

2.1.17 Operating Characteristics of Natural Gas Appliances in the Residential Sector

	<u>Average Capacity (thousand Btu/hr)</u>	<u>Appliance Usage</u>	<u>Annual Consumption (million Btu/year)</u>	<u>Annual Cost (\$)⁽¹⁾</u>
Range	10		4	48
Clothes Dryer		359 (2)	4	49
Water Heating				
Water Heater-Family of 4	40	64 (3)	26	294
Water Heater-Family of 2	40	32 (3)	12	140

Note(s): 1) \$1.139/therm. 2) Cycles/year. 3) Gallons/day.

Source(s): A.D. Little, EIA-Technology Forecast Updates - Residential and Commercial Building Technologies - Reference Case, Sept. 2, 1998, p. 30 for range and clothes dryer; LBNL, Energy Data Sourcebook for the U.S. Residential Sector, LBNL-40297, Sept. 1997, p. 62-67 for water heating; GAMA, Consumers' Directory of Certified Efficiency Ratings for Heating and Water Heating Equipment, Apr. 2002, for water heater capacity; and American Gas Association, Gas Facts 1998, December 1999, www.aga.org for range and clothes dryer consumption.