



ARO Series

Mist-Fit IRIS Series Series







Long filter life Low operating costs Low maintenance Clean air

2021 Catalogue



Oil Mist Limits

OSHA's limit of 5.0 mg/m³ is outdated and will almost guarantee health and safety concerns.

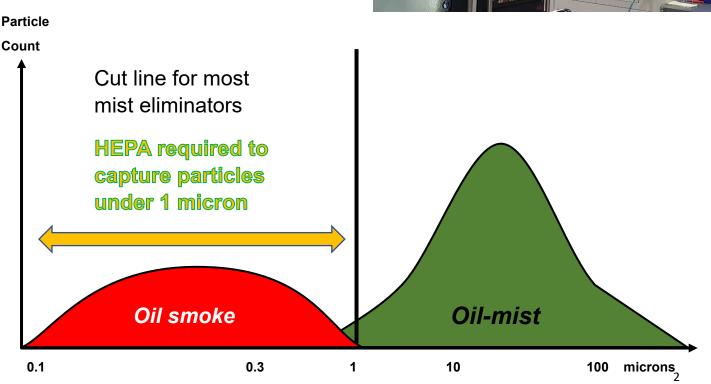
Most companies with H&S committees are setting exposure limits to $0.3 - 0.5 \text{ mg/m}^3$, which is easily achieved with properly sized and maintained mist collectors.

OSHA Limit < 5.0 mg/m³

OSHA Recommended < 0.5 mg/m³

NIOSH Recommended < 0.4 mg/m³ (time weighted average over 8 hrs.)





*for drawings and manuals visit www.aeroex.com/downloads



Sizing Guidelines

*(Length) X (Width) X (Height) X (1 to 2) = (Required CFM) * Light Mist

*(Length) X (Width) X (Height) X (3 to 4) = (Required CFM) * Moderate Mist

*(Length) X (Width) X (Height) X (4 to 6) = (Required CFM) * Heavy Mist and Smoke

Mist collector sizing can vary depending on a variety of factors.

A general rule of thumb is to multiply your machine enclosure volume by a factor of 2-6 depending on the level of mist.

Large machines 1000 cubic feet and up can be calculated with a factor of 2.

Example: If you have a lathe with high pressure coolant and an internal dimension of 5ft high X 6ft deep X 10ft long your machine enclosure volume is 300 cubic feet.

Multiplying the enclosure by 3 shows an approximate requirement of 900 CFM.

An ARO-1100 or MF-1050 would be best suited for this application.





Why Multi-Stage? Separation is done best in progressive stages. When compared to a 2-stage collector, the first filter efficiency must be high to protect the final filter. The potential of the first stage filter plugging is high. Alternatively, if the first filter efficiency is low, the final filter tends to plug.

Why Depth Loading Filters? The air travels through a depth or bed of filter media up to 1 inch thick. The risk of plugging is low, yet efficiency is high.





Pleated face loading filter, separation is on the surface of a very thin layer of filter media, resulting in the pores plugging very quickly.



ARO Series Mist Collectors





Filter Technology

The 1st stage: Innovative mechanical elements separate 90 – 95% of the mist and solids. The smooth metal surfaces quickly drains fluid back to the sump. Washable. *Typical life is 20 years.*

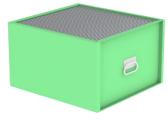
The 2nd stage: The agglomerator filter is unique, consisting of layers of stainless-steel wire mesh woven with oil attracting fibers. The media is very durable, lasting 10 - 15 years. Can be power washed.

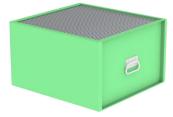
The 3rd stage: Fibre-bed filters have a high surface area, the technology used today by premium mist collectors. High efficiency, excellent drainage, long life. Coolant or oil filters have a typical life of 1 - 3 years.

Final 4th stage: HEPA filter captures sub-micron mist, smoke, and bacteria. Our HEPA filters are made exclusively for oil mist with heavy duty micro-glass media. Standard for coolant 95% @ 0.3 μ m. Standard for oil 99.97% @ 0.3 μ m. *Typical life is 2 – 4 years.*

Optional final 4th stage: Odor-Rid filter Combination filter consisting of HEPA filter 95% and carbon filter media. For odor reduction.







230/3/60 (17) 460/3/60 (8.5) 3400-4100 cfm Up to 4000 ft³ 70 °C / 160 °F 11 ARO-4000 74 dB(a) 5.8 - 12 7.5 hp 18" Ø 230/3/60 (11.5) 460/3/60 (5.8) 2300-2700 cfm Up to 3000 ft³ 70 °C / 160 °F 11 1 **ARO-2500** 74 dB(a) 5.8 - 12 12" Ø 5 hp 230/3/60 (7.6) 460/3/60 (3.3) 1800-2200 cfm Up to 2000 ft³ 70 °C / 160 °F **ARO-2000** 71 dB(a) 5.8 - 12 12" Ø 3 hp 230/3/60 (5.5) 460/3/60 (2.7) 1400-1700 cfm 70°C/160°F Up to 575 ft³ **ARO-1400** 72 dB(a) 5.8 - 12 10″ Ø 2 hp 230/3/60 (5.5) 460/3/60 (2.7) 1000-1300 cfm 70 °C / 160 °F Up to 450 ft³ **ARO-1100** 71 dB(a) 5.8 - 12 2 hp 8" Ø 230/3/60 (3.2) 460/3/60 (1.3) 70°C/160°F 650-750 cfm Up to 300 ft³ **ARO-600** 70 dB(a) 5.8 - 12 1 hp 8"Ø Actions 230/3/60 (3.2) 460/3/60 (1.3) 70 °C / 160 °F 350-500 cfm Up to 150 ft³ **ARO-400** 69 dB(A) 5.8 - 12 1 hp e" ø Machine Tool Enclosure Recommended Volume 1000 psi 3000 psi 1000 psi 3000 psi 500 psi 30 psi 30 psi 500 psi Inlet Connection Voltage (Amps) Specifications Heavy Smoke Temp limit (standard) pH limit Air Flow Coolant Coolant Coolant Coolant Motor Sound ī ī 0 lio



<u>ARO-400</u>

Air Flow	350-500 cfm
Machine Tool Enclosure	Up to 150 ft ³
Recommended Volume	
Motor	1 hp
Voltage (Amps)	230/3/60 (3.2)
	460/3/60 (1.6)
Inlet Connection	6" Ø
(standard)	
Sound	69 dB(A)
Coolant	30 – 3000 psi
Oil	30 – 3000 psi
pH limit	5.8 - 12
Temp limit	70 °C / 160 °F
Weight	230 lbs
LXWXH	43" x 21" x 41"
HEPA Filter	Standard

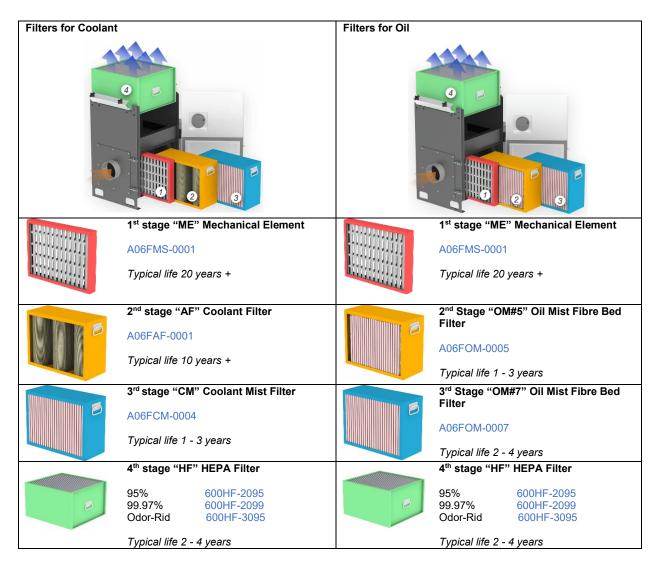








Motor Starter PanelNEMA 12Basic start/stop, overloads230/3/60099EMS-1021460/3/60099EMS-1041	VFD Motor Starter NEMA 1, programmed 230/3/60 099EMS-1121 460/3/60 099EMS-1141
Motor Starter PanelNEMA 12Fused disconnect switch, start/stop,overloads, pilot light.230/3/60099EMS-3021460/3/60099EMS-3041	VFD Motor Starter Panel NEMA 12. Fused disconnect switch, start/stop, overloads, pilot light, IP 20 VFD, programmed. 230/3/60 099EMS-7021 460/3/60 099EMS-7041
VFD Motor Starter NEMA 4X, programmed 230/3/60 099EMS-6021 460/3/60 099EMS-6041	Wire Kit VFD rated cable, 20 ft, Strain reliefs (4) 099EMS-E001





