Durablow SH3002D-RH

Durablow SH3002D-RH Dual WiFi Smart Home Gas Fireplace Remote Control User Manual

Product Overview

The Durablow SH3002D-RH is a state-of-the-art dual WiFi (2.4G+5G) smart home remote control system designed for gas fireplaces with millivolt valves or IPI systems. It offers advanced features including thermostat control, programmable schedules, and seamless integration with popular smart home platforms like Amazon Alexa and Google Home, providing convenient and efficient management of your fireplace.



Image: The Durablow SH3002D-RH system components, including the controller, remote, power adapter, and a smartphone showing the control application.

Key Features

- Dual WiFi (2.4G+5G) connectivity for reliable smart home integration.
- Compatible with Smart-Life App for remote control from anywhere.
- Programmable thermostat for energy efficiency and comfort.
- Voice control support for Amazon Alexa, Google Home, and Siri.
- Includes On/Off, Timer, Thermostat, and Remote Transmitter Handset functions.
- Designed for Millivolt gas valves and Electronic spark ignition modules.
- FCC approved.

What's in the Box

- Controller box with engineering plastic housing.
- cUL listed USB power supply adapter (100-240VAC to 5VDC).
- Power cord (length 3.2').
- User manual.
- Thermostat (detachable with 6' wire).
- Transmitter handset.



Image: All components included in the product package.

Setup and Installation

Important Safety Information

Always turn off the main gas supply before performing any installation or maintenance. This device is for **GAS fireplace only** and is NOT a power supply / ignitor unit. It passes voltage from your fireplace thermopile to the valve for safety reasons. If your house is UNATTENDED, do NOT use any remote functions, and DO turn OFF main gas supply.

Wiring for Millivolt Valve Systems

For fireplaces with a millivolt gas valve, connect the controller box to the **TH/TP** and **TH** terminals on the gas valve. The thermopile/pilot light generates the necessary voltage. Ensure connections are secure.

