



City of Belle Isle Job Site Permit Card **ELECTRICAL** 2021-04-050

Class: Residential

Site Address: 1436 Conway Isle Cir- Belle Isle, FL 32809

Parcel Number: 24-23-29-3490-00-520. Municipality Belle Isle

INSPECTIONS CANNOT BE SCHEDULED IF A NOC IS PENDING FOR THIS PROJECT

Description of Work: INSTALL 24KW STANDBY GENERATOR. REPLACES VOID PERMIT 2020-09-071.

Generator unit location must NOT be visible from the street, comply with all clearances, including operable openings, as per manufacturer's instructions.

Issued: BOB HEINMILLER AIR CONDITIONING INC, DERRINGER, MARK E # EC0001898

Contact # 407 422-7657

Payment/ Issued Date & Method: 4 / 23 / 2021

Picked up by _____ Sent by mail to the mailing address Emailed

Visa Master Card Amex Discover Check / Money Order#

7 8 5 /

FOR POOL INSPECTIONS, PLEASE REFER TO MAIN POOL PERMIT FOR SPECIFIC POOL INSPECTIONS & CODES

Schedule Inspections via Email at: BDscheduling@universalengineering.com BY 3:00 PM CUT OFF TIME

Inspection inquiries regarding results are to be emailed to: BDscheduling@UniversalEngineering.com

ELECTRICAL	INSPECTOR	DATE	COMMENTS
300 Temp Pole			
310 TUG			
320 Underground			
325 Electrical Above – Ceiling			
330 Rough			
340 Footer Steel Bonding			
350 Pool Light			
360 Pre Power			
370 Meter Re Set			
380 Final			

LOW VOLTAGE ONLY	INSPECTOR	DATE	COMMENTS
335 Rough			This inspection is only for low voltage!
375 Final			This inspection is only for low voltage!

PLEASE NOTE: In order to schedule any inspections, the PERMIT / plans-specs. must be issued and POSTED on the JOB SITE! THIS WILL AVOID ANY FAILED INSPECTIONS & RE-INSPECTION FEES. A permit expires in 6 months if approved inspections are not recorded /scheduled within that time frame. You are responsible for scheduling and keeping track all of your inspections -

★ Inspection requests are to be emailed to BDscheduling@UniversalEngineering.com; a confirmation email will be sent back to you upon scheduling. **Next-Day Inspection requests must be made by 3:00 p.m.** Please include the following requirements in your request:

- 1) Project Address
- 2) Corresponding Permit Number
- 3) Type of Inspection (Please reference your permit card for inspection codes)
- 4) Date of Inspection (If no date is specified, the inspection will be scheduled for the next business day)
- 5) Contact Name
- 6) Contact Phone Number
- 7) Gate / Entry code (If applicable)
- 8) AM, PM, or Any Time (We do our best to accommodate time requests but cannot guarantee an exact arrival)

Universal Engineering Sciences - 3532 Maggie Blvd., Orlando, FL 32811407-581-8161 * Fax 407-581-0313 www.universalengineering.com

"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."



City of Belle Isle

Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL 32811
Tel 407-581-8161 * Fax 407-581-0313 * www.universalengineering.com



APPLICATION FOR ELECTRICAL PERMIT

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

DATE OF APPLICATION: 3-26-2021 PERMIT NUMBER 2021-04-050
The undersigned hereby applies for a permit to make electrical installations as indicated below. PLEASE PRINT

Project Address 1430 Conway Isle Circle Belle Isle FL 32809 32812
Property Owner Keith Diurni Phone 407-422-7457
Property Owner's Mailing Address 1430 Conway Isle Circle City Belle Isle
State FL Zip Code 32809 Parcel Id Number: 24-23-29-3410-00-520

Class of Building: Old [] New [] Type of Building: Residential [X] Commercial [] Other []
Type of Work: New [] Alteration [X] Addition [] Repair [] Low Voltage New [] Existing []

Table with 4 columns: Dishwasher, Exhaust Fan, Disposal, Water Heater, Hood Fan, Dryer, Paddle Fan, Outlets, Fixtures, Spa, Pool, Switches, Electric Signs, Meter Reset, Low Voltage, Stoves, Pumps, Motors, Air Conditioning (tons), Furnace (KW)

Temporary Construction Pole One (1) New Meter Service Amperage/Voltage/Phase
Meter Service Upgrade from 150K to 14x5 Difference in Size

Relocate Existing Meter Service (No Service Size Change)
Other: Install 24kw standby generator replaces VOLD permit 2020-09-071

PERMIT FEE BASED ON METER SERVICE SIZE SCHEDULE \$
VALUATION OF JOB (VALUATION OF ALL MATERIALS, LABOR, AND FIXTURES INSTALLED) \$ 14,000.00

Building Official: WO 195252 Date 4-14-21
Verified Contractor's Licenses & Insurance are on file Date 4-15-21
GL/WL needs updating need NCC

Permit Fee = \$ 107.-
Review Fee = \$ 53.50
1% BCAIB Fee = \$ 2 min
1.5% DCA Fee = \$ 2.41
TOTAL Permit = \$ 164.91

Handwritten calculations: 37, 70, 107.7, 53.50, 160.50

I hereby certify that the above is true and correct to the best of my knowledge.
I hereby make Application for Permit as outlined above, and if same is granted I agree to conform to all Florida Building Code Regulations and City Ordinances regulating same and in accordance with plans submitted.

