



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

The **3rd 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.*

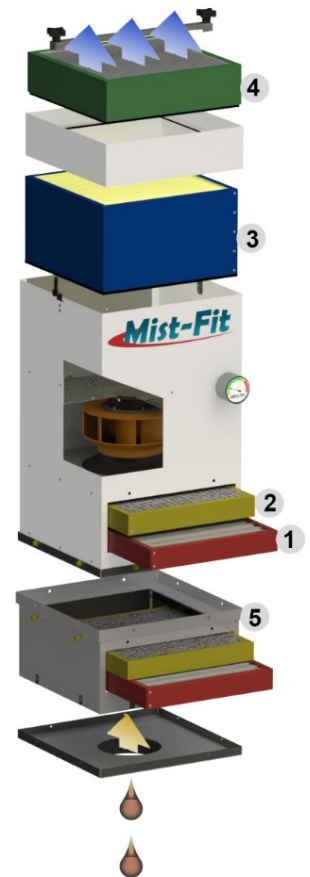
Optional **4th stage** HEPA Filter captures sub-micron mist, smoke and bacteria. Efficiency 95% @ 0.3 µm is standard, optional 99.9% @ 0.3 µm.

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 200 ft ³
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	20"
Width	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 th stage filters	HEPA filter 95% @ 0.3µm HEPA filter 99.9% @ 0.3µm Odor-Rid filter



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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) Tslugami 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% & 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 th Stage HEPA Filter 4" 95% @ 0.3 µm	MF10-F004
	Spare 4 th Stage HEPA Filter 8" (a) 99.9% @ 0.3 µm	MF10-F005
	(b) Odor-Rid filter Kit	MF10-F009
	Spare 3 rd Stage Fibre Bed Filter	MF10-F007
	Spare 2 nd Stage Demister Element	MF10-F002
	Spare 1 st Stage Mechanical Element	MF10-F001
	Hood 2' x 6'	MF10-H001
	Optional: Curtain	MF10-HC01

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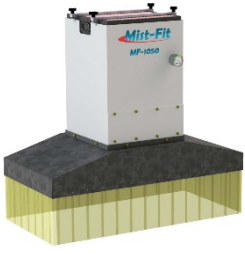
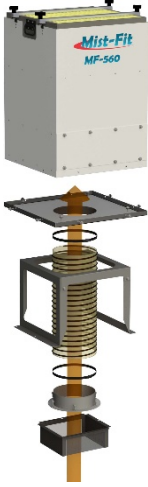
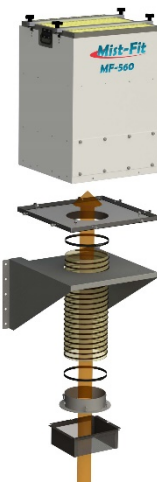

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Mounting Options

<p>Direct Mount Base Plate 6" Ø Inlet</p> <p>Accessories ➢ Chip strainer</p> 	<p>Direct Mount Blank Base Plate Custom cut on site</p> <p>Accessories ➢ Chip strainer</p> 	<p>Optional Base Plates</p> <ul style="list-style-type: none"> ➢ 4" Ø inlet ➢ 4" Ø inlet with oil drain nipple ➢ 2 x 4" Ø inlets with oil drain nipple ➢ 6" Ø inlet with oil drain nipple 	
<p>Side Mount</p> <p>Accessories ➢ Chip strainer</p> 	<p>Pedestal Height 8"</p> <p>Accessories ➢ Chip strainer</p> 	<p>Hood 2ft x 6 ft</p> 	
<p>Stand Height 13"</p> <p>Accessories ➢ Suction Hose 6" Ø ➢ Hose Clamps 6" Ø ➢ Machine adaptor 6" Ø ➢ Chip strainer</p> 	<p>Wall Mount</p> 	<p>Suspended</p> 	<p>Floor Stand 6ft - 8 ft</p> 