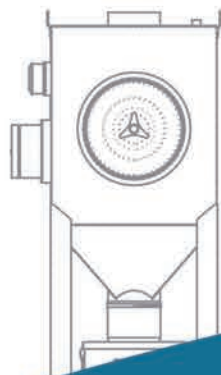
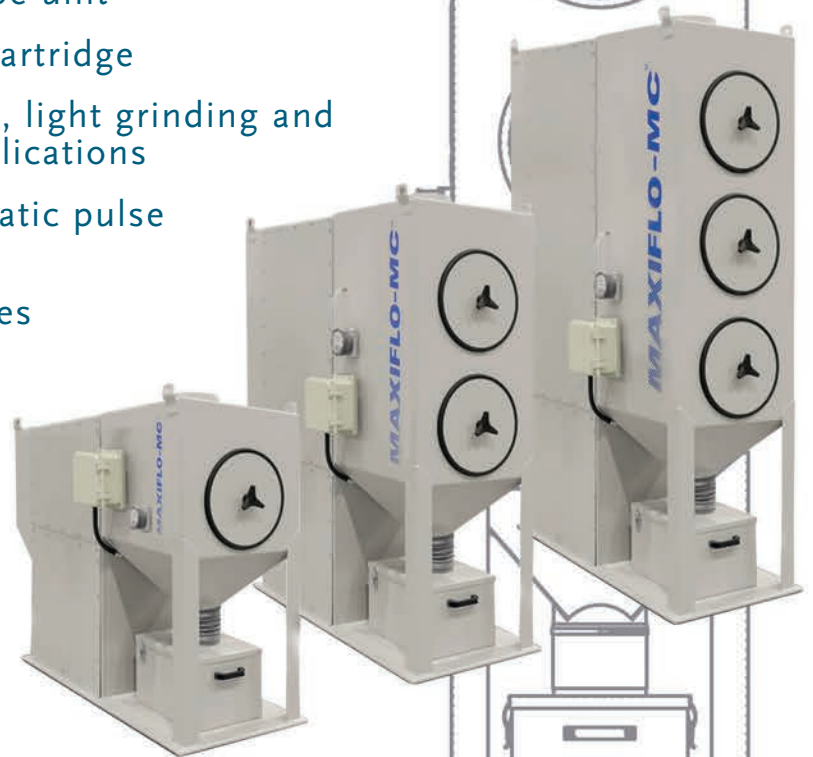


MAXIFLO-MC™

AQC DUST COLLECTING SYSTEMS

STAND ALONE PLEATED CARTRIDGE DUST COLLECTOR

- Plug and play type unit
- High efficiency cartridge
- Ideal for welding, light grinding and general dust applications
- Complete automatic pulse cleaning system
- 1, 2 or 3 cartridges configuration
- Air volume from 600 to 2200 CFM



*Superior technology generating
substantial operating savings*



MAXIFLO-MC™

High-Productivity Innovative Products

Stand alone high efficiency cartridge collector

cartridge collectors are designed for a wide range of particle filtration. Using the same technology as the regular and larger MAXIFLO units, the MAXIFLO-MC has the advantage of being installed quickly and easily. Shipped fully assembled and taking very little footprint, the unit can be in service rapidly. The quiet motor-fan assembly with anti-spark polyamide backward inclined impeller allows great air volume and medium to high static pressures. The integrated control panel ensures constant and reliable cleaning of the cartridges by air pulse. Efficiency of cartridges may allow recirculation of filtered air into the premises (some restrictions apply). Maintenance is a snap by only emptying the dust storage bin. Safety features such as NFPA explosion relief venting doors or sprinklers may be added to the unit.



A Leading-Edge, High-Performance Company

The AQC Dust Collecting Systems 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's strength lies in its innovative products designed and developed to generate substantial savings throughout their entire operating life.

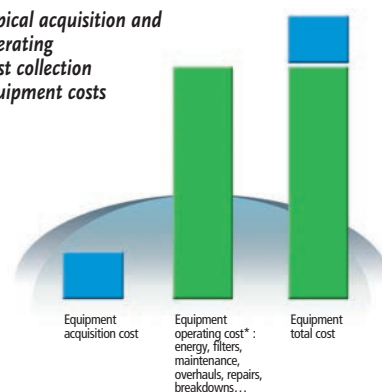
AQC is renowned for its technological innovation, safe and sophisticated equipment design, as well as its robust and precise product manufacturing. For example, the unique design of the baffles inside AQC dust collectors makes filter cleaning easy. The AQC cartridge holder design provides maximum filter 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

