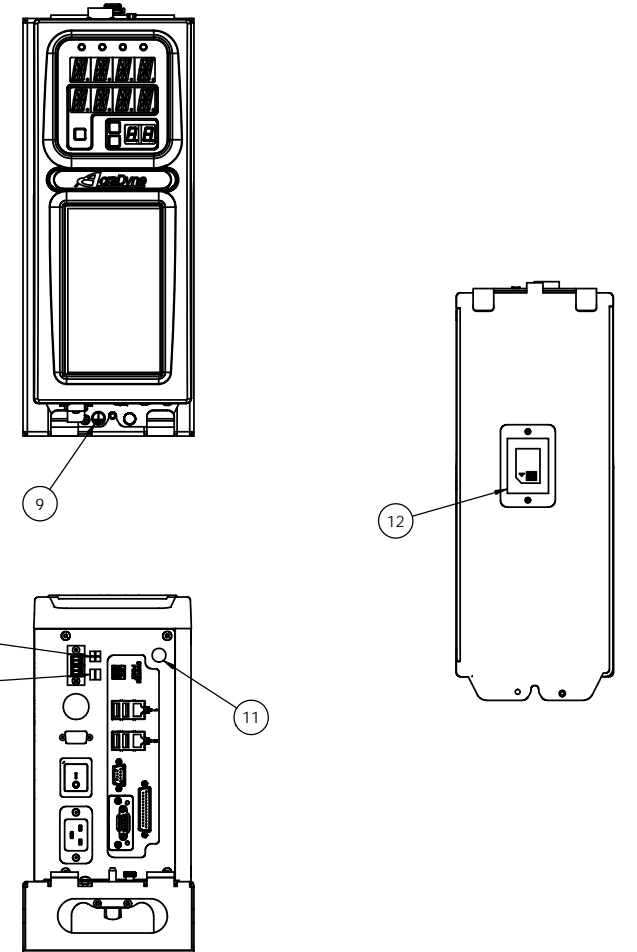
