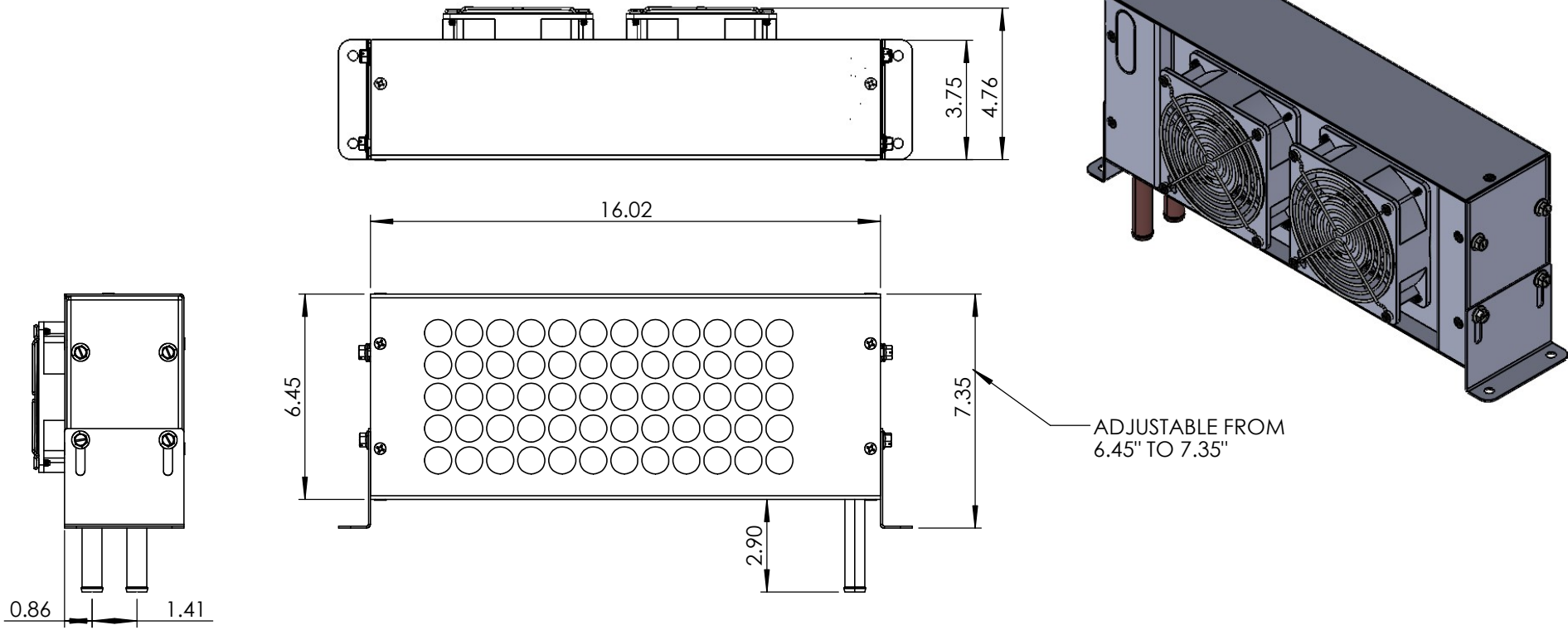


UNIT DIMENSIONS / SPECIFICATIONS



SPECIFICATIONS	
CAPACITY	30,000 BTU @ 100° AIR TEMP RISE
AIRFLOW	225 CFM
VOLTAGE	12 V
AMPERAGE	6.8 A
BLOWER SPEEDS	2
FINISH	BLACK POWDERCOAT

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

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

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BADGER TRUCK REFRIGERATION. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT WRITTEN PERMISSION IS PROHIBITED.

