Honeywell Home X8S

Honeywell Home X8S Smart Thermostat User Manual

Model: X8S (X8VMC9W/W)

1. INTRODUCTION

The Honeywell Home X8S Smart Thermostat with Room Sensor is designed to provide advanced climate control and enhanced home comfort. This manual provides instructions for installation, operation, and maintenance of your X8S thermostat and its accompanying room sensor.
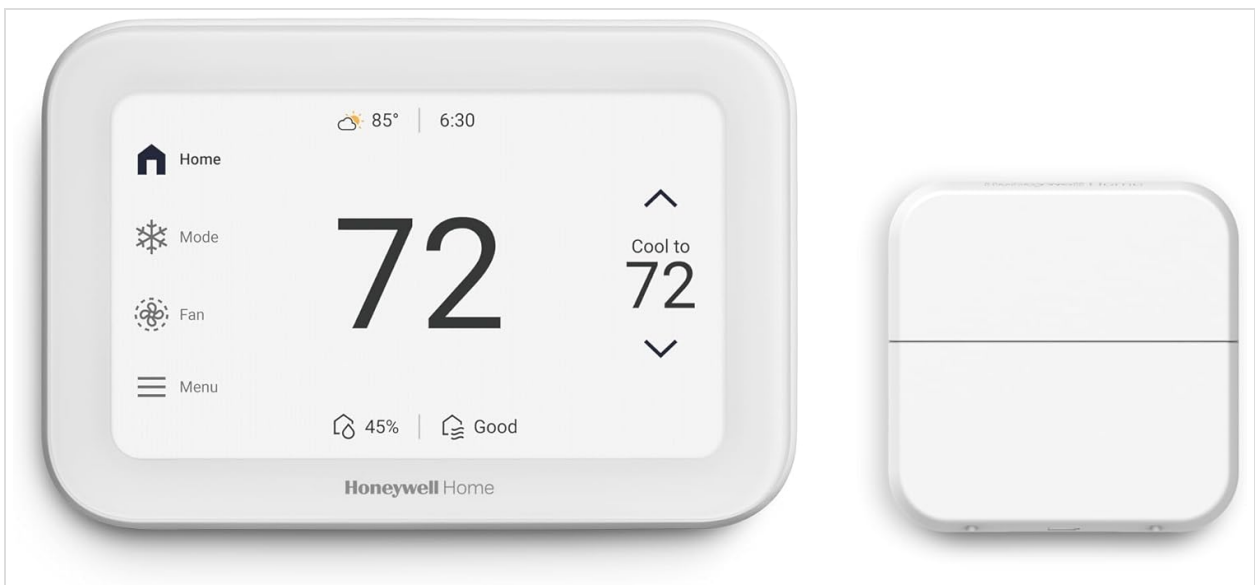

Image: The Honeywell Home X8S Smart Thermostat, featuring a digital display showing temperature and settings, alongside its wireless room sensor.

2. SAFETY INFORMATION

Please read and understand all safety instructions before installing or operating this device. Failure to follow these instructions may result in property damage, injury, or death.

- Always turn off power at the circuit breaker before installing or servicing the thermostat.

- Installation should be performed by a qualified technician if you are unsure about any steps.
- Do not use this thermostat with electric baseboard heat (120-240V) systems.
- Ensure all wiring connections are secure and comply with local electrical codes.

3. PACKAGE CONTENTS

Verify that all components are present in your package:

- Honeywell Home X8S Smart Thermostat
- Wireless Room Sensor
- UWP Mounting Plate
- Screws and Anchors
- Wire Labels
- Quick Start Guide
- User Guide (this document)
- Thermostat ID Card
- Voucher for Honeywell Home C-Wire Adapter (if C-wire is not present in your system)

4. SETUP AND INSTALLATION

The X8S thermostat is designed for straightforward installation. Follow these general steps:

1. **Power Off:** Turn off power to your HVAC system at the circuit breaker.
2. **Remove Old Thermostat:** Carefully remove your old thermostat from the wall. Take a picture of the wiring for reference.
3. **Install UWP Mounting Plate:** Mount the Universal Wiring Plate (UWP) to the wall using the provided screws and anchors.
4. **Wire the Thermostat:** Connect the wires from your HVAC system to the appropriate terminals on the UWP. A C-wire is required for operation. If your system lacks a C-wire, use the included voucher to obtain a Honeywell Home C-Wire Adapter.
5. **Mount the X8S Thermostat:** Snap the X8S thermostat onto the UWP.
6. **Power On:** Restore power to your HVAC system.
7. **Initial Setup:** Follow the on-screen prompts to configure your thermostat, including Wi-Fi connection and system type.

