

EXOMIST / LT3000 R1 PUMP MOUNT KITS

KIT / ORDER INCLUDES		
PART NUMBER	FILTERS	VOLTAGE
AT EXO LT3000 PM R1 LV	EMULSION/WATER	208/230V
AT EXO LT3000 PM R1 LV O	OIL	208/230V
AT EXO LT3000 PM R1 HV	EMULSION/WATER	480V
AT EXO LT3000 PM R1 HV O	OIL	480V

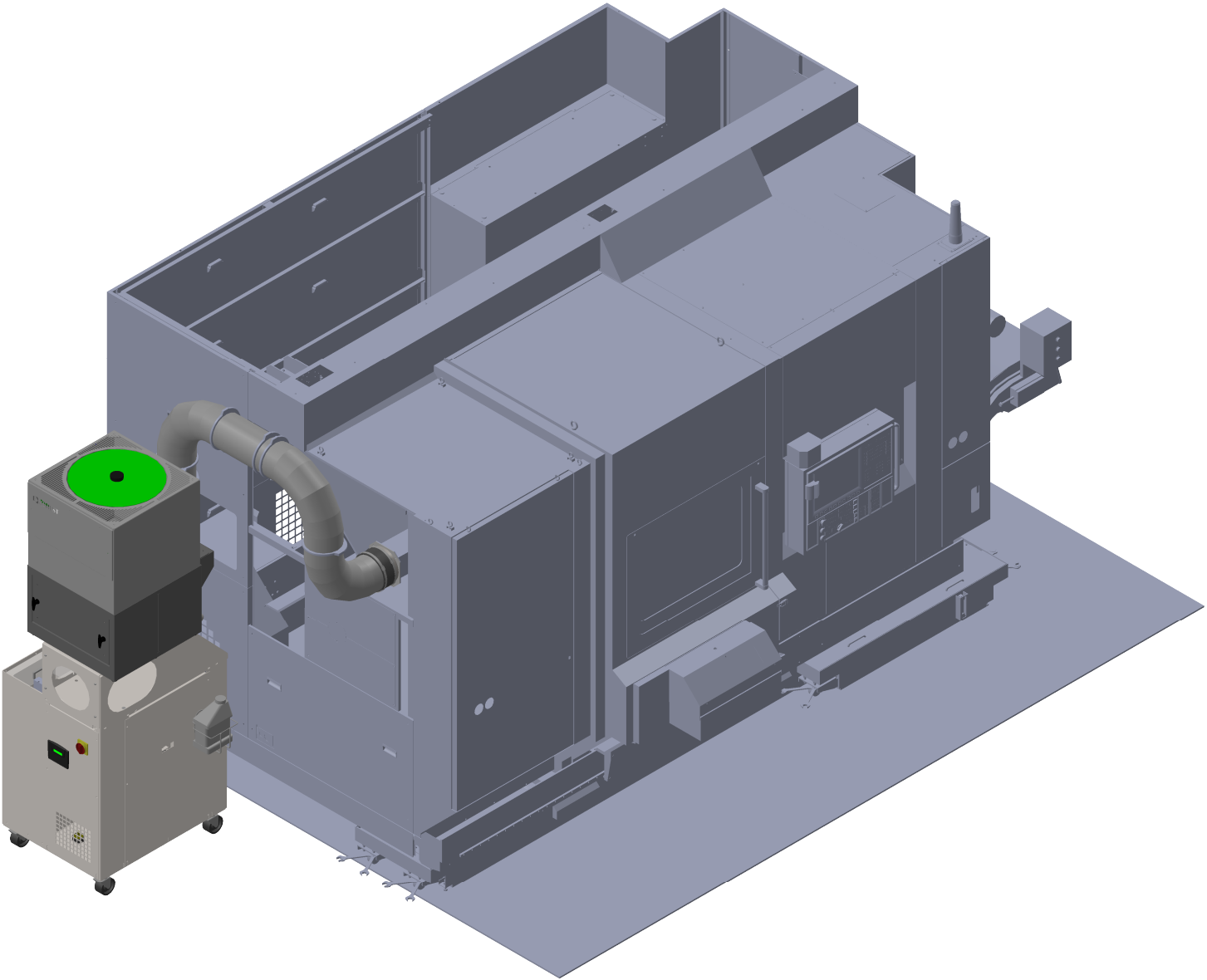
*EXOMIST COMES WITH AN OVERFLOW INDICATOR (SEE SCHEMATIC ON SHEET 4

PACKET INCLUDES:

- 1. EXOMIST / LT3000 R1 PUMP MOUNT KITS
- 2. EQUIPMENT PLACEMENT SPECIFICATIONS
- 3. EXOMIST FLOOR PLAN
- 4. EXCESSIVE FLOW INDICATOR SCHEMATIC
- 5. ELECTRICAL INSTALL KIT SCHEMATIC
- 6. MOUNTING BRACKET SCHEMATIC
- 7. MIST PORT/BAFFLE KIT SCHEMATICS
- 8. DUCT KIT SCHEMATIC
- 9. MIST PORT INSTALLATION
- 10. DUCT KIT INSTALLATION

KIT INCLUDES:

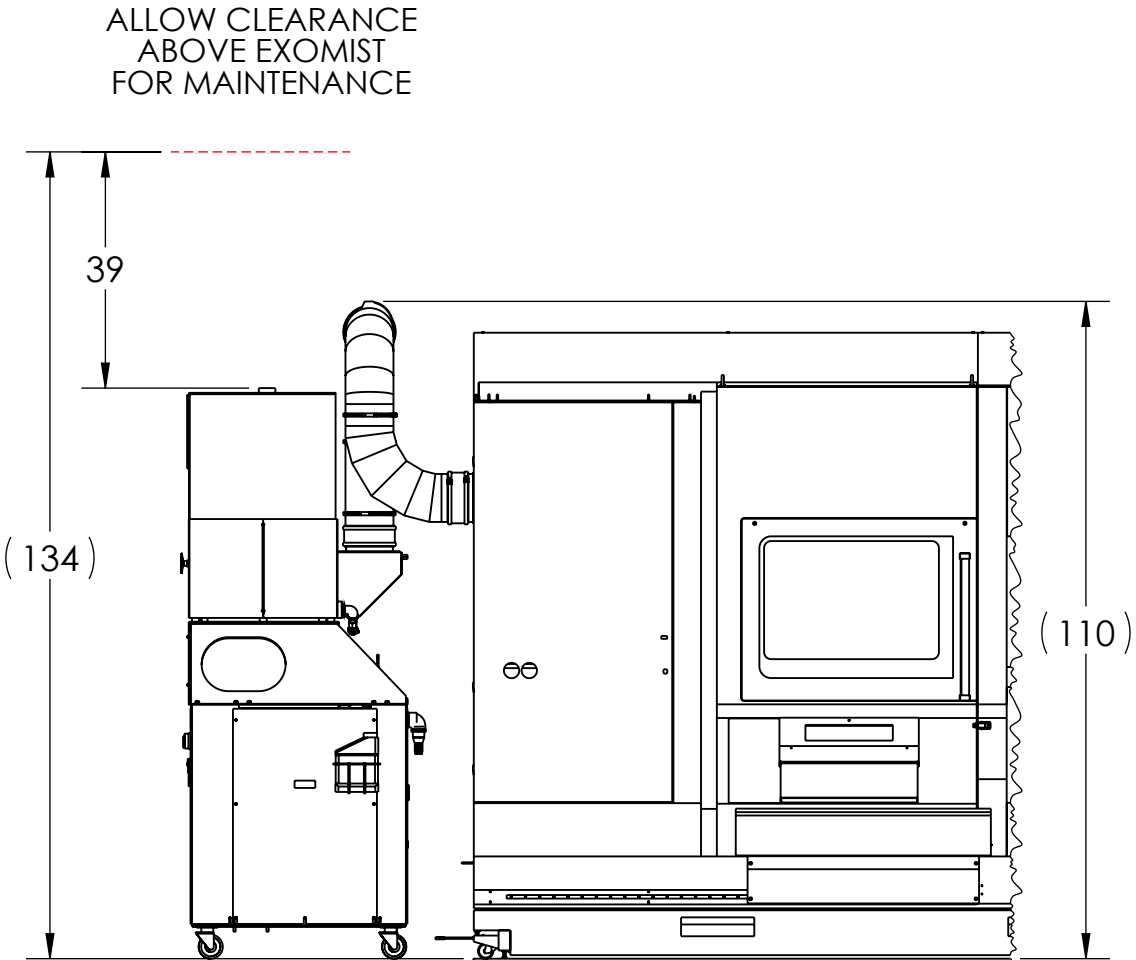
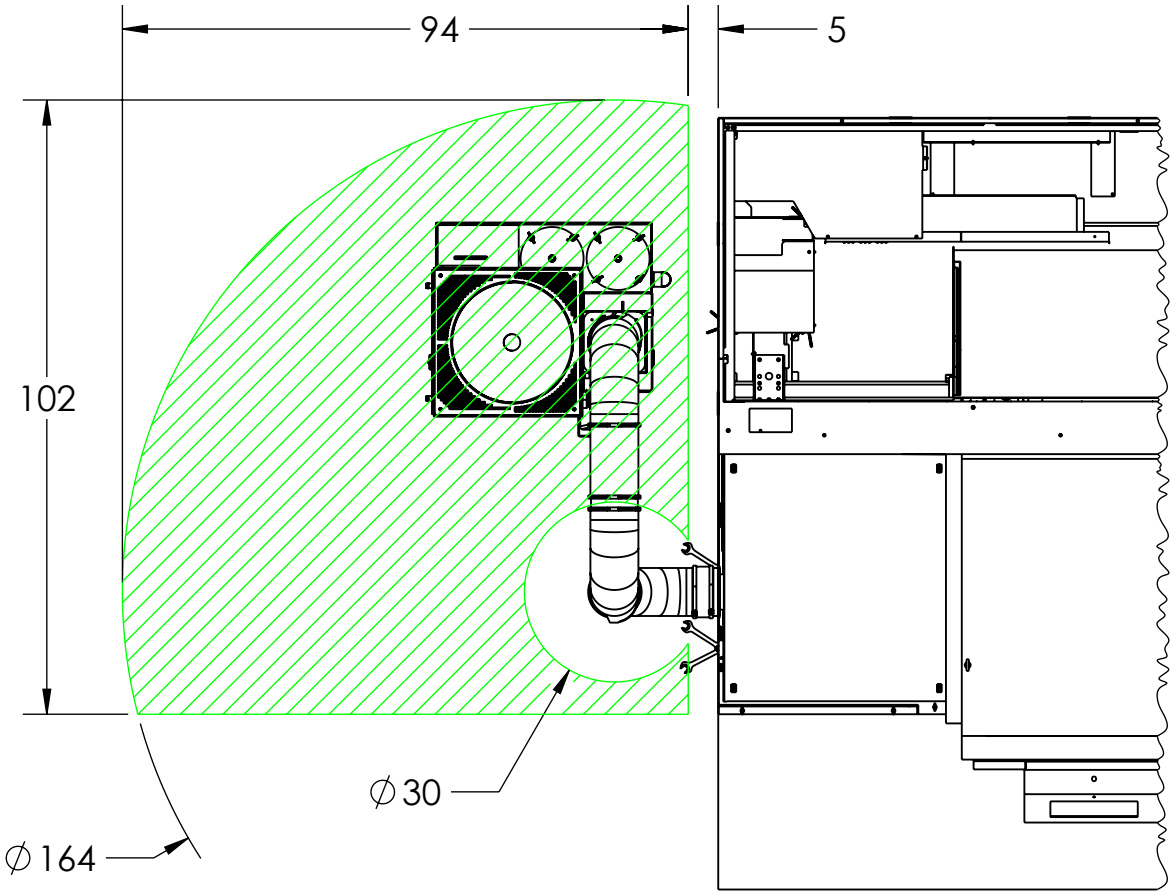
- MIST COLLECTOR
- ELECTRICAL INSTALL KIT
- MOUNTING BRACKET
- MACHINE SIDE MIST PORT
- MACHINE SIDE BAFFLE
- DUCT KIT



