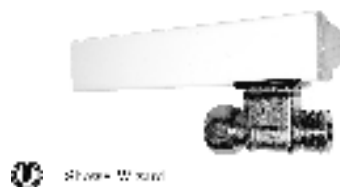


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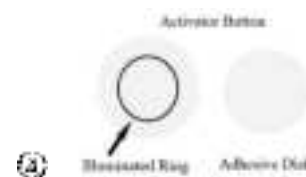
① ShowerWizard®



② Pre-installed washer assembly



③ Activator button with mounting pad



④ Programming Remote/Keyboard



⑤ 2-amp USB charger



⑥ 6-foot USB charging cord



ShowerWizard® Features

LED Status Light: Provides Real-Time Visual Feedback For Status And Notifications.

Wireless Remote Activation: Uses A Remote Button For Convenient Operation.

Pre-Programmed: Comes With An 8-Minute Default Shower Cycle For Quick And Easy Setup.

Customizable Settings: Adjust Shower And Lockout Times To Suit Your Preferences.

Power-Saving Sleep Mode: Activates Only When Motion Is Detected.

Rechargeable Lithium Battery: No Batteries To Replace. Goes 1 Year Between Charges.

Low Battery Alerts: The Wake Flash Code Changes Color, Showing Battery Status.

Innovative Washer Assembly: Simplifies Installation; No Leaks And No Teflon Tape.

Shower Coach Mode: Customize A Gradual Transition To Shorter Showers Over Days Or Weeks.

Short Shower Mode: Good For Pool Houses, Campgrounds, And Communal Showers.

Shower Counter: Keeps Track Of The Total Number Of Showers Taken.

Introducing ShowerWizard®:

The Future of Smarter Showers:

-  The device has no user-serviceable parts. Disassembly will break the seal and void the warranty.
-  Some locations may experience electromagnetic interference and cause unexpected behavior.
-  Keep the lens/motion detector away from heat sources, air vents, or direct sunlight, which can cause false activations.
-  Keep product from extremes of temperatures and moisture. Never submerge any part of the ShowerWizard®.
-  Do not get the Programming Remote wet.
-  If the wake-up status lights are Green/Red, the battery is exhausted and must be charged before the ShowerWizard® will work.
-  If the motion detector does not trigger, remain still for 10 seconds and try again. Retriggering cannot occur in the presents of motion.
-  Charge only when the specified conditions detailed below have been met. see "Charging Directions"

Installation Instructions:

1. **Remove the Existing Showerhead**
 - Remove the current showerhead from the shower arm.
 - Clean the threads on the shower arm to remove any debris.
2. **Attach the ShowerWizard®**
 - Confirm the washer assembly is correctly pre-installed with the black side facing out. (Figure 2)
 - Connect the ShowerWizard® to the shower arm. (Figure 3)

NOTE: THE SHOWERWIZARD MUST BE ABOVE THE SHOWER ARM, AS PICTURED IN FIGURE 3

 - Hand-tighten, if using a wrench, tighten gently to avoid warping the washer assembly.
3. **Reconnect the Showerhead**
 - Attach your showerhead to the ShowerWizards'® output port. (Figure 2&3)

NOTE: Hold the body of the ShowerWizard® to keep it from turning.

 - Once complete, the installation should resemble (Figure 3).
4. **Install the Activation Button**
 - Find a location away from direct water flow, the button is water-resistant, not waterproof.
 - Secure the activation button using the included adhesive pad.
5. **Turn on the water as usual**
 - At this stage, the ShowerWizard® valve is closed, stopping water flow to the showerhead.

NOTE: 1) If applicable, engage the diverter stem on the tub spout.
2) Water pressure at the swivel nut to shower arm connection is currently at its peak.
6. **Inspect the swivel nut**
 - Check the connection for leaks and make any necessary adjustments.
7. **Test the Installation**
 - See the "quick start guide" section to verify proper functionality.

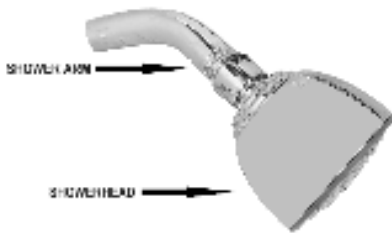


Figure 1

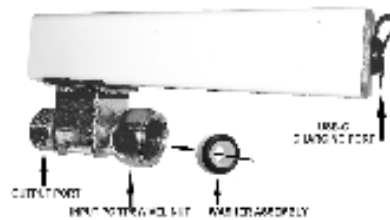


Figure 2

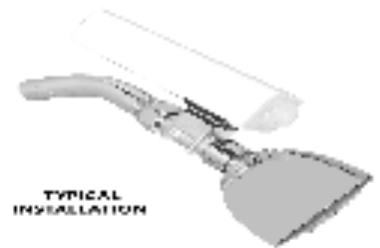


Figure 3

Quick Start & Daily Use:

The Quick Start Guide helps you gain a basic understanding of your ShowerWizard® and introduces its daily use. Most users find the default settings ideal, but if you choose to change them and later want to return to the defaults, it is an easy 3-step process.

