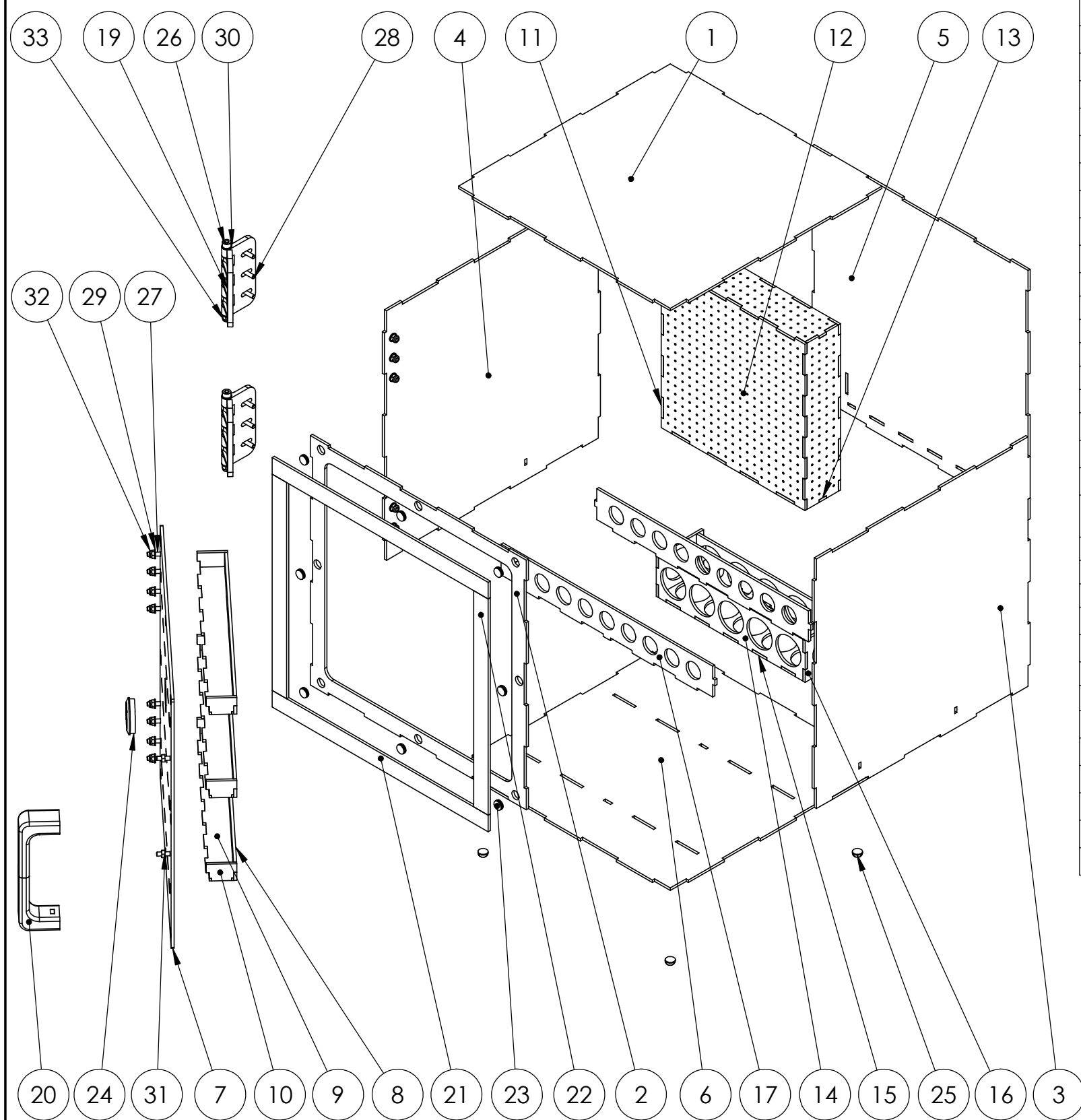


COMPLETE BILL OF MATERIALS



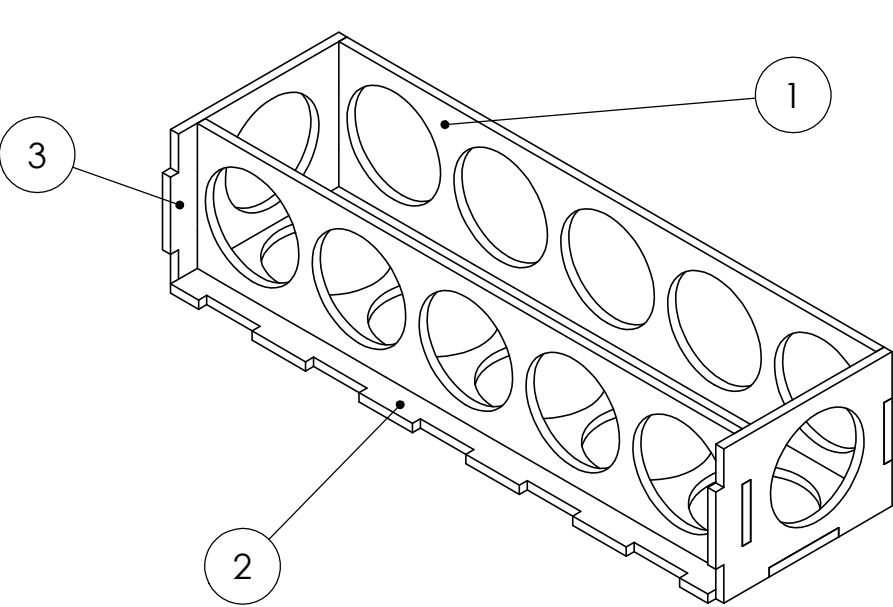
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Top Panel	Laser Cut 3mm Acrylic	1
2	Front Panel	Laser Cut 3mm Acrylic	1
3	Side Panel Right	Laser Cut 3mm Acrylic	1
4	Side Panel Left	Laser Cut 3mm Acrylic	1
5	Back Panel	Laser Cut 3mm Acrylic	1
6	Base Panel	Laser Cut 3mm Acrylic	1
7	Door	Laser Cut 3mm Arcylic	1
8	Shelf Front	Laser Cut 3mm Acrylic	3
9	Shelf Base	Laser Cut 3mm Acrylic	3
10	Shelf Side	Laser Cut 3mm Acrylic	6
11	Desiccant Pack Side	Laser Cut 3mm Acrylic	2
12	Desiccant Pack Front	Laser Cut 3mm Acrylic	2
13	Desiccant Pack Bottom	Laser Cut 3mm Acrylic	2
14	Desicant Holder Front	Laser Cut 3mm Acrylic	2
15	Desiccant Holder Bottom	Laser Cut 3mm Acrylic	1
16	Desicant Holder Side	Laser Cut 3mm Acrylic	2
