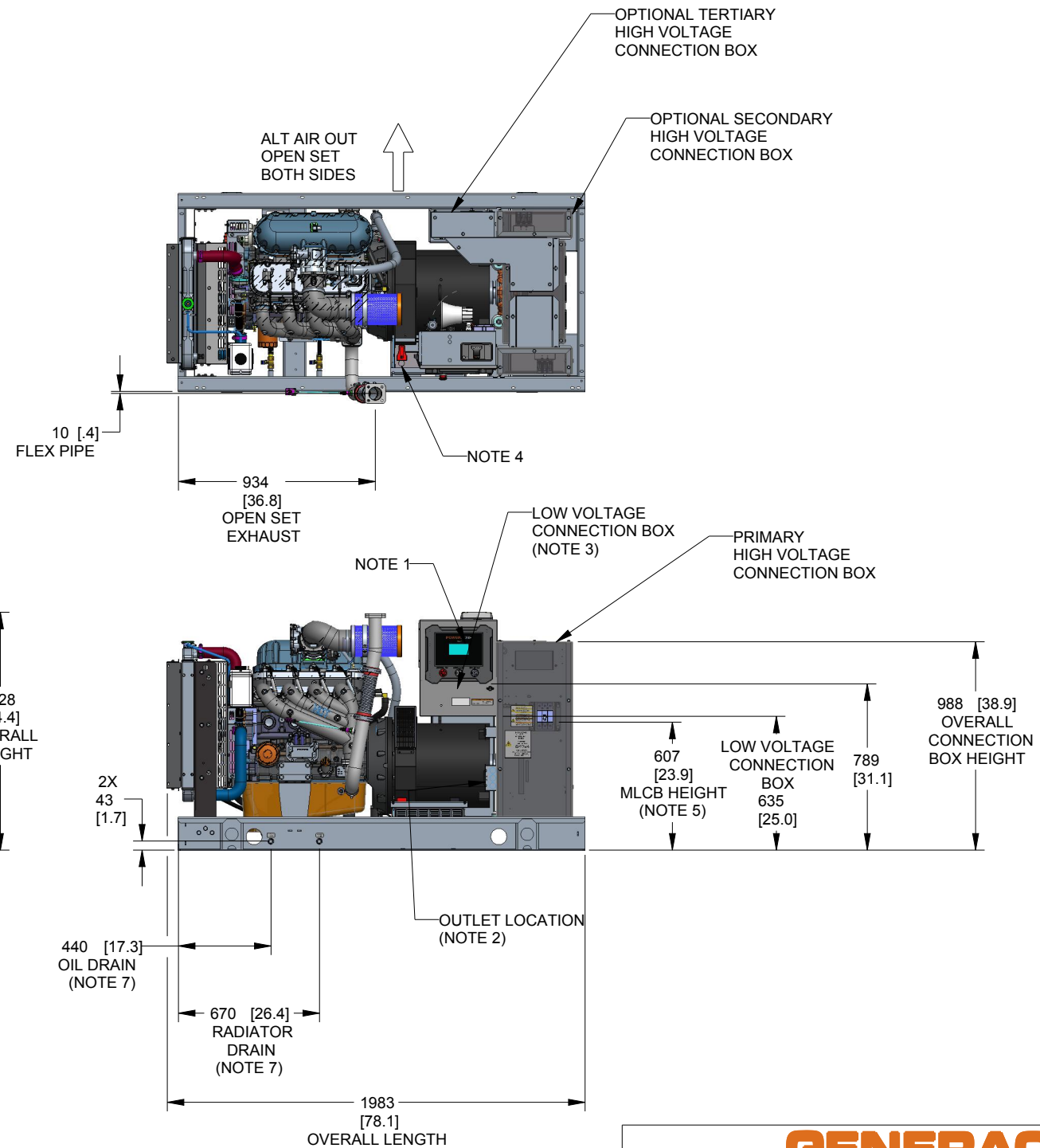


Notes:

- CONTROL PANEL, (BATTERY CHARGER INSIDE).
- 120V, 20A GFCI & 250V, 15A OUTLET (OPTIONAL).
- CONNECTION POINTS FOR CONTROL WIRES PROVIDED IN THE LOW VOLTAGE CONNECTION BOX (USE LOW VOLTAGE STUB-UP AREA).
- BATTERY (12 VOLT NEGATIVE GROUND SYSTEM).
- MAIN LINE CIRCUIT BREAKER (MLCB), AC LOAD LEADS. (DIMENSIONS MAY VARY DUE TO UNIT CONFIGURATION)
- CENTER OF GRAVITY AND WEIGHT MAY CHANGE DUE TO UNIT OPTIONS. FOR WEIGHT AND CENTER OF GRAVITY DATA SEE SHEET 3
- ENGINE SERVICE CONNECTIONS:  
 INLET NATURAL GAS = 1-1/4" NPT FEMALE COUPLING  
 INLET DIESEL = N/A  
 RETURN DIESEL = N/A  
 OIL DRAIN = 1/2" NPT COUPLING  
 RADIATOR DRAIN = 1/2 NPT COUPLING,  
 FLEX PIPE OUTLET = 2.5" ID - WELD ON FLANGE PROVIDED  
 EXHAUST OUTLET = N/A  
 \*\*\*\*\* SEE GENERATOR SIZING GUIDE FOR FUEL PIPE SIZING TO SUIT APPLICATION \*\*\*\*\*
- AUXILIARY AC CONNECTION FOR UNIT OPTIONS ARE LOCATED IN HIGH VOLTAGE CONNECTION BOX, UNLESS AN OPTIONAL LOAD CENTER IS INSTALLED.
- EXHAUST PIPES MAY BE ROTATED TO ALLOW MUFFLER TO POINT OUT TO THE RIGHT OR LEFT SIDE OF GENERATOR. (MAY NOT APPLY TO ALL UNITS)
- GENERATOR SET MUST BE INSTALLED SUCH THAT FRESH COOLING AIR IS AVAILABLE AND DISCHARGE AIR FROM THE RADIATOR IS NOT RECIRCULATED.
- BOTTOM OF GENERATOR SET MUST BE ENCLOSED TO PREVENT PEST INTRUSION AND RECIRCULATION OF DISCHARGE AIR AND/OR IMPROPER COOLING AIR FLOW.
- EXHAUST SYSTEM MAXIMUM BACK PRESSURE = 10" H2O (ADDITIONAL).
- INSTALL EXHAUST BLANKETS ALONG THIS LINE.
- CONNECT THE OPEN SET EXHAUST PER NFPA 37
- BLANKETS SHOULD NOT COVER OXYGEN SENSOR.
- OXYGEN SENSOR (IF EQUIPPED) MUST BE MOUNTED BETWEEN ENGINE OUTLET AND CATALYST INLET IN PORT PROVIDED.
- CATALYST MUST BE MOUNTED IN DESCRIBED POSITION. FAILING TO FOLLOW THESE INSTRUCTIONS WHEN INSTALLING A CERTIFIED ENGINE IN A PIECE OF STATIONARY EQUIPMENT VIOLATES FEDERAL LAW 40CFR 1068.105(b), SUBJECT TO FINES OR PENALTIES AS DESCRIBED IN THE CLEAN AIR ACT.
- BOLTS OR STUDS USED TO MOUNT UNIT TO PAD SHALL BE 5/8 - 11 GRADE 5.



