

The Shower Manager

Some Basic Facts

Size:

Diameter: 4.5 inches

Depth: 2.8 inches

Weight: 1 lb.

Color: off white

Case: Injection mold ABS

Internal Components:

Electric motor, gear set

Circuit board – functions and control

Magnetic sensor

Internal hydraulic sensor

9 volt battery

Channel, by-pass channel



Placement: Threaded. Fits between the shower neck water service feed and the shower head.

What it Does: Unit serves as a water flow control and shower timer device with 3 settings: 5 minutes, 8 minutes and 11 minutes. During these settings a full or normal flow of water is provided for the time frame selected. Once this time frame has expired, the unit cuts the water flow by 2/3 or just enough to finish rinsing off. The unit will remain in this low-flow or conservation mode until the water is turned off. Once the water is turned off, a 5-minute reset time interval prevents full-flow showering as the unit remains in low-flow to prevent the shower taker from overriding the system. When this 5-minute interval expires, the unit will allow a full-flow of water.

A magnetic sensor sets the time intervals and locks them in. A beeper alerts the bather 60-seconds before unit advances to low-flow or conservation mode.

What it Does Not Do: The unit does not serve as a shutoff for the shower water service nor does it alter the mixture of hot/cold water. No household electrical connection is needed. The unit is fully battery and water operated.

Cost/Savings Ratio: Assuming a family of 4 lives in a major metropolitan area, the average annual savings in water and energy is \$418.00 (gas heated) and \$776.00 (electric heated) by cutting shower times by 10 minutes. The suggested retail cost of the unit is \$114.95. Visit the cost savings calculator: www.ShowerManager.com/savings to determine your savings.

Manufacturer: Peak Engineering and Automation Co.
599 West 71st Street
Loveland, CO 80538
Project Engineer: Allen Schultz

Applications: Residential, residence rooms, hotels, and commercial showers. Parents with teenagers.

Retail Availability: Internet only: www.ShowerManager.com
303-695-5540

Suggested Retail Price: \$139 US Dollars

Intellectual Property Rights: U.S. Patent 6,016,836; 6,899,133, Patent Pending

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