Default Settings:

- 7-minutes of main shower time (with a water "pulse" at the end). The status light is fading from Green to Black
- 1-minute of additional bonus time. The status light is fading from Yello to Black.
- 5-minutes of lockout until the next shower cycle can start. Light repeating 2 red flashes.

NOTE: pause is available during the main and bonus time, it stops the clock and water temporarily.

NOTE: You can cancel during the main shower, bonus time, or the lock-out by pressing the ★ key on the Programmer. This feature is handy if a family of four is in a hurry. Only the administrator with access to the Programmer can cancel or adjust the settings.

Default showering directions:

1. **Turn on the Water:**
 - Turn the water on as usual. If applicable, engage the diverter stem on the tub spout. No water will initially flow from the showerhead.
2. **Wake the ShowerWizard®:**
 - The ShowerWizard® is motion-activated. Entering the shower stall will trigger the motion detector, signaled by a blue & green flash code. (blue & yellow if the battery is low).
3. **Start The Shower Cycle:**
 - Press the activation button within 40 seconds of triggering the motion detector. The light will turn blue, then fade from green to black as the water starts to flow.
 - The light will repeatedly fade from green to black throughout the 7 minutes of the main part of the shower cycle.
4. **1-Minute Warning:**
 - After 7 minutes, the light will change and fade yellow to black repeatedly; simultaneously, the water will pulse, signaling 1 additional minute of bonus time.
 - The pulse is a gentle reminder that you have one minute to rinse off and finish your shower.

NOTE: Pause Mode

 - Press the activation button anytime during the main shower or bonus minute to pause for up to 5 minutes.
 - If the cycle is paused beyond 5 minutes, the ShowerWizard® will return to sleep mode.
 - The pause feature stops the clock and the water; it gives you time to soap up, apply shampoo, shave, etc.
 - While pausing, the light will fade from blue to black repeatedly.
 - Pause will lengthen the time spent in the shower but not the amount of water being used.
5. **Lockout Mode:**
 - After the full shower cycle (7 minutes plus 1-minute warning), the ShowerWizard® enters a 5-minute lockout mode. During the lockout, there is a repeating red/red/ long black flash code. A new shower cycle can only begin after the lockout period ends.

Programming basics:

- Motion activates the ShowerWizard® from sleep mode. Once triggered, it "wakes" and flashes:
 - **Blue/green**.....for normal operation.
 - **Blue/yellow**.....indicates a low battery, signaling that recharging will be needed soon.
 - **Blue/red**.....indicates an exhausted battery, preventing operation until recharged.
- Before programming can begin, the ShowerWizard® MUST be awake.
- You have 40 seconds to start programming before the ShowerWizard® re-enters sleep mode.
- Programming is done with the included Programing Remote/Keyboard.
- The Programmer must be aimed directly at the ShowerWizard®, maintaining a clear line of sight.
- You will first enter number(s), followed by one of the function keys: **#, ★, OK, ◀, ▶, ▲, ▼**, (*table 1*)
- Always watch the status light for feedback when pressing any key:
 - One **green** flash confirms the key press was valid/accepted.
 - Four quick **red** flashes indicate an invalid entry, try again.
- Only numbers between **0 and 99** are valid entries. If you enter more than two digits, only the last two digits will be retained.
- When a command is accepted the light will flash a sequence of colors representing the number entered.
 - To decode the flash sequence, refer to (*Table 3*)
- If the new setting is invalid for one of several reasons, you will see 4 quick red flashes. Try again.
- You have 20 seconds to enter additional numbers or press a function key, if not the ShowerWizard® will re-enter sleep mode.
 - If sleep mode is entered at this point you will have to remain still for 10 seconds before a re-triggering can occur.

Adjusting basic settings:

Using the included Programming Remote/Keyboard, follow the step-by-step guides below to adjust the most used settings.

You can use any duration between 1 and 99 minutes.

Watch the status light to stay on point while you are programming.

Adjusting the Shower's Current Length:

1. Trigger the motion detector. (*Status light will be Green/Blue flashing*)
2. press the "**5**" key (*for 5 minutes*). 1 green flash confirms a good key press
3. Press the **◀** key (left arrow).....5 magenta flashes confirm you entered **5**
4. The shower length is now 5 minutes.

Explanation:

In this example, we set a 5-minute shower length. Each key press will be acknowledged with a green confirmation flash. If the key press is not received correctly for any reason, you will see 4-quick red flashes. In that case, simply try again.

The "**◀**" key (*left arrow*) is a function key (*defined in Table 1*) used to set the **current length/starting length** of the shower. More details about the starting length will be covered later. After pressing the function key in this step, you receive a confirmation flash code corresponding to the value entered.

Watch the status light as you press the "**◀**" key. For this example, setting a 5-minute shower will result in a magenta/magenta/magenta/magenta/magenta flash code. Using Tabel 3, and the examples shown in it, you will understand each magenta flash is equal to one. so, 5 magenta flashes equals 5

In the next example, we will use a two-digit number. You will quickly become familiar with decoding the flashback codes as you practice.

