

Hauser

**Historical Areas Board of Review(HABR)**

Town of Orangetown Building Department  
20 Greenbush Road, Orangeburg, New York 10962

PROPERTY ADDRESS: 3 Hauser Terrace, Tappan NY 10983 Section/Block/Lot: 77.11-1-8.3

1. Provide a narrative summary explaining the project and including any facts pertaining to this project which applicant feels would be of interest to the Board;
2. Architectural Plans;
3. It is preferable to the HABR if the Architect would appear at the meeting with the Applicant.
4. Please bring SAMPLES of building materials to the meeting.
5. Materials checklist: (please provide the brand name, type, style, model and color numbers):

	COLOR	MATERIAL	MANUFACTURER
Roof:			
Siding:			
Decorative Siding:			
Soffits & Fascia:			
Gutters & Leaders:			
Windows:			
Trim:			
Shutters:			
Front Door:			
Back Door:			
Garage Door(s):			
Other Door(s):			
Lighting:			
Lighting:			
Stone or Rock being used on Structure:			
Stone or Rock being used on walkway(s):			
Other:	Bisque (Beige)	Composite	Generac Generator

Name of Municipality: TOWN OF ORANGETOWN Date Submitted: \_\_\_\_\_

### 2021 LAND USE BOARD APPLICATION

*Please check all that apply:*

<input type="checkbox"/> Commercial <input type="checkbox"/> Residential <input type="checkbox"/> Planning Board <input type="checkbox"/> Zoning Board of Appeals <input type="checkbox"/> Subdivision <input type="checkbox"/> Number of Lots <input type="checkbox"/> Site Plan <input type="checkbox"/> Conditional Use <input type="checkbox"/> Special Permit <input type="checkbox"/> Variance <input type="checkbox"/> Performance Standards Review <input type="checkbox"/> Use Variance <input type="checkbox"/> Other (specify): _____	<input checked="" type="checkbox"/> Historical Board <input type="checkbox"/> Architectural Board <input type="checkbox"/> Consultation <input type="checkbox"/> Pre-Preliminary/Sketch <input type="checkbox"/> Preliminary <input type="checkbox"/> Final <input type="checkbox"/> Interpretation
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PERMIT#: Bldr-178-2021  
 ASSIGNED  
 INSPECTOR: Mike

Referred from Planning Board: YES / NO  
 If yes provide date of Planning Board meeting: \_\_\_\_\_

Project Name: ~~Installation of an 18kW Generac Generator~~ Hauser

Street Address: 3 Hauser Terrace, Tappan NY 10983

Tax Map Designation:  
 Section: 77.11 Block: 1 Lot(s): 8.3  
 Section: \_\_\_\_\_ Block: \_\_\_\_\_ Lot(s): \_\_\_\_\_

Directional Location:  
 On the West side of Hauser Terrace, approximately 200 feet North of the intersection of Kings Highway, in the Town of Orangetown in the hamlet/village of Tappan.

Acreage of Parcel <u>0.71</u> School District <u>SOCSD</u> Ambulance District <u>SOUTH ORANGETOWN</u> Water District <u>SUBZ</u>	Zoning District <u>B-1S</u> Postal District <u>TAPPAN</u> Fire District <u>TAPPAN FIRE DISTRICT</u> Sewer District <u>ORANGETOWN</u>
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**Project Description:** *(If additional space required, please attach a narrative summary.)*  
 Installation of an 18kW Generac Generator on the North side of the home, within 3 feet of the house. The North side of the home faces the Sparkill Creek.

The undersigned agrees to an extension of the statutory time limit for scheduling a public hearing.  
 Date: 1/12/22 Applicant's Signature: [Signature]

# APPLICATION REVIEW FORM

**Applicant:** Joseph Hauser Phone # 973-842-1034

**Address:** 3 Hauser Terrace Tappan NY 10983  
Street Name & Number (Post Office) City State Zip Code

**Property Owner:** Joseph Hauser Phone # 973-842-1034

**Address:** 3 Hauser Terrace Tappan NY 10983  
Street Name & Number (Post Office) City State Zip Code

**Engineer/Architect/Surveyor:** \_\_\_\_\_ Phone # \_\_\_\_\_

**Address:** \_\_\_\_\_  
Street Name & Number (Post Office) City State Zip Code

**Attorney:** \_\_\_\_\_ Phone # \_\_\_\_\_

**Address:** \_\_\_\_\_  
Street Name & Number (Post Office) City State Zip Code

**Contact Person:** Joseph Hauser Phone # 973-842-1034

**Address:** 3 Hauser Terrace Tappan NY 10983  
Street Name & Number (Post Office) City State Zip Code

## GENERAL MUNICIPAL LAW REVIEW:

This property is within 500 feet of:  
*(Check all that apply)*

**IF ANY ITEM IS CHECKED, A REVIEW MUST BE DONE BY THE ROCKLAND COUNTY COMMISSIONER OF PLANNING UNDER THE STATE GENERAL MUNICIPAL LAW, SECTIONS 239 L, M, N, AND NN.**

\_\_\_\_\_ State or County Road  
\_\_\_\_\_ Long Path  
\_\_\_\_\_ Municipal Boundary

\_\_\_\_\_ State or County Park  
\_\_\_\_\_ County Stream  
\_\_\_\_\_ County Facility

List name(s) of facility checked above:

\_\_\_\_\_  
\_\_\_\_\_

### Referral Agencies:

\_\_\_\_\_ RC Highway Department  
\_\_\_\_\_ RC Drainage Agency  
\_\_\_\_\_ NYS Dept. of Transportation  
\_\_\_\_\_ NYS Thruway Authority  
\_\_\_\_\_ Adjacent Municipality  
\_\_\_\_\_ Other

\_\_\_\_\_ RC Division of Environmental Resources  
\_\_\_\_\_ RC Dept. of Health  
\_\_\_\_\_ NYS Dept. of Environmental Conservation  
\_\_\_\_\_ Palisades Interstate Park Commission

# APPLICATION REVIEW FORM

## FILL IN WHERE APPLICABLE.

( IF THE FOLLOWING DOES NOT APPLY PLEASE MOVE ON TO THE NEXT PAGE )

### If subdivision:

- 1) Is any variance from the subdivision regulations required? \_\_\_\_\_
- 2) Is any open space being offered? \_\_\_\_ If so, what amount? \_\_\_\_\_
- 3) Is this a standard or average density subdivision? \_\_\_\_\_

### If site plan:

- 1) Existing square footage \_\_\_\_\_
- 2) Total square footage \_\_\_\_\_
- 3) Number of dwelling units \_\_\_\_\_

If **special permit**, list special permit use and what the property will be used for.

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### Environmental Constraints:

Are there **slopes greater than 25%**? If yes, please indicate the amount and show the gross and net area \_\_\_\_\_

Are there **streams** on the site? If yes, please provide the names. \_\_\_\_\_

Are there **wetlands** on the site? If yes, please provide the names and type:

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### Project History:

Has this project ever been reviewed before? <sup>NO</sup> \_\_\_\_\_

If so, provide a narrative, including the list case number, name, date, and the board(s) you appeared before, and the status of any previous approvals.

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List tax map section, block & lot numbers for all other abutting properties in the same ownership as this project.

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OFFICE OF BUILDING, ZONING, PLANNING,  
ADMINISTRATION AND ENFORCEMENT  
**TOWN OF ORANGETOWN**  
20 Greenbush Road  
Orangeburg, N.Y. 10962

Jane Slavin, R.A.  
Director

(845)359-8410

Fax: (845) 359-8526

**HISTORICAL AREAS BOARD OF REVIEW REFERRAL LETTER**

Date: November 19, 2021

Applicant: Hauser

Address: 3 Hauser Terrace, Tappan, NY

RE: Application Made at: same

Subject Referral for: Chapter 12 Section 12-4 Paragraph A requires HABR Approval

Section: 77.11 Block: 1 Lot: 8.3

Dear Hauser:

Please be advised that the Building Permit Application, which you submitted on November 18, 2021, has been referred to appear before the H.A.B.R. I have enclosed a copy of your application, where you will find at the bottom the reason for denial.

The Clerk to the Historical Areas Board of Review, Debbie Arbolino, can assist you in the preparation necessary to appear before the board. Please contact her at 845-359-8410 ext. 4331 or [darbolino@orangetown.com](mailto:darbolino@orangetown.com)

Sincerely,

  
\_\_\_\_\_ 11.19.21

Richard Oliver  
Deputy Building Inspector

  
\_\_\_\_\_ 11.19.21

Signature of Director  
NOTE: PLEASE KEEP FOR YOUR RECORDS  
12-31-18-CCC

Date  
CC: Rosanna Sfraga  
Liz Decort  
Debbie Arbolino

BIDR-178-2021

PERMIT EXPIRES TWO (2) YEARS FROM DATE OF ISSUANCE.  
TWO SIX (6) MONTH EXTENSIONS MAY BE GRANTED PRIOR TO EXPIRATION DATE.  
APPLICATION FOR BUILDING / DEMOLITION PERMIT

TOWN OF ORANGETOWN

20 Greenbush Road, Orangeburg, NY 10962 Phone: (845) 359-8410 Fax: (845) 359-8526

ZONE: R-15 GML OFFICIAL USE ONLY ACREAGE: .68  
 Inspector: Mike Date App Received: 11-18-21 Received By: Blenda  
 Permit No. BIDR-178-2021 Date Issued: \_\_\_\_\_  
 CO No. \_\_\_\_\_ Date Issued: \_\_\_\_\_  
 Permit Fee: \$ 276.- Ck# 2523 Paid By Valentine Electric, Inc.  
 GIS Fee: 20.- Ck# 2522 Paid By " "  
 Stream Maintenance Fee Ck # \_\_\_\_\_ Paid By \_\_\_\_\_  
 Additional Fee: \_\_\_\_\_ Ck# \_\_\_\_\_ Date Paid \_\_\_\_\_ Paid By \_\_\_\_\_  
 1<sup>st</sup> 6 mo. Ext.: \_\_\_\_\_ Ck # \_\_\_\_\_ Exp. Date: \_\_\_\_\_ Paid By \_\_\_\_\_  
 2<sup>nd</sup> 6 mo. Ext.: \_\_\_\_\_ Ck # \_\_\_\_\_ Exp. Date: \_\_\_\_\_ Paid By \_\_\_\_\_

APPLICANT COMPLETES:

Note: See inside for instructions for completing this application,  
PAGES 2, 3 and PAGE 4 must be reviewed and PAGES 3 & 4 must signed by the applicant.

