

Final Budget

Selected item	Qty.	Cost
Ozark Trail 10-qt cooler	1	\$11.23
240 L/hr pumps	2	\$12.68
6-can carrier	1	\$0.89
1/8-in acrylic divider	1	\$17.58
5/16-in ID tubing	1	\$5.02
8-mm bulkhead fittings	2	\$4.00
Hook-and-loop straps	1 pack	\$5.00
#8 x 3/4-in screws	1 pack	\$1.28
Clear silicone sealant	1	\$6.34
Plastic-bonding adhesive	1	\$4.98
12-V battery package	1	\$19.99
Hardware subtotal		\$88.99
15% contingency		\$13.35
Final design budget		\$102.34

Ice, water, and salt are treated as operating consumables rather than permanent hardware.

Selling Price Point

The proposed selling price is \$149.99. The final one-device design budget is approximately \$102.34 after the 15% contingency. This budget is based mostly on one-off retail component prices, so larger-scale production could reduce the cost of several components through bulk purchasing. The difference between the selling price and final design budget is approximately \$47.65, but this should not be considered final profit because labor, packaging, shipping, warranty, retailer margin, and other manufacturing costs are not included.