17	Spool rest	Laser Cut 3mm Acrylic	2
18	Hinge A	3D Printed from PLA	2
19	Hinge B	3D Printed from PLA	2
20	Handle	3D Printed from PLA 2 Parts	1
21	Foam Tape 350X3mm	Width cut to size in place	2
22	Foam Tape 430X3mm	Width cut to size in place	2
23	Magnet Disk, 10 X 1mm	Deal Extreme SKU 13516	48
24	Hygrometer	34mm Diameter Cut Out	1
25	Rubber Foot	Self Adhesive	5
26	Socket Cap Screw, M5 X 90		2
27	Socket Head Cap Screw CS M4 X16		10
28	M4 X 16		6
29	Washer M4		20
30	Washer M5		4
31	Nut M4		2
32	Nylock Nut M4		14
33	Nylock Nut M5		2

- IMPORTANT NOTES:**
- ALL NUTS AND SCREWS TO HAVE WASHER WHERE POSSIBLE IF THEY ARE IN CONTACT WITH ARCYLIC/PLASTIC PARTS. BE CAREFULLY NOT TO OVER TIGHTEN FASTNERS AND DAMAGE ACRYLIC PARTS.
 - UNIT HAS BEEN DESIGNED TO FIT 4 DIAMOND AGE 1KG SPOOLS. OTHER SPOOLS MAY FIT BUT NO OTHER SPOOLS HAVE BEEN TRIED

