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Soleus Air WS5-10HW-301

Soleus Air 10,000 BTU Over-the Sill Saddle Hybrid Air Conditioner w/Heat User Manual

Model: WS5-10HW-301

1. PRODUCT OVERVIEW

The Soleus Air 10,000 BTU Over-the Sill Saddle Hybrid Air Conditioner with Heat is designed for efficient cooling and heating of rooms up to 450 square feet. This unit features an extra efficient Inverter compressor and Wi-Fi connectivity, allowing remote control via the Soleus Air app. Its unique saddle design sits low and over the wall, eliminating the need for drilling holes in the window for support and maintaining a full window view. It includes multiple operating modes, a programmable thermostat, and a washable filter for improved air quality.



Figure 1.1: Front view of the Soleus Air 10,000 BTU Over-the-Sill Saddle Hybrid Air Conditioner.

2. KEY FEATURES

- **Saddle Design:** Safely straddles the wall, preventing falls and eliminating the need for window frame modifications.
- **10,000 BTU Capacity:** Effectively cools and heats rooms up to 450 square feet.
- **Programmable Thermostat:** Allows precise temperature control for optimal comfort and energy efficiency.
- **Wi-Fi Connectivity:** Remote control via the Soleus Home Comfort app from your smart device.
- **Multiple Operating Modes:** Offers cooling, heating, dehumidification, and fan-only modes.
- **Quiet Operation:** Designed for reduced noise levels (48 dB).
- **Washable Filter:** Captures dust and maintains efficient operation.
- **Window View Friendly:** Maintains full window functionality and view.

FULL WINDOW VIEW

keep the view and maintain **FULL WINDOW** function



Figure 2.1: The saddle design allows for a full window view, preserving natural light and outdoor visibility.



Figure 2.2: Control your unit remotely using the Soleus Home Comfort app on your smartphone.



Figure 2.3: The unit's design integrates seamlessly into living spaces, providing comfort without obstructing views.

3. SETUP AND INSTALLATION

The Soleus Air Saddle Hybrid Air Conditioner is designed for tool-free installation, eliminating the need for drilling or damaging your window frame. Its unique design allows it to sit securely over the window sill.

3.1 Unpacking

- Carefully remove the unit from its packaging.
- Inspect for any shipping damage. If damaged, do not install and contact customer support.
- Ensure all accessories, including the remote control, are present.

3.2 Window Preparation

- This unit is suitable for windows with a sill width up to 12.5 inches.
- Clear the window area of any obstructions.
- Ensure the window sill is sturdy enough to support the unit's weight (approximately 64.6 pounds).

3.3 Unit Placement

- Position the unit so it straddles the window sill, with the main body inside and the condenser section outside.
- Secure the unit using the provided rubbery blocks to ensure a tight seal and stability.
- Ensure the unit is level to allow for proper drainage.



Figure 3.1: The saddle design allows the unit to sit securely over the window sill without external support.

4. OPERATING INSTRUCTIONS

The Soleus Air unit can be operated using the control panel on the unit or the included remote control. It offers various modes and settings for optimal comfort.

4.1 Control Panel Overview

The control panel provides access to all essential functions:

- **Power Button:** Turns the unit on or off.
- **Mode Selection:** Cycle through COOL, DRY, FAN, and HEAT modes.
- **Temperature Adjustment:** Use the Up/Down arrows to set your desired temperature.
- **Fan Speed:** Select HIGH, LOW, or QUIET fan speeds.
- **Timer:** Set a delay timer for turning the unit on or off.
- **Wi-Fi Activation:** Hold the Wi-Fi button for 3 seconds to activate pairing mode.

4.2 Operating Modes

- **Cool Mode:** Provides cooling with adjustable temperature and fan speed.
- **Heat Mode:** Provides heating with adjustable temperature and fan speed. Effective down to approximately 40°F (4°C) outdoor temperatures.
- **Dry Mode (Dehumidification):** Reduces humidity in the room.
- **Fan Mode:** Circulates air without cooling or heating.
- **Sleep Mode:** Automatically moderates set temperatures at night to conserve energy.
- **Energy Saver Mode:** Optimizes operation for reduced energy consumption.

4.3 Wi-Fi Connectivity

The unit can be controlled via the Soleus Home Comfort app. Ensure your Wi-Fi network is on the 2.4 GHz band for compatibility.

1. Download the Soleus Home Comfort app from your device's app store.
2. Follow the in-app instructions to pair your air conditioner.
3. Once connected, you can control the unit's settings from anywhere.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Soleus Air unit.

5.1 Washable Filter

- The unit features a washable filter that captures dust and keeps the air conditioner working efficiently.
- A "Check Filter" indicator light will illuminate when the filter needs cleaning.
- To clean, slide out the filter, wash it with warm, soapy water, rinse thoroughly, and allow it to air dry completely before reinserting.
- Press the "Filter Reset" button after cleaning to reset the indicator.



Figure 5.1: The washable air filter helps maintain air quality and unit efficiency.

5.2 Exterior Cleaning

- Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Periodically check the outdoor coils for debris and gently clean if necessary. Note that units exposed to coastal environments may show signs of rust on exterior components over time.



Figure 5.2: Side view of the unit, showing the outdoor coil section. Regular inspection and cleaning of these coils are recommended.