	MATERIAL	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ±1/64 ANGULAR: MACH ±.5° BEND ±.5° TWO PLACE DECIMAL .010 THREE PLACE DECIMAL .005	COMMENTS:		NAME	DATE	TITLE: EXOMIST / LT3000 R1 PUMP MOUNT KITS	SIZE	DWG. NO.	REV
	SEE PARTS			DRAWN	MFERNANDEZ	6/18/2026		B	AT EXO LT3000 PM R1 KITS	02
	FINISH									
	SEE PARTS			CHECKED						
DO NOT SCALE DRAWING				MP Systems 90 PHEONIX AVE ENFIELD, CT 06082 1-877-689-1860					SCALE: 1:32	WEIGHT: 5275.88
			THIS DRAWING CONTAINS PROPRIETARY INFORMATION. DO NOT COPY. ALL RIGHTS RESERVED.							

EQUIPMENT PLACEMENT SPECIFICATIONS

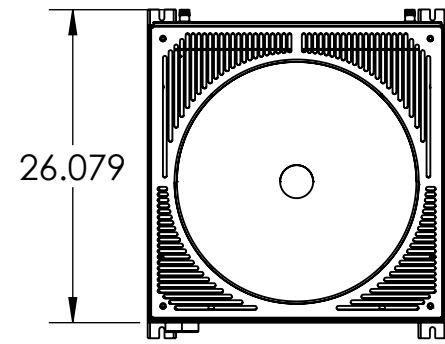
ENTIRE PUMP MUST FIT INSIDE GREEN AREA.
DUCT MUST NOT OBSTRUCT THE MAIN FILTER COVER



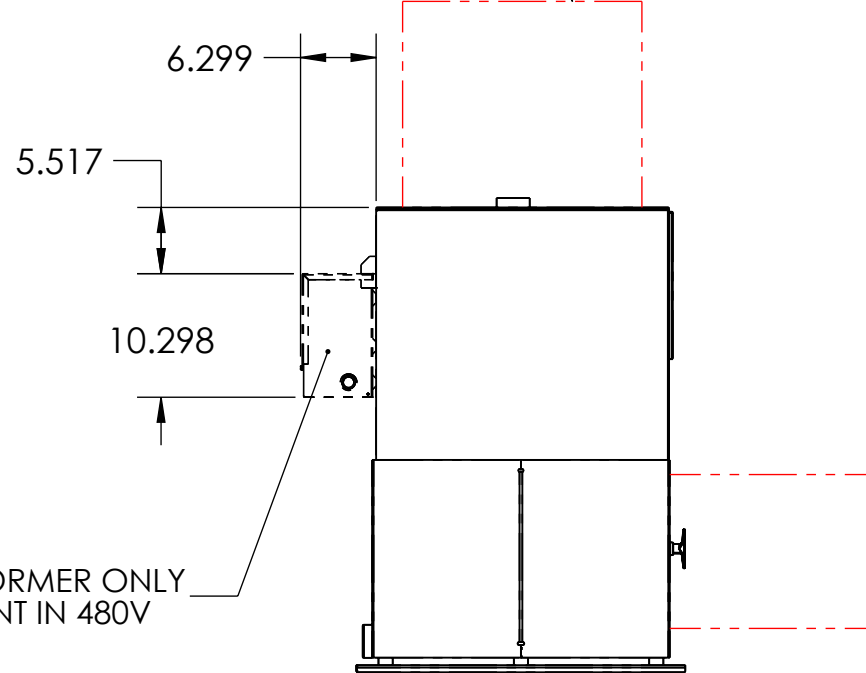
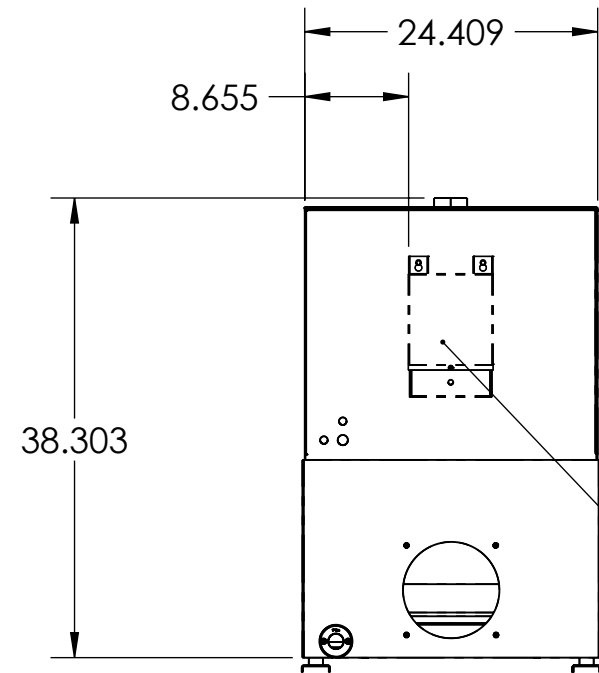
ADDITIONAL NOTES:

- EXOMIST SHOULD BE SET TO RUN WHEN IN MACHINE READY
- 1 METER OF SPACE INFRONT OF EXOMIST DRAWER AND ABOVE EXOMIST REQUIRED FOR FILTER CHANGES/MAINTENANCE
- DUCT MUST NOT OBSTRUCT EXOMIST MAIN FILTER COVER
- DUCT MUST BE INSTALLED ON A SLOPE TOWARDS THE MACHINE AT A MINIMUM OF 1 DEGREE.

