

Bill of Materials  
Clean Dream Team

Portable Hood

Part #	Part Name	Qty	Description	Functions	Material	Dimensions	Cost	Total Cost	Link to Cost estimate	Items Aquired
1	Aluminum Frame	6	Hood Frame DONATED -98C	Supports Fan	Aluminum	1"X 1/8" thick - 5 - 6'	\$-	\$-	Machine Shop -98C	X
2	Welding Aluminum Frame	1	Welding of the aluminum frame		Aluminum	1"X 1/8" thick - 5 - 6' length and 1 - 7'	\$300	\$300		
3	Polycarbonate	1	For 3 sheets Material For Hood	Creates convering for hood	Polycarbonate	48"x48"x1/4"	\$530.00	\$530.00	<a href="https://www.eplastics.com/sheets/polycarbonate/clear?page=2">https://www.eplastics.com/sheets/polycarbonate/clear?page=2</a>	X
4	Cut Polycarbonate	1	Cut the polycarbonate	Is the inner shell of the hood	Polycarbonate	48"x48"x1/4"	\$240.00	\$240.00	Machine Shop -98C	X
5	Epoxy	5	seals the polycarbonate	creates a seal for no air to escape	Plastic	n/a	\$6.75	\$33.73	Home Depot	X
6	Rubber lining	1	cushions FFU to frame	to prevent air leakage between frame and FFU	Rubber	19/32" X 10'	\$16.74	\$16.74	Home Depot	X
7	Magnets	1	Holds door	Keeps door open for ease of adjustments within h	Neodymium	1/2 diam.	\$4.76	\$4.76	Home Depot	X
8	Machine Screws	1	tightens hinges	secures the hinges	Zinc plated	32x1/2	\$3.54	\$3.54	Home Depot	X
9	Ardrino	1	Test Pressure within Unit	To test Pressure within unit	N/A		\$56.89	\$56.89		
10	Power Cord	1	Power the FFUs - 3 wire power tool replacement cord	Power the FFU	N/A		\$12.97	\$12.97	Home Depot	
11	Interior L Brackets	4	Stainless Steel Brackets to support the polycarbonate	support	Stainless steel		\$13.08	\$52.32		
12	Nuts	1	fasten the brackets to polycarbonate	support	Stainless steel		\$4.24	\$4.24		
13	Handle	1	assist in opening door		steel		\$4.88	\$4.88		
14	Hook	1	prop door up		steel		\$-	\$-		
15	Screws	100	fasten the brackets to polycarbonate	support	stainless steel		\$5.60	\$5.60		
16	Rubber pads	1	Placed at bottom of frame to stabalize	reduce slip and scratches	rubber		\$5.93	\$5.93		
17	Hinges	1	hinges for hood	allows the hood door to open	Zinc plated	2-1/2'	\$1.97	\$1.97	Home Depot	X
Total Cost Estimate:								\$1,273.56		

Portable Room

Part #	Part Name	Qty	Description	Functions	Material	Dimensions	Cost	Total Cost	Link to Cost estimate	Items Aquired
18	Steel Frame and cutting	120	Steel - 110' - 1.5"x1.5"x1/8"	Framing for the protable room	steel	1.5"x1.5"x1/8"	\$435.78	\$435.78	Mayorga's Welding - in Flagstaff	
19	White Powder Coat	120	Powder coat the steel frame	Protect the steel and to reduce particals released by the steel	Powder coat		\$823.23	\$823.23	Mountain Shine - in Flagstaff	
20	Rubber Hammer	1	Assist in assembling the room		Rubber		\$8.68	\$8.68		
21	Power Cord	1	Power the FFUs - 3 wire power tool replacement cord	Power the FFU	N/A		\$12.97	\$12.97	Home Depot	
Total Cost Estimate:								\$1,280.66		
Overall Total Estimate:								\$2,554.22		
Total Budget:								\$2,000.00		
Remaining Budget:								(\$554.22)		

Not Purchased

\$435.78