<u>ARO-600</u>

Air Flow	650-750 cfm
Machine Tool Enclosure	Up to 300 ft ³
Recommended Volume	-
Motor	1 hp
Voltage (Amps)	230/3/60 (3.2)
	460/3/60 (1.6)
Inlet Connection	8" Ø
(standard)	
Sound	70 dB(A)
Coolant	30 – 3000 psi
Oil	30 – 3000 psi
pH limit	5.8 - 12
Temp limit	70 °C / 160 °F
Weight	230 lbs
LxWxH	43" x 21" x 41"
HEPA Filter	Standard







•	Motor Starter Panel NEMA 12 Basic start/stop, overloads 230/3/60 099EMS-1021 460/3/60 099EMS-1041		VFD Motor Starter NEMA 1, programmed 230/3/60 099EMS-1121 460/3/60 099EMS-1141
	Motor Starter PanelNEMA 12Fused disconnect switch, start/stop,overloads, pilot light.230/3/60099EMS-3021460/3/60099EMS-3041		VFD Motor Starter Panel NEMA 12. Fused disconnect switch, start/stop, overloads, pilot light, IP 20 VFD, programmed. 230/3/60 099EMS-7021 460/3/60 099EMS-7041
	VFD Motor Starter NEMA 4X, programmed. 230/3/60 099EMS-6021 460/3/60 099EMS-6041		Wire Kit VFD rated cable, 20 ft, Strain reliefs (4) 099EMS-E001
Filters for Co	olant	Filters for Oil	

	1 st stage "ME" Mechanical Element A06FMS-0001 <i>Typical life 20 years</i> +	1st stage "ME" Mechanical Element A06FMS-0001 Typical life 20 years +
	2 nd stage "AF" Coolant Filter A06FAF-0001 <i>Typical life 10 year</i> s +	2 nd Stage "OM#5" Oil Mist Fibre Bed Filter A06FOM-0005 <i>Typical life 1 - 3 years</i>
	3 rd stage "CM" Coolant Mist Filter A06FCM-0004 Typical life 1 - 3 years	3rd Stage "OM#7" Oil Mist Fibre Bed Filter A06FOM-0007 Typical life 2 - 4 years
0	4th stage "HF" HEPA Filter 95% 600HF-2095 99.97% 600HF-2099 Odor-Rid 600HF-3095 Typical life 2 - 4 years	4 th stage "HF" HEPA Filter 95% 600HF-2095 99.97% 600HF-2099 Odor-Rid 600HF-3095 Typical life 2 - 4 years



<u>ARO-1100</u>

Air Flow	1100-1300 cfm
Machine Tool Enclosure	Up to 450 ft ³
	001040010
Recommended Volume	
Motor	2 hp
Voltage (Amps)	230/3/60 (5.5)
0 (1 /	460/3/60 (2.7)
Inlet Connection	8" Ø
(standard)	0 0
Sound	$71 dB(\Lambda)$
	71 dB(A)
Coolant	30 – 3000 psi
Oil	30 – 3000 psi
pH limit	5.8 - 12
Temp limit	70 °C / 160 °F
-	
Weight	340 lbs
LxWxH	49" x 25" x 42"
HEPA Filter	Standard







	Matau Otautau Dawal		
0 1	Motor Starter Panel	A - A	VFD Motor Starter
	NEMA 12		NEMA 1, programmed
8	Basic start/stop, overloads		230/3/60 099EMS-1122
0	230/3/60 099EMS-1022	() D	460/3/60 099EMS-1142
	460/3/60 099EMS-1042	A	
		and a second	
	Motor Starter Panel		VFD Motor Starter Panel
	NEMA 12		NEMA 12. Fused disconnect switch,
- - P	Fused disconnect switch, start/stop,		start/stop, overloads, pilot light,
•	overloads, pilot light.	5	IP 20 VFD, programmed.
	230/3/60 099EMS-3022		230/3/60 099EMS-7022
	460/3/60 099EMS-3042		460/3/60 099EMS-7042
	VFD Motor Starter		Wire Kit
*			
	NEMA 4X, programmed.		VFD rated cable, 20 ft, Strain reliefs (4)
8-1·	230/3/60 099EMS-6022		099EMS-E002
	460/3/60 099EMS-6042		
	-		
Filters for Coola	nt	Filters for Oil	
			5 5
8	*		A .
-			
9		-0	
IIIII	1 st stage "ME" Mechanical Element	III III	1 st stage "ME" Mechanical Element
1111111111	0	1011111111	C
	A11FMS-0001	1111111111	A11FMS-0001
	Typical life 20 years +		Typical life 20 years +
- AND		- ALL	
	2 nd stage "AF" Coolant Filter	Waterson	2 nd stage "DE" Demister Element
A PARA			
	A11FAF-0001	and the second	A11FDE-0002
	Typical life 10 years +		Typical life 10 years +
			Typical life To years
	3 rd stage "CM" Coolant Mist Filter	1985	3 rd Stage "OM#5" Oil Mist Fibre Bed
	o stage om ooblant mist fillel		Filter
	A11FCM-0004		
			A11FOM-0005
	Typical life 1 - 3 years		
			Typical life 1 - 3 years
	4 th stage "HF" HEPA Filter		4 th Stage "OM#7" Oil Mist Fibre Bed
- Milling and a second			Filter
	95% 2000HF-2095		A11EOM 0007
	99.97% 2000HF-2099 Odor-Rid 2000HF-3095		A11FOM-0007
	Guol-Mu 2000 II - 3083		Typical life 2 - 4 years
	Typical life 2 - 4 years		. ypical mo E i youro
			5 th stage "HF" HEPA Filter
		- Martin Martine	-
			95% 2000HF-2095
			99.97% 2000HF-2099
			Odor-Rid 2000HF-3095

Typical life 2 - 4 years



<u>ARO-1400</u>

1400-1700 cfm
Up to 575 ft ³
2 hp
230/3/60 (5.5)
460/3/60 (2.7)
10" Ø
72 dB(A)
30 – 3000 psi
30 – 3000 psi
5.8 - 12
70 °C / 160 °F
340 lbs
49" x 25" x 42"
Standard