	MATERIAL	UNLESS OTHERWISE SPECIFIED:	COMMENTS:		NAME	DATE	TITLE: EXOMIST / LT3000 R1 PUMP MOUNT KITS	SIZE	DWG. NO.	REV	
	SEE PARTS	DIMENSIONS ARE IN INCHES		DRAWN	MFERNANDEZ	6/18/2026		 90 PHEONIX AVE ENFIELD, CT 06082 1-877-689-1860	B	AT EXO LT3000 PM R1 KITS	02
	FINISH	TOLERANCES:		CHECKED							
	SEE PARTS	FRACTIONAL: ±1/64 ANGULAR: MACH ±.5° BEND ±.5°		THIS DRAWING CONTAINS PROPRIETARY INFORMATION. DO NOT COPY. ALL RIGHTS RESERVED.							
DO NOT SCALE DRAWING							SCALE: 1:32	WEIGHT: 5275.88	SHEET 1 OF 1		

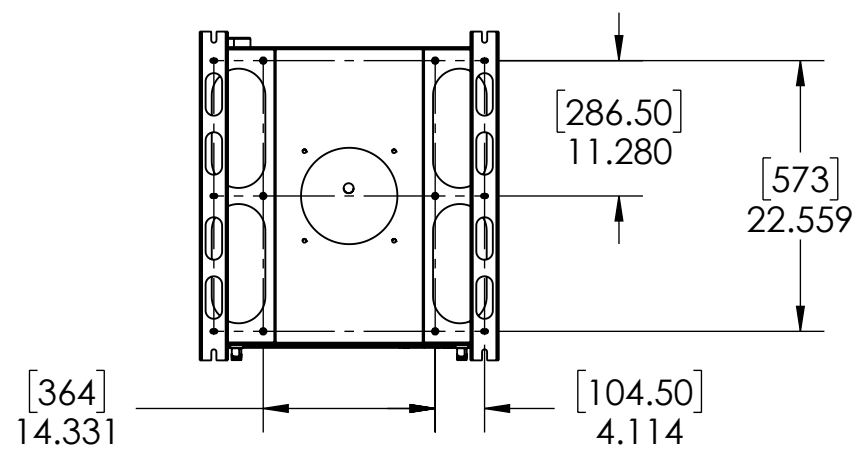
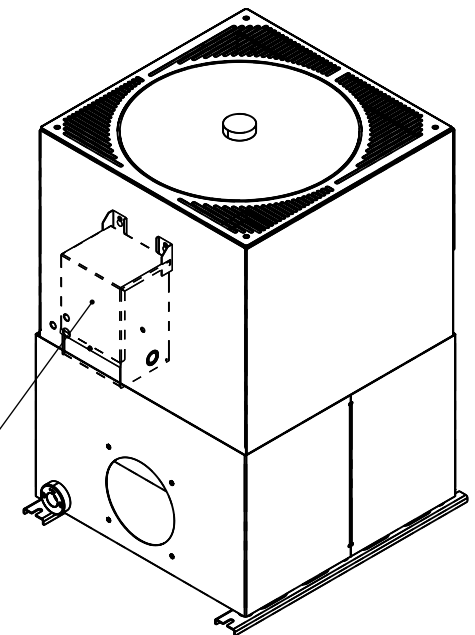


LEAVE 1M (3.28' OR 39.37")
OF SPACE ABOVE MAIN FILTER
AND INFRONT OF PRE FILTER
FOR MAINTENANCE

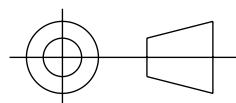


TRANSFORMER ONLY
PRESENT IN 480V

TRANSFORMER ONLY
PRESENT IN 480V



NOTE:
ONLY THE HIGH VOLT (480V) DVL WILL HAVE THE TRANSFORMER



MATERIAL	UNLESS OTHERWISE SPECIFIED:	COMMENTS:	NAME	DATE	TITLE:	SIZE	DWG. NO.	REV
FINISH	DIMENSIONS ARE IN INCHES		DRAWN	MFERNANDEZ	12/10/2025	B	AT EXOMIST DVL	01
DO NOT SCALE DRAWING	TOLERANCES:		CHECKED		12/10/2025	SCALE: 1:16	WEIGHT:	SHEET 1 OF 1
	FRACTIONAL $\pm 1/64$							
	ANGULAR: MACH $\pm .5^\circ$ BEND $\pm .5^\circ$							
	TWO PLACE DECIMAL $\pm .010$							
	THREE PLACE DECIMAL $\pm .005$							

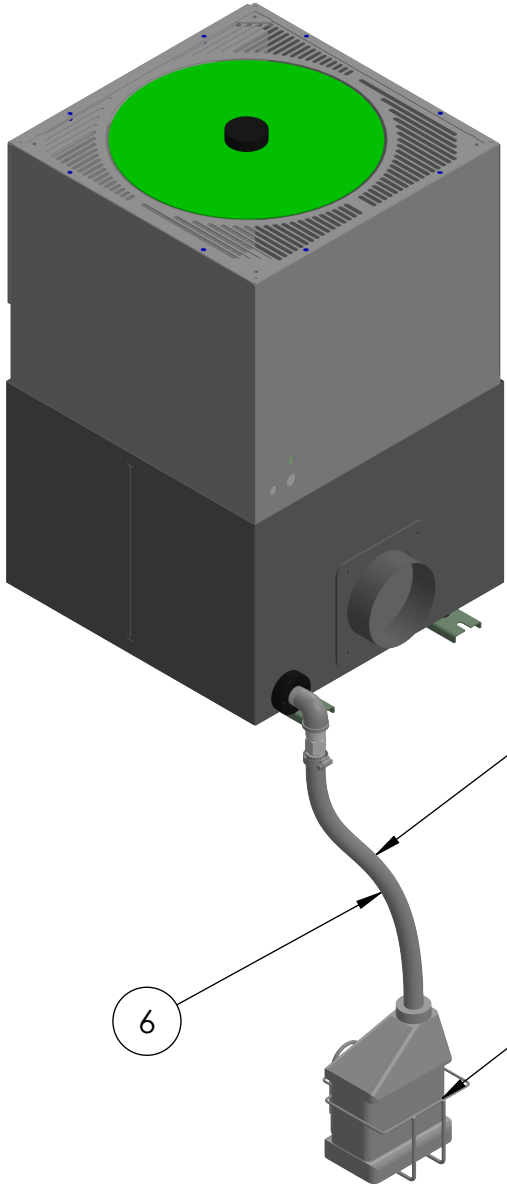
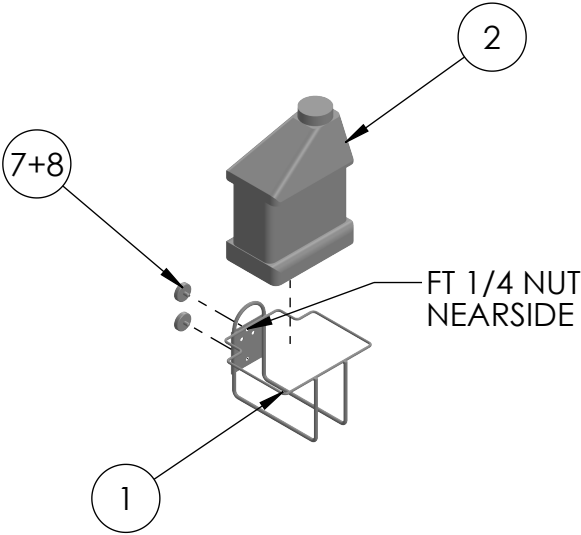
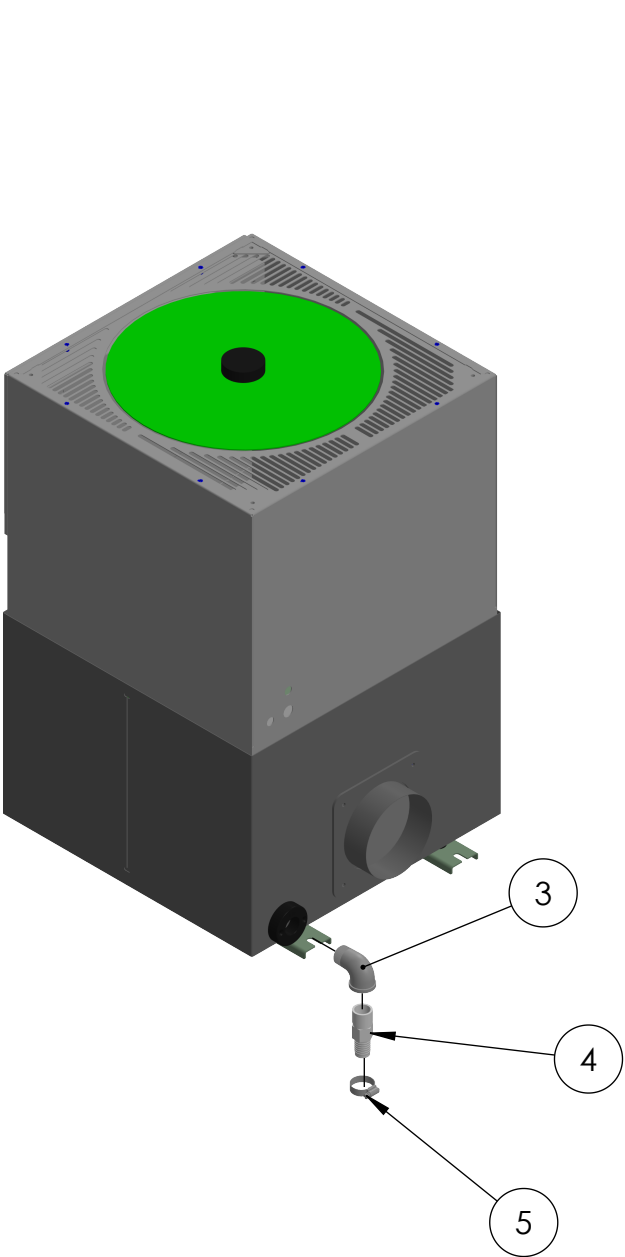
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34 BRADLEY PARK RD
EAST GRANBY, CT 06026
1-877-689-1860

