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Durablow IPI-6000, SH3001-RH

Durablow IPI-6000 Pilot Ignition Control Module and SH3001-RH WiFi Smart Home Remote Control User Manual

Models: IPI-6000, SH3001-RH

Safety Information

- If your house is UNATTENDED, do NOT use any remote functions, and DO turn OFF main gas supply.
- Verify your old module is faulty before ordering a replacement.
- If using a solenoid gas valve, its power supply must be connected IN-SERIES with the controller's two wires.
- Strongly recommend Energizer Lithium Batteries for any battery-powered components. Corrosion caused by battery leaks will be considered improper use.
- Professional installation is recommended for all gas appliance components.

Product Overview

IPI-6000 Pilot Ignition Control Module

The Durablow IPI-6000 is an electronic pilot ignition control module designed for intermittent pilot operation in both LP (Liquid Propane) and NG (Natural Gas) fireplaces. This module serves as a direct replacement for various OEM parts and is compatible with a wide range of fireplace brands.

Image: Top view of the Durablow IPI-6000 Pilot Ignition Control Module. The module features a label detailing wiring connections for TP (Black), TP&TH (Orange), TH (Green), Thermostat (Brown), and battery connections (Red for positive, Black for negative). It specifies a 3V input voltage and 200mA operating current, suitable for 3V systems only, and is marked 'Made in Taiwan'.

SH3001-RH WiFi Smart Home Remote Control

The SH3001-RH is a WiFi-enabled smart home remote control system that provides convenient control over your fireplace. It allows operation via a dedicated mobile application or the included transmitter handset. This system operates on a 2.4GHz WiFi network and does not require an additional hub.

Image: The Durablow SH3001-RH WiFi Smart Home Remote Control bundle. It includes the main black control box labeled 'SMART HOME FIREPLACE REMOTE CONTROL WITH THERMOSTAT Model #: SH3001-RH', a power adapter, and a small white remote control handset. The packaging box for the smart control is also visible.

Specifications

IPI-6000 Module

- **Input Voltage:** 3V only
- **Operating Current:** 200mA (for 3V systems only)
- **Operation Type:** Intermittent Pilot Ignition (IPI)
- **Fuel Compatibility:** LP (Liquid Propane) & NG (Natural Gas) fireplaces
- **OEM Cross-Reference:** 593-592, GM-6KA, 350-M, 6K, H4674, IMP-1, J5760, J7728, SRV593-592, W190-0015, W190-0022, 112118-01, 122118-01, 5030.02, IPI-6000
- **Origin:** Made in TAIWAN

SH3001-RH WiFi Remote Control

- **Input Voltage:** 5V DC
- **WiFi Frequency:** 2.4GHz (5G not supported)
- **App Compatibility:** Smart-Life App
- **Includes:** Durable aluminum housing controller box, cUL listed universal power supply adapter (100-240VAC to 5VDC), power cord (3.2'), WiFi antenna, user manual, transmitter handset.
- **Controller Box Dimensions:** Approximately 4.13" (105mm) Length x 2.36" (60mm) Width x 0.91" (23mm) Height

Image: A diagram illustrating the physical dimensions of the SH3001-RH Smart Home Fireplace Remote Control box. The measurements are shown as 4.13 inches (105mm) for length, 2.36 inches (60mm) for width, and 0.91 inches (23mm) for height.

Installation

This section provides general guidance for installing the IPI-6000 module and SH3001-RH remote control. For safety and proper function, professional installation is highly recommended. Always ensure the main gas supply is OFF before beginning any installation or wiring procedures.

IPI-6000 Module Wiring

The IPI-6000 module is designed for integration with Millivolt gas valves and electronic spark ignition systems. Carefully refer to the provided wiring diagrams to ensure correct and secure connections.