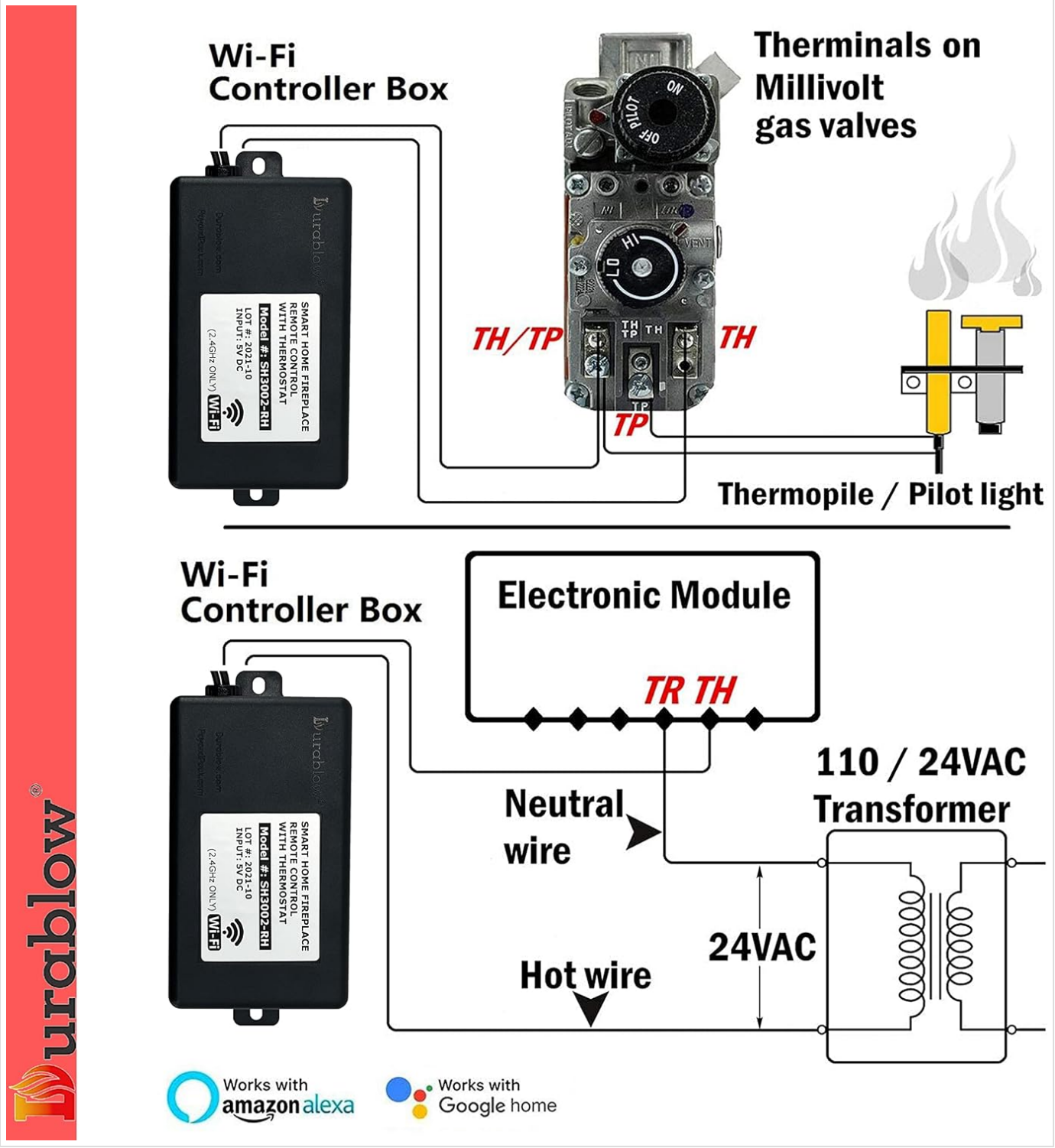


Image: Wiring diagram for both Millivolt and Electronic Module systems.



Image: Detailed view of a Thermopile and Pilot light.



Image: Close-up of a Millivolt gas valve terminals.

Wiring for Electronic Spark Ignition Modules (IPI)

For fireplaces with an Electronic Spark Ignition (IPI) module, connect the controller box to the **TR TH** terminals. This setup typically involves a 110 / 24VAC transformer. Refer to your fireplace's specific wiring diagram for precise connections.

Connecting to Specific Control Modules

The Durablow remote control is compatible with various fireplace control modules. Below are diagrams for common module types.

IPI-6000 Control Module

Connect the Durablow remote control to fireplaces using control modules such as 9800322, 9800336, 9800329, SKY-1001, SKY-1410, SKY-CON, 1315G, SKY-5001, SKY-5010, 3301, 300, SKY-5301, SKY-5310, 593-592, GM-6KA, IPI-6000, SRV593-592, 350-M, IMP-1, J5760, J7728. Follow the wiring instructions provided in the diagram.

