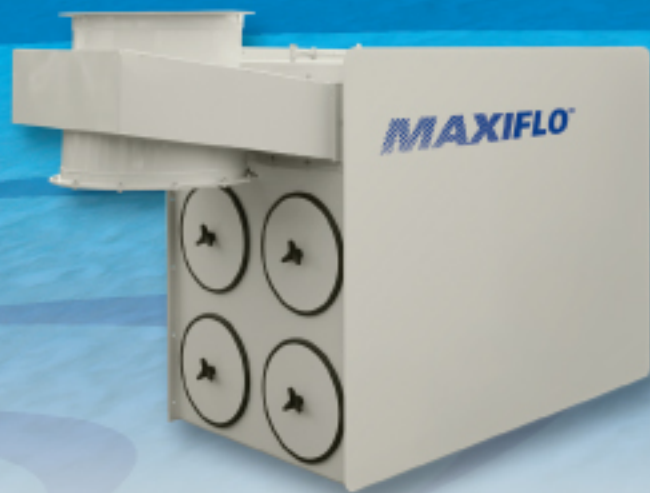


THE QUEST FOR AIR QUALITY



DUST COLLECTORS AND CAPTURE EQUIPMENT



DUST
COLLECTING
SYSTEMS

Superior technology generating substantial operating savings



A Leading-Edge, High-Performance Company

The AQC Dust Collecting Systems division of the firm Aireau Qualité Contrôle was established in 1992. The division manufactures a full range of safe, industrial dust collectors, as well as dust and smoke capture equipment at the leading edge of air pollution control technologies based on more than 30 years' experience in the field.

AQC offers only the highest quality products. In addition to being robust, durable and safe, products are further enhanced with advanced technology and outstanding technical support, generating considerable added value for customers. These many advantages explain why AQC is a supplier to major industries, such as pharmaceutical plants, wood transformation, rubber & chemical, steel, vocational schools, laboratories, etc... Moreover, hundreds of AQC products are currently operating in companies of all sizes across North America.



AQC's strength

lies in its innovative products designed and developed to generate substantial savings throughout their entire operating life.

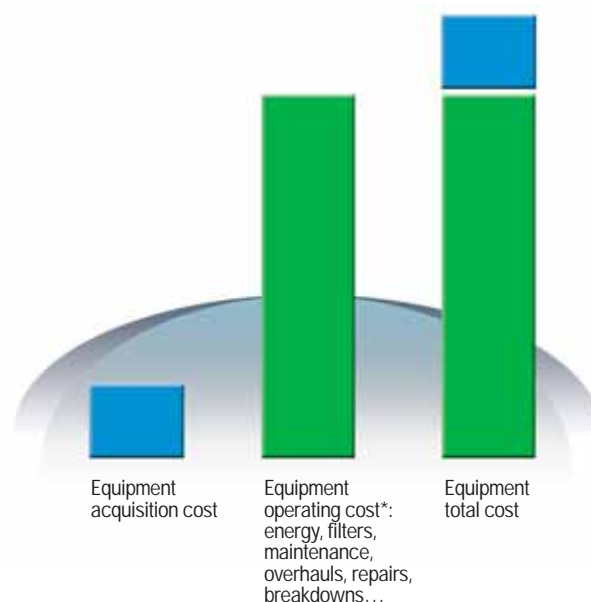
AQC is renowned for its technological innovation, safe and sophisticated equipment design, as well as its robust and precise product manufacturing. For example, the unique design of the baffles inside AQC dust collectors makes filter cleaning easy. The AQC cartridge holder design provides maximum filter surface and enhanced filter performance. The ultra-smooth concept inside AQC fume arms makes them maintenance-free. In short, AQC equipment is designed and built to generate substantial operating savings in terms of time, money and energy. This translates to major reductions in operating costs – from 10 to 20% – throughout the equipment's service life. This scale of savings can represent a significant portion of the equipment's total purchase price. Companies looking to maximize their profitability should factor in these savings when purchasing equipment.