System Compatibility: The X8S works with up to 3 heat/2 cool heat pump systems with electric backup or 2 heat/2 cool conventional systems, hot water heat, and forced air (gas, oil, or electric). It is not compatible with electric baseboard heat (120-240V).
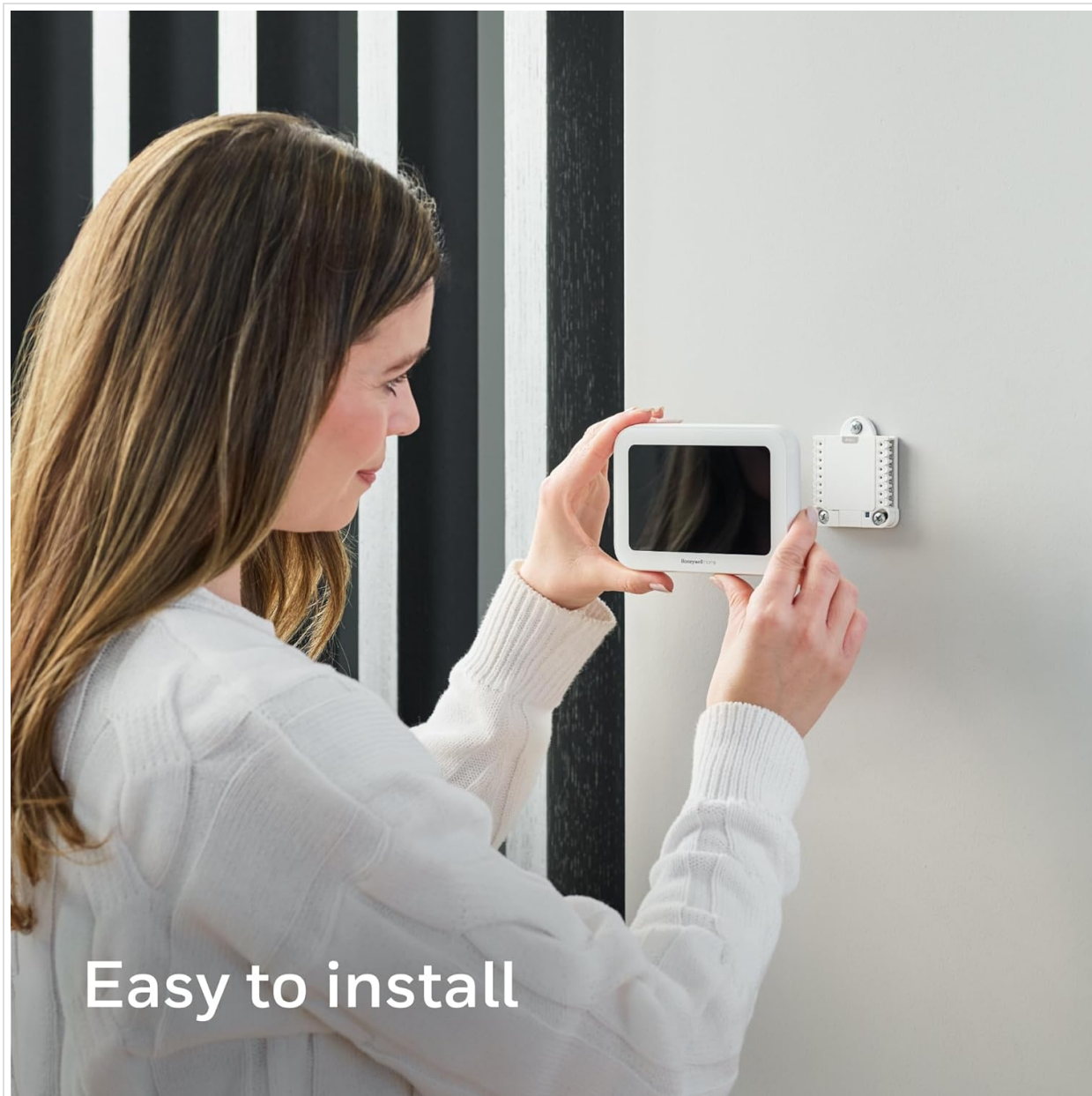
Image: A woman demonstrates the easy installation process of the Honeywell Home X8S Smart Thermostat onto its wall-mounted base plate.

