

AERDEX

TECHNOLOGIES

MF-560

BROCHURE

MADE IN NORTH AMERICA.
TRUSTED BY ALL.





MF-560

The Mist-Fit MF-560, designed for high-pressure applications, delivers effective filtration to remove mist and smoke.

With a 20" x 20" size, 96 lbs weight, and over 50 mounting accessories, installation is seamless. The optional Pre-Filtration box extends filter life, especially for Swiss Lathe Screw Machines. Opt for MF-560 for superior mist elimination and optimized machining performance.

PRODUCT SPECS

Air Flow	500-600 cfm
Machine Tool Enclo. Recom Volume	Up to 250 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)
Inlet Connection	6"Ø
Sound	68 dB(A)
Coolant	30 - 3000 psi
Oil	30 - 2000 psi
pH limit	5.8 - 9.8

Temp limit	50 °C / 125 °F
Weight	86 lbs
Length	18.9"
Width	18.9"
Height	28.8"
HEPA Filter	Optional

FILTERS OVERVIEW

The Mist Fit MF-560 offers unmatched versatility with modular designs for optional prefilters and HEPA filters. User-friendly and efficient, easily replaceable filters minimize downtime, saving time and costs.

REPLACEMENT FILTERS



1ST STAGE MECHANICAL ELEMENT
MF10-F001



2ND STAGE DEMISTER ELEMENT
MF10-F002



3RD STAGE FIBRE BED FILTER
MF10-F007



OPTIONAL 4TH STAGE FILTER
4" HEPA 95% MF10-F004
8" HEPA 99.9% MF10-F005
8" ODOR-RID FILTER MF10-F009

FILTER KITS



HEPA FILTER KIT 4" c/w HEPA FILTER 95%
MF10-F011



HEPA FILTER KIT 8" c/w HEPA FILTER 99.9%
MF10-F012



ODOR-RID FILTER KIT 8" c/w ODOR-RID FILTER
MF10-F013

OPTIONAL FILTERS



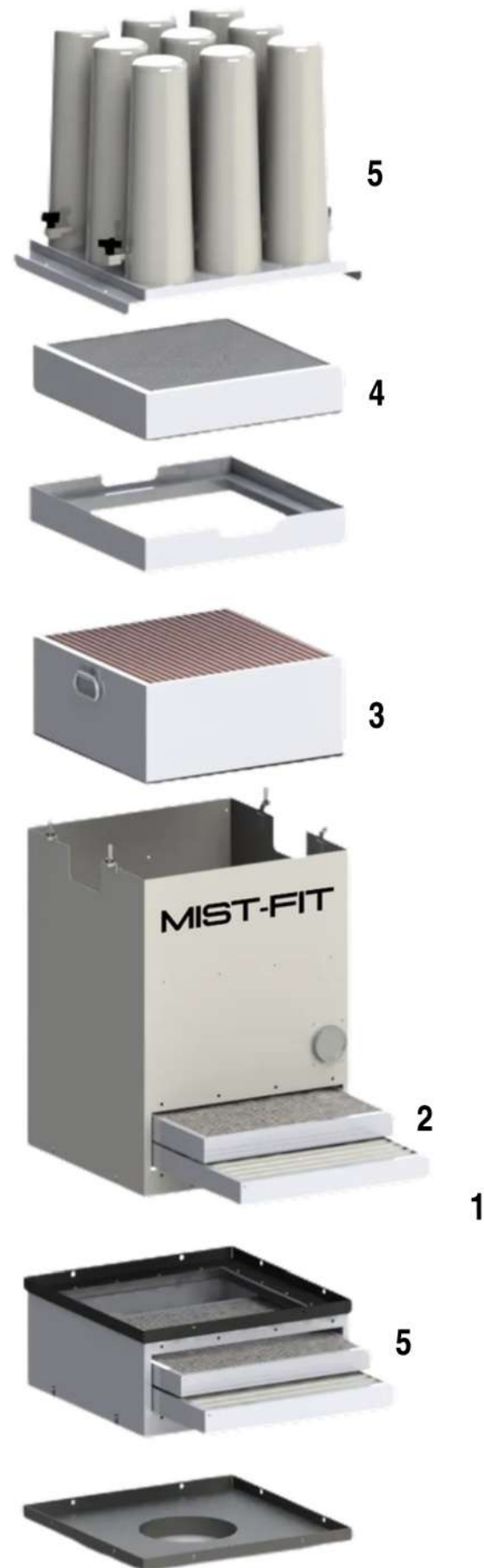
5TH STAGE PRE FILTRATION BOX
For oil and heavy mist, recommended for Swiss Screw Machines
MF10-F014

1st Stage Mechanical Element and 2nd Stage Demister Element



CARBON CANISTERS
CARB-0018

FILTERS TECHNOLOGY



MF-560

Mechanical Element: Separates up to 90% of coolant/oil mist and swarf, draining fluid back to the sump through smooth metal surfaces.

