

## KOHLER 20RESCL-200SELS

# Kohler 20RESCL-200SELS 20,000W Air-Cooled Standby Generator User Manual

Model: **20RESCL-200SELS**

Brand: KOHLER

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## INTRODUCTION

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This manual provides essential information for the safe and efficient operation, installation, and maintenance of your KOHLER 20RESCL-200SELS 20,000W Air-Cooled Standby Generator with 200 Amp Whole-House, Service Entrance Rated, Load Shedding Automatic Transfer Switch. This generator system is designed to provide reliable backup power to your home during outages, ensuring your essential appliances, heating/cooling, and security systems remain operational.

Key features of your generator system include:

- A 20,000-watt air-cooled generator that automatically activates upon power loss.
- Integration with a 200 Amp whole-house, service entrance rated, load shedding automatic transfer switch.
- Rapid power restoration to your home, typically within 10 seconds of an outage.
- Premium power quality for sensitive electronics and quiet operation.
- A 100% corrosion-proof enclosure, providing durability in various environmental conditions.



Figure 1: The Kohler 20RESCL-200SELS standby generator unit shown alongside its accompanying automatic transfer switch.

## SAFETY INFORMATION

**WARNING: Read and understand all safety precautions before installing, operating, or servicing this generator system. Failure to follow these instructions can result in serious injury, death, or property damage.**

- **Carbon Monoxide Hazard:** Generator exhaust contains carbon monoxide, a colorless, odorless, poisonous gas. Never operate the generator indoors or in enclosed spaces. Ensure adequate ventilation when operating.
- **Electrical Shock Hazard:** This generator produces high voltage. Do not touch electrical components or wiring unless power is disconnected and verified. Installation and service must be performed by qualified personnel.
- **Fire Hazard:** Fuel is highly flammable. Do not refuel while the generator is running or hot. Store fuel in approved containers away from ignition sources.
- **Moving Parts:** Keep hands, feet, and clothing away from moving parts during operation.
- **Hot Surfaces:** The generator and exhaust system become hot during operation and remain hot for some time after shutdown. Avoid contact with hot surfaces.
- **Proposition 65 Warning:** This product can expose you to chemicals including carbon monoxide, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## SETUP AND INSTALLATION

Installation of the KOHLER 20RESCL-200SELS generator system requires professional expertise due to electrical and fuel connections. It is strongly recommended that installation be performed by a certified electrician or a qualified generator technician.

## Site Selection

- Choose a level, stable surface for placement, typically a concrete pad.
- Ensure adequate clearance around the unit for ventilation, maintenance, and exhaust dispersal, adhering to local codes and manufacturer guidelines.
- The generator measures approximately 48 inches in length, 26.2 inches in width, and 29 inches in height.