MATERIAL FINISH

DO NOT SCALE DRAWING



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

NAME DATE

DRAWN JY 11/28/23

CHECKED

BADGER TRUCK REFRIGERATION

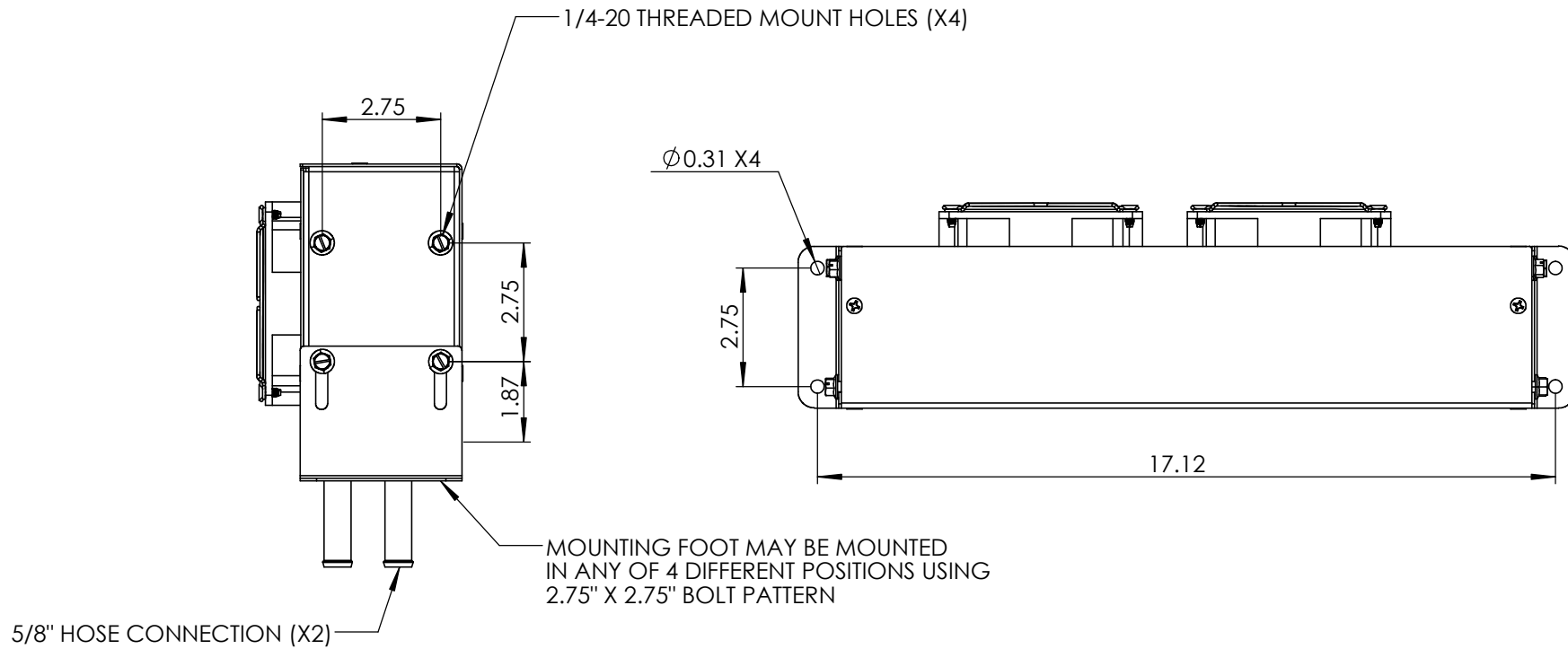
6302 TEXACO DRIVE EAU CLAIRE WI 54703
(715) 874-6811

TITLE: 12V HEATER BOTTOM EXIT DUAL FAN

SIZE	DWG. NO.	REV
A	BU-1000-5-12	B

SCALE: 1:5 SHEET 1 OF 4

CONNECTIONS / MOUNTING



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

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MATERIAL	
FINISH	

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UNLESS OTHERWISE SPECIFIED:
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TOLERANCES:
ANGULAR: ±1
TWO PLACE DECIMAL ±.03
THREE PLACE DECIMAL ±.010

