

AMTECH_{LC} ATC CYCLONE DUST COLLECTORS



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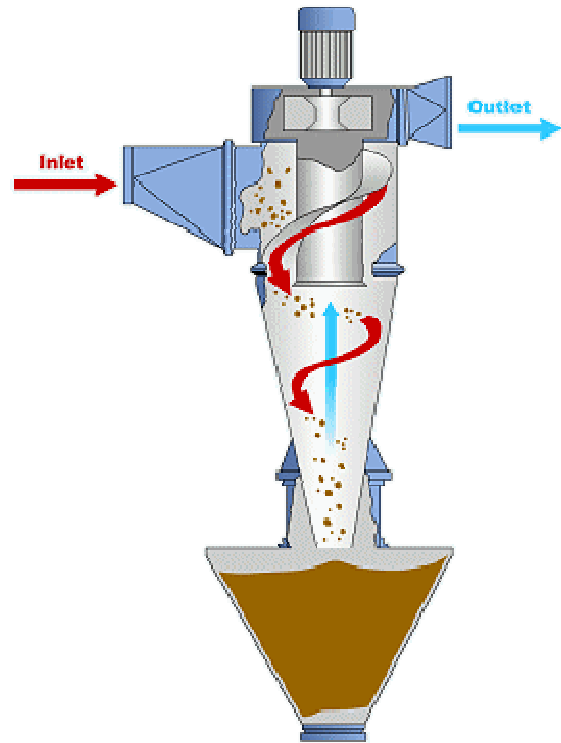
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The Power in Dust Control

The ATC Cyclone Separators are among the most efficient and cost-effective dust collectors available. ATC Cyclones are offered in capacities from 800 CFM to 13,000 CFM and efficiently remove moderate to large sized particles from the airstream. Fans are self-cleaning, material handling, radial blades designed to deliver peak airflow while the low horsepower conserves energy.

The centrifugal action of the Cyclone, created by rapid rotation of the high velocity air stream, forcibly precipitates the dust out through the bottom of the Cyclone and into a collection drum or hopper for the specific application. Standard dust storage capacities vary from 7.5 cu. feet to 40 cu. feet, with special hopper configurations available. All models can be housed indoors or outdoors



Options

- Afterfilter assemblies
- Access doors
- Sprinkler heads
- Increased hopper clearance
- Explosion venting
- Non-sparking aluminum fan wheels
- Rotary air locks
- Silencers

Common Applications

- Woodworking
- Buffing and polishing
- Powders (material handling)
- Rubber grinding
- Abrasive cutting
- Metal grinding
- Pre-cleaning (cartridge/baghouses)

Features	Benefits
Heavy-duty construction	Long collector life
Tapered Cone design	High constant efficiency for large particulates.
No internal moving parts	Reduced maintenance
Various sizes and configurations	Wide range of capacities to meet application requirements.
Radial blade material handling fan	Delivers peak airflow with the lowest horsepower
Small footprint	Saves valuable floor space

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ATC CYCLONE UNIT SPECIFICATIONS

Model	CFM	STD Inlet	STD Outlet	Motor TEFC (HP)
ATC-162	800-1,200	6"	8"	2
ATC-203	1,250-2,000	8"	10"	3
ATC-205	1,500-2,250	8"	10"	5
ATC-247	2,000-3,500	10"	12"	7.5
ATC-2410	2,500-4,000	10"	12"	10
ATC-3010	3,000-4,500	12"	14"	10
ATC-3015	4,000-5,500	12"	14"	15
ATC-3620	4,500-7,000	14"	16"	20
ATC-3625	4,500-7,500	14"	16"	25
ATC-4030	5,000-8,000	16"	18"	30
ATC-4040	5,000-9,000	16"	18"	40
ATC-4440	8,000-11,500	18"	20"	40
ATC-4450	8,000-13,000	18"	20"	50



AFTERFILTER SPECIFICATIONS

Standard felt polyester afterfilters can be direct-mounted to the Cyclone or remotely installed with connecting ductwork. Filters are connected to plenum with hose clamps. Other media filters are available, as well as optional foam-lined inlet plenums for sound attenuation.

Afterfilter Model	Length	Width	No. of Filters	Filter Length	Filter Area (sq. ft.)	Used With Cyclone Models	  Model AT-AF4
AT-AF4	56"	34"	4	72"	72	ATC-162, -203, -205	
AT-AF6	69"	34"	6	72"	108	ATC-247, -2410	
AT-AF9	80"	47"	9	72"	162	ATC-247, -2410	
AT-AF12	93"	47"	12	72"	218	ATC-3010, -3015	
AT-AF18	130"	47"	18	72"	324	ATC-3620, -3625	
AT-AF24	156"	47"	24	72"	432	ATC-4030, -4040	
AT-AF27	178"	47"	27	72"	486	ATC-4030, -4040, -4440, -4450	
AT-AF36	229"	47"	36	72"	648	ATC-4440, -4450	

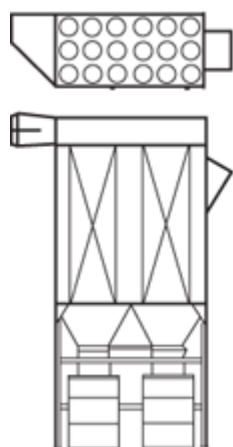
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AFTERFILTER E-W SPECIFICATIONS

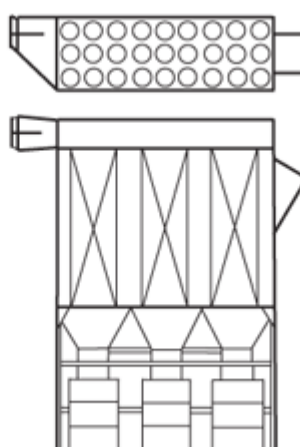
Housed felt polyester assembled afterfilter is connected to the Cyclone with ductwork. Other media filters are available. Standard options are weather enclosures, sprinkler heads and foam-lined inlet plenums for sound attenuation.

Enclosed After filter Model	Length	Width	Height	No. of Filters	Filter Area (sq. ft.)	Hopper Discharge	Used With Cyclone Models
ATAF-4E / W	55"	42"	144"	4	72	(1) 10"	ATC-162, -203,-205
ATAF-6E / W	69"	42"	156"	6	108	(1) 10"	ATC-247,-2410
ATAF-9E / W	80"	55"	156"	9	162	(1) 10"	ATC-247, -2410
ATAF-12E / W	93"	55"	167"	12	218	(1) 10"	ATC-3010, -3015
ATAF-18E / W	130"	55"	156"	18	324	(2) 10"	ATC-3620, -3625
ATAF-24E / W	156"	55"	167"	24	432	(2) 10"	ATC-4030, -4040
ATAF-27E / W	178"	55"	156"	27	486	(3) 10"	ATC-4030, -4040, -4440, -4450
ATAF-36E / W	229"	55"	156"	36	648	(3) 10"	ATC-4440, -4450

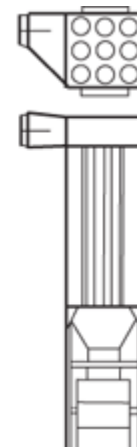
Notes:
(E) After filter housings are designed for indoor use only.
(W) After filter housings are designed for outdoor installations.



Model ATAF-18W



Model ATAF-27W



Model ATAF-9E

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