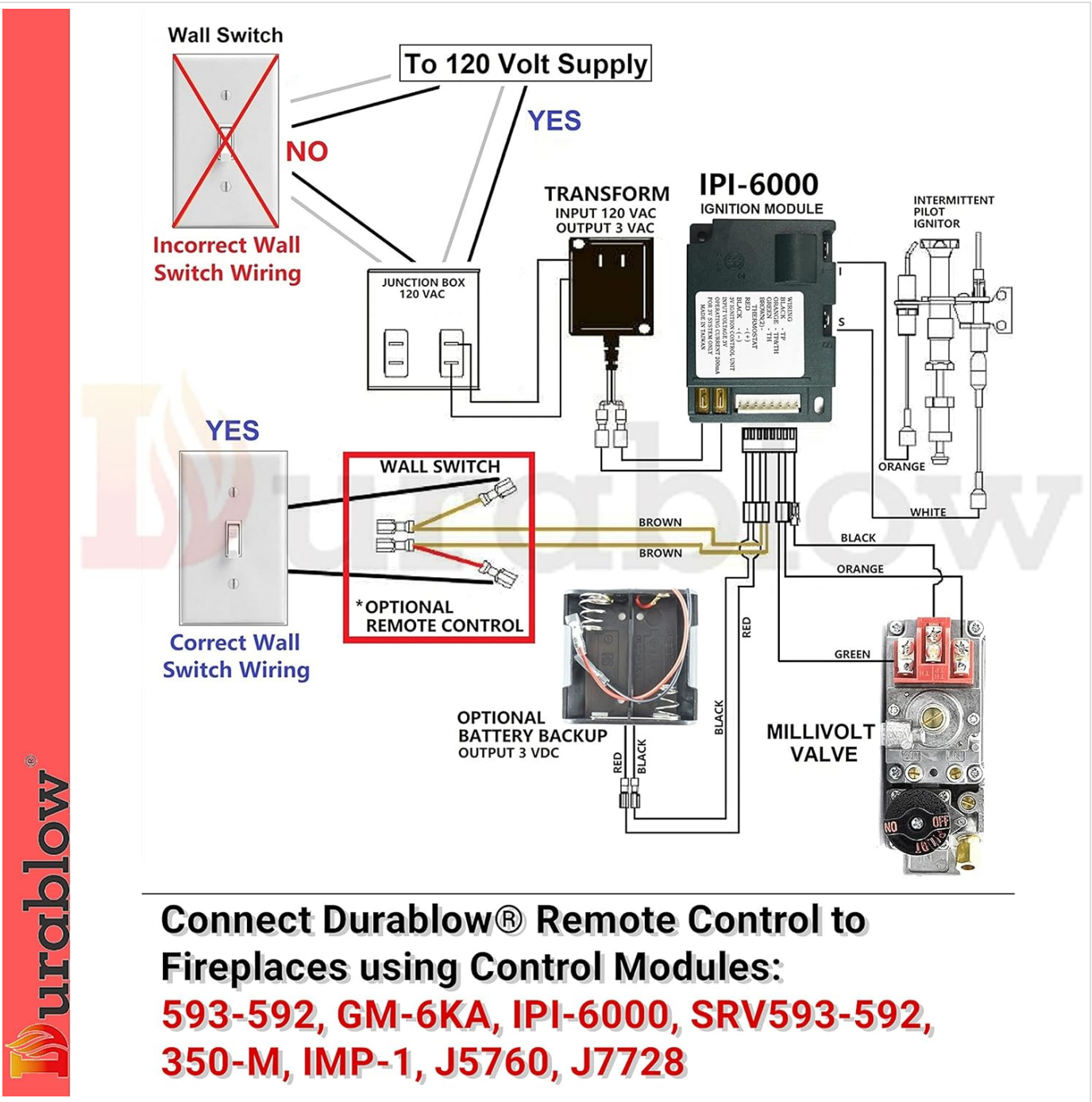


Image: Wiring diagram for IPI-6000 and similar control modules.



Image: The IPI-6000 control module.

SIT Control Module

For fireplaces utilizing a SIT Control Module, ensure proper connection to the ON/OFF and GROUND terminals as indicated in the diagram. Pay attention to DFC and DC supply connections.