NOTE: The warning/bonus minute is always included in the shower time and does not require your input.

Adjusting the Lockout Length:

1. Trigger the motion detector.
2. Press the "**1**" key.....1 green flash confirms a good key press
3. Press the "**3**" key.....1 green flash confirms a good key press
4. Press the "**OK**" key. 1 turquoise and 3 magenta flashes confirms you entered **13**
5. you have set the lockout length to **13** minutes

Explanation:

In this example, we are setting a **13**-minute Lockout Length. We pressed **1** then **3**. Again, each time you press a key, you will see the green confirmation flash.

The "**OK**" key is a function key (defined in Table 1) lockout is the time that must pass before a new shower cycle can be started. After pressing the function key in this step, you will receive a confirmation flash code corresponding to the value you entered.

Watch the status light as you press the "**OK**" key. For this example, setting a 13-minute shower will result in a turquoise/magenta/magenta/magenta flash code. Using Tabel 3, and the examples shown, you will understand that turquoise is equal to 10 and the 3 magenta flashes equal 3... for a total of $10 + 3 = 13$

Reset To Factory Defaults:

1. Trigger the motion detector.
2. Press the "**6**" key.....1 green flash confirms a good key press
3. press the "**#**" key.....6 magenta flashes confirm you entered **6**.
4. The **valve** will open and close, then display a flash code indicating the software version number.
5. All user settings are cleared, and the ShowerWizard® is restored to its factory default settings.

Explanation:

In this example, we are resetting the **ShowerWizard®** to the factory defaults. We pressed **6**, which was followed by the green confirmation flash. Next, the "**#**" key defined in Table 1, is the key used for executing this and all the other commands in Table 2. After pressing **#**, a confirmation flash code will indicate the number entered. Watch the status light as you press the "**#**" key. In this example you pressed **6**, resulting in a Magenta/Magenta/Magenta/Magenta/Magenta/ flash code. Using Tabel 3, and the examples shown, you will understand that **6** magenta flashes equals **6**.

Shower Coach Mode:

This mode supports a gradual transition to shorter showers over days or weeks, it eases the adjustment naturally, so the change is barely noticeable. It requires you to configure four adjustable settings: the starting shower length, the reduction interval (in minutes), the number of showers between each reduction, and the ending shower length. Once the final reduction has been reached...the ending shower length you set will become the new normal shower length.

For example, if you set a starting shower length of ◀ 20 minutes, and reduce the shower time by ▼ 2 minutes every ▲ 4th shower, with an ending length of ► 6 minutes, the process would work as follows: after the first 4 showers, the length would decrease to 18 minutes. After another 4 showers, it would reduce again to 16 minutes, and so on. This pattern continues until the final reduction is reached, at which point the shower time will be permanently set to 6 minutes.

(See Table 1 for keyboard symbol details)

Programming Shower Coach Mode:

Working from the example described above.

1. Trigger the motion detector.
2. Press 2, 1 green flash confirms a good key press
3. Press 0, 1 green flash confirms a good key press
4. Press ◀ 2 turquoise flashes confirms you entered 20, *this is the 20-minute starting length*
5. Press 2 1 green flash confirms a good key press
6. Press ▼ 2 magenta flashes confirms you entered 2, *this is the 2 minutes that the shower length will be reduced by*
7. Press 4 1 green flash confirms a good key press
8. Press ▲ 4 magenta flashes confirms you entered 4, *this is the number of showers between each 2-minute reduction*
9. Press 6 1 green flash confirms a good key press
10. Press ► 6 magenta flashes confirms you entered 6, *this is the final shower length*

Pairing Directions:

Pairing establishes a unique radio link between the activator button and the ShowerWizard®. The ShowerWizard® comes ready to use and typically does not require pairing. In rare cases, the activator button may become unpaired. If you lose or break the button, you can purchase a replacement, but it must be paired before it will function. If you want to use multiple activator buttons (up to six), follow the steps below after acquiring a new button(s).

Steps For Pairing:

1. Trigger the motion detector
2. Press the “4”. Green Flash confirms a good key press.
3. Press the “#”. You will see 4 magenta flashes.
4. After 3 seconds the light will illuminate White for 5 seconds.
5. Press and release the activator button while the white light is on.
6. Pairing is complete.

Un-pairing directions:

Un-pairing will erase **all** the established radio links between **all** the activator buttons associated with the ShowerWizard®. This command might be necessary if you lose your button and do not want to risk unauthorized use. Also, you may be directed by customer support to perform an un-pairing.

Steps For un-pairing:

1. Trigger the motion detector
2. Press the “5” Green Flash confirms a good key press.
3. Press the “#” you will see 5 magenta flashes.
4. Immediately 8 White flashes will occur.
5. Un-pairing is complete.

▲Charging directions:

Charging is straightforward, much like charging a cellphone. The charger and cord included are all you need.

▲ **CAUTION:** using cords and chargers from other sources is not recommended and could void the warranty.

