



Cost Analysis for CW4TW

Reduction in Shipping Cost due to Weight Reduction of Enclosure Design

Clean Water for the World Cost Analysis	Current Enclosure	Redesigned Enclosure
Cost to fabricate / purchase (USD)	\$35.74	\$40.97
Increase in price/ cost of enclosure for redesign (USD)		\$5.23
Loaded Weight (lbs)	\$35.00	\$26.00
Estimated Shipping Costs* (USD)	\$332.00	\$295.00
Reduction in shipping costs for redesign (USD)		\$37.00
Net Savings for Enclosure Redesign (USD)		\$31.77

*Shipping costs estimated using FedEx, shipping the device from Clean Water for the World in Kalamazoo, MI, to Port Au Prince, Haiti. The shipping costs factored in the device weight and size.