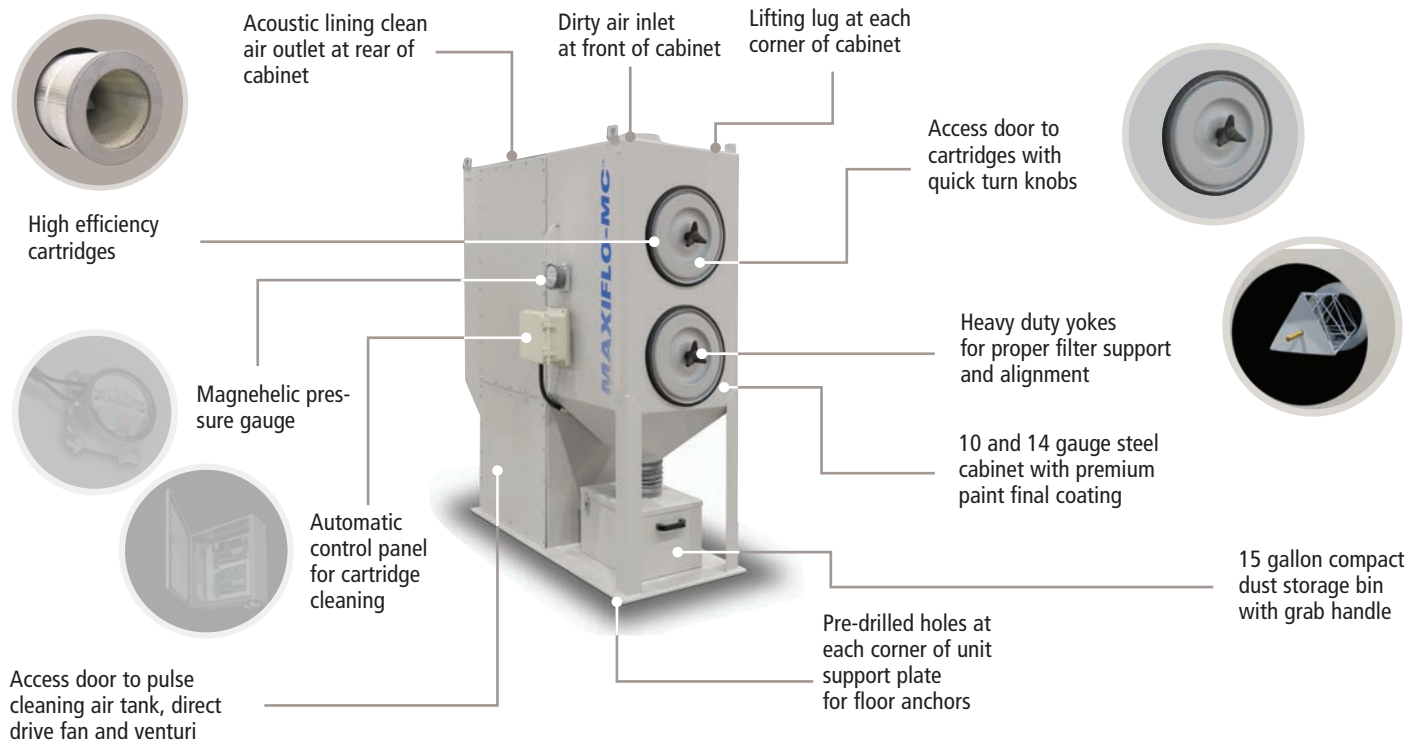


The acquisition cost is just one part of the equation. It's the total cost including the operating cost ***throughout the life cycle of the equipment** that must be kept low. This is what AQC delivers. The advanced technology, design, robustness, durability and safety of AQC products generate major savings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

MAXIFLO-MC DOWNFLOW HORIZONTAL CARTRIDGE COLLECTORS

- Ideal for welding fumes and fine grinding dusts
- Self cleaning with automatic reverse air pulse
- Minimal footprint
- Compact dust storage bin
- Robust painted steel cabinet
- Plug and play type unit

OUTSTANDING MAXIFLO-MC FEATURES



General information

MODEL	# OF CARTRIDGES	FILTRATION SURFACE SQ.FT. / SQ.MT	MAX. AIR VOLUME CFM / LS	MAX. HP / KW	MOTOR RPM	WEIGHT LB / KG	AIR PRESSURE REQUIRED (PULSE CLEANING)
DMC-01	1	260 / 24	600 / 285	1.50 / 1.10	1750 / 3500 (as per static pressure required)	870 / 370	60-80 PSI
DMC-02	2	520 / 48	1450 / 685	1.5-2.00 / 1.10-1.5		1080 / 490	
DMC-03	3	780 / 72	2200 / 1040	3.00-5.00 / 2.25-3.75		1210 / 550	
DMC-04	4	1040 / 96	4400 / 1370	3.00-5.00 / 2.25-3.75		1210 / 550	
DMC-06	6	1560 / 144	4400 / 2080	5.00-10.00 / 3.75		1400 / 635	

Motor voltages note: fan motors are available in all standard voltages. Contact your representative for specifications.

