

7.5.3 Efficiency Standards for Residential Water Heaters (1)**Effective for products manufactured from January 20, 2004 through April 15, 2015**Gas-Fired Storage Water Heaters

EF = 0.67 - (0.0019 x Rated Storage Volume in gallons)

Oil-Fired Water Heaters

EF = 0.59 - (0.0019 x Rated Storage Volume in gallons)

Instantaneous Gas-Fired Water Heaters

EF = 0.62 - (0.0019 x Rated Storage Volume in gallons)

Instantaneous Electric and Table Top Water Heaters

EF = 0.93 - (0.00132 x Rated Storage Volume in gallons)

Electric Storage Water Heaters

EF = 0.97 - (0.00132 x Rated Storage Volume in gallons)

Effective for products manufactured on or after April 16, 2015Gas-Fired Storage Water Heaters

Rated Storage Volume ≤ 55 gallons

EF = 0.675 - (0.0015 x Rated Storage Volume in gallons)

Rated Storage Volume > 55 gallons

EF = 0.8012 - (0.00078 x Rated Storage Volume in gallons)

Electric Storage Water Heaters

Rated Storage Volume ≤ 55 gallons

EF = 0.960 - (0.0003 x Rated Storage Volume in gallons)

Rated Storage Volume > 55 gallons

EF = 2.057 - (0.00113 x Rated Storage Volume in gallons)

Instantaneous Water Heaters

Gas-Fired

EF = 0.82 - (0.0019 x Rated Storage Volume in gallons)

Electric

EF = 0.93 - (0.00132 x Rated Storage Volume in gallons)

Oil-Fired Storage Water Heaters

EF = 0.68 - (0.0019 x Rated Storage Volume in gallons)

Table Top Water Heaters

EF = 0.93 - (0.00132 x Rated Storage Volume in gallons)

Note(s): 1) EF stands for "Energy Factor," while the Rated Storage Volume is a measure of capacity specified by the manufacturer.

Source(s)

Title 10, Code of Federal Regulations, Part 430 - Energy Conservation Program for Consumer Products, Subpart C - Energy and Water Conservation Standards and Their Effective Dates. January 1, 2010; Energy Conservation standards for Residential Water Heaters, Direct Heating Equipment, and Pool Heaters: Final Rule, Federal Register, 75 FR 20112, April 16, 2010.