

Generac 70422

Generac Guardian 22kW Home Standby Generator User Manual

Model: 70422

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Generac Guardian 22kW Home Standby Generator. Please read this manual thoroughly before attempting to install, operate, or service the generator.



Image 1.1: Generac Guardian 22kW Home Standby Generator, showcasing its compact and durable design.

2. SAFETY INFORMATION

Always prioritize safety when working with the generator. Failure to follow safety instructions can result in serious injury or death.

- **Electrical Hazard:** Generators produce high voltage. Only qualified electricians should perform installation and major servicing.
- **Carbon Monoxide Hazard:** Never operate the generator indoors. Ensure adequate ventilation to prevent carbon monoxide poisoning.
- **Fire Hazard:** Store fuel in approved containers and away from ignition sources. Do not refuel while the generator is running or hot.
- **Moving Parts:** Keep hands, feet, and clothing away from moving parts during operation.
- **Hot Surfaces:** The generator's engine and muffler become very hot during operation. Allow components to cool before touching.

3. SETUP AND INSTALLATION

The Generac Guardian 22kW Home Standby Generator requires professional installation. Generac strongly recommends that your new Home Standby Generator be installed by a certified and licensed electrician to ensure proper and safe operation.

3.1. Site Selection

Choose a location that is level, well-ventilated, and compliant with local building codes and regulations. Ensure sufficient clearance around the unit for maintenance and airflow.

3.2. Fuel Connection

This generator operates on either Natural Gas or LP Gas. The fuel supply must be connected by a qualified professional according to all applicable codes.

3.3. Electrical Connection

The generator must be connected to your home's electrical system via an automatic transfer switch. This connection must be performed by a licensed electrician.



Power outages are unpredictable, inconvenient and disruptive to your life.



No lights



No refrigeration



No heating or air conditioning



No connectivity

Image 3.1: Internal components of the Generac Guardian generator, highlighting the engine and electrical connections.

4. OPERATING INSTRUCTIONS

The Generac Guardian 22kW Home Standby Generator is designed for automatic operation, providing seamless power backup during utility outages.

4.1. Automatic Operation

Once installed and configured, the generator will automatically detect a power outage, start, and transfer power to your home. When utility power returns, it will automatically shut down and return to standby mode.

4.2. Quiet-Test Self-Test Mode

The generator features a Quiet-Test self-test mode, which runs at a lower RPM. This mode allows the generator to perform a weekly self-diagnostic test, ensuring readiness while minimizing noise and fuel consumption.

4.3. Mobile Link Wi-Fi Connectivity

Utilize the Mobile Link Wi-Fi connectivity to monitor your generator's status, maintenance alerts, and operational data from anywhere using a smartphone, tablet, or computer.

4.4. True Power Technology

The generator incorporates True Power Technology, delivering clean, stable power with less than 5% total harmonic distortion, safe for sensitive electronics.

5. MAINTENANCE

Regular maintenance is crucial for the longevity and reliable performance of your Generac Guardian generator. Generac's G-Force Engine is designed for durability and reduced maintenance.

5.1. Routine Checks

- Check oil level regularly.
- Inspect air filter for cleanliness.
- Ensure the area around the generator is clear of debris.
- Verify the battery charge.

5.2. Scheduled Servicing

Refer to the detailed maintenance schedule in the full product manual for specific intervals for oil changes, spark plug replacement, and other service items. It is recommended to have scheduled maintenance performed by a Generac authorized service dealer.



Get **automatic backup power** during outages caused by:



Severe weather



Grid instability



Blackouts

Image 5.1: Side internal view of the generator, showing components accessible for maintenance.

6. TROUBLESHOOTING

This section provides basic troubleshooting steps for common issues. For complex problems, contact a qualified service technician.

Problem	Possible Cause	Solution
Generator does not start.	No fuel supply, low battery, fault code.	Check fuel level and connections. Verify battery charge. Check control panel for fault codes and consult manual.
Generator runs but no power output.	Circuit breaker tripped, transfer switch issue.	Check generator circuit breaker. Contact electrician to inspect transfer switch.
Unusual noise or vibration.	Loose components, engine issue.	Shut down generator immediately. Inspect for loose parts. Contact service technician.

7. SPECIFICATIONS

Feature	Detail
Brand	Generac
Wattage	22000 watts
Fuel Type	Natural Gas or LP Gas
Power Source	Natural Gas or LP Gas
Recommended Uses	Residential use
Item Weight	466 Pounds
Voltage	240 Volts (AC)
Output Wattage	22 Kilowatts
Special Features	Automatic Shut Down, Fully Enclosed Design, Super Quiet
Included Components	5 Year Limited Warranty

8. WARRANTY INFORMATION

The Generac Guardian 22kW Home Standby Generator is backed by a **5-Year Limited Warranty**. This warranty covers defects in materials and workmanship under normal use and service. For full details regarding warranty coverage, terms, and conditions, please refer to the warranty document included with your generator or visit the official Generac website.