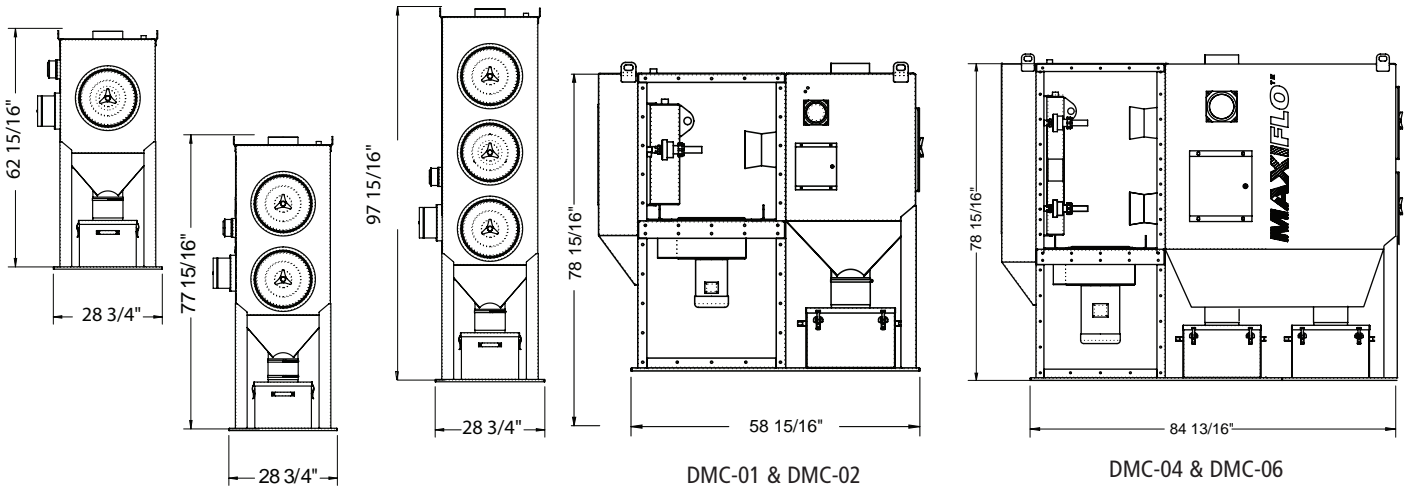
Cartridge efficiency :

- 130 sq. ft. polyester : U.S. & G 99.93 @ 0.2 / 2.0 microns
- 130 sq. ft. polyester anti-static : U.S. & G 99.93 @ 0.2 / 2.0 microns
- 130 sq. ft. polyester tandem : U.S. & G 99.93 @ 0.2 / 2.0 microns (40% more dust holding capacity)
- 260 sq. ft. regular cellulose : U.S. & G 99.5 @ 0.2 / 2.0 microns
- 260 sq. ft. nanofiber : MERV 15 as ASHRAE 52.2
- 260 sq. ft. fire retardant : U.S. & G 99.5 or MERV 15

Note on explosion venting panels : a minimum clearance of 25' (8 meters) free of obstacles, pedestrian walkway, building walls, trees or bushes is required to allow dispersion of possible blast. Contact factory for details.

Note: installation must be made according to local building codes and regulations.

DIMENSIONS



CREATE YOUR MAXIFLO-MC FILTRATION UNIT SPECIFICATION

1. Unit should include :

10 and 14 gauge epoxy painted with primer steel cabinet, high efficiency cellulose cartridges, 260 sq. ft., access doors to cartridges, heavy duty support yokes for cartridges, venturis for proper cartridge pulse cleaning, dust deflector above first cartridge, Magnehelic gauge, dust hopper and dust storage bin with grab handle, flexible hose connection from hopper to dust bin, electronic control panel with adjustable timer for pulse cleaning in NEMA 4 enclosure, TEFC motor with acoustical plenum, 1" NPT compressed air connection, top inlet and outlet lift lugs, painted steel support structure with pre-drilled holes for floor anchoring seismic zone 4, bolted access door to direct drive fan / motor assembly, anti-spark polyamide backward inclined impeller.

2. Model to be :

- a) DMC-01 (260 sq. ft. of filtration surface)
- b) DMC-02 (520 sq. ft. of filtration surface)
- c) DMC-03 (780 sq. ft. of filtration surface)
- d) DMC-04 (1040 sq. ft. of filtration surface)
- e) DMC-05 (1560 sq. ft. of filtration surface)

3. Voltage to be :

- 115 / 1 / 60 230 / 1 / 60 208 / 3 / 60
- 460 / 3 / 60 575 / 3 / 60

4. Standard cellulose cartridges to be substituted for :

- a) Fire retardant cellulose cartridges (260 sq. ft. each)
- b) Nanofiber cartridges (260 sq. ft. each)
- c) Polyester cartridges (130 sq. ft. each)
- d) Anti-static polyester cartridges (130 sq. ft. each)
- e) Tandem polyester cartridges with evenly spaced V pleats (130 sq. ft. each)

5. Unit to be equipped with :

- a) NFPA explosion relief vent
- b) Sprinkler head
- c) Magnetic starter with overload protection

**6. Cleaning to be substituted for :
Standard adjustable timer for cartridge cleaning to be substituted for :**

- Magnetic starter with overload protection

Note : specifications listed above may be modified to suit application. Contact A.Q.C. or representative for information.

Your A.Q.C. representative is :

To obtain a free copy of our full-colour corporate brochure, please call : 1-866-629-4356



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