5. OPERATING INSTRUCTIONS

5.1 Customizable Touchscreen Display

The X8S features a sleek 5-inch touchscreen display. You can customize the color and style of the idle screen to match your home's aesthetic. Navigate through menus by tapping the screen.
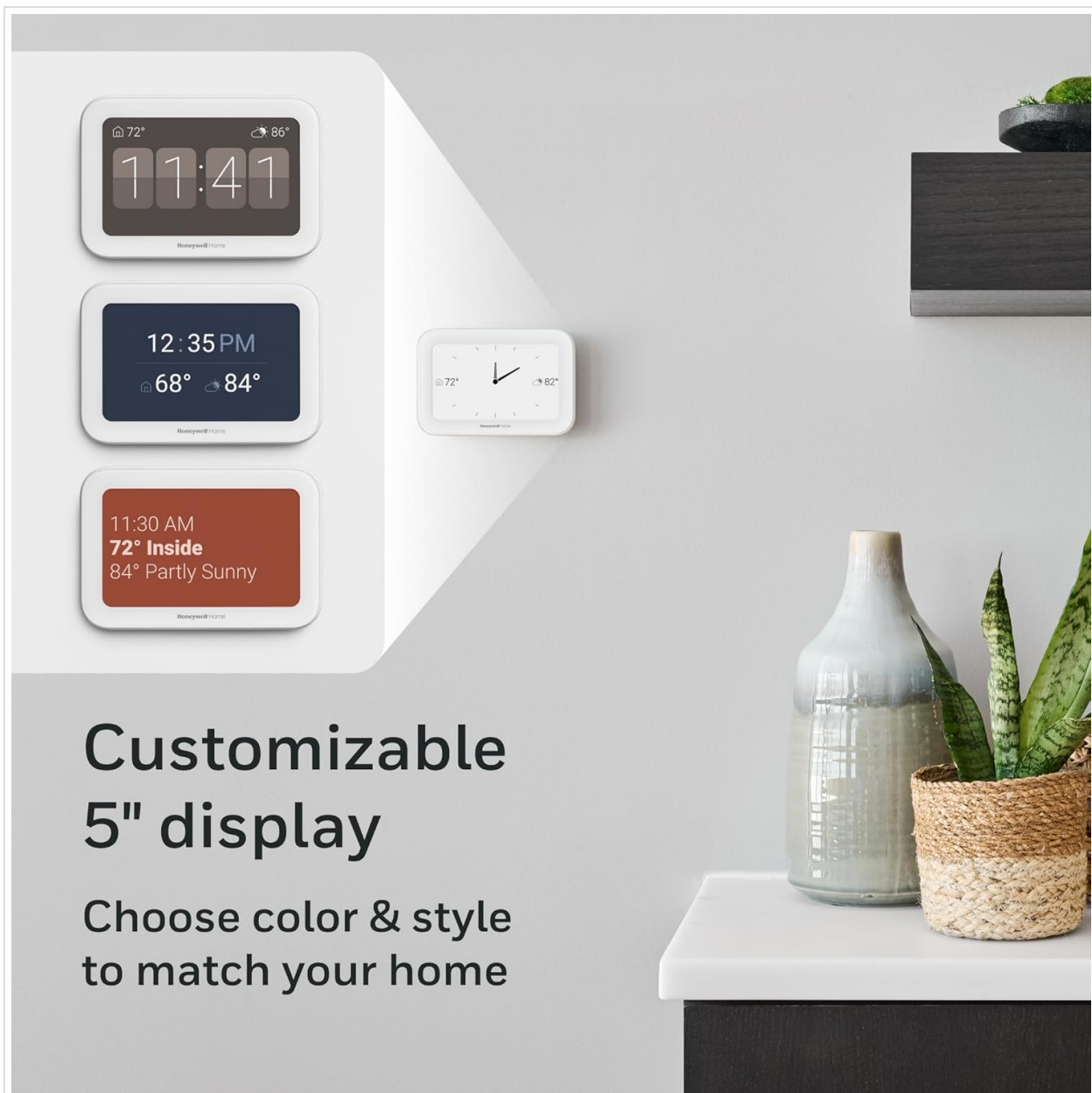
Image: Examples of the customizable 5-inch display, showing various color schemes and information layouts.