- ASSEMBLY NOTES:**
- DRY FIT ALL LASER CUT PIECES TOGETHER TO CONFIRM GOOD FIT BEFORE GLUEING. ADJUST CLEARANCES WITH FILE IF NEEDED
 - ACRYLIC PARTS TO BE GLUED TOGETHER WITH ACRYLIC SOLVENT GLUE WITH FILLER SUCH AS IPS WELD-ON #16
 - FOR GOOD SEAL RUN OVER ALL ARCYLIC JOINTS WITH SOLVEN GLUE IN A SYRINGE (NOTE SYRINGE RUBBER PLUNGER WILL ONLY LAST FOR A FEW HOURS)
 - SILICONE SEALANT HYGROMETER IN FOR GOOD SEAL
 - USE DESICANT WITH PARTICLE SIZE GREATER THAN 2mm TO PREVENT IT FALLING OUT OF DESICANT HOLDER
 - COUNTER SINK SCREW HOLES IN BACK OF DOOR TO SUIT M4 COUNTERSUNK SOCKET CAP SCREW. USE DRILL PRESS ON LOW SPEED WITH WATER (ONLY) AS COOLANT FOR GOOD RESULTS
 - STACK MAGNETS IN LOTS OF 3 THEN GLUE IN APPROPRIATE HOLES. ORENTIATE SO MAGNETS PULL DOOR SHUT BEING CAREFULL NOT TO STRESS GLUE UNTIL FULLY DRY.
 - GLUE HANDLE PIECES TOGETHER WITH CYANOACRYLATE (SUPER GLUE) CONFIRM GOOD FIT BEFORE GLUEING AND ADJUST WITH FILE IF NEEDED

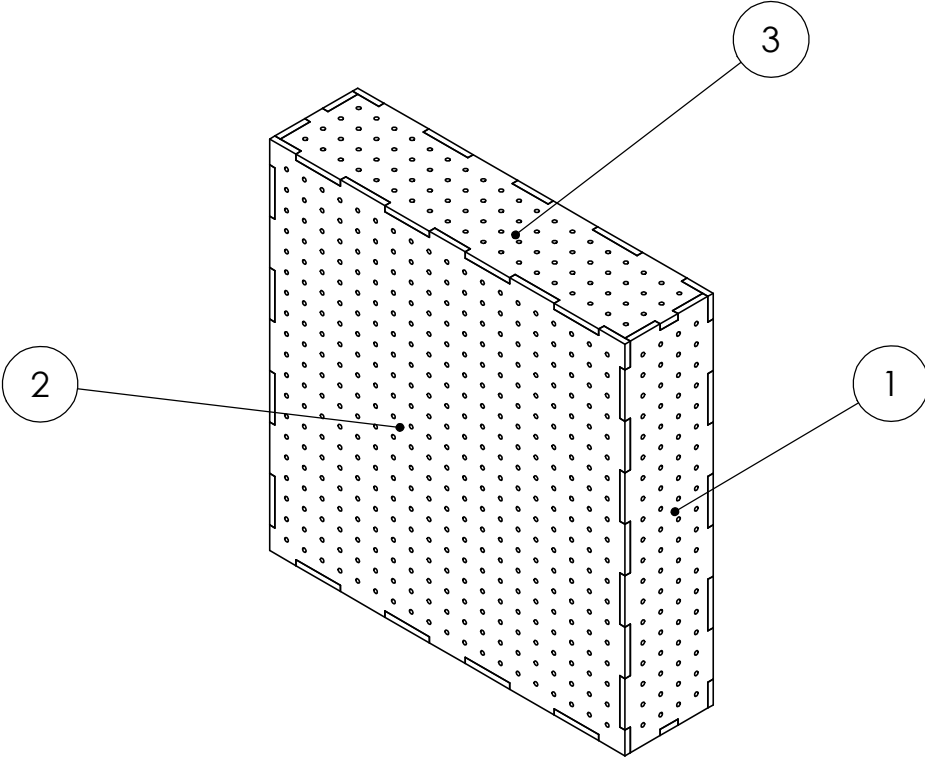
	NAME	DATE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS	TITLE: Keep it Dry		REV A	A3
DRAWN	WWFP	11/2012		SCALE:1:5		DO NOT SCALE DRAWING	SHEET 1 OF 3
CHECKED							

