

Simply Leak Detection

A dripping leak can easily consume:

15 gal. per day
450 gal. per month



A 1/32 in. leak consumes:

264 gal. per day
7,920 gal. per month



A 1/16 in. leak consumes:

943 gal. per day

28,300 gal. per month / At 60psi, a 1/16" hole leaks 74,000 gallons (9,850 cubic feet) in 3 months



A 1/8 in. leak consumes:

3,806 gal. per day

114,200 gal. per month / At 60psi, a 1/8" hole leaks 296,000 gallons (39,400 cubic feet) in 3 months



A 1/4 in. leak consumes:
15,226 gal. per day
456,800 gal. per month / At 60 psi, a 1/4" hole leaks 1,181,500 gallons (158,000cf)
in 3 months



A 1/2 in. leak consumes:
60,900 gal. per day
1,827,000 gal. per month



Common water Loss examples:

Leaking Toilet @1/2 GPM = 21,600 Gal/month

Drip Irrigation @1 GPM = 43,200 Gal/month

Watering Garden for 2 hours @ 5 GPM = 18,000 Gal/month

Watering Garden for 2 hours @ 10 GPM = 36,000 Gal/month

Unattended Water Hose 1 night @10 GPM = 5,400 Gal/month

Broken Services Line 1 night @15 GPM = 8,100 Gal

1 day @15 GPM = 21,600 Gal

1 week @15 GPM = 151,200 Gal

1 month @ 15 GPM = 648,000 Gal

Stuck Ice Maker @ 2 GPM = 86,400 Gal/month

Stuck Check Valve in Washing Machine – 30 minutes = 240 Gal

Stuck Float Valve in Watering Trough @ 5GPM = 216,000 Gal/month