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DIMENSIONS ARE IN MILLIMETERS [INCHES]



TITLE				
OPEN SET G4.5L 60Hz SG35, SG40, SG45, SG50				
ISSUE DATE:				
SIZE	CAGE NO	DWG NO	REV	
B	N/A	A0000292914	C	
SCALE	0.035	WT-KG	SHEET	1 of 3

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ELECTRONICALLY APPROVED  
INSIDE WINDCHILL

4

3

SH

2/3

REV

C

WINDCHILL VERSION

C.5

1

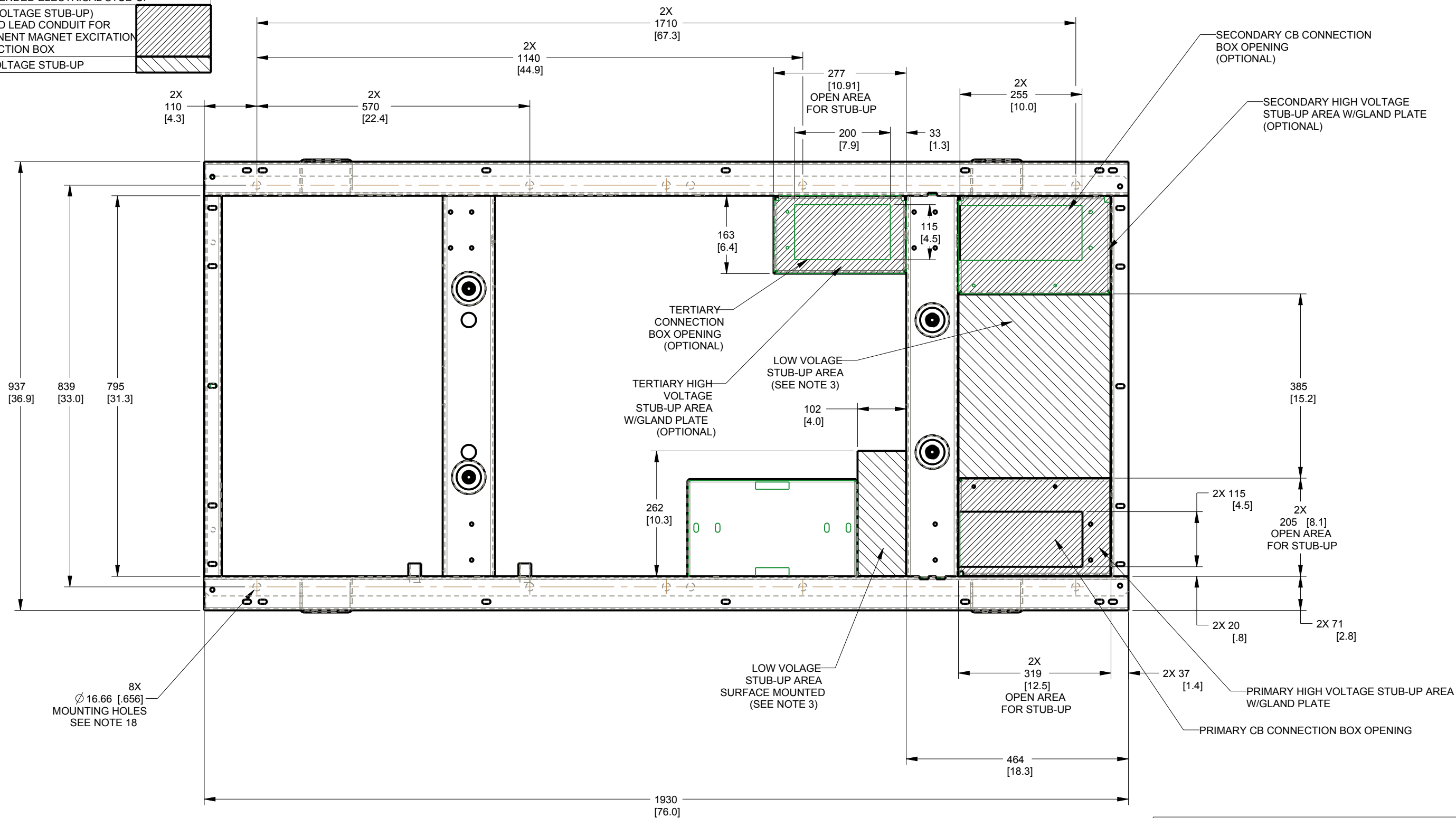
RECOMENDED ELECTRICAL STUB-UP  
 (HIGH VOLTAGE STUB-UP)  
 AC LOAD LEAD CONDUIT FOR  
 PERMANENT MAGNET EXCITATION  
 CONNECTION BOX  
 LOW VOLTAGE STUB-UP