LOW LEVEL ASSEMBLIES



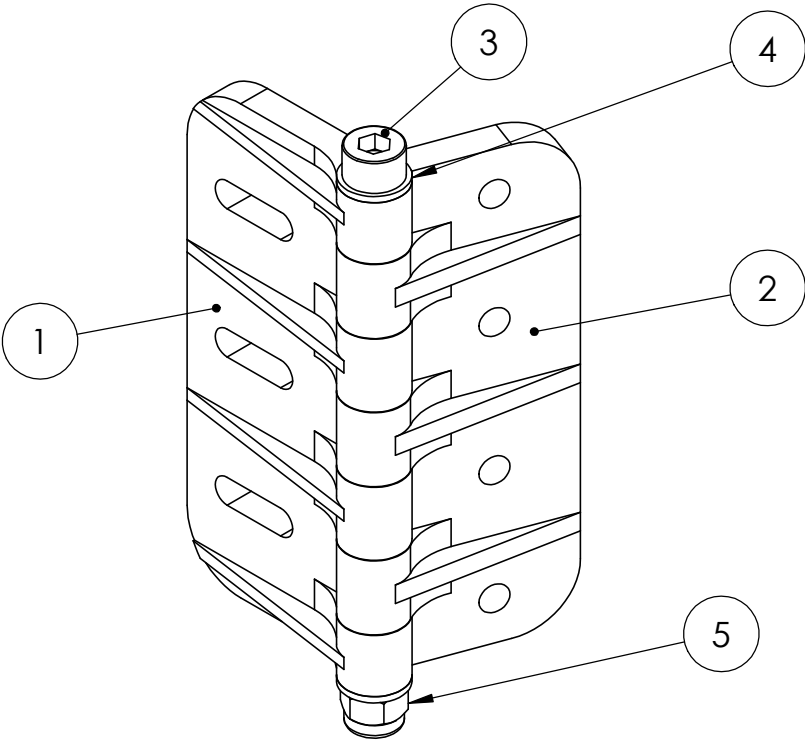
DESICCANT HOLDER

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Desiccant Holder Front	Laser Cut 3mm Acrylic	2
2	Desiccant Holder Bottom	Laser Cut 3mm Acrylic	1
3	Desiccant Holder Side	Laser Cut 3mm Acrylic	2



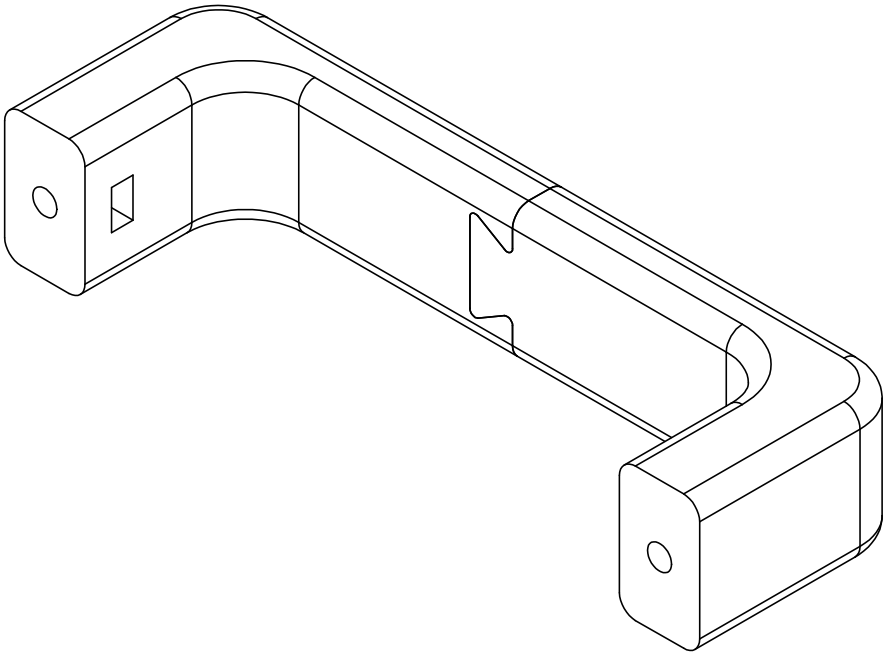
DESICCANT PACK

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Desiccant Pack Side	Laser Cut 3mm Acrylic	2
2	Desiccant Pack Front	Laser Cut 3mm Acrylic	2
3	Desiccant Pack Bottom	Laser Cut 3mm Acrylic	2

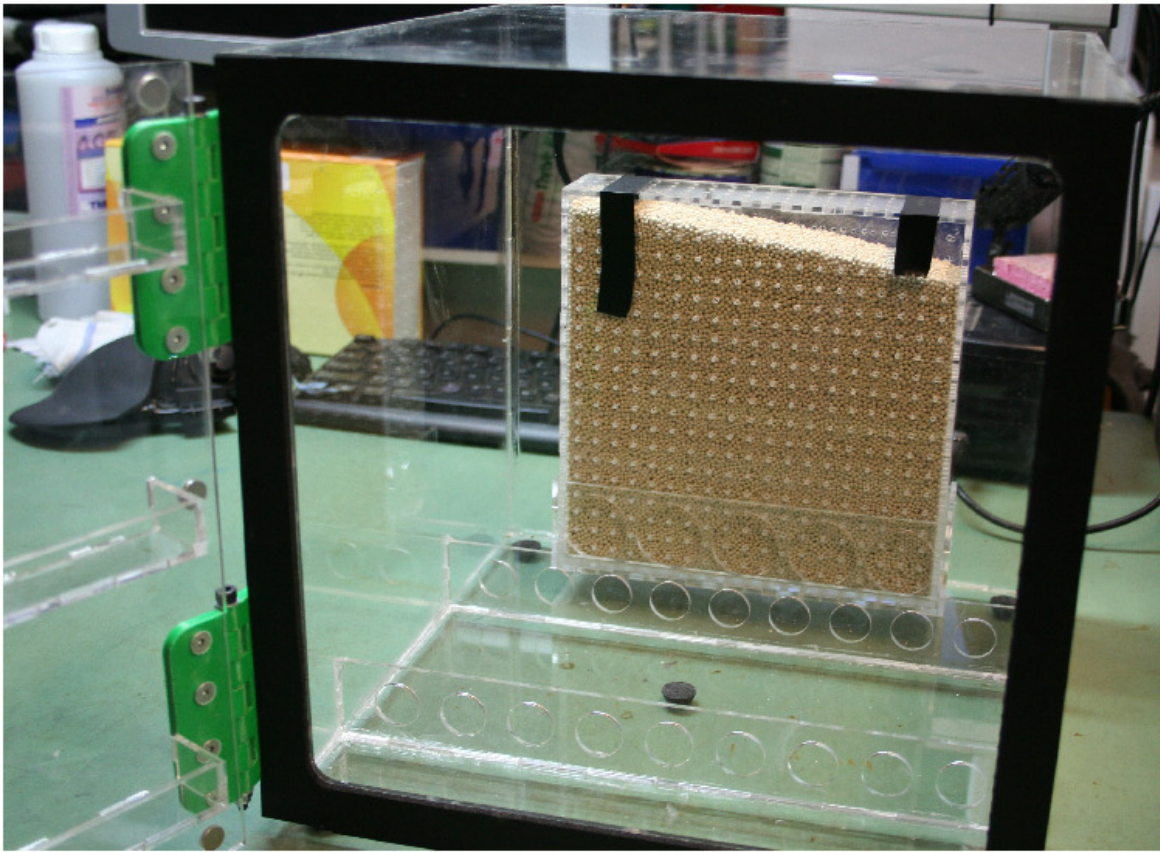
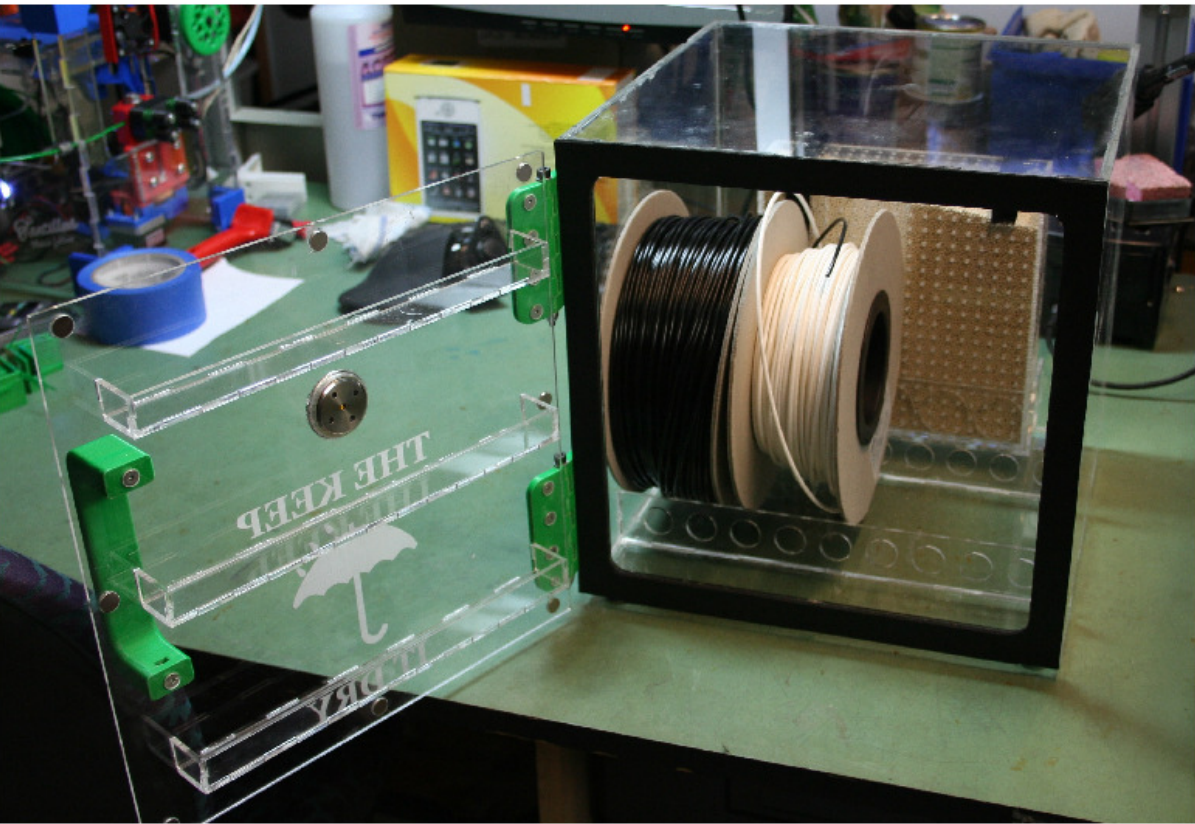
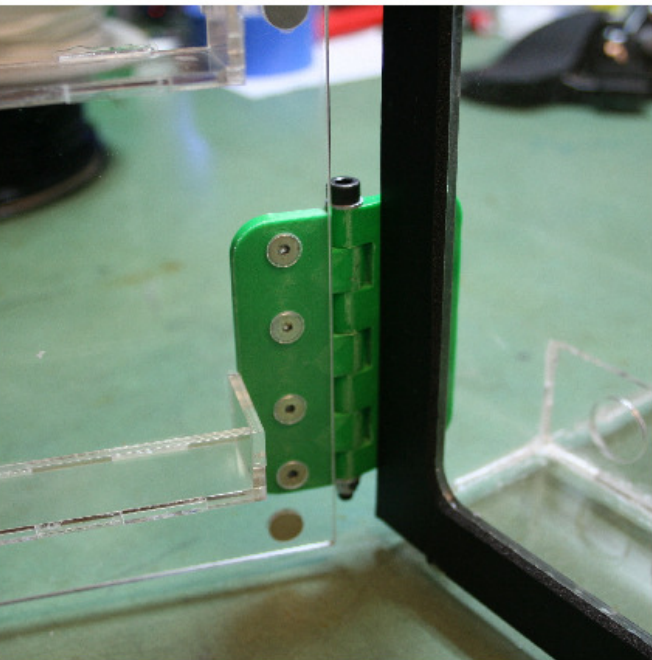
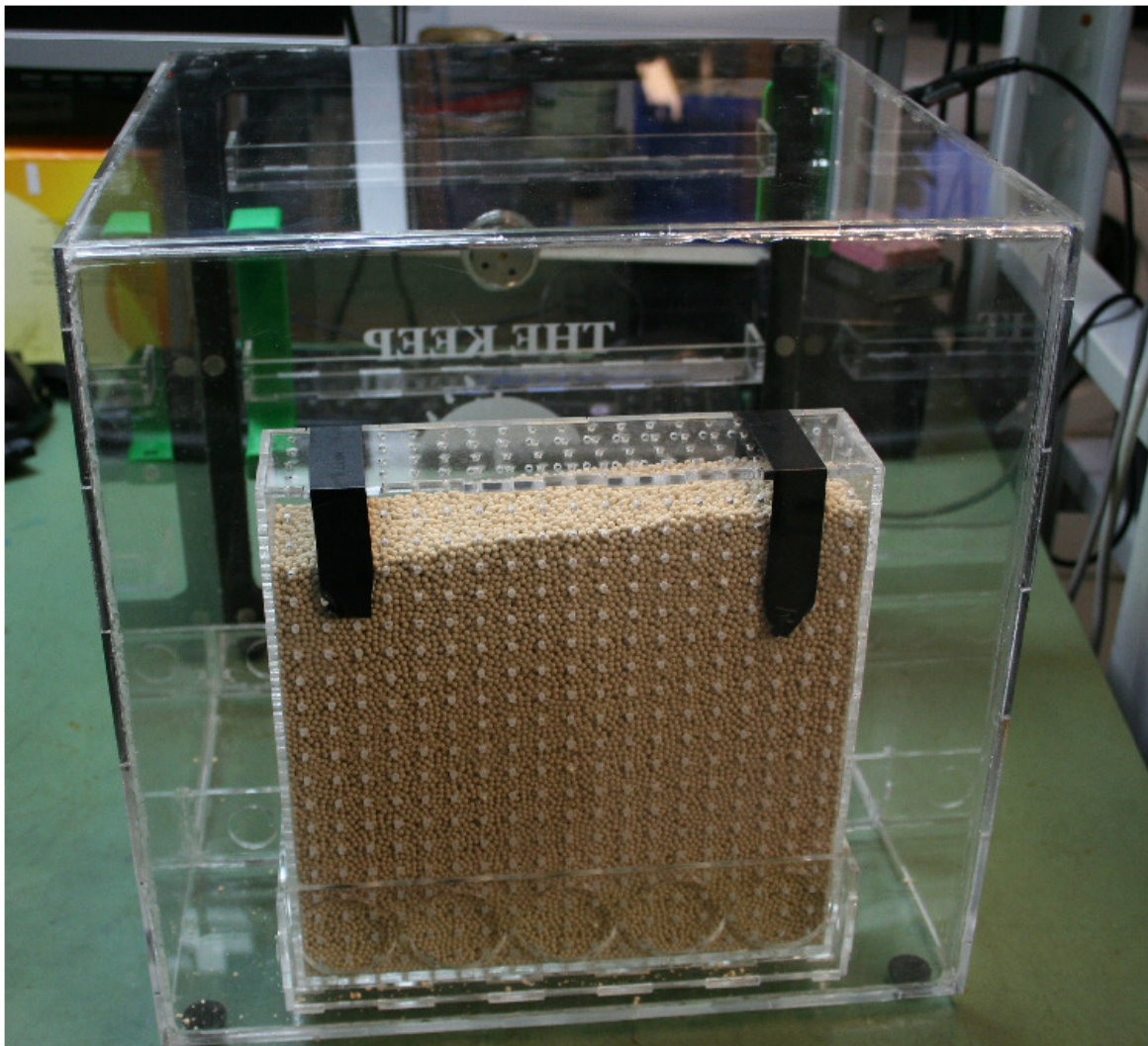
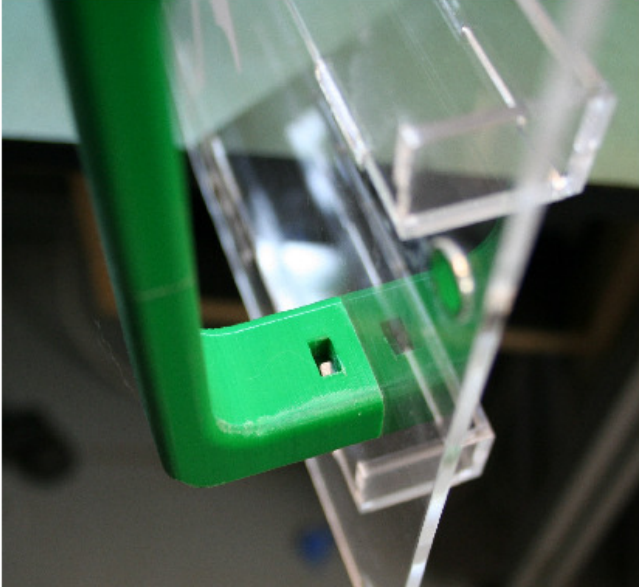
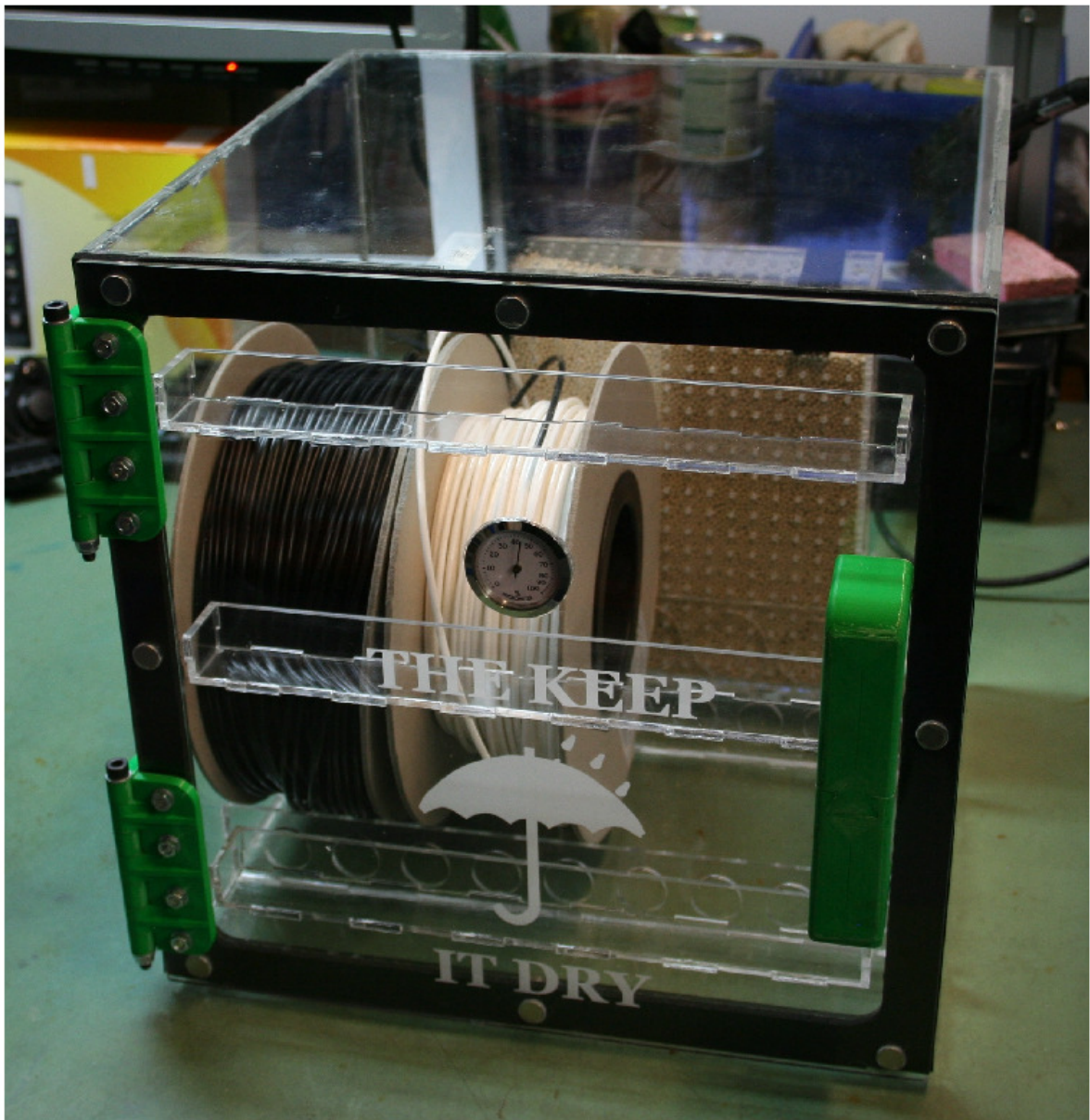


HINGE

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Hinge A	3D Printed from PLA	1
2	Hinge B	3D Printed from PLA	1
3	Socket Cap Screw, M5 X 90		1
4	Washer M5		2
5	Nylock Nut M5		1



PHOTOS OF 1ST ASSEMBLED UNIT



	NAME	DATE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS	TITLE: Keep it Dry	REV A	A3
DRAWN	WWFP	11/2012		SCALE:1:4	DO NOT SCALE DRAWING	SHEET 3 OF 3
CHECKED						