LICENSE HOLDER SIGNATURE Mark Derringer LICENSE # EC10001898
LICENSE HOLDER NAME Mark Derringer COMPANY NAME Bob Heinmiller A/C INC.
Street Address 1537 West Smith Street
City Orlando State FL Zip Code 32804 Phone Number 407-422-7457
Email Address Felicia.green@bobheinmiller.com

NOTE: The Building Permit Number is required if the Electrical Installation is associated with any construction or alteration where a Building Permit has been issued.

Handwritten number: 195252

Building Permit Number 7851 4-23-2021

Permit Number: _____
 Folio/Parcel Identification Number: 24-23-29-3190-05520
 Prepared by: Felicia Green
Bob Heimmiller A/C, INC.

Return to: Felicia Green
1557 West Smith Street
Orlando, FL 32804

NOTICE OF COMMENCEMENT

State of Florida, County of Orange
 The undersigned hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

1. Description of property (legal description of the property, and street address if available)
Highlands at Lake Conway 45111 Lot 52, 1436 Conway Isle Circle, Orlando, FL 32809
2. General description of improvement
Install 24KW Standby generator
3. Owner information or Lessee information if the Lessee contracted for the improvement
 Name Keith & Katharine Durni
 Address 1436 Conway Isle Circle, Orlando, FL 32809
 Interest in Property _____
 Name and address of fee simple titleholder (if different from Owner listed above)
 Name _____
 Address N/A
4. Contractor
 Name Mark Derringer Telephone Number 407-422-7657
 Address 1557 West Smith Street, Orlando, FL 32804
5. Surety (if applicable, a copy of the payment bond is attached)
 Name _____ Telephone Number _____
 Address N/A Amount of Bond \$ _____
6. Lender
 Name _____ Telephone Number _____
 Address N/A
7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by §713.13(1)(a)7, Florida Statutes.
 Name _____ Telephone Number _____
 Address N/A
8. In addition to himself or herself, Owner designates the following to receive a copy of the Lienor's Notice as provided in §713.13(1)(b), Florida Statutes.
 Name _____ Telephone Number _____
 Address N/A
9. Expiration date of notice of commencement (the expiration date may not be before the completion of construction and final payment to the contractor, but will be 1 year from the date of recording unless a different date is specified)
N/A

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

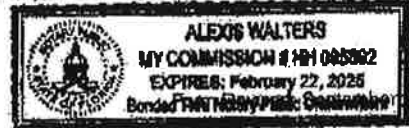
Under penalty of perjury, I declare that I have read the foregoing notice of commencement and that the facts stated in it are true to the best of my knowledge and belief.

Keith Durni _____ Keith Durni _____
 Signature of Owner/Lessee, or Owner's or Lessee's Authorized Officer/Director/Partner/Manager Signatory's Title/Office

The foregoing instrument was acknowledged before me this 24 day of 03/21 by Keith Durni
 as owner for 1436 Conway Isle Circle
 Type of authority, e.g., officer, trustee, attorney in fact Name of party on behalf of whom instrument was executed

 Signature of Notary Public - State of Florida Print, type, or stamp commissioned name of Notary Public

Personally Known _____ OR, Produced ID
 Type of ID Produced Drivers License





CITY OF BELLE ISLE, FLORIDA
Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL 32811
Tel 407-581-8161 * Fax 407-581-0313 * www.universalengineering.com

POWER OF ATTORNEY

Date: 3-26-2021

Permit #: 2021-04-050

I hereby name and appoint Felicia Green of
(print name)

Bob Heinmiller A/C INC. to be my lawful attorney-in-fact to act for
(company name)

me and apply to the City of Belle Isle Building Department for a electrical permit
(type of permit)
for work to be performed at the following location:

1436 Conway Isle Circle, Belle Isle, FL 32809 32812 and
(street address)

to sign my name and do all things necessary to this appointment.

Certified Contractor's Printed Name: Mark Derringer

License Number: EC00001898

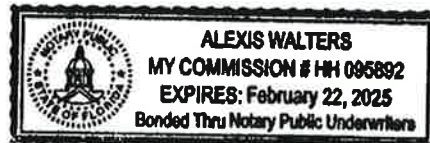
Certified Contractor's Signature: Mark Derringer

.....
The foregoing instrument was acknowledged before me this 26 days of March of 20 21
by Mark Derringer who is personally known to me or who produced
as identification and who did not take an oath.

State of Florida
County of Orange

Notary Public, Orange County, Florida

(seal)



Reviewed for Code Compliance
Universal Engineering Sciences



MARCOPE, LLC

MARCOPE, LLC
5818 LYDA LANE
ORLANDO, FL 32839
(407) 816-9000
Marcope.com

GENERAC

RECEIVED
BY: *[Signature]*
SEP 17 2020

Sizing Report

Sizing Information for:
KATE DURNI
1436 Conway Isle Circle
Orlando, FL 32809

Reviewed for Code Compliance
Universal Engineering Sciences

Allen Johnson
4/14/2021
PX 1653

Rated Nominal Voltage 240
Generator Fuel Choice Propane
Sizing Method (NEC 220) Part IV
(Part III required for selected circuit implementation, Both valid for whole house)

