


How to Check Your Toilet's Flush Volume

Flush volume refers to how much water is released when a toilet is flushed. Since January 1994 all toilets sold in the U.S. must use 1.6 gallons per flush (gpf) or less. More recently, high-efficiency toilets (HETs) with a flush volume of 1.28 gpf or less have been available. Older toilets use up to seven gallons per flush! There are several ways to find the flush volume of a tank-style toilet:


 The manufacturer's name and a "gpf" label often appear right behind the seat hinge on the bowl. If you don't see a gpf label, lift the tank lid and check the inside back of the toilet tank for the manufacturer's date stamp—it is usually stamped directly into the porcelain. The chart at right will help you determine your toilet's flush volume.

Year Toilet Was Manufactured

Gallons Per Flush

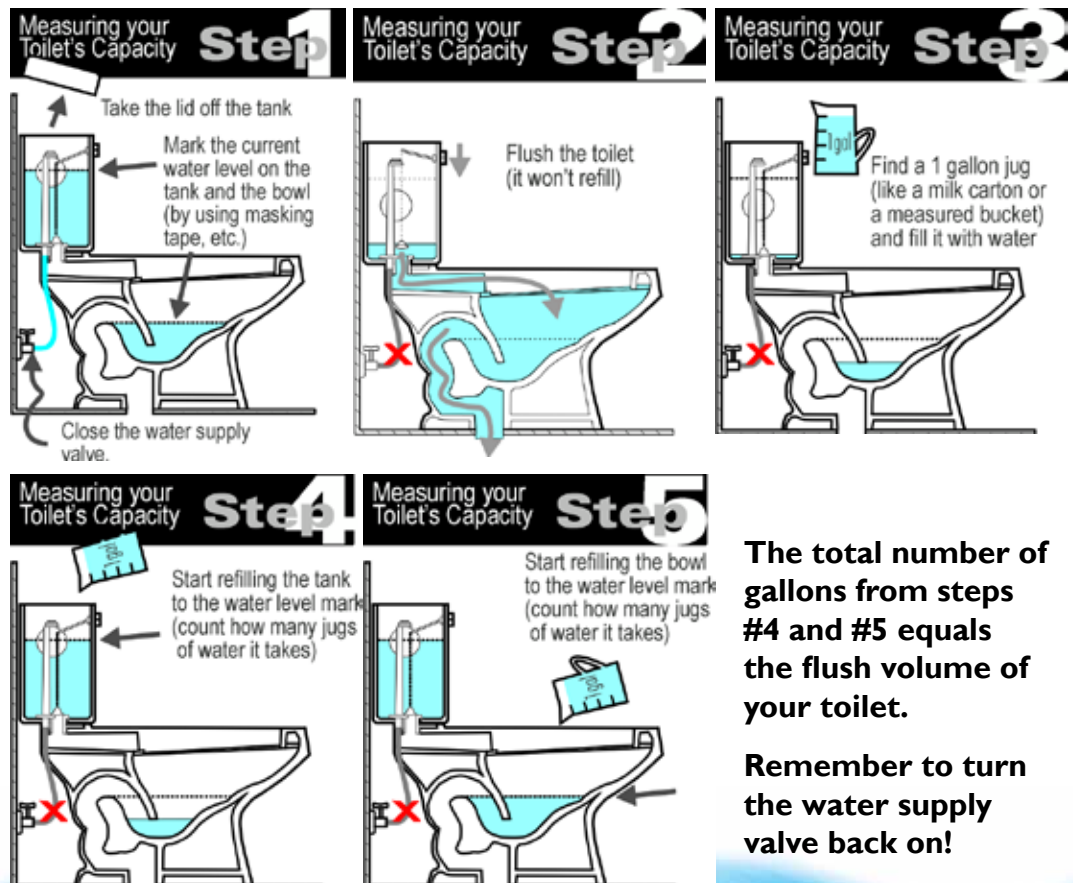
pre-1982	5-7
1982-1990	3.5
1990-1994	1.6-3.5
1994-present	1.6
~2005-present	1.28 HET (see note)

Special Note for HETs: HETs have been available on a limited basis in the U.S. since 1999, but have only been commonly available since about 2005. Some manufacturers of dual-flush HETs use the same 1.6 gpf bowl for their HETs as for their standard toilets. Thus the bowl stamp may show 1.6 gpf even though the toilet is an HET.

 If you can't find a date on your toilet, or if the date is between 1990 and 1994 (when both 3.5 gpf and 1.6 gpf toilets were sold), you can measure the water used during a flush. **Note:** To use the following method you first need to shut off the water supply valve at the wall behind the toilet. If the valve is stiff

and can't be turned off, try holding the float mechanism in the tank in the "up" position with a string or rubber band to keep the toilet from refilling while you are performing the following steps.

Special Note: If your toilet tank has a large black cylinder inside, rather than the standard flush mechanism, your toilet's maximum flush volume is 1.6 gpf or less. The flush volume is usually printed on the cylinder.



Measuring your Toilet's Capacity Step 1
Take the lid off the tank
Mark the current water level on the tank and the bowl (by using masking tape, etc.)
Close the water supply valve.

Measuring your Toilet's Capacity Step 2
Flush the toilet (it won't refill)

Measuring your Toilet's Capacity Step 3
Find a 1 gallon jug (like a milk carton or a measured bucket) and fill it with water

Measuring your Toilet's Capacity Step 4
Start refilling the tank to the water level mark (count how many jugs of water it takes)

Measuring your Toilet's Capacity Step 5
Start refilling the bowl to the water level mark (count how many jugs of water it takes)

The total number of gallons from steps #4 and #5 equals the flush volume of your toilet.

Remember to turn the water supply valve back on!