

## Peltier Chiller Module Build Final Expenditures Report

Item	Supplier	Quantity	Cost (Per Part)	Shipping	Total	Estimated Cost New (Per Part)	Estimated Cost Total	Cost Savings Total
10 PCS TEC1-12708 Thermoelectric Peltier Cooler	eBay	1	\$ 25.60	\$ 7.69	\$ 33.29	\$ 25.60	\$ 33.29	\$ -
Arctic Silver 5 3.5G Thermal Paste	eBay	5	\$ 4.49	\$ 1.99	\$ 24.44	\$ 4.49	\$ 24.44	\$ -
Solid Copper Heatsinks (Dynatron 1u Low Profile Copper Heatsink Equivalent)	Free - Scavenged	4	\$ -	\$ -	\$ -	\$ 12.00	\$ 48.00	\$ 48.00
9.5" x 6.125" x 0.0625" Copper Baseplate	Free - Scavenged	1	\$ -	\$ -	\$ -	\$ 30.26	\$ 30.26	\$ 30.26
7.25" x 0.5" x 0.125" Brass Bar	Free - Scavenged	1	\$ -	\$ -	\$ -	\$ 1.60	\$ 1.60	\$ 1.60
12" x 0.5" x 0.125" Aluminum Bar - 8 Pack	eBay	1	\$ 9.99	\$ -	\$ 9.99	\$ 9.99	\$ 9.99	\$ -
1" Nylon Square Bar x 12" Length	US Plastics Corp	1	\$ 12.52	\$ 12.67	\$ 25.19	\$ 12.52	\$ 25.19	\$ -
1/4" MNPT to 3/8" Hose Nylon Fitting	US Plastics Corp	2	\$ 0.40	\$ -	\$ 0.80	\$ 0.40	\$ 0.80	\$ -
JB Weld	Home Depot	3	\$ 5.67	\$ -	\$ 17.01	\$ 5.67	\$ 17.01	\$ -
40mm x 200mm Water Cooling Heatsink Block	eBay	4	\$ 11.19	\$ -	\$ 44.76	\$ 11.19	\$ 44.76	\$ -
2' x 4' x 0.5" MDF	Home Depot	1	\$ 11.95	\$ -	\$ 11.95	\$ 11.95	\$ 11.95	\$ -
2' x 2' x 1" Formular XPS Foam	Home Depot	1	\$ 5.98	\$ -	\$ 5.98	\$ 5.98	\$ 5.98	\$ -
1/4"-20 x 5" Bolts - 25 Pack	Home Depot	1	\$ 8.23	\$ -	\$ 8.23	\$ 8.23	\$ 8.23	\$ -
1/4"-20 Nuts - 100 Pack	Home Depot	1	\$ 5.98	\$ -	\$ 5.98	\$ 5.98	\$ 5.98	\$ -
1/4" Washers - 100 Pack	Home Depot	1	\$ 4.55	\$ -	\$ 4.55	\$ 4.55	\$ 4.55	\$ -
<b>TOTAL EXPENDITURES</b>			<b>\$ 192.17</b>					
<b>PROJECTED COST SAVINGS</b>			<b>\$ 79.86</b>					