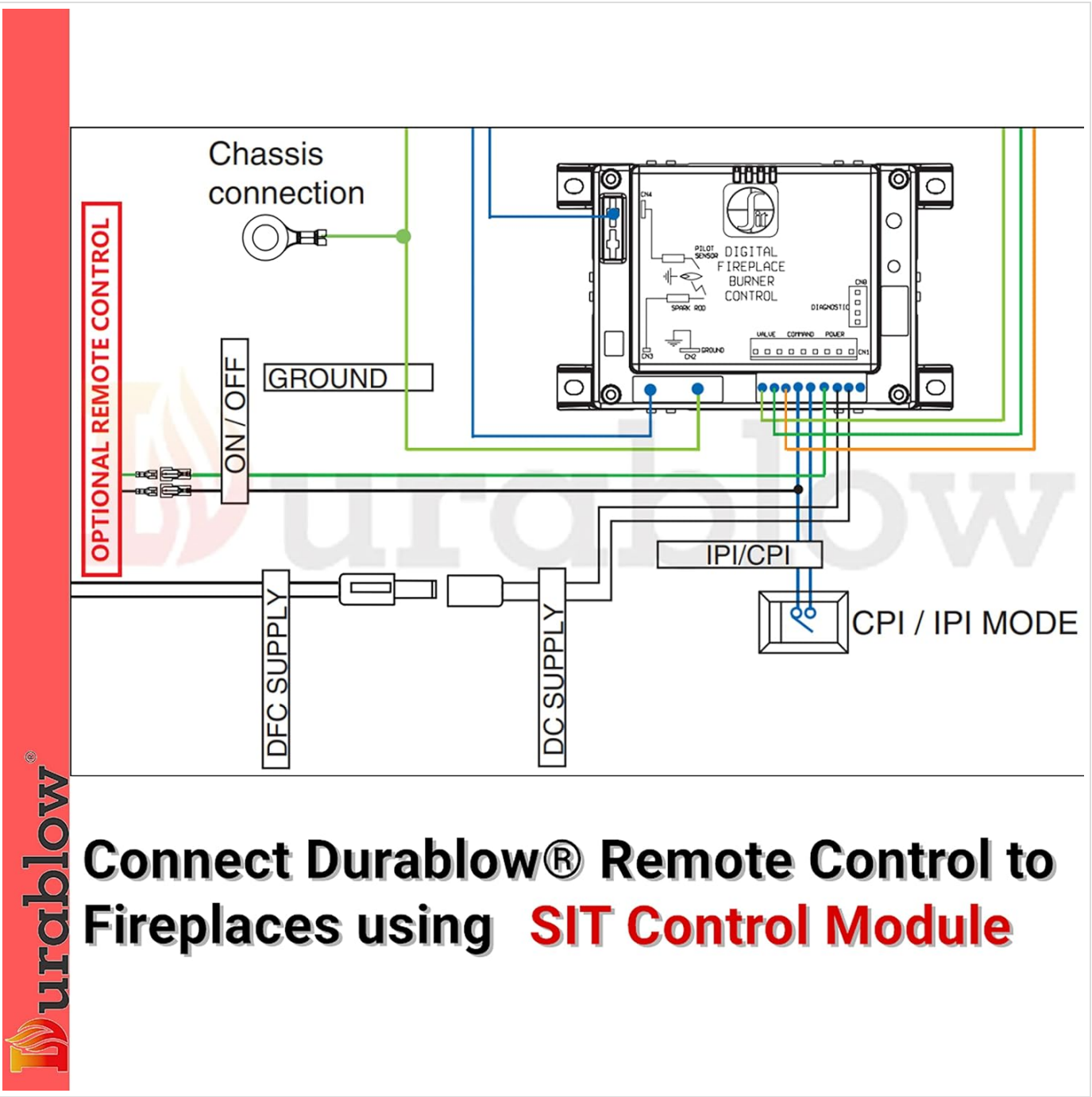


Image: Wiring diagram for SIT Control Module.

Initial Power-Up and App Pairing

After wiring, plug in the cUL listed USB power supply adapter to the controller box. Download the free **Smart-Life App** from your device's app store. Follow the in-app instructions for quick pairing. The app will guide you through connecting the controller to your dual-band WiFi network (2.4GHz and 5GHz supported).

Pairing the Remote Transmitter Handset

To pair the included ON/OFF transmitter handset, refer to the detailed instructions in the physical user manual. This process typically involves pressing a pairing button on the controller box and then activating the handset within a specific timeframe.

