

TIME & ECOLOGY  
**AMANO**

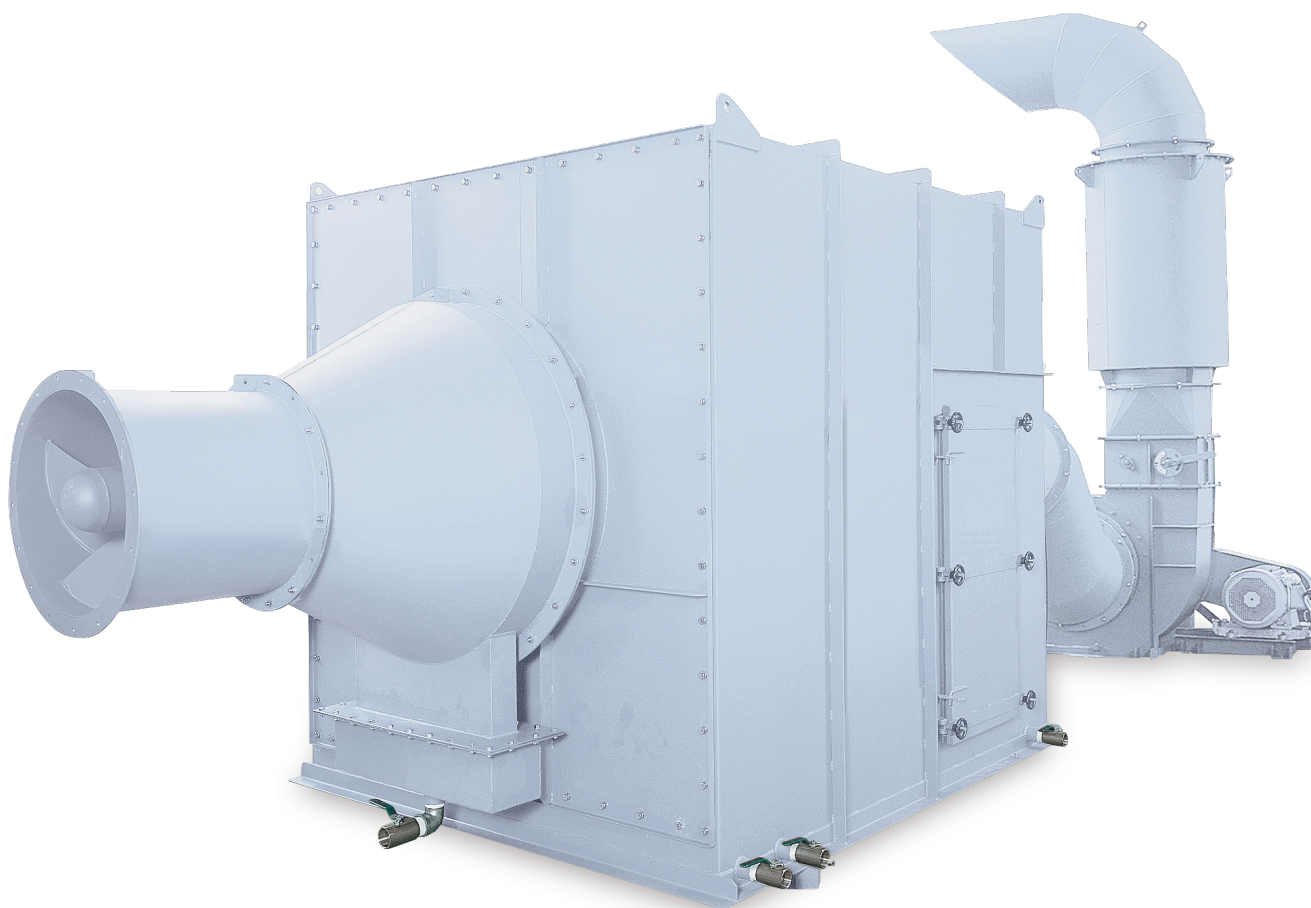


**Large Air Capacity Mist Collectors**

***MS* SERIES**

## **Original Spiral Flow Method**

**Suitable for central dust collection from multiple machine tools**



## ■ Specifications

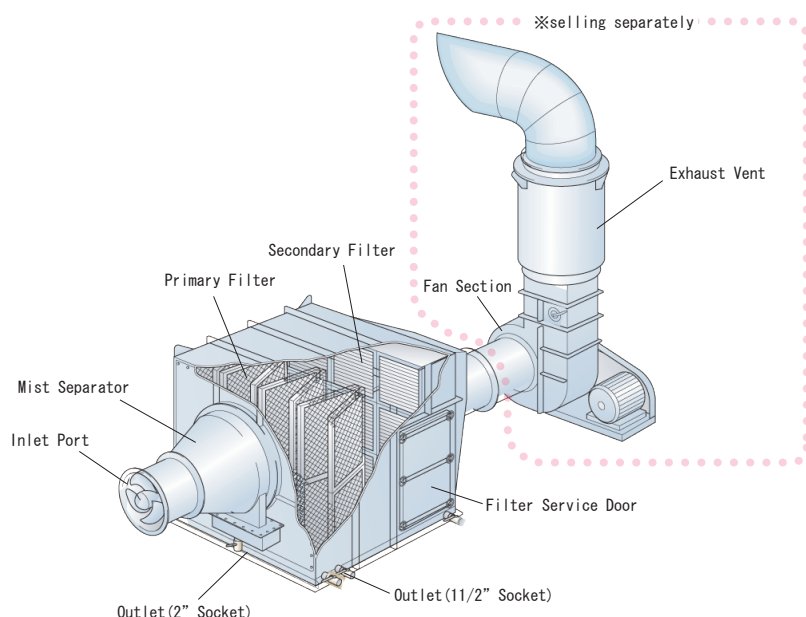
● Mist Density ~20mg/m<sup>3</sup>

Model		MS-100		MS-150		MS-200		MS-250		MS-350		MS-400		
Capacity (max)	(m³/min)		100		150		200		250		300		400	
	(cf/min)		3530		5300		7060		8827		10600		14120	
Primary Filter	Size W × H	(in)	19.7 × 26.2				31.5 × 39.4							
		(mm)	500 × 666				800 × 1000							
	Quantity		16		20		12 × 2		16 × 2		20 × 2		20 × 2	
	Material		Sponge and Special Fiber											
Secondary Filter	Size W × H	(in)	24.0 × 24.0 × 11.42		24.0 × 29.9 × 11.4									
		(mm)	610 × 610 × 290		610 × 760 × 290									
	Quantity		4				6		9				12	
	Material		Glass Fiber											
Target Objects			Water Soluble Mist and Oil Mist											
Inlet Diameter (mm)/(in)			φ 380/ φ 15"		φ 470/ φ 18.5"		φ 550/ φ 21.7"		φ 610/ φ 24"		φ 720/ φ 28.3"		φ 770/ φ 30.3"	
W × D × H	(in)	127 × 59 × 62.6		141 × 73.6 × 62.6		178.7 × 67 × 88.6		184.2 × 80.7 × 88.6		206.5 × 100.8 × 88.6		210 × 102.3 × 106		
	(mm)	3225 × 1500 × 1590		3585 × 1870 × 1590		4540 × 1700 × 2250		4680 × 2050 × 2250		5245 × 2560 × 2250		5335 × 2600 × 2700		
Weight (kg)/(lbs)			1200/2640		1600/5808		2200/4840		2400/5280		2900/6380		3500/7700	
Outlet (1 1/2"Socket)			3											
Outlet (2"Socket)			1											
Coating color			Upon Request											

※ Listed figures apply to standard specification only. Those figures may change depending on custom requirements.

※ Fan motor is selling separately.