NAME	DATE
JY	11/28/23

CHECKED

BADGER TRUCK REFRIGERATION

6302 TEXACO DRIVE EAU CLAIRE WI 54703
(715) 874-6811

TITLE: 12V HEATER BOTTOM
EXIT DUAL FAN

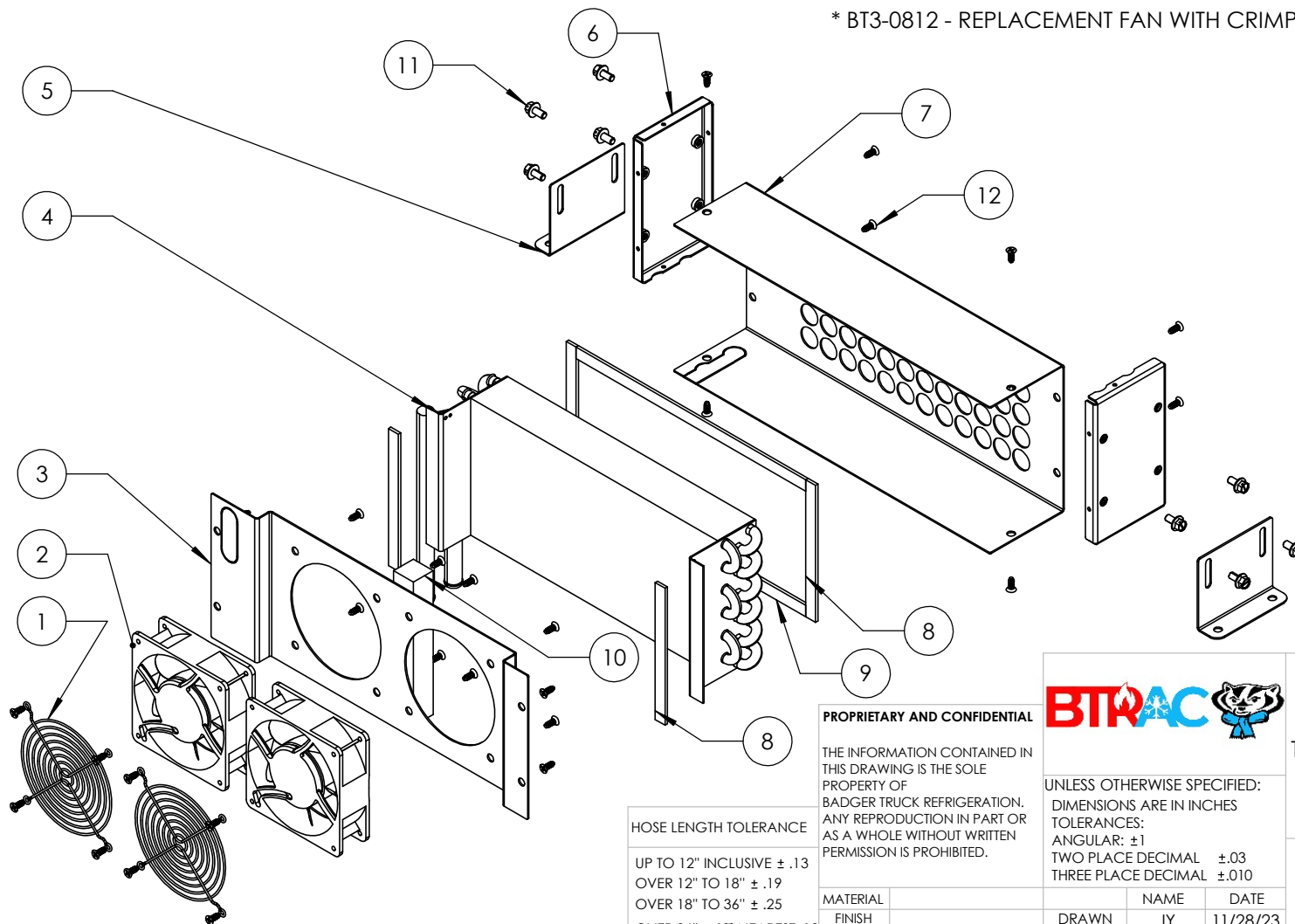
SIZE	DWG. NO.	REV
A	BU-1000-5-12	B

SCALE: 1:4 SHEET 2 OF 4

SERVICE PARTS DIAGRAM

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	BT3-0406	FAN GUARD, 120MM	2
2	BT3-0810	FAN HP DC 24V BRUSHLESS	2
3	BT100539	HEATER BLOWER PLATE	1
4	BT6-1450	HEATER CORE BOTTOM EXIT	1
5	BT100527	HEATER MOUNTING FOOT	2
6	BT100525	HEATER HOUSING SIDE PANEL	2
7	BT100524	HEATER FRONT HOUSING	1
8	BF-286 6.0	FOAM 6.0 x 0.5 x 0.125	4
9	BF-286 11.625	FOAM 11.625 x 0.5 x 0.125	2
10	BT8-0140-F FOAM FOR BU-1000-5-12	6.3" LENGTH	1
11	0210	BOLT 1/4-20X1/2 SPINLOCK	8
12	1122500	#10-24x1/2" FLAT U/C BLACK OXIDE	28

* BT3-0812 - REPLACEMENT FAN WITH CRIMPED TERMINALS INSTALLED *



HOSE LENGTH TOLERANCE

UP TO 12" INCLUSIVE $\pm .13$
OVER 12" TO 18" $\pm .19$
OVER 18" TO 36" $\pm .25$
OVER 36" $\pm 1\%$ NEAREST .12

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MATERIAL
FINISH

DO NOT SCALE DRAWING



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

DRAWN
JY

NAME
JY

DATE
11/28/23

CHECKED

BADGER TRUCK REFRIGERATION

6302 TEXACO DRIVE EAU CLAIRE WI 54703
(715) 874-6811

TITLE: 12V HEATER BOTTOM
EXIT DUAL FAN

SIZE
A

DWG. NO.

