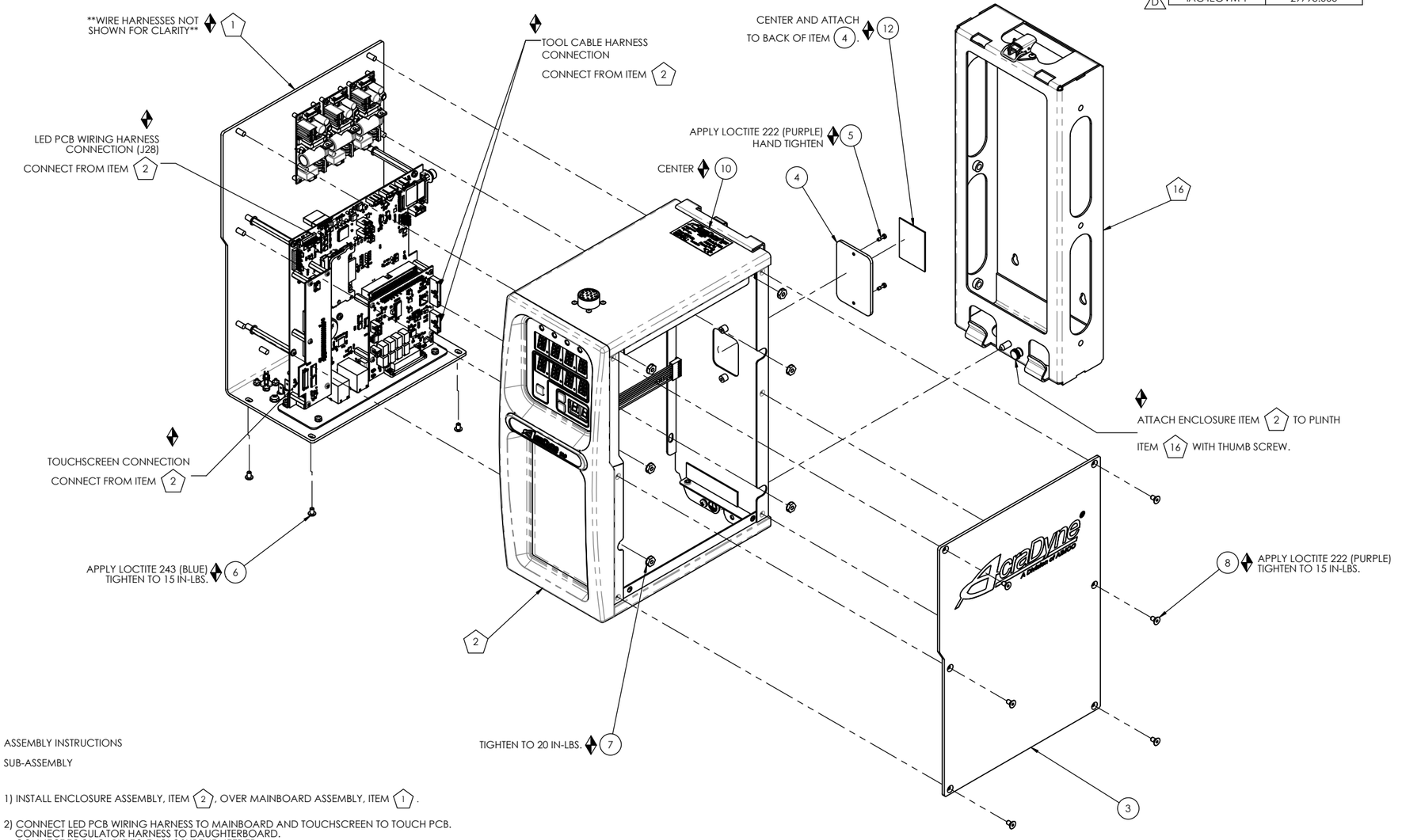
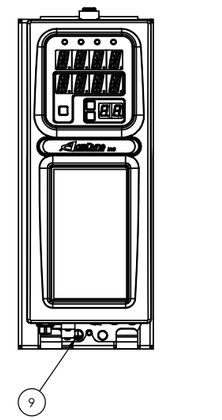
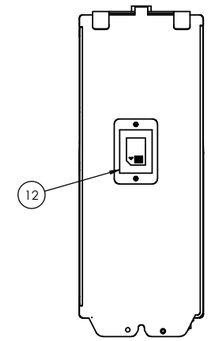
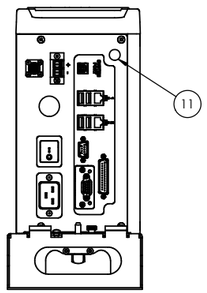
MODEL NO.	MAINBOARD ASSEMBLY
iAC4EGV-T	29793.001
iAC4EGVD-T	29793.002
iAC4EGVP-T	29793.003
iAC4EGVN-T	29793.004
iAC4EGVC-T	29793.005
iAC4EGVM-T	29793.006