## ■ Internal design



### For Your Safety

- Be sure to read the instruction manual thoroughly before getting started, and use the machine correctly.
- This machine is designed to handle water-soluble and oily cutting fluids.
- Do not suction the following materials:
  - Flammable materials... gasoline, thinner, benzene, kerosene, paint, etc.
  - Dust or fumes
  - Fire remains... cigarette stubs, ashes, etc.
  - Other... water, water vapor, chemicals
  - Oil or mist with a flash point lower than 80°C
- The ambient temperature range is from 0°C to 40°C.
- This product is not an explosion-proof type. Do not install the machine at hazardous areas specified by laws.
- Do not operate the machine in areas exposed to mist, fumes or gases that are inflammable, explosive or corrosive.
- Be sure to ground the machine to protect against electric shock.
- Be sure to use pipes with the appropriate diameter and make them as short as possible according to dust collection conditions so that dust will not accumulate in them.
- If you want to use the machine to suction exhaust mist from vacuum pumps, combustion engines, etc., please inform our branch or sales office of the suction conditions and find out whether or not you can use this machine.
- Make sure to turn off the power and ensure that a fan has stopped rotating when you start maintenance work and filter and/or parts replacement.
- This machine cannot get rid of odor and gas components.

Specifications and descriptions contained in this catalog may be subject to change without notice.

Please direct any questions to:

Digital data only

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