

Sprinkler Usage Calculations

The average usage of water in a residential sprinkler system is between 12 – 30 gallons per minute depending on the type and size of the sprinkler head.

The example below is showing a sprinkler system with 8 zones and using 15 gallons a minute, running it for 30 minutes a day for 15 days out of the month (every other day). The example does not include water used inside the home for showers, dishwasher, laundry, etc.

15 gallons/minute
X 30 minutes/day
450 gallons

450 gallons
X 8 zones
3,600 gallons/day

3,600 gallons
X 15 days/month
54,000 gallons used per month

The example below shows a sprinkler system with 5 zones that uses 20 gallons per minute, running it 20 minutes a day for 15 days a month (every other day). The example does not include water used inside the home for showers, dishwasher, laundry, etc.

20 gallons/minute
X 20 minutes/day
400 gallons

400 gallons
X 5 zones
2,000 gallons/day

2,000 gallons
X 15 days/month
30,000 gallons used per month