COMMENTS	ITEM NO.	PART NUMBER	QTY.	DESCRIPTION
	1	SEE CHART	1	MAINBOARD ASSEMBLY, AIR, W/TOUCHSCREEN & I/O, TOP EXIT, BASE #
	2	29796	1	ENCLOSURE ASSEMBLY, AIR, W/ TOUCH, TOP EXIT
	3	27802	1	ENCLOSURE PANEL SIDE COVER
	4	29522	1	SD CARD COVER PLATE
	5	29798	2	SCREW, CAPTIVE FLUSH 4-40, PS10-440-40
	6	26088	4	SCREW, BHC 8-32X.25, STEEL, BLACK OXIDE
	7	23482	6	KEPS NUT, HEX 10-32, ZINC-PLATED
	8	26363	6	SCREW, FHSC 8-32x5/16, STEEL, BLACK OXIDE
	9	28293	1	DECAL, EARTH GROUND
	10	28294	1	LABEL, SERIAL NUMBER AND DESCRIPTION
	11	29309	1	SAFETY LABEL, READ OPERATOR'S MANUAL
	12	28615	1	DECAL, BACKUP CARD ACCESS
NOT SHOWN; TO SHIP LOOSE WITH ASSEMBLY	13	28292	1	CABLE, USB 2.0, MALE A TO B, 3M
NOT SHOWN; TO SHIP LOOSE WITH ASSEMBLY	14	27348	1	I/O WIRING ADAPTER ASSEMBLY
NOT SHOWN	15	29339	2	MAC ADDRESS
	16	27816	1	PLINTH ASSEMBLY, WALL MOUNT









◆ ASSEMBLY INSTRUCTIONS
⬠ SUB-ASSEMBLY

1) INSTALL ENCLOSURE ASSEMBLY, ITEM (2), OVER MAINBOARD ASSEMBLY, ITEM (1).

2) CONNECT LED PCB WIRING HARNESS TO MAINBOARD AND TOUCHSCREEN TO TOUCH PCB.
CONNECT REGULATOR HARNESS TO DAUGHTERBOARD.
CONNECT TOOL CABLE TO ENCLOSURE, IF NEEDED.

3) INSTALL FASTENERS, ITEM (6) AND THEN HEX NUTS, ITEM (7).

4) INSTALL COVER PLATE, ITEM (3), WITH FASTENERS, ITEM (8).

5) INSTALL SD COVER PLATE, ITEM (4) WITH FASTENERS, ITEM (5).

6) INSTALL DECAL, ITEM (12) CENTERED ON ITEM (4).

7) ATTACH MOUNTING PLINTH, ITEM (16).

8) PRINT AND INSTALL LABELS, ITEM (9), (10), AND (11).

9) ADD MAC ADDRESSES TO CONTROLLER, ITEM (15), PER W2030.

10) SHIP USB CABLE, ITEM (13), AND I/O WIRING ADAPTER ASM., ITEM (14), LOOSE WITH CONTROLLER.