BU-1000-5-12

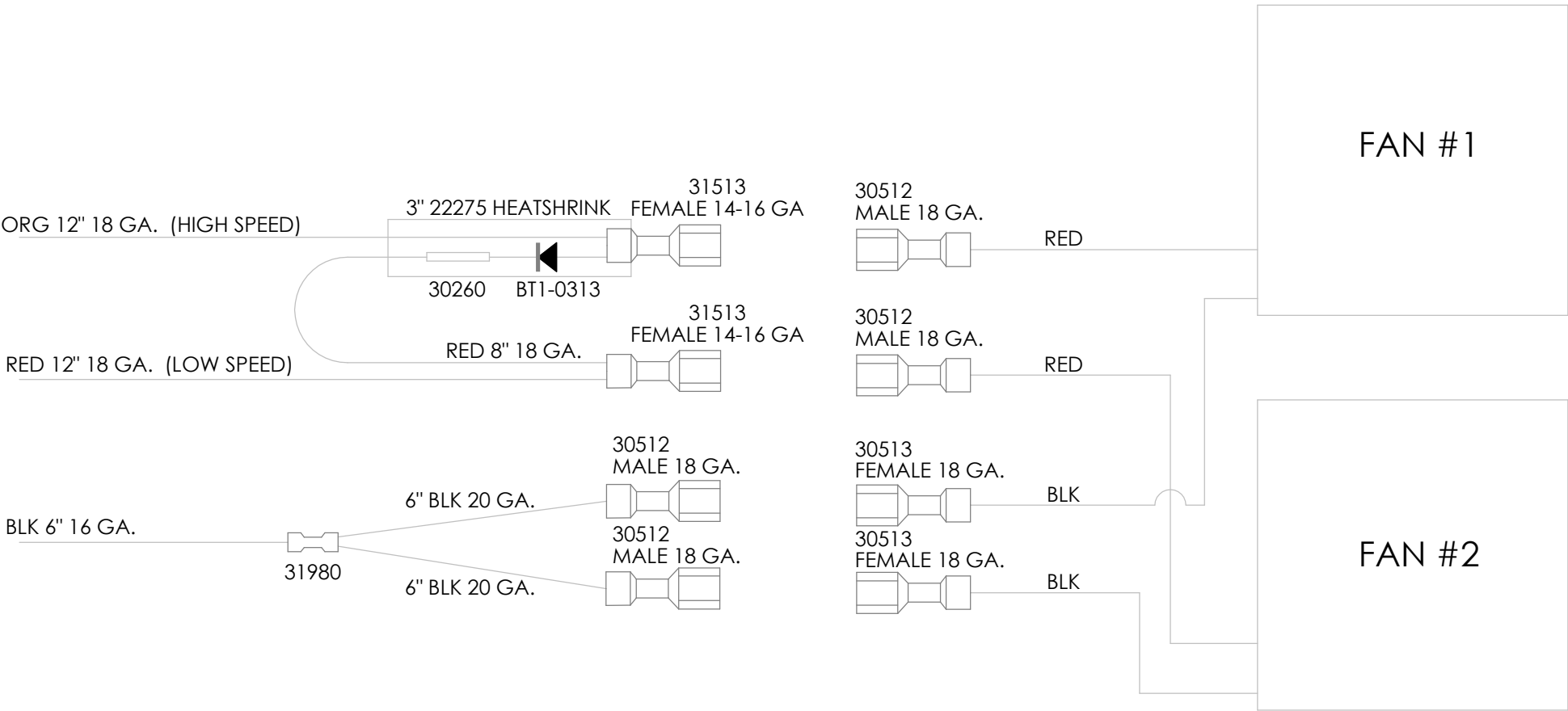
REV

B

SCALE: 1:6

SHEET 3 OF 4

WIRING INFORMATION



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

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MATERIAL	
FINISH	

DO NOT SCALE DRAWING



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

NAME	DATE
DRAWN JY	11/28/23
CHECKED	

BADGER TRUCK REFRIGERATION
6302 TEXACO DRIVE EAU CLAIRE WI 54703
(715) 874-6811

TITLE: 12V HEATER BOTTOM EXIT DUAL FAN

SIZE	DWG. NO.	REV
A	BU-1000-5-12	B

SCALE: 1:1

SHEET 4 OF 4