

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



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