

## Mist-Fit MF-560 Oil Mist Collector

**Small  
Footprint**  
Simple to  
install

**Multi-Stage**  
Progressive  
Separation

**Fibre Bed  
Filter**  
High efficiency

**Modular  
Design**  
Add options  
as required

**Direct Mount**  
Clean factory  
look

**Long filter life**

**Low operating  
costs**

**Low  
maintenance**

**Clean air**

### Compact and big on performance!

*for Swiss type machines and demanding applications*

Engineered for high pressure coolant, oil, smoke and demanding applications 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. Oil drains back to cnc machine.

With a footprint of 20" x 20", it is easily machine mounted.  
Eliminates mist, smoke and fine particles.  
Modular design, add options as required.  
Direct mount without suction hose for that clean factory look.

### Separation Stages:

Optional **Pre-Filter Box**, (#5 on exploded view).  
For oil and heavy mist.  
Recommended for Swiss screw machines. Extends filter life many times.

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.*

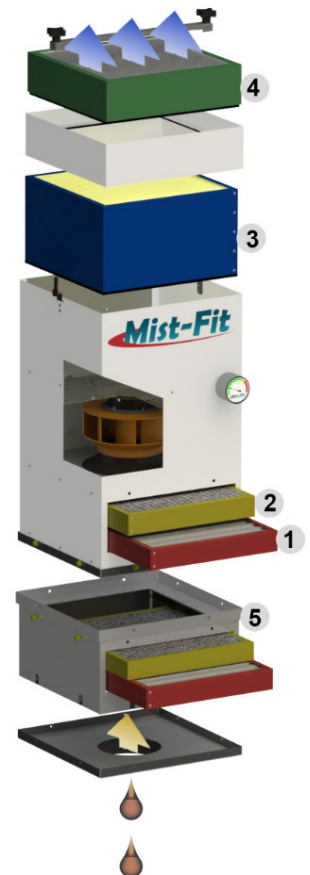
Optional **4<sup>th</sup> stage** HEPA Filter captures sub-micron mist, smoke and bacteria. Efficiency 95% @ 0.3 µm is standard, optional 99.9% @ 0.3 µm. *Typical life 2 – 4 years*  
*HEPA filter is made with exclusive heavy duty filter media, no other product holds as much or lasts as long.*

### Technical Data:

Air Flow	500 – 600 cfm
Machine tool enclosure	Up to 300 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)	125°F / 50°C
pH limits	5.8 – 9.8
Weight	96 lbs 122 lbs with HEPA filter 95% 150 lbs with HEPA filter 99.9%
Length x Width	20" x 20"
Height	28" 33" with 95% HEPA filter 41" with 99.9% HEPA filter
Inlet connection	6" Ø
Mounting options	See options page 2 & 4
Sound	68 dB(A)
Optional 4 <sup>th</sup> stage filters	HEPA filter 95% @ 0.3µm HEPA filter 99.9% @ 0.3µm Odor-Rid filter

### Mist-Fit Models

MF-350  
MF-550  
MF-560 *for Swiss type machines and demanding applications*  
MF-1050  
MF-1950 *for coolant, for oil applications use ARO-2000*



Base Plate

**(800) 991-4225**

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	Item	Description	Part #
		Mist-Fit MF-560 3 filter stages Base plate, 6" Ø inlet (a) Voltage 115/1/60 (b) Voltage 220/1/60 (c) Voltage 230/460/3/60	MF56-0115 MF56-0220 MF56-0460
		Stand Height 13" Suction hose required.	MF10-B002
		Side Mount	MF10-B003
		Pedestal	MF10-B004
		Wall Mount Suction hose required.	MF10-B006
		Suspension Kit Suction hose required.	MF10-B007
		Blank Base Plate For custom inlet cut on site	MF10-B008
		Optional Base Plates (a) 4" Ø inlet (b) 4" Ø inlet with oil drain nipple (c) 6" Ø inlets with oil drain nipple (d) 2 x 4" Ø inlet with oil drain nipple (e) Tsugami flange mount	MF10-B009 MF10-BD09 MF10-BD10 MF10-BD11 MF10-B016
		Floor stand Adjustable 6 – 8 ft Galvanized steel Suction hose required	MF10-B219