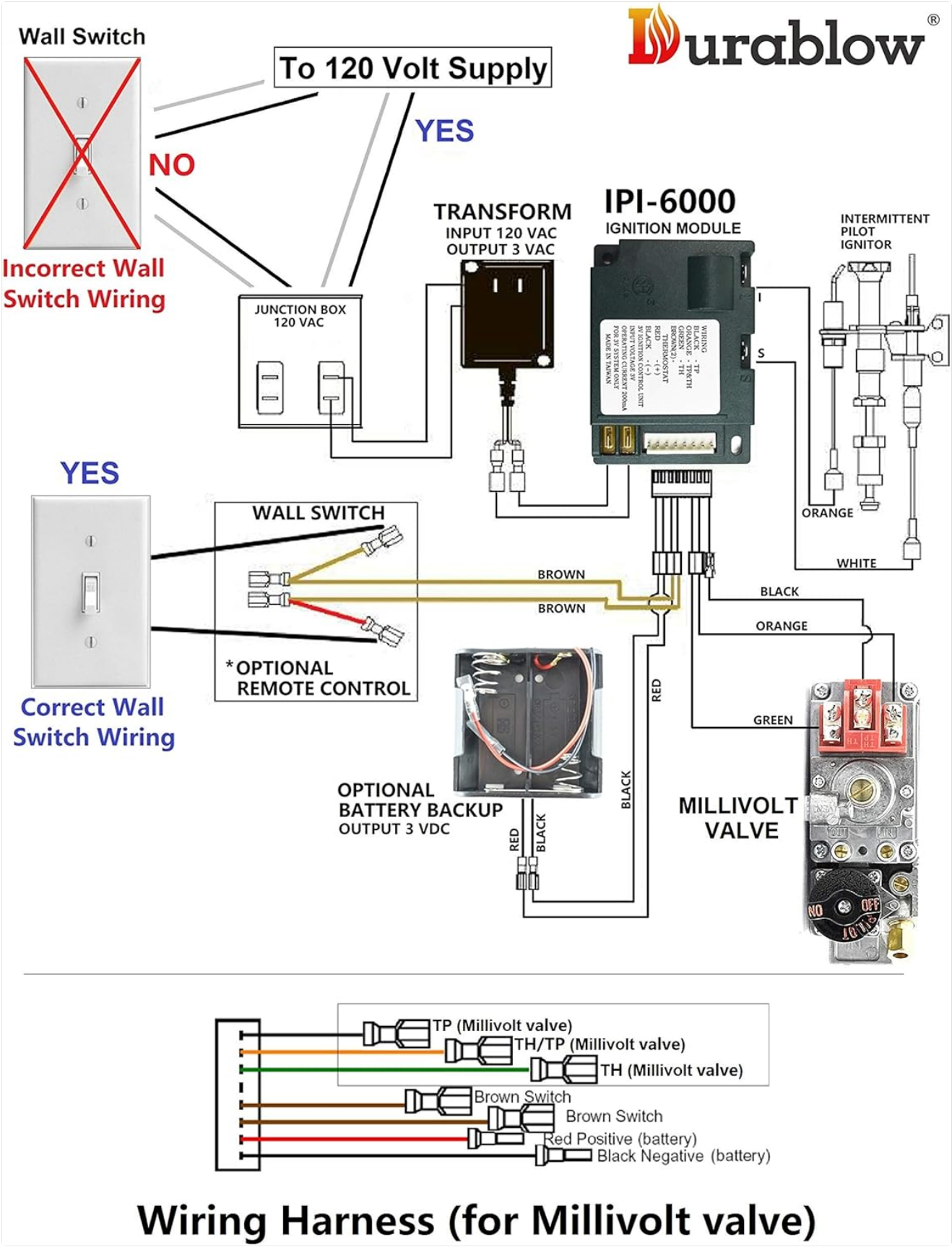

Image: A comprehensive wiring diagram for the Durablow IPI-6000 Ignition Module when used with a Millivolt Valve. It details connections from a 120 Volt supply, including a transformer (120 VAC input, 3 VAC output), the IPI-6000 module, an intermittent pilot ignitor, and the Millivolt valve. Optional components like a wall switch, remote control, and 3 VDC battery backup are also shown. An inset diagram illustrates the specific wiring harness for the Millivolt valve, identifying terminals for TP, TH/TP, TH, Brown Switch, Red Positive (battery), and Black Negative (battery).