ITEM NO.	Number	QTY.
1	SH BOTTLE - 1 GALLON HOLDER	1
2	SH BOTTLE - 1 GALLON	1
3	HP 16NF X 16N 90 GALV	1
4	HB 16B X 16N STEEL	1
5	HC 1 ID HOSE CLAMP	1
6	HH 1" POLY WIRE	1
7	M MAGNET 1 1/4 1/4-20 STUD	2
8	FT 1/4 NUT	2

REVISIONS			
REVISION	NOTES	DATE	AUTHOR
1	CREATED	8/21/2025	MF



25' HOSE

- CUT HOSE AFTER BOTTLE IS IN PLACE
- HOSE MUST BE SUBMERGED IN 0.5" TO 1" OF WATER/COOLANT

BOTTLE HOLDER

- HELD IN PLACE BY MAGNETS
- CAN BE PLACED ON ANY MAGNETIC SURFACE
- MUST BE BELOW EXOMIST

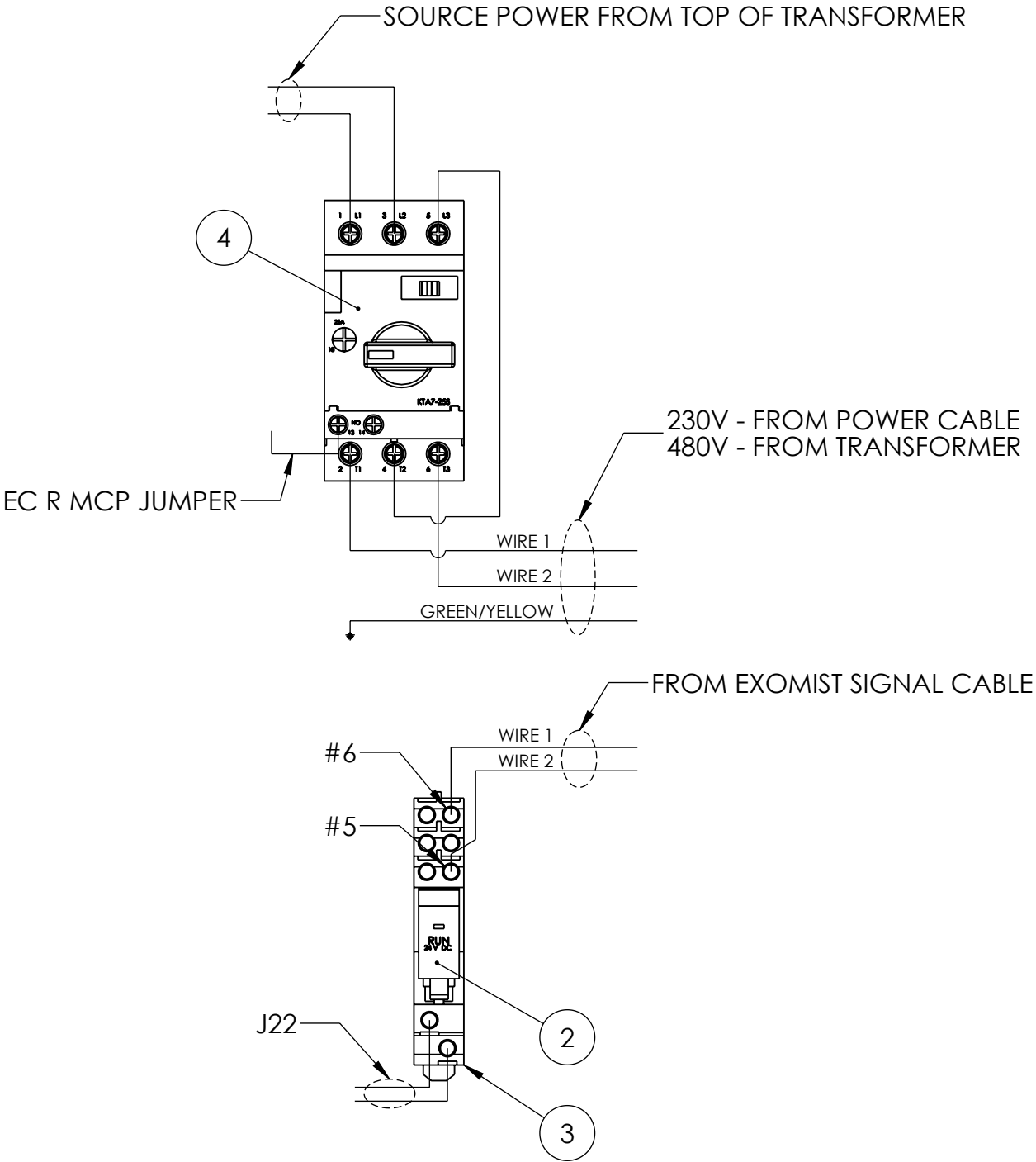
	MATERIAL SEE PARTS	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL $\pm 1/64$ ANGULAR: MACH $\pm .5^\circ$ BEND $\pm .5^\circ$ TWO PLACE DECIMAL $\pm .010$ THREE PLACE DECIMAL $\pm .005$	COMMENTS: THIS DRAWING CONTAINS PROPRIETARY INFORMATION. DO NOT COPY. ALL RIGHTS RESERVED.	NAME MFERNANDEZ	DATE 11/5/2025	TITLE: OVERFLOW INDICATOR	SIZE B	DWG. NO. B AK DRAIN HOSE KIT-E IRON	REV 01
	FINISH SEE PARTS			CHECKED	11/5/2025		SCALE: 1:12	WEIGHT: 46.09	SHEET 1 OF 1

PUMP MOUNT ELECTRICAL INSTALL KITS

AK EXO PM DVM/L 480V		
ITEM NO.	NUMBER	QTY.
1	B AE EXO 1P 480V INST	1
2	ED RELAY 24V	1
3	ED RELAY BASE	1
4	ED KTA7 25S 10A	1
5	ED KT7 PE1 10	1
6	EC R MCP JUMPER	1

AK EXO PM DVM 230V		
ITEM NO.	NUMBER	QTY.
1	B AE EXO 1P GEN INST	1
2	ED RELAY 24V	1
3	ED RELAY BASE	1
4	ED KTA7 25S 6.3A	1
5	ED KT7 PE1 10	1
6	EC R MCP JUMPER	1

AK EXO PM DVL 230V		
ITEM NO.	NUMBER	QTY.
1	B AE EXO 1P GEN INST	1
2	ED RELAY 24V	1
3	ED RELAY BASE	1
4	ED KTA7 25H 16	1
5	ED KT7 PE1 10	1
6	EC R MCP JUMPER	1



- NOTES:
- SEE "B AE EXO 1P INST PM 480V" OR "B AE GEN 1P EXO PM INST" FOR INSTALL INFORMATION
 - THIS DWG ONLY SHOWS MAIN ELECTRICAL COMPONENTS

