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## Deer Valley 1S0029Plus

# DeerValley Smart Toilet User Manual

Model: 1S0029Plus

## 1. INTRODUCTION

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This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your DeerValley Smart Toilet. This one-piece, tankless smart toilet integrates advanced features such as a built-in bidet, auto-flush, heated seat, and remote control for an enhanced bathroom experience. Please read this manual thoroughly before installation and use to ensure proper function and safety.



Image 1.1: The DeerValley Smart Toilet (Model 1S0029Plus) in a bathroom environment.

## 2. SAFETY INFORMATION

Your DeerValley Smart Toilet is designed with multiple safety features to ensure user protection and product longevity. Adherence to these guidelines is crucial for safe operation.

- **Prevent Low Temperature Scald:** The heated seat and warm water functions include controls to prevent burns.
- **Overheating Prevention:** Integrated sensors monitor and regulate heating elements to prevent overheating.
- **Flame Retardant Protection:** Materials used are designed to resist ignition and spread of flame.
- **Short-Circuit Protection:** Electrical systems are protected against short circuits.
- **Leakage Protection:** Designed to minimize the risk of water leakage.
- **IPX4 Waterproof:** The unit is protected against splashing water from any direction.
- **Water Pressure Protection:** Safeguards against excessive water pressure.
- **Over-Voltage Protection:** Protects the electrical components from voltage spikes.

# Various Safety Functions

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Image 2.1: Overview of the eight integrated safety functions.

## 3. PRODUCT COMPONENTS

The following components are typically included with your DeerValley Smart Toilet:

- 1 x Smart Toilet Unit
- 1 x User Manual (this document)
- 1 x Angle Valve
- 1 x Remote Control
- 1 x Wax Ring
- Screws for installation

## 4. INSTALLATION

The DeerValley Smart Toilet is designed for straightforward installation. Detailed instructions and all necessary

accessories are provided in the included installation manual. Professional installation is recommended to ensure proper plumbing and electrical connections.

## 4.1 Pre-Installation Checks

- Ensure the water supply is turned off.
- Verify that the floor is level and capable of supporting the toilet's weight (approximately 96.34 lbs).
- Confirm availability of a standard electrical outlet (120V, 60Hz) within reach of the toilet's power cord.

## 4.2 Tankless Design

This smart toilet features a tankless design, which contributes to its sleek profile and efficient water usage. This design eliminates the need for a bulky water tank, providing a more compact footprint.



Image 4.1: Illustration of the tankless design.

## 5. OPERATING INSTRUCTIONS

The DeerValley Smart Toilet offers a range of functions controllable via the side knob or the included remote control.

### 5.1 Flushing Options

The toilet provides four distinct flushing methods for convenience and efficiency, utilizing a 1.28 GPF siphon flush system.

- **Automatic Seat Sensor Flush:** The toilet automatically flushes upon detecting the user leaving the seat.
- **Foot Kick Flushing:** A gentle kick to the designated area at the base of the toilet activates the flush.
- **Knob Flush:** A manual flush option available via the side control knob.
- **Remote Control Flush:** Activate flush using the dedicated button on the remote control.
- **Blackout Flush:** A backup flush function for use during power outages. This typically requires a 9V battery (not included) to be installed.

# Multiple Flushing Options

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Image 5.1: Visual representation of the multiple flushing options.



Image 5.2: Detail of the blackout flush mechanism, requiring a 9V battery.

## 5.2 Multifunctional Cleaning

The integrated bidet offers a personalized cleaning experience with adjustable settings.

- **Cleaning Modes:** Includes rear washing, front washing (feminine care), oscillating wash, and hot/cold massage cleansing.

- **Adjustable Nozzle Position:** Customize the nozzle's position for optimal cleaning.
- **Instant Warm Water:** Provides 0.2-second instant warm water rinse.
- **Adjustable Water Temperature:** Four levels of water temperature adjustment (Room Temp, 93.2°F, 98.6°F, 102.2°F).
- **Adjustable Water Pressure:** Control the intensity of the water spray.



Image 5.3: Illustration of warm water cleansing and various cleaning modes.