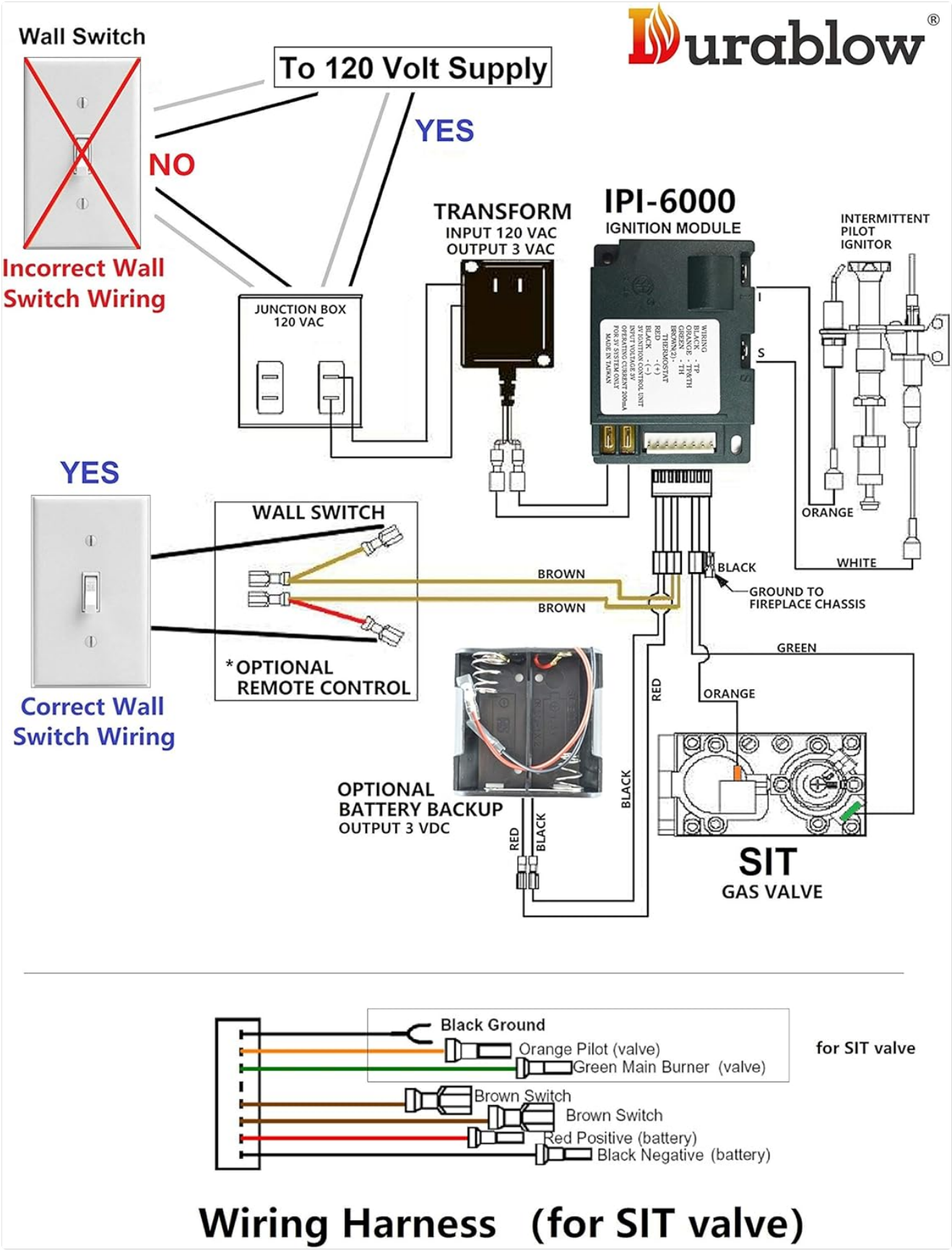

Image: A comprehensive wiring diagram for the Durablow IPI-6000 Ignition Module when used with a SIT Gas Valve. It details connections from a 120 Volt supply, including a transformer (120 VAC input, 3 VAC output), the IPI-6000 module, an intermittent pilot ignitor, and the SIT gas valve. Optional components like a wall switch, remote control, and 3 VDC battery backup are also shown. An inset diagram illustrates the specific wiring harness for the SIT valve, identifying terminals for Black Ground, Orange Pilot (valve), Green Main Burner (valve), Brown Switch, Red Positive (battery), and Black Negative (battery).