Scanned 11/18/21

Property Location: 3 Hauser Terrace, Tappan NY 10983  
 Section: 77.11 Block: 1 Lot: 8.3  
 Property Owner: Joseph Hauser  
 Mailing Address: 3 Hauser Terrace, Tappan NY 10983  
 Email: jhauserjr@yahoo.com Phone #: 973-842-1034  
 Lessee (Business Name): \_\_\_\_\_  
 Mailing Address: \_\_\_\_\_  
 Email: \_\_\_\_\_ Phone #: \_\_\_\_\_  
 Type of Business /Use: Single Family Residential  
 Contact Person: Billy D. Valentine Relation to Project: Project Manager  
 Email: billydvalentine@gmail.com Phone#: 845-398-1339  
 Architect/Engineer: \_\_\_\_\_ NYS Lic # \_\_\_\_\_  
 Address: \_\_\_\_\_ Phone#: \_\_\_\_\_  
 Builder/General Contractor: \_\_\_\_\_ RC Lic # \_\_\_\_\_  
 Address: \_\_\_\_\_ Phone#: \_\_\_\_\_  
 Plumber: Joseph Hauser RC Lic # P-89-P-H-C-0  
 Address: 3 Hauser Terrace, Tappan NY 10983 Phone#: 973-842-1034  
 Electrician: Valentine Electric Inc. - Paul W. Valentine RC Lic #: E-384  
 Address: 374 Greenbush Road, Blauvelt NY 10913 Phone#: E-384  
 Heat/Cooling: \_\_\_\_\_ RC Lic#: \_\_\_\_\_  
 Address: \_\_\_\_\_ Phone#: \_\_\_\_\_  
 Existing use of structure or land: Single Family Residential  
 Proposed Project Description: Installation of a 18kW Generac Generator with a 200 Amp Service Rated Automatic Transfer Switch  
 Proposed Square Footage: \_\_\_\_\_ Estimated Construction Value (\$): 8,000.00