General Lighting & Receptacles			Load (kW)
Square Footage Being Covered (ft ²)	3400		10.2
Small Appliance Circuits (20 amps)			
Kitchen Circuits	2		3
Laundry Circuits	1		1.5

Fixed-In-Place Appliances & Motors	Managed Loads	Estimated (kW)	Nameplate (amps)	240 V	Load (kW)
Refrigerator		0.8	0		0.8
Dryer		5.5	0	X	5.5
Freezer		0.8	0		0.8
Microwave		1.3	0		1.3
Dishwasher		1.5	0		1.5
Oven		5.0	0	X	5.0
Pool Pump		2.0	0		2.0

Air Conditioning & Cooling	Managed Loads	Estimated (kW)	Nameplate (amps)	240 V	Load (kW)

Heating & Heat Pumps	Managed Loads	Estimated (kW)	Nameplate (amps)	240 V	Load (kW)
Heat Pump (2.0 Ton)	X	2.0	0	X	0.0
Heat Pump (5 Ton)		5.0	0	X	5.0

Transient Requirement	Estimated (LRA)	Actual (LRA)	Utilized (LRA)
Largest Motor's Starting Amps (LRA)	144	153	153



	Load (kW)	NEC Required
Summary NEC Load		
General Lighting & Receptacles	14.7	
Fixed-in-Place Appliances & Motors	16.9	
Sum of all General Loads	31.6	18.6
Cooling	0.0	0.0
Heating (w/demand factors)	5.0	5.0
Larger of Heating & Cooling	5.0	5.0
Sizing based on requirements of NEC Article 220, Part IV		23.6
Elevation		0 ft
Minimum size generator for motor starting requirements		20
BTU load required		430000

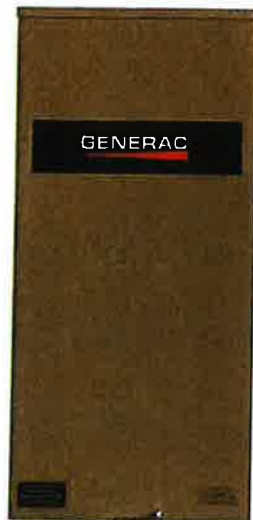
24 kW Generac Model Generator Recommended

GENERAC®

Service and non-Service rated Automatic Smart Transfer Switches

Automatic Transfer Switches

100 - 400 Amps, Single Phase



*CUL only applies to non-service rated switches

Description

Generac Automatic Transfer Switches are designed for use with single phase generators that utilize an Evolution™ or Nexus™ Controller. The 100, 200, and 400 amp open transition switches are available in single phase in both service equipment rated and non-service equipment rated configurations. The 150 and 300 amp open transition switches are only available in a service rated equipment configuration.

Standard Features

Service rated (RXSW) Generac Automatic Transfer Switches are housed in an aluminum NEMA/UL Type 3R enclosure*, with electrostatically applied and baked powder paint. The Heavy Duty Generac Contactor is a UL recognized device, designed for years of service. The controller at the generator handles all the timing, sensing, exercising functions, and transfer commands. All switches are covered by a 5 year limited warranty.

* Non-service rated (RXSC) switches are housed in a steel enclosure.

DPM Technology

Through the use of digital power technology (DPM), these switches have the capability to manage up to 4 individual HVAC (24 VAC controlled) loads with no additional hardware. When used in tandem with Smart Management Modules, up to 8 more loads can be managed as well, providing the most installation efficient power management options available.

100-400 Amps, Single Phase

Automatic Smart Transfer Switches

Functions

All timing and sensing functions originate in the generator controller

Utility voltage drop-out.....	< 65%
Timer to generator start.....	10 second factory set, adjustable between 2-1500 seconds by a qualified dealer*
Engine warm up delay.....	5 seconds
Standby voltage sensor.....	65% for 5 seconds
Utility voltage pickup.....	> 80%
Re-transfer time delay.....	15 seconds
Engine cool-down timer.....	60 seconds
Exerciser.....	5 or 12 minutes adjustable weekly/Bi-weekly/Monthly**

The transfer switch can be operated manually without power applied.

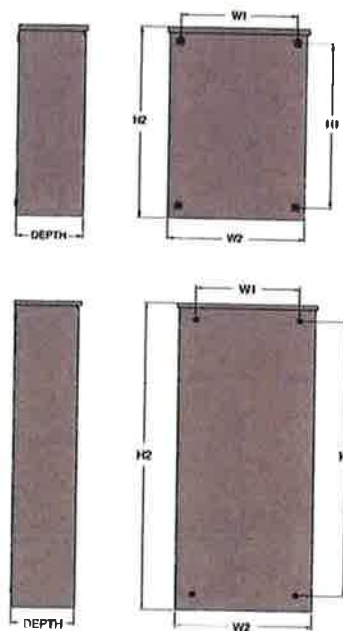
*When used in conjunction with units utilizing Evolution™ controls **Adjustable via the controller

