

AGET

CAPTURE IT. FILTER IT. BREATHE IT.

FH Series After-Filters



Model FH58-4D shown above

AGET FILTERKOP shaker-type filter units are designed to improve air quality and provide a safer work environment by removing fine dust particles from high volume exhaust airstreams. Often used after cyclones, FILTERKOP after-filters remove fine dust that passes through the cyclone. This process yields clean environmentally safe air which can be recirculated back into the work area, where allowed. Woven fabric filter material provides an extremely high filtration efficiency, and is intermittently reconditioned by the motorized filter shaker mechanism. FILTERKOP after-filters are commonly used in situations where high air volumes and heavy dust loads exist. The modular design allows for multiple assemblies to be combined to maximize filtration in high volume industrial operations.

STANDARD FEATURES

- High efficiency woven fabric filter material
- Standard 5" diameter cotton sateen filter tubes
- Positive sealing snap-ring cuff filter tubes
- Standard motorized shaker mechanism
- Component bolt-together design and construction
- Supporting structural steel base frame
- Weather resistant powder coated finish
- Heavy duty industrial grade construction
- Compatible with both pull-through and push-through configurations
- Access door and interior aisle for easy maintenance and filter change-out
- Standard 3-year warranty on filter tubes with purchased unit and completed application review



**FILTERKOP
STOPS DUST**

Capacity range: 1500 – 30000 CFM (CFM dictated by dust)

Common applications: Woodworking, metalworking, plastics, pharmaceuticals, powdered chemicals, and food product processing

Standard Specifications

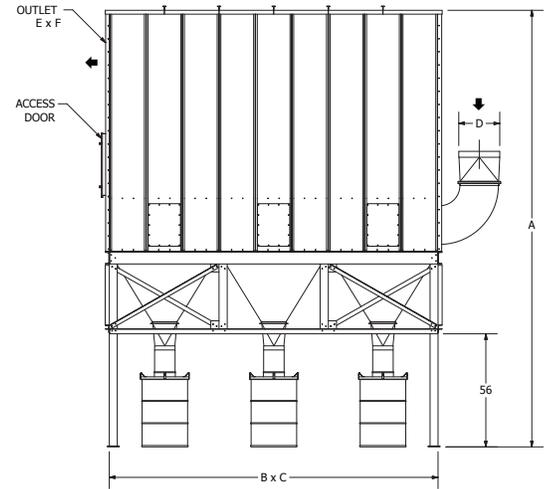
MODEL	FILTER TUBES	FILTER AREA	SHAKER(S) HP	CFM RANGE	DUST HOPPER STORAGE CAPACITY	SHIPPING WEIGHT
FH58-1	80	700 sq. ft.	one 1/2	1500 - 5000	30 cu. ft.	2700 lbs.
FH58-2	160	1400 sq. ft.	one 1/2	3000 - 10000	60 cu. ft.	4067 lbs.
FH58-3	240	2100 sq. ft.	one 3/4	4500 - 14000	90 cu. ft.	5700 lbs.
FH58-4	320	2800 sq. ft.	two 1/2	6000 - 17000	120 cu. ft.	6845 lbs.
FH58-5	400	3500 sq. ft.	one 3/4 , one 1/2	7500 - 20000	150 cu. ft.	9170 lbs.
FH58-6	480	4200 sq. ft.	two 3/4	8500 - 23000	180 cu. ft.	10500 lbs.
FH58-7	560	4900 sq. ft.	one 3/4, two 1/2	10000 - 27000	210 cu. ft.	12125 lbs.
FH58-8	640	5600 sq. ft.	four 1/2	12000 - 30000	240 cu. ft.	13226 lbs.

Model FH58 Series continued

Standard Dimensions

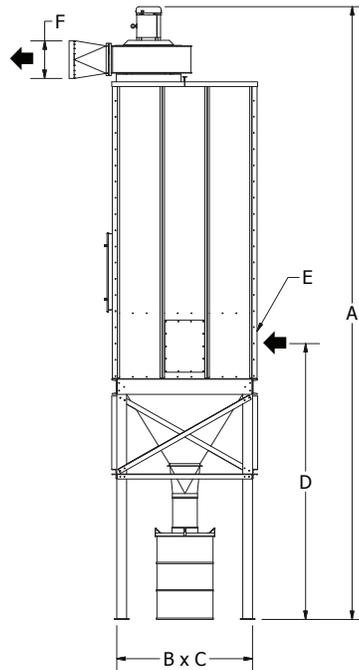
Model	A	B	C	D	E	F
FH58-1	18' 2"	4' 6 1/2"	7' 1/4"	18", 20"	20"	30"
FH58-2	18' 2"	9' 2 1/2"	7' 1/4"	18", 20" A	20"	30"
FH58-3	18' 2"	13' 8 1/2"	7' 1/4"	18", 20" A	20"	30"
FH58-4	18' 2"	18' 2 1/2"	7' 1/4"	Two 19" x 19" A	20"	36"
FH58-5	18' 2"	22' 6 1/2"	7' 1/4"	Two 19" x 19" A	20"	48"
FH58-6	18' 2"	27' 1/2"	7' 1/4"	Two 19" x 19" A	20"	48"
FH58-7	18' 2"	31' 6 1/2"	7' 1/4"	Two 19" x 19" A	20"	48"
FH58-8	18' 2"	36' 1/2"	7' 1/4"	Two 19" x 19" A	20"	48"

A High CFM applications require special inlet and outlet arrangements.



