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› Hunter Industries Hydrowise HC600I 6-Station Indoor Irrigation Controller User Manual

Hunter Industries HC600I

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Model: HC600I

INTRODUCTION

The Hunter Industries Hydrowise HC600I is a 6-station indoor irrigation controller designed for residential and light commercial applications. This controller integrates with cloud technology to optimize watering schedules based on local weather data, promoting water conservation and maintaining healthy landscapes. It offers remote management capabilities via smartphone, tablet, or web interface, and provides alerts for maintenance needs.

PRODUCT OVERVIEW VIDEO

This video provides an overview of the Hunter Hydrowise HC Smart Irrigation Controller, highlighting its features, connectivity, and benefits for water management.

SETUP AND INSTALLATION

The Hydrowise HC600I controller is designed for straightforward installation. Ensure the power source is disconnected before beginning any wiring. The controller can be mounted indoors. Once mounted, connect the zone wires, common wire, and any optional sensor wires to the designated terminals. After wiring, connect the controller to your Wi-Fi network to enable smart features and remote access.



Image: Hunter Hydrowise HC600I controller with its internal wiring terminals exposed, showing connections for 24V, sensors, and six zones.

Wiring Connections

- **24V Terminals:** Connect the 24V power supply wires.
- **Sensor 1 & 2:** Connect optional sensors such as a Klik sensor or flow meter.
- **Common:** Connect the common wire from your irrigation valves.
- **Zone 1-6:** Connect individual zone wires to their respective terminals.



Image: Hunter Hydrowise HC600I controller, half blue and half white, mounted on a textured wooden wall, displaying the Hydrowise logo on its screen.

Wi-Fi and App Connection

After physical installation, power on the controller. Follow the on-screen prompts to connect to your home Wi-Fi network. Download the Hydrowise app from your device's app store or access the web interface at hydrowise.com. Create an account and add your controller using the provided serial number. This will enable remote control and smart watering features.

OPERATING INSTRUCTIONS

The Hydrowise HC600I offers flexible operation through its integrated touchscreen and the Hydrowise software. You can manage your irrigation schedules, monitor water usage, and receive alerts from anywhere.

On-Site Control (Touchscreen)