### 5.3 Comfort Features

- **Heated Seat:** Four levels of temperature control for the seat (Room Temp, 93.2°F, 98.6°F, 102.2°F) with anti-scald technology.
- **Warm Air Drying:** Features 4 adjustable temperature settings and 3 wind settings for efficient drying.
- **Soft Close Seat:** The toilet seat and lid close gently to prevent slamming noises.
- **Night Light:** A built-in gentle night light illuminates the bowl for convenient use in low-light conditions.



Image 5.4: Details of the efficient warm dryer and comfortable seat heating.



Image 5.5: The gentle night light feature for visibility in the dark.

## 5.4 Remote Control Functions

The wireless remote control provides easy access to all smart toilet functions. The remote requires 1.5V AAA batteries (not included).

# Wireless Remote Control DeerValley®

The 1.5V AAA batteries are not included in the package

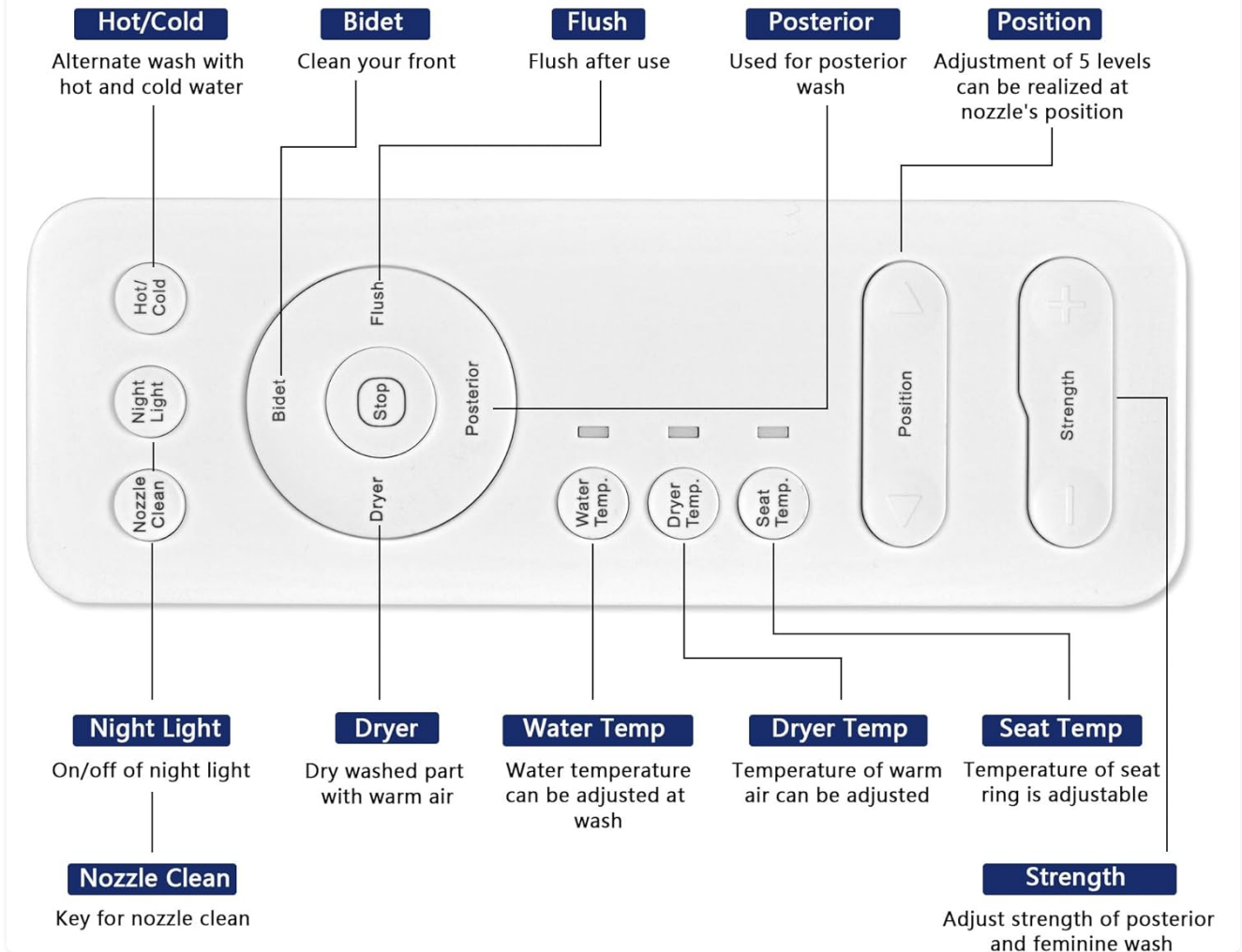


Image 5.6: Detailed layout of the wireless remote control and its functions.

