

# Vortex Mist Filtration Systems

Mist and Oil Collectors

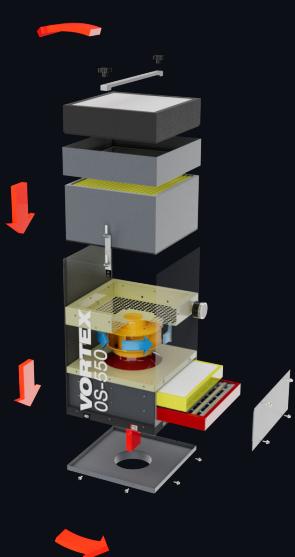
**EDGE**   
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## Take a Breath of Fresh, Clean Air

- **Continuous operation with little to no maintenance.** Both are stand-alone systems built for machine tools of all sizes.
- **Costs savings.** Filter replacements are not a regular concern.
- **Simple mount and installation.** All units come with a standard install kit, for easy installation.

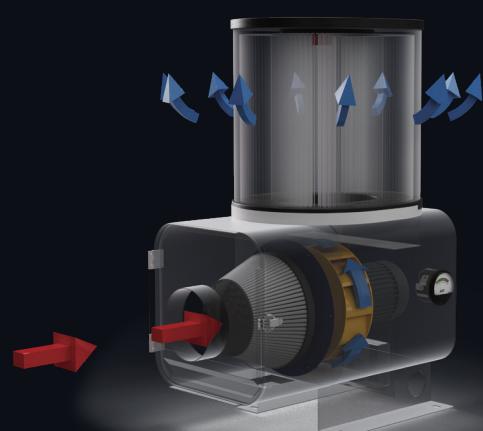
### Vortex Oil Mist Filtration — OS Series



- Removes aerosols, oil mist, fine particles, smoke
- Fiber bed filter specifically designed to capture the fine particulate of cutting oil
- Specifically sized to fit any Swiss turning center
- 60 sq ft of filter in a compact space
- Long-lasting fiber bed and HEPA filters
- No electrically charged elements — higher performance, longer life
- Quiet operation

### Vortex Coolant Mist Filtration — AF Series

- Removes water soluble coolant mist, fog, aerosols, smoke
- Four size options to fit machining centers of any size
- Washable, reusable first-stage filter that doesn't need regularly replaced
- Long-lasting standard HEPA filter
- Captures water soluble coolant
- Quiet operation



# Vortex Mist Filtration Systems

Mist and Oil Collectors

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## Technical Specifications

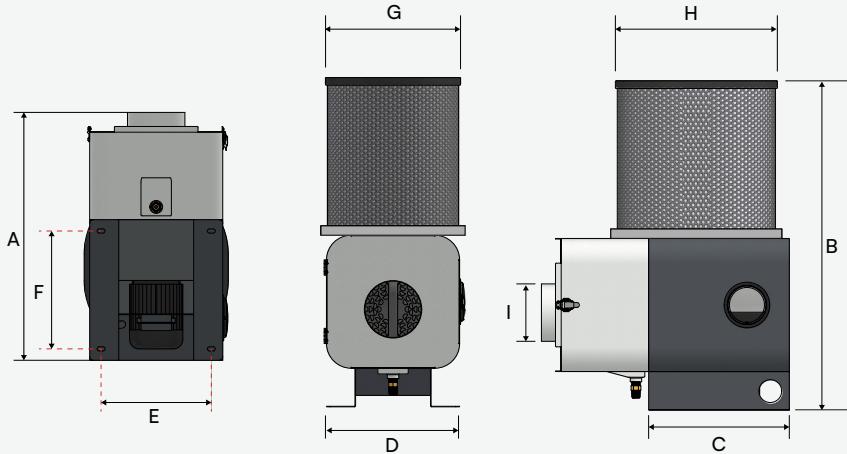
### Vortex Coolant Mist Filtration — AF Series