5.2 Doorbell Camera View & Intercom

The thermostat is compatible with First Alert VX1 and Ring streaming doorbells (sold separately). This feature allows you to see and speak to visitors directly from your thermostat's display.
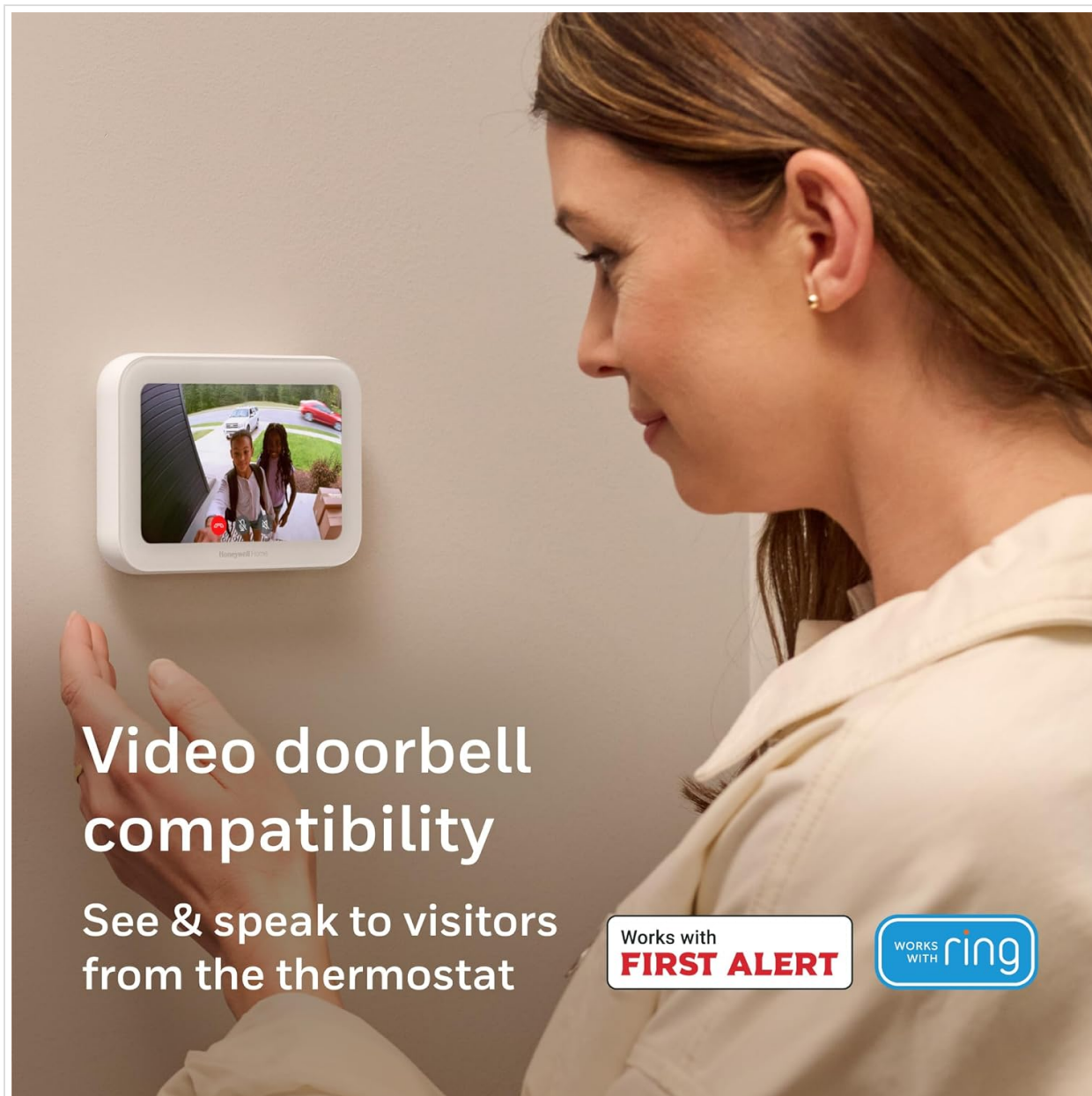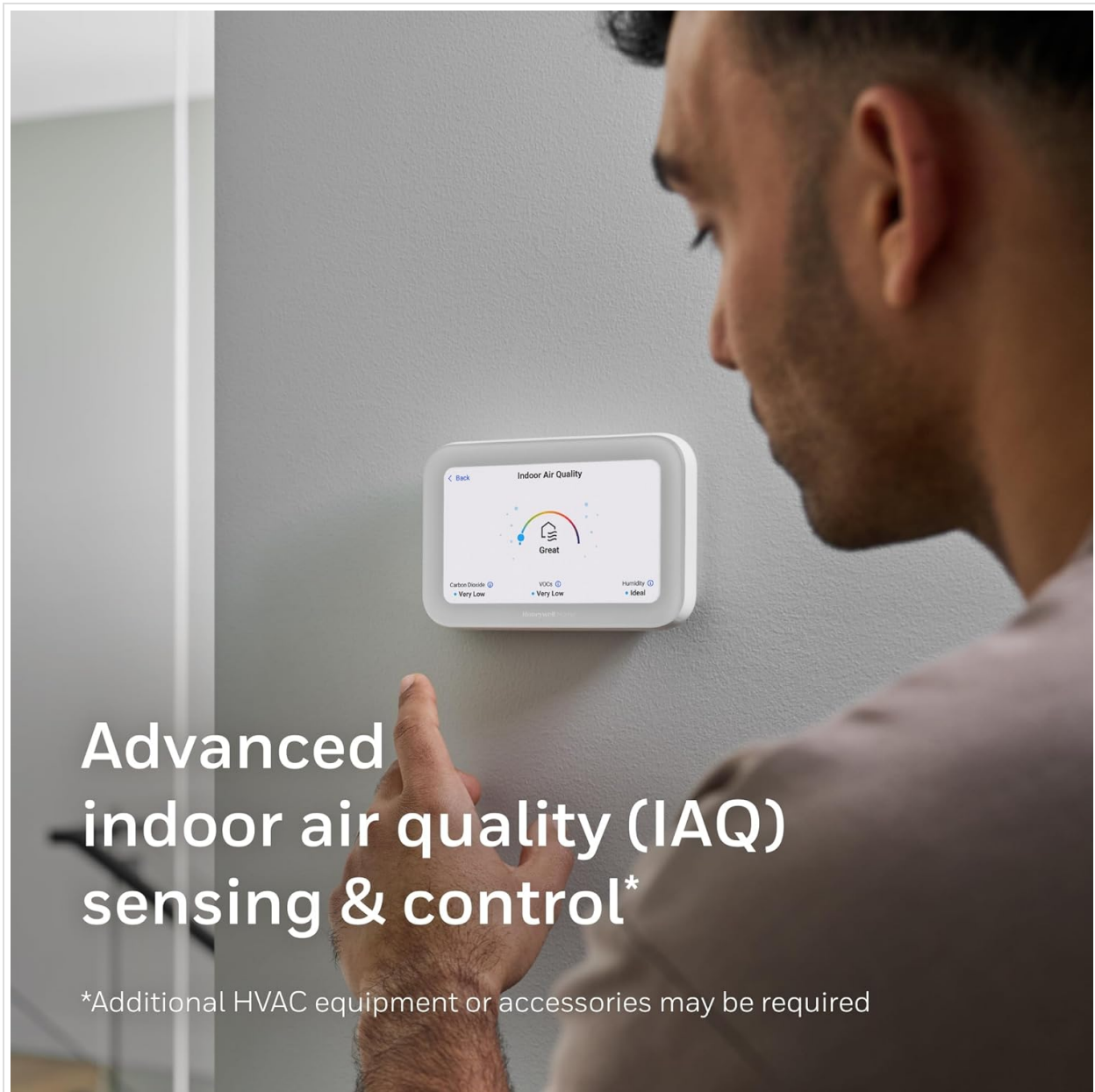
Image: A woman viewing a live video feed from a doorbell camera on the thermostat screen, demonstrating the doorbell compatibility feature.

