UNIT DIMENSIONS / SPECIFICATIONS

3.75
7.54

16.02

6.45

1.97
1.93
0.72
5.68
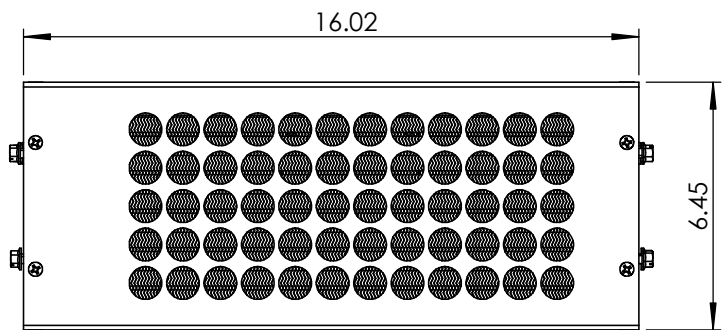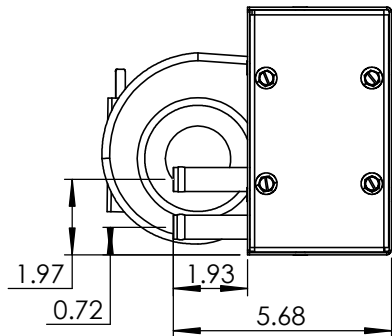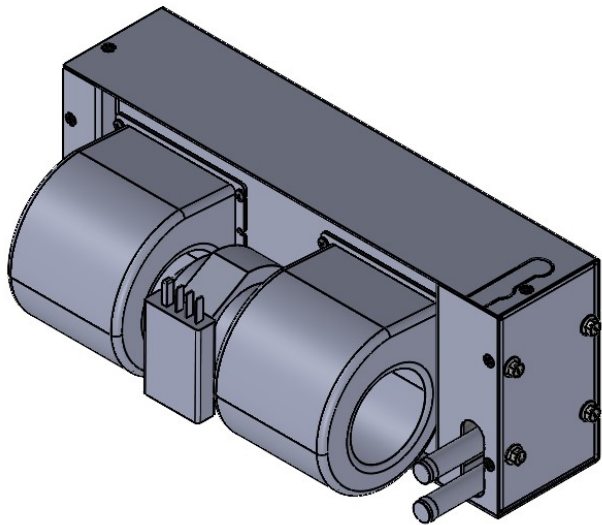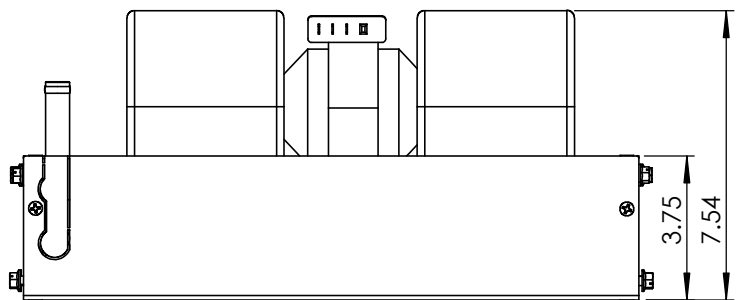
SPECIFICATIONS	
CAPACITY	35,000 BTU
AIRFLOW	430 CFM
VOLTAGE	27.2 VDC
AMPERAGE	7 A
BLOWER SPEEDS	3
FINISH	BLACK POWDERCOAT

BTRAC

BADGER TRUCK REFRIGERATION

6302 TEXACO DRIVE EAU CLAIRE WI 54703

(715) 874-6811

TITLE: **24V HEATER REAR EXIT NO MOUNTS**

HOSE LENGTH TOLERANCE

UP TO 12" INCLUSIVE ± .13
OVER 12" TO 18" ± .19
OVER 18" TO 36" ± .25
OVER 36" ± 1% NEAREST .12

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
ANGULAR: ±1
TWO PLACE DECIMAL   ±.03
THREE PLACE DECIMAL   ±.010

	NAME	DATE
MATERIAL		
FINISH		
DRAWN	JY	11/27/23
CHECKED		

DO NOT SCALE DRAWING

SIZE **A**	DWG. NO. **BU-1000-0-24**	REV **B**
SCALE: 1:5		SHEET 1 OF 4

REVISIONS				
REV.	ECO	DESCRIPTION	DATE	APPR.
B	00048	BF-286 FOAM WAS BF-118	08/28/24	JY

CONNECTIONS / MOUNTING

2.75

1/4-20 THREADED MOUNT HOLES (X4)