Note: Essential components such as the wiring harness, power supply, pilot assemblies, and Millivolt valve are typically NOT included with the IPI-6000 module unless explicitly stated as part of a bundle.

SH3001-RH WiFi Remote Control Wiring

The SH3001-RH controller box integrates with your fireplace's millivolt gas valve or electronic module. Ensure the power adapter is connected correctly to provide the necessary 5V DC input.

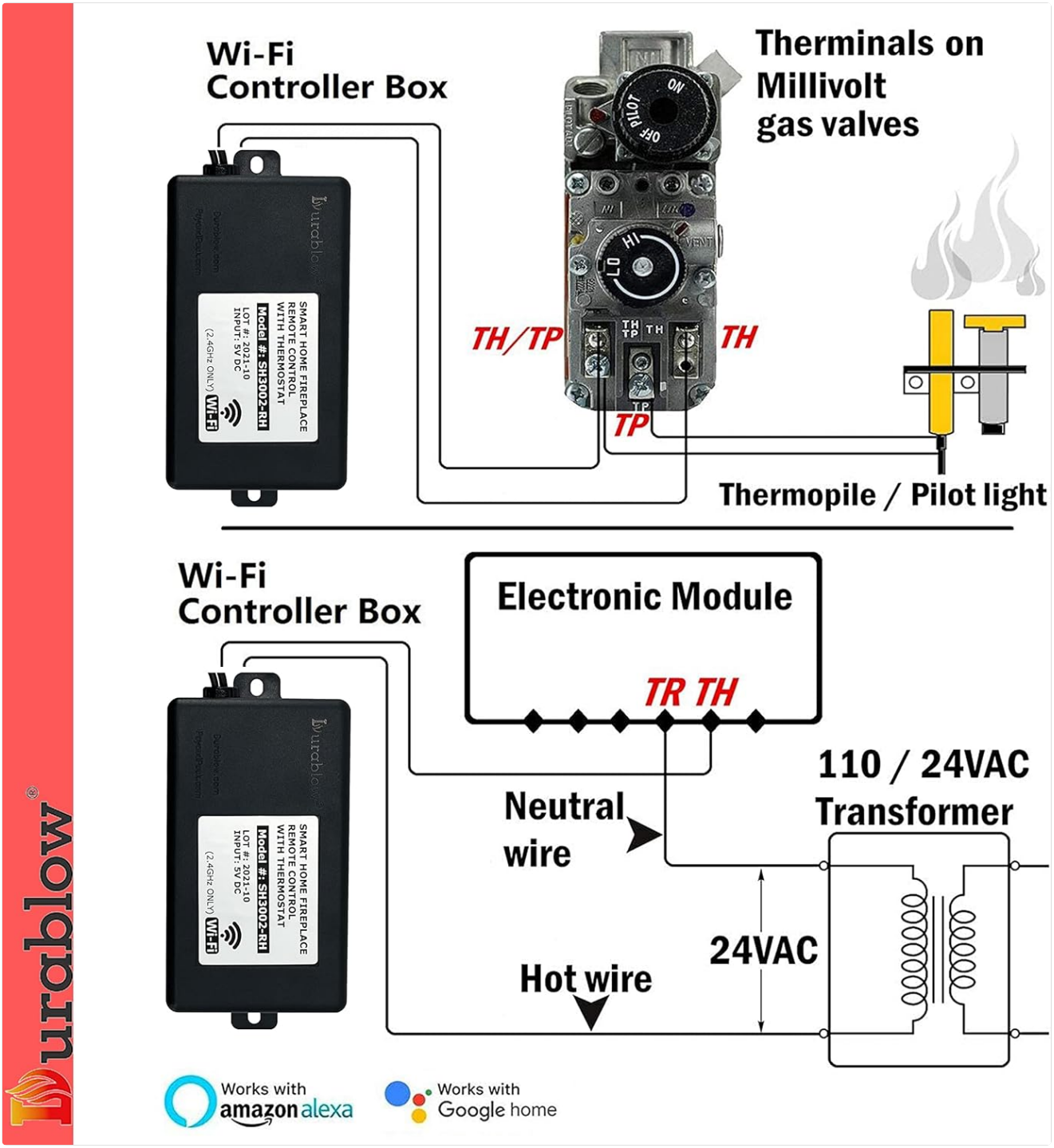

Image: Two wiring diagrams illustrating how to connect the Durablow Wi-Fi Controller Box (SH3001-RH). The top diagram shows the controller box connected to the TH/TP and TP terminals on a Millivolt gas valve, which also connects to a Thermopile/Pilot light. The bottom diagram shows the controller box connected to the TR TH terminals of an Electronic Module, which is powered by a 110/24VAC transformer with hot and neutral wires.

Setup

Smart-Life App Installation and Pairing

1. Download the free Smart-Life App from your mobile device's app store (available for iOS and Android).
2. Ensure your home WiFi network is operating on the 2.4GHz frequency band. 5GHz networks are not supported by this device.
3. Follow the intuitive in-app instructions for simple installation and pairing of your SH3001-RH device.

4. Once successfully paired, you will be able to control your fireplace remotely from anywhere with an internet connection.

Transmitter Handset Setup

The included transmitter handset provides basic On/Off control functionality. Refer to the handset's specific instructions for battery installation and any necessary pairing procedures, if applicable.

Operation

Using the Smart-Life App

- **Remote Control:** Turn your fireplace ON or OFF from your mobile device.
- **Scheduling:** Set Timers or Schedules to automate fireplace operation at specific times.
- **Scenes:** Create personalized Scenes to combine fireplace control with other smart home devices.
- **Family Sharing:** Share control of the fireplace with other family members through the app.

Using the Transmitter Handset

- Press the **ON** button to activate the fireplace.
- Press the **OFF** button to deactivate the fireplace.

Maintenance

- Regularly inspect all wiring connections to ensure they are secure and show no signs of wear or damage.