	Motor Starter Panel NEMA 12 Basic start/stop, overloads 230/3/60 099EMS-1022 460/3/60 099EMS-1042 Motor Starter Panel		VFD Motor Starter NEMA 1, programmed 230/3/60 099EMS-1122 460/3/60 099EMS-1142 VFD Motor Starter Panel
	NEMA 12 Fused disconnect switch, start/stop, overloads, pilot light. 230/3/60 099EMS-3022 460/3/60 099EMS-3042		NEMA 12. Fused disconnect switch, start/stop, overloads, pilot light, IP 20 VFD, programmed. 230/3/60 099EMS-7022 460/3/60 099EMS-7042
	VFD Motor Starter NEMA 4X, programmed. 230/3/60 099EMS-6022 460/3/60 099EMS-6042		Wire Kit VFD rated cable, 20 ft, Strain reliefs (4) 099EMS-E002
Filters for Coolant		Filters for Oil	
	1 st stage "ME" Mechanical Element A11FMS-0001 <i>Typical life 20 years</i> +		1 st stage "ME" Mechanical Element A11FMS-0001 <i>Typical life 20 years</i> +
	2 nd stage "AF" Coolant Filter A11FAF-0001 Typical life 10 years +		2 nd stage "DE" Demister Element A11FDE-0002 <i>Typical life 10 years</i> +
	3 rd stage "CM" Coolant Mist Filter A11FCM-0004 <i>Typical life 1 - 3 years</i>		3 rd Stage "OM#5" Oil Mist Fibre Bed Filter A11FOM-0005 <i>Typical life 1 - 3 years</i>
8	4th stage "HF" HEPA Filter 95% 2000HF-2095 99.97% 2000HF-2099 Odor-Rid 2000HF-3095 Typical life 2 - 4 years		4 th Stage "OM#7" Oil Mist Fibre Bed Filter A11FOM-0007 Typical life 2 - 4 years
			5th stage "HF" HEPA Filter 95% 2000HF-2095 99.97% 2000HF-2099 Odor-Rid 2000HF-3095 Typical life 2 - 4 years



<u>ARO-2000</u>

Air Flow	1800-2200 cfm
Machine Tool Enclosure	Up to 2000 ft ³
Recommended Volume	-
Motor	3 hp
Voltage (Amps)	230/3/60 (7.6)
	460/3/60 (3.8)
Inlet Connection	12" Ø
(standard)	
Sound	71 dB(A)
Coolant	30 – 3000 psi
Oil	30 – 3000 psi
pH limit	5.8 - 12
Temp limit	70 °C / 160 °F
Weight	390 lbs
LxWxH	50" x 25" x 49"
HEPA Filter	Standard







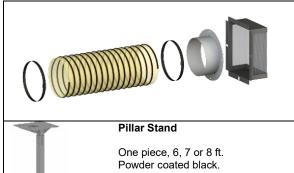
230/3/60 099EMS-6023 099EMS-E003	, Strain reliefs (4)
460/3/60 099EMS-6043	
Filters for Coolant	
1 st stage "ME" Mechanical Element 1 st stage "ME" Mechanical Element A20FMS-0001 A20FMS-0001 Typical life 20 years + Typical life 20 years	
2 nd stage "AF" Coolant Filter 2 nd stage "DE" Der A20FAF-0001 A20FDE-0002 Typical life 10 years + Typical life 10 years	
3rd stage "CM" Coolant Mist Filter 3rd Stage "OM#5" OF A20FCM-0004 A20FCM-0005 Typical life 1 - 3 years Typical life 1 - 3 years	
4 th stage "HF" HEPA Filter 4 th Stage "OM#7" C 95% 2000HF-2095 99.97% 2000HF-2099 Odor-Rid 2000HF-3095 Typical life 2 - 4 years Typical life 2 - 4 years	
5 th stage "HF" HEP 95% 2000 99.97% 2001	0HF-2095 0HF-2099 0HF-3095



ARO-2500

2300-2700 cfm	ೆ. ಕೆ.
Up to 3000 ft ³	
5 hp	
230/3/60 (11.5)	
460/3/60 (5.8)	
12" Ø	
()	
30 – 3000 psi	
30 – 3000 psi	
5.8 - 12	A A A
70 °C / 160 °F	
605 lbs	
55" x 25" x 50"	
Standard	
	Up to 3000 ft ³ 5 hp 230/3/60 (11.5) 460/3/60 (5.8) 12" Ø 74 dB(A) 30 – 3000 psi 30 – 3000 psi 5.8 - 12 70 °C / 160 °F 605 lbs 55" x 25" x 50"





Installation Kit 12" Ø inlet Oil drain hose 10' suction hose 6' machine adaptor, chip strainer

099AKI-0004

099AMP-0003





	Motor Starter PanelNEMA 12Basic start/stop, overloads230/3/60099EMS-1025460/3/60099EMS-1045Motor Starter PanelNEMA 12Fused disconnect switch, start/stop,		VFD Motor Starter NEMA 1, programmed 230/3/60 099EMS-1125 460/3/60 099EMS-1145 VFD Motor Starter Panel NEMA 12. Fused disconnect switch, start/stop, overloads, pilot light.
	overloads, pilot light. 230/3/60 099EMS-3025 460/3/60 099EMS-3045		IP 20 VFD, programmed. 230/3/60 099EMS-7025 460/3/60 099EMS-7045
	NEMA 4X, programmed. 230/3/60 099EMS-6025 460/3/60 099EMS-6045		VFD rated cable, 30 ft, Strain reliefs (4) 099EMS-E004
Filters for Coola		Filters for Oil	
	1 st stage "ME" Mechanical Element A20FMS-0001 Typical life 20 years +		1 st stage "ME" Mechanical Element A20FMS-0001 <i>Typical life 20 years</i> +
	2 nd stage "AF" Coolant Filter A20FAF-0001 <i>Typical life 10 years</i> +		2 nd stage "DE" Demister Element A20FDE-0002 Typical life 10 years +
	3 rd stage "CM" Coolant Mist Filter A20FCM-0004 Typical life 1 - 3 years		3 rd Stage "OM#5" Oil Mist Fibre Bed Filter A20FOM-0005 <i>Typical life 1 - 3 years</i>
B	4th stage "HF" HEPA Filter 95% 2000HF-2095 99.97% 2000HF-2099 Odor-Rid 2000HF-3095 Note: Qty 2 2		4 th Stage "OM#7" Oil Mist Fibre Bed Filter A20FOM-0007 Typical life 2 - 4 years
	Typical life 2 - 4 years		5 th stage "HF" HEPA Filter
		B	95% 2000HF-2095 99.97% 2000HF-2099 Odor-Rid 2000HF-3095
			Note: Qty 2 Typical life 2 - 4 years

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<u>ARO-4000</u>

Air Flow	3400-4100 cfm
Machine Tool Enclosure	Up to 4000 ft ³
Recommended Volume	
Motor	7.5 hp
Voltage (Amps)	230/3/60 (17)
	460/3/60 (8.5)
Inlet Connection (standard)	18" Ø
Sound	74 dB(A)
Coolant	30 – 3000 psi
Oil	30 – 3000 psi
pH limit	5.8 - 12
Temp limit	70 °C / 160 °F
Weight	1200 lbs
LxӁxH	74" x 25" x 79"
HEPA Filter	Standard



