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- › [Kohler](#) /
- › [Kohler 12kW Standby Generator, Model 12RESV-QS8 User Manual](#)

Kohler 12RESV-QS8

Kohler 12kW Standby Generator

MODEL: 12RESV-QS8

Brand: Kohler

Introduction and Overview

The Kohler 12kW Standby Generator, Model 12RESV-QS8, is designed to provide automatic backup power for your home. This unit ensures continuous power supply during outages, automatically restoring power in approximately 10 seconds. It features a robust KOHLER Series 7000 V-twin engine, engineered for demanding commercial applications.

Key features include:

- Automatic power restoration in approximately 10 seconds.
- Reliable KOHLER Series 7000 V-twin engine.
- Dual-fuel capability: operates on natural gas (11kW) or liquid propane (12kW).
- PowerBoost™ technology for starting large loads like central air conditioners without power interruption to other appliances.
- OnCue® Plus remote monitoring system for real-time status updates via smartphone, tablet, or PC.
- Quiet operation and durable steel enclosure with e-coat and powder coat finish for enhanced corrosion protection.



Figure 1: Front view of the Kohler 12kW Standby Generator.

Setup

Proper installation is crucial for the safe and efficient operation of your Kohler standby generator. This unit must be installed by a qualified and licensed professional in accordance with all local and national electrical and plumbing codes.

Fuel Connection

The generator is designed to connect to your existing natural gas or liquid propane supply. Ensure the fuel lines are properly sized and installed by a certified technician. The generator can be switched between natural gas (11kW output) and liquid propane (12kW output) in the field by a qualified installer.

Electrical Connection

The generator requires connection to your home's electrical system via an automatic transfer switch (sold

separately). This switch detects power outages and automatically transfers your home's electrical load to the generator, then back to utility power when it is restored.



Figure 2: Generator installed outdoors, designed for all-weather protection.

Operating Instructions

The Kohler 12kW Standby Generator is designed for automatic operation. Once properly installed and configured, it will monitor your utility power and activate as needed.

Automatic Operation

1. When utility power is interrupted, the automatic transfer switch detects the outage.
2. The generator automatically starts and warms up.
3. After a brief warm-up period, the transfer switch connects your home to the generator's power.
4. When utility power is restored, the transfer switch returns your home to utility power.
5. The generator cools down and then shuts off, returning to standby mode.

OnCue® Plus Remote Monitoring

The OnCue® Plus system allows you to monitor your generator's status remotely. Download the OnCue® Plus app on your smartphone or tablet, or access it via a PC. This system provides real-time updates on operational status, maintenance alerts, and other critical information.

Your browser does not support the video tag.

Video 1: An overview of the Kohler generator's automatic power restoration capabilities during an outage.

Maintenance

Regular maintenance is essential to ensure the longevity and reliable operation of your Kohler generator.

Refer to the detailed maintenance schedule in your full owner's manual.

Routine Checks

- **Weekly:** Check the generator's status indicator lights and ensure it is in 'AUTO' mode.
- **Monthly:** Visually inspect the generator for any signs of damage, leaks, or obstructions.
- **After every power outage:** Verify the generator has returned to standby mode and check for any alerts on the OnCue® Plus system.

Scheduled Servicing

Annual professional servicing is recommended. This typically includes:

- Oil and filter change.
- Spark plug inspection/replacement.
- Air filter inspection/replacement.
- Battery inspection and testing.
- Fuel system inspection.
- General system diagnostics.

The generator's design allows for easy access to the engine and control panel, simplifying maintenance tasks.

Troubleshooting

If your generator is not operating as expected, consult the following basic troubleshooting steps. For complex issues, contact a certified Kohler service technician.

Common Issues and Solutions

- **Generator fails to start:**
 - Ensure the generator is in 'AUTO' mode.
 - Check fuel supply (natural gas valve open, propane tank full).
 - Verify battery connections are secure and the battery is charged.
- **Low power output:**
 - Check for overloaded circuits; reduce electrical load if necessary.
 - Ensure proper fuel type is selected and supplied.
- **Unusual noises or vibrations:**
 - Shut down the generator immediately.
 - Inspect for loose components or foreign objects.
 - Contact a service technician.

Always refer to the diagnostic codes displayed on the generator's control panel or via the OnCue® Plus system for specific error information.

