

Mist-Fit MF-1950 Coolant 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, *not recommended for oil applications*. Coolant drains back to cnc machine. With a footprint of 25" x 25", it is easily machine mounted. Eliminates coolant mist, smoke and fine particles. *For oil applications, use model ARO-2000.*

Separation Stages:

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

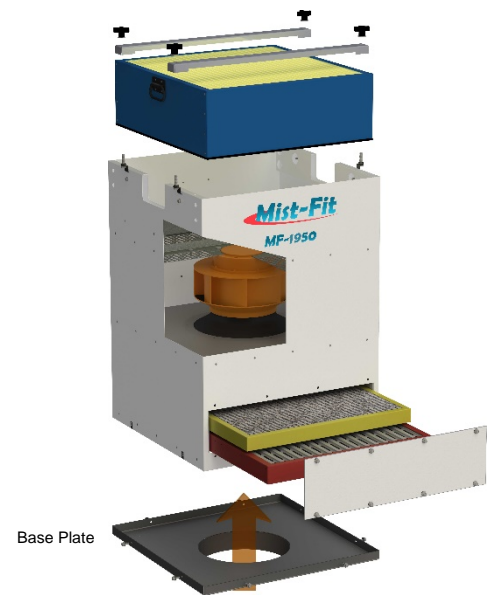
HEPA filter is made with exclusive heavy duty filter media, no other product holds as much or lasts as long.

Technical Data:

Air Flow	1900 – 2000 cfm
Machine tool enclosure	Up to 1,500 ft ³
Motor	3 hp
Voltage (amps)	230/3/60 (6.0) 460/3/60 (3.3)
Temperature (max)	125°F / 50°C
pH limits	5.8 – 9.8
Weight	270 lbs 324 lbs with HEPA filter 95% 352 lbs with HEPA filter 99.9%
Length	25"
Width	25"
Height	36" 41" with HEPA filter 95% 45" with HEPA filter 99.9%
Inlet connection	12" Ø
Mounting options	See options page 2
Sound	72 dB(A)
Optional 4 th 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*



Mist-Fit MF-1950 Options

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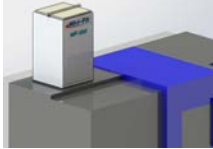

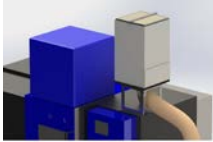

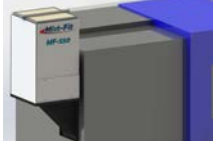

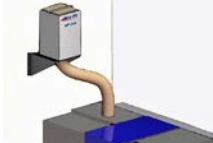
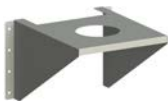
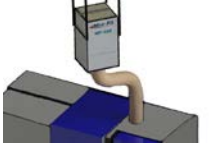

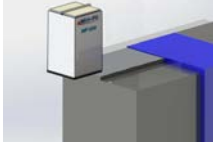

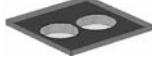
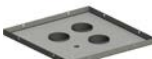
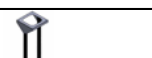

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	Item	Description	Part #
		Mist-Fit 1950 3 filter stages (coolant filters only) Base plate, 12" Ø inlet Voltage 230/460/3/60	MF19-0460
		Stand Height 21" Suction hose required.	MF19-B002
		Side Mount	MF19-B003
		Wall Mount Suction hose required.	MF19-B006
		Suspension Kit Suction hose required.	MF19-B007
		Blank Base Plate For custom inlet cut on site Example of custom inlet cut.	MF19-B008
		Optional base plates (a) 12" Ø inlet with oil drain nipple	MF19-BD01
		(b) 2 x 8" Ø inlets with oil drain nipple	MF19-B017
		Tailored Base Plate Example: 3 x 4" Ø inlets Oil drain nipple	MF19-Bxxx
		Floor stand Adjustable, 6 – 8 ft Galvanized steel Suction hose required	MF19-B219