Stand

32" Tall Powder coated black

P/N: 099AMP-0004



	Motor Starter Panel	A DECEMBER OF THE OWNER	VFD Motor Starter
	NEMA 12		NEMA 1, programmed
	Basic start/stop, overloads 230/3/60 099EMS-1027		230/3/60 099EMS-1127 460/3/60 099EMS-1147
	460/3/60 099EMS-1027	ANTA	460/3/60 099EMS-1147
	Motor Starter Panel		VFD Motor Starter Panel
	NEMA 12		NEMA 12.
	Fused disconnect switch, start/stop,		Fused disconnect switch, start/stop,
	overloads, pilot light.		overloads, pilot light.
	230/3/60 099EMS-3027		IP 20 VFD, programmed.
	460/3/60 099EMS-3047		230/3/60 099EMS-7027
			460/3/60 099EMS-7047
1	VFD Motor Starter		Wire Kit
	NEMA 4X, programmed.		VFD rated cable, 30 ft, Strain reliefs (4)
. 10-5			099EMS-E005
-	460/3/60 099EMS-6047		
Filters for Coola	nt	Filters for Oil	
	4 4		5
-			
11100	1 st stage "ME" Mechanical Element		1 st stage "ME" Mechanical Element
111111111111		1111111111111	-
	A20FMS-0001		A20FMS-0001
	Note: Qty 2		Note: Qty 2
Millinger	Typical life 20 years +	HIDDOW	Typical life 20 years +
	2 nd stage "AF" Coolant Filter	Distance	2 nd stage "DE" Demister Element
AND AND S	-	State State State	•
	A20FAF-0001		A20FDE-0002
	Note: Qty 2		Note: Qty 2
	Typical life 10 years +	and the second sec	Typical life 10 years +
	3 rd stage "CM" Coolant Mist Filter		3 rd Stage "OM#5" Oil Mist Fibre Bed
	Stage om Coulant Mist Fillel		Filter
	A20FCM-0004		
	Nata Ot O		A20FOM-0005
	Note: Qty 2 Typical life 1 - 3 years		Note: Qty 2
		ALL A	Typical life 1 - 3 years
	4th stage "HF" HEPA Filter	IIIIIII	4th Stage "OM#7" Oil Mist Fibre Bed
- and the second second	059/ 00001/5 0005	1	Filter
5	95% 2000HF-2095 99.97% 2000HF-2099		A20FOM-0007
	Odor-Rid 2000HF-3095		
			Note: Qty 2
	Note: Qty 3 Typical life 2 - 4 years		Typical life 2 - 4 years
	r_{y}	+	
			5 th stage "HF" HEPA Filter
			1
	<u>. </u>		95% 2000HF-2095
		8	95% 2000HF-2095 99.97% 2000HF-2099
			95% 2000HF-2095
		0	95% 2000HF-2095 99.97% 2000HF-2099



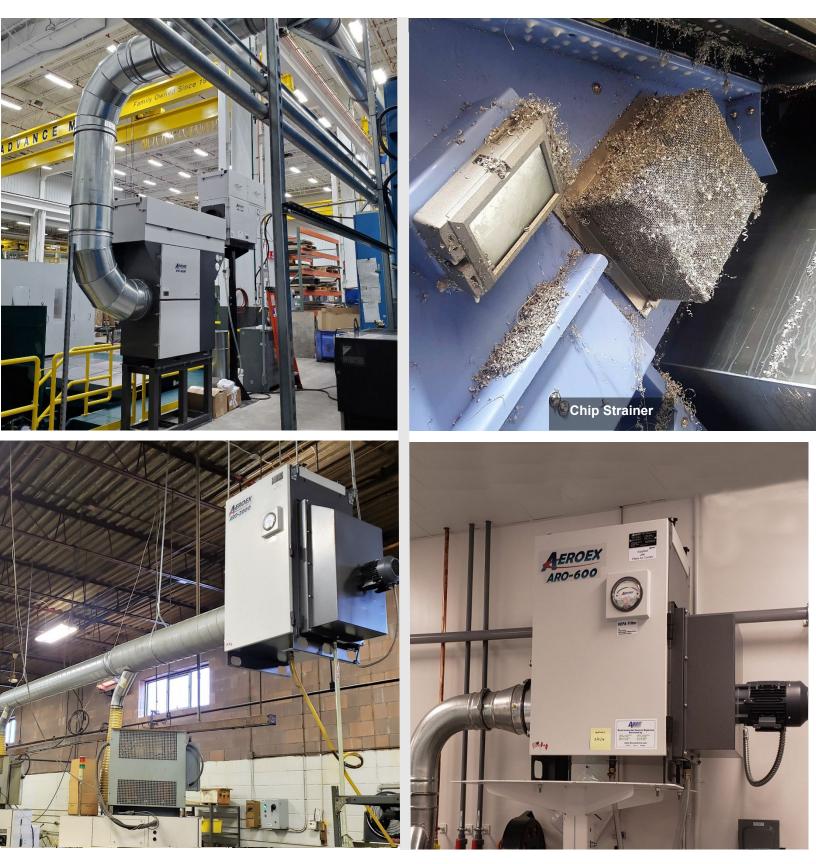


*for drawings and manuals visit www.aeroex.com/downloads

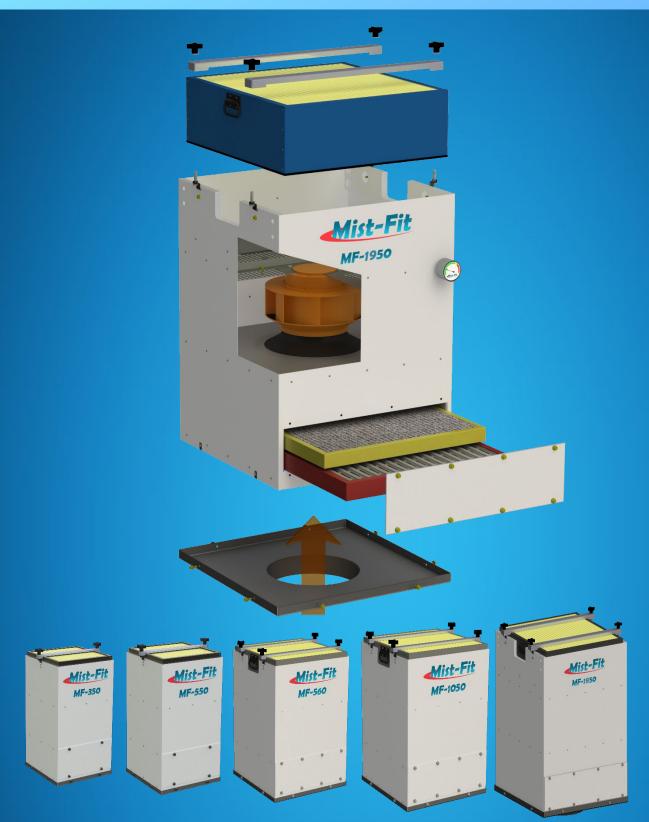








Mist-Fit Series Mist Collectors





The Mist-Fit Advantage

- Compact
- Economical
- The lowest priced Fibre Bed mist collector on the market
- Filter life of 2 years plus
- Optional HEPA filter for smoke and absolutely clean air
- Simple to mount, many mounting options.

Mist-Fit Filters Explained

Optional: **Pre-Filter Box** For oil and heavy mist. Recommended for Swiss screw machines. Extends filter life many times.

The innovative **1**st **stage** Mechanical Element separates up to 90% of the oil mist and swarf. The smooth metal surfaces quickly drain fluid back to the sump. Washable. *Typical life 20 years*

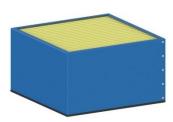
The **2nd stage** demister element supports the 1st stage to ensure up to 95% of the mist and swarf are removed. Washable. *Typical life 20 years*

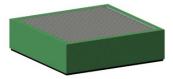
The **3rd stage** Fibre Bed mist filter is depth loading that capture small mist particles. With a filter rating of MERV 15, it can be used without a HEPA filter on most applications. *Typical life* 1 - 3 *years*.

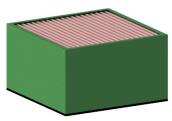
<u>Optional:</u> **4**th **stage** HEPA Filter captures sub-micron mist, smoke and bacteria. Efficiency 95% @ 0.3 μ m or 99.9% @ 0.3 μ m. *Typical life 2 – 4 years*

<u>Optional:</u> **4**th **stage** Odor-Rid filter Combination filter consisting of HEPA filter 95% and carbon filter media. For odor reduction.











