

Leak Calculator

Leak	Leak Diameter @ 60 PSI line pressure	Gallons Per Minute (GPM)	Gallons Per Day (GPD)	Gallons Per Quarter (GPQ)	Gallons Per Year (GPY)	Leak @ \$0.00535/gallon per year
1/16" hole	•	0.5710	822	74,000	300,111	\$ 1,605.59
1/8" hole	•	2.2840	3,289	296,000	1,200,444	\$ 6,422.38
3/16" hole	•	5.1389	7,400	666,000	2,701,000	\$ 14,450.35
1/4" hole	•	9.1165	13,128	1,181,500	4,791,639	\$ 25,635.27
1/2" hole	•	42.2917	60,900	5,481,000	22,228,500	\$ 118,922.48
Dripping faucet		0.0104	15	1,350	5,475	\$ 29.29
Leaking toilet		0.5000	720	64,800	262,800	\$ 1,405.98
Drip Irrigation		10.0000	14,400	1,296,000	5,256,000	\$ 28,119.60
Watering garden for 2 hours @5GPM		0.4167	600	54,000	219,000	\$ 1,171.65
Watering garden for 2 hours @10GPM		0.8333	1,200	108,000	438,000	\$ 2,343.30
Unattended water hose 1 night @ 10 GPM		0.1250	180	16,200	65,700	\$ 351.50
Broken water service line @ 15 GPM		15.0000	21,600	1,944,000	7,884,000	\$ 42,179.40
Stuck ice maker		2.0772	2,991	269,200	1,091,756	\$ 5,840.89
Stuck check valve in washing machine		8.0000	11,520	1,036,800	4,204,800	\$ 22,495.68