5.3 Precision Comfort & Indoor Air Quality (IAQ) Control

The X8S monitors and helps maintain optimal indoor air quality by controlling humidity and ventilation. Additional HVAC equipment or accessories may be required for full IAQ control functionality.
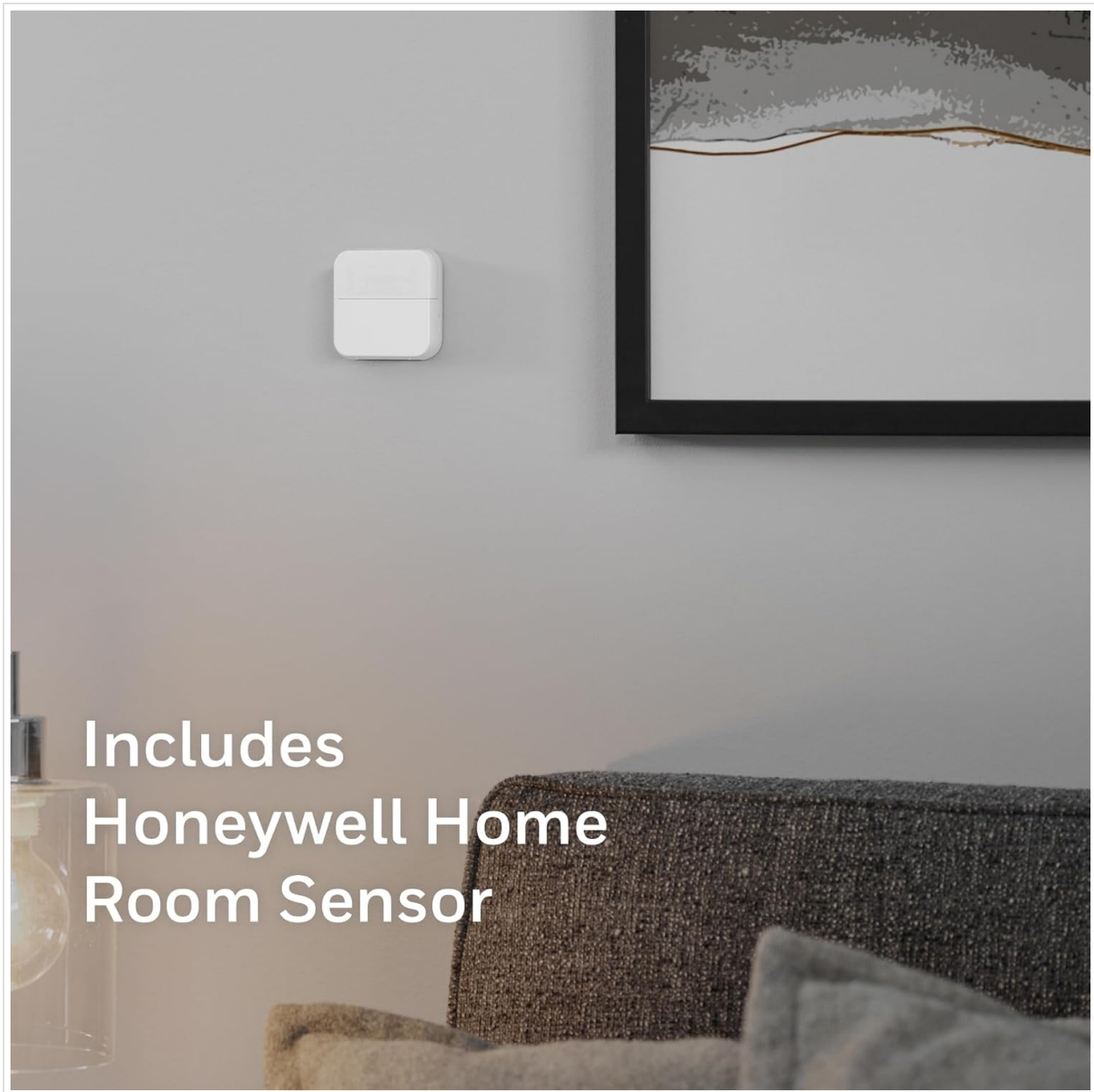
Image: A man interacting with the thermostat's display, which shows an 'Indoor Air Quality' screen with indicators for Carbon Dioxide, VOCs, and Humidity levels.

5.4 Advanced Occupancy & Presence Detection with Room Sensor

The thermostat senses occupancy and presence to adjust settings for maximum comfort when you are home and to save energy when you are away. The included wireless Room Sensor provides more targeted comfort control, allowing you to prioritize specific living areas by day and bedrooms by night. Sensors have an extended range of up to 200ft and can be self-standing or adhered to a wall.