Operating Instructions

Smart-Life App Control

The Smart-Life App provides comprehensive control over your fireplace. You can turn the fireplace ON/OFF, adjust thermostat settings, and create custom schedules from anywhere. The app interface displays current temperature and flame status.



Image: Smart-Life App user interface for fireplace control.

Timer and Schedule Functions

Utilize the 'Timer' function for automatic ON/OFF control after a set duration. The 'Schedule' feature allows you to program daily or weekly heating schedules, optimizing comfort and energy savings. You can set specific temperatures for different

times of the day.

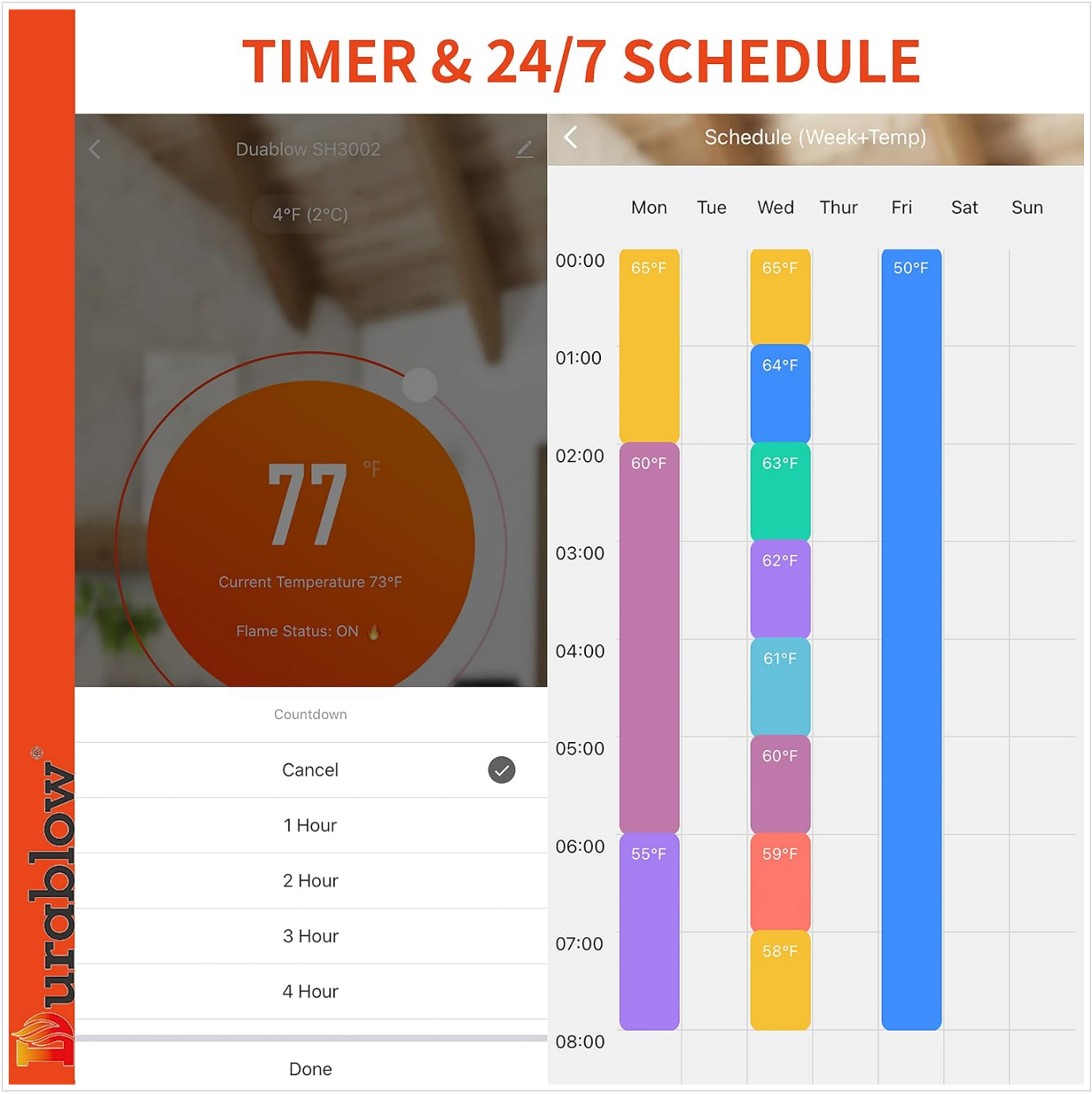


Image: Smart-Life App Timer and Schedule functions.

Voice Control Integration

The Durablow SH3002D-RH is compatible with Amazon Alexa, Google Home, Samsung SmartThings, and Siri. Once integrated, you can control your fireplace using simple voice commands, such as "Alexa, turn on the fireplace" or "Hey Google, set fireplace temperature to 70 degrees".



Image: Woman using voice control to operate the fireplace.

Maintenance

To ensure optimal performance and longevity of your Durablow Smart Home Gas Fireplace Remote Control, follow these maintenance guidelines:

- Keep the controller box away from temperatures exceeding 130°F (54°C).
- Regularly check the wiring connections for any signs of wear or damage.
- If using batteries in the remote handset, strongly recommend Energizer Lithium Batteries. Any corrosion caused by battery leaks will be considered improper use and may void the warranty.
- Keep the thermostat wire and sensor clean and free from obstructions to ensure accurate temperature readings.
- Periodically clean the exterior of the controller and handset with a soft, dry cloth. Do not use abrasive cleaners or solvents.

Troubleshooting

If you encounter issues with your Durablow SH3002D-RH, refer to the following table for common problems and solutions.