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PORTLAND, OREGON 97216
503.254.6600

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REVISION LEVEL	REVISION RELEASE DATE	DESCRIPTION OF CHANGES MADE TO PART	ECN #	AUTHOR/ APPROVAL

REVISION BLOCK

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES
DIMENSIONS AND TOLERANCING PER ANSI Y14.5
SURFACE ROUGHNESS PER ANSI Y14.36

BLOCK TOLERANCING PER DECIMAL:
.X = ±.030 .XX = ±.010 .XXX = ±.005 .XXXX = ±.0005
ANGLE = ±0° 30'

REMOVE BURRS AND SHARP EDGES: R.015 MAX
MACHINE SURFACE FINISH: 125 RMS OR BETTER

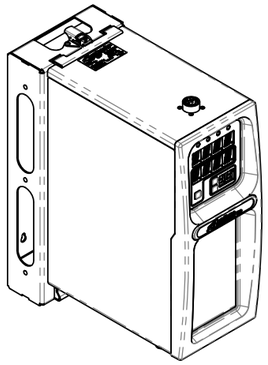
DRAWINGS AND TECHNICAL DOCUMENTS CONTROLLED BY:
ACRADYNE MECHANICAL ENGINEERING

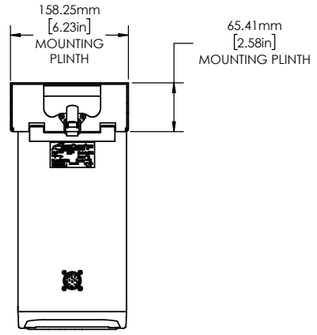
CONTROLLER ASSEMBLY, AIR, W/TOUCHSCREEN & I/O, TOP EXIT, GEN 4, BASE

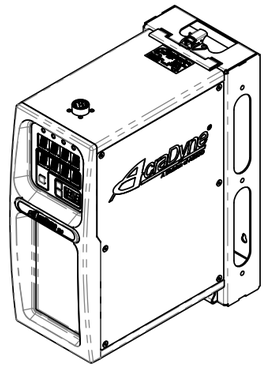
GEN 4

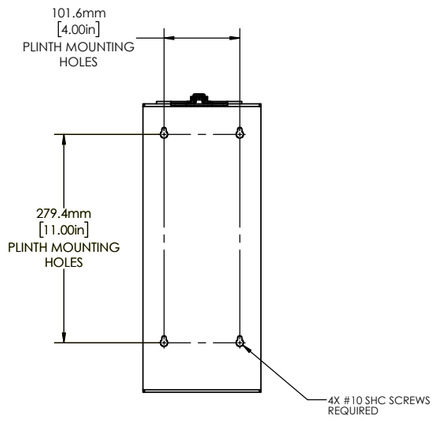
SIZE	PART / DRAWING NUMBER	REVISION
D	iAC4EGV_-T	D

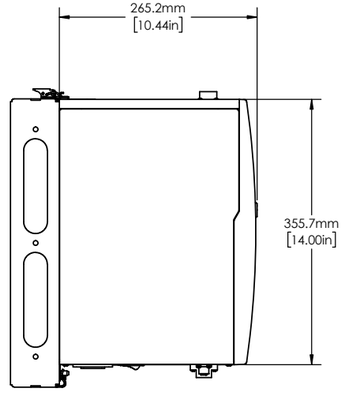
SCALE 2:5 | DO NOT SCALE DRAWING | SHEET 1 OF 2

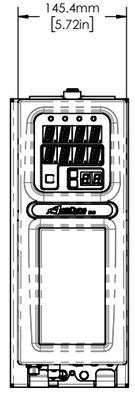


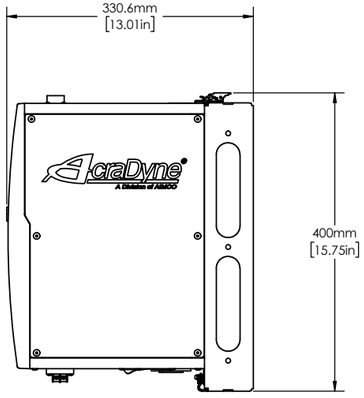


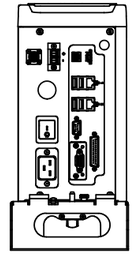












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SCALE 1:4	DO NOT SCALE DRAWING	SHEET 2 OF 2