Image: A small, white, square Honeywell Home Room Sensor discreetly mounted on a wall in a modern living space.
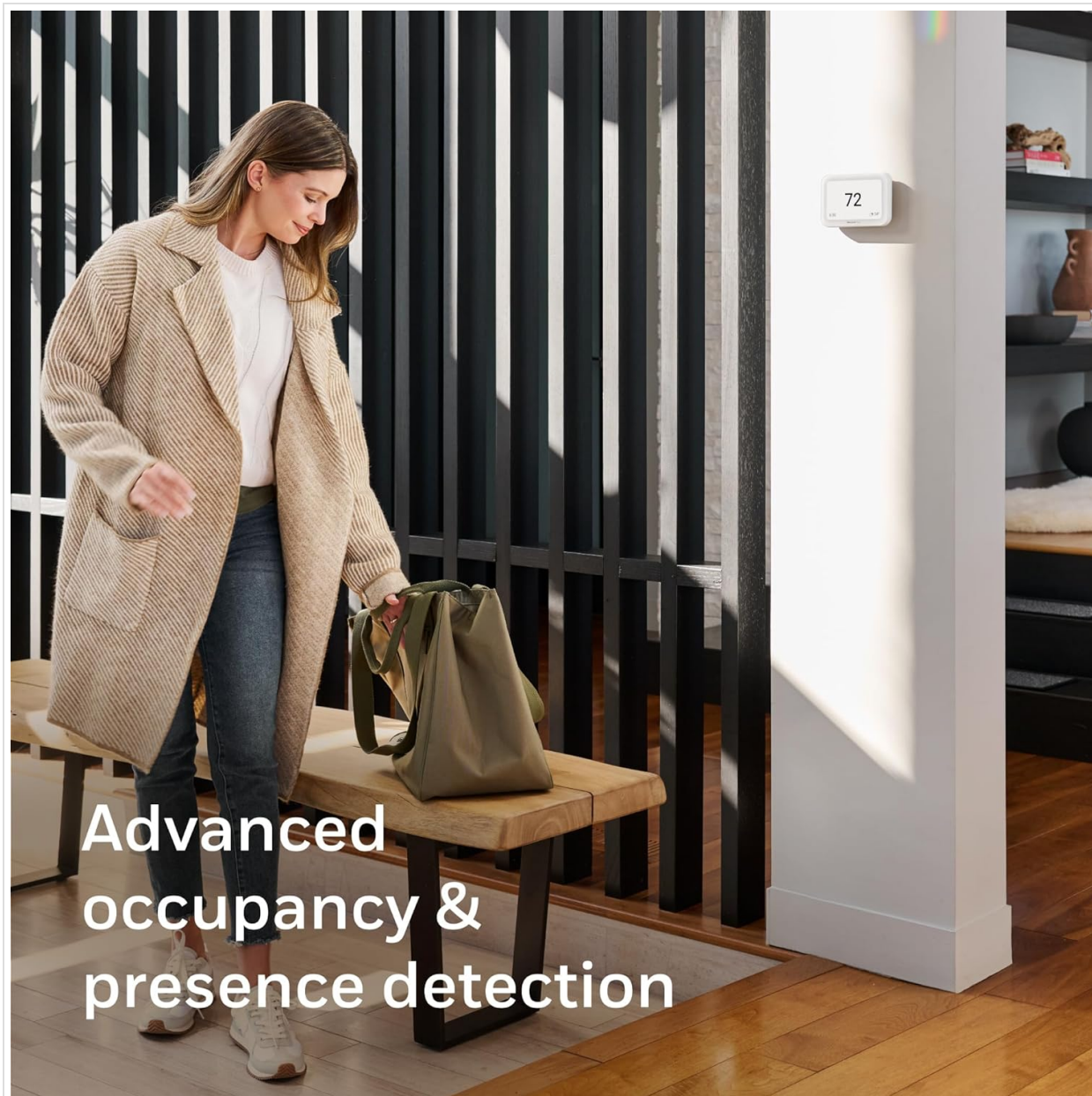
Image: A woman entering a room, illustrating the thermostat's advanced occupancy and presence detection capabilities.

6. CONNECTIVITY AND SMART HOME INTEGRATION

6.1 Wi-Fi Connectivity

The X8S requires a 2.4 or 5.0 GHz Wi-Fi network (802.11ax/ac/a/b/g/n wireless router) for remote control and smart home integration.