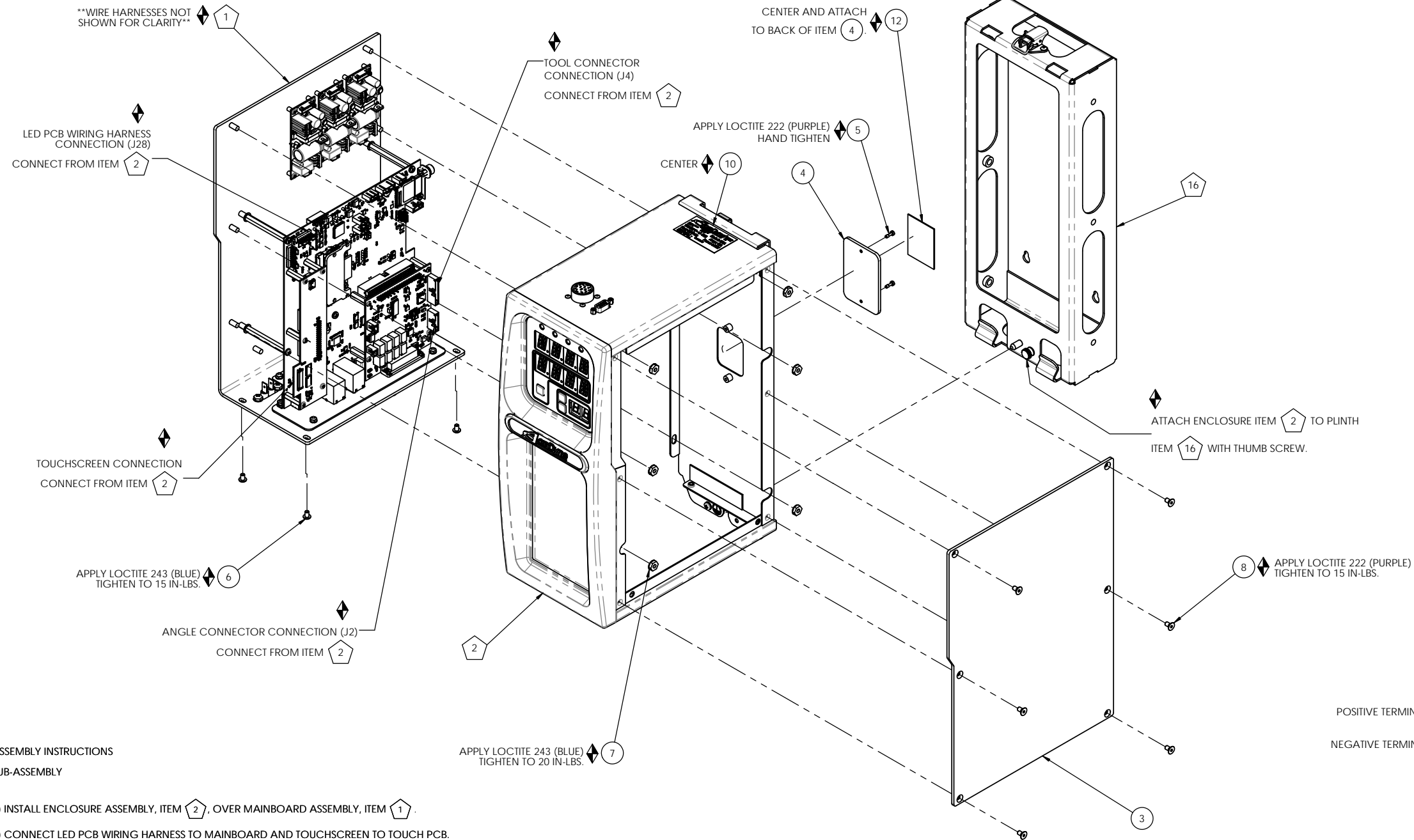