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Item	Description	Part #
	Optional: For absolutely clean air HEPA Filter Kit 4" c/w HEPA filter 95% @ 0.3 µm	MF19-A020
	Optional: For smoke or absolutely clean air HEPA Filter Kit 12" c/w HEPA filter 99.9% @ 0.3 µm	MF19-A021
	Option: Odor-Rid filter 12" Combo HEPA 95% & carbon	MF19-A022
	Motor Starter Voltage 230/3/60 Voltage 460/3/60	MF19-E230 MF19-E460
	VFD Motor Starter, NEMA 1 Voltage 230/3/60 Voltage 460/3/60 Wire kit, 30 ft, strain reliefs	MF19-V230 MF19-V460 MF19-E001
	Chip Strainer 12" x 14" x 4" ht Mount inside cnc machine over suction	MF19-A011
	Suction Hose 12" Ø sold by foot	MF19-A012
	Hose Clamp Set of 2 12" Ø	MF19-A013
	Machine Adaptor 12" Ø For hose connection to cnc machine	MF19-A014
	Spare 4 th Stage HEPA Filter 4" 95% @ 0.3 µm	MF19-F004
	Spare 4 th Stage HEPA Filter 12" 99.9% @ 0.3 µm	MF19-F005
	Spare 4 th Stage Odor-Rid filter Combo HEPA 95% & carbon	MF19-F009
	Spare 3 rd Stage Fibre Bed filter	MF19-F007
	Spare 2 nd Stage Demister Element	MF19-F002
	Spare 1 st Stage Mechanical Element	MF19-F001
	Hood 3 ft x 6 ft Optional: Curtain	MF19-H001 MF19-HC01

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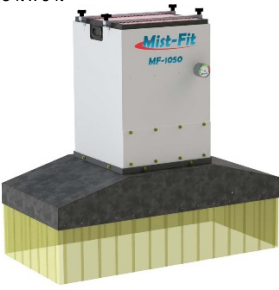
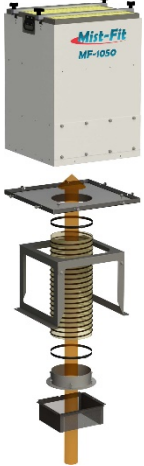
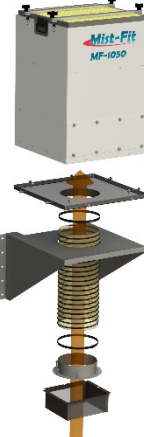
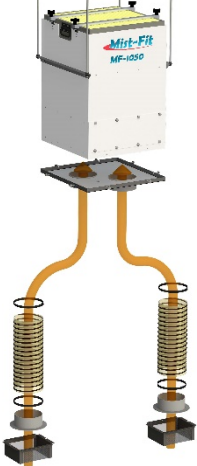
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Mounting Options

<p>Direct Mount</p> <p>Base Plate 12" Ø Inlet</p> <p>Accessories ➢ Chip strainer</p> 	<p>Direct Mount</p> <p>Blank Base Plate Custom cut on site</p> <p>Accessories ➢ Chip strainer</p> 	<p>Optional Base Plate</p> <ul style="list-style-type: none"> ➢ 12" Ø with oil drain nipple ➢ 2 x 8" Ø inlets with oil drain nipple 	
<p>Side Mount</p> <p>Accessories ➢ Chip strainer</p> 	<p>Hood 3 ft x 6 ft</p> 		
<p>Accessories</p> <ul style="list-style-type: none"> ➢ Suction Hose 12" Ø ➢ Hose Clamps 12" Ø ➢ Machine adaptor 12" Ø ➢ Chip strainer 			
<p>Stand Height 21"</p> 	<p>Wall Mount</p> 	<p>Suspended shown with 2 x 8" inlets</p> 	<p>Floor Stand adjustable 6 - 8 ft</p> 