

shower controller

Aquaflow Distributors

This **shower timer** is an electronic device for time management of the showering process, thus reducing peak hour queuing and SAVING WATER and gas or electricity and money.

- The shower is terminated after a pre-determined time and that is followed by a mandatory waiting period when the shower will not operate.
- The shower (0-12 mins) and waiting (0 – 2 mins) times are pre programmed by the owner and can't be changed by the user.
- The unit is contained in a strong box located at the shower outlet.
- There is a visual display which counts down the minutes and seconds remaining.
- The visual display is supported by an audible beeper.
- Extra low voltage power is supplied by a safety approved source.

Installation Can be installed in existing shower. We recommend the services of an electrician but it is not essential to interfere with electrical wiring or plumbing.

Progress monitoring Visual progress monitoring is provided by an LED display of the remaining time in minutes and seconds. This is supported by audible signals from an electronic buzzer. The audible signals indicate increasing urgency until the timer ultimately shuts off the water supply to the shower. The waiting time period then commences and is reported by the visual display. The visual and audible signals are similar to that used in a microwave oven.

Programming Both shower time and waiting time are selected and set by the owner from a number of pre-programmed time options. Shower time can be selected in whole minutes up to 12 minutes and the Waiting time between showers can be chosen from 0, 15, 30, 60 or 120 seconds (5 minute waiting available soon). The settings cannot be changed except by first removing the power source. In the normal condition the owner can see the settings at a glance. The visual display indicates the two settings alternately for three seconds each. The Shower time setting is displayed as a steady glow and the Waiting time flashes.

Location The preferred location for the shower timer is inside the shower enclosure for visual and audible efficiency. Normally the solenoid valve is

Water Rating (WELS)	Water Consumption Not applicable
Energy Rating ★★★★★★	Energy Consumption 0.7 kWh/365 uses
Plumber to install No	Suitable for renters Yes



fitted to the shower outlet (between the hard plumbing and the shower arm) and is contained within the same box as the timer unit. In that case the visual display is approximately 100 mm below the shower outlet.

Power supply Each timer is supplied with a 12 Volt DC safety approved power supply which is usually installed above the ceiling, or in an adjoining room. It can be plugged in with the exhaust fan.

Operation Pressing the button momentarily begins the shower time sequence, confirmed by a beep from the buzzer. Hot and cold water taps are used as normally to control the temperature and water flow. The visual display indicates the remaining shower time in minutes. At each minute change, the buzzer beeps once. From 99 seconds, the display indicates remaining seconds. At each of 30, 20, 10, 5, 4, 3, 2 and 1 seconds remaining, the buzzer beeps once. The water is then cut off and the flashing visual display counts down the remaining Waiting time. Pressing the button at any time during the shower or Waiting sequence has no effect.

Shower cost The cost of one 12 minute shower can be as much as \$3 depending on the heating source, shower flow rate, ambient temperature, etc. The annual cost of 5 such showers per day is more than \$5,000. Install a shower timer set to 6 minutes and save half the annual cost. Combined with a water saving shower outlet, the potential annual saving is more than \$4,000 and over 430 Kilolitres of water. We recommend that you download the free Cost/savings Calculator from website www.showertimer.com.au and insert your own details, including the unit heating cost which is shown on your electricity or gas account.

Watermark approved
Complies with SAA IPX5
ACA Approval N12616
Patent number 785030

Product approvals

- ACA Approval number N12616
- Aust Patent number 785030

Certifications



Areas available

- Australia wide

Available from

- Local plumbing suppliers
- Online
- Phone us direct
- eBay

About Aquaflow Distributors

Aquaflow Distributors is the Australian company which developed, patented and markets the shower controller. The company was established in 1984 as a wholesale supplier to the plumbing trade.

The shower controller was launched on the market in 2003 with caravan parks and other semi-commercial customers in mind. The "commercial" shower timer has been saving water and heating cost for many such customers since that time. It is designed as an easy retrofit without the need to access and cut in to the hot and cold water pipes.

In 2008 the company developed the "domestic" showertimer, a cost effective version designed for use in the family home. It is easy to install without necessarily involving professional trades people. The shower timer settings cannot be changed by the user.

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