- **Hot/Cold:** Alternates wash with hot and cold water.
- **Bidet:** Activates front wash (feminine care).
- **Flush:** Initiates a flush after use.
- **Posterior:** Used for posterior wash.
- **Position:** Adjusts the nozzle's position (5 levels).
- **Night Light:** Toggles the night light on/off.
- **Nozzle Clean:** Activates nozzle self-cleaning.
- **Dryer:** Activates warm air drying.
- **Water Temp.:** Adjusts water temperature.
- **Dryer Temp.:** Adjusts warm air temperature.
- **Seat Temp.:** Adjusts heated seat temperature.
- **Strength:** Adjusts water spray strength for washing.

## 6. MAINTENANCE

Regular maintenance ensures optimal performance and hygiene of your smart toilet.

## 6.1 Nozzle Cleaning

The bidet nozzle features a self-cleaning function. Activate this function via the remote control or side knob to ensure hygiene.

## 6.2 Bowl Moistening

Upon seating, the toilet automatically releases water to moisten the inner bowl. This helps prevent dirt from sticking, making subsequent cleaning easier.

## 6.3 General Cleaning

- Use a soft cloth and mild, non-abrasive cleaner for external surfaces.
- Avoid harsh chemicals or abrasive pads that could damage the ceramic or plastic components.
- For the bowl, use standard toilet bowl cleaners as needed.

# 7. TROUBLESHOOTING

If you encounter issues with your DeerValley Smart Toilet, refer to the following common troubleshooting steps. For persistent problems, contact customer support.

Problem	Possible Cause	Solution
No power/functions unresponsive	Power cord unplugged, circuit breaker tripped, power outage.	Check power connection, reset breaker, use blackout flush if applicable.
Bidet water not warm	Water heater off, temperature setting too low.	Ensure water heating is enabled and adjust water temperature setting.
Heated seat not working	Seat heating off, temperature setting too low.	Ensure seat heating is enabled and adjust seat temperature setting.
Remote control not working	Batteries dead or incorrectly inserted, remote out of range.	Replace batteries, ensure correct polarity, operate within range.
Weak flush	Low water pressure, partial clog.	Check water supply valve, clear any visible obstructions.

## 7.1 Self-Diagnosis

The toilet is equipped with a self-diagnosis system that performs hardware, software, and circuit self-tests to ensure proper functionality.

# 8. SPECIFICATIONS

Feature	Detail
Model Number	1S0029Plus
Color	White

Feature	Detail
Product Dimensions	15.79"D x 26.89"W x 18.54"H
Material	Ceramic (Toilet), Polypropylene (PP) (Seat)
Item Weight	96.34 Pounds
Installation Type	Floor Mounted
Shape	D-Shape
Flush Volume	1.28 GPF (Gallons Per Flush)
UPC	751313648990
Manufacturer	LETTOI LLC
Batteries Required (Remote)	Yes, 1.5V AAA (not included)
Batteries Required (Blackout Flush)	Yes, 9V (not included)

## 9. WARRANTY AND SUPPORT

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DeerValley is committed to providing excellent customer service and product support.

- **30-Day Money-Back Guarantee:** If you are not satisfied with your purchase, you may return it within 30 days for a full refund.
- **12-Month Replacement Policy:** A 12-month replacement policy is offered for product defects or malfunctions.
- **Ongoing Online Support:** Customer support is available to assist with any issues or questions. Responses are typically provided within 24 hours.
- **Part Replacement:** 1-year part replacement is available.

For assistance, please contact DeerValley customer service. Refer to the contact information provided with your purchase documentation.