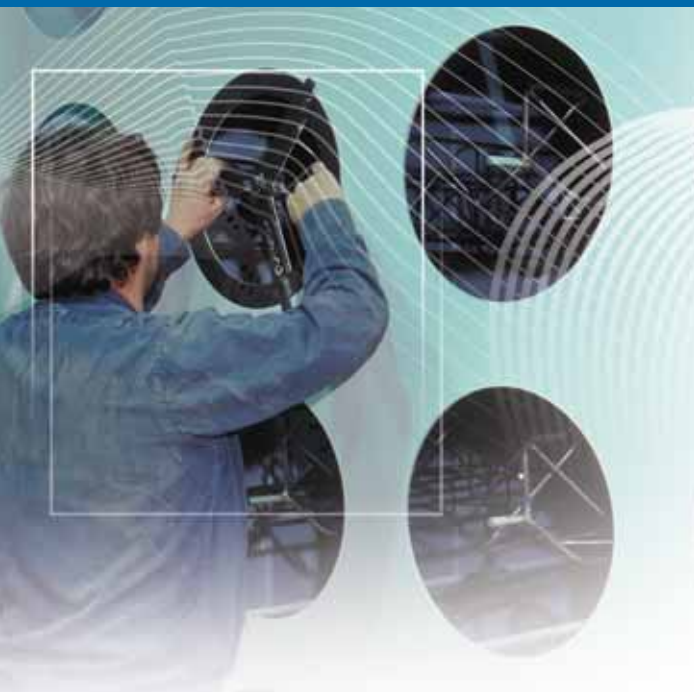
The unique design and manufacturing of AQC equipment generates significant savings for various reasons:

- > Substantial increase in the duration of filters.
- > Lower energy consumption during years of use.
- > Significantly less maintenance (easy to clean, robust manufacturing, a minimum number of more reliable and durable parts).
- > Reduced operating costs (less frequent overhauls, lack of or minimum down time, etc.).
- > Lower administrative costs (coordination, follow-ups, supervision) due to much less frequent breakdowns.
- > Safe design can prevent serious or even fatal accidents.
- > Increased comfort and productivity of personnel.

Typical acquisition and operating dust collection equipment costs



The acquisition cost is just one part of the equation. It's the total cost including the operation cost ***throughout the life cycle of the equipment** that must be kept low. This is what AQC delivers. The advanced technology, design, robustness, durability and safety of AQC products generate major savings during the equipment's entire life cycle.



Strength of the Technical Team – An Invaluable Asset for Customers

Using the latest tools and software, AQC's well-educated and highly trained engineers and technicians have an in-depth understanding of dust collection and fume arm equipment and its applications. Customers benefit from expert advice and recommendations on the optimal use, application and installation within a specific operating context for each type of equipment.

AQC specialists are experienced and know their field inside out. They can provide professional assistance to engineers' customers with information on the most recent air pollution control technologies. They can also solve complex problems, avoid costly errors, simplify the engineers' work and illustrate the business rationale behind AQC products that ensures the success of customers' projects.

The more complex the problem, the more AQC is qualified to help find the most efficient and cost-effective solutions.

AQC pollution control experts help contractors and customers understand all aspects of a project, obtain the right information and offer specialized advice to get the details right, avoid unpleasant surprises, minimize risks and ensure that the solution and product selected are a success both in terms of their installation and operation.

AQC offers significant added value with its unique combination of high-tech equipment and a highly specialized technical team that listens to customers' needs and problems.

This philosophy generates the most innovative and productive solutions, leading to substantial savings in time, energy and money for customers.

Strengths of AQC Manufacturing

AQC is an expert in computer-aided manufacturing, machining and assembly techniques, as well as quality control. Its products attain very high quality, precision and performance levels, which lead to higher productivity rates, enhanced price-quality ratios, reduced energy consumption, and considerably lower sound levels.

Unlike most of its competitors, AQC's flexible manufacturing system enables it to readily customize most products at a reasonable cost and adapt them to the specific needs of customers and their operating environment. The wide variety of AQC products ensures that customers obtain a machine that is truly designed for a specific application – not one that requires that the application be adapted to the machine. This is yet another way that customers can increase their performance and save on operating costs, while enhancing the well-being and productivity of their employees.

Given the danger of explosion inherent in the operation of any dust collector, AQC can integrate the necessary safety components into the design and manufacturing of equipment to save and protect lives.