Specifications

Model	RXSC100A3	RXSW100A3	RXSW150A3	RXSC200A3	RXSW200A3	RXSW300A3	RXSC400A3	RXSW400A3
Amps	100	100	150	200	200	300	400	400
Voltage	120/240, 1Ø	120/240, 1Ø	120/240, 1Ø	120/240, 1Ø	120/240, 1Ø	120/240, 1Ø	120/240, 1Ø	120/240, 1Ø
Load Transition Type (Automatic)	Open Transition	Open Transition Service Rated	Open Transition Service Rated	Open Transition	Open Transition Service Rated	Open Transition Service Rated	Open Transition	Open Transition Service Rated
Enclosure Type	NEMA/UL 3R	NEMA/UL 3R	NEMA/UL 3R	NEMA/UL 3R	NEMA/UL 3R	NEMA/UL 3R	NEMA/UL 3R	NEMA/UL 3R
UL Rating	UL/CUL	UL	UL	UL/CUL	UL	UL	UL/CUL	UL
Withstand Rating (Amps)	10,000	10,000	22,000	10,000	22,000	22,000	22,000	22,000
Lug Range	1/0 - #14		250 MCM - #6			600 MCM - #4 or 1/0 - 250 MCM		

Dimensions

Model	RXSC100A3	RXSW100A3	RXSW150A3	RXSC200A3	RXSW200A3	RXSW300A3	RXSC400A3	RXSW400A3	
Height (in./mm)	H1	17.24/437.9	17.24/437.9	26.75/679.4	17.24/437.9	26.75/679.4	42.91/1089.9	31.25/793.8	42.91/1089.9
	H2	20/508	20/508	30/762	20/508	30/762	48/1219.2	36/914.4	48/1219.2
Width (in./mm)	W1	12.5/317.5	12.5/317.5	10.5/266.7	12.5/317.5	10.5/266.7	16.69/423.9	19.18/487.2	16.69/423.9
	W2	14.6/370.8	14.6/370.8	13.5/342.9	14.6/370.8	13.5/342.9	21.82/554.2	24/609.6	21.82/554.2
Depth (in./mm)	7.09/180.1	7.09/180.1	6.3/160.1	7.09/180.1	6.3/160.1	10.06/255.5	10.06/255.5	10.06/255.5	
Weight (lbs./kilos)	20/9.07	22.5/10.21	39/17.69	20/9.07	39/17.69	140/63.5	133/60.33	140/63.5	



GUARDIAN® SERIES Residential Standby Generators Air-Cooled Gas Engine

16/20/22 kW

INCLUDES:

- True Power™ Electrical Technology
- Two Line LCD Multilingual Digital Evolution™ Controller (English/Spanish/French/Portuguese)
- Two Transfer Switch Options Available: 100 Amp, 16 Circuit Switch or 200 Amp Service Rated Smart Switch. See Page 4 for Details.
- Electronic Governor
- Standard Wi-Fi™ Remote Monitoring
- System Status & Maintenance Interval LED Indicators
- Sound Attenuated Enclosure
- Flexible Fuel Line Connector
- Direct-To-Dirt Composite Mounting Pad
- Natural Gas or LP Gas Operation
- 5 Year Limited Warranty
- Listed and Labeled by the Southwest Research Institute allowing installation as close as 18" (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/DirectoryOIListedProducts/ConstructionIndustry/973_DoC_204_13204-01-01_RevB.pdf

Standby Power Rating

- Models G007036-1, G007037-1 (Aluminum - Bisque) - 16 kW 60 Hz
- Model G007035-1 (Aluminum - Bisque) - 16 kW 60 Hz
- Models G007039-1, G007038-1 (Aluminum - Bisque) - 20 kW 60 Hz
- Models G007043-2, G007042-2 (Aluminum - Bisque) - 22 kW 60 Hz



QUIET-TEST™



Note: CUL certification only applies to unbundled units and units packaged with limited circuit switches. Units packaged with the Smart Switch are 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** ✓ **NEMA MG1-22 EVALUATION**
 - ✓ **SYSTEM TORSIONAL TESTED** ✓ **MOTOR STARTING ABILITY**
- **MOBILE LINK™ REMOTE MONITORING:** FREE with every Guardian Series Home standby generator. Allows you to monitor the status of your generator from anywhere in the world using a smartphone, tablet, or PC. Easily access information such as the current operating status and maintenance alerts. Connect your account to your authorized service dealer for fast, friendly and proactive service. With Mobile Link, you 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 that the GENERAC product line includes its own transfer systems and controls for total system compatibility.

THE GENERAC PROMISE



*Generac is an ISO 9001 certified manufacturer.

GENERAC®

features and benefits

Engine

- Generac G-Force design
- "Spiny-lok" cast iron cylinder walls
- Electronic ignition/spark advance
- Full pressure lubrication system
- Low oil pressure shutdown system
- High temperature shutdown

Maximizes engine "breathing" for increased fuel efficiency. Plateau honed cylinder walls and plasma moly rings helps the engine run cooler, reducing oil consumption resulting in longer engine life.

Rigid construction and added durability provide long engine life.

These features combine to assure smooth, quick starting every time.

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.

Shutdown protection prevents catastrophic engine damage due to low oil.

Prevents damage due to overheating.

Generator

- Revolving field
- Skewed stator
- Displaced phase excitation
- Automatic voltage regulation
- UL 2200 listed

Allows for a smaller, light weight unit that operates 25% more efficiently than a revolving armature generator.

Produces a smooth output waveform for compatibility with electronic equipment.

Maximizes motor starting capability.

Regulates the output voltage to $\pm 1\%$ prevents damaging voltage spikes.

For your safety.