Model FH58-3D shown above

FH58-1D factory assembly available, larger models require jobsite assembly by others.



FH58S Series

AGET FILTERKOP FH58S Pull-Through Series shaker-type fan-filter units are designed with a top mounted direct drive exhauster to draw contaminated air into the after-filter for removal of fine particles. The FH58S Series has been developed for use in applications where light to moderate dust volumes are present. The top mounted exhauster includes a cast aluminum alloy, spark-resistant fan and heavy gauge steel welded housing. The exhauster is equipped with a TEFC continuous-duty industrial motor for superior performance in tough conditions.

All standard features for the FH58S Series are the same as the FH58 Series.

FH58S-1D factory assembly available, larger models require jobsite assembly by others.

Standard Dimensions

MODEL	A	B	C	D	E	F
FH58S-1	20' 8"	4' 6 1/2"	7' 1/4"	9' 1 1/2"	8" - 16"	10" - 17"
FH58S-2	20' 8"	9' 2 1/2"	7' 1/4"	9' 1 1/2"	8" - 16"	10" - 17"
FH58S-3	20' 8"	13' 8 1/2"	7' 1/4"	9' 1 1/2"	8" - 16"	10" - 17"
FH58S-4	20' 8"	18' 2 1/2"	7' 1/4"	9' 1 1/2"	12" - 16"	10" - 17"

FILTER MATERIAL CHOICES

- Cotton sateen^B
- Napped cotton sateen^C
- Napped polyester sateen^C
- Napped polypropylene sateen^C
- Filament Dacron
- Seamless Beane bag polyester knit
- Seamless ST01 polyester knit
- Aramid (Nomex) twill

Notes:

^B Flame retardant treatment available

^C Ground wire addition available

OPTIONAL FEATURES

- Pressure relief devices
- Explosion-proof shaker motors
- Automatic shaker controls
- Magnehelic differential pressure gauge
- Integral exhauster arrangements
- High CFM requirement arrangements
- 50 Hz shaker motors
- Special colors or paint
- Stainless steel construction
- Truck clearance legs

DUST STORAGE ARRANGEMENTS

- Standard hopper with slide gate – 30 cu. ft. each
- One 55 gallon drum – 7.3 cu. ft. each
- Two 55 gallon drums equal 14.6 cu. ft.
- Rotary valve
- Transfer system fit-up

COMMON FILTERKOP ARRANGEMENT:

Illustrated at right: DUSTKOP cyclone primary collector with rotary valve on high clearance stand, FILTERKOP after-filter with 55 gallon drums, system exhauster, and acoustic attenuator

Exhauster Fan Specifications

EXHAUSTER MODEL	MOTOR HP	INLET	CFM RANGE	ESP RANGE
20SE51	5	8", 10"	1000 – 2000	7.7" – 3.7"
30SE71	10	10", 12"	1500 – 3000	9.8" – 5.5"
60SE70	15	12", 14"	2000 – 4500	10.5" – 4.9"
70SE70	20	12", 14", 16"	3000 – 6500	15" – 6.2"

Standard Specifications

MODEL	FILTER TUBES	FILTER AREA	SHAKER(S) HP	CFM RANGE	DUST HOPPER STORAGE CAPACITY	SHIPPING WEIGHT
FH58S-1	80	700 sq. ft.	one 1/2	1500 - 5000	30 cu. ft.	2700 lbs.
FH58S-2	160	1400 sq. ft.	one 1/2	3000 - 10000	60 cu. ft.	4067 lbs.
FH58S-3	240	2100 sq. ft.	one 3/4	4500 - 14000	90 cu. ft.	5700 lbs.
FH58S-4	320	2800 sq. ft.	two 1/2	6000 - 17000	120 cu. ft.	6845 lbs.





FH Series After-Filters

System Installations

DUSTKOP collection equipment servicing an alloy steel grinding application. Equipment includes a 1005-D2 cyclone primary collector, FH58S-5D shaker-type after-filter, 100E75 75 HP high efficiency system fan on the clean-air side controlled by a DUSTKOP electrical control panel. Design exhaust rate of 16,800 CFM.



DUSTKOP collection equipment servicing a large school wood shop in downtown Detroit. Equipment includes a DUSTKOP 100N50-D2 cyclone unit primary dust collector with a 50 HP integral material handling fan, FH58-3 shaker-type after-filter, 5 HP scavenging fan re-inducing baghouse dust into the cyclone, and a DUSTKOP electrical control panel.



Contact AGET Manufacturing or your local AGET representative today for additional information and factory replacement parts.

Made in the U.S.A.

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