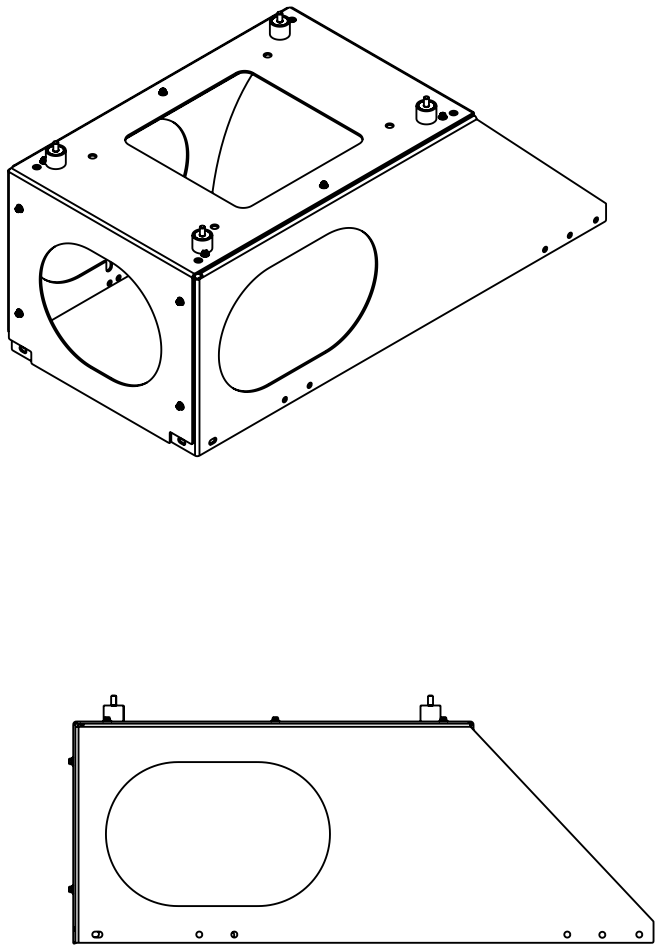
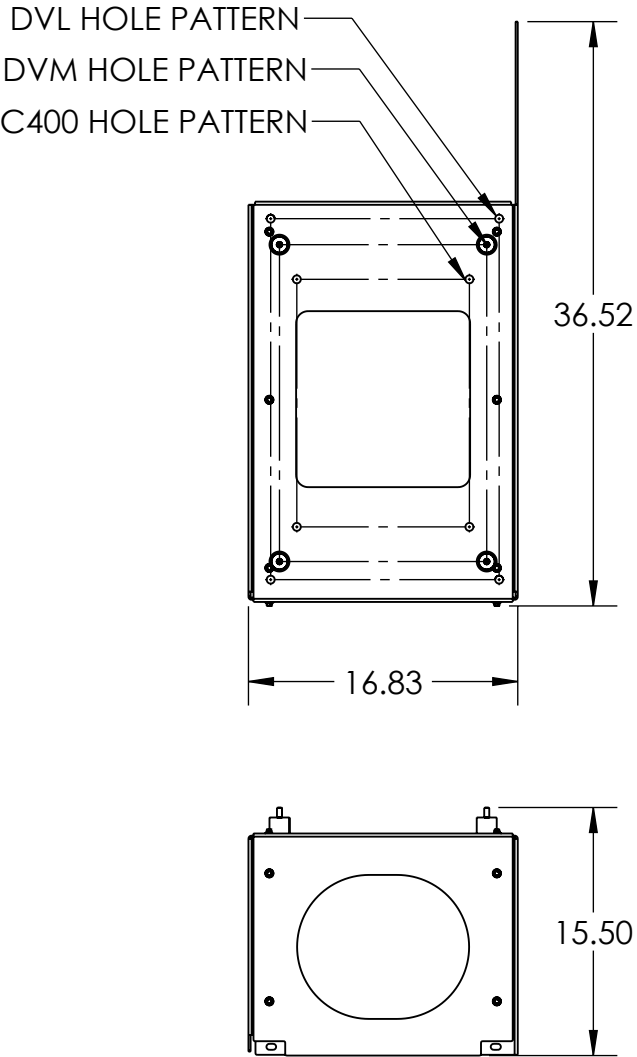
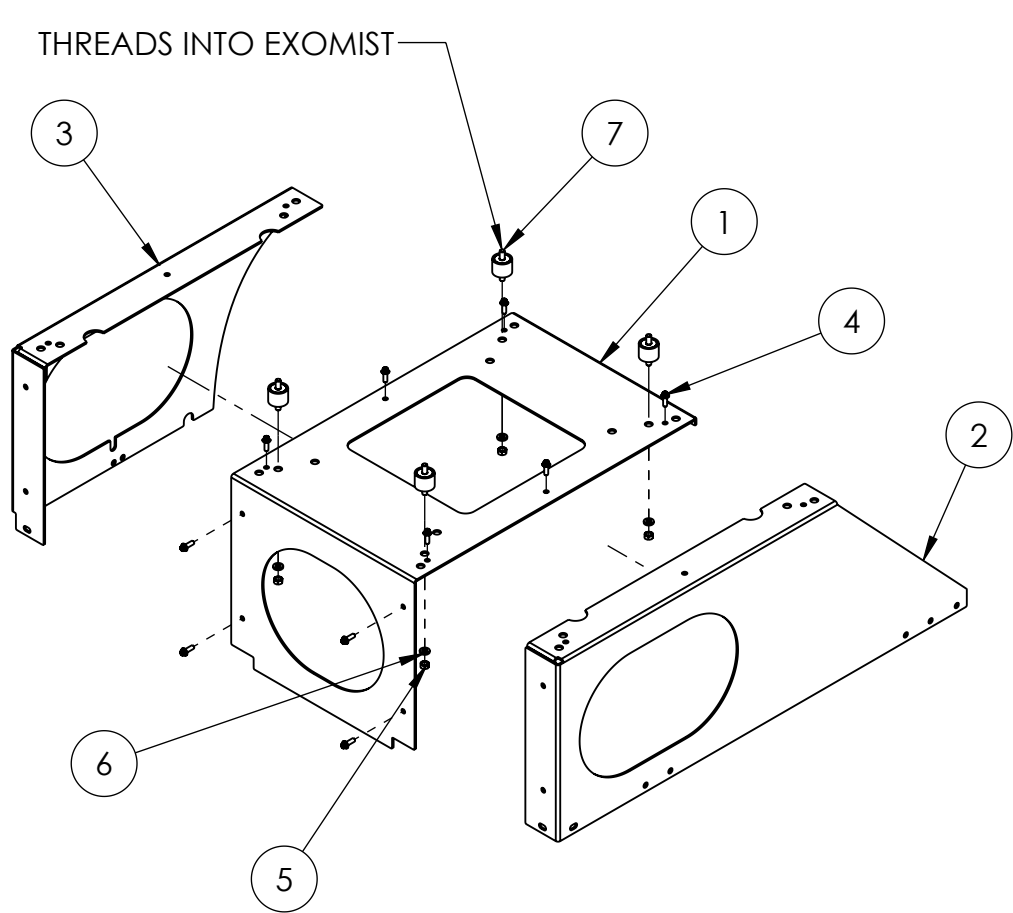
	MATERIAL	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± 1/64 ANGULAR: MACH ± .5° BEND ± .5° TWO PLACE DECIMAL ±.010 THREE PLACE DECIMAL ±.005	COMMENTS:		NAME	DATE	TITLE: EXOMIST ELECTRICAL INSTALL KITS	SIZE	DWG. NO.	REV
	SEE PARTS			DRAWN	MFERNANDEZ	12/29/2025		B	B AK EXO PM ELEC INST KITS	01
	SEE PARTS			CHECKED		12/29/2025				
	DO NOT SCALE DRAWING			MP Systems 90 PHEONIX AVE ENFIELD, CT 06082 1-877-689-1860		SCALE: 1:2				
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ITEM NO.	Number	Revision	QTY.
1	SM-1287	02	1
2	SM-1286	02	1
3	SM-1285	02	1
4	FT 1/4-20 X 3/4" FBLT	00-	10
5	FT M8 NUT		4
6	FT M8 WASHER		4
7	M ISO M8 X 1 X 5/8	00	4

ADDITIONAL COMPONENTS INCLUDED AND NOT SHOWN:

- 1X AHP MP1200 FILTER HOSE ASSY
- 1X SH BAG 7 X 8 1/2

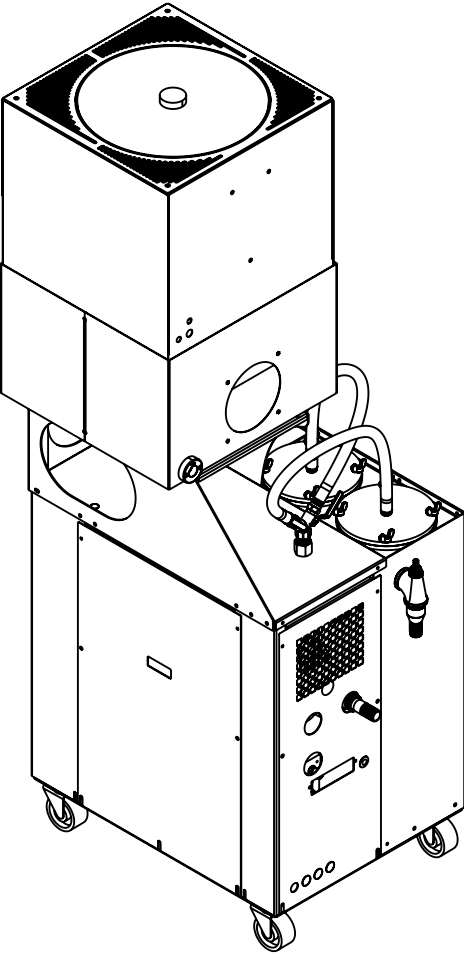
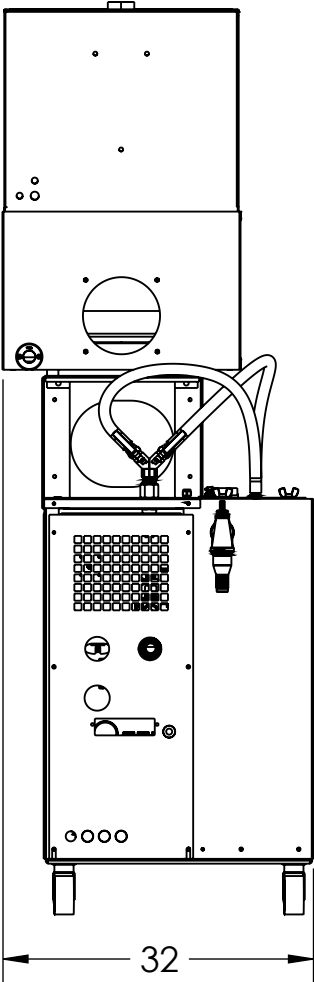
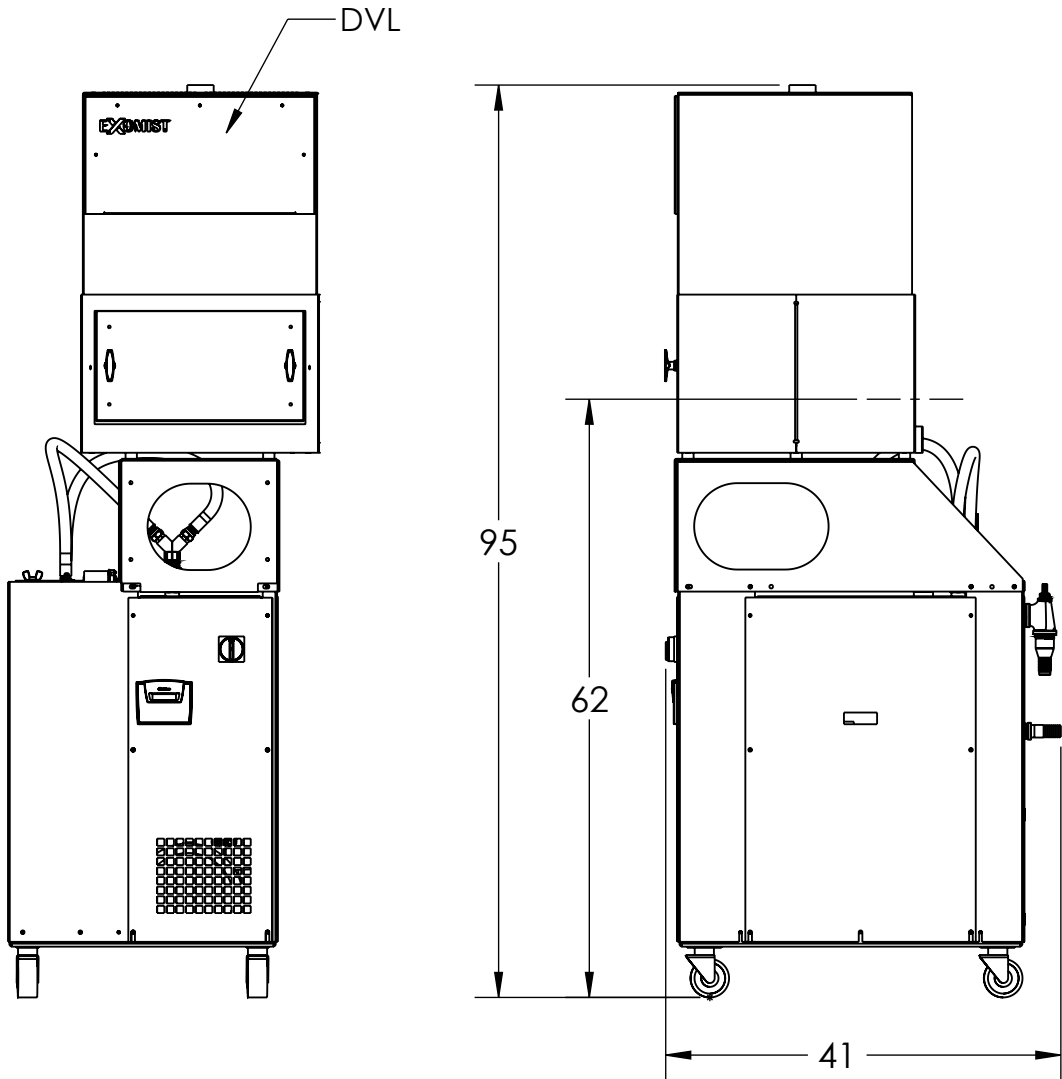
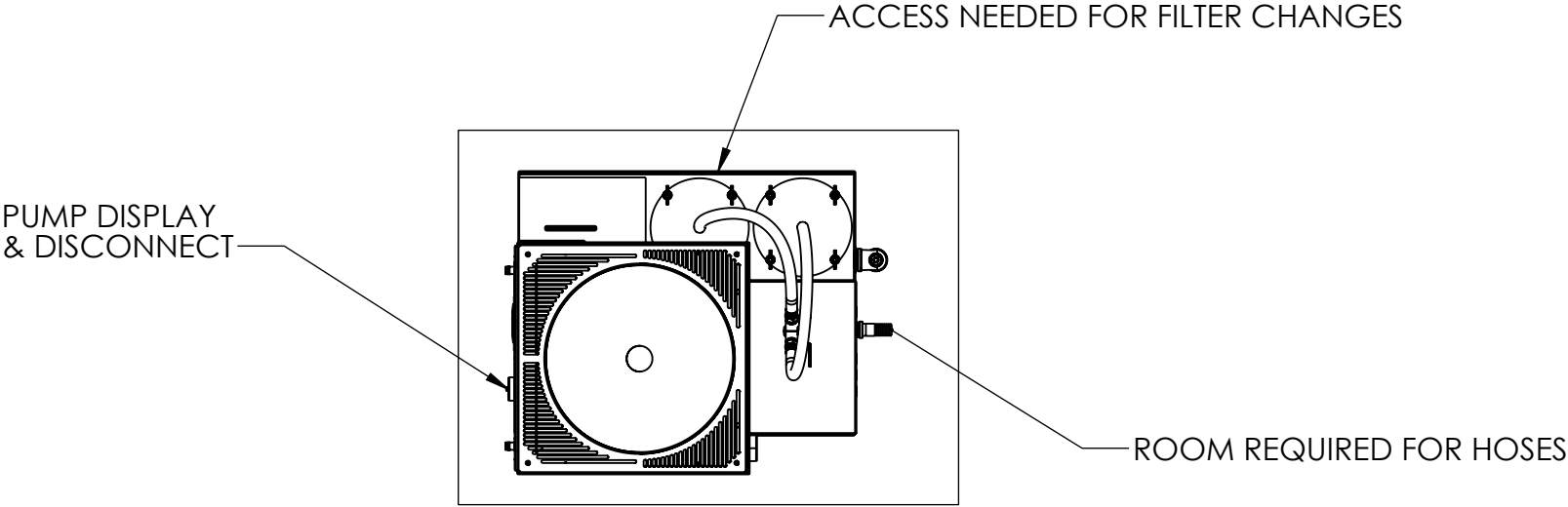
REVISIONS			
REVISION	NOTES	DATE	AUTHOR
1	CREATED	8/21/2025	MF



- NOTES:
- REMOVE GREEN RAILS FOR BRACKET/EXOMIST ASSEMBLY
 - BRACKET USES INSIDE HOLES ON BOTTOM OF EXOMIST (SEE 'DVM' DRAWING FOR REFERENCE)

	MATERIAL	UNLESS OTHERWISE SPECIFIED:	COMMENTS:		NAME	DATE	TITLE: R1 EXO BRKT KIT ASSEM	SIZE	DWG. NO.		REV	
	SEE PARTS	DIMENSIONS ARE IN INCHES		DRAWN	MFERNANDEZ	11/4/2025		 34 BRADLEY PARK RD EAST GRANBY, CT 06026 1-877-689-1860	B	AK R1 EXO BRKT		01
	FINISH	TOLERANCES:		CHECKED		11/4/2025						
	SEE PARTS	FRACTIONAL $\pm 1/64$ ANGULAR: MACH $\pm .5^\circ$ BEND $\pm .5^\circ$										
DO NOT SCALE DRAWING			THIS DRAWING CONTAINS PROPRIETARY INFORMATION. DO NOT COPY. ALL RIGHTS RESERVED.		SCALE: 1:12 WEIGHT: 42.26 SHEET 1 OF 1							