Demister Element: Supports the first stage, removing up to 95% of mist and swarf with washable filters. 80% up to 5 microns.

Depth Loading Fibrebed Filter: Rated MERV 15, its depth-loading offers up to 25 times more surface area than standard filters. Outclasses competitors with its thick composition, minimizing blockage and boosting efficiency. Built for longevity with a 1-3 year lifespan. 85% to 95% up to 0.3 microns.

Optional HEPA Filter: Our optional HEPA filter comes in two variants: 95% efficiency at 0.3 microns or 99.97% at 0.3 microns providing solutions for the most demanding applications. These filters are made with exclusive heavy-duty filter media, ensuring exceptional performance and longevity.

Optional Pre-Filter Box: Filtration module containing non-consumable mechanical element and demister filters. Recommended for oil and heavy mist, particularly beneficial for Swiss lathes. Significantly extends filter life.

Optional Carbon Filter Stage: Activated carbon cells can be added to absorb oil vapors, odors, and light chemical fumes. This stage is especially useful in specialty applications where vapor control and odor reduction are critical, enhancing overall air quality beyond particulate filtration.



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BASEPLATES

The baseplate stabilizes the Mist-Fit collector, preventing movement or vibration, ensuring efficient mist collection and reducing environmental disruptions.

BASEPLATES



STANDARD

MF-550 & MF-750
MF-560 & MF-1050
MF-1950

MF55-B001
MF10-B001
MF19-B001



KIT FOR SURFACE GRINDER

MF-550
Base Only

MF55-A026 (Kit)
MF55-BD32
(Base only 4: & 2")



BLANK

MF-550 & MF-750
MF-560 & MF-1050
MF-1950

MF55-B008
MF10-B008
MF19-B008



BASES WITH OIL DRAINS

MF-550 & MF-750
MF-560 & MF-1050
MF-1950

MF55-BD10
MF10-BD01
MF19-BD17



SIDE MOUNT

MF-550 & MF-750
MF-560 & MF-1050
MF-1950

MF55-B003
MF10-B003
MF19-B003



PLENUM

MF-550 & MF-750
MF-560 & MF-1050

MF55-B028
MF10-B014



PEDESTAL

MF-550 & MF-750
MF-560 & MF-1050

MF55-B004
MF10-B004



BASE W/TEE INLET

MF-1050
(For high liquid volume or spray cleaning elements.)

MF10-B015



OFF-SET PEDESTAL

MF-550 & MF-750
MF-560 & MF-1050

MF55-B005
MF10-B005



UNIVERSAL INSTALLATION KIT

MF-550 & MF-750
MF-560 & MF-1050
MF-1950

MF55-A025
MF10-A024
MF19-A024

(Baseplate and machine stand sold separately.)

We offer an extensive selection of baseplates designed for seamless integration with leading machine brands and the option to manufacture custom baseplates tailored to your specific requirements:

Miyano

Star
CNC Machine Tool Corp.

DN
SOLUTIONS

NT
Nakamura-Tome

DMG
MORI

Matsuura

CITIZEN

& MANY MORE!