6.2 Remote Control via First Alert App

Control your thermostat from anywhere using the First Alert app. This app also allows integration with other compatible Resideo video, safety, and water leak detection products.
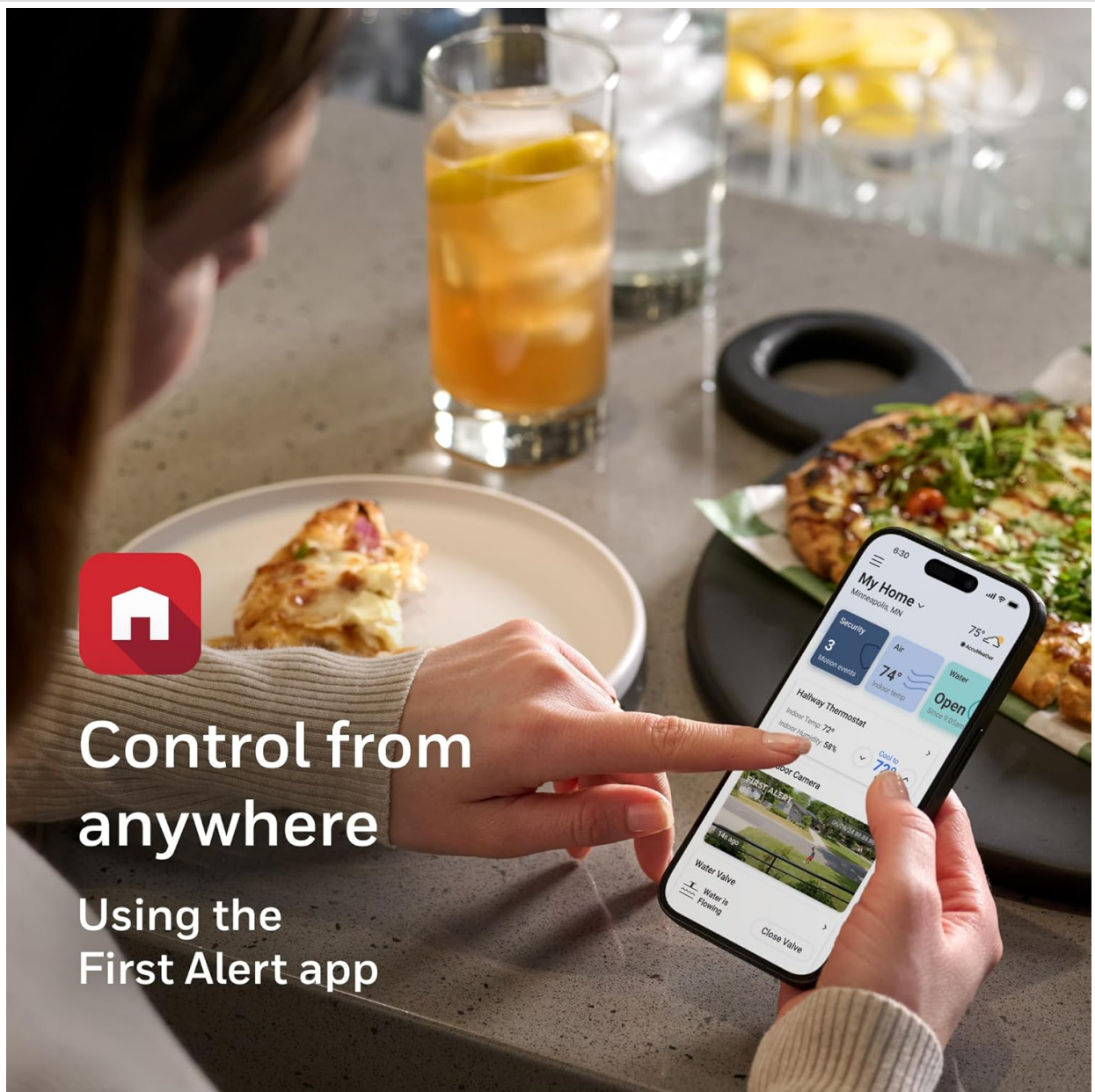
Image: A person using a smartphone to control various smart home functions, including the thermostat, through the First Alert app.

6.3 Smart Home Ecosystem Compatibility

The X8S is Matter certified, ensuring ease of interoperability with various smart home platforms. It is also compatible with Amazon Alexa, Google Assistant, and Apple Home, allowing for voice control and seamless integration into your existing smart home setup.
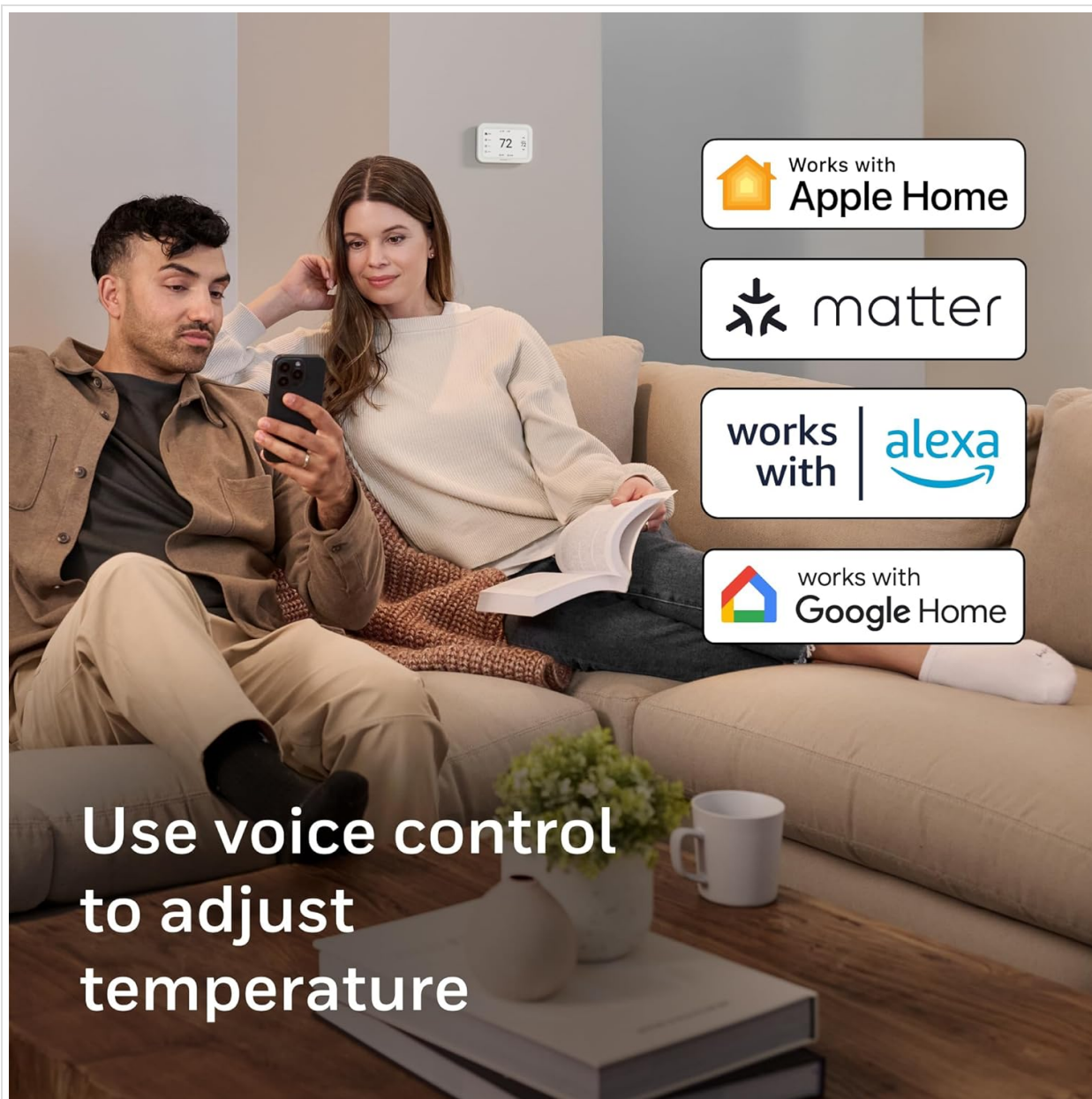
Image: A couple relaxing on a couch, with icons indicating compatibility with Apple Home, Matter, Amazon Alexa, and Google Home, highlighting voice control capabilities.

