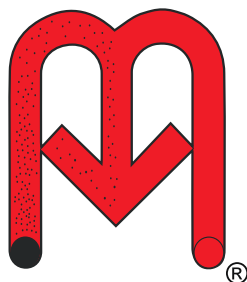


N.R. **MURPHY** LTD.
CAMBRIDGE - OXFORD

CATALOGUE

**Dust Collection
Experts since 1943**



N.R. MURPHY LTD.

DUST COLLECTORS

Overview

N.R. Murphy Limited is dedicated to building the highest quality air pollution control equipment. Featuring satin coated galvanized steel, zinc coated hardware, and filters that capture 99.9% of 1 micron sized particles, our products stand the test of time. Our collectors also come preassembled to help save on installation time and quality control. Our biggest competitor is our own used equipment.



See More!



N.R. MURPHY LTD.
DUST COLLECTORS



1974 model still
in use in 2020

New 2020 model
in 2020





FB Series

N.R. Murphy Ltd.'s FB Series dust collectors offers a cylindrical design, with tube style filters and mechanical shaker style cleaning. This series integrates a cyclonic component for greater separation of large dust particles.



See More!



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FBMW Dust Collector

With capacities from 1,144 to 3,250 cfm the FBMW is ideally suited for small shops. This dust collector is available in two sizes, 9" and 10", each with several different types of storage arrangements. Suitable for interior or exterior locations (subject to local codes) the FBMW is designed for light or intermittent dust loads.



FBA Dust Collector

The FBA dust collector is ideally suited for medium sized industries and has capacities from 2,500 to 8,200 cfm. Available with drum or hopper storage it can also be fitted with a rotary air lock for continuous discharge into a dumpster bin. The FBA style dust collector is suitable for medium or intermittent dust loads and is available in a variety of filter medias.



FBP Dust Collector

The FBP dust collector is designed to handle your toughest problems. With capacities from 3,900 to 35,000 cfm this dust collector can handle heavy dust loads and for years has been one of our most popular models. Material is continuously discharged through a rotary air lock to support large volumes. Options for a screw conveyor and transfer fan are also available.



MK Series

N.R. Murphy Ltd.'s MK Series dust collectors offer a square or rectangular design with tube style filters and mechanical shaker type cleaning. The MK Series maximizes the airflow to filter media ratio for efficient dust collection in a compact design across multiple industries.



See More!



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MKOB Dust Collector

This open bag unit is perfect for small shops that require a high quality dust collector. Also effective as an addition to an existing system. Flexible to meet most regulations allowing the unit to sit inside the building. Available in a wide variety of filter diameters, and options for drums, or self-dumping hopper bin.



MKA Dust Collector

This compact dust collector is available in drum storage, dumpster bin or with a hopper bottom for continuous discharge through a rotary air lock. With 3 different diameters of filter bags, to suit a variety of materials, the MKA is perhaps our most flexible dust collector in terms of design and capacities for small and medium size facilities.



MKF Dust Collector

The MKF dust collector is very rugged, reliable and is available in a variety of sizes to suit all operations and waste volumes. The 5 1/2" diameter filters used in this shaker style dust collector allow easy release of the collected material while the rectangular design maximizes filter area. A variety of storage or material discharge options are available.





HE Series

N.R. Murphy Ltd.'s HE series provides a continuous duty, automatic self cleaning filtration system for companies with no production downtime to ensure maximum productivity. Run 24 hours a day, 7 days a week for no hassle dust collection.



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DUST COLLECTORS



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HEC Dust Collector

The HEC dust collector is a continuous duty, automatic self cleaning dust collector that can operate 24/7 making it an ideal solution for manufacturing operations that run multiple shifts and seldom shut down. Using compressed air to clean the filters on a continuous basis ensures a consistent pressure drop across the filter tubes and allows a more uniform flow through the ductwork. This dust collector is available with a variety of storage and discharge arrangements.



HEC Bin Vent

The HEC bin vent is a continuous cleaning filter system to help release pressure buildup in storage silos and bins during their loading cycle. This bin vent utilizes the same compressed air technology to continuously clean the filters of debris and back into their storage silos.





C Series

N.R. Murphy Ltd.'s C Series dust collectors utilize cartridge style filters, in both a manual clean, or continuous duty self-cleaning filtration. This series is ideal for low dust load application of smoke, fumes, or fine dust particles.



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CMT Dust Collector

The CMT series is available with either open or enclosed cartridge filters. This dust collector is a compact inexpensive cartridge dust collector and is ideally suited for free flowing fine dust. The collectors are available with a variety of options such as hopper discharge, casters for portability and the enclosed model has a mechanical rapper for filter cleaning.



CP Dust Collector

This dust collector uses compressed air to continuously clean the cartridges allowing for uninterrupted duty. A variety of filter material options are available and is dependant on the physical properties of the material being collected. This style of dust collector is extremely flexible in its design and allows for a variety of material disposal options. The types of industries that typically use this style of dust collector include Pharmaceutical, Mining, Powder Paint, and the Food Industry.





Other Series

N.R. Murphy Ltd. produces a wide variety of dust collectors that can fit any application, environment and budget. The equipment can be used to increase the scale and efficiency of a current system or be the beginning of a new one.



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DUST COLLECTORS



See More!

Cyclones

Cyclones can be used as stand alone air material separators or in conjunction with a dust collector. They can also be used as primary separators to provide classification or sizing of material. Available in a wide range of sizes, and fabricated with a variety of materials.



MRX Dust Collector

The MRX is an economical portable dust collector that is available in 5" and 7" sizes to handle one or more machines located in close proximity to the dust collector. The MRX is available in a 2 bag or a 4 bag arrangement which provides for a better air to cloth ratio.

This compact, lightweight dust collector is built with heavy duty casters and low profile for a very portable unit.

Downdraft Workbenches

The downdraft workbench is the perfect addition to any existing dust collection system. Fully customized to work around any requirements, these add-on pieces help clear debris from your workspace.



Exhauster Fans

Available in a range of sizes and capacities with several wheel designs and fan arrangements available to suit your application. We carry an extensive list of fan accessories and offer optional construction for heavy abrasive materials and spark resistance. All fans are digitally balanced to ensure perfect operation.

Accessories

N.R. Murphy Ltd. manufactures and distributes a wide variety of dust collection accessories and components to upgrade or supplement your current system. Ask us about upgrading your system to meet NFPA compliancy.



See More!



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Abort Dampers

The N.R. Murphy Ltd. abort damper, when installed in the clean air stream of a filtering system, is an instant aborting device which expels the air into the atmosphere when activated by a properly installed spark or fire detection system.



Duct Silencer

N.R. Murphy Ltd. manufactures dust silencers in a wide variety of sizes in circular or rectangular designs to help reduce noise in your ducting & return air.

Rotary Airlocks

These heavy gauge all welded construction airlocks feature a 6 blade rotor and comes with replaceable one piece full pocket double wiper neoprene seals and a removeable side plate. Ask about our NFPA approved selection!



Inlet Blowback Damper & No Return Valves

This part is available standalone or fitted with safety limit switches to force shutdown in the event of an explosion. Available in our basic version or in our ATEX certified versions.

Many Other Accessories!

- Filter Bags
- Cartridge Filters
- 2 Way Diverters
- Fire Dampers
- Explosion Relief Vents
- Angle Rings
- Blast Gates
- Elbows
- Spiraled Duct
- Floor Sweep
- Ball Joints
- Cleanout Doors

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More Experience
More Quality
More Value