BUILDING DEPARTMENT COMPLETES BELOW

PLANS REVIEWED: \_\_\_\_\_

PERMIT REFERRED / DENIED FOR: \_\_\_\_\_

Chapter 12 Section 12-4 Paragraph A requires HABR approval

Deputy 11-19-21  
HISTORIC

FOR OFFICE USE ONLY SECTION BLOCK LOT NAME PERMIT#

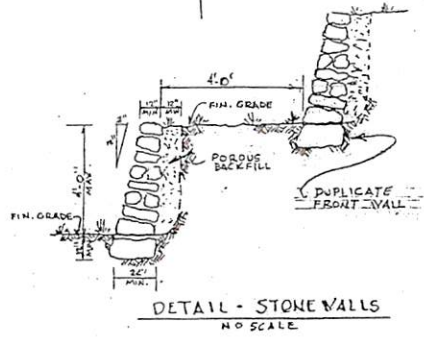
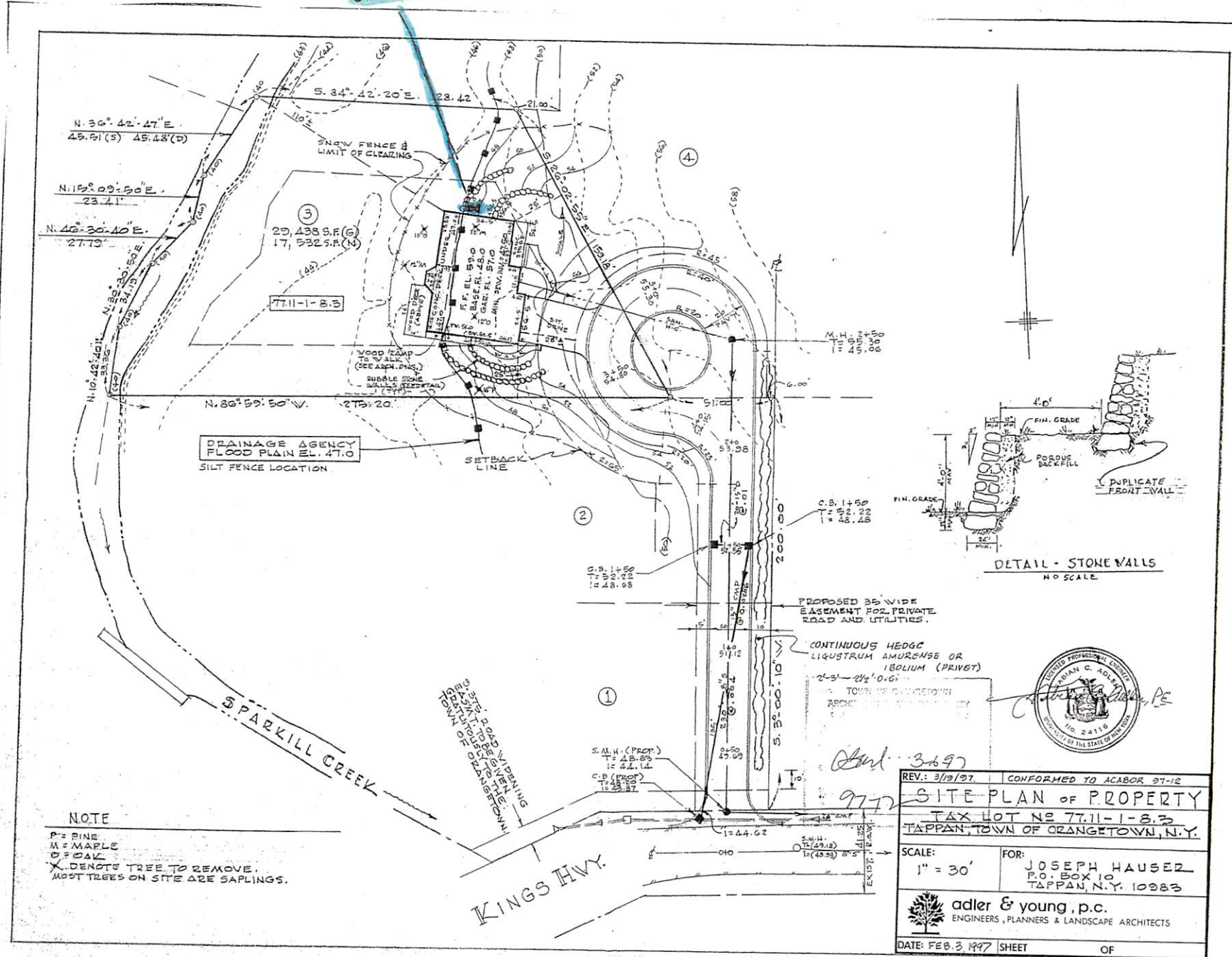
SWIS	PRINT KEY	NAME	ADDRESS
392489	77.07-1-27	Jennifer Longano	23 Old Mill Ln, Tappan, NY 10913
392489	77.10-2-10	Elizabeth F Matsuda	98 Greenbush Rd, Tappan, NY 10983
<del>392489</del>	<del>77.10-2-11</del>	<del>Cynthia Ann Miller</del>	<del>94 Greenbush Rd, Tappan, NY 10983</del>
392489	77.10-2-12	Jennifer Cancro	90 Greenbush Rd, Tappan, NY 10983
392489	77.11-1-1	Nicholas Woodford	115 Greenbush Rd, Tappan, NY 10983
392489	77.11-1-2	John Higgins	111 Greenbush Rd, Tappan, NY 10983
392489	77.11-1-3	Raymond Virta	101 Greenbush Rd, Tappan, NY 10983
392489	77.11-1-4	Grizzly Realty LLC	16 Charles St, Nanuet, NY 10954
392489	77.11-1-5	Craig Dixon	14 McLeod Ter, New City, NY 10956
392489	77.11-1-8.1	Mano R Zachariah	1 Hauser Ter, Tappan, NY 10983
392489	77.11-1-8.2	Robert Zimmerman	2 Hauser Ter, Tappan, NY 10983
392489	77.11-1-8.3	Joseph Hauser	3 Hauser Ter, Tappan, NY 10983
392489	77.11-1-8.4	William Hauser	4 Hauser Terr, Tappan, NY 10983
392489	77.11-1-10	John Morton	86 Kings Hwy, Tappan, NY 10983
	77.10-2-15	Tappan Reformed Cemetery	32 Old Tappan Rd., Tappan, NY 10983
	77.10-2-9	Joan Biernacki	116 Greenbush Rd., Tappan, NY 10983
	77.11-1-11	Church of Our Lady of Sacred Heart	120 Kings Hwy, Tappan, NY 10983

Hauser  
77.11-1-8.3  
3 Hauser Terr.





**GENERATOR**



**NOTE**  
 P = PINE  
 M = MAPLE  
 O = OAK  
 X DENOTE TREE TO REMOVE.  
 MOST TREES ON SITE ARE SAPLINGS.



REV: 3/19/97	CONFORMED TO ACASOR 97-12
<b>SITE PLAN OF PROPERTY</b>	
TAX LOT NO 77.11-1-B.3	
TAPPAN, TOWN OF ORANGETOWN, N.Y.	
SCALE: 1" = 30'	FOR: JOSEPH HAUSER P.O. BOX 10 TAPPAN, N.Y. 10983
adler & young, p.c. ENGINEERS, PLANNERS & LANDSCAPE ARCHITECTS	
DATE: FEB. 3, 1997	SHEET OF

# GENERAC®

## GUARDIAN® SERIES Residential Standby Generators Air-Cooled Gas Engine

10/14/18 kW

10/14/18 kW  
10

### INCLUDES:

- True Power™ Electrical Technology
- Two-line multilingual digital LCD Evolution™ controller (English/Spanish/French/Portuguese)
- Two transfer switch options available:  
100 amp 16 circuit switch or  
200 amp service rated smart switch
- Electronic governor
- Standard Wi-Fi® connectivity
- System status & maintenance interval LED indicators
- Sound attenuated enclosure
- Flexible fuel line connector
- Natural gas or LP gas operation
- 5 Year limited warranty
- Listed and labeled by the Southwest Research Institute allowing installation as close as 18 in (457 mm) to a structure.\*

\*Must be located away from doors, windows, and fresh air intakes and in accordance with local codes.

