

# Mist-Fit MF-550 Oil Mist Collector

**Small Footprint**  
Simple to install

**Multi-Stage**  
Progressive Separation

**Fibre Bed Filter**  
High efficiency

Long filter life

Low operating costs

Low maintenance

Clean air

## Compact and big on performance !

Mist-Fit is a compact mist collector with a fibre bed filter at an affordable price. Fibre bed filtration has proven to be superior to other filter technologies. Ideal for high pressure coolant and oil applications. Oil drains back to cnc machine. With a footprint of 15" x 15", it is easily machine mounted. Eliminates mist, smoke and fine particles.

### Separation Stages:

The innovative 1<sup>st</sup> stage Mechanical Element separates up to 90% of the oil mist and swarf. The smooth metal surfaces quickly drains fluid back to the sump.

The 2<sup>nd</sup> stage Demister Element supports the 1<sup>st</sup> stage to ensure up to 95% of the mist and swarf are removed with washable filters.

The 3<sup>rd</sup> stage Fibre Bed mist filter is depth loading that capture small mist particles. With a filter rating of MERV 15, it can be used without a HEPA filter on most applications. *Typical life 1 – 3 years.*

Optional 4<sup>th</sup> stage HEPA Filter captures sub-micron mist, smoke and bacteria. Efficiency 95% @ 0.3 µm is standard, optional 99.9% @ 0.3 µm.



### Technical Data:

Air Flow	500 – 600 cfm
Machine tool enclosure	Up to 200 ft <sup>3</sup>
Motor	0.75 hp
Voltage (amps)	115/1/60 (4.9)
	220/1/60 (2.5)
	230/3/60 (1.57)
	460/3/60 (0.95)
Temperature (max)	160°F / 70°C
Weight	65 lbs / 75 lbs with HEPA filter
Length	15"
Width	15"
Height	26"
	30" with 95% HEPA filter
	34" with 99.9% HEPA filter
Inlet connection	6" Ø
Mounting options	See options page 2
Sound	68 dB(a)



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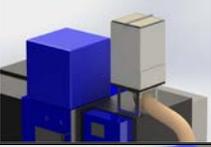
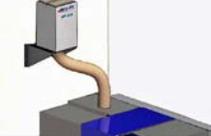
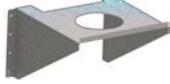
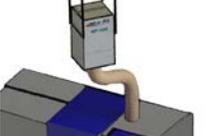
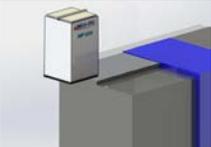
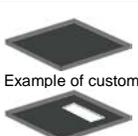
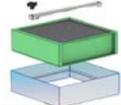
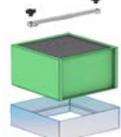
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	Item	Description	Part #
		Mist-Fit 550 3 filter stages Base plate, 6" Ø inlet (a) Voltage 115/1/60 (b) Voltage 220/1/60 (c) Voltage 230/460/3/60	MF55-0115 MF55-0220 MF55-0460
		Mounting Option Stand Height 11" Suction hose required.	MF05-B002
		Mounting Option Side Mount	MF05-B003
		Mounting Option Pedestal Height 8"	MF05-B004
		Mounting Option Wall Mount Suction hose required.	MF05-B006
		Mounting Option Suspension Kit Suction hose required.	MF05-B007
	 Example of custom inlet cut.	Mounting Option Blank Base Plate For custom inlet cut on site	MF05-B008
		Mounting Option Pillar stand 6 ft 7 ft 8 ft	MF05-B216 MF05-B217 MF05-B218
		Optional: For absolutely clean air HEPA Filter Kit 4" c/w HEPA filter 95% @ 0.3 µm	MF05-A020
		Optional: For smoke or absolutely clean air HEPA Filter Kit 8" c/w HEPA filter 99.9% @ 0.3 µm	MF05-A021

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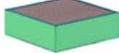
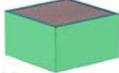
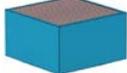
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Item	Description	Part #
	Motor Starter 115/1/60 220/1/60 230/3/60 460/3/60	MF55-E115 MF55-E220 MF55-E230 MF55-E460
	Chip Strainer 6.5' x 8" x 3.25" ht Mount inside cnc machine over suction	MF05-A011
	Suction Hose 6" Ø sold by foot	MF05-A012
	Hose clamp Set of 2 6" Ø	MF05-A013
	Machine adaptor 6" Ø For hose connection to cnc machine	MF05-A014
	Spare 4 <sup>th</sup> Stage HEPA Filter 4" 95% @ 0.3 µm	MF55-F004
	Spare 4 <sup>th</sup> Stage HEPA Filter 8" 99.9% @ 0.3 µm	MF55-F005
	Spare 3 <sup>rd</sup> stage Fiber Bed filter	MF05-F003
	Spare 2 <sup>nd</sup> stage Demister Element	MF05-F002
	Spare 1 <sup>st</sup> stage Mechanical Element	MF05-F001