Transfer Switch (If applicable)

- Fully automatic
- NEMA 3R
- Remote mounting

Transfers your vital electrical loads to the energized source of power.

Can be installed inside or outside for maximum flexibility.

Mounts near your existing distribution panel for simple, low-cost installation.

Evolution™ Controls

- Auto/Manual/Off illuminated buttons
- Two-line LCD multilingual display
- Sealed, raised buttons
- Utility voltage sensing
- Generator voltage sensing
- Utility interrupt delay
- Engine warm-up
- Engine cool-down
- Programmable exercise
- Smart battery charger
- Main line circuit breaker
- Electronic governor

Selects the operating mode and provides easy, at-a-glance status indication in any condition.

Provides homeowners easily visible logs of history, maintenance and events up to 50 occurrences.

Smooth, weather-resistant user interface for programming and operations.

Constantly monitors utility voltage, setpoints 65% dropout, 80% pick-up, of standard voltage.

Constantly monitors generator voltage to ensure the cleanest power delivered to the home.

Prevents nuisance start-ups of the engine, adjustable 2-1500 seconds from the factory default setting of 5 seconds by a qualified dealer.

Ensures engine is ready to assume the load, setpoint approximately 5 seconds.

Allows engine to cool prior to shutdown, setpoint approximately 1 minute.

Operates engine to prevent oil seal drying and damage between power outages by running the generator for 5 minutes every other week. Also offers a selectable setting for weekly or monthly operation providing flexibility and potentially lower fuel costs to the owner.

Delivers charge to the battery only when needed at varying rates depending on outdoor air temperature. Compatible with lead acid and AGM-style batteries.

Protects generator from overload.

Maintains constant 60 Hz frequency.

Unit

- SAE weather protective enclosure
- Enclosed critical grade muffler
- Small, compact, attractive

Sound attenuated enclosures ensure quiet operation and protection against mother nature, withstanding winds up to 150 mph. 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.

Quiet, critical grade muffler is mounted inside the unit to prevent injuries.

Makes for an easy, eye appealing installation, as close as 18" away from a building.

16/20/22 kW

Installation System

- 1 ft (305 mm) flexible fuel line connector
- Direct-to-dirt composite mounting pad
- Integral sediment trap

Absorbs any generator vibration when connected to rigid pipe.

Complex lattice design prevents settling or sinking of the generator system.

Prevents particles and moisture from entering the fuel regulator and engine, prolonging engine life.

Remote Monitoring

- Ability to view generator status
- Ability to view generator Exercise/Run and Total Hours
- Ability to view generator maintenance information
- Monthly report with previous month's activity.
- Ability to view generator battery information
- Weather information

Monitor your generator via your smartphone, tablet, or computer at any time via the Mobile Link application for complete peace of mind

Review the generator's complete protection profile for exercise hours and total hours

Provides maintenance information for your specific model generator when scheduled maintenance is due

Detailed monthly reports provide historical generator information

Built in battery diagnostics displaying current state of the battery

Provides detailed local ambient weather conditions for generator location

16/20/22 kW

specifications

Generator

Model	G007035-1, G007036-1, G007037-1 (16 kW)	G007038-1, G007039-1 (20 kW)	G007042-2, G007043-2 (22 kW)
Rated Maximum Continuous Power Capacity (LP)	16,000 Watts*	20,000 Watts*	20,000 Watts*
Rated Maximum Continuous Power Capacity (NG)	16,000 Watts*	18,000 Watts*	19,500 Watts*
Rated Voltage	240	240	240
Rated Maximum Continuous Load Current – 240 Volts (LP/NG)	66.7/66.7	83.3/75.0	91.7/81.3
Total Harmonic Distortion	Less than 5%	Less than 5%	Less than 5%
Main Line Circuit Breaker	70 Amp	90 Amp	100 Amp
Phase	1	1	1
Number of Rotor Poles	2	2	2
Rated AC Frequency	60 Hz	60 Hz	60 Hz
Power Factor	1.0	1.0	1.0
Battery Requirement (not included)	12 Volts, Group 28B 500 CCA Minimum or Group 35AGM 650 CCA Minimum		
Unit Weight (lb/kg)	409/186	448/203	466/211
Dimensions (L x W x H) in/mm	48 x 25 x 29 / 1218 x 638 x 732		
Sound output in dB(A) at 23 ft (7 m) with generator operating at normal load**	66	66	67
Sound output in dB(A) at 23 ft (7 m) with generator in Quiet-Tech™ low-speed exercise mode**	58	58	58
Exercise duration	5 min	5 min	5 min

Engine

Type of Engine	GENERAC G-Force 1000 Series		
Number of Cylinders	2	2	2
Displacement	999 cc	999 cc	999 cc
Cylinder Block	Aluminum w/ Cast Iron Sleeve		
Valve Arrangement	Overhead Valve	Overhead Valve	Overhead Valve
Ignition System	Solid-state w/ Magneto	Solid-state w/ Magneto	Solid-state w/ Magneto
Governor System	Electronic	Electronic	Electronic
Compression Ratio	9.5:1	9.5:1	9.5:1
Starter	12 VDC	12 VDC	12 VDC
Oil Capacity including Filter	Approx. 1.9 qt/1.8 L	Approx. 1.9 qt/1.8 L	Approx. 1.9 qt/1.8 L
Operating rpm	3,600	3,600	3,600
Fuel Consumption			
Natural Gas	ft ³ /hr (m ³ /hr)		
1/2 Load	218 (6.17)	204 (5.78)	228 (6.46)
Full Load	309 (8.75)	301 (8.52)	327 (9.26)
Liquid Propane	lb/hr (kg/hr) (l/hr)		
1/2 Load	74 (2.03) [7.70]	87 (2.37) [8.89]	92 (2.53) [9.57]
Full Load	107 (2.94) [11.11]	130 (3.50) [13.48]	142 (3.90) [14.77]