[https://assets.swri.org/library/DirectoryOfListedProducts/ConstructionIndustry/973\\_DoC\\_204\\_13204-01-01\\_Rev9.pdf](https://assets.swri.org/library/DirectoryOfListedProducts/ConstructionIndustry/973_DoC_204_13204-01-01_Rev9.pdf)

### Standby Power Rating

G007171-0, G007172-0 (Aluminum - Bisque) – 10 kW 60 Hz  
G007223-0, G007224-0, G007225-0 (Aluminum - Bisque) – 14 kW 60 Hz  
G007226-0, G007228-0 (Aluminum - Bisque) – 18 kW 60 Hz



QUIET TEST



Note: CETL or CUL certification only applies to unbundled units and units packaged with limited circuit switches. Units packaged with the Smart Switch are ETL or UL certified in the USA only.

## FEATURES

- **INNOVATIVE ENGINE DESIGN & RIGOROUS TESTING** are at the heart of Generac's success in providing the most reliable generators possible. Generac's G-Force engine lineup offers added peace of mind and reliability for when you need it the most. The G-Force series engines are purpose built and designed to handle the rigors of extended run times in high temperatures and extreme operating conditions.
- **TRUE POWER™ ELECTRICAL TECHNOLOGY:** Superior harmonics and sine wave form produce less than 5% Total Harmonic Distortion for utility quality power. This allows confident operation of sensitive electronic equipment and micro-chip based appliances, such as variable speed HVAC systems.
- **TEST CRITERIA:**
  - ✓ **PROTOTYPE TESTED**
  - ✓ **SYSTEM TORSIONAL TESTED**
  - ✓ **NEMA MG1-22 EVALUATION**
  - ✓ **MOTOR STARTING ABILITY**
- **MOBILE LINK® WI-FI CONNECTIVITY:** FREE with select Guardian Series home standby generators, Mobile Link Wi-Fi allows users to monitor the status of the generator from anywhere in the world using a smartphone, tablet, or PC. Easily access information such as the current operating status and maintenance alerts. Users can connect an account to an authorized service dealer for fast, friendly, and proactive service. With Mobile Link, users are taken care of before the next power outage.
- **SOLID-STATE, FREQUENCY COMPENSATED VOLTAGE REGULATION:** This state-of-the-art power maximizing regulation system is standard on all Generac models. It provides optimized FAST RESPONSE to changing load conditions and MAXIMUM MOTOR STARTING CAPABILITY by electronically torque-matching the surge loads to the engine. Digital voltage regulation at ±1%.
- **SINGLE SOURCE SERVICE RESPONSE** from Generac's extensive dealer network provides parts and service know-how for the entire unit, from the engine to the smallest electronic component.
- **GENERAC TRANSFER SWITCHES:** Long life and reliability are synonymous with GENERAC POWER SYSTEMS. One reason for this confidence is the GENERAC product line is offered with its own transfer systems and controls for total system compatibility.

THE GENERAC PROMISE



\* Assembled in the USA using domestic and foreign parts.

### 10/14/18 kW

#### Engine

- Generac G-Force design  
Maximizes engine "breathing" for increased fuel efficiency. Plateau honed cylinder walls and plasma moly rings help the engine run cooler, reducing oil consumption and resulting in longer engine life.
- "Spiny-lok" cast iron cylinder walls  
Rigid construction and added durability provide long engine life.
- Electronic ignition/spark advance  
These features combine to assure smooth, quick starting every time.
- Full pressure lubrication system  
Pressurized lubrication to all vital bearings means better performance, less maintenance, and longer engine life. Now featuring up to a 2 year/200 hour oil change interval.
- Low oil pressure shutdown system  
Shutdown protection prevents catastrophic engine damage due to low oil.
- High temperature shutdown  
Prevents damage due to overheating.

#### Generator

- Revolving field  
Allows for a smaller, light weight unit that operates 25% more efficiently than a revolving armature generator.
- Skewed stator  
Produces a smooth output waveform for compatibility with electronic equipment.
- Displaced phase excitation  
Maximizes motor starting capability.
- Automatic voltage regulation  
Regulating output voltage to  $\pm 1\%$  prevents damaging voltage spikes.
- UL 2200 listed  
For your safety.

#### Transfer Switch (if applicable)

- Fully automatic  
Transfers vital electrical loads to the energized source of power.
- NEMA 3R  
Can be installed inside or outside for maximum flexibility.
- Remote mounting  
Mounts near an existing distribution panel for simple, low-cost installation.

#### Evolution™ Controls

- AUTO/MANUAL/OFF illuminated buttons  
Select the operating mode and provide easy, at-a-glance status indication in any condition.
- Two-line multilingual LCD  
Provides homeowners easily visible logs of history, maintenance, and events up to 50 occurrences.
- Sealed, raised buttons  
Smooth, weather-resistant user interface for programming and operations.
- Utility voltage sensing  
Constantly monitors utility voltage, setpoints 65% dropout, 80% pick-up, of standard voltage.
- Generator voltage sensing  
Constantly monitors generator voltage to verify the cleanest power is delivered to the home.
- Utility interrupt delay  
Prevents nuisance startups of the engine, adjustable 2–1500 seconds from the factory default setting of 5 seconds by a qualified dealer.
- Engine warm-up  
Verifies engine is ready to assume the load. Setpoint approximately 5 seconds.
- Engine cool-down  
Allows engine to cool prior to shutdown. Setpoint approximately 1 minute.
- Programmable exercise  
Operates engine to prevent oil seal drying and damage between power outages by running the generator for 5 minutes every other week. Offers a selectable setting for weekly or monthly operation, providing flexibility and potentially lower fuel costs to the owner.
- Smart battery charger  
Delivers charge to the battery only when needed at varying rates depending on outdoor air temperature. Compatible with lead acid and AGM-style batteries.
- Main line circuit breaker  
Protects generator from overload.
- Electronic governor  
Maintains constant 60 Hz frequency.