Strength of AQC Service

At AQC, the customer comes first – from the personal and courteous welcome through to the prompt and efficient after-sales service. AQC is genuinely attuned to its customers, tries to make life easier for them, and simplifies their work by offering the following benefits:

Specialized Consulting Services

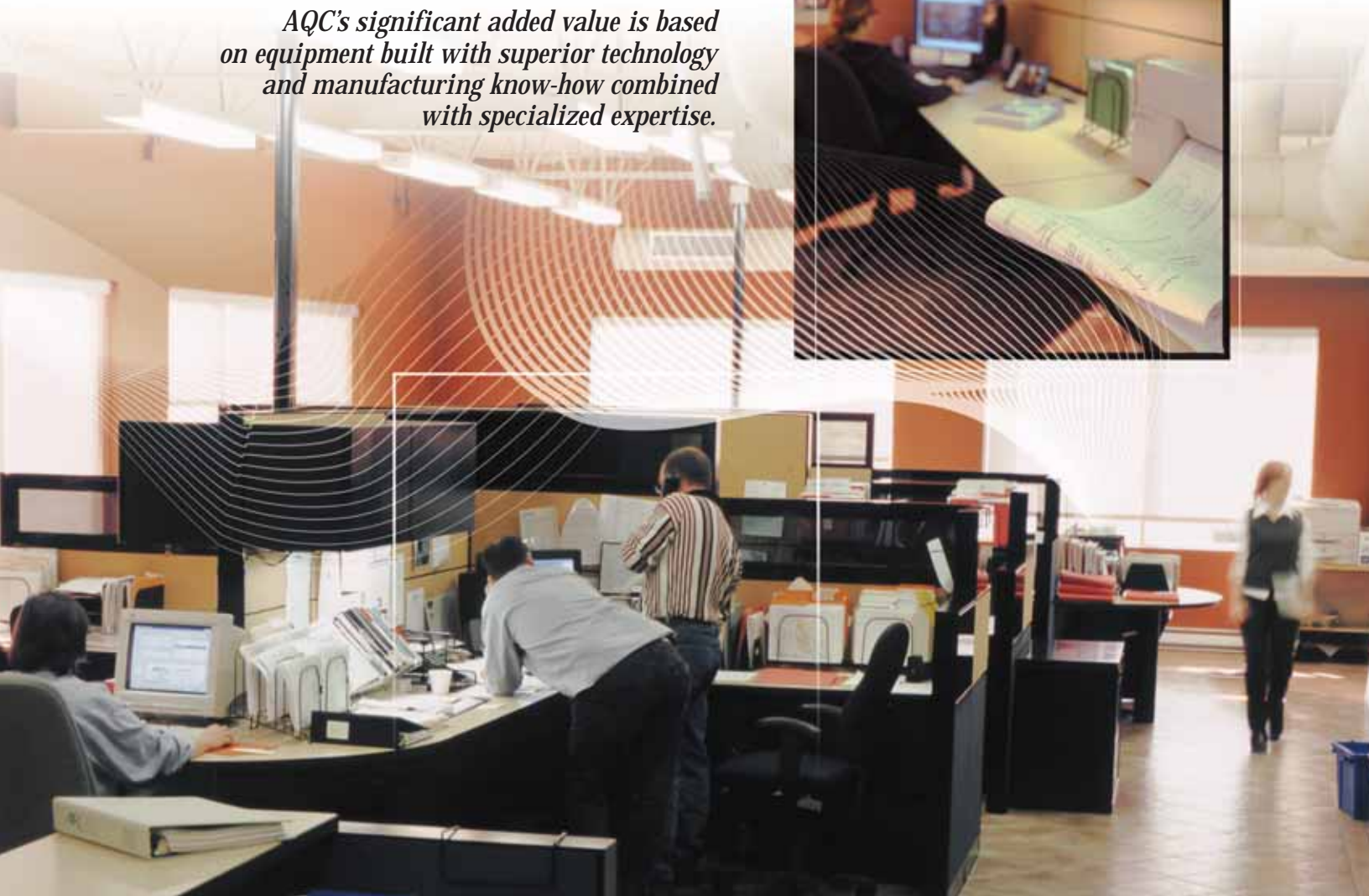
Because AQC is highly specialized, experienced and has acquired in-depth knowledge in its field, the company offers expert recommendations and valuable input for consulting engineers and industry professionals, in addition to major time and money savings for the customer.

An Excellent Warranty to Match AQC's High-Quality Equipment

AQC offers one of the best and most extended warranties in the industry as proof of the superior technological advancement, design and manufacturing of its products.

