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## Trade-Wind VSL4303RC

# Trade-Wind VSL4303RC VSL400 Series 30-Inch Range Hood Insert User Manual

Model: VSL4303RC

## 1. INTRODUCTION AND SAFETY INFORMATION

This manual provides essential instructions for the installation, operation, and maintenance of your Trade-Wind VSL4303RC VSL400 Series 30-Inch Range Hood Insert. Please read all instructions carefully before installation and use to ensure proper function and safety.



Image 1: Front view of the Trade-Wind VSL4303RC Range Hood Insert, showcasing its stainless steel finish, LED lights, and baffle filters.

### Important Safety Instructions:

- Always disconnect power to the unit before servicing or cleaning.
- Installation must be performed by a qualified technician in accordance with all local codes and standards.
- Ensure proper grounding to reduce the risk of electric shock.
- Do not operate the range hood with damaged wiring or if the housing is compromised.
- Maintain adequate ventilation in the room when the range hood is in use.

## 2. SETUP AND INSTALLATION

The Trade-Wind VSL4303RC is designed for insert mounting within a custom or manufactured wood hood design. Professional installation is highly recommended.

### Installation Steps:

1. **Prepare the Opening:** Ensure the cabinet opening dimensions are appropriate for the 28-3/8" width, 18" depth, and 4" height of the insert.
2. **Ducting Connection:** Connect the 7" round ductwork to the range hood's exhaust outlet. Ensure all connections are sealed to prevent air leaks. The unit supports ducted ventilation.
3. **Mounting:** Secure the range hood insert into the prepared cabinet opening using appropriate fasteners.
4. **Electrical Connection:** Connect the range hood to a 120V, 1.9A electrical supply. Ensure proper grounding.
5. **Optional Ductless Conversion:** For ductless operation, consult a qualified technician for the installation of a recirculation kit (sold separately).

The recommended height above the cooktop is between 30" and 36" for optimal performance.

### 3. OPERATING INSTRUCTIONS

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Your Trade-Wind VSL4303RC range hood insert features both touch controls on the unit and a remote control for convenient operation of the fan speeds and LED lighting.





Image 2: The remote control for the Trade-Wind VSL4303RC, showing buttons for fan speed, light, and power.

### Using the Controls:

- **Power On/Off:** Press the power button on the remote or the corresponding touch control on the unit to turn the range hood on or off.
- **Fan Speed Adjustment:** The unit offers 3 fan speeds. Use the fan speed buttons on the remote or touch controls to cycle through low, medium, and high settings.
- **LED Lighting:** Press the light button to turn the LED lights on or off. The two LED lights illuminate the cooking area.
- **Remote Control:** Ensure the remote control has working batteries and is pointed towards the range hood for effective communication.

## 4. MAINTENANCE

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Regular maintenance ensures optimal performance and longevity of your range hood. Always disconnect power before performing any maintenance.

### Cleaning the Baffle Filters:

The baffle filters are designed to trap grease and can be easily removed for cleaning.



Image 3: Close-up view of a baffle filter, showing the knob for easy removal.

1. **Removal:** Locate the release knobs or latches on each baffle filter. Gently pull or slide to disengage and remove the filters.
2. **Cleaning:** The baffle filters are dishwasher-safe. Alternatively, wash them by hand using hot water and a degreasing detergent.
3. **Drying:** Allow filters to dry completely before reinstallation.
4. **Reinstallation:** Insert the dry filters back into their slots, ensuring they are securely latched.

### General Cleaning:

- Wipe the exterior stainless steel surfaces with a soft cloth and a non-abrasive stainless steel cleaner.
- Do not use abrasive cleaners, steel wool, or scouring pads, as these can scratch the surface.
- Clean the LED light covers with a soft, damp cloth.

## 5. TROUBLESHOOTING

If you encounter issues with your range hood, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Fan does not operate	No power supply Motor malfunction	Check circuit breaker/fuse Contact qualified service technician
Lights do not work	Bulb failure Wiring issue	Replace LED bulbs (if replaceable) Contact qualified service technician
Poor suction	Clogged filters Ductwork obstruction Improper installation height	Clean or replace baffle filters Check ductwork for blockages Verify installation height (30-36 inches)

Problem	Possible Cause	Solution
Excessive noise	Loose parts Ductwork issues Motor bearing wear	Check for loose screws or components Inspect ductwork for proper sealing and bends Contact qualified service technician

If the problem persists after attempting these solutions, please contact Trade-Wind customer support or a qualified service professional.

