

Table 506
Minimum Capacities for Water Heaters 1

Fuel	Gas	Elect.	Oil	Gas	Elect.	Oil	Gas	Elect.	Oil	Gas	Elect.	Oil	
Number of Bedrooms	1			2			3			-----			
1 to 1-1/2 Baths	Storage (gal)	20	20	30	30	30	30	40	30	----	----	----	
	Input	27	2.5	70	36	3.5	70	36	4.5	70	----	----	
	Draw (gph)	43	30	89	60	44	89	60	58	89	----	----	
	Recovery (gph)	23	10	59	30	14	59	30	18	59	----	----	
Number of Bedrooms	2			3			4			5			
2 to 2-1/2 Baths	Storage (gal)	30	40	30	40	50	30	40	50	50	50	66	30
	Input	36	4.5	70	36	5.5	70	38	5.5	70	47	5.5	70
	Draw (gph)	60	58	89	70	72	89	72	72	89	90	88	89
	Recovery (gph)	30	18	59	30	22	59	32	22	59	40	22	59
Number of Bedrooms	3			4			5			6			
3 to 3-1/2 Baths	Storage (gal)	40	50	30	50	66	30	50	66	30	50	80	40
	Input	38	5.5	70	38	5.5	70	47	5.5	70	50	5.5	70
	Draw (gph)	72	72	89	82	88	89	90	88	89	92	102	99
	Recovery (gph)	32	22	59	32	22	59	40	22	59	42	22	59

1 gal=3.7854 L

1 ghp=1.05 mL/s

NOTE:

- Storage capacity, input and recovery requirements indicated in the table are typical and may vary with each individual manufacturer. Any combination of these requirements to produce the 1-hour draw stated shall be satisfactory. Recovery based on 100 degrees F (37.8C) water temperature rise. The input rating in units of one thousand Btu's per hour for gas and oil, and one thousand watts per hour for electric. EXAMPLE: for a 3-bedroom, 2 bath residence there are three choices as follows: A 40 gallon storage/30 gph recovery gas heater; a 50 gal storage/22 gph recovery electric heater; or a 30 gal storage/59 gph recovery oil heater; or an equivalent combination which will produce at least a 70 gph total draw.

(Effective January 1, 2001)