

# **CAM-AIRO™**



**Cartridge  
Collector**



Unique Design & Engineering  
Approaches for Dust Collection  
and Pneumatic Conveying



**CAMCORP's CAM-AIRO™** is uniquely engineered to solve nearly all dry dust and fume collection challenges. The vertical design of the **CAM-AIRO™** cartridge collector optimizes virtually 100% of the filter media area, unlike horizontal designs that can sacrifice nearly 30% of the filter media area over time.

The **CAM-AIRO™** is fabricated in welded sub-assemblies, flanged and externally reinforced. A significant departure from competing modular designs that are internally reinforced resulting in excessive and problematic horizontal ledges that can obstruct airflow, retain dust and cause bridging.

Cartridges are conveniently accessed from outside the collector through hinged side-access doors.



## Standard Features

- *Heavy-duty construction rated at +/- 25" W.C.*
- *Vertical cartridge configuration sheds dusts and enhances filter life.*
- *Efficient compressed air self-cleaning system features unique, diverging multi-orifice nozzles, ensuring uniform cleaning of filters from top to bottom.*
- *High entry cross/downward air flow inlet promotes even distribution.*
- *Multiple inlet/outlet locations are available minimizing ductwork requirements.*
- *Hinged, lockable side-access doors eliminate confined space entry permit.*
- *Tool-free cartridge installation/removal is quick and easy.*
- *On-demand timer/controller (in a NEMA 4 enclosure) saves compressed air.*
- *Flanged and match-marked welded sub-assemblies reduce set-up time and minimize installation costs.*



## Options and Accessories

- *Wide selection of filtration medias*
- *Nylon pre-filter overbags*
- *Explosion venting*
- *Sprinkler kits*
- *Abrasion resistant inlets*
- *Trough or custom hoppers*
- *Hopper access doors*
- *Structural supports*
- *Platforms and ladders*
- *Screw conveyors*
- *Rotary valves*
- *Slide gates/drum cover kits*
- *Dust bin with drawers*
- *Fans, dampers and silencers*
- *Alternative timer/controllers*
- *Photohelic or Magnehelic gauges*
- *Motor starters/electrical control panels*
- *NEMA 7 / 9 electricals*
- *Solenoid heaters/thermostats*
- *Thermocouples*
- *Flow monitors*
- *Pressure transducers*
- *Emissions monitors*
- *Dust level probes*
- *Higher pressure/vacuum ratings*
- *Stainless steel construction*

| Model Number | No. of Filters | "Standard" Filter Area (Sq.Ft.) | "Poly-EI" Filter Area (Sq.Ft.) |
|--------------|----------------|---------------------------------|--------------------------------|
| CA2          | 2              | 650                             | 490                            |
| CA4          | 4              | 1300                            | 980                            |
| CA6          | 6              | 1950                            | 1470                           |
| CA8          | 8              | 2600                            | 1960                           |
| CA10         | 10             | 3250                            | 2450                           |
| CA12         | 12             | 3900                            | 2940                           |
| CA16         | 16             | 5200                            | 3920                           |
| CA18         | 18             | 5850                            | 4410                           |
| CA20         | 20             | 6500                            | 4900                           |
| CA24         | 24             | 7800                            | 5880                           |
| CA30         | 30             | 9750                            | 7350                           |
| CA32         | 32             | 10400                           | 7840                           |
| CA36         | 36             | 11700                           | 8820                           |
| CA40         | 40             | 13000                           | 9800                           |
| CA48         | 48             | 15600                           | 11760                          |
| CA50         | 50             | 16250                           | 12250                          |
| CA56         | 56             | 18200                           | 13720                          |
| CA60         | 60             | 19500                           | 14700                          |
| CA64         | 64             | 20800                           | 15680                          |
| CA70         | 70             | 22750                           | 17150                          |
| CA72         | 72             | 23400                           | 17640                          |
| CA80         | 80             | 26000                           | 19600                          |
| CA84         | 84             | 27300                           | 20580                          |
| CA90         | 90             | 29250                           | 22050                          |
| CA96         | 96             | 31200                           | 23520                          |
| CA100        | 100            | 32500                           | 24500                          |
| CA108        | 108            | 35100                           | 26460                          |
| CA120        | 120            | 39000                           | 29400                          |

## Advanced Cartridge Filter Medias

### 325 Sq. Ft. Media Area Cartridges

- Standard 80/20 Cellulose/Polyester Blend
- Standard 80/20 Blend with (FR) Fire-Retardant Treatment
- Standard Cellulose Blend with Nano-Fiber
- Standard Cellulose Blend with Nano-Fiber and FR Treatment
- Standard 80/20 Blend with Carbon Impregnation for Static Dissipation

### 245 Sq. Ft. Media Area Cartridges

- Poly-EI (SBP) Spun-Bond Polyester
- Poly-EI SBP with Aluminized Finish for Static Dissipation
- Poly-EI SBP with Oleophobic Treatment for Moisture Resistance
- Poly-EI SBP with PTFE Membrane for High Efficiency



[WWW.CAMCORPINC.COM](http://WWW.CAMCORPINC.COM)



9732 Pflumm Road  
Lenexa, KS 66215

Phone: 913-831-0740

Fax: 913-831-9271

E-mail: [info@camcorpinc.com](mailto:info@camcorpinc.com)