Note: Fuel pipe must be sized for full load. Required fuel pressure to generator fuel inlet at all load ranges - 3.5-7" water column (7-13 mm mercury) for natural gas, 10-12" water column (19-22 mm mercury) for LP gas. For BTU content, multiply ft³/hr x 2500 (LP) or lb³/hr x 1000 (NG). For Megajoule content, multiply m³/hr x 93.15 (LP) or m³/hr x 37.26 (NG)

Controls

Two-Line Plain Text Multilingual LCD Display	Simple user interface for ease of operation.
Mode Buttons: Auto	Automatic Start on Utility failure, 7 day exercise.
Manual	Start with starter control, unit stays on. If utility fails, transfer to load takes place.
Oil	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 Sensing)	From 140-171 V/190-216 V
Future Set Capable Exercise/Exercise Set Error Warning	Standard
Run/Alarm/Maintenance Logs	50 Events Each
Engine Start Sequence	Cyclic cranking: 16 sec on, 7 rest (90 sec maximum duration). Starter cannot re-engage until 5 sec after engine has stopped.
Starter Lock-out	Standard
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/Over-speed (65-72 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

**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. Rating definitions - Standby: Applicable for supplying emergency power for the duration of the utility power outage. No overload capability is available for this rating. (All ratings in accordance with BS5514, ISO3046 and DIN6271). * Maximum kilowatt 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 about 3.5 percent for each 1,000 feet (304.8 meters) above sea level; and also will decrease about 1 percent for each 6°C (10°F) above 16°C (60°F).

16/20/22 kW

switch options

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" 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
mm	679.4	764.3	266.7	343.0	175.4

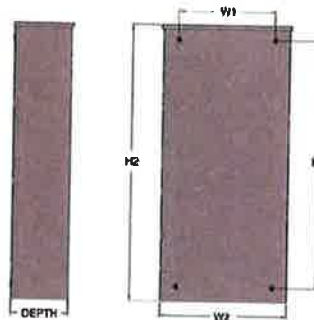
Wire Ranges

Conductor Lug	Neutral Lug	Ground Lug
1/0 - #14	2/0 - #14	2/0 - #14

Model	G007030-1 (16kW)
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
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 Digital Power Management Technology standard (DPM).
- Intelligently manages up to four air conditioner loads with no additional hardware.
- Up to four more large (240 VAC) loads can be managed when used in conjunction 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.

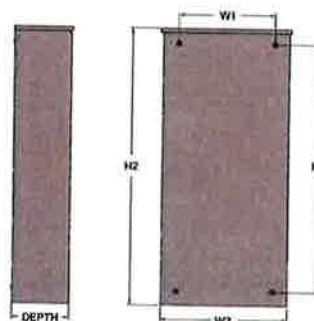
Dimensions

	200 Amps 120/240, 1Ø Open Transition Service Rated				
	Height		Width		Depth
	H1	H2	W1	W2	
in	26.75	30.1	10.5	13.5	6.91
mm	679.4	764.3	266.7	343.0	175.4

Model	G007037-1 (16 kW)/G007039-1 (20 kW)/ G007043-2 (22 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*	approx. 13 sec
Exercises bi-weekly for 5 minutes*	Standard
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





GENERAC

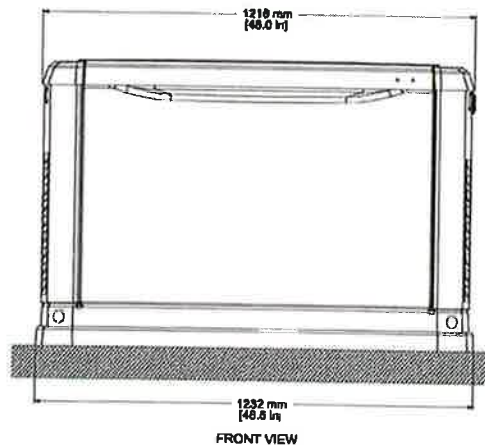
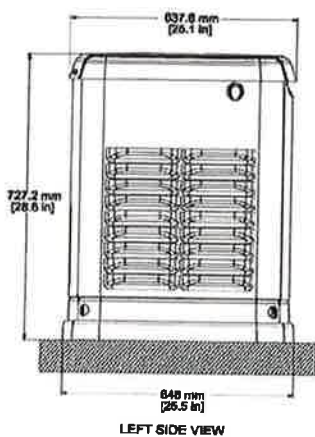
16/20/22 kW

available accessories

Model #	Product	Description
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 making sure your generator is ready to run during an unexpected power failure. Status alerts are available through a free application to notify when your LP tank is in need of a refill.
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. (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.
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 (Standard on 22 kW)	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	Paint Kit	If the generator enclosure is scratched or damaged, it is important to touch-up the paint to protect from future corrosion. The paint kit includes the necessary paint to properly maintain or touch-up a generator enclosure.
G006485-0	Scheduled Maintenance Kit	Generac's scheduled maintenance kits provide all the hardware necessary to perform complete routine maintenance on a Generac automatic standby generator.
G006873-0	Smart Management Module (50 Amps)	Smart Management Modules are used in conjunction with the Automatic Transfer Switch to increase its power management capabilities. It provides additional power management flexibility not found in any other power management system.