MF-1950	1900 – 2000 cfm	Up to 2,000 ft ³	3 hp	230/3/60 (6.0) 460/3/60 (3.3)	12″ Ø	72 dB(A)	>	>	>	>					5.8 - 9.8	50°C/125°F
MF-1050	900 – 1100 cfm	Up to 450 ft ³	1.5 hp	230/3/60 (2.7) 460/3/60 (1.6)	8" Ø	69 dB(A)	>	>	>	>	>	>	>		5.8 - 9.8	50°C/125°F
MF-560	500 – 600 cfm	Up to 250 ft³	0.75 hp	115/1/60 (4.9) 220/1/60 (2.5) 230/3/60 (1.57) 460/3/60 (0.95)	6" Ø	68 dB(A)	>	>	>	>	>	>	>	>	5.8 - 9.8	50 °C/125 °F
MF-550	500-600 cfm	Up to 250 ft³	0.75 hp	115/1/60 (4.9) 220/1/60 (2.5) 230/3/60 (1.57) 460/3/60 (0.95)	6" Ø	68 dB(A)	>	>	>	>	>	>	>		5.8 - 9.8	50°C/125°F
MF-350	300-400 cfm	Up to 125 ft ³	0.5 hp	115/1/60 (3.0) 220/1/60 (1.5) 230/3/60 (0.93) 460/3/60 (0.56)	6" Ø	66 dB(A)	>	>	>		>	>	>		5.8 - 9.8	50 °C / 125 °F
Specifications	Air Flow	Machine Tool Enclosure Recommended Volume	Motor	Voltage (Amps)	Inlet Connection (Standard)	Sound	Coolant 30 psi	Coolant 500 psi	Coolant 1000 psi	Coolant 3000 psi	Oil 30 psi	Oil 500 psi	Oil 1000 psi	Heavy Smoke	pH limit	Temp limit

MIST-FIT SERIES



9



<u>MF-350</u>

Air Flow	300-400 cfm	· ·
Machine Tool Enclosure Recommended Volume	Up to 125 ft ³	Mist-Fit
Motor	0.5 hp	MF-350
Voltage (Amps)	115/1/60 (3.0) 220/1/60 (1.5) 230/3/60 (0.93) 460/3/60 (0.56)	• • •
Inlet Connection (standard)	6" Ø	•
Sound	66 dB(A)	•
Coolant	30 – 1000 psi	
Oil pH limit	30 – 1000 psi 5.8 – 9.8	
Temp limit Weight	50 °C / 125 °F 65 lbs	
LxWxH	15" x 15" x 26"	
HEPA Filter	Optional	

	Pre-Filter Box I For oil and high n applications <i>Recommended for machines</i>	nist	0000	Installation Kit 6" Ø Suction hose 6" Ø x 6 ft clamps, machine adapte strainer flat.	
00000	Installation Kit 4" Ø Suction hose 4" Ø 2 clamps, machin chip strainer flat.	e adaptor,	P	Offset Pedestal Height 8"	MF55-B005
N	Stand Height 11" Suction hose required	MF55-B002		Wall Mount Suction hose required	MF55-B006
	Side Mount	MF55-B003	Mist-Fit MF-350	Suspension Brackets Suction hose required	MF55-B007
Ŷ	Pedestal Height 8"	MF55-B004		Floor stand Adjustable 6 – 8 ft Galvanized steel Suction hose required	MF55-B219





	Motor Starter Panel NEMA 12 Basic start/stop, overloads 115/1/60 MF35-E115 220/1/60 MF35-E220		VFD Motor Starter NEMA 1 Techtop, programmed. 115/1/60 MF35-V115 220/1/60 MF35-V220
	230/3/60 MF35-E230 460/3/60 MF35-E460		230/3/60 MF35-V230 460/3/60 MF35-V460
	Wire Kit VFD rated cable, 20 ft, Strain reliefs (4)	MF55-E001	
	HEPA Filter Kit 4" c/w HEPA filter 95%	MF55-A020	Optional HEPA 4
	HEPA Filter Kit 8" c/w HEPA filter 99.97%	MF55-A021	Filter
	Odor-Rid Filter Kit 8" c/w Odor-Rid filter	MF55-A022	3
and the second	Chip Strainer Flat 6" Ø	MF55-A907	Mist-Fit
	Suction Hose 6" Ø sold by foot	MF55-A012	
	Hose clamp Set of 2 6" Ø	MF55-A013	
0	Machine Adaptor 6" Ø	MF55-A014	2
	Spare 4 th Stage HEPA Filter 4" 95%	MF55-F004	
	Spare 4 th Stage HEPA Filter 8" 99.9%	MF55-F005	Optional Pre-Filter Box
	Spare 4 th Stage Odor-Rid Filter 8"	MF55-F009	
	Spare 3 rd Stage Fibre Bed Filter	MF55-F007	
	Spare 2 nd Stage Demister Element	MF55-F002	
	Spare 1 st Stage Mechanical Element	MF55-F001	
	Spare Pre-Filter, replaces 1st and 2nd stages	MF55-F010	

1



<u>MF-550</u>

Air Flow	500-600 cfm	
Machine Tool Enclosure Recommended Volume	Up to 250 ft ³	Mist-Fit
Motor	0.75 hp	MF-550
Voltage (Amps)	115/1/60 (4.9) 220/1/60 (2.5) 230/3/60 (1.57) 460/3/60 (0.95)	
Inlet Connection (standard)	6" Ø	
Sound	68 dB(A)	
Coolant	30 – 3000 psi	
Oil pH limit	30 – 2000 psi 5.8 – 9.8	
Temp limit	50 °C / 125 °F	
Weight	65 lbs	
LxWxH	15" x 15" x 26"	
HEPA Filter	Optional	

	Pre-Filter Box MF For oil and high mist applications. Recommended for S machines		000	Installation Kit 6" Ø Suction hose 6" Ø x 6 ft clamps, machine adapto strainer flat.	
	Installation Kit MF 4" Ø Suction hose 4" Ø x 2 clamps, machine a chip strainer flat.		P	Offset Pedestal Height 8"	MF55-B005
R	Stand MF Height 11" Suction hose required	F55-B002		Wall Mount Suction hose required	MF55-B006
	Side Mount MF	=55-B003	Mist-Fit MF-350	Suspension Brackets Suction hose required	MF55-B007
Ŷ	Pedestal MF Height 8"	-55-B004	ļ	Floor stand Adjustable 6 – 8 ft Galvanized steel Suction hose required	MF55-B219

MIST-FIT SERIES



	Motor Starter Panel		VFD Motor Starter
	NEMA 12		NEMA 1
•	Basic start/stop, overloads		Techtop, programmed.
	115/1/60 MF55-E115		115/1/60 MF55-V115
(R)	220/1/60 MF55-E220		220/1/60 MF55-V220
	230/3/60 MF55-E230	A 1000 A	230/3/60 MF55-V230
	460/3/60 MF55-E460		460/3/60 MF55-V460
	Wire Kit VFD rated cable, 20 ft,	MF55-E001	
1	Strain reliefs (4)		200
	HEPA Filter Kit 4"	MF55-A020	
	c/w HEPA filter		
	95%		
	1		Optional
	1		HEPA 4
	HEPA Filter Kit 8"	MF55-A021	Filter
	c/w HEPA filter		
4.0	99.9%		
N. Contraction			
	Odor-Rid Filter Kit 8" c/w Odor-Rid filter	MF55-A022	
10			
			3
-			
1 e	Chip Strainer	MF55-A907	4
1 p	Flat 6" Ø		Mist-Fit
0			MIST
- 0- e i			
	Suction Hose	MF55-A012	
((((((((((((((((((((((((((((((((((((((6" Ø	MF55-AU12	
((())))))))))))))))))))))))))))))))))))	sold by foot		
Allanan			
II	Hose clamp	MF55-A013	
No.	Set of 2		
	6" Ø		
	Machine Adaptor	MF55-A014	
	6" Ø		- Contraction - Contraction
	Spare 4 th Stage	MF55-F004	
	HEPA Filter 4"		
	95% Spare 4 th Stage	MF55-F005	
	HEPA Filter 8"	WIF00-F000	Surfaced 5
	99.9%		Optional:
	33.370		Pre-Filter
	Spare 4 th Stage	MF55-F009	Box
	Odor-Rid Filter 8"		
	l		
	Spare 3 rd Stage	MF55-F007	
\leq	Fibre Bed Filter		
- costa	Spare 2 nd Stage	MF55-F002	
All all a second	Demister Element		
	Someter Eloniont		
all the second	Spare 1 st Stage	MF55-F001	
Allitican	Mechanical Element		
-	Shara Dra Filtar	MF55-F010	4
	Spare Pre-Filter, replaces 1st and 2nd	10103-6010	
	stages		



