



**U.S.
Air Filtration, Inc.**



Clearing the Air for a Cleaner Environment

AIRFLO
CARTRIDGE
COLLECTOR

U.S. AirFlo Cartridge Collector

A Value Priced Cartridge Collector With Exceptional Velocity

The U.S. AirFlo cartridge dust collector provides economical, reliable, high efficiency filtration in a compact size. Quality construction and simple design ensure long-term, trouble-free operation, superb fit and finish.

Benefits

- Cartridges are quickly and easily serviced from outside the collector; no confined space entry permit, respirator, etc. needed.
- Modular panelized design allows easy capacity increases. Multiple units share common hoppers and minimize clean air ducting.
- Compact design saves space and is adaptable to height and footprint restrictions.

Variety of Filter Media

A wide variety of media and constructions are available, including:

- Cellulose/polyester blend (standard)
- Nano fiber technology
- Spunbond polyester
- Aluminized spunbond
- Spunbond w/PTFE
- Aramid

Cartridges are market standard size (13.84" dia. X 26" long), containing 254 ft² of media area for most media and applications.

SPECIFICATIONS

MODEL	FILTER AREA	# CARTRIDGES	AIRFLOW RANGE	# INLETS	# HOPPERS	# VALVES	HEIGHT	WIDTH	DEPTH	12 Ga. WGHT	10 Ga. WGHT
1DCP-2	508	2	250 - 1,600	1	1	2	114	40	52	905	1,095
2DCP-4	1,016	4	500 - 3,200	1	1	4	132	40	52	1,005	1,225
2DCP-8	2,032	8	1,500 - 6,350	1	1	4	142	40	78	1,585	1,930
2DCP-12	3,048	12	1,500 - 9,500	1	1	6	150	60	78	2,410	2,930
2DCP-24	6,096	24	4,000 - 18,950	3	3	12	142	120	78	4,300	5,220
3DCP-6	1,524	6	800 - 4,750	1	1	6	150	40	52	1,105	1,355
3DCP-12	3,048	12	1,550 - 9,500	1	1	6	160	40	78	1,855	2,260
3DCP-18	4,572	18	2,300 - 14,200	1	1	9	167	60	78	2,565	3,125
3DCP-24	6,096	24	3,100 - 18,950	2	2	12	160	80	78	2,465	3,005
3DCP-36	9,144	36	4,600 - 28,400	3	3	18	160	120	78	3,075	3,750
3DCP-48	12,192	48	6,150 - 37,850	4	4	24	160	160	78	3,685	4,495
3DCP-54	13,716	54	6,900 - 42,550	3	3	27	167	180	78	4,880	5,995
4DCP-16	4,064	16	2,050 - 12,650	1	1	8	178	40	78	2,200	2,700
4DCP-32	8,128	32	4,100 - 25,250	2	2	16	178	80	78	4,150	3,595
4DCP-48	12,192	48	6,150 - 37,850	3	3	24	178	120	78	6,105	6,005
4DCP-64	16,256	64	8,150 - 50,400	4	4	32	178	160	78	8,050	7,495
4DCP-80	20,320	80	10,200 - 63,000	5	5	40	178	200	78	9,995	9,605
4DCP-96	24,384	96	12,200 - 75,600	6	6	48	178	240	78	11,705	12,010



Applications

USAF dust collectors are suitable for many applications from fumes and nuisance dust to product recovery. Typical markets served include:

- Industrial processing
- Metalworking
- Pharmaceutical
- Pharmaceutical
- Woodworking
- Powder Paint (ES paint)
- Laser & Plasma cutting
- Gas Turbine
- Food
- Cement
- Shot Black
- Carbon Black
- Fumes
- Foundry
- Welding
- Etc.

Standard Features

- Mild steel all-welded construction with all surfaces primer coated and acrylic finish exterior.
- Ledge-free 60° hopper
- Damper pack
- Cellulose/polyester blend 80/20 cartridges
- Limited 10-year housing warranty
- Timer with enclosure

Options

- Stainless steel construction
- High temperature construction
- Direct drive fans
- Silencers
- Abrasion resistant inlet
- Air management modules
- Extended dirty air plenum
- 5 Step sloped hopper
- 2-Module hopper
- Explosion vents
- Sprinkler system
- Service platform & ladder
- Lined clear air plenum / silencing foam
- Bag-in bag-out construction
- HEPA after filter
- Custom color/coatings
- Rotary valves / screw conveyors
- Slide gates & drum cover? air?
- Indoor / outdoor ?
- Solenoid enclosure (NEMA 7.9)
- Epoxy paint
- Increased & reduced leg height

Unequalled Support & Service With Unparalleled Quality

Our Mission

U.S. Air Filtration was established in 1987 to serve the needs of industries requiring air pollution control systems. We intend to be your single-source supplier for all your dust collection equipment, parts, and filters. We pride ourselves in our ability to bring true quality and savings to our customers, helping them run their businesses more efficiently. Our relationships with our current customers stands as a testimony to this focus in our organization.

Our Services

We manufacture and supply a full line of dust collectors, filters, and replacement parts; and keep most items in our warehouse for immediate shipment and delivery. All components are manufactured under the tightest guidelines ensuring years of uninterrupted service.

- Dust Collectors • Baghouses • Filter Bags
- Cartridge Filters • Engineering
- Installation • Inspections



Corporate Office / Western Branch Sales

Parts Sales: 1-888-221-0312
42065 Zevo Drive, Suite 12
Temecula, CA 92590
Corporate Phone: 951-491-7282
Toll Free: 888-221-0312 Fax: 951-491-7282
E-mail: www.usairfiltration.com

Midwest / Eastern Branch Sales

Engineering Office
System & Equipment Sales
Turnkey Installations / Engineering

Contact: Scott Pitts. VP Equipment Sales/Engineering
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