MF-560

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ACCESSORIES

INSTALLATION



SUSPENSION BRACKET

MF-550 & MF-750	MF55-B007
MF-560 & MF-1050	MF10-B007
MF-1950	MF19-B007



MACHINE STAND

MF-550 & MF-750	MF55-B002
MF-560 & MF-1050	MF10-B002
MF-1950	MF19-B002



WALL MOUNT

MF-550 & MF-750	MF55-B006
MF-560 & MF-1050	MF10-B006
MF-1950	MF19-B006



FLOOR STAND ADJUSTABLE 6' - 8'

MF-550 & MF-750	MF55-B219
MF-560 & MF-1050	MF10-B219
MF-1950	MF19-B219

MISCELLANEOUS



CHIP STRAINER

MF-550, MF-560 & MF-750	MF55-A097
MF-1050	MF10-A011
MF-1950	MF19-A011



SUCTION HOSE

MF-550, MF-560 & MF-750	099MPH-0006
MF-1050	099MPH-0008
MF-1950	099MPH-0012



HOSE CLAMP

MF-550, MF-560 & MF-750	099AHC-0006
MF-1050	099AHC-0008
MF-1950	099AHC-0012



MACHINE ADAPTER

MF-550, MF-560 & MF-750	099AMS-0006
MF-1050	099AMS-0008
MF-1950	099AMS-0012

HOOD & CURTAIN

MODEL	HOOD	CURTAIN
MF-550 & MF-750	NOT AVAILABLE	NOT AVAILABLE
MF-560 & MF-1050	MF10-H001	MF10-HC01
MF-1950	MF19-H001	MF19-HC01

REPLACEMENT PARTS

MOTORIZED IMPELLER

MODEL	VOLTAGE		
	115/1/60	220/1/60	230/460/3/60
MF-550, MF-560 & MF-750	MF55-M115	MF55-M220	MF55-M460
MF-1050	N/A	N/A	MF10-M460
MF-1950	N/A	N/A	MF19-M460



STATUS GAUGE

MF-A031

COLLECTORS

THE MIST-FIT HIGH PERFORMING, COMPACT MIST COLLECTORS

The Mist-Fit is a line of compact yet powerful mist collectors designed to effectively remove harmful airborne particulates such as coolant and oil mist, a common byproduct of machining applications. Mitigate the risks associated with oil mist exposure to your personnel and facility by opting for an Aeroex Mist-Fit mist collector that meets your unique operational needs.



MF-560

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MOUNTING OPTIONS

MOUNTING OPTIONS

The Mist-Fit features flexible mounting options for maximum efficiency and customizability in industrial environments. It has a modular design that allows versatile installation in different arrangements and spots, with over 50 machine mount variations ensuring a seamless process.

DIRECT MOUNT

Suitable for compact spaces, it directly affixes the mist collector to the machine tool, minimizing the spread of airborne contaminants.

SUSPENDED MOUNT

Ideal for limited floor space or closely located machines, it attaches the collector to the ceiling for centralized collection of rising mist.

WALL MOUNT

Saves floor space by utilizing vertical space, ideal for smaller spaces or when other mounts are not feasible.

FLOOR STAND

Offers flexibility by placing the collector on an adjustable stand and connecting it with a suction hose, overcoming obstructions that prevent direct mounting.



DIRECT MOUNT OPTIONS

MACHINE SPECIFIC MOUNTING AVAILABLE

PEDESTAL



Elevates the collector, ideal for limited floor space and easy maintenance.

SIDE MOUNT



Attaches the collector to the side of the machine, maximizing available vertical space and keeping it near the mist source.

DIRECT MOUNT



Attaches the collector directly to the machine, minimizing contaminant spread in compact environments.