Mounting Options for MF-350 and MF-550

	Side Mount Extension, Short	
	c/w trim cover	
	4" Ø inlet x 6" long	MF55-L403
	5" Ø inlet x 6" long	MF55-L503
	6" Ø inlet x 6" long	MF55-L603
	Side Mount Extension Long	
	c/w trim cover	
	4" Ø x 20" long	MF55-L404
	5" Ø x 20" long	MF55-L504
	6" Ø x 20" long	MF55-L604
	0 Ø X 20 1011g	WI-33-L004
	MF55-L504 fits Doosan Puma GT2600	
	Blank Base Plate	MF55-B008
	For custom inlet cut on site	
Example of custom inlet cut.		
	Base Plates	
\ •.•>	4" Ø inlet	MF55-B009
	4" Ø inlet with oil drain nipple	MF55-BD09
	2 x 4" Ø inlets with oil drain nipple	MF55-BD10
	6" Ø inlet	MF55-B001
	6" Ø inlet with oil drain nipple	MF55-BD01
	4" + 6" Ø inlets with drain	MF55-BD11
	Base Plate Tsugami	MF55-B012
	Flange matches standard Tsugami mist collector flange	
-		
	Base Plate	MF55-B013
	5" Ø Inlet off-set	
	Fits Citizen A3-20 or L2-20	
	Base Plate	MF55-B014
	5" Ø Inlet off-set	
	Fits Citizen L32	
	Base Plate with side suction	MF55-B015
	5" Ø inlet	
	Eite Citizon I 12	
	Fits Citizen L12	
	Side Mount Kit (B016)	MF55-B016
	4" Ø inlet c/w PVC pipe, couples, etc.	
00.000		
	Fits Doosan TT1300 Kit	
	Side Mount Kit (B017)	MF55-B017
	4" Ø inlet	
	Inside cover plate	
	Fite p p or or	
	Fits Doosan Puma 2500	
	Side Mount Kit (B018)	MF55-B018
	4" Ø inlet	
	c/w trim cover	1
	Fits Doosan Puma 2600	



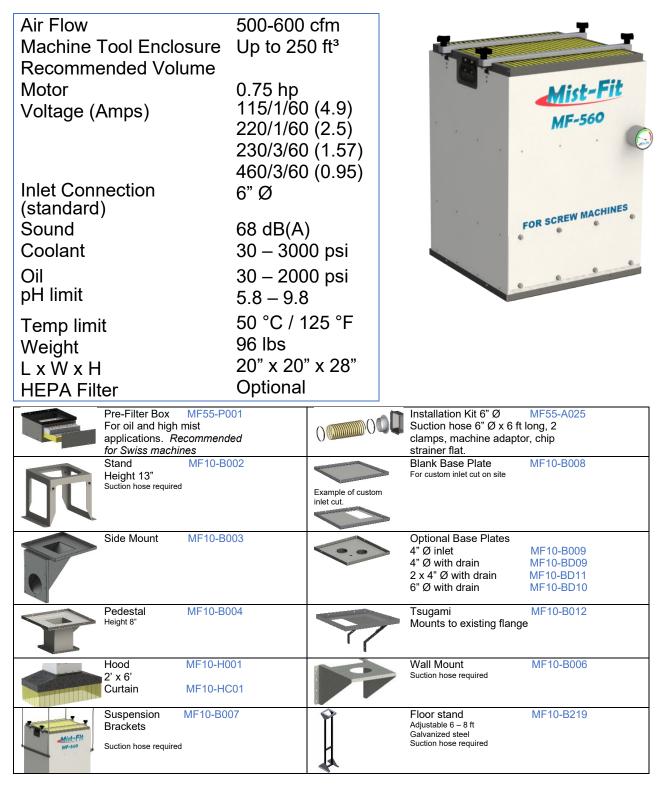
MIST-FIT SERIES

Side Mount (B019) Different hole location to standard 6" Ø Inlet Fits Doosan Puma V400 and V400M	MF55-B019
Base Plate Miyano Base 100 Ø, 150 x 170 mm Fits BNX-51 BNE-51	MF55-B020
Base Plate,Elevated-2" Base 10" x 10" x 2" ht 4" Ø inlet 5" Ø inlet 6" Ø inlet	MF55-B021 MF55-B022 MF55-B023
Baseplate MistBuster Flanges matches MistBuster's flange	MF55-B024
Machine Adaptor MistBuster Flanges matches MistBuster's flange 6" Ø inlet	MF55-A023
Machine Adaptor 4" Ø inlet Fits Miyano BNE51	MF55-A018
Machine Adaptor 4" Ø inlet Fits Miyano BNX51	MF55-A019



<u>MF-560</u>

for Swiss type machines and demanding applications







Motor Starter Panel			VFD Motor Starter		
	NEMA 12	and the second se	NEMA 1		
8	Basic start/stop, overloads		Techtop, programmed.		
	115/1/60 MF55-E115		115/1/60 MF55-V115		
(()	220/1/60 MF55-E220		220/1/60 MF55-V220		
	230/3/60 MF55-E230	A COMP &	230/3/60 MF55-V230		
	460/3/60 MF55-E460		460/3/60 MF55-V460		
	Wire Kit	MF55-E001			
6	VFD rated cable, 20 ft, Strain reliefs (4)				
	HEPA Filter Kit 4"	MF10-A020			
	c/w HEPA filter				
	95%				
			Optional HFPA		
	HEPA Filter Kit 8"	MF10-A021	HEPA 4		
	c/w HEPA filter		Filter		
	99.9%				
-	Odor-Rid Filter Kit 8"	MF10-A022			
	c/w Odor-Rid filter				
			3		
	Chip Strainer	MF55-A907			
2 Se	Flat 6" Ø				
			Adda Eit		
· · · · · ·			Mist-Fit		
Internet	Suction Hose	MF55-A012			
MMMMMMM))	6" Ø sold by foot				
(II)	Hose clamp	MF55-A013			
La la	Set of 2				
	6" Ø				
	Machine Adaptor	MF55-A014			
	6" Ø				
	Spare 4 th Stage	MF10-F004			
	HEPA Filter 4"				
	95%				
~	Spare 4 th Stage	MF10-F005			
	HEPA Filter 8"		Optional 5		
	99.9%		Pre-Filter		
	0		- Box		
	Spare 4 th Stage Odor-Rid Filter 8"	MF10-F009			
	Odor-Rid Filter 8"				
	Spare 3 rd Stage	MF10-F007			
	Fibre Bed Filter				
Allement	Spare 2 nd Stage	MF10-F002			
All all and a second	Demister Element				
	Chara 1st Olar				
Allinor	Spare 1 st Stage	MF10-F001			
Places.	Mechanical Element				
	Spare Pre-Filter,	MF10-F010			
	replaces 1st and 2nd				
	stages				