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Fireplace does not turn ON/OFF via app or remote.	No power to controller; Incorrect wiring; App not connected to WiFi; Remote handset not paired; Gas supply off.	Check power adapter connection; Verify wiring according to diagrams; Ensure controller is connected to WiFi (2.4G/5G); Re-pair remote handset; Confirm main gas supply is ON.
Thermostat not reading accurately.	Thermostat wire damaged or improperly placed; Sensor obstructed.	Ensure thermostat wire is securely connected and not damaged; Place thermostat in an area free from direct heat sources or drafts for accurate room temperature monitoring.
Voice control not working.	Incorrect smart home integration setup; Device not recognized by Alexa/Google Home.	Verify Smart-Life App is linked to your Alexa/Google Home account; Ensure the device is named appropriately in the Smart-Life App and recognized by your voice assistant.
Controller box overheating.	Improper placement near heat source.	Relocate the controller box to an area where temperatures do not exceed 130°F (54°C).

Product Specifications

Feature	Detail
Brand	Durablow
Model Name	TR_SH_Series
Model Number	SH3002D-RH
Product Dimensions	5"D x 5"W x 5"H
Item Weight	8 ounces
Color	Black
Material	Smart Home Functions
Power Source	Battery Powered (for handset), USB Power Supply (for controller)
Voltage	100-240VAC (adapter input), 5VDC (controller input)
Connectivity Technology	Wi-Fi (2.4GHz & 5GHz), Bluetooth
Control Method	App, Remote, Voice
Controller Type	Hand Control, Google Assistant, Amazon Alexa, SmartThings, iOS
Specific Uses	Gas Fireplace Remote Control, Millivolt Gas Valve, IPI Control Module
Mounting Type	Under Fireplace

Feature	Detail
Backlight	Yes (on some variants)

Warranty and Support

Durablow products are designed for reliability and performance. For specific warranty details and technical support, please refer to the warranty card included with your product or visit the official Durablow website. For any issues not covered in this manual, please contact Durablow customer service.

Legal Disclaimer: The brand name and model number (if provided) are included solely for cross-reference purposes. All Brands, Trademarks & Model Numbers remain the property of their respective owners.

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question