dimensions & UPCs

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



Model	UPC
G007035-1	696471074161
G007036-1	696471074154
G007037-1	696471074178
G007038-1	696471074185
G007039-1	696471074192
G007042-2	696471074208
G007043-2	696471074215



Generac Power Systems, Inc. • S45 W29290 HWY. 59, Waukesha, WI 53189 • generac.com

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**Smart Management
Modules (SMM)**

GENERAC® ACCESSORIES



Model G007000-0
UPC 696471070002



FEATURES

Generac's Smart Power Management System is designed to optimize the performance of a standby generator. The system can consist of up to 8 individual Smart Management Modules (SMM). Unlike other load management systems that depend on another control device, the SMM modules are actually self-aware and operate autonomously.

Frequency is the true measure of generator engine performance and does not need to factor in increased ambient temperatures, elevation changes or generator fuel type. The modules monitor the frequency (Hz) of the power being produced by Generac's standby generators. If frequency falls below a certain threshold, the module will automatically follow a power management algorithm to reduce the chance of a generator overload condition.

The modules can be set to a load priority between 1-8, or be set in a lock-out only mode for loads that just simply do not need to run in an outage. This reduces the minimum size of the generator for a more cost-effective solution.

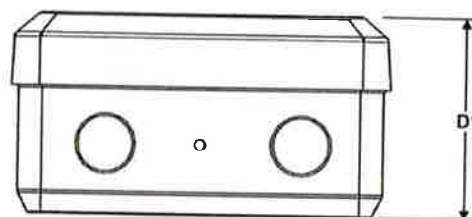
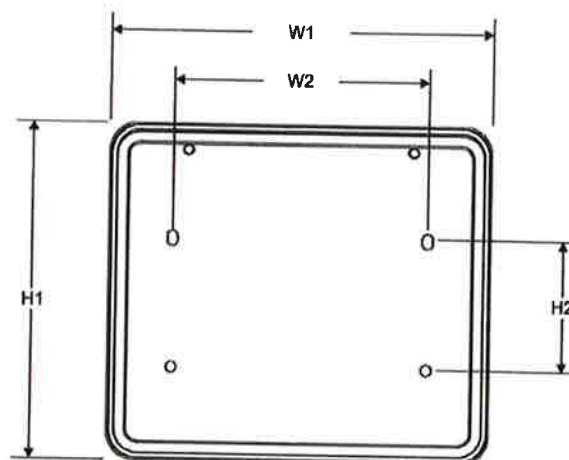
SMM SPECIFICATIONS

Power Supply Source	240 VAC (from Line Input)
Contact Voltages	220/240 VAC
Contactors Coil Voltage	240 VAC
Coil VA Inrush	30
Coil VA Sealed	6.5
Poles	2
Resistive Amps	50
F/L Inductive Amps	40
Locked Rotor Amps	180
NEMA	3R
Enclosure Rating	UL 50
Frequency Selectability	50 Hz / 60 Hz

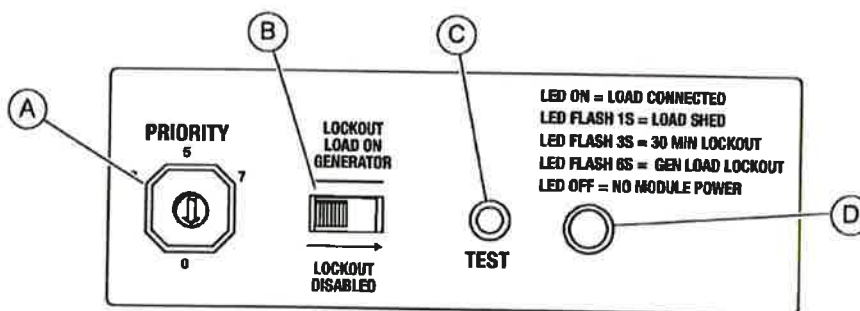
Smart Management Modules (SMM)

Dimensions and UPC

Model		G007000-0
Height (in/mm)	H1	6.17 / 156.8
	H2	2.36 / 60
Width (in/mm)	W1	7.06 / 179.4
	W2	4.72 / 120
Depth (in/mm)		3.7 / 94
Weight (lb/kg)		2.06 / 0.94
Shipping Weight (lb/kg)		2.44 / 1.11
UPC Code		696471070002



SMM Controls (located behind the module cover)



- Priority Dial (A)** Sets module priority
- Lockout Switch (B)** Prevents load from operating when system is operating under generator power.
- Test Button (C)** Disables contactor output for a specified time.
- LED (D)** Provides module status with easy viewing through the external viewing window located in the upper right corner of the module.