2.75

1.85

5/8" HOSE CONNECTION (X2)

0.51

BTRAC

BADGER TRUCK REFRIGERATION

6302 TEXACO DRIVE EAU CLAIRE WI 54703

(715) 874-6811

TITLE: 24V HEATER REAR EXIT NO MOUNTS

UNLESS OTHERWISE SPECIFIED:
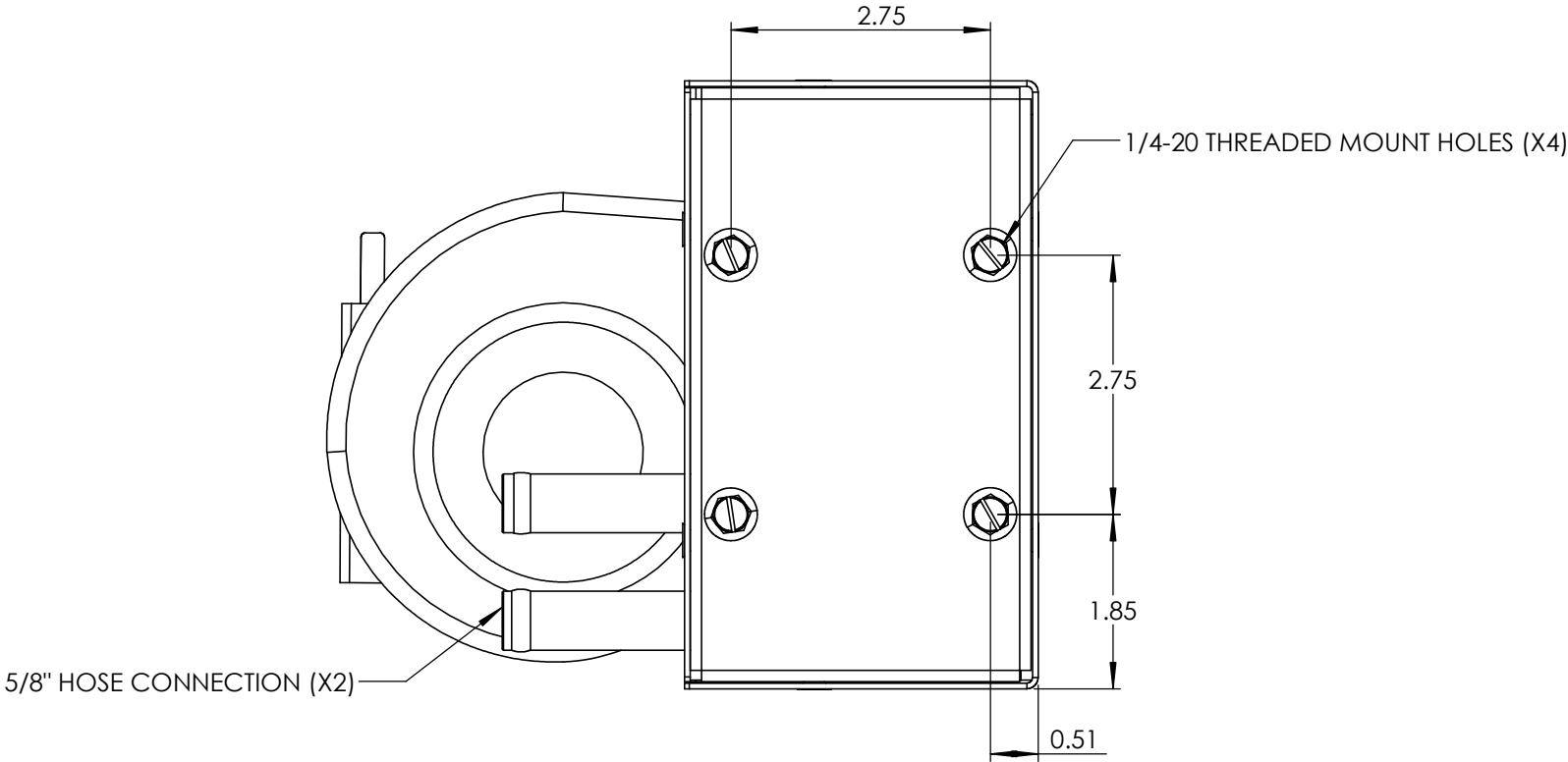DIMENSIONS ARE IN INCHES
TOLERANCES:
ANGULAR: ±1
TWO PLACE DECIMAL ±.03
THREE PLACE DECIMAL ±.010

