

Notes	Quantity	Quantity/Complete	Cost per unit material	Cost Per	Supplier	Link	Supplier Notes
Blower Box							
Junction box	Must be Certex, not Carlan	1	1	16.26	16.26 CED	NA	
Foam Gasket	Approx dimensions, 1/8" thick closed cell foam. Sometimes sold under the name of "foam tape"	6"x6"	1	0.35	0.35 ebay	https://www.ebay.com/itm/162519843410	
Filter Tray	1/4" thick acrylic or lexan	6"x6"	1	2	2		The original source, Foambymail.com is no longer shipping. I would consider this link, and 2 of the 5 packs of sheets Terry had on hand
Squirrel Cage Fan	12V Fan from SparkFun	1	1	5.36	5.36 SparkFun	https://www.sparkfun.com/products/11270	Ordered 200 originally. Some were non functional or had bad wires. May need to order more
Wire	22AWG	6"	1	0.25	0.25 SparkFun	https://www.sparkfun.com/products/8865	
Rocker Switch	SPST Switch	1	1	0.5	0.5 SparkFun	https://www.sparkfun.com/products/11138	
DC Barrel Jack	5mm/2.1mm standard jack	1	1	0.95	0.95 SparkFun	https://www.sparkfun.com/products/10811	Ordered 200 originally, may need to order a few more to fulfill all needs Ordered 200 originally, may need to order a few more to fulfill all needs
Switch box	Machined 12mm thick pvc	1	1				
Heat Shrink	1/8" Heat Shrink	5	1	0.4	0.4 Digikey	https://www.digikey.com/product-detail/en/F2211%2B+BK147/F2211%2B+BK147-ND/3718271?utm_medium=email&utm_source=oce&utm_campaign=3070_OCE20RT&utm_content=productdetail_US&utm_cid=1231472&so=63653074&mkt_tok=eyJpIjoiWxpFeilqVTRaaklST1dSaalsinQjUjVXJGVko1YTBCSjWobVZlYmUzZvUSIQMTorWkhudWR	Ordered 1000 pieces originally, will need more to finish all needs
Fan Plate	.155" Lexan or Acrylic. Approx Dimensions	6"x6"	1	1.5	1.5		Terry had on hand
Epoxy	Used to set and seal various components. Use with Epoxy gun		1	1	1		
#10-24 3" Tapered head Through Bolts	Bolts that hold the belt plate on and go into the junction box to support the plate	4	1	1.6	1.6	https://www.homedepot.com/p/Everbilt-10-24-x-3-in-Phillips-Flat-Head-Zinc-Plated-Machine-Screw-3-Pack-803921/204274882	We bought all stock. May need to place a proper order
#10-24 Nuts		6	1	0.3	0.3 Ace Hardware	https://www.homedepot.com/p/Everbilt-10-24-Zinc-Plated-Machine-Screw-Nut-100-Pack-800262/204274479	We bought all stock. May need to place a proper order/get them from Home Depot
Spacer under Fan Plate	Tubing of some sort, that slides over a #10 bolt. Used something Terry had	1	1	0	0		Need to decide what is a good option here
#10 washers	2 per bolt as a spacer for the belt	8	1	0.3	0.3 Ace Hardware	https://www.homedepot.com/p/Everbilt-10-Zinc-Flat-Washer-100-Pack-800442/204276404	We bought all stock. May need to place a proper order
Belt Plate	.155" Lexan. Approx Dimensions	6"x6"	1	1.5	1.5		
1.5" Nylon Flat Webbing		63"	1	1.7	1.7 Rockywoods.com		
1.5" Dual Side Adjustable Side Release Buckle		1	1	0.6	0.6 Rockywoods.com		
#8-32 x 1.75" pan head machine screws for Fan	Lowes / Part#35328 / Box: (50)	1	3	0.12	0.36 Ace Hardware	https://www.homedepot.com/p/8-32-x-2-1-2-in-Combo-Round-Head-Zinc-Plated-Machine-Screw-4-Pack-803151/204274619	We bought all stock. May need to place a proper order.