<u>MF-1050</u>

	nection)	900-110 Up to 45 1.5 hp 230/3/60 460/3/60 8" Ø 69 dB(A 30 – 300 30 – 200 5.8 – 9.8 50 °C / 1	0 ft³) (2.7)) (1.6))0 psi)0 psi }		Mist-Fit MF-1050
Weight	Weight		98 lbs 20" x 20" x 28"		
L x W x H HEPA Filt		Optional			
	Pre-Filter Box MF10-P For oil and high mist applications. Recomment for Swiss machines			Installation Kit 8" Ø Suction hose 8" Ø x 6 clamps, machine ada strainer flat.	
R	Stand MF10-E Height 13" Suction hose required	8002	Example of custor inlet cut.	Blank Base Plate For custom inlet cut on site	MF10-B008
	Side Mount MF10-E	3003	•••	Optional Base Plates 6" Ø with drain 8" Ø with drain 2 x 6" Ø with drain 6" + 8" Ø with drain	MF10-BD10 MF10-BD01 MF10-BD13 MF10-BD15
Ŷ	Pedestal MF10-E Height 8"	004		Tsugami Mounts to existing flam	MF10-B012 nge
	Hood MF10-H 2' x 6' Curtain MF10-H			Wall Mount Suction hose required	MF10-B006
Mitt-Fit M-350	Suspension MF10-B Brackets Suction hose required	007	Ĩ	Floor stand Adjustable 6 – 8 ft Galvanized steel Suction hose required	MF10-B219



	Motor Starter Panel		 VFD Motor	Starter
	NEMA 12 Basic start/stop, overloads 230/3/60 MF10-E230 460/3/60 MF10-E460		NEMA 1 Techtop, pro 115/1/60 220/1/60 230/3/60 460/3/60	Dgrammed. MF10-V115 MF10-V220 MF10-V230 MF10-V460
	Wire Kit VFD rated cable, 20 ft, Strain reliefs (4)	MF10-E001		
	HEPA Filter Kit 4" c/w HEPA filter 95%	MF10-A020	Optional	
	HEPA Filter Kit 8" c/w HEPA filter 99.9%	MF10-A021	HEPA Filter	4
	Odor-Rid Filter Kit 8" c/w Odor-Rid filter	MF10-A022		3
Ū	Chip Strainer 8" x 10" x 4" ht	MF10-A011		Mist-Fit
	Suction Hose 8" Ø sold by foot	MF10-A012		
	Hose clamp Set of 2 8" Ø	MF10-A013		
0	Machine Adaptor 8" Ø	MF10-A014		2
	Spare 4 th Stage HEPA Filter 4" 95%	MF10-F004		
	Spare 4 th Stage HEPA Filter 8" 99.9%	MF10-F005	Optional Pre-Filter	5
	Spare 4 th Stage Odor-Rid Filter 8"	MF10-F009	Box	
	Spare 3 rd Stage Fibre Bed Filter	MF10-F007		
	Spare 2 nd Stage Demister Element	MF10-F002		
- Million	Spare 1 st Stage Mechanical Element	MF10-F001		۵
	Spare Pre-Filter, replaces 1st and 2nd stages	MF10-F010		



<u>MF-1950</u>

Air Flow	1900-2000 cfm	_
Machine Tool Enclosure	Up to 2000 ft ³	
Recommended Volume		
Motor	3.0 hp	Adiata-Eit
Voltage (Amps)	230/3/60 (6.0)	155-110
. ,	460/3/60 (3.3)	MF-1950
Inlet Connection	12" Ø	
(standard)	(.)	
Sound	72 dB(A)	
Coolant	30 – 3000 psi	
Oil	Not Recommended	6
pH limit	See ARO-2000 5.8 — 9.8	0 0
•		ti de la companya de la compa
Temp limit	50 °C / 125 °F	A. e. p
Weight	270 lbs	
L×W×H	25" x 25" x 36"	
HEPA Filter	Optional	

Pre-Filter Box For high mist a	MF19-P001 oplications		Installation Kit 12" Ø Suction hose 12" Ø x 6 clamps, machine adapte strainer flat.	MF19-A019 ft long, 2 or, chip
Stand Height 23" Suction hose require	MF19-B002 d	Example of custom inlet cut.	Blank Base Plate For custom inlet cut on site	MF19-B008
Side Mount	MF19-B003	•••	Optional Base Plates 12" Ø with drain 2 x 8" Ø with drain	MF19-BD01 MF19-BD17
Hood 2' x 6' Curtain	MF19-H001 MF19-HC01		Wall Mount Suction hose required	MF19-B006
Mist-Fit MF-350	MF19-B007 d		Floor stand Adjustable 6 – 8 ft Galvanized steel Suction hose required	MF19-B219





0 1	Motor Starter Panel		VFD Motor Starter
	NEMA 12	A second se	NEMA 1
9	Basic start/stop, overloads		Techtop, programmed.
0	230/3/60 MF19-E230 460/3/60 MF19-E460		230/3/60 MF19-V230
	460/3/60 MF19-E460	4 com 4	460/3/60 MF19-V460
	Wire Kit	MF19-E001	
	VFD rated cable, 30 ft, Strain reliefs (4)		
	HEPA Filter Kit 8" c/w HEPA filter	MF19-A020	
	95%		Optional
	HEPA Filter Kit 12"	MF19-A021	HEPA 4
t	c/w HEPA filter 99.9%		Filter
	Odor-Rid Filter Kit 12" c/w Odor-Rid filter	MF19-A022	
1			3
	Chip Strainer	MF19-A011	
	12" x 14" x 4" ht		Mist-Fit
Internet	Suction Hose 12" Ø	MF19-A012	
	sold by foot		
II	Hose clamp	MF19-A013	
A A A A A A A A A A A A A A A A A A A	Set of 2		
	12" Ø		
	Machine Adaptor	MF19-A014	2
	12" Ø		
	Spare 4 th Stage	MF19-F004	
	HEPA Filter 8" 95%		
	Spare 4 th Stage	MF19-F005	E
	HEPA Filter 12" 99.9%		Optional 5
	Spare 4 th Stage	MF19-F009	Pre-Filter Box
	Odor-Rid Filter 12"		
	Spare 3 rd Stage Fibre Bed Filter	MF19-F007	
ABBORT	Spare 2 nd Stage	MF19-F002	
- Carlinger	Demister Element		
111111111	Spare 1 st Stage	MF19-F001	
Allan	Mechanical Element		



Direct Mount Blank Base Plate **Direct Mount Optional Base Plates** 1 Base Plate 6" Ø Inlet Custom 3 Mist-Fit cut on site Accessories > Chip strainer Mist-Fit Accessories Chip strainer Mist-Fil MF-550 MF-550 MF-550 Side Mount Pedestal Height 8" Offset Pedestal ×. Accessories > Chip strainer Accessories Height 8" Chip strainer Mist-Fit Accessories > Chip strainer Mist-Fit Mist-Fil MF-550 MF-550 MF-550

Mounting Options

Stand

Wall Mount

Suspended

Floor Stand

Hood



Mist-Fit MF-550

























Testimonial

I can now see the machine operator!

RY Tool & Die is a privately owned machine shop near Niagara Falls, ON. Ted Liske, owner, purchased a Mist-Fit MF-550 for a lathe.

Installation took only a hour with the side mount option and the Mist-Fit was running.

Results were instant, Ted, quickly called Aeroex and the first thing he said "I can now see the machine operator".

The operator reports that the air is noticeably cleaner and he no longer feels the effects of exposure to the coolant mist. Can't wait until all machines have Mist-Fit's !







Installation is simple and quick. Cut 6" hole in cnc machine. Drill bolt holes (9). Fasten side mount to cnc machine. Lift Mist-Fit onto side mount and fasten. Connect to electrical power.



Factory supplied mist collector not cleaning air!

