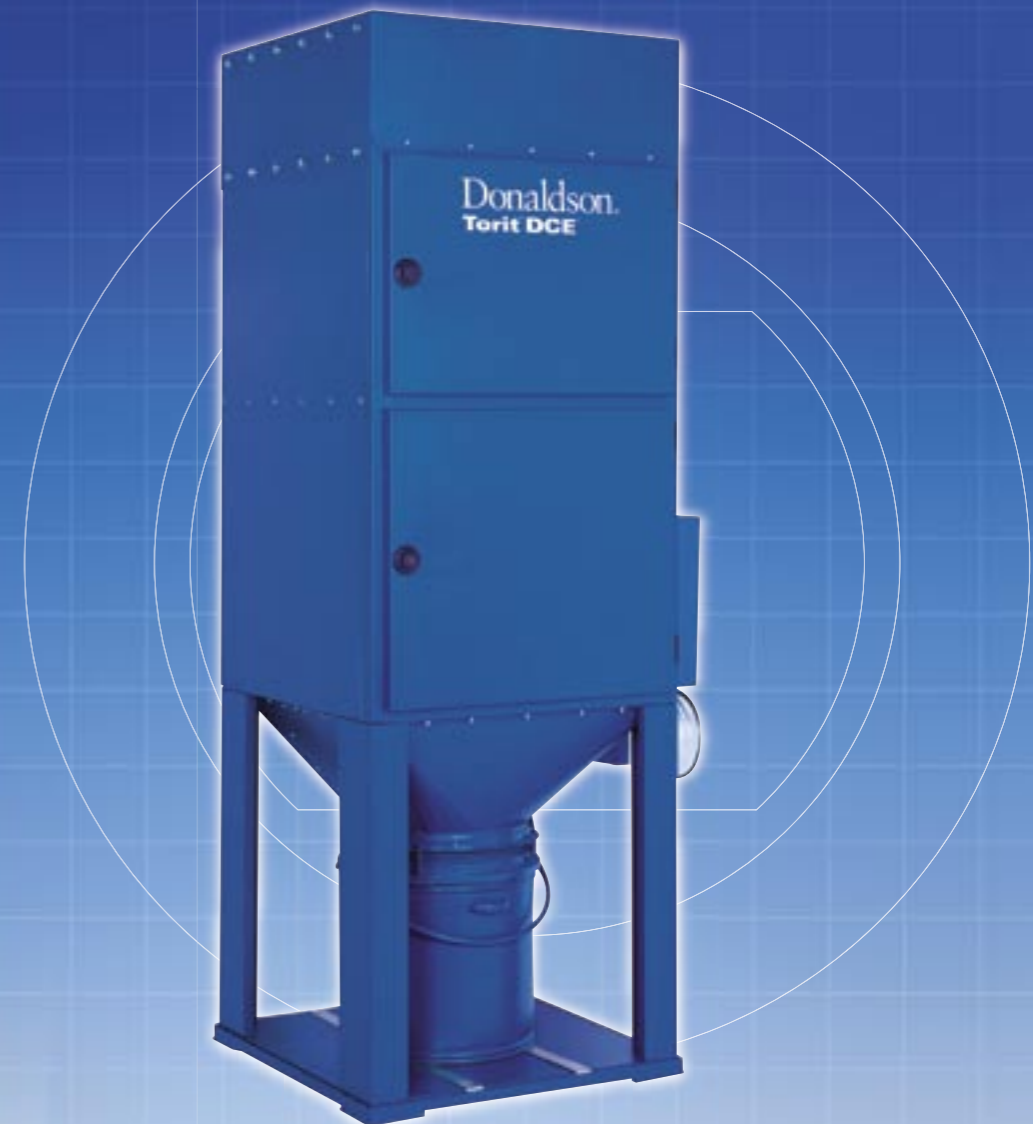
Aftermarket Sales and Service

Donaldson offers a comprehensive service program complete with spares and aftermarket filters to ensure the smooth, reliable and continuous operation of your installation.

UNIMASTER® DUST COLLECTORS



Over 40 Years of Proven Performance



Engine Filtration
Products



Compressed Air
Purification



Gas Turbine
Filtration



PTFE Membrane
Technologies



Hydraulic
Filtration



Dust, Fume & Mist
Collection

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Donaldson®
Filtration Solutions

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UNIMASTER® DUST COLLECTORS

40 Years
Of Proven Performance



Typical Unimaster Applications:

- Drilling
- Cutting
- Mixing
- Food Packing
- Grinding
- Polishing
- Abrasive Blast
- Shot Blast
- Transfer Points
- Weighing