#### Unit

- SAE weather protective enclosure  
Sound attenuated enclosures ensure quiet operation and protection against mother nature, withstanding winds up to 150 mph (241 km/h). Hinged key locking roof panel for security. Lift-out front for easy access to all routine maintenance items. Electrostatically applied textured epoxy paint for added durability.
- Enclosed critical grade muffler  
Quiet, critical grade muffler is mounted inside the unit to prevent injuries.
- Small, compact, attractive  
Makes for an easy, eye appealing installation, as close as 18 in (457 mm) away from a structure.

**10/14/18 kW****Installation System**

- 14 in (35.6 cm) flexible fuel line connector  
Listed ANSI Z21.75/CSA 6.27 outdoor appliance connector for the required connection to the gas supply piping.
- Integral sediment trap  
Meets IFGC and NFPA 54 installation requirements.

**Connectivity**

- Ability to view generator status  
Monitor your generator with a smartphone, tablet, or computer at any time via the Mobile Link application for complete peace of mind.
- Ability to view generator Exercise/Run and Total Hours  
Review the generator's complete protection profile for exercise hours and total hours.
- Ability to view generator maintenance information  
Provides maintenance information for your specific model generator when scheduled maintenance is due.
- Monthly report with previous month's activity  
Detailed monthly reports provide historical generator information.
- Ability to view generator battery information  
Built in battery diagnostics displaying current state of the battery.
- Weather information  
Provides detailed local ambient weather conditions for generator location.

### 10/14/18 kW

#### Generator

Model	G007171-0, G007172-0 (10 kW)	G007223-0, G007224-0, G007225-0 (14 kW)	G007226-0, G007228-0 (18 kW)
Rated maximum continuous power capacity (LP)	10,000 Watts*	14,000 Watts*	18,000 Watts*
Rated maximum continuous power capacity (NG)	9,000 Watts*	14,000 Watts*	17,000 Watts*
Rated voltage	240		
Rated maximum continuous load current – 240 volts (LP/NG)	41.7 / 37.5	58.3 / 58.3	75.0 / 70.8
Total Harmonic Distortion	Less than 5%		
Main line circuit breaker	45 Amp	60 Amp	80 Amp
Phase	1		
Number of rotor poles	2		
Rated AC frequency	60 Hz		
Power factor	1.0		
Battery requirement (not included)	12 Volts, Group 26R 540 CCA Minimum or Group 35AGM 650 CCA Minimum		
Unit weight (lb/kg)	338/153	385/175	420/191
Dimensions (L x W x H) in / cm	48 x 25 x 29 / 121.9 x 63.5 x 73.7		
Sound output in dB(A) at 23 ft (7 m) with generator operating at normal load**	61	65	65
Sound output in dB(A) at 23 ft (7 m) with generator in Quiet-Test™ low-speed exercise mode**	57	55	55
Exercise duration	5 min		

#### Engine

	GENERAC G-Force 400 Series	GENERAC G-Force 800 Series	
Engine type	1	2	
Number of cylinders	460 cc	816 cc	
Displacement	Aluminum w/ cast iron sleeve		
Cylinder block	Overhead valve		
Valve arrangement	Solid	Hydraulic	
Lifter type	Solid-state w/ magneto		
Ignition system	Electronic		
Governor system	9.5:1		
Compression ratio	12 VDC		
Starter	Approx. 1.1 qt / 1.0 L		
Oil capacity including filter	3,600		
Operating rpm	Approx. 2.2 qt / 2.1 L		
Fuel consumption			
Natural Gas	ft <sup>3</sup> /hr (m <sup>3</sup> /hr)		
	1/2 Load	101 (2.86)	195 (5.52)
	Full Load	127 (3.60)	256 (7.25)
Liquid Propane	ft <sup>3</sup> /hr (gal/hr) [L/hr]		
	1/2 Load	36 (0.97) [3.66]	65 (1.81) [6.87]
	Full Load	54 (1.48) [5.62]	112 (3.07) [11.61]
			62 (1.70) [6.45]
			110 (3.02) [11.44]

Note: **Fuel pipe must be sized for full load.** Required fuel pressure to generator fuel inlet at all load ranges - 3.5–7.0 in water column (0.87–1.74 kPa) for NG, 10–12 in water column (2.49–2.99 kPa) for LP gas. For BTU content, multiply ft<sup>3</sup>/hr x 2,500 (LP) or ft<sup>3</sup>/hr x 1,000 (NG). For Megajoule content, multiply m<sup>3</sup>/hr x 93.15 (LP) or m<sup>3</sup>/hr x 37.26 (NG).