AQC's limited warranty provides coverage for up to 3 years.

AQC's significant added value is based on equipment built with superior technology and manufacturing know-how combined with specialized expertise.



High-Productivity Innovating Products

The AQC Division offers a full range of robust dust collection and source capture equipment at the leading edge of technology with an efficient and functional design, developed to provide significant operating savings through the equipment's entire life cycle.

AQC Dust Collectors

MAXIFLO

Safe, high-performance, modular downflow collector with cartridge.

The design of the Maxiflo dust collector is unique and highly advanced. Its baffles separate particles and direct them evenly toward each filter inlet, maximizing use and thereby generating substantial savings.

This procedure, which was developed by AQC's Department of Applied Research, provides superior filter-cleaning efficiency, prevents the clogging of filter surfaces and considerably extends their service life, resulting in savings throughout the Maxiflo dust collector's entire useful life.

In addition, the unique design of Maxiflo cartridge holders maximizes the useful filter surface, which helps save on filters.

The R&D Department at AQC also developed a pulsing system that cleans the entire surface from one end of the cartridge to the other, thereby restoring full filter capacity.

The Maxiflo filtration system ensures optimal equipment operation by keeping the air/filter ratio constant, which extends the service life of filters by up to 50%. Depending on the application, this can lead to an overall decrease of 10% to 20% in equipment operating costs.

Installation Savings

Compared to traditional dust collectors, the Maxiflo downflow collector generates substantial savings on installation. Since equipment is almost completely pre-assembled in the plant, installation time is reduced to a minimum.



Easy Cleaning

Only Maxiflo offers a large number of storage hoppers for rapid dust disposal. Dust can be collected in hoppers and barrels, trays or portable tanks.

Extremely Safe

Dust collection equipment can sometimes trigger explosions that are powerful enough to destroy entire buildings and cause death. Maxiflo is safe, because the explosion vents assembled at the plant are selected according to the NFPA standard for each type of application.



MAXITUBE

Baghouse with automatic air jet cleaning for filtration of high-concentration dust

Maxitube is a space-saving dust collector with a high filtration capacity. Its unique MPH3 pulsing system is equipped with an injector that regulates and evenly distributes the powerful compressed air jet. The system produces an alternating shock wave in the filter rows, thereby enhancing filtration performance.

Maxitube is compact and economical. It requires very little maintenance and operating costs are low, because it uses very little high-priced compressed air.

MAXIVIBE

Shaker-type dust collector with bags for small applications

The system cleans the entire surface without having to use compressed air. Bags are shaken manually or automatically from top to bottom. Maxivibe provides highly efficient filtration at low cost.

The economical bags are long-lasting.

In addition to its robust construction, durability and easy maintenance, Maxivibe is extra safe and the easiest dust collector to install in the market.





MAXIROLL

Compact and portable air filtration unit

The portable, practical and multi-purpose (welding, sanding, dust collection...) Maxiroll is designed to serve several workstations quickly and efficiently, which makes it an economical filtration and pollution control unit.

Maxiroll's standard features include:

- > A highly advanced system with three filtration stages:
 - 99.9% efficient main filter cartridge
 - Safe spark trap aluminum filter
 - Charcoal after filter
- > Self-cleaning system by manually activated air pulse.
- > Easy maintenance (no tools required).
- > Very low noise levels due to the insulated construction.
- > Equipped with a highly efficient and easy-to-operate Maxair fume arm.
- > Its compact design enables it to go through any standard door.
- > Durable construction in robust steel.
- > Long-lasting polyester filter cartridge 110 volt operation (far superior to cellulose (paper) filters).

MAXAIR

Articulated fume extractor arm

- > Maxair fume arms are ideal for a whole range of capture applications: smoke, steam, dust and welding.
- > Highly functional design facilitates fume arm handling and ease of movement.
- > All supports and articulation joints are outside of the fume arm. The inside is smooth, without any obstacles that could reduce airflow, accumulate deposits and increase internal friction, which consume energy unnecessarily.
- > External supports and articulation joints are readily accessible, easy to adjust and require no maintenance.
- > Air diverter in hood significantly increases dust and smoke capture velocity.
- > The unique design of the robust and durable central pivot made of steel makes 360° rotation easy.
- > The Maxair steel tube fume arm is far more spark resistant than constructions with a flexible tube.
- > All Maxair arms are delivered pre-assembled and adjusted, ready for rapid installation and operation.