HURRICANE CONCRETE PAD FOR GENERATORS (GENERAC AND HONEYWELL UNITS) (ON-GRADE APPLICATIONS ONLY)

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SEP 17 2020
By: [Signature]

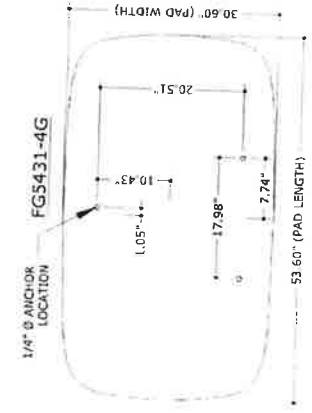
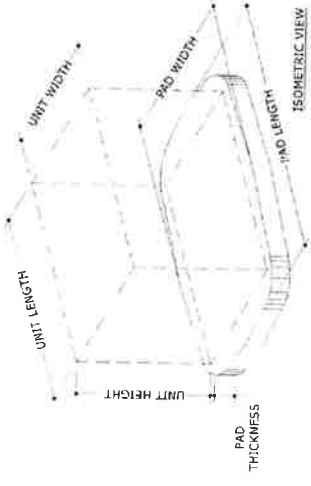
07/19/2019
Gordon D. [Signature]
TYPE: R209 CA 8886

NOTICE: IF THIS SHEET IS USED FOR ANY OTHER PROJECT, THE USER SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF ALL INFORMATION AND THE APPLICABILITY OF ALL CODES AND REGULATIONS. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY INFORMATION FROM ALL APPLICABLE AGENCIES. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY INFORMATION FROM ALL APPLICABLE AGENCIES.

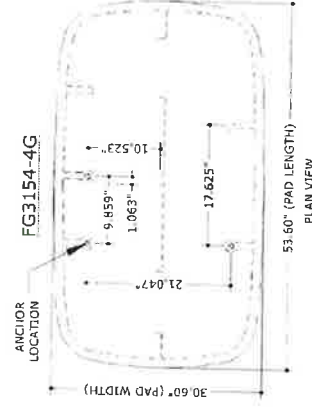
ALLOWABLE DESIGN PRESSURE: SEE TABLE
REQUIRED WIND LOAD DESIGN PRESSURES CALCULATED FOR USE WITH THIS SYSTEM SHALL BE DETERMINED UNDER SENSIBLE WIND SPEEDS OF 100 MPH SPECIFIC BASIS IN ACCORDANCE WITH THE GOVERNING CODE. SHEET-SPECIFIC WIND SPEEDS SHALL TAKE ON LOAD IN ACCORDANCE WITH THE APPLICABLE BUILDING CODE. SHEET-SPECIFIC WIND SPEEDS SHALL TAKE ON LOAD IN ACCORDANCE WITH THE APPLICABLE BUILDING CODE. SHEET-SPECIFIC WIND SPEEDS SHALL TAKE ON LOAD IN ACCORDANCE WITH THE APPLICABLE BUILDING CODE. SHEET-SPECIFIC WIND SPEEDS SHALL TAKE ON LOAD IN ACCORDANCE WITH THE APPLICABLE BUILDING CODE.

GENERAL NOTES

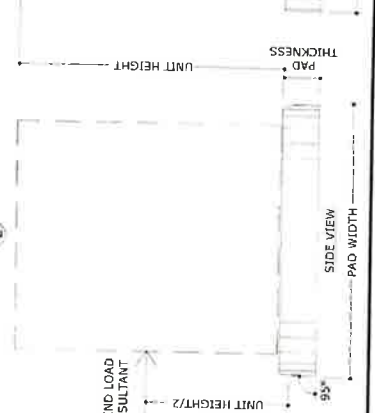
- THIS SYSTEM SHALL BE USED IN ACCORDANCE WITH THE REQUIREMENTS OF THE GOVERNING CODE AND SHALL BE FABRICATED BY ACCORDANCE WITH THE REQUIREMENTS OF THE GOVERNING CODE AND SHALL BE FABRICATED BY ACCORDANCE WITH THE REQUIREMENTS OF THE GOVERNING CODE.
- THE AREA UNDER CONCRETE SHALL BE REINFORCED WITH #4 BARS @ 12" ON CENTER. ALL REINFORCEMENT SHALL BE TYPED AND PLACED IN ACCORDANCE WITH THE REQUIREMENTS OF THE GOVERNING CODE.
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FG5431-4G TYPICAL ANCHORAGE:
(3) 1/4" DIA. ANCHORS (PARTS # RND119 & TEST REPORT # 12-09-07) (SEE SERVICES) W/ 1/4" DIA. BOLT ASTM A307, 3" MIN. EDGE DISTANCE, 1-1/4" EMBED. INTO CONCRETE (MIN. BEARING STRENGTH = 6 KSI)



FG3154-4G TYPICAL ANCHORAGE:
(4) 3/8" DIA. ANCHORS (PARTS # 165003 & TEST REPORT # 95249 BY ELEMENT MATERIALS TECHNOLOGY) W/ 3/8" DIA. BOLT ASTM A307, 3" MIN. EDGE DISTANCE, 1-3/8" EMBED. INTO CONCRETE (BASE PAN MIN. THICKNESS = 0.59" AND MIN. BEARING STRENGTH = 6 KSI)



ITEM	CENTER FOR UNIT	UNIT DIMENSIONS (IN)	CONCRETE PAD WEIGHT (LBS)	CONCRETE PAD HEIGHT (IN)	CONCRETE