

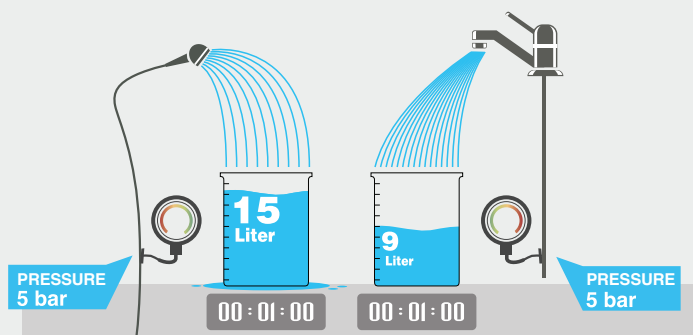
Savings and Measurement

Illustrated Overview with Visuals and Formulas

1 Flow Measurement – Before

To measure your water flow rate (liters/minute) **before** installing water-saving products:

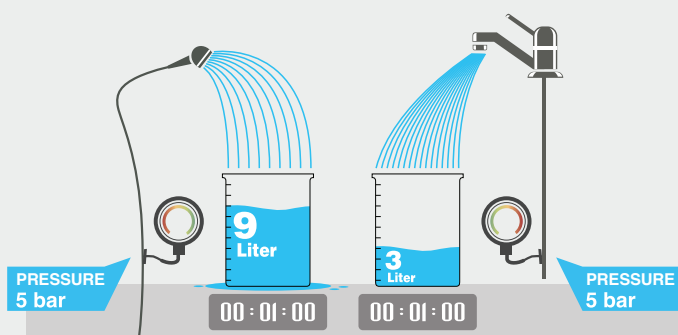
- Place a marked container under your faucet/shower.
- Begin timing and turn on the water to full flow.
- After 60 seconds, turn off the water and record the volume.
- Do this for both your faucet and shower.



2 Flow Measurement – After

To measure water savings, calculate the flow rate (liters/minute) **after installing** water-saving products.

- Replace the faucet aerator with a water-saving one.
- Place a marked container under the faucet.
- After 60 seconds, turn off the water and record the volume.
- Repeat steps 1-3 for the shower with a flow regulator.



3 Comparison (Evaluation of Savings Rate)

Comparison of flows measured in equal time periods (e.g., amount of water flow in one minute).

Calculation of the product's savings rate:

Formula:

$$\left(\frac{\text{Previous Consumption} - \text{Consumption After Savings}}{\text{Previous Consumption}} \right) \times 100 = \text{Savings Rate}$$

Example:

$$\left(\frac{15 \text{ L} - 9 \text{ L}}{15 \text{ L}} \right) \times 100 = \% 75.33 \text{ Savings}$$

Evaluate whether the speed and fullness of the water stream are satisfactory to the user, despite the decrease in water quantity.

Note: You can request our free flow rate measuring bags for faster measurements.

4 Payback Period (Investment Return Period)

To calculate daily savings:

Daily Savings = Previous Consumption - Subsequent Consumption

To calculate daily monetary savings:

Daily Monetary Savings = Daily Savings x m³ Water Price

To calculate payback period:

$$\text{Payback Period} = \frac{\text{Total Investment Cost}}{\text{Daily Monetary Savings}}$$