Model	Suitable Cabin Size (Cubic Ft.)	Air Flow (per min)	Static Pressure	Sound Level (db) A	Power Supply	Power Draw	Weight	Inlet Port
AF-10P	< 215 cf (< 6cm)	475 cf (13.5 cm)	0.152 psi (1.05 kPa)	68	220v / 60 Hz	0.27 hp (0.2 kw)	93 lb (42.1 kg)	150mm (6")
AF-20P	< 425 cf (< 12cm)	725 cf (20.5 cm)	0.200 psi (1.38 kPa)	73	220v / 60 Hz	0.53 hp (0.4 kw)	104 lb (47.1 kg)	150mm (6")
AF-30P	< 850 cf (< 24cm)	1150 cf (32.5 cm)	0.239 psi (1.65 kPa)	74	220v / 60Hz	1.00 hp (0.75 kw)	143 lb (64.8 kg)	200mm (8")
AF-40PL	< 1130 cf (< 32cm)	1700 cf (48.5 cm)	0.282 psi (1.95 kPa)	75	220v / 60Hz	1.54 hp (1.15 kw)	176 lb (79.8 kg)	250mm (10")

### Vortex Oil Mist Filtration — OS Series

Model	Suitable Cabin Size (Cubic Ft.)	Air Flow (per min)	Motor	Sound Level (db) A	Power	Weight	Inlet Port
OS-550	< 200 cf (< 6cm)	500-600 cfm	0.75 hp	68	230/3/60 (1.57) 460/3/60 (0.95)z	75 lb (34.2 kg)	150mm (6")

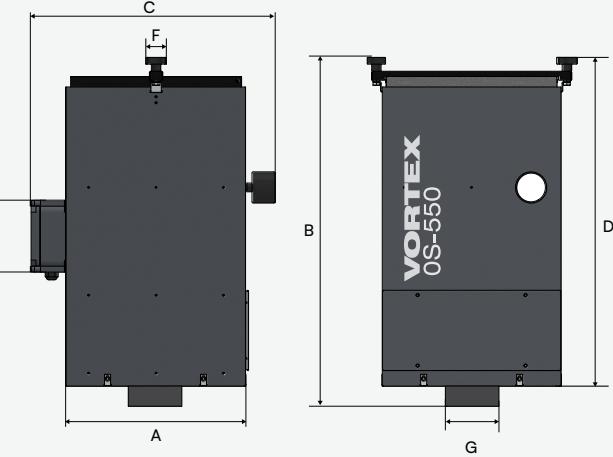
### Vortex Coolant Mist Filtration — AF Series



## Dimensions

Model	AF-10P	AF-20P	AF-30P	AF-40PL	OS-550
<b>A</b>	24.2" (615mm)	25.6" (652mm)	30.1" (765mm)	31.2" (792mm)	15" (380mm)
<b>B</b>	32.7" (831mm)	33.5" (851mm)	35.7" (908mm)	45.4" (1153mm)	28.2" (716mm)
<b>C</b>	13.7" (350mm)	14.5" (370mm)	17.2" (438mm)	17.9" (455mm)	20.4" (518mm)
<b>D</b>	13.2" (335mm)	13.7" (350mm)	16.6" (423mm)	18.9" (480mm)	27.4" (696mm)
<b>E</b>	11.1" (283mm)	11.7" (298mm)	14.5" (368mm)	16.8" (428mm)	6" (152mm)
<b>F</b>	11.8" (300mm)	12.6" (320mm)	15.3" (388mm)	15.3" (388mm)	1.7" (43mm)
<b>G</b>	14" (355mm)	14" (355mm)	16.1" (408mm)	16.9" (430mm)	6" (153mm)
<b>H</b>	16.7" (426mm)	16.7" (426mm)	19.4" (492mm)	21.2" (540mm)	
<b>I</b>	6" (151mm)	6" (151mm)	6" (151mm)	6" (151mm)	

### Vortex Oil Mist Filtration — OS Series



## Edge Technologies

Edge Technologies has applied a customer-centric approach for 40+ years. Service, parts, and technical support have always been the backbone of the company, because we understand that performance and up-time is a difference maker to your bottom line.

Scan here for more information about Vortex Mist Filtration Systems



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