▲ **CAUTION:** Although designed to be safe, there is always a possibility of electrocution when water and electricity are within reach of each other.

▲ **CAUTION:** Most modern bathrooms have a GFCI receptacle, which is highly recommended for charging your ShowerWizard®.

See more about GFCI receptacles> <https://safeelectricity.org/ground-fault-circuit-interrupters-gfcis/>

Procedure:

1. Turn the water off at the handles.
2. Put the ShowerWizard® to sleep with the ★ button
3. Connect the USB cable to the charger and the other end of the USB cable into the ShowerWizards’® USB-C port.
NOTE: One end will fit the charger, and the other will fit the ShowerWizard®.
4. Now plug the adapter into a 120-volt GFCI receptacle.
NOTE: Charger is also compatible with 230-volt European systems but you will need a
NOTE: The ShowerWizard® **will not work** during charging.
5. The light will display a steady red while charging and switch to green when fully charged.
NOTE: The light is motion-activated and will come on when motion is detected.

Charging Safety Tips:

- Do not leave the battery charging unattended for prolonged periods.
- Unplug from the ShowerWizard® once fully charged, indicated by a solid green status light.
- Again, unplug the charger once the battery is fully charged to prevent overcharging and extend battery life.
- Do not charge the battery in temperatures below 0°C (32°F) or above 40°C (104°F).

- Avoid using damaged chargers or cables.
 - If the device does not charge, check the power source, cable, and port for damage or debris.
 - Refer to the troubleshooting section of this manual or contact customer support if problems persist.
- By following these steps, you can ensure the safe and efficient charging of your device's integrated lithium battery.

Short Shower Mode:

There are 10 short shower options (10–100 seconds) designed for campgrounds and communal showers. These showers can restart repeatedly and do not have pause or lockout periods and feature a water pulse every 10 seconds. Options are listed in Table 2. To program: wake the ShowerWizard®, input an option from Table 2, press the # key. From this point forward, use the activator button to run the selected short shower until reprogrammed. Additionally, to distinguish the short showers from the normal shower cycle, the status light will “long flash red” and then “long flash blue” twice and pulse the water for every 10-seconds of run time.

Programming Short Shower Mode

1. Trigger the motion detector. *(Status light will be Green/Blue flashing)*
2. Press the “**2**” key. Green Flash confirms a good key press. **Note:** All short shower options are in the 20's group. *(Table 2)*
3. Press the “**3**” key. Green Flash confirms a good key press. **Note:** All short shower options are in the 20's group. *(Table 2)*
4. Press the “**#**” key. **2** turquoise and **3** magenta flashes confirms you entered **23**
5. you have set a repeatable short shower length of **30** seconds

Table 1: Function keys:

KEY	DESCRIPTION
★	Cancel/Sleep
#	Execute Command <i>(See Table 2)</i>
OK	Lockout Length, 1 To 99 Minutes
◀	Shower, Current/Start Length <i>(Used W/ Shower Coach)</i>
▶	Shower, Ending Length <i>(Shower Coach Mode Only)</i>
▲	Showers Between Reductions <i>(Shower Coach Mode Only)</i>
▼	Minutes Subtracted/Reduction <i>(Shower Coach Mode Only)</i>

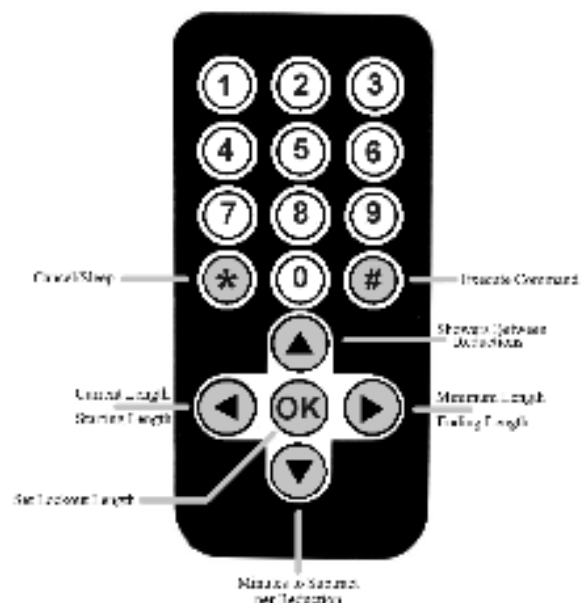


Table 2: commands:

Lists all the commands available entered with the # key

#	DESCRIPTION	#	DESCRIPTION	#	DESCRIPTION	#	DESCRIPTION	#	DESCRIPTION
0		20	100-Sec. Shower	40		60		80	
1	Start Shower Cycle	21	10-sec. shower	41		61		81	
2	Cycles Count no reset	22	20-Sec. Shower	42		62		82	
3	Valve Test	23	30-Sec. Shower	43		63		83	
4	Pair Button	24	40-Sec. Shower	44		64		84	
5	Unpair Button	25	50-Sec. Shower	45		65		85	display version number
6	Reset/Default	26	60-Sec. Shower	46		66		86	Read shower counter?
7	Status To Terminal	27	70-Sec. Shower	47		67		87	Reset Shower Counter
8	Dark Mode On	28	80-Sec. Shower	48		68		88	
9	Dark Mode Off	29	90-Sec. Shower	49		69		89	
10		30	End of pause sleep *	50		70		90	
11		31	End of pause return	51		71		91	
12		32	pause enable *	52		72		92	
13		33	pause disable	53		73		93	
14		34	Enable max # pause *	54		74		94	Valve Test
15		35	Disable max # pause	55		75		95	Dark Mode Off
16		36	10sec pause	56		76		96	Dark Mode On
17		37	20sec pause	57		77		97	Status To Terminal
18		38	30sec pause	58		78		98	Unpair Button
19		39	40sec pause	59		79		99	Pair Button

Table 3: Color-to-Number Decoder:
Used to Confirm The Number Entered And Total Shower Count

COLOR	PLACE VALUE	COLOR CODE SEQUENCE EXAMPLES	VALUE
Magenta	1	Magenta/Magenta/Magenta/Magenta/Magenta	5
Turquoise	10	Turquoise/Turquoise/Magenta/Magenta/Magenta	23
Yellow	100	Yellow/Turquoise/Magenta/Magenta	112
Blue	1,000	Blue/Blue/Yellow/Yellow/Turquoise/Magenta/Magenta/Magenta	2213
White	10,000	White/White/White/Blue/Yellow/Yellow/Yellow/Turquoise/Magenta/Magenta	31,312

Table 4: Feedback and Status Codes:

COLORS	STYLE	PATTERN	DESCRIPTION	NOTES
No light	Off	Steady	Sleep mode	Motion Triggers Wake Mode
Red/Red/Red/Red/	Flash	One Time	Error / rejected key press	Error 4-Quick flashes
Green & Blue	Flash	Repeating	Wake mode/battery good	Normal Operation.
Green & Yellow	Flash	Repeating	Wake mode/battery warning	Normal Operation.
Green & Red	Flash	Repeating	Wake mode/battery must be charged	Will Not Operate.
Green to Black	<i>Fade</i>	Repeating	Main shower cycle	Adjustable Setting
Yellow to Black	<i>Fade</i>	Repeating	Bonus minute shower cycle	Non-Adjustable 1-Minute
Blue to Black	<i>Fade</i>	Repeating	Pause mode	Press On/Press Off W/Activator Button
Red/Red/Long Black	Flash	Repeating	Lockout cycle	Adjustable Setting
Red	On	Steady	Plugged in/charging in process	Motion Before Illumination/no operation
Green	On	Steady	Plugged in/fully charged	Extended charging not good/no operation
Green Flash	Flash	Single	Accepted key press from the keyboard	Confirmation of key press
White	On	Steady (<i>5 seconds</i>)	Pairing/momentary press activator button	establishes a unique radio link code
White 8 flashes	Flash	Repeating	Un-Pairing in progress	Erases all previous radio link codes
White 3 flashes	Flash	One time sequence	Precedes total showers count “Flash Sequence”	Decode sequence after 3 white flashes
Red/Red/Red/Red/	Flash	One time sequence	Version number sequence/Set at factory	varies w/software updates
Red/Blue/Red/Blue/black	Flash	Repeating	short shower cycle 10-second mode is running	See Advanced Settings
Sequence of Colors	Flash	One time	reflects a Programmer entry or the total shower count	See Table 3 to decode

Trouble Shooting Guide:

Symptom	Possible Cause	Possible Fix Or Test
No Lights	• Motion Not Detected • Exhausted Battery • Internal Failure	• Be Still For 10 Seconds And Try Again • Charge Until Charge Indicator Turns Green • Call Customer Service (734) 320-3679 • Press # Key Or Ok Key To Look For Reaction
Not Charging	• No Power • Not Plugged Correctly • Bad Cord Or Charger • May Be Charging But The Status Light Has Not Illuminated Due To The Motion Detector Not Timing	• Check The Outlet For Power • See Charging Directions • Remain Still 10 Seconds, Then Try To Trigger The Motion Detector Again.
Needs Charging Too Frequently	• Tampering • Excessive Use • Bad Battery	• Look For Signs Of Product Abuse, Household Members Can Be Very Cleaver When Trying To Get Around The Newly Installed Showerwizard® • Call Customer Service (734) 320-3679
Programmer Not Working	• Not Aimed Correctly • Battery Not Making Contact • Battery Dead	• Move Closer And Be Within Line Of Sight • Aim Straight At Lense/Status Light • Remove And Reinsert Battery • Replace Battery W/Single Cr2025
• Activator Button Not Working • Activators' Blue Ring Not Lighting	• Needs To Be Paired • Battery Dead	• See Pairing Direction • Replace Battery Requires 2, Cr2016
Will not Thread To Shower Arm	• Cross Threaded	• Thread Is G 1/2 And Fits Most Shower Arms, Globally.
Valve May Not Be Operating But Status Lights Are Correct	• Water Not Turned On At Faucet • Valve Failed	• Turn Faucet Handles On • Run Valve Test, And Listen For Valve Operation • Valve Test: Wake, Press 3 then # (<i>see Table 2</i>)
Leak At The Swivel Nut	• Missing or Reversed Washer Assembly • Not Tight Enough • Cross-Threaded • Bad Shower Arm	• Insert Washer Assembly • Check Washer Assemblies' Orientation (<i>see figure 2</i>) • Tighten Swivel Nut • Reseat Swivel Nut • Check Pipe Threads
Leak At The Output	• Shower Head Loose Or Cracked	• Tighten Or Replace The Showerhead • May Need Teflon Tape
Unusual Status Light	• Product Abuse • Exhausted Battery • Controller Malfunction	• Recharge Battery • Reset Factory Defaults • Call Customer Service (734) 320-3679
Decreased Hot Water Temperature At Other Faucets	• Leaving Faucets On At The Showerwizard® Installation	• Prevent Backflow By Turning Off Faucets After Use.