B

B

A

A



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DIMENSIONS ARE IN MILLIMETERS [INCHES]



TITLE				
STUB-UP G4.5L 60Hz SG35, SG40, SG45, SG50				
ISSUE DATE:				
SIZE	CAGE NO	DWG NO	REV	
B	N/A	A0000292914	C	
SCALE	WT-KG	SHEET		2 of 3
0.120				

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INSIDE WINDCHILL

# INSTALLATION DRAWING

4

3

2

1

OPEN SET

MODEL	VOLTAGE	WEIGHT	CENTER OF GRAVITY DIM X	CENTER OF GRAVITY DIM Y	CENTER OF GRAVITY DIM Z
SG35, SG40, SG45, SG50	220V, 240V, Ø	759.8 kg [1675 lbs.]	1038 [40.9]	551 [21.7]	444 [17.5]
SG35, SG40, SG45, SG50	600V	763.4 kg [1683 lbs.]	1038 [40.9]	551 [21.7]	
SG35, SG40, SG45, SG50	208V, 240V, 400V, 480V	765.2 kg [1687 lbs.]	1038 [40.9]	551 [21.7]	
SG35, SG40, SG45, SG50	220V, 240V, Ø UPSIZE	787.4 kg [1736 lbs.]	1014 [40]	546 [21.5]	
SG35, SG40, SG45, SG50	600V UPSIZE	791.1 kg [1744 lbs.]	1012 [39.8]	545 [21.5]	
SG35, SG40, SG45, SG50	208V, 240V, 400V, 480V UPSIZE	792.9 kg [1748 lbs.]	1011 [39.8]	545 [21.5]	

STD ENCLOSURE, STEEL

MODEL	VOLTAGE	WEIGHT	CENTER OF GRAVITY DIM X	CENTER OF GRAVITY DIM Y	CENTER OF GRAVITY DIM Z
SG35, SG40, SG45, SG50	220V, 240V, Ø	979.8 kg [2160 lbs.]	1069 [42.1]	614 [24.2]	448 [17.6]
SG35, SG40, SG45, SG50	600V	983.4 kg [2168 lbs.]	1069 [42.1]	614 [24.2]	
SG35, SG40, SG45, SG50	208V, 240V, 400V, 480V	985.2 kg [2172 lbs.]	1068 [42]	614 [24.2]	
SG35, SG40, SG45, SG50	220V, 240V, Ø UPSIZE	1007.4 kg [2221 lbs.]	1054 [41.5]	608 [23.9]	
SG35, SG40, SG45, SG50	600V UPSIZE	1011.1 kg [2229 lbs.]	1053 [41.5]	607 [23.9]	
SG35, SG40, SG45, SG50	208V, 240V, 400V, 480V UPSIZE	1012.9 kg [2233 lbs.]	1052 [41.4]	607 [23.9]	

STD ENCLOSURE, ALUMINUM

WEIGHT	CENTER OF GRAVITY DIM X	CENTER OF GRAVITY DIM Y	CENTER OF GRAVITY DIM Z
859.1 kg [1894 lbs.]	1051 [41.4]	601 [23.7]	447 [17.6]
861.8 kg [1900 lbs.]	1051 [41.4]	601 [23.7]	
863.6 kg [1904 lbs.]	1051 [41.4]	600 [23.6]	
886.8 kg [1955 lbs.]	1035 [40.7]	595 [23.4]	
889.5 kg [1961 lbs.]	1034 [40.7]	595 [23.4]	
891.3 kg [1965 lbs.]	1034 [40.7]	594 [23.4]	