## 6. SPECIFICATIONS

Detailed technical specifications for the Trade-Wind VSL4303RC Range Hood Insert:

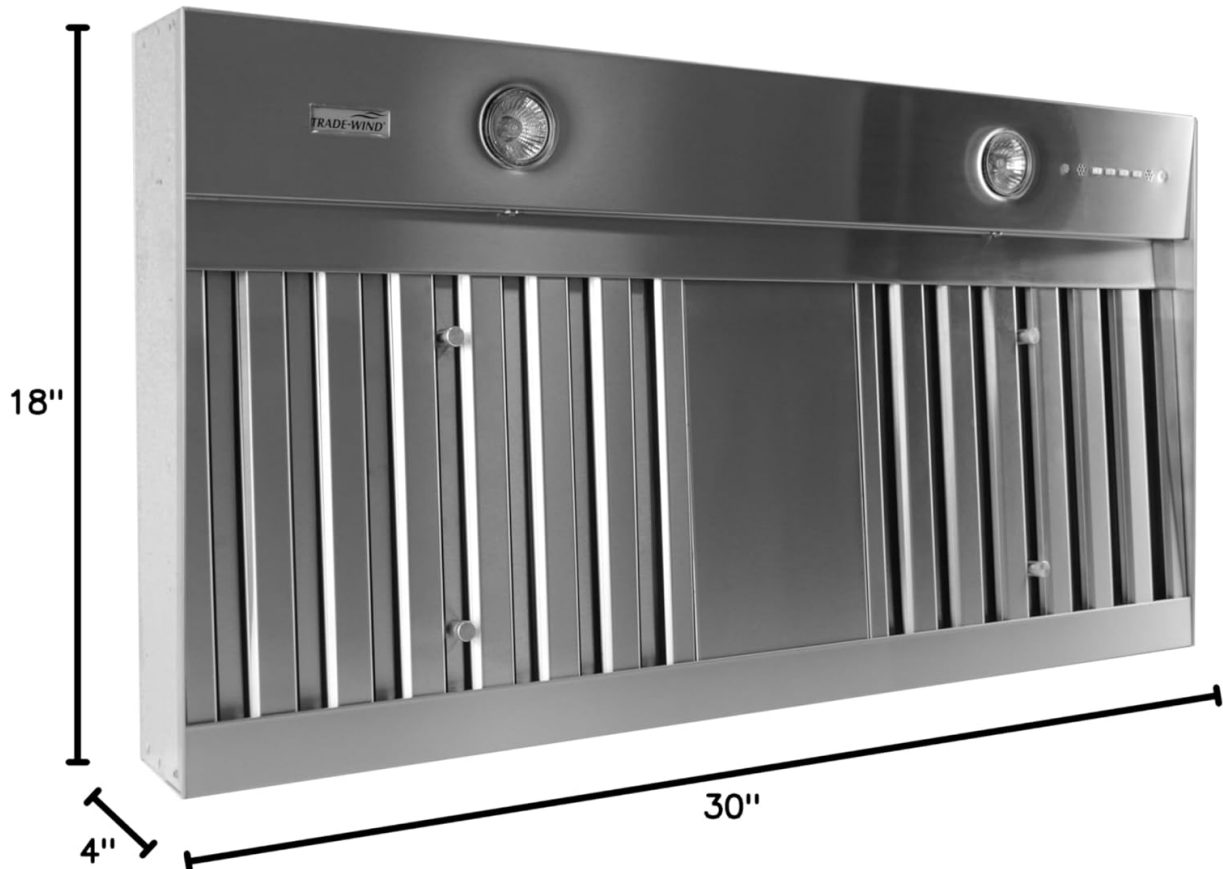


Image 4: Dimensional drawing of the Trade-Wind VSL4303RC Range Hood Insert, showing 30" width, 18" depth, and 4" height.

Feature	Specification
Model	VSL4303RC
Material	Stainless Steel
Mounting Type	Insert Mount
Air Flow Capacity	390 CFM
Sones	2 (low), 6.5 (high)
Nominal Width	30 inches
Actual Width	28-3/8 inches

Feature	Specification
Height	4 inches
Depth	18 inches
Duct Size	7 inch Round
Height Above Cooktop	30" to 36" (recommended)
Amperage	1.9A
Voltage	120V
Wattage	228W
Number of Speeds	3
Light Source Type	LED
Filter Type	Baffle (Dishwasher-safe)
Included Components	Remote Control

## 7. WARRANTY AND SUPPORT

### Warranty Information:

The Trade-Wind VSL4303RC Range Hood Insert is covered under a **3-year limited parts and labor manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use and service.

Please retain your proof of purchase for warranty claims.

### Customer Support:

For technical assistance, warranty service, or to order replacement parts, please contact Trade-Wind customer support. Refer to the official Trade-Wind website or your purchase documentation for the most current contact information.

When contacting support, please have your model number (VSL4303RC) and date of purchase readily available.