7. MAINTENANCE

- **Cleaning:** Gently wipe the thermostat screen and body with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- **Software Updates:** Ensure your thermostat's firmware is up to date through the First Alert app to access the latest features and improvements.
- **Room Sensor Placement:** Periodically check the room sensor's placement to ensure it is not obstructed and is providing accurate readings.

8. TROUBLESHOOTING

If you encounter issues with your Honeywell Home X8S Smart Thermostat, refer to the following common solutions:

- **No Power to Thermostat:** Check the circuit breaker for your HVAC system. Ensure the C-wire is properly connected.

- **Wi-Fi Connectivity Issues:** Verify your home Wi-Fi network is active and within range. Restart your router and the thermostat. Ensure you are connecting to a 2.4 GHz or 5.0 GHz network.
- **Incorrect Temperature Readings:** Ensure the room sensor is placed in an optimal location, away from direct sunlight, drafts, or heat sources.
- **HVAC System Not Responding:** Check wiring connections at the thermostat and HVAC unit. Ensure the system type is correctly configured in the thermostat settings.
- **App Control Problems:** Ensure the First Alert app is updated to the latest version. Log out and log back into your account.
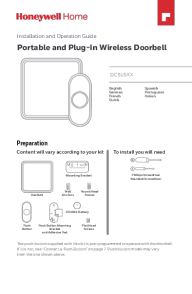
For further assistance, contact Honeywell Home customer support.

9. SPECIFICATIONS

Brand	Honeywell Home
Model Name	X8S
Model Number	X8VMC9W/W
Product Dimensions	0.96"D x 5.24"W x 3.54"H
Color	White
Specific Uses For Product	Air Conditioner, Furnace, Heat Pump
Temperature Control Type	Cooling
Connectivity Technology	Wi-Fi
Voltage	30 Volts
Display Type	LED
Control Type	App Control
Connectivity Protocol	Wi-Fi
UPC	194159018501
Item Weight	2.61 pounds
Batteries Required	No

10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your product or visit the official Honeywell Home website. Keep your proof of purchase for warranty claims.

Related Documents - X8S

[Honeywell Home X8S Smart Thermostat User Guide](#)

User guide for the Honeywell Home X8S Smart Thermostat, covering features like prioritizing rooms, connecting video doorbells, customizing the idle screen, and Matter setup. Includes regulatory information and warranty details.

[Honeywell Home Portable, Wired & Wireless Doorbell Installation and Operation Guide](#)

This guide provides instructions for installing and operating the Honeywell Home Portable, Wired & Wireless Doorbell, including setup, safety precautions, wiring diagrams, and troubleshooting.

[Honeywell Home DC515XX Portable and Plug-In Wireless Doorbell Installation and Operation Guide](#)

Comprehensive guide for installing and operating the Honeywell Home DC515XX portable and plug-in wireless doorbell. Learn how to set up, customize tunes and lights, adjust volume, mute, and connect accessories.

[Honeywell Home X8S Smart Thermostat Getting Started Guide](#)

This guide provides instructions for installing and setting up the Honeywell Home X8S Smart Thermostat, including wiring, app connection, and basic troubleshooting.

[Honeywell Home T87M2036 Modulating Room Thermostat User Guide](#)

A concise, multilingual user guide for the Honeywell Home T87M2036 Modulating Room Thermostat, detailing basic functions, language translations for key terms, and troubleshooting indicators.

[Honeywell Home DT4/DT4R/DT4M Room Thermostat - Product Specifications](#)

Detailed product specifications for the Honeywell Home DT4, DT4R, and DT4M room thermostats, covering features, technical data, operation, and ordering information for efficient home climate control.