Filtration Engineered for Performance

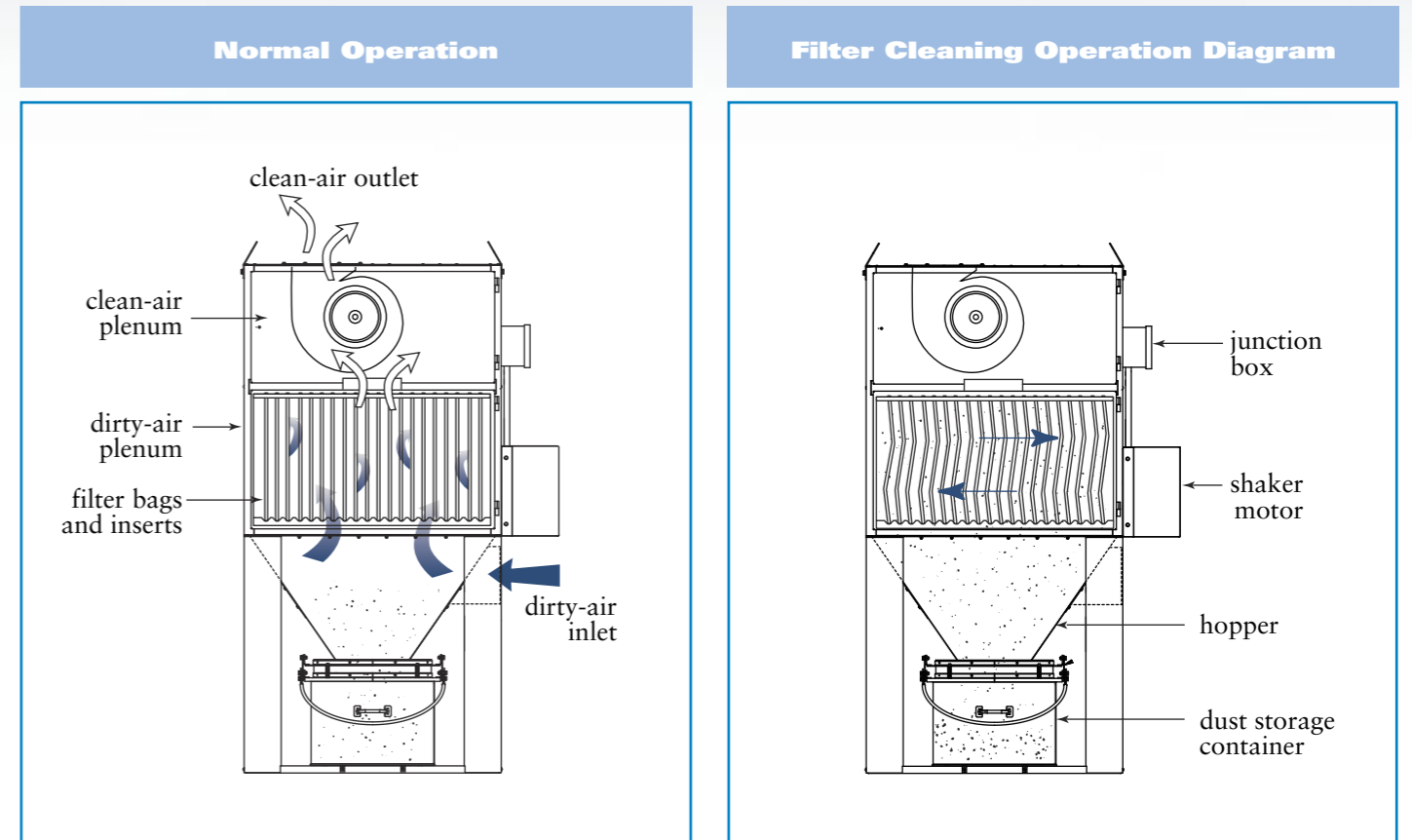
The Unimaster® Dust Collector from Donaldson is designed to maximise dust collection and the life of the collector components for years of extended service. With its compact design, quiet operation and significant worldwide circulation, Donaldson's Unimaster has been an industry success for over forty years. Yet, Donaldson is continually improving the Unimaster to ensure that it provides efficient, trouble-free service.

A self contained collector with everything needed to begin collecting dust, the Unimaster comes complete with fan and fan motor, automatic shaker and shaker motor, and system controller making installation quick and easy. Since the automatic shaker cleans the filter bags, there is no need for expensive compressed air. Ideal for intermittent operations in plant processes, the Unimaster can be used as a central system or at the point of dust generation.

Unimaster Offers:

- **Lower Operating & Energy Costs:** The unit operates only when needed and filtered air can be easily returned to the workspace
- **Compact Design:** Minimises floor space and fits in virtually any plant layout
- **Versatility:** Three configurations to suit a variety of dust collection applications
- **Broad Range:** Offering maximum air handling capacity in a compact design, the Unimaster offers filtration media area from 40 to 750 square feet
- **Quiet & Efficient Operation:** To minimise noise the motors and fan are enclosed within the collector housing
- **Easy Maintenance:** Units can be serviced individually without affecting the entire plant

Unimaster Operation



Unimaster Innovation

- **Perforated Inlet Deflector** knocks down larger particles into the hopper reducing bag abrasion and increasing filter bag life
- **Heavy-Duty Flexible Metal Inserts** keep the filter bags open to maximise airflow and assist knocking dust off during the cleaning cycle
- **Quick-Release Lever** allows for easy removal and maintenance of bin

Perforated Inlet Deflector



Heavy-Duty Flexible Metal Inserts



Quick-Release Lever