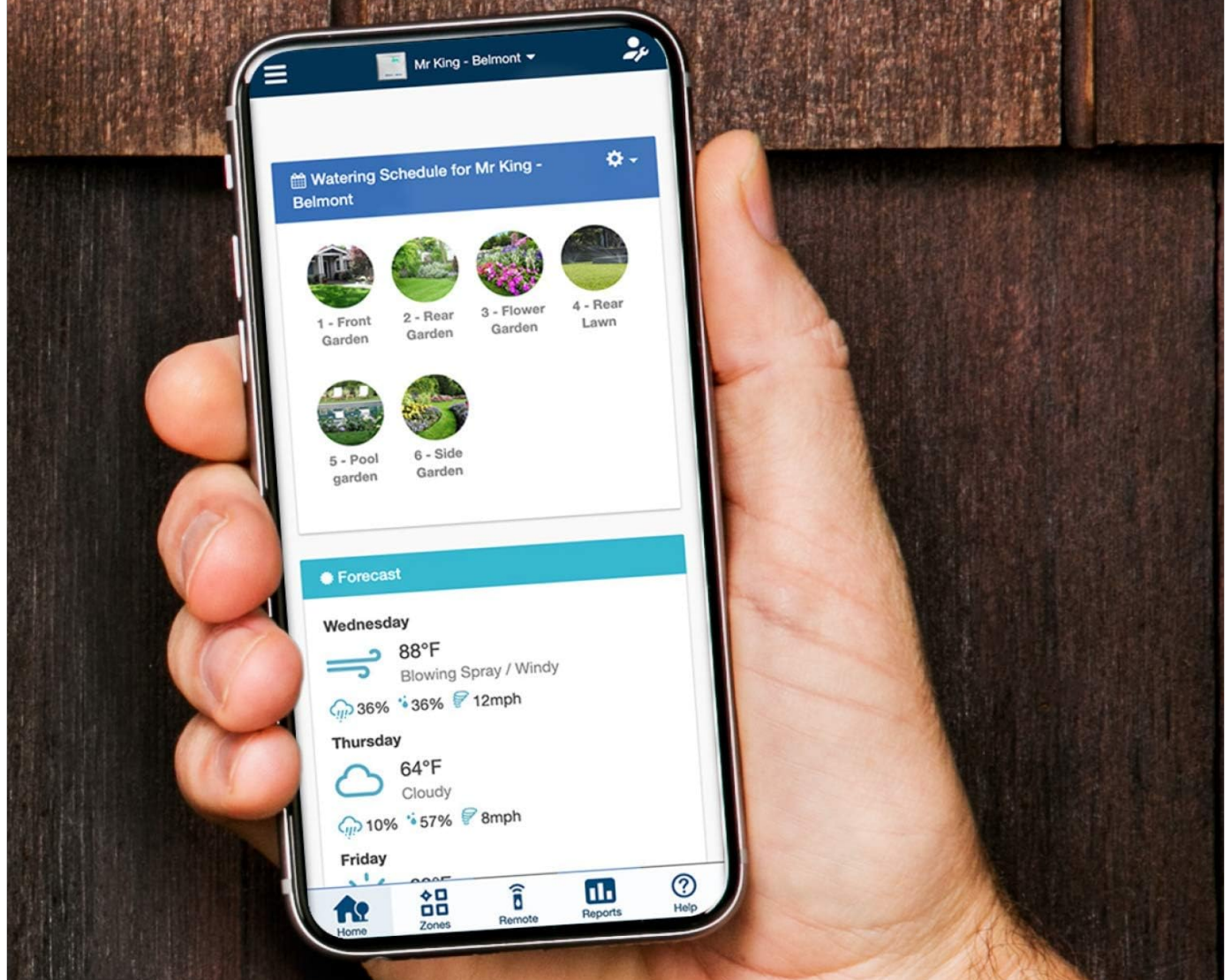


Image: A finger interacting with the touchscreen display of the Hunter Hydrawise HC600I controller, showing a menu with 'Zones', 'Settings', and 'Status' options.

The controller features an easy-to-use touchscreen interface for direct control. Navigate through menus to manually run zones, adjust settings, or view the current status of your irrigation system. This provides convenient control without needing your smart device.

Remote Control (Hydrawise App/Web)



Image: A hand holding a smartphone displaying the Hydrowise app, showing a watering schedule with various zones and a weather forecast.

The Hydrowise software allows you to manage your controller from anywhere using your smartphone, tablet, or computer. The app provides a comprehensive dashboard to:

- View and adjust watering schedules for each zone.
- Monitor real-time weather data and forecasts.
- Access water usage reports and historical data.
- Receive alerts for system issues or maintenance.

Predictive Watering

The Hydrowise system utilizes local weather data, including temperature, rainfall probability, wind, and humidity, to automatically adjust your irrigation schedules. This ensures your landscape receives optimal water while minimizing waste. You can configure predictive watering settings to suspend watering based on specific weather conditions (e.g., high chance of rain, low temperature, high wind speed).

MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your irrigation system. The Hydrowise controller assists in this by providing monitoring capabilities.

Flow Meter Monitoring (Optional)

When paired with an optional flow meter, the system can monitor water usage and detect anomalies such as broken pipes or malfunctioning sprinklers. The controller will send an alert if unusual flow rates are detected, allowing for prompt intervention to prevent water waste and property damage.

Solenoid Valve Monitoring (12-Station Model)

While this is a 6-station model, it's important to note that the 12-station HC Wi-Fi Controller model constantly monitors the electrical current flowing to your solenoid valves. If the current is too high or too low, indicating a potential wiring issue or valve malfunction, the system will alert you, specifying which valve is not operating correctly. This feature helps in proactive maintenance and prevents plant material from suffering due to lack of water.

TROUBLESHOOTING

If you encounter issues with your Hydrowise HC600I controller, refer to the following common troubleshooting steps:

- **No Watering:** Check if the controller is powered on and connected to Wi-Fi. Verify that schedules are active and not suspended due to predictive watering settings (e.g., rain forecast). Inspect wiring connections for loose or corroded terminals.
- **Zone Not Watering:** Check the specific zone's wiring at the controller and at the valve. Ensure the valve is not manually shut off. If a flow meter is installed, check for alerts related to that zone.
- **Wi-Fi Connectivity Issues:** Ensure your Wi-Fi router is functioning correctly and the signal strength at the controller's location is adequate. Try restarting both the controller and your router.
- **Alerts Received:** Address any alerts promptly. For flow meter alerts, inspect the piping system for leaks or breaks. For solenoid valve alerts (if applicable to your model or if a similar issue is suspected), check the valve and wiring for faults.
- **Controller Unresponsive:** Disconnect power to the controller for 30 seconds, then reconnect. If the issue persists, contact Hunter Industries support.

SPECIFICATIONS

Brand	Hunter Industries
Model	HC600I
Number of Stations	6
Voltage	120 Volts (AC)
Material	Plastic
Display Type	LCD or LED
Color	Gray
UPC	611698358122

WARRANTY INFORMATION

For detailed warranty information regarding your Hunter Industries Hydrowise HC600I controller, please refer to the official Hunter

Industries website or the warranty card included with your product. Warranty terms and conditions may vary by region and retailer.

SUPPORT

Should you require further assistance or have questions not covered in this manual, please contact Hunter Industries customer support. You can find contact information and additional resources on the official Hunter Industries website: www.hunterindustries.com.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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