



Instant Hot Water Dispensers

Saves TIME - Good for you • **Saves MONEY** - Good for the wallet • **Saves WATER** - Good for the environment

The instant hot water dispenser has become a favorite among homeowners because it not only speeds up the preparation of meals and hot beverages, but its low energy consumption also saves money. Instant hot water dispensers also save water because you never have to wait for the water to "heat up."

- 2/3-gallon stainless steel tank is insulated for excellent heat retention
- Water is heated only when needed by a 750-watt element
- Adjustable thermostat maintains a near-boiling water temperature

ENERGY USAGE ANALYSIS

Energy Cost Comparison

Studies have shown that using an instant hot water dispenser to provide near-boiling water can save up to 80% of the energy normally required to heat water to 200°F.

The Average Cost for Electricity:



U.S. = \$0.0986 per kilowatt hour



Canada = \$0.0838* per kilowatt hour

Cost of Heating Water

Cost of heating water for the instant hot water dispenser has two factors:

STANDBY COST

Electricity used to maintain instant, near boiling water in tank

DISPENSING COST

Electricity used when water is used

Instant Hot Water Dispenser Energy Use:

STANDBY COST

0.605 kilowatt hours per day (42 minutes of on-time use/day)

DISPENSING COST

0.021 kilowatt hours per 8 oz. cup of hot water

AVERAGE DAILY USE

10-8 oz. cups

Daily Energy Costs

To figure the daily cost for using an instant hot water dispenser, multiply the kilowatts of electricity used per day by cost of electricity per kilowatt hour.



U.S. Daily Energy Cost:

STANDBY COST

0.605 kWh x \$0.0986 = 6.0¢ per day

DISPENSING COST

0.021 kWh x 10 cups x \$0.0986 = 2.1¢ per day

TOTAL DAILY COST

(standby + dispensing costs) = **8.1¢ per day**



Canada Daily Energy Cost:

STANDBY COST

0.605 kWh x \$0.0838 = 5.1¢ per day*

DISPENSING COST

0.021 kWh x 10 cups x \$0.0838 = 1.8¢ per day*

TOTAL DAILY COST

(standby + dispensing costs) = **6.9¢ per day***

* Canadian Dollars



By Comparison

A standard 40-watt light bulb left illuminated 24 hours would consume on average 0.96 kWh of electricity, at a total daily cost of 9.5¢ per day (U.S.), 17% higher than the cost of operating an instant hot water dispenser. And that's just one light!



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