9. CUSTOMER SUPPORT

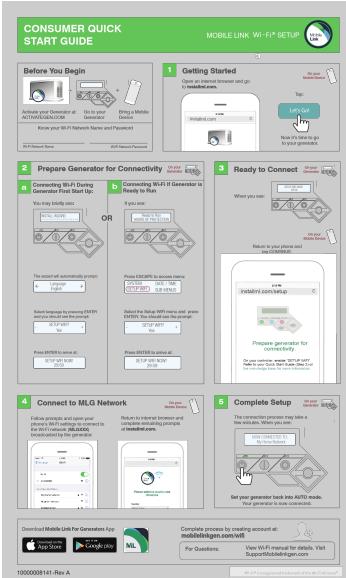
For technical assistance, service, or parts, please contact Generac Customer Support. It is recommended to have your generator's model and serial number available when contacting support.

Visit the [Generac Store on Amazon](#) for more product information and resources.

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This manual is for informational purposes only. Specifications are subject to change without notice.

Documents - Generac – 70422



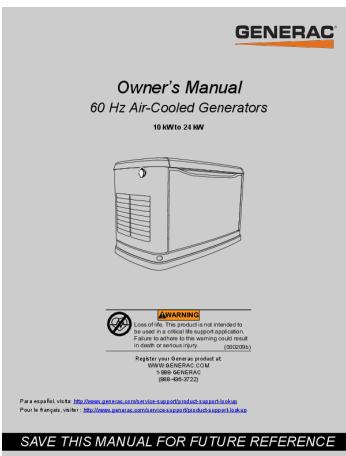
[\[pdf\]](#) Quick Start Guide Installation Guide Specifications Guide

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CONSUMER QUICK START GUIDE Before You Begin Activate your Generator at: Go to your ACTIVATEGEN.COM Generator Bring a Mobile Device Know your Wi-Fi Network Name and Password Wi-Fi Network Name Wi-Fi Network Password MOBILE LINK Wi-Fi SETUP 3.1 Getting Started Open an internet browser...

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[pdf] User Manual Owner's Manual Specifications Label

Owner's Manuals Generac EGD 70422 RTSW400A3 Guardian Series 22 kW 120/240V Single Phase Air Cooled Multi Fuel Standby Generator with 400a Augenerac egd rtsw400a3 owners manualss1 img b build mediabase specifications generac 1999126 manuals |||

Owner's Manual 60 Hz Air-Cooled Generators 10 kW to 24 kW **WARNING** Loss of life. This product is not intended to be used in a critical life support application. Failure to adhere to this warning could result in death or serious injury. 000209b Register your Generac product at: WWW.GENERAC.COM

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MODEL NUMBERS:			
General	Air Cooled	General	Liquid Cooled
7117	R00371ANAC	7119	Honeywell
7121	R00371ANAX	7229	
7223	R00272ANAX	7230	
7224	R00372ANAX	7231	
7225	R00372ANAC	7238	
7226	R00372ANAX	7088	
7228	R00372ANAC	7235	
7042	R00370ANAX	7213	
7043	R00370ANAC	7214	
7209	R00475ANAX	H002724ANAX	
7210	R00475ANAC	H002724ANAX	
7230	R00382ANAX	H003228ANAX	
7231	R00382ANAC	H003228ANAX	
70422	R00382ANAX	H00185ANAX	
70432	R00382ANAC	H00485ANAC	

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MODEL NUMBERS: Generac Air Cooled 7171 7172 7223 7224 7225 7226 7228
7042 7043 7209 7210 7290 7291 **70422** 70432 72101 Generac Liquid Cooled
RG02224ANAX RG02515ANAX RG02724ANAX RG03015ANAX RG03224ANAX
RG03624ANAX RG03824ANAX RG04524ANAX RG04524ANAC RG04854ANAX
RG04854ANAC Honeywell 7179 7229 7230 7...

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General / Honeywell Generators - National Prime (qualifying models)

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Promo 23 Model Numbers generac GeneracCorporate media Library content promotions |||
Generac / Honeywell Generators National Promo qualifying models Generac 7042
7043 7171 7172 7209 7210 7223 7224 7225 7226 7228 7290 7291 **70422** 70432
72101 Honeywell Generators 7065 7179 7213 7229 7230 7231 7235 7236 7292 7312

10

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[pdf] Warranty

Ultimate Peace of Mind With a Generac Home Standby Generator Lowes Promotion Warranty lowes ||| Ultimate Peace of Mind With a Generac Home Standby Generator This is an online only redemption procedure ... cial promotion are the following models: 7171, 7172, 7209, 7223, 7224, 7225, 7226, 7228, 7290, 7291, **70422**, 70432 and 72101. Refurbished products are excluded from this promotion. Redemption informatio...