REVISIONS			
REV.	NOTES	DATE	AUTHOR

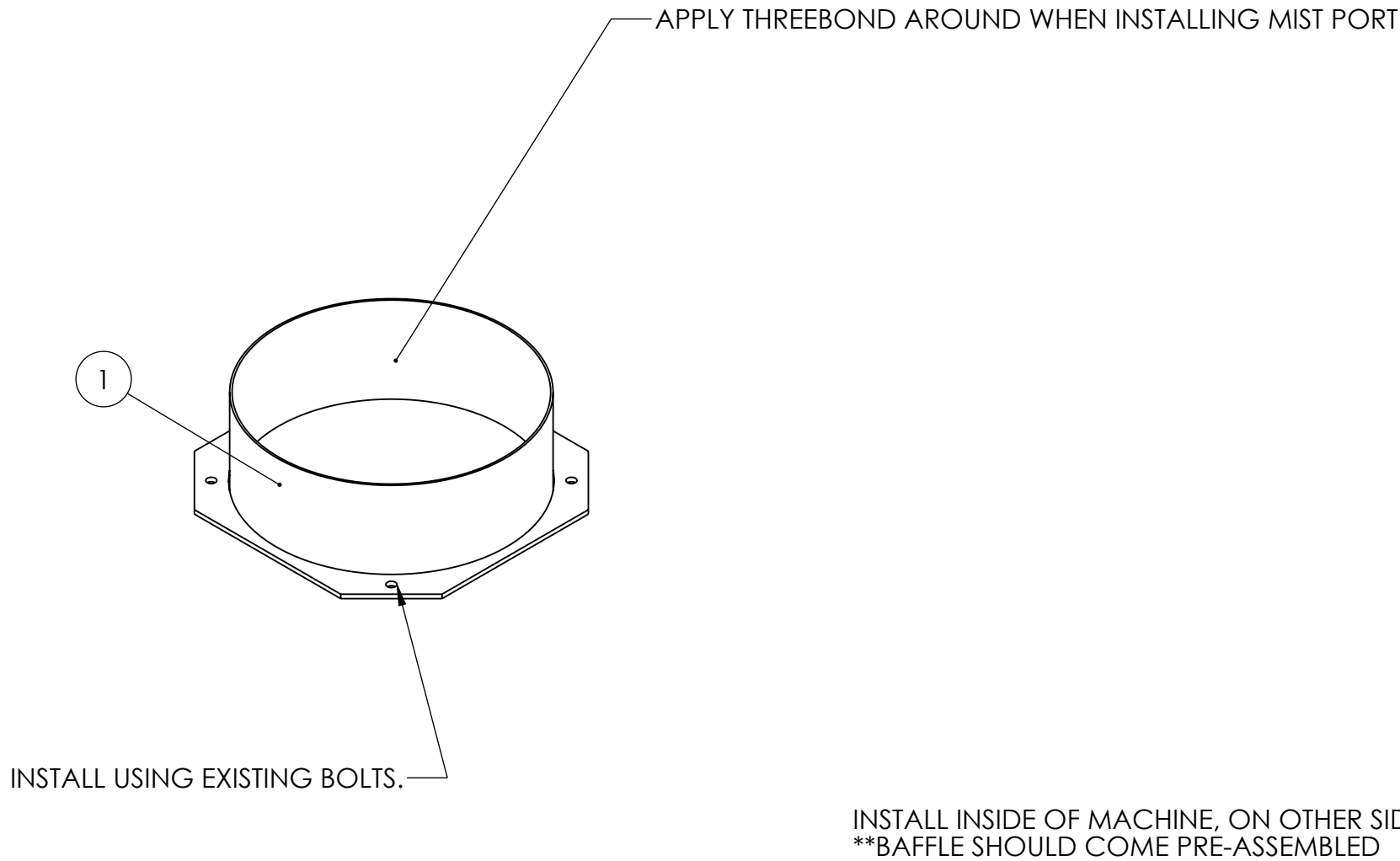


	MATERIAL	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL $\pm 1/64$ ANGULAR: MACH $\pm .5^\circ$ BEND $\pm .5^\circ$ TWO PLACE DECIMAL $\pm .010$ THREE PLACE DECIMAL $\pm .005$	COMMENTS: THIS DRAWING CONTAINS PROPRIETARY INFORMATION. DO NOT COPY. ALL RIGHTS RESERVED.	NAME	DATE	TITLE: RF 1000PSI,8GPM,230V,2 PORT	SIZE	DWG. NO.	REV
	FINISH			DRAWN	MFERNADEZ 5/26/2026		B	AT RF8	00-
	DO NOT SCALE DRAWING			CHECKED			SCALE: 1:20	WEIGHT:	SHEET 1 OF 1

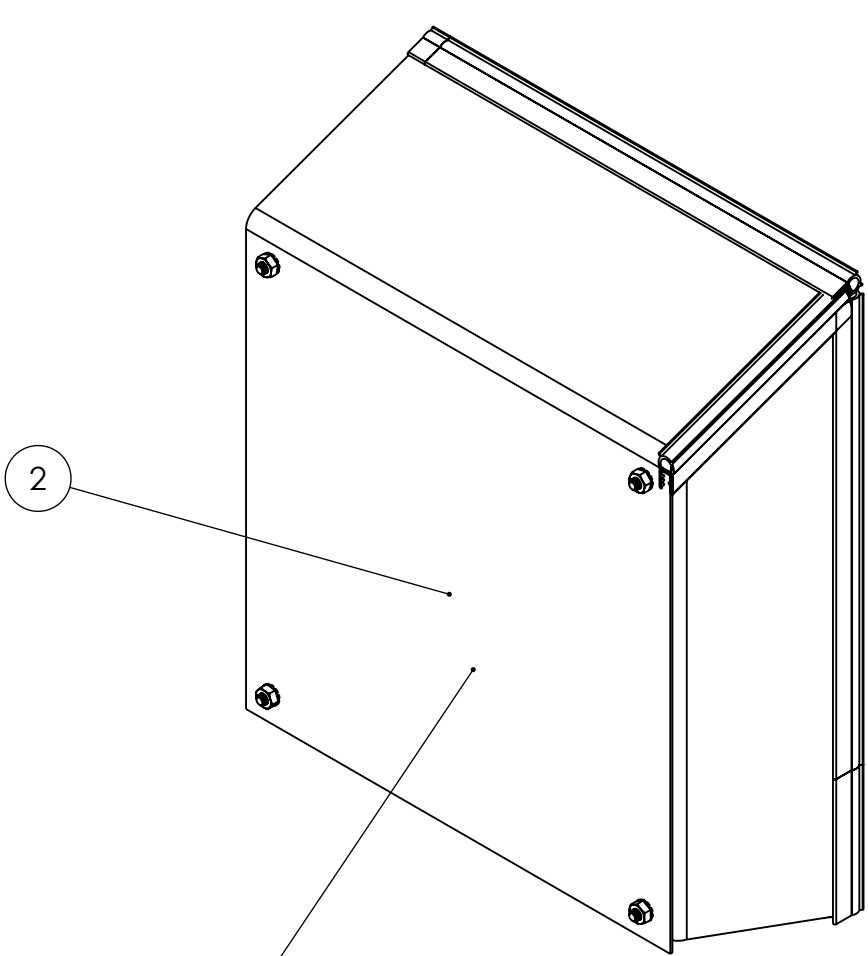
90 PHEONIX AVE
 ENFIELD, CT 06082
 1-877-689-1860

ITEM NO.	Number	Revision	QTY.
1	ASM-1659	01	1
2	AM BAFFLE 12.5" 2	01	1
3	M THREEBOND-1184	01	1

