



Tank Type Water Heater Operating Cost Comparison

Find the energy cost that is closest to your actual cost for each fuel type.
Remember these estimates are based upon 64 gallons of hot water per day.

Electric Tank Type		Propane Tank Type		Oil Tank Type		Toyotomi BS36UFF	
BTU Units	4388	BTU Units	165	BTU Units	108	BTU Units	145
EF	0.90	EF	0.55	EF	0.6	EF	NA
\$ per kWh	Annual	\$ per gal.	Annual	\$ per gal.	Annual	\$ per gal.	Annual
\$0.040	\$195	\$0.50	\$150	\$0.50	\$90	\$0.50	\$73
\$0.050	\$244	\$0.60	\$180	\$0.60	\$108	\$0.60	\$87
\$0.060	\$293	\$0.70	\$210	\$0.70	\$126	\$0.70	\$102
\$0.070	\$341	\$0.80	\$240	\$0.80	\$144	\$0.80	\$116
\$0.080	\$390	\$0.90	\$270	\$0.90	\$162	\$0.90	\$131
\$0.090	\$439	\$1.00	\$300	\$1.00	\$180	\$1.00	\$145
\$0.100	\$488	\$1.10	\$330	\$1.10	\$198	\$1.10	\$160
\$0.110	\$536	\$1.20	\$360	\$1.20	\$216	\$1.20	\$174
\$0.120	\$585	\$1.30	\$390	\$1.30	\$234	\$1.30	\$189
\$0.130	\$634	\$1.40	\$420	\$1.40	\$252	\$1.40	\$203
\$0.140	\$683	\$1.50	\$450	\$1.50	\$270	\$1.50	\$218
\$0.150	\$731	\$1.60	\$480	\$1.60	\$288	\$1.60	\$232
\$0.160	\$780	\$1.70	\$510	\$1.70	\$306	\$1.70	\$247
\$0.170	\$829	\$1.80	\$540	\$1.80	\$324	\$1.80	\$261
\$0.180	\$878	\$1.90	\$570	\$1.90	\$342	\$1.90	\$276
\$0.190	\$926	\$2.00	\$600	\$2.00	\$360	\$2.00	\$290
\$0.200	\$975	\$2.10	\$630	\$2.10	\$378	\$2.10	\$305
\$0.250	\$1,219	\$2.20	\$660	\$2.20	\$396	\$2.20	\$319
\$0.300	\$1,463	\$2.30	\$690	\$2.30	\$414	\$2.30	\$334
\$0.350	\$1,706	\$2.40	\$720	\$2.40	\$432	\$2.40	\$348
\$0.400	\$1,950	\$2.50	\$750	\$2.50	\$450	\$2.50	\$363

Standby Loss = Yes	Standby Loss = Yes	Standby Loss = Yes	Standby Loss = No
Pilot Light = No	Pilot Light = Yes	Pilot Light = No	Pilot Light = No

Assumes 80 degree temperature rise. 64 gallons of hot water used per day.
Calculations derived from April 1997 GAMA Consumer's Directory of Certified Efficiency Ratings.