

Assembly Name	Thermal Energy Storage		Bill of Materials	
Assembly Number	1			
Date of Approval	N/A			
Total Cost	0			
Vendor Name	Item	Size	Qty	Total Cost
Sigma-Aldrich	Magnesium Chloride Hexahydrate	500g	1	\$ 104.64
Sigma-Aldrich	Calcium Chloride Hexahydrate	1kg	1	\$ 58.36
Home Depot	Platium Univ Antifreeze Plus Coolant	1gal	1	\$ 61.10
Home Depot	QuQuyí Copper Tube	1/8"	1	\$ 15.05
Amazon	NOM C Copper Cap	1/8"	16	\$ 45.15
Zoro	Charlotte Pipe ABS DWC Cap	4"	32	\$ 41.80
Home Depot	ABS Cell Core Pipe	4" x 10'	2	\$ 45.77
Home Depot	Type M Copper Tube	1/2" x 2'	1	\$ 7.23
Home Depot	White PEX-A Pipe	1" x 10'	1	\$ 15.45
Home Depot	Heavy Duty Fitting Brush	1"	1	\$ 4.27
Home Depot	Clearweld Epoxy Syringe	25ml	1	\$ 7.78
Home Depot	Push PEX Pipe Cutter	1/2" - 1"	1	\$ 9.98
Home Depot	DWV Knock Out Test Cap	2'	4	\$ 2.36
Home Depot	Barb MTP Adapter Brass	1/2' x 1/2'	1	\$ 6.57
Home Depot	MIP x FIP Pipe Bushing Brass	1/2' x 3/8'	1	\$ 5.57
Amazon	CGELE K-Type Thermocouple NPT	-	2	\$ 26.18
Home Depot	MIP x FIP Pipe Bushing Brass	1/2' x 1/4'	1	\$ 5.57
Home Depot	FIP Red Brass Tee	1/2' x 1/2' x 1/2'	2	\$ 19.14
Home Depot	Pipe Tape	1/2' x 260'	1	\$ 0.98
Home Depot	Cap for CI, ST, PL CU	2'	1	\$ 4.36
Home Depot	Cop Cap C	1/2"	6	\$ 6.30
Home Depot	Type L Copper	1/2" x 2'	3	\$ 29.28
Home Depot	ABS Pipe	2' x 2'	1	\$ 8.97
Home Depot	ABS Cap Hub	2'	1	\$ 10.84
Home Depot	LD Single Robe Hook MB 5pk	-	1	\$ 9.47
Home Depot	Black Drywall Hook	15lbs/3.3ft	1	\$ 11.98
Home Depot	Mach Screw Zinc Comb Rnd	1/2"	1	\$ 1.68
Home Depot	MIP x FIP Bushing Brass	3/8" x 1/4"	2	\$ 10.96
Home Depot	MIP x FIP Bushing Brass	1/2" x 3/8"	2	\$ 11.14
Home Depot	J-B Weld PlasticBonder	-	2	\$ 17.36
			Total	\$ 605.29