L1A ENCLOSURE, STEEL

MODEL	VOLTAGE	WEIGHT	CENTER OF GRAVITY DIM X	CENTER OF GRAVITY DIM Y	CENTER OF GRAVITY DIM Z
SG35, SG40, SG45, SG50	220V, 240V, Ø	1024.2 kg [2258 lbs.]	1071 [42.2]	616 [24.3]	449 [17.7]
SG35, SG40, SG45, SG50	600V	1026.9 kg [2264 lbs.]	1070 [42.1]	616 [24.3]	
SG35, SG40, SG45, SG50	208V, 240V, 400V, 480V	1028.7 kg [2268 lbs.]	1070 [42.1]	616 [24.3]	
SG35, SG40, SG45, SG50	220V, 240V, Ø UPSIZE	1051.9 kg [2319 lbs.]	1058 [41.7]	611 [24.1]	
SG35, SG40, SG45, SG50	600V UPSIZE	1054.6 kg [2325 lbs.]	1057 [41.6]	611 [24.1]	
SG35, SG40, SG45, SG50	208V, 240V, 400V, 480V UPSIZE	1056.4 kg [2329 lbs.]	1057 [41.6]	610 [24]	

L1A ENCLOSURE, ALUMINUM

WEIGHT	CENTER OF GRAVITY DIM X	CENTER OF GRAVITY DIM Y	CENTER OF GRAVITY DIM Z
901.3 kg [1987 lbs.]	1056 [41.6]	604 [23.8]	447 [17.6]
904.1 kg [1995 lbs.]	1056 [41.6]	604 [23.8]	
906.7 kg [1999 lbs.]	1056 [41.6]	604 [23.8]	
929 kg [2048 lbs.]	1042 [41]	599 [23.6]	
932.6 kg [2056 lbs.]	1041 [41]	599 [23.6]	
934.9 kg [2061 lbs.]	1041 [41]	598 [23.5]	

L2A ENCLOSURE, STEEL

MODEL	VOLTAGE	WEIGHT	CENTER OF GRAVITY DIM X	CENTER OF GRAVITY DIM Y	CENTER OF GRAVITY DIM Z
SG35, SG40, SG45, SG50	220V, 240V, Ø	1061.9 kg [2341 lbs.]	1076 [42.4]	626 [24.6]	452 [17.8]
SG35, SG40, SG45, SG50	600V	1065.5 kg [2349 lbs.]	1076 [42.4]	626 [24.6]	
SG35, SG40, SG45, SG50	208V, 240V, 400V, 480V	1067.3 kg [2353 lbs.]	1076 [42.4]	626 [24.6]	
SG35, SG40, SG45, SG50	220V, 240V, Ø UPSIZE	1089.5 kg [2402 lbs.]	1064 [41.9]	621 [24.4]	
SG35, SG40, SG45, SG50	600V UPSIZE	1093.2 kg [2410 lbs.]	1063 [41.9]	620 [24.4]	
SG35, SG40, SG45, SG50	208V, 240V, 400V, 480V UPSIZE	1095.4 kg [2415 lbs.]	1063 [41.9]	620 [24.4]	

L2A ENCLOSURE, ALUMINUM

WEIGHT	CENTER OF GRAVITY DIM X	CENTER OF GRAVITY DIM Y	CENTER OF GRAVITY DIM Z
939.4 kg [2071 lbs.]	1063 [41.9]	612 [24.1]	450 [17.7]
943 kg [2079 lbs.]	1063 [41.9]	612 [24.1]	
944.8 kg [2083 lbs.]	1063 [41.9]	612 [24.1]	
966.6 kg [2131 lbs.]	1049 [41.3]	607 [23.9]	
970.7 kg [2140 lbs.]	1049 [41.3]	606 [23.9]	
972.5 kg [2144 lbs.]	1048 [41.3]	606 [23.9]	

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DIMENSIONS ARE IN MILLIMETERS [INCHES]



TITLE

OPEN SET  
G4.5L 60Hz  
SG35, SG40, SG45, SG50

ISSUE DATE:

SIZE B	CAGE NO N/A	DWG NO A0000292914	REV C
SCALE 0.035	WT-KG	SHEET 3 of 3	

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