

ShowerBoss®

INSTALLATION INSTRUCTIONS

Standard model with Brass valve

These instructions are for installing the shower timer with the solenoid valve cut into the water supply pipe, preferably in the riser pipe, after the mixing body.

Electrical

- The 12 V DC Power Supply is UL listed and RoHS compliant. It can be located behind the shower wall near the water supply pipes or in the ceiling above the shower area and is permanently switched on. The shower timer box should be fitted on a flat wall surface.
- The power pack comes with 6 ft. of wire and a 2.1mm DC plug.
- If the power is to run within or through the wall a **5/8 in. diameter** hole should be drilled within the confines of the shower timer box location.
TIP: Be aware of water pipes when drilling around the shower area.
Damage can be expensive.
- The cylindrical plug on the power supply lead fits into a socket on the Printed Circuit Board (PCB). Squeeze the plug and socket together between two fingers and thumb to ensure that the plug is fully seated. About 3mm of the plug will remain outside the socket (See Fig 1). The display will light up and should alternate between “07” and “05”. These are the factory settings, 7-minute Shower time and 5-minute waiting time between showers. This would be the time for reprogramming if you want to change the settings.
- Run the red lead wire from the PCB to the solenoid valve as per Figs 1 and 2.



Figure 1

Plumbing

- WITH REMOTE SOLENOID VALVE IT IS NOT NECESSARY TO INTERFERE WITH EXISTING SHOWERHEAD.

To install solenoid valve

- Note the flow directional arrow on the body of the valve.
- The Solenoid valve must be fitted on the riser pipe (after mixing body).
- Inspect around the valve for any sign of a leak.
- Output leads from the shower timer should be plugged onto the solenoid valve.



Figure 2

To fit the box

- The box should be fitted at approximately eye level for optimum visual and audible performance. It should not be subject to excessive water splashing on to it.
- Draw a level horizontal line where the box is to be located and mark (2) screw holes 2-1/2 inches on centre for the lower holes. Drill the wall to take the #6 gauge screws and the plastic plugs provided.
- Mark the position of the top mounting hole and drill the wall at that point.
- Within the triangle formed by the three mounting screw holes, drill a hole through the wall at least 5/8 inch diameter.
- Run the red wire lead to the solenoid valve and plug the power supply barrel into the socket on the printed circuit board. Squeeze plug and socket between two fingers and thumb to ensure that the plug is fully seated. The display will light up.
- Screw the box to the wall, firmly but not too tight and the plastic “blanking” caps.
- Do not seal the hole in the wall or the slots in the bottom of the box, they are needed for breathing of moisture.

PROGRAMMING the SHOWER BOSS®

- To enter the programming mode, connect the power supply to the unit.
- Within 2 minutes, press and hold the Start button for a minimum of 10 seconds, or until the buzzer sounds 2 beeps, and the display will flash “P1”. Let go of button.
- Repeatedly press the button to cycle through the program options. When the desired shower setting is displayed, press and hold the button for approximately 3 seconds until you hear a beep, let go of button to confirm your selection.
To change the waiting (Lockout) time between showers, repeatedly press the button again to advance to the desired waiting time. Press and hold for 3 seconds until you hear a beep. Release the button and you will see the display flashing P1.
- **Do not press the button anymore**, you will hear a beep after approximately 60 seconds. The new settings should be displayed.

- See table below for cycling sequence.

The following table shows the shower and waiting time options relating to the display shown during programming mode:

DISPLAY	SHOWER	WAITING
P1	1 MINUTE	
P2	2 MINUTES	
P3	3 MINUTES	
P4	4 MINUTES	
P5	5 MINUTES	
P6	6 MINUTES	
P7	7 MINUTES	
P8	8 MINUTES	
P9	9 MINUTES	
10	10 MINUTES	
11	11 MINUTES	
12	12 MINUTES	
15	15 MINUTES	
00	DISABLED	(no shower)
30		30 SECS
L1		1 MINUTE
L2		2 MINUTES
L5		5 MINUTES
L7		7 MINUTES

** Special Feature

Once the shower is started you can press the Start button and activate a 30 second Pause of the water flow. When that time is up, the original time countdown is resumed with the water flow.

Drill 1/2" dia. Hole through top plate
Power Supply
110V outlet in attic