Specifications

Feature	Detail
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Brand	Kohler
Model Name	12kW Standby Generator
Model Number	12RESV-QS8
Wattage (Liquid Propane)	12 KW
Wattage (Natural Gas)	11 KW
Fuel Type	Liquefied Petroleum Gas, Natural Gas
Power Source	Fuel Powered
Recommended Uses	Residential
Item Weight	405 Pounds
Voltage	240 Volts
Frequency	60 Hz
Engine Type	4 Stroke
Special Features	Automatic Idle Control, Dual Fuel, Hour Meter, Muffler, Overload Protection
Dimensions (L x W x H)	30.6"L x 28"W x 32.4"H
Material Type	Steel
Color	Cashmere

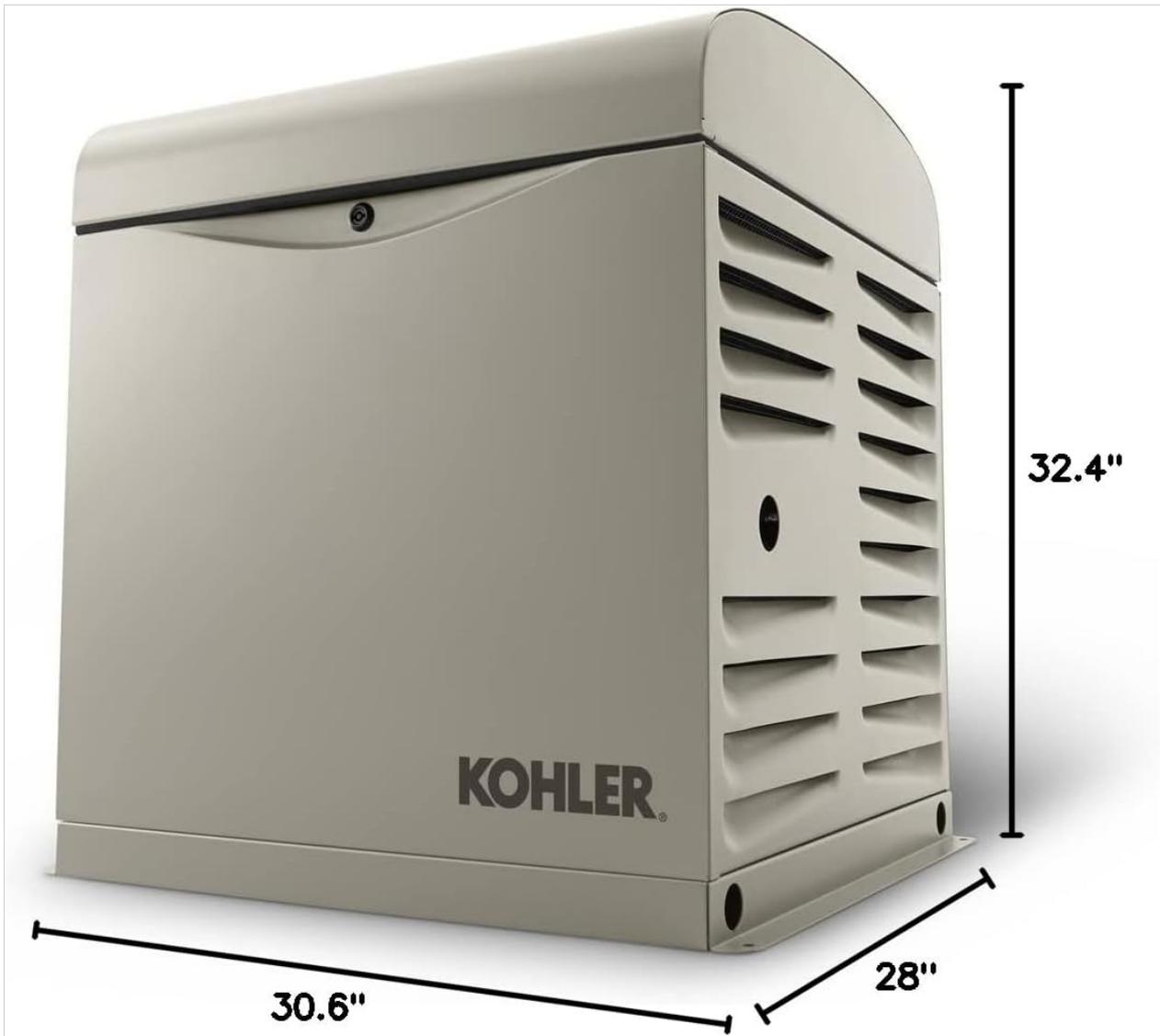


Figure 3: Generator dimensions.

Warranty and Support

The Kohler 12kW Standby Generator is backed by a standard **5-year/2000-hour limited warranty**. This warranty covers defects in materials and workmanship under normal use and service.

For warranty claims, technical assistance, or to locate an authorized service provider, please refer to the contact information provided in your official warranty document or visit the Kohler website.

Customer Support: For additional assistance, please contact Kohler customer support through their official channels.