MODEL NO.	MAINBOARD ASSEMBLY
iAC4EGV-T	29793.001
iAC4EGVD-T	29793.002
iAC4EGVP-T	29793.003
iAC4EGVN-T	29793.004
iAC4EGVC-T	29793.005

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
	17	29849	1	DECAL, PLUS/POSITIVE POLARITY, I5005a
	18	29850	1	DECAL, MINUS/NEGATIVE POLARITY, I5006a



- ◆ 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 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, 11 AND 17 & 18.
  - 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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REVISION LEVEL	REVISION RELEASE DATE	DESCRIPTION OF CHANGES MADE TO PART	ECN #	AUTHOR/ APPROVAL

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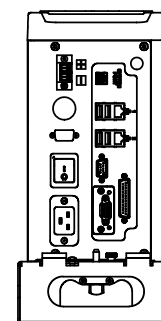
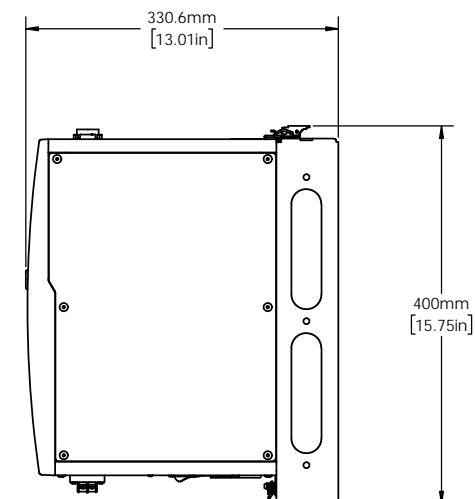
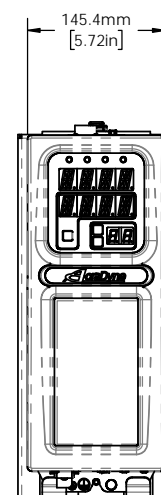
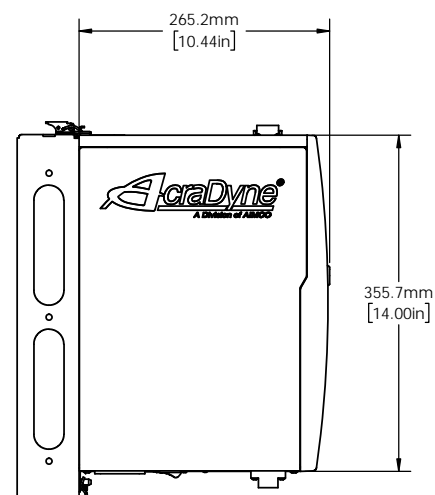
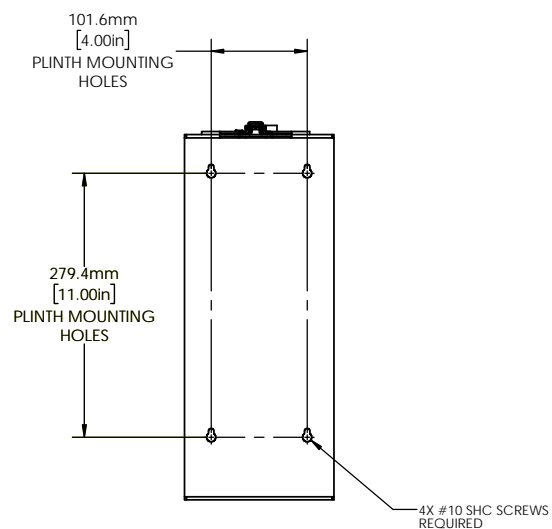
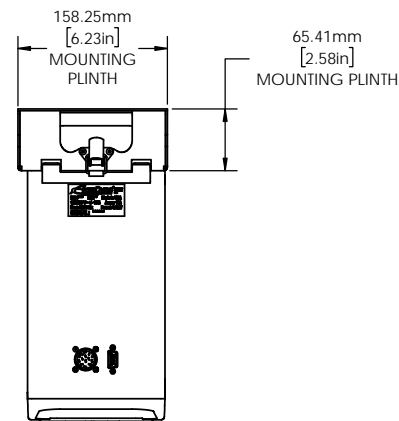
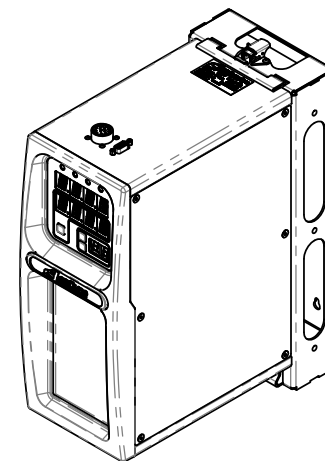
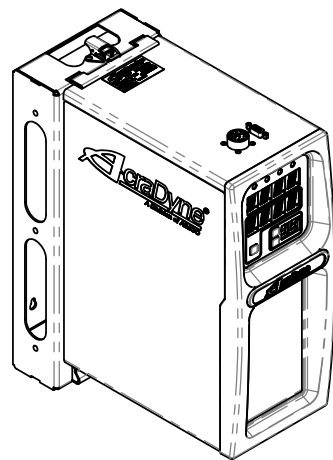
**UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES**  
 DIMENSIONS AND TOLERANCING PER ANSI Y14.5  
 SURFACE ROUGHNESS PER ANSI Y14.36

**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

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**ACRADYNE MECHANICAL ENGINEERING**

<b>CONTROLLER ASSEMBLY, AIR, W/TOUCHSCREEN &amp; I/O, TOP EXIT, GEN 4, BASE #</b>		
GEN 4		
SIZE	PART / DRAWING NUMBER	REVISION
<b>D</b>	<b>iAC4EGV_-T</b>	<b>A</b>
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