

Shower Timer Programming Instructions

- To enter programming mode, disconnect the power for 30 seconds. After the initial installation it may be necessary to remove power at the fuse box.
- Within 2 minutes of re-connecting power to the timer, press the Start button and hold for 10 seconds. The buzzer will sound 2 beeps and the display will flash "P1".
- Repeatedly press the button to cycle through the program options in accordance with the table shown on the right. When the desired shower setting is displayed, press and hold the button for approximately 3 seconds (holding for 10 secs will take you out of programming mode). To confirm your selection, the buzzer will beep when you release the button and the display will cease flashing.
- If you want to change the shower prevention time between showers, continue pressing the button to advance to the desired prevention time. Press and hold for approximately 3 seconds (buzzer will beep when you release the button).
- When in programming mode, the display will flash on all except the two currently selected options.
- Holding the button for 10 seconds will return the timer to Normal mode. Failure to press the button during any period of 30 seconds will also return the timer to Normal mode.

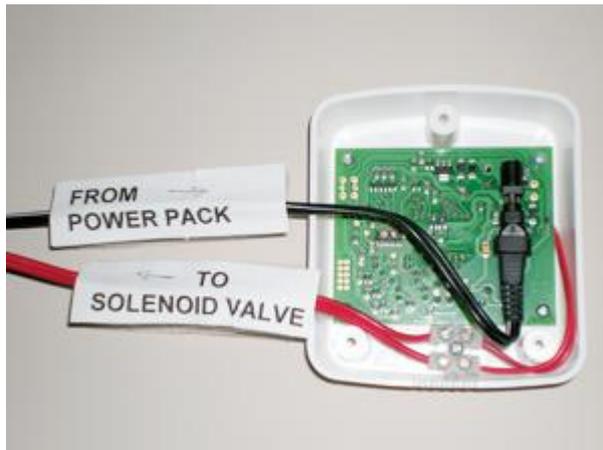
Note: *In a domestic situation the owner can choose to have the power supply manually switched on and off from within the bathroom. It could be associated with the exhaust fan (piggy back) and switched on and off with the fan. In this case, the timer operates normally while the power is on but turning the switch off and on again resets the timer to Normal mode – ready to go again immediately.*

Shower Timer Options

In the following table, the left hand column indicates the cycling sequence and the visual display. The other two columns interpret the display options into Shower time and Shower prevention time:

Display	Shower	Prevention
P1	1 min	
P2	2 mins	
P3	3 mins	
P4	4 mins	
P5	5 mins	
P6	6 mins	
P7	7 mins	
P8	8 mins	
P9	9 mins	
P10	10 mins	
P11	11 mins	
P12	12 mins	
00		No shower
L0		No waiting
15		15 seconds
30		30 seconds
L1		1 minute
L2		2 minutes
L5		5 minutes

Standard Installation



The controller is mounted anywhere near the shower at around eye level for visual and acoustic efficiency. The solenoid valve is cut in to the 'riser pipe' between the taps or mixer and the shower outlet. This requires the services of a plumber.

Economy Model

This product can be installed by a handyman. It is not necessary to interfere with electrical wiring or plumbing; therefore you do not need licensed tradesmen.

You may need to cut back the shower outlet pipe and you will need a power point in the ceiling or in an adjoining room. If there is an exhaust fan in the ceiling, it will usually plug in to a nearby power socket. A "piggy back" plug and a lead from this socket to within one metre from the shower will do the job (see the note with programming instructions). This arrangement requires the fan to be switched on in order to have a shower.

Should you choose to employ an electrician, he or she can do all that is required to complete the installation. You will not need two tradesmen.

Heavy Duty Model

Similar to Economy but the power should be permanently connected so you will need an electrician to provide a power point for each shower.

Step by Step Retrofit

- Remove the shower from the wall outlet.
- Screw on the solenoid valve and plug wire leads on to the valve.



- Plug in the power pack and run the low voltage lead to the shower timer, plug in to the electronic circuit board.



- Slip the box over the valve.



- Screw the shower on to the solenoid valve.

Detailed installation instructions come with every shower timer.

[PIN / Wireless Installation](#)



Solenoid Valves

All models operate on 12V DC, using less than 10 Watts. This is the electrically operated water switch which is cut into the riser pipe, between the taps (or mixer) and the shower outlet. The Retrofit solenoid valves are fitted at the shower head. You can purchase your own solenoid valve or we can supply you one of three models to suit your choice of controller.

Standard Model

Glass reinforced nylon. 20mm male in x 20mm male out. Weight 150gm.



Our price \$35

Economy Model Aust. and NZ

Glass reinforced nylon. 15mm female in x 15mm male out. Weight 110gm.



Our price \$35

Heavy Duty Model

DZ Brass. 15mm female BSP in x 15mm BSP male out. Weight 450gm

We can supply male in and female out for the USA market.



Our price \$150

Power pack

Our a power pack, suitable for Australia and New Zealand comes with a 1.8m low voltage lead, sufficient for standard ceiling height.

Input Voltage and configuration to suit local power supply

Output 12 V DC Regulated, 10 Watts minimum

2.1mm DC plug to suit the circuit board input socket



Economy Model USA

Glass reinforced nylon. 15mm male in x 15mm female out. Weight 110gm.



Our price \$35

Our price \$35

Power consumption

Approximately 1.9 Watts on standby (less than a microwave oven). 9.6 Watts during active shower time. At 20c per KwattHour that costs about 1 cent for every 300 minutes of shower time.

Shower controller complete unit

Comes with power and appropriate solenoid valve

Standard model 115x100x25mm

400gm

\$290

Economy Model 180x100x50mm

500gm

\$270

Heavy Duty Model 223x116x53mm

gm

\$420

+ Postage within Aust **\$15**

Note: All prices are in Australian dollars.