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Item	Description	Part #
	Pre-Filter Box For oil and heavy mist. <i>Recommended on Swiss machines</i>	MF10-P001
	HEPA Filter Kit 4" c/w HEPA filter 95% @ 0.3 µm <i>For absolutely clean air</i>	MF10-A020
	HEPA Filter Kit 8" c/w HEPA filter (a) 99.9% @ 0.3 µm <i>For smoke or absolutely clean air</i>	MF10-A021
	(b) Odor-Rid filter Kit <i>Combo HEPA 95% &amp; carbon</i>	MF10-A022
	Motor Starter Voltage 115/1/60 Voltage 220/1/60 Voltage 230/3/60 Voltage 460/3/60	MF55-E115 MF55-E220 MF55-E230 MF55-E460
	VFD Motor Starter, NEMA 1 Voltage 115/1/60 Voltage 220/1/60 Voltage 230/3/60 Voltage 460/3/60 Wire kit, 25 ft + strain reliefs	MF55-V115 MF55-V220 MF55-V230 MF55-V460 MF55-E001
	Chip Strainer Flat 6" Ø <i>Mount inside cnc machine over suction</i>	MF55-A011
	Suction Hose 6" Ø <i>sold by foot</i>	MF55-A012
	Hose Clamp Set of 2 6" Ø	MF55-A013
	Machine Adaptor 6" Ø <i>For hose connection to cnc machine</i>	MF55-A014
	Spare 4 <sup>th</sup> Stage HEPA Filter 4" 95% @ 0.3 µm	MF10-F004
	Spare 4 <sup>th</sup> Stage HEPA Filter 8" (a) 99.9% @ 0.3 µm	MF10-F005
	(b) Odor-Rid filter Kit	MF10-F009
	Spare 3 <sup>rd</sup> Stage Fibre Bed Filter	MF10-F007
	Spare 2 <sup>nd</sup> Stage Demister Element	MF10-F002
	Spare 1 <sup>st</sup> Stage Mechanical Element	MF10-F001
	Hood 2' x 6'	MF10-H001
	Optional: Curtain	MF10-HC01

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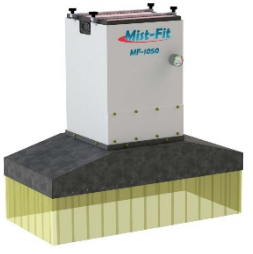
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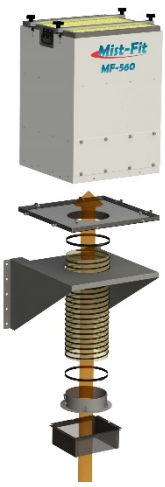
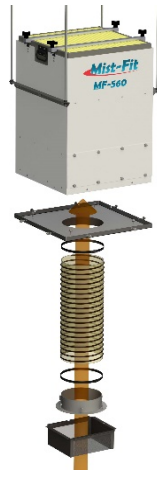

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## Mounting Options

<p><b>Direct Mount</b> Base Plate 6" Ø Inlet</p> <p><b>Accessories</b> ➢ Chip strainer</p> 	<p><b>Direct Mount</b> Blank Base Plate Custom cut on site</p> <p><b>Accessories</b> ➢ Chip strainer</p> 	<p><b>Optional Base Plates</b></p> <ul style="list-style-type: none"> <li>➢ 4" Ø inlet</li> <li>➢ 4" Ø inlet with oil drain nipple</li> <li>➢ 2 x 4" Ø inlets with oil drain nipple</li> <li>➢ 6" Ø inlet with oil drain nipple</li> </ul> 
<p><b>Side Mount</b></p> <p><b>Accessories</b> ➢ Chip strainer</p> 	<p><b>Pedestal</b> Height 8"</p> <p><b>Accessories</b> ➢ Chip strainer</p> 	<p><b>Hood</b> 2ft x 6 ft</p> 

<p><b>Stand</b> Height 13"</p> <p><b>Accessories</b> ➢ Suction Hose 6" Ø ➢ Hose Clamps 6" Ø ➢ Machine adaptor 6" Ø ➢ Chip strainer</p> 	<p><b>Wall Mount</b></p> 	<p><b>Suspended</b></p> 	<p><b>Floor Stand</b> 6ft - 8 ft</p> 
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