- Keep both the IPI-6000 module and the SH3001-RH controller clean and free from dust, debris, or moisture.
- If using battery backup for the IPI-6000, replace batteries periodically with Energizer Lithium Batteries to prevent potential corrosion and ensure reliable operation.
- For the SH3001-RH, ensure the power adapter is securely connected and the WiFi antenna is unobstructed to maintain optimal signal strength.

Troubleshooting

IPI-6000 Module Issues

- **Fireplace does not ignite:**
  - Verify the 3V input voltage to the module.
  - Confirm all wiring connections (TP, TH, Thermostat, battery) are correct, secure, and undamaged.
  - Ensure the pilot assembly is clean and functioning properly.
  - Check that the main gas supply to the fireplace is turned ON.
  - If the module is suspected to be faulty, it is crucial to verify its condition before attempting a replacement.

SH3001-RH WiFi Remote Control Issues

- **Device not connecting to WiFi:**
  - Ensure your wireless router is broadcasting a 2.4GHz WiFi signal. 5GHz networks are not compatible.
  - Check the WiFi antenna connection on the controller box for security.
  - Verify that the controller box is powered on and receiving its 5V DC input.
  - Try restarting your wireless router and then the SH3001-RH controller.

- Attempt to re-pair the device through the Smart-Life App's setup process.

- **App control not working:**
  - Confirm that the SH3001-RH is successfully connected to your WiFi network and paired with the Smart-Life App.
  - Check your mobile device's internet connection.
  - Ensure the Smart-Life App is updated to its latest version.

- **Transmitter handset not working:**
  - Check and replace the batteries in the handset if necessary.
  - Ensure the handset is within the effective operating range of the SH3001-RH controller.

Warranty and Support

For detailed warranty information, technical assistance, or customer support, please contact Durablow directly. Refer to your product packaging or the official Durablow website for current contact details.

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This product has received FCC approval, indicating compliance with electromagnetic interference standards.

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