TCR MACHINING LTD. located in Burlington, Ontario, is equipped with the latest equipment

and software, providing the flexibility and capability to offer customers a full range of services. TCR's main product is their StripMeister automatic wire stripping machines. A full range for stripping household to high voltage cables.

A new 5 axis milling machine was purchased with a factory installed mist collector. With very demanding





ROEX

machining combined with high pressure coolant, an oil mist haze could be seen throughout the

25,000 ft² plant.

The oil mist haze was totally unacceptable for owner Thomas Ruthmann. Thomas had Aeroex mist collectors in his plant and is very pleased, thus quickly called Aeroex for a solution. Aeroex's local sales engineer always has a Mist-Fit in his vehicle. After evaluation, a MF-550 with side mount was delivered from his vehicle, installed and running within 1 hour. Problem solved!

The filters in the Mist-Fit were inspected after 8 months of heavy machining. The HEPA filter was still like new, clean and dry. The primary filters were doing an amazing job at eliminating the fine mist & protecting the HEPA filter. The condition of the fibre bed filter was excellent, expected life is 2 - 3 years.

Installation using Side Mount is simple and quick.

Cut 6" hole or square in cnc machine. Drill bolt holes (9). Fasten side mount to cnc machine. Lift Mist-Fit onto side mount and fasten. Connect to electrical power.



IRIS Series Air Filtration Systems







IRIS Series Medical Grade Air Filtration Systems

AEROEX offers a wide range of single room portable solutions and/or centralized mechanical room/ceiling installs to service multiple rooms to optimize IAQ to that of Medical Grade standard.

We also have customized industrial machines to service larger industrial/institutional facilities like waste collection areas. The two stage filtration system has been engineered with certified HEPA filters up to 99.99% efficiency on particles at 0.3µm.

Viruses and contaminants that adhere to aerosols or particulate

matter can be trapped in the HEPA filter, reducing the concentration of contaminants in the room. This will reduce the risk of exposure to an airborne contaminant.

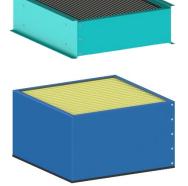
The IRIS Series is a highly engineered air purification machine, designed to provide clean air by capturing:

- Micron airborne aerosols which viruses adhere to
- Particulate matter
- Microorganisms
- VOC's/chemicals• Allergens

IRIS Filters Explained

Compact and big on performance.

The innovative 1st stage filter removes large particles, VOCs and odors. Typical life 3-6 months.



The 2nd stage HEPA filter captures sub-micron particles at an efficiency 99.99% @ 0.3 μ m. Typical life 12-36 months.

EROEX



Air Flow	400 cfm
Max Static.	3.0 w.c.
Motor	0.5 hp
Voltage (Amps)	115/1/60 (3.0)
Sound	62 dB(A)
LxWxH	15" x 15" x 26"
Weight	75 lbs
HEPA Filter Area	78 ft ²
Carbon Filter	Included





Source Capture Kit single hose double hose	IR60-B001
Ceiling mount Kit Height 8"	IR60-B003
Wall Mount	MF55-B006
**Replaces Mobility	/ Kit
Spare 4 th Stage HEPA Filter 8" 99.9% @ 0.3 µm	
Spare Carbon Pre-Filter	IR60-F010
Wire Kit	MF55-E001
 VFD rated cable,	, 20 ft, Strain reliefs (4)



Air Flow	600 cfm
Max Static	3.5 w.c.
Motor	0.75 hp
Voltage (Amps)	115/1/60 (4.9)
Sound	65 dB(A)
LxWxH	15" x 15" x 26"
Weight	75 lbs
HEPA Filter Area	78 ft ²
Carbon Filter	Included





Source Capture Kit single hose double hose	IR60-B001
Ceiling mount Kit Height 8"	IR60-B003
Wall Mount	MF55-B006
**Replaces Mobility	/ Kit
Spare 4 th Stage HEPA Filter 8" 99.9% @ 0.3 µm	
Spare Carbon Pre-Filter	IR60-F010
	MF55-E001 , 20 ft, Strain reliefs (4)



Air Flow	1100 cfm
Max Static in. w.c.	4.6
Motor	1.5 hp
Voltage (Amps)	220/1/60 (5.1)
	230/3/60 (2.7)
	460/3/60 (1.6)
Sound	68 dB(A)
LxWxH	20" x 20" x 28"
Weight	140 lbs
HEPA Filter Area	126 ft².
Carbon Filter	Included



			Wall Mount MF10-B006 **Replaces Mobility Kit
	AEROEX	Mist-Fit MF-350	Suspension MF10-B007 Brackets Suction hose required
	IRIS-1100		Floor stand MF10-B219 Adjustable 6 – 8 ft Galvanized steel Suction hose required
			Hood MF10-H001 2' x 6' Optional:Curtain MF10-HC01
			Spare 4 th Stage MF10-F005 HEPA Filter 8" 99.9% @ 0.3 μm
• •			Spare IR10-F010 Carbon Pre-Filter
	•		Wire Kit MF10-E001 VFD rated cable, 20 ft, Strain reliefs (4)
	Motor Starter Panel		VFD Motor Starter
•	NEMA 12 Basic start/stop, overloads		NEMA 1
			Techtop, programmed.
®	230/3/60 MF10-E230		115/1/60 MF10-V115
	460/3/60 MF10-E460	A.m. A	220/1/60 MF10-V220 230/3/60 MF10-V230
			460/3/60 MF10-V230



IRIS SERIES

Air Flow	2000 cfm
Max Static.	6.4 w.c.
Motor	3 hp
Voltage (Amps)	230/3/60 (6.0) 460/3/60 (3.3)
Sound	70 dB(A)
LxWxH	25" x 25" x 36"
Weight	310 lbs
HEPA Filter Area	385 ft ²
Carbon Filter	Included



Height 23" Suction hose required	
Wall Mount MF19-B006 **Replaces Mobility Kit	
AEROEX Mist-Fit MF-330 Suspension MF19-B007 Brackets Suction hose required	
Floor stand MF19-B219 Adjustable 6 – 8 ft Galvanized steel Suction hose required	
Hood MF19-H001 2' x 6' Optional:Curtain MF19-HC01	
Spare 4 th Stage MF19-F005 HEPA Filter 8" 99.9% @ 0.3 μm	
Spare IR20-F010 Carbon Pre-Filter	
Wire Kit MF10-E001 VFD rated cable, 20 ft, Strain reliefs (4)	
Motor Starter Panel VFD Motor Starter NEMA 12 NEMA 1	
Inextication NetWA 12 NetWA 12 Basic start/stop, overloads 230/3/60 MF10-E230 115/1/60 MF10-V115 460/3/60 MF10-E460 220/1/60 MF10-V220 230/3/60 MF10-V230 460/3/60 MF10-V460 1000000000000000000000000000000000000	



Air Flow	2000 cfm
Max Static.	10.5 w.c.
Motor	7.5 hp
Voltage (Amps)	230/3/60 (17.0)
	460/3/60 (8.1)
	575/3/60 (6.8)
LxWxH	68" x 25" x 70"
Weight	1000 lbs
HEPA Filter Area	770 ft ²
Carbon Filter	Optional



	1 st stage "DE" Demister Element Note: IRIS-4500 uses 2 Demister Elements	A20FDE-0002	
	2 nd stage MERV9 Fibre Bed Filter Note: IRIS-4500 uses 2 Fibre Bed Filters	A20FCM-0004	
P	3rd stage "HF" HEPA Filter 99.9% @ 0.3 μm Note: IRIS-4500 uses 2 HEPA Filters Typical	2000HF-2099	





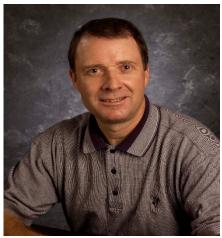




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