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Mobile Link TM TM S e r v i c e L e v e l s More Choices. Multiple Service levels.
Choose the right solution for your needs Mobile Link remote monitoring lets you get
and share information about your home standby generator no matter where you are,
using your computer, smart phone, or mobile device. Vi...

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[\[pdf\]](#) User Manual Installation Guide Specifications Label

generac egd 70422 rtsw400a3 installation sheet s1 img b build mediabase specifications 1999126 |||
Installation Guidelines 60 Hz Air-Cooled Generators 10 kW to 26 kW WARNING Loss
of life. This product is not intended to be used in a critical life support application.
Failure to adhere to this warning could result in death or serious injury. 000209b
Register your Generac product at: WWW....
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Ultimate Peace of Mind

— on a GENERAC® Home Standby Generator

Purchase October 24, 2018 – November 6, 2019 to receive Generac's
\$995 **ULTIMATE**
PEACE OF MIND **WARRANTY** **FREE!**

EXTENDED
PARTS & LABOR
PROTECTION

POWER
YOU CONTROL

AUTOMATIC STANDBY GENERATORS

[pdf] Warranty

Purchase October 24 2018 November 6 to receive To take advantage of Generac s 10 Year Extended Warranty promotion purchase a qualifying home standby generator from Lowe retail store through and submit this form with copy your proof includes signed contract invoice or sales receipt showing the date within promotional period generacwarranty lowes |||

Ultimate Peace of Mind -- on a GENERAC Home Standby Generator -- Purchase October 24, 2018 November ... special promotion are the following models: 70311, 70321, 70331, 70351, 70361, 70371, 70381, 70391, **70422**, 70432. Refurbished products are excluded from this promotion. Redemption forms must be postma... lang:en score:18 filesize: 419.86 K page_count: 1 document date: 2018-08-31

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20/22/24 KW

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Specification SheetsGenerac EGD 70422 RTSW400A3 Guardian Series 22 kW 120 240V Single Phase Air Cooled Multi Fuel Standby Generator with 400a Augenerac egd rtsw400a3 specification sheetss1 img b build mediabase specifications generac 1999126 sheets |||

20/22/24 kW 20/22/24 kW GUARDIAN SERIES Residential Standby Generators Air-Cooled Gas Engine INCLUDES: True Power™ Electrical Technology Two-line multilingual digital LCD Evolution™ controller English/Spanish/French/Portuguese 200 amp service rated transfer switch available Electronic g...

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BrochureGenerac EGD 70422 RTSW400A3 Guardian Series 22 kW 120 240V Single Phase Air Cooled Multi Fuel Standby Generator with 400a Augenerac egd rtsw400a3 brochures1 img b build mediabase specifications generac 1999126 brochure BrochureGenerac AuGenerac 7224 KIT QP 14 100a Transfgenerac brochuregenerac kit qp 1999132 ||| ||| 10-24kW GUARDIAN SERIES Home Standby Generators WITH FREE MOBILE LINK WIRELESS CONNECTIVITY Choose the #1 selling home standby generator brand Generac s Guardian Series generators provide the automatic backup power you need to protect your

10-24kW GUARDIAN SERIES Home Standby Generators WITH FREE MOBILE LINK WIRELESS CONNECTIVITY Choose the #1 selling home standby generator brand Generac's Guardian Series generators provide the automatic backup power you need to protect your home and family during a power outage. Connected to your e...

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generac guardian 52bf235e81c952c8fab79efbe0496448 electricgeneratorsdirect manuals Spec Sheet
Generac Guardian EGD 70391KIT ® 20kW Standby Generator System 200A Service Disconnect AC
Shedding w Wi Fi 3 Inch GenPad™ Battery 7210 KIT QP 24kW Disc QwikHurricane® Pad ecomfort
powerequipmentdirect Guardian® 7042 22kW Aluminum Home 70422 70432KIT QT8200 acwholesalers
RTSW400A3 400A |||

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Oregon 2019 Catalog: Outdoor Power Equipment & Forestry Tools

Explore the 2019 Oregon catalog featuring a comprehensive range of outdoor power equipment, including cordless chainsaws, mowers, trimmers, and log splitters, alongside forestry tools and accessories. Find detailed product information and application guides.

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