#### Controls

Two-line plain text multilingual LCD	Simple user interface for ease of operation.
Mode buttons: AUTO	Automatic start on utility failure. Weekly, Bi-Weekly, or Monthly selectable exerciser.
MANUAL	Start with starter control, unit stays on. If utility fails, transfer to load takes place.
OFF	Stops unit. Power is removed. Control and charger still operate.
Ready to Run/Maintenance messages	Standard
Engine run hours indication	Standard
Programmable start delay between 2–1500 seconds	Standard (programmable by dealer only)
Utility voltage loss/Return to utility adjustable (brownout setting)	From 140-171 V / 190-216 V
Future set capable exerciser/Exercise set error warning	Standard
Run/Alarm/Maintenance logs	50 events each
Engine start sequence	Cyclic cranking: 16 sec on, 7 sec rest (90 sec maximum duration).
Starter lock-out	Starter cannot re-engage until 5 sec after engine has stopped.
Smart Battery Charger	Standard
Charger Fault/Missing AC Warning	Standard
Low Battery/Battery Problem Protection and Battery Condition Indication	Standard
Automatic Voltage Regulation with Over and Under Voltage Protection	Standard
Under-Frequency/Overload/Stepper Overcurrent Protection	Standard
Safety Fused/Fuse Problem Protection	Standard
Automatic Low Oil Pressure/High Oil Temperature Shutdown	Standard
Overcrank/Overspeed (@ 72 Hz)/rpm Sense Loss Shutdown	Standard
High Engine Temperature Shutdown	Standard
Internal Fault/Incorrect Wiring Protection	Standard
Common External Fault Capability	Standard
Field Upgradable Firmware	Standard

Rating definitions – Optional Standby: Applicable for supplying backup power for the duration of the utility power outage with correct maintenance performed. No overload capability is available for this rating. (All ratings in accordance with BS5514, ISO3046, UL2200, and DIN6271).

\* Maximum kilovolt amps and current are subject to and limited by such factors as fuel BTU/Megajoule content, ambient temperature, altitude, engine power and condition, etc. Maximum power decreases approximately 3.5% for each 1,000 ft (304.8 m) above sea level and approximately 1% for each 10 °F (6 °C) above 60 °F (16 °C). \*\*Sound levels are taken from the front of the generator. Sound levels taken from other sides of the generator may be higher depending on installation parameters.

### 10/14/18 kW

#### Limited Circuits Switch Features

- 16 space, 24 circuit. Breakers not included.
- Electrically operated, mechanically-held contacts for fast, positive connections.
- Rated for all classes of load, 100% equipment rated, both inductive and resistive.
- 2-pole, 250 VAC contactors.
- 30 millisecond transfer time.
- Dual coil design.
- Rated for both copper and aluminum conductors.
- Main contacts are silver plated or silver alloy to resist welding and sticking.
- NEMA/UL 3R aluminum outdoor enclosure allows for indoor or outdoor mounting flexibility.
- Multi listed for use with 1 in standard, tandem, GFCI, and AFCI breakers from Siemens, Murray, Eaton, and Square D for the most flexible and cost effective install.

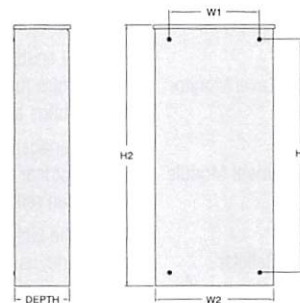
#### Dimensions

	Height		Width		Depth
	H1	H2	W1	W2	
in	26.75	30.1	10.5	13.5	6.91
cm	67.94	76.43	26.67	34.18	17.54

Wire Ranges		
Conductor Lug	Neutral Lug	Ground Lug
2/0 - #14	2/0 - #14	2/0 - #14

Model	G007172-0 (10 kW)	G007224-0 (14 kW)
No. of poles	2	
Current rating (amps)	100	
Voltage rating (VAC)	120 / 240, 1Ø	
Utility voltage monitor (fixed)*		
-Pick-up	80%	
-Dropout	65%	
Return to utility*	Approx. 15 sec	
Exercises bi-weekly for 5 minutes*	Standard	
ETL or UL Listed	Standard	
Total circuits available	24	
Tandem breaker capabilities	8 tandems	
Circuit breaker protected		
Available RMS Symmetrical Fault Current @ 250 Volts	10,000	

\*Function of Evolution controller  
Exercise can be set to weekly or monthly



#### Service Rated Smart Switch Features

- Includes Smart A/C Management (SACM) module standard.
- Intelligently manages up to four air conditioner loads with no additional hardware.
- Up to eight large (240 VAC) loads can be managed with Smart Management Modules (SMMs).
- Electrically operated, mechanically-held contacts for fast, clean connections.
- Rated for all classes of load, 100% equipment rated, both inductive and resistive.
- 2-pole, 250 VAC contactors.
- Service equipment rated, dual coil design.
- Rated for both aluminum and copper conductors.
- Main contacts are silver plated or silver alloy to resist welding and sticking.
- NEMA/UL 3R aluminum outdoor enclosure allows for indoor or outdoor mounting flexibility.