ShowerWizard® Product Specifications

<u>Feature</u>	<u>Specification</u>
Model Name	ShowerWizard® Smart Shower Controller
Material	High-Durability ABS Plastic, Stainless Steel Fittings
Water Connection	Standard G 1/2" (Global Compatibility)
Power Source	Rechargeable Lithium-Ion Battery (Integrated)
Battery Life	Up to 12 months per full charge
Charging Port	USB-C
Charging Time	6-12 hours (full charge)
Input Voltage	5V DC, 2A (USB Charger Included)
LED Status Indicator	Multi-Color Feedback (Battery, Operation, Errors)
Shower Time Settings	Default: 7 min main + 1 min bonus (adjustable)

Lockout Period	Default: 5 min (adjustable)
<u>Feature</u>	<u>Specification</u>
Pause Function	Up to 5 minutes (does not reset the timer)
Modes	Standard, Shower Coach Mode, Short Shower Mode
Programming Interface	Infrared (IR) Keyboard/Programmer
Activator Button	Wireless, Water-Resistant (Not Waterproof)
Number of Activators	Up to 6 activators can be paired to one unit
Motion Sensor Range	Approx. 3-5 feet (for activation)
Operating Temperature	32°F – 104°F (0°C – 40°C)
Storage Temperature	-4°F – 140°F (-20°C – 60°C)
Waterproof Rating	IPX4 (Splash-Resistant)
Weight	Approx. 8 oz (226g)

Dimensions	4.5" x 3" x 2" (L x W x H)
Warranty	1-Year Limited Warranty

Glossary:

terms and phrases essential for the users to understand the product and its operation:

1. Device Components & Installation:

- **ShowerWizard®**..... A smart shower system designed to control water usage, encourage efficient showering, and prevent excessive water consumption.
- **Shower Arm**..... The pipe extending from the wall where the ShowerWizard® connects.
- **Washer Assembly**.....A pre-installed component ensuring a secure, leak-free connection when attaching the ShowerWizard® to the shower arm.
 - Comprised of a shouldered washer and an O-ring.
- **Swivel Nut**.....A movable nut on the ShowerWizard® that secures its connection to the shower arm while allowing for minor adjustments.
- **Teflon Tape**..... A sealing material used in plumbing to prevent leaks, not required for the ShowerWizard® due to its built-in washer assembly.
- **Valve Test**.....A diagnostic function to check whether the ShowerWizards® valve is operating correctly.
- **Cross-Threading**.....The incorrect alignment of threaded parts during assembly, which may cause leaks or damage.

2. Power & Charging:

- **Rechargeable Battery**....The internal Lithium battery that powers the ShowerWizard®, is designed to last up to one year per charge.
- **Charge Indicator Light**...LED status lights that indicate battery charge levels:
 - **Red** = Charging, **Green** = Fully Charged
- **GFCI Receptacle**.....A Ground Fault Circuit Interrupter electrical outlet, recommended for safe charging of the ShowerWizard® in wet environments.

3. Operation & Usage:

- **Motion Detector**.....A built-in detector that detects movement to activate the ShowerWizard® from sleep mode and start a shower cycle.
- **Sleep Mode**.....A low-power state when the ShowerWizard® is inactive, conserving battery power.
- **Wake Mode**.....The active state of the ShowerWizard®, triggered by motion detection or other inputs.
- **Activator Button**.....A wireless button that starts a new shower cycle when pressed.
- **Programing Remote**.....An infrared remote (IR)keyboard used to program and customize the ShowerWizard® settings.
- **Keyboard**.....An infrared remote (IR)keyboard used to program and customize the ShowerWizard® settings.
- **Default Settings**.....The pre-configured settings of the ShowerWizard®, which include:
 - 7-minute main shower time, 1-minute bonus time and a 5-minute lockout period
- **Lockout Length**.....The amount of time after a shower cycle ends before a new cycle can begin, preventing consecutive showers.
- **Factory Defaults**.....The original settings that can be restored by resetting the ShowerWizard®.
- **Feedback/Status Codes**....Color-coded light patterns that indicate the Shower Wizard's® status, errors, or programming feedback.