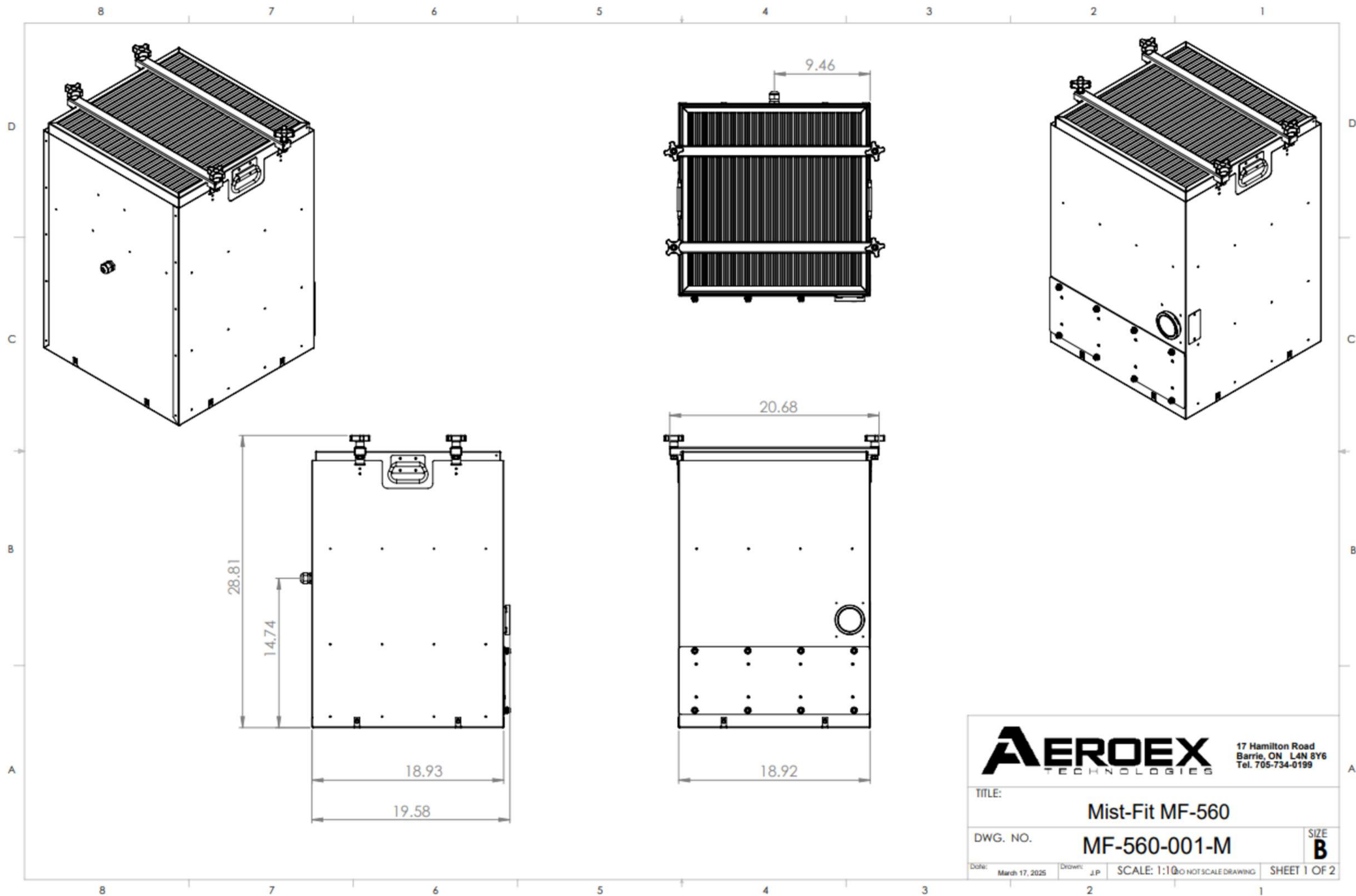
STAND & SUCTION HOSE



Places the collector on a free-standing structure connected by a suction hose, offering flexible positioning and easy relocation as facility or machine needs change.

MIST-FIT COMPARSION TABLE

SPECIFICATION	MF-550	MF-560	MF-750	MF-1050	MF-1950
AIR FLOW	500-600 cfm	500-600 cfm	700-800 cfm	900 - 1100 cfm	1900 - 2000 cfm
MACHINE TOOL ECN. RECOMMENDED VOL.	Up to 250 ft³	Up to 250 ft³	Up to 400 ft³	Up to 450 ft³	Up to 2000 ft³
MOTOR	0.75hp	0.75hp	1.5hp	1.5hp	3hp
VOLTAGE (AMPS)	115/1/60 (4.9) 220/1/60 (2.5) 230/3/60 (1.57) 460/3/60 (0.95)	115/1/60 (4.9) 220/1/60 (2.5) 230/3/60 (1.57) 460/3/60 (0.95)	230/3/60 (2.7) 460/3/60 (1.6)	230/3/60 (2.7) 460/3/60 (1.6)	230/3/60 (6.0) 460/3/60 (3.3)
INLET CONNECTION (STANDARD)	6" Ø	6" Ø	6" Ø	8" Ø	12" Ø
SOUND	68 dB (A)	68 dB (A)	68 dB (A)	69 dB (A)	72 dB (A)
pH LIMIT	5.8 - 9.8 a	5.8 - 9.8 a	5.8 - 9.8 a	5.8 - 9.8 a	5.8 - 9.8 a
TEMP LIMIT	50°C / 125°F	50°C / 125°F	50°C / 125°F	50°C / 125°F	50°C / 125°F



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TECHNOLOGIES

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TITLE:

Mist-Fit MF-560

DWG. NO.

