

First Hour Rating

Definition: First Hour Rating (FHR) is the amount of hot water in gallons the water heater can supply per hour, starting with a tank full of hot water.

This is dependent upon the tank capacity, source of heat (burner or element), and the size of the burner or element.

www.eere.energy.gov/consumer/your_home/water_heating/index.cfm/mytopic=12990

The AirTap has an FHR of 43 gallons per hour (gph) on a 46 gallon tank. The following are estimates of FHR for larger gallon tanks. (*Note, these have not been verified by a third party, as the 43 gph on a 46 gal tank has been.*)

Tank Size (Gallons)	FHR (Gallons)
46	43
50	46
55	48
60	51
65	54
70	56
75	59
80	62
85	65