4. Special Features & Modes:

- **Shower Coach Mode**.....A training mode that reduces shower duration over time, helping users adjust to shorter showers without sudden changes.
- **Short Shower Mode**.....Designed for campgrounds, gyms, and communal showers. short, repeatable showers (10-100 seconds) without lockout.
- **Pause Mode**.....A feature that temporarily stops water flow without resetting the timer, allowing time for activities like lathering or shaving.

5. Programming & Connectivity

- **Programming Basics**.....The rules and steps for configuring the ShowerWizard® using the programming Remote/Keyboard.
- **Pairing**.....The process of linking an activator button to the ShowerWizard® to establish a wireless connection.
- **Un-Pairing**.....The process of removing all activator buttons linked to the ShowerWizard®.

ShowerWizard® – Frequently Asked Questions (FAQs)

1. General Product Information

Q: What is the ShowerWizard® and how does it work?

A: ShowerWizard® is a smart shower controller that helps manage water usage by limiting shower time and preventing excessive use. It features an activator button, LED status lights, and customizable settings.

Q: What are the default shower settings?

A: The default settings are:

- **Main Shower Time:** 7 minutes
- **Bonus Time:** 1 extra minute
- **Lockout Period:** 5 minutes before another shower cycle can start

Q: Can I customize my shower time and settings?

A: Yes, using the included Programmer/Keyboard, you can adjust shower duration, bonus time, and lockout periods.

2. Installation & Setup

Q: How do I install the ShowerWizard®?

A: Installation is simple—just attach the unit between your shower arm and showerhead. Follow the installation instructions in the manual for proper setup.

Q: Does the ShowerWizard® work with all showerheads?

A: Yes, it fits standard G 1/2 shower connections, which are commonly used worldwide.

Q: Where should I mount the activator button?

A: The activator button should be mounted **away from direct water flow** but still within easy reach. Use the included adhesive pad to secure it.

3. Operating the ShowerWizard®

Q: How do I start a shower?

A: Turn on the water, trigger the motion detector by stepping into the shower, and press the activator button within 40 seconds.

Q: What happens when the shower time is up?

A: The ShowerWizard® gives a **1-minute warning pulse**, then stops the water flow and enters a **5-minute lockout period** before another cycle can begin.

Q: Can I pause the shower?

A: Yes! Press the activator button during the main shower or bonus time to pause the flow for up to **5 minutes**. If paused longer, the unit returns to sleep mode.

4. Battery & Charging

Q: How long does the battery last?

A: A full charge lasts **up to 12 months** under normal use.

Q: How do I know when the battery is low?

A: The LED indicator changes from **Blue & Green (normal operation)** to **Blue & Yellow (low battery)** when it needs charging.

Q: How do I charge the ShowerWizard®?

A:

1. Turn off the water and put the unit to sleep using the ★ button.
2. Plug the included USB-C cable into the ShowerWizard®.
3. Connect the charger to a GFCI-protected outlet.
4. The LED will show **Red (charging)** and turn **Green (fully charged)**.

Q: Can I use any charger?

A: No, use only the **included 2-amp USB charger and cable** to prevent damage.

5. Troubleshooting

Q: The blue light does not turn on when I press the activator button. What should I do?

A: This could indicate a **dead battery or an unpaired button**. Try the following:

- Charge the ShowerWizard® and test again.
- Re-pair the activator button following the manual's pairing instructions.

Q: My shower is running continuously and will not shut off. What is wrong?

A: This may indicate a **stuck valve or tampering**. Try resetting the unit to factory defaults or checking for any obstructions. If the issue persists, contact support.

Q: My unit will not charge. What should I check?

A:

- Ensure the **charger and cable are properly connected**.
- Try a **different GFCI outlet**.
- Look for debris in the charging port.

6. Programming & Special Features

Q: How do I reset the ShowerWizard® to factory settings?

A:

1. Trigger motion detection (LED flashes Green/Blue).
2. Press the **6** key (Green flash confirms entry).
3. Press the **#** key (Magenta flash confirms reset).
4. The unit will reset, and the valve will cycle.

Q: What is Shower Coach Mode?

A: This mode **gradually reduces shower time** over multiple cycles. You can set a starting shower time, reduction interval, and final target duration.

Q: How do I program Short Shower Mode?

A: Short Shower Mode allows **quick showers (10–100 seconds) with no lockout**. Follow the programming guide in the manual to select a duration.

7. Warranty & Returns

Q: What is the warranty period?

A: The ShowerWizard® comes with a **six-month limited warranty** covering defects in materials and workmanship.

Q: What is covered under the warranty?

A: The **ShowerWizard unit, activator button, keyboard, charger, and cable** are covered against defects but not **accidental damage, misuse, or unauthorized modifications**.

Q: How do I file a warranty claim?

A: Contact customer support with:

- ✓ Proof of purchase/customer number
- ✓ Description of the issue
- ✓ Photos or videos (if applicable)

If needed, you will receive a **Return Authorization (RA) Number** and shipping instructions.