5.3 Drainage

- The unit is designed to manage condensate. However, in high humidity environments, some users may experience drainage issues.
- If excessive water accumulates or the unit's performance is affected, check the drain plug. Some users have found it necessary to remove the pop-in rubber plug to allow for continuous drainage into a suitable container.

6. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Unit does not turn on.	No power, power cord not fully plugged in, circuit breaker tripped.	Ensure unit is plugged into a working 115V outlet. Check circuit breaker.
Unit not cooling/heating effectively.	Dirty air filter, room too large, windows/doors open, temperature setting too high/low.	Clean air filter. Ensure room size is within recommended capacity (up to 450 sq ft). Close windows/doors. Adjust temperature setting.
Unit is noisy.	Unit not level, loose parts, normal operating sounds.	Ensure unit is level and securely installed. Some operational noise is normal. If noise is excessive or unusual, contact customer support.
Water leakage/drainage issues.	Unit not level, drain plug blocked or not removed in high humidity.	Ensure unit is level. In high humidity, consider removing the drain plug for continuous drainage into a suitable container.
E3 Error Code.	Specific error condition (details not provided in general manual).	If an E3 error code appears, power cycle the unit. If the error persists, contact Soleus Air customer support for further assistance.

7. SPECIFICATIONS

Attribute	Detail
Brand	Soleus Air
Model Number	WS5-10HW-301
Cooling Power	10,000 BTU
Heating Power	10,000 BTU

Attribute	Detail
Coverage Area	Up to 450 sq ft
Item Weight	64.6 pounds
Product Dimensions	31.8"D x 18.7"W x 15.2"H
Efficiency (SEER)	13
Noise Level	48 dB
Voltage	115 Volts
Wattage	1070 watts
Installation Type	Window (Over-the-Sill Saddle)
Special Features	Remote Controlled, Heating & Cooling Function, WiFi Enabled, Sleep Mode, Dehumidifier
Material Type	Metal

8. WARRANTY AND SUPPORT

For warranty information, product registration, or technical support, please visit the official Soleus Air website or contact their customer service department.

- **Online Support:** [Visit the Soleus Air Store on Amazon](#)
- **Customer Service:** Refer to your product packaging or the Soleus Air website for contact details.

Please retain your proof of purchase for warranty claims.

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Related Documents - WS5-10HW-301

	<p>Soleus Air Electronic Hybrid Air Conditioner with Heat Operating Instructions</p> <p>Operating instructions, installation guide, specifications, and troubleshooting for Soleus Air WS5-08HW-301, WS5-10HW-301, and WS5-12HW-301 Electronic Hybrid Air Conditioners with Heat.</p>
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 <p>Model WS4-10EHW-301 10,000 BTU WS4-10EH7W-301 10,000 BTU</p> <p>Electronic Hybrid Air Conditioner w/ Heat Operating Instructions</p> <p>Wi-Fi</p>	<p><u>Soleus Air WS4-10EHW-301/WS4-10EH7W-301 Electronic Hybrid Air Conditioner Operating Instructions</u></p> <p>This owner's manual provides essential information for the proper installation, operation, care, and maintenance of the Soleus Air WS4-10EHW-301 and WS4-10EH7W-301 Electronic Hybrid Air Conditioners. It includes safety precautions, troubleshooting tips, and warranty details.</p>
 <p>Model WS4-06EW-201 6,000 BTU WS4-08EW-201 8,000 BTU</p> <p>Electronic Hybrid Air Conditioner Operating Instructions</p> <p>Wi-Fi</p>	<p><u>Soleus Air WS4-06EW-201 / WS4-08EW-201 Electronic Hybrid Air Conditioner Operating Instructions</u></p> <p>This manual provides operating instructions, installation guidance, specifications, troubleshooting tips, and warranty information for the Soleus Air WS4-06EW-201 and WS4-08EW-201 Electronic Hybrid Air Conditioners.</p>
 <p>Model WS4-06EW-201 6,000 BTU WS4-08EW-201 8,000 BTU</p> <p>Electronic Hybrid Air Conditioner Operating Instructions</p> <p>Wi-Fi</p>	<p><u>Soleus Air WS4-06EW-201 & WS4-08EW-201 Hybrid Air Conditioner Operating Manual</u></p> <p>This operating manual provides detailed guidance for the Soleus Air WS4-06EW-201 and WS4-08EW-201 Electronic Hybrid Air Conditioners, covering installation, operation, care, and troubleshooting. Explore features like WiFi connectivity and compatibility with voice assistants such as Amazon Alexa and Google Assistant.</p>
 <p>Model WS4-12EHW-301 12,000 BTU Portable Air Conditioner w/ Heat Pump Operating Instructions</p> <p>Wi-Fi</p>	<p><u>Soleus Air 12,000 BTU Portable Air Conditioner with Heat Pump Operating Instructions</u></p> <p>Operating instructions for the Soleus Air 12,000 BTU Portable Air Conditioner with Heat Pump, including specifications, installation, operation, maintenance, troubleshooting, and warranty information.</p>
 <p>Model WS4-08EW-301 8,000 BTU</p> <p>Electronic Hybrid Air Conditioner Operating Instructions</p> <p>Wi-Fi</p>	<p><u>Soleus Air WS4-08EW-301 Electronic Hybrid Air Conditioner Operating Instructions</u></p> <p>This manual provides operating instructions for the Soleus Air WS4-08EW-301 Electronic Hybrid Air Conditioner, including setup, operation, maintenance, and troubleshooting.</p>