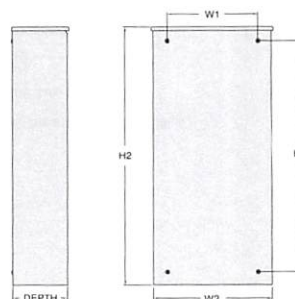
#### Dimensions

	200 Amps 120/240, 1Ø Open Transition Service Rated				Depth
	Height		Width		
	H1	H2	W1	W2	
in	26.75	30.1	10.5	13.5	6.3
cm	67.94	76.45	26.67	34.3	16.01

Wire Ranges		
Conductor Lug	Neutral Lug	Ground Lug
400 MCM - #4	350 MCM - #6	2/0 - #14

Model	G007225-0 (14 kW)	G007228-0 (18 kW)
No. of poles	2	
Current rating (amps)	200	
Voltage rating (VAC)	120/240, 1Ø	
Utility voltage monitor (fixed)*		
-Pick-up	80%	
-Dropout	65%	
Return to utility*	15 sec	
Exercises bi-weekly for 5 minutes*	Standard	
ETL or UL Listed	Standard	
Enclosure type	NEMA/UL 3R	
Circuit breaker protected	22,000	
Lug range	250 MCM - #6	

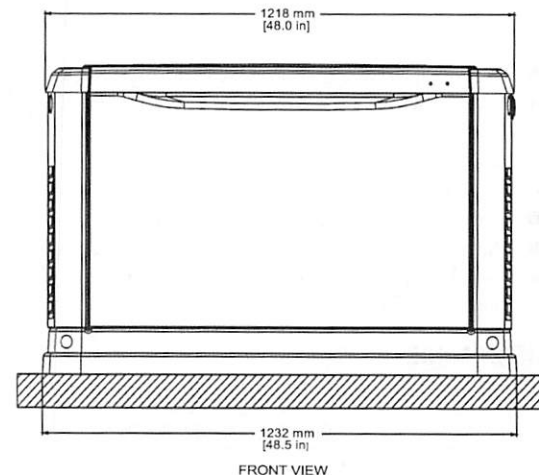
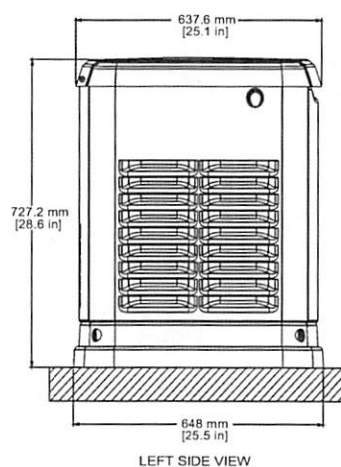
\*Function of Evolution Controller  
Exercise can be set to weekly or monthly



Model #	Product	Description
G005819-0	26R Wet Cell Battery	Every standby generator requires a battery to start the system. Generac offers the recommended 26R wet cell battery for use with all air-cooled standby product (excluding PowerPact®).
G007101-0	Battery Pad Warmer	The pad warmer rests under the battery. Recommended for use if the temperature regularly falls below 0 °F (-18 °C). (Not necessary for use with AGM-style batteries).
G007102-0	Oil Warmer	Oil warmer slips directly over the oil filter. Recommended for use if the temperature regularly falls below 0 °F (-18 °C).
G007103-1	Breather Warmer	The breather warmer is for use in extreme cold weather applications. For use with Evolution controllers only in climates where heavy icing occurs.
G005621-0	Auxiliary Transfer Switch Contact Kit	The auxiliary transfer switch contact kit allows the transfer switch to lock out a single large electrical load you may not need. Not compatible with 50 amp pre-wired switches.
G007027-0 - Bisque	Fascia Base Wrap Kit	The fascia base wrap snaps together around the bottom of the new air cooled generators. This offers a sleek, contoured appearance as well as offering protection from rodents and insects by covering the lifting holes located in the base.
G005703-0 - Bisque	Touch-Up Paint Kit	If the generator enclosure is scratched or damaged, it is important to touch up the paint to protect from future corrosion. The touch-up paint kit includes the necessary paint to correctly maintain or touch up a generator enclosure.
G006482-0 – 10 kW G007216-0 – 14 / 18 kW	Scheduled Maintenance Kit	Generac's scheduled maintenance kits provide all the items necessary to perform complete routine maintenance on a Generac automatic standby generator (oil not included).
G007005-0	Wi-Fi LP Fuel Level Monitor	The Wi-Fi enabled LP fuel level monitor provides constant monitoring of the connected LP fuel tank. Monitoring the LP tank's fuel level is an important step in verifying the generator is ready to run during an unexpected power failure. Status alerts are available through a free application to notify users when the LP tank is in need of a refill.
G007000-0 (50 amps) G007006-0 (100 amps)	Smart Management Module	Smart Management Modules (SMM) are used to optimize the performance of a standby generator. It manages large electrical loads upon startup and sheds them to aid in recovery when overloaded. In many cases, using SMM's can reduce the overall size and cost of the system.
G007169-0 (4G LTE) G007170-0 (Wi-Fi/Ethernet)	Mobile Link® Cellular Accessories	The Mobile Link family of Cellular Accessories allow users to monitor the status of the generator from anywhere in the world, using a smartphone, tablet, or PC. Easily access information such as the current operating status and maintenance alerts. Users can connect an account with an authorized service dealer for fast, friendly, and proactive service. With Mobile Link, users are taken care of before the next power outage.

## Dimensions & UPCs

Model	UPC
G007171-0	696471074680
G007172-0	696471074673
G007223-0	696471082548
G007224-0	696471082555
G007225-0	696471082562
G007226-0	696471082579
G007228-0	696471082586



Dimensions shown are approximate. See installation manual for exact dimensions. DO NOT USE THESE DIMENSIONS FOR INSTALLATION PURPOSES.