HOSE LENGTH TOLERANCE		
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OVER 12" TO 18" ± .19		
OVER 18" TO 36" ± .25		
OVER 36" ± 1% NEAREST .12		

MATERIAL		NAME	DATE
FINISH			
	DRAWN	JY	11/27/23
DO NOT SCALE DRAWING	CHECKED		

SIZE	DWG. NO.	REV
A	BU-1000-0-24	B

SCALE: 1:2　　SHEET 2 OF 4

SERVICE PARTS DIAGRAM

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	BT3-0600-4	24V BLOWER ASSY	1
2	BT100526	HEATER BLOWER PLATE	1
3	BT6-0211	HEATER COIL	1
4	BT100525	HEATER HOUSING SIDE PANEL	2
5	BT100524	HEATER FRONT HOUSING	1
6	BF-286 6.0	FOAM 6.0 x 0.5 x 0.125	4
7	BF-286 11.625	FOAM 11.625 x 0.5 x 0.125	2
8	0210	BOLT 1/4-20X1/2 SPINLOCK	8
9	1122500	#10-24x1/2" FLAT U/C BLACK OXIDE	12
10	1191202	M4-0.7X12MM	6

BADGER TRUCK REFRIGERATION
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TWO PLACE DECIMAL ±.03
THREE PLACE DECIMAL ±.010

MATERIAL
FINISH

	NAME	DATE
DRAWN	JY	11/27/23
CHECKED		

DO NOT SCALE DRAWING

SIZE **A**

DWG. NO. BU-1000-0-24

REV **B**

SCALE: 1:6

SHEET 3 OF 4

WIRING INFORMATION

MOTOR

MAX +

+

MIN +

BTRAC

BADGER TRUCK REFRIGERATION

6302 TEXACO DRIVE EAU CLAIRE WI 54703

(715) 874-6811

TITLE: **24V HEATER REAR EXIT NO MOUNTS**

HOSE LENGTH TOLERANCE

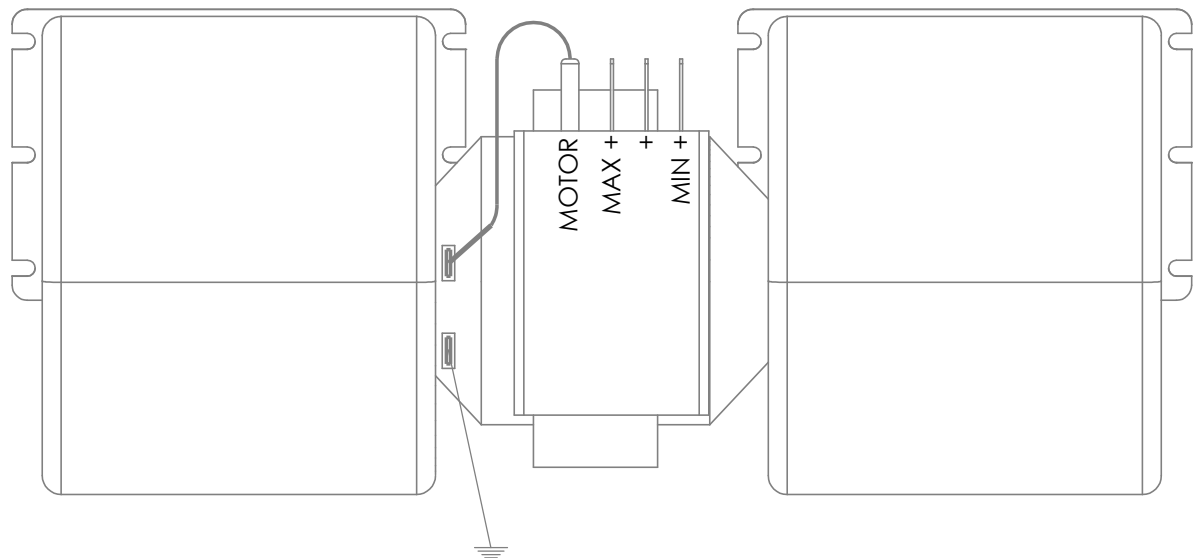UP TO 12" INCLUSIVE ± .13
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TOLERANCES:
ANGULAR: ±1
TWO PLACE DECIMAL   ±.03
THREE PLACE DECIMAL ±.010

		NAME	DATE
MATERIAL			
FINISH			
	DRAWN	JY	11/27/23
DO NOT SCALE DRAWING	CHECKED		

SIZE	DWG. NO.	REV
A	BU-1000-0-24	B

SCALE: 1:1 | SHEET 4 OF 4