MF-560-001-M

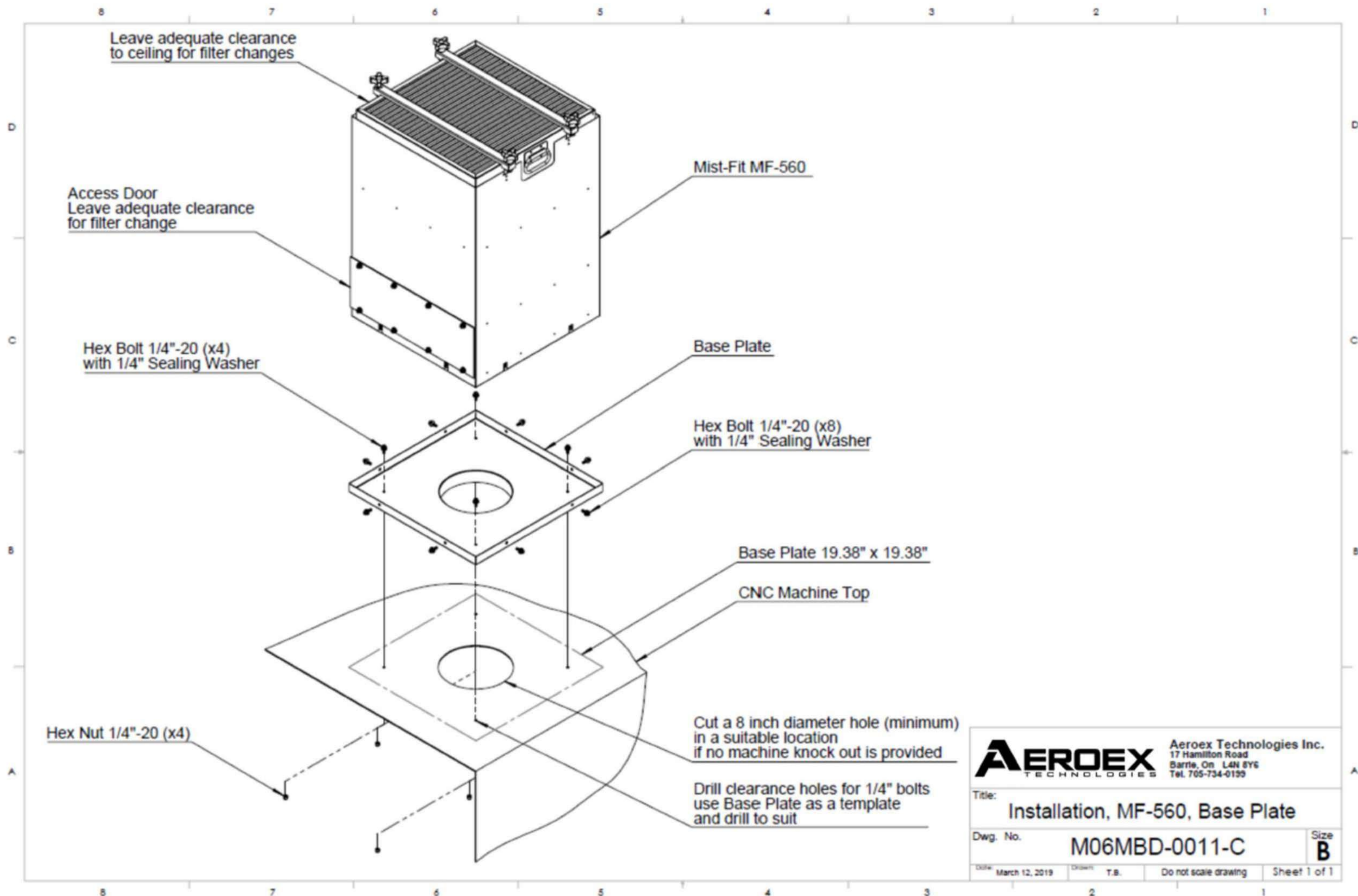
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Date: March 17, 2025

Drawn: J.P.