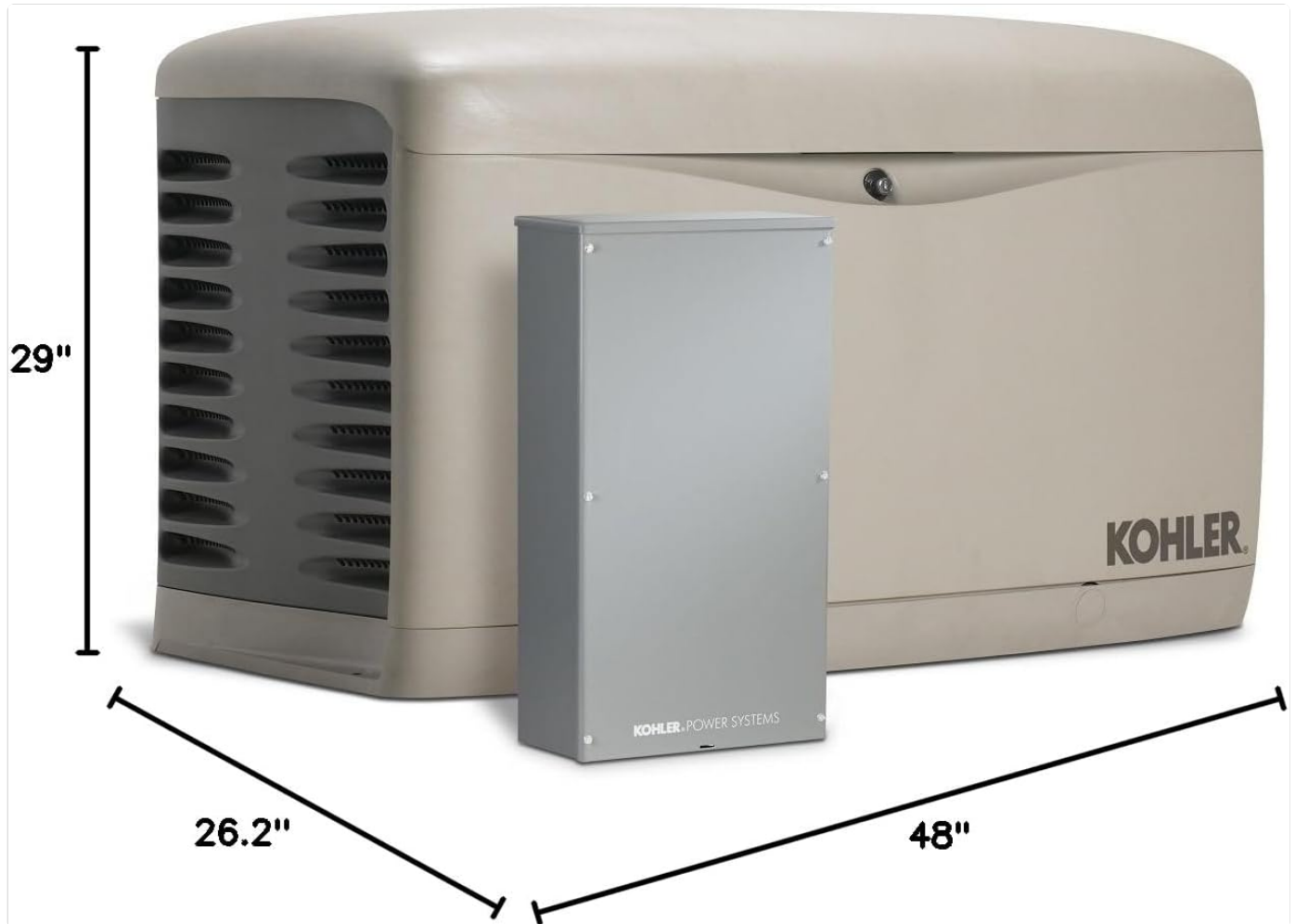


Figure 2: Dimensions of the Kohler 20RESCL-200SELS generator and transfer switch, indicating overall size for planning installation space.

## Electrical and Fuel Connections

- The 200 Amp automatic transfer switch must be wired into your home's electrical system by a licensed electrician.
- Connect the generator to a suitable fuel source (natural gas or liquid propane) according to local codes and manufacturer specifications.
- Ensure all connections are secure and properly sealed to prevent leaks or electrical hazards.



Figure 3: Internal components of the 200 Amp automatic transfer switch, showing wiring terminals and circuit breakers.

## Battery Installation

A Group 51 battery is required for generator starting. Install the battery according to the instructions provided in the detailed installation manual, ensuring correct polarity.

## OPERATING INSTRUCTIONS

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The KOHLER 20RESCL-200SELS generator system is designed for automatic operation, providing seamless power transfer during utility outages.

### Automatic Operation

- When utility power is interrupted, the automatic transfer switch (ATS) detects the outage.
- The ATS signals the generator to start.
- Once the generator reaches proper voltage and frequency, the ATS transfers the electrical load from the utility to the generator, typically within 10 seconds.
- When utility power is restored, the ATS transfers the load back to the utility and signals the generator to cool down and shut off.

### Manual Operation (For Testing/Maintenance)

Refer to the generator's control panel manual for specific instructions on initiating manual start/stop procedures for testing or maintenance purposes. Always ensure the generator is in a safe operating state before manual intervention.

## MAINTENANCE

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Regular maintenance is crucial for the longevity and reliable performance of your KOHLER standby generator. Adhere to the maintenance schedule outlined in the comprehensive owner's manual.

### Routine Checks

- **Weekly Exercise:** The generator is programmed to run a short exercise cycle weekly to ensure readiness. Verify this cycle occurs.
- **Visual Inspection:** Periodically inspect the generator for any visible damage, leaks, or obstructions around the air intake and exhaust.
- **Enclosure:** The 100% corrosion-proof enclosure should be kept clean and free of debris to maintain proper ventilation and appearance.



Figure 4: Left side view of the generator, highlighting the air intake vents and the durable enclosure.



Figure 5: Right side view of the generator, showing the exhaust area and the robust casing.

## Scheduled Servicing

- **Oil and Filter Changes:** Perform oil and filter changes at recommended intervals (e.g., annually or after a certain number of operating hours).
- **Air Filter Inspection/Replacement:** Check and replace the air filter as needed.
- **Spark Plug Inspection/Replacement:** Inspect and replace spark plugs as part of routine maintenance.
- **Battery Maintenance:** Check battery terminals for corrosion and ensure the battery maintains proper charge. The required battery type is Group 51.
- It is highly recommended to have a certified KOHLER service technician perform annual maintenance to ensure optimal performance and validate warranty.

## TROUBLESHOOTING

This section provides general guidance for common issues. For detailed troubleshooting steps, consult the full owner's manual or contact a qualified service technician.

Problem	Possible Cause	Solution
Generator does not start automatically.	No utility power outage, low battery, fuel supply issue, fault code.	Verify utility outage, check battery charge, ensure fuel supply is open, check control panel for fault codes and refer to manual.
Generator starts but does not transfer load.	ATS malfunction, generator not producing proper power.	Contact a qualified electrician or service technician to inspect the ATS and generator output.
Generator runs rough or shuts down unexpectedly.	Low oil level, clogged air filter, fuel quality issue, spark plug issue.	Check oil level, inspect/replace air filter, ensure fresh fuel, inspect spark plugs. If problem persists, contact service.
Unusual noises or vibrations.	Loose components, internal mechanical issue.	Immediately shut down the generator and contact a qualified service technician for inspection.

For any issues not covered here or for complex problems, always contact a certified KOHLER service technician.

## SPECIFICATIONS

Attribute	Detail
Model Number	20RESCL-200SELS
Power Output	20,000 Watts (20 KW)
Cooling Type	Air-Cooled
Transfer Switch	200 Amp Whole-House, Service Entrance Rated, Load Shedding Automatic Transfer Switch
Dimensions (L x W x H)	48 x 26.2 x 29 inches
Item Weight	500 pounds
Enclosure	100% Corrosion-Proof

Attribute	Detail
Required Battery Type	Group 51

## WARRANTY AND SUPPORT

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### Warranty Information

The KOHLER 20RESCL-200SELS generator system comes with a **5-year or 2000-hour limited warranty**, whichever comes first. Please refer to the official warranty document included with your product for full terms and conditions, including coverage details and limitations.

### Customer Support

For technical assistance, service inquiries, or to locate a certified KOHLER service dealer, please visit the official KOHLER website or contact their customer support directly.

You can also visit the [KOHLER Store on Amazon](#) for additional product information and resources.