Q: Will I have to pay for return shipping?

A: Customers cover **inbound shipping**. If the claim is approved, we cover **return shipping**.

Q: What if my warranty has expired?

A: We offer **affordable repair services** for out-of-warranty units. Contact us for a repair estimate.

8. Additional Support

Q: Where can I buy replacement parts?

A: You can order replacement activator buttons, chargers, and other parts directly from our website or customer support.

Q: Can I use multiple activator buttons with one ShowerWizard®?

A: Yes! You can pair **up to six activator buttons** with a single unit.

Q: How do I contact customer support?

A:  Email: theshowerwizard@gmail.com

 Phone: (734) 320-3679

ShowerWizard® Limited Warranty & Return policy

1. Warranty Coverage

ShowerWizard® is backed by a **six-month limited warranty** from the original date of purchase. This warranty covers defects in **materials and workmanship** under normal residential use.

During the warranty period, if the ShowerWizard® is found to be defective due to **manufacturing flaws**, we will, at our discretion:

- **Repair the product** using new or refurbished parts
- **Replace the product** with a new or refurbished unit
- **Offer a refund** (only if repair or replacement is not feasible)

What is Covered?

This warranty applies to the following components:

- ✓ ShowerWizard® unit
- ✓ Activator button
- ✓ Keyboard/Programmer
- ✓ Charger and cable

What is NOT Covered?

This warranty **does not cover** damage resulting from:

- ✗ Improper installation (failure to follow the provided manual)
- ✗ Accidental damage, misuse, or neglect
- ✗ Modifications, unauthorized repairs, or disassembly
- ✗ Water damage due to submersion (e.g., placing the Programmer in

water)

- ✗ Tampering or forced manipulation (e.g., attempts to bypass system restrictions)
- ✗ Use of third-party chargers, cables, or accessories
- ✗ Battery depletion due to excessive charging cycles beyond normal use
- ✗ Extreme temperature exposure (heat or frost conditions)
- ✗ Defective supply plumbing lines or consequential water leak damage

For **commercial or communal use** (e.g., gyms, pool houses, campgrounds), warranty coverage is **three months** due to higher wear and tear.

2. Return Policy

We have a **30-day return policy**, which means you have **30 days after receiving your item** to request a return.

Eligibility for Returns:

To be eligible for a return:

- ✓ The item must be in its **original condition**, with all **accessories included, unused, and in its original packaging**.
- ✓ You must provide a **receipt or proof of purchase**.
- ✓ Items missing accessories, **sale items, or gift cards** are **not eligible** for return.

How to Request a Return:

1. Email us at theshowerwizard@gmail.com with:
 - Your **name**
 - Your **customer/order number**
 - The **reason for the return**
2. We will respond with **return instructions** and a **Return Authorization (RA) Number** if approved.
3. When shipping back the item, include:
 - Your **customer number**
 - Your **name**
 - A **brief description of the issue or reason for return**
4. Upon inspection, if your return is accepted, we will process an **exchange or refund**.

3. Refund Policy

Once we receive and **inspect your return**, we will notify you of the approval or rejection of your refund.

- ✓ **Approved refunds** will be processed to your **original payment method**, minus **shipping, and restocking fees** (if applicable).
- ✓ Please allow time for your **bank or credit card provider** to process the refund after it is issued.

4. Exchanges

The fastest way to get a replacement item is to **return your current item first**. Once the return is **approved**, you can make a **separate purchase** for the added item.

5. Damages & Issues

- ✓ Please **inspect your order upon arrival** and contact us **within 30 days** if you receive:
 - A **damaged product**
 - The **wrong item**
 - A **manufacturer's defect**

We will evaluate the issue and work to resolve it promptly.

6. Terms of Manufacturer's Installation Limitations

Purchaser assumes responsibility for costs associated with:

- ✗ Accidental misuse or tampering
- ✗ Installation labor costs
- ✗ Removal of the unit
- ✗ Water usage beyond expected operation
- ✗ Consequential water leak damage
- ✗ Extreme environmental conditions (heat, frost, or exposure to direct sunlight)
- ✗ Defective or outdated plumbing supply lines

7. Out-of-Warranty Service

If your ShowerWizard® is outside the warranty period or the issue is not covered, we offer **affordable repair services**. Contact us for a service estimate.

8. How to Contact Us

For **warranty claims, returns, or general support**, reach out to us at:

 Email: theshowerwizard@gmail.com

 Customer Support: (734) 320-3679

We are happy to help and ensure you have the best experience with your ShowerWizard®!

Summary of Key Policies:

Policy	Details
Warranty Length	30- day (Residential) / 3 Months (Commercial Use)
Return Window	30 Days After Delivery
Refund Processing	After Inspection, Minus Shipping & Restocking Fees
Damage/Defect Claims	Must Be Reported Within 30 Days
Non-Returnable Items	Missing Accessories, Sale Items, Gift Cards
Installation Costs Covered?	No, Purchaser Bears Responsibility
Tampering/Unauthorized Repair Coverage?	Not Covered