SCALE: 1:10 (NOT SCALE DRAWING)

SHEET 1 OF 2



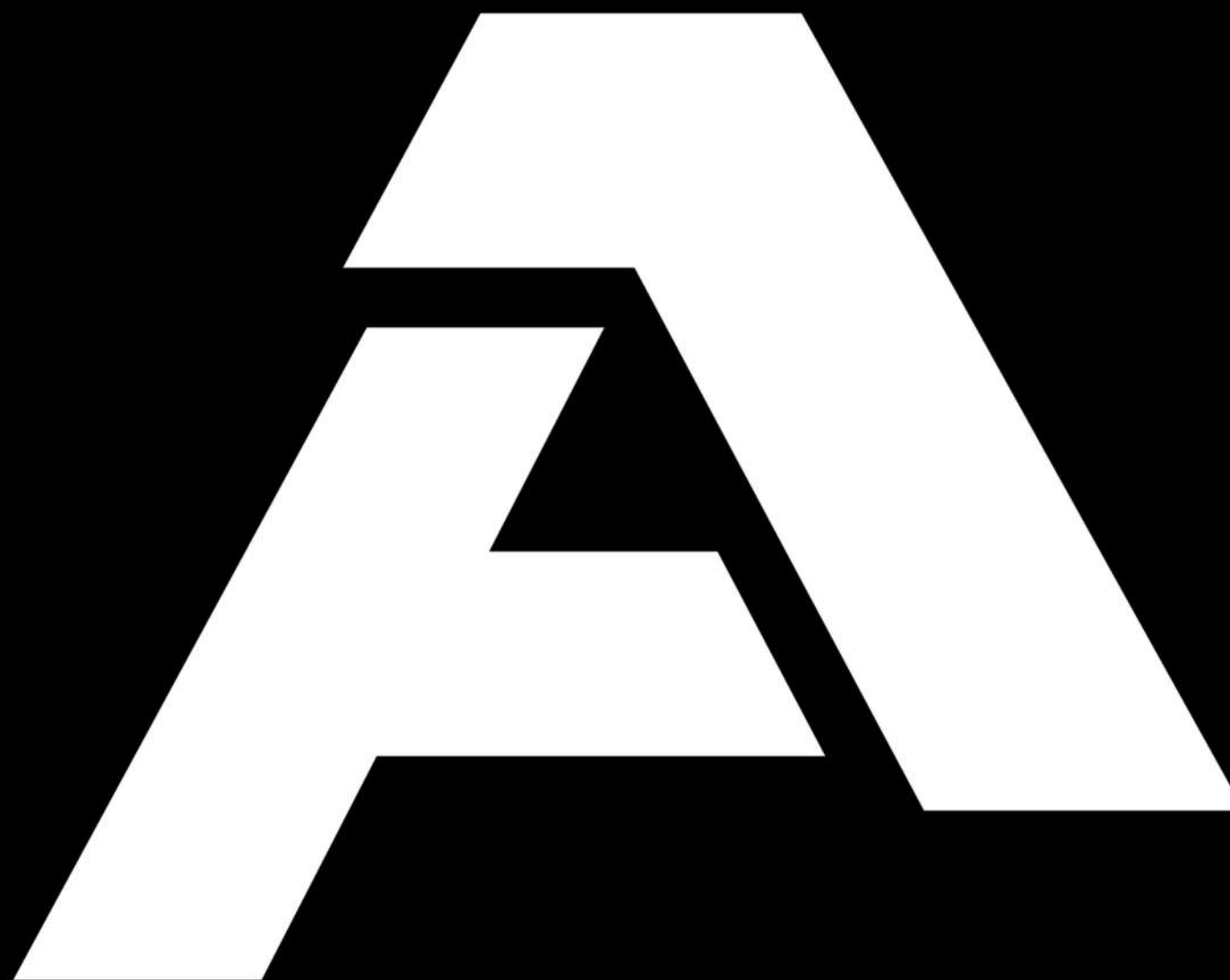
Aeroex Technologies Inc.
17 Hamilton Road
Barrie, On L4N 8Y6
Tel. 705-734-0199

Title: Installation, MF-560, Base Plate

Dwg. No. M06MBD-0011-C

Size
B

Date: March 12, 2019 Drawn: T.B. Do not scale drawing Sheet 1 of 1



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