REVISIONS			
REVISION	NOTES	DATE	AUTHOR
1	CREATED	11/7/2025	MF



INSTALL INSIDE OF MACHINE, ON OTHER SIDE OF MIST PORT
**BAFFLE SHOULD COME PRE-ASSEMBLED

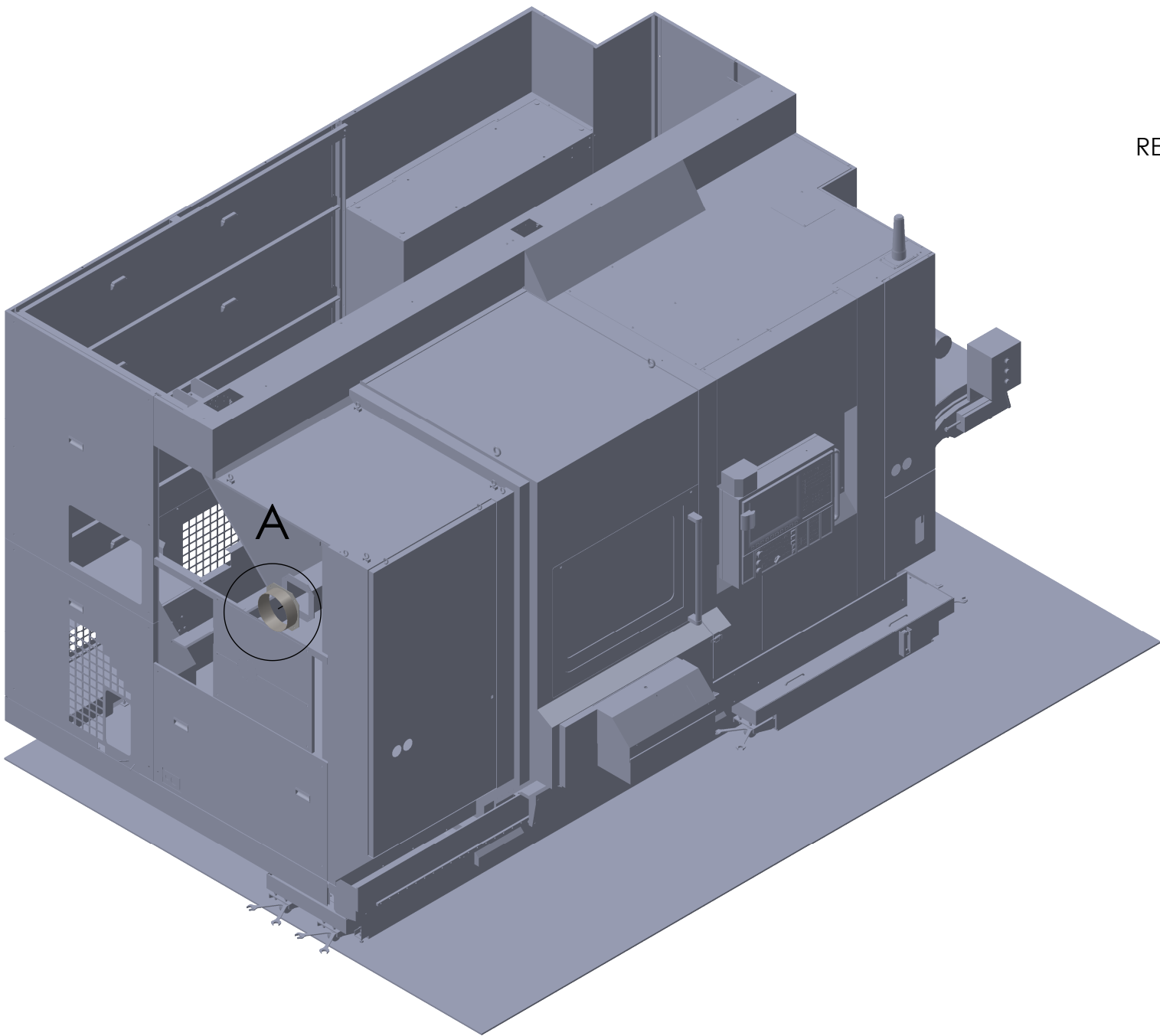


PROJECTED BAFFLE VELOCITIES:
• WITH DVM: 8.4 MPH

	MATERIAL	UNLESS OTHERWISE SPECIFIED:	COMMENTS:		NAME	DATE	TITLE: MIST PORT W BAFFLE FOR LT2000EX/LT3000EX	SIZE	DWG. NO.	REV
	SEE PARTS	DIMENSIONS ARE IN INCHES		DRAWN	MFERNANDEZ	12/12/2025		B	AK OA MIST PORT-09	01
	FINISH	TOLERANCES:		CHECKED		12/12/2025				
	SEE PARTS	FRACTIONAL ± 1/64 ANGULAR: MACH ± .5° BEND ± .5°		MP Systems 90 PHEONIX AVE ENFIELD, CT 06082 1-877-689-1860						
DO NOT SCALE DRAWING			THIS DRAWING CONTAINS PROPRIETARY INFORMATION. DO NOT COPY. ALL RIGHTS RESERVED.			SCALE: 1:4			WEIGHT: 1.934	SHEET 1 OF 1

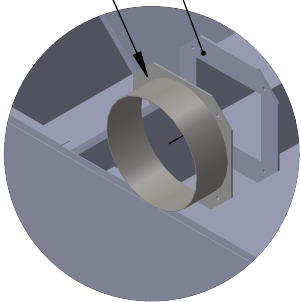
LT3000 MIST PORT INSTALLATION

1. REMOVE MIST PORT COVER PLATE LOCATED AT POINT "A", **KEEP BOLTS!** THESE WILL BE REUSED
2. APPLY A 1/4" BEAD OF THREEBOND AROUND THE INLET OF THE MIST PORT PLATE. (PART #: ASM-1660)
3. SECURE ASM-1660 USING THE BOLTS FROM THE OKUMA'S COVER PLATE.
4. ALLOW 24 HOURS FOR FULL CURE.

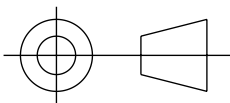


REMOVE SIDE COVER AND MIST PORT CAP

INSTALL USING EXISTING BOLTS
FROM MIST PORT CAP



DETAIL A
SCALE 1 : 12



MATERIAL
SEE PARTS
FINISH
SEE PARTS
DO NOT SCALE DRAWING

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL $\pm 1/64$
ANGULAR: MACH $\pm .5^\circ$ BEND $\pm .5^\circ$
TWO PLACE DECIMAL $\pm .010$
THREE PLACE DECIMAL $\pm .005$

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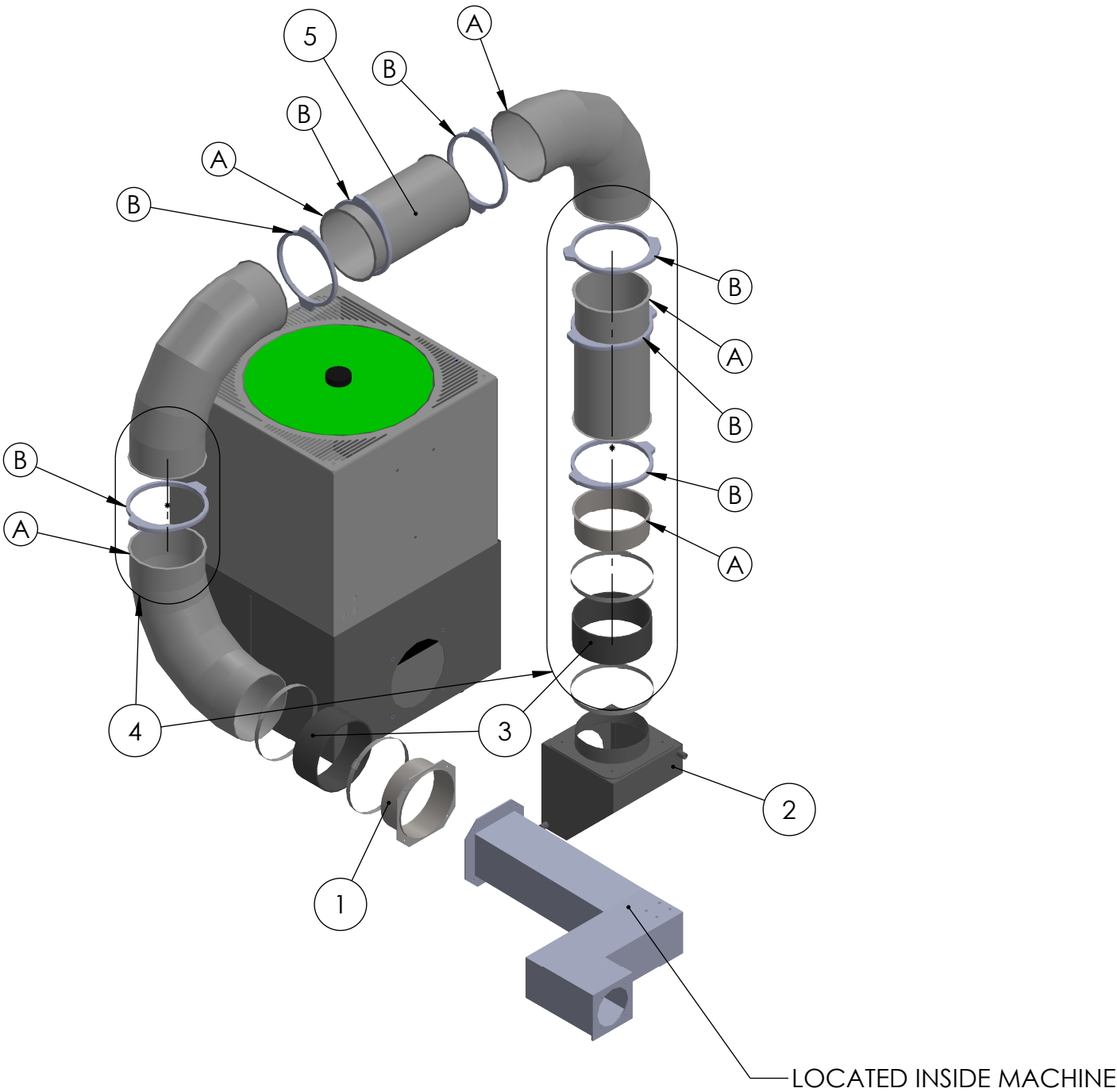
	NAME	DATE
DRAWN	MFERNANDEZ	6/16/2026
CHECKED		
MP Systems 90 PHEONIX AVE ENFIELD, CT 06082 1-877-689-1860		

TITLE:

SIZE	DWG. NO.	REV
B		02
SCALE: 1:28	WEIGHT: 4808.943	SHEET 1 OF 1

STEP	PROCEDURE
1	INSTALL MIST PORT WITH EXISTING HARDWARE. USE M THREEBOND-1184 AS SEALANT.
2	INSTALL MC EXO 90 CONNECTOR 700 USING SUPPLIED HARDWARE.
3	INSTALL HT 6" DUCT COUPLER USING SUPPLIED HOSE CLAMPS. DO NOT OVERTIGHTEN.
4	BUILD VERTICAL DUCT SECTIONS USING SUPPLIED TELESCOPIC PIPE. SEE NOTES A AND B.
5	BUILD HORIZONTAL DUCT SECTION USING SUPPLIED TELESCOPIC PIPE. SEE NOTES A AND B.
6	TIGHTEN ALL HT 6" DUCT TUBE CLAMP
NOTE	
A	INSTALL HT 6" DUCT TUBE GASKET
B	INSTALL HT 6" DUCT TUBE CLAMP

LT3000 DUCT KIT INSTALLATION



	MATERIAL	UNLESS OTHERWISE SPECIFIED:	COMMENTS:		NAME	DATE	TITLE: EXO DUCT KIT FOR PUMP MOUNTED LT3000	SIZE	DWG. NO.	REV
	SEE PARTS	DIMENSIONS ARE IN INCHES		DRAWN	MFERNANDEZ	6/16/2026		B	B AK OA LT3000 PM DUCT	02
	FINISH	TOLERANCES:		CHECKED						
	SEE PARTS	FRACTIONAL: ±1/64 ANGULAR: MACH ±.5° BEND ±.5°		MP Systems 90 PHEONIX AVE ENFIELD, CT 06082 1-877-689-1860						
DO NOT SCALE DRAWING	TWO PLACE DECIMAL ±.010 THREE PLACE DECIMAL ±.005	THIS DRAWING CONTAINS PROPRIETARY INFORMATION. DO NOT COPY. ALL RIGHTS RESERVED.								
								SCALE: 1:16	WEIGHT: 5275.88	SHEET 1 OF 1