

H2O SUPPLY INC.

PLUMBING WHOLESALE

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WATER SAVING TIPS

TOILETS

When replacing a older 3.5 gallon per flush toilet with the new 1.6 gallon per flush toilet; a single family household with 3 people have an average usage of:

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|--|-----------------|
| 1. Annual usage of water with a 3.5 gpf toilet | 19,000 gallons. |
| 2. Annual projected usage of water with a 1.6 gpf toilet | 8,750 gallons. |
| 3. Annual projected saving of water | 10,250 gallons. |

The cost of water per 1000 gallons is approximatley \$4.00, which is an annual savings of \$41.00.

If the cost of a one new toilet is \$100 and you can save \$41.00 in water per year, you can breakeven in only 2 1/2 years just in the savings of the cost of water. Ever year after, is net savings on your monthly water bill. So if you kept the toilet for ten years you could gain approximately \$310.00 in savings.

WATER HEATERS

As many home owners have found out, hard water will destroy both heaters and boilers; thereby needlessly increasing heating energy costs. Raw water hardness causes scale that acts as an insulator and therefore interferes with heat transfer. Even small amounts of hardness reduce the intensity of the heat transfer, causing the water heater to stay on longer, according to tests condusted by the U.S. Bureau of Standards, as little as 1/8 inch of lime & scale in a heater adds 20 percent to the fuel costs.

<u>Thickness of Scale in Inches</u>	<u>Additional Cost for energy</u>
1/64"	4%
1/32"	7%
1/8"	20%
1/4"	28%
1/2"	60%
3/4"	90%

DRIPPING HOT WATER

1/32" drip of hot water from a faucet looses 25 gallons of hot water per day and 1/16" drip will waste over 100 gallons per day.

SHOWER HEADS

Old types of shower heads use about 5 to 12 gallons per minute of water. The new reduce flow heads conserve hot water usage and cost of operating. A fixture that dispenses 3 gpm @ 50 psi will increase to 4 gpm @ 80 psi. Therefore, reduce your water pressure and/or replace the the shower head with a new one that only uses 3 to 5 gpm and you will scretch the available hot water to be used.

H2O TIPS THAT WILL SAVE YOU MONEY