MAXICART

High-capacity portable filtration unit

- > Very high airflow rate.
- > Can be used with two Maxair fume arms.

Maxicart standard features include:

- > A highly advanced system with three filtration stages:
 - 99.9% efficient main filter cartridge
 - Safe spark trap aluminum filter
 - Charcoal after filter
- > Starter available in different voltages.
- > Self-cleaning system by manually activated air pulse.
- > Easy maintenance (no tools required).
- > Very low noise levels due to the insulated construction.

- > Durable construction in robust steel.
- > Easy to move due to its large swivel-locking casters.
- > Long-lasting polyester filter cartridge (far superior to cellulose (paper) filters).
- > Readily accessible and easy-to-remove collector tray.



MAXIREACH

Extension boom

- > Increases the reach of Maxair fume arms by up to 100%.
- > Covers a larger work area.
- > With Maxireach, a single fume arm can do the work of more than two arms.
- > All supports and articulation joints are outside of the fume arm. The inside is smooth, without any obstacles that could reduce airflow, accumulate deposits and increase internal friction, which consume energy unnecessarily.
- > The functional design and robust construction of the Maxireach extension boom is further enhanced by solid wall support in heavy-gauge steel on a ball-bearing assembly for maximum ease of movement.
- > The double-pivot model enables a whole range of applications that can substantially improve productivity.
- > The smooth inside tube and minimal use of flexible tubing increases the capture power.
- > The configuration of double-pivot joints provides coverage for all angles and the entire work surface easily without any dead spots.
- > The Maxireach extension boom is simple and easy to install.

MAXIRAIL

Ceiling or wall-mounted exhaust ducting system on a rail

- > Efficiently and economically serves a large work area.
- > Easy installation on the ceiling or wall to free up maximum workspace.
- > Unlimited range.
- > Highly functional design requiring very little maintenance. The wheels running on ball bearings located outside the trolley do not reduce the internal airflow, build up dust or debris. The inside remains smooth and clean for maximum performance.
- > Suitable for a whole range of uses and applications (smoke, dust, welding, etc.)



MAXIREEL

Practical reel and flexible tube vehicle exhaust system

- > Wall or ceiling-mounted installation saves floor space and time when in use.
- > Manual spring-operated reel with ratchet lock and retraction mechanism, or motor-driven reel with radio remote control.
- > Dual spring to accommodate up to 42' of tube.
- > Hoses available in several diameters and for high temperatures.
- > An unlimited number of reels can be installed.
- > Other possible applications: extraction of polluted air or gas in tanks...



MAXIBENCH

Independent workbench with suction and filtration system

- > Safe downflow source capture.
- > Suction option through back wall.
- > Robust construction in painted enamel galvanized steel.
- > Several sizes available.
- > Integrated fan option.
- > Self-cleaning by air pulse option.

- > Articulated fume arm option.
- > Very low noise levels.
- > Different work surfaces available (rubber, plastic...).
- > Easy-to-empty dust collector trays.
- > Multiple applications: welding, sanding, grinding, smoke...



MAXITOP

Central and compact ceiling-mounted air filtration unit

- > Duct-free central filtration unit.
- > Enables maximum use of floor space.
- > Very high filtration capacity (99.9%).
- > Equipped with an electronically programmed automatic self-cleaning air pulse system.
- > Provides maximum suction radius range.
- > Operates with ambient air intake or with one or two articulated Maxair fume arms for source capture.
- > Equipped with safe sparkproof baffles.
- > Wide selection of airflow rates based on requirements.
- > Modifications available on request for workstation applications.
- > Easy-to-empty dust collector trays.

MAXIDRIVE

Wide range of high-performance industrial fans

- > High suction capacity.
- > Direct drive 3,500 rpm motor fan assembly without pulleys, belts or any adjustments required.
- > Choice of flow rate and pressure.
- > Fans designed for smoke and small/medium-sized dust particles.
- > Backward-inclined impellers for maximum flow and pressure.
- > Safe, sparkproof tires.
- > Robust construction in heavy-gauge steel for maximum durability.
- > Explosion-proof motors also available.







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