#8-32 Nuts for Fan Bolts	Using a #8-32 x 1.75" pan head screw	1	3	0.12	0.36 Ace Hardware	https://www.homedepot.com/p/Prime-Line-8-to-32-Zinc-Plated-Steel-Machine-Screw-Hex-Nuts-100-Pack-9074078/310538113	We bought all stock. May need to place a proper order. If we can find the right size screw we dont need as many
1" to 1/2" PVC Reducer Bushing	Needs to be milled or drilled out to relieve the exhaust of the fan (we used a Dremel)	1	1	0.47	0.47 Grand Junction Pipe on La Posta.		Ask for Jason @ Grand Junction Pipe, need to see how many we have on hand
PVC Pressure Fitting #D2466	For connection between box and hose	1	1				
PVC Glue					0.25 Home Depot		
Heavy Duty Velcro (non-fabric kind)	The all plastic, no fuzzy fabric kind). Cut into 3 x 2" pieces. 1 on box, and 1 on fan	6" total	1	0.8	0.8 Home Depot	https://www.homedepot.com/p/3M-Scotch-1-in-x-10-ft-Clear-Extreme-Fasteners-1-Pack-RF6760/204465393?MERCH=REC_-PLP_Search_-308670068_310771829_308670043_310771769_-204465393_-N	We bought a lot, but I am not sure how much more we will need
Battery Holders	With 8 AA battery holder with 2 1/5mm Male Plug. 2 per blower to so that they can be used together	1	2	5.36	10.72 Adafuit	https://www.adafuit.com/product/875	Ordered all available stock at the time from DigiKey. Will need more to finish total amount.
Hoses (3 per blower)							
1-1/4" I.D. Polypropylene Hose	3' per hose	3'	3	8.76	26.28 USPlastic	https://www.usplastic.com/catalog/item.aspx?itemid=30396	HI-TECH Duravent is the manufacturer. There part number is 210501251225
1" Union	The male sides will be used on the blower box, and on the back of the hood	2	6	2.45	14.7 Grand Junction Pipe on La Posta.		
1" PVC Lathed Adapter	Had to make these adapters by hand to go from metric hose to standard	2	6	0.1	0.6 Home Depot		Buy a stack of 1" ID PVC from Home Depot. Then someone needs to lathe these down by hand
PVC Glue	Clear, standard PVC Glue				0 Home Depot		
Hood Units (3 per blower)							
Face Shield	PETG (.030 can be sewn). 25 per 4x8' sheet, 6 per 2x4' sheet.	1	3	2	6		This was a guess on pricing
House Wrap	Everbilt Non-Woven (the exact version is important)	8'x54"	3	4	12 Home Depot	https://www.homedepot.com/p/Everbilt-Everbilt-9-ft-x-150-ft-Non-Woven-House-Wrap-100000040740306712963	I think we have enough on hand for the 50 blowers, but probably not 150 more blowers
Forehead Band Material	Approx 36 can be cut from a yard of fabric	1	3	0.4	1.2 Rockywoods.com	http://rockywoods.com/3-0mm-Colored-Spacer-Mesh	3mm Spacer Mesh
PVC Fabric for Back of Hood	Piece is approx 6x6", but the 'rolls' dont lay particularly flat	1	3	0.5	1.5 Home Depot	https://www.homedepot.com/p/Oatey-6-ft-x-10-ft-Shower-Pan-Linear-in-Grey-41845308374264	
Elastic	We used 3/8" elastic in our first production run. 1/2" would also work	21"	3	0.75	2.25 Elasticitytheyard.com		Originally got from Rockywoods.com. Out of stock. May need to order from Ebay
1" to 3/4" Reducer Bushing		1	3	0.47	1.41 Grand Junction Pipe on La Posta.		We have some in stock. Need to count before re ordering. Ask for Jason @ Grand Junction Pipe
1/8" Plastic "washer" to go on bushing	Cut on Water Jet from 3mm plastic Terry had on hand	1	3	0.25	0.75		This was a guess on pricing
3M VHB Adhesive	Laser cut from 12"x12" sheets	1	3	2.11	6.33 Digikey	https://www.digikey.com/product-detail/en/12X12-6-4941/3M9810-ND/2849355?utm_medium=email&utm_source=oce&utm_campaign=3073_OCE20RT&utm_content=productdetail_US&utm_cid=1231472&so=63704291&mkt_tok=eyJpIjoiWxpFeilqVTRaaklST1dSaalsinQjUjVXJGVko1YTBCSjWobVZlYmUzZvUSIQMTorWkhudWR	We have some in stock. Need to count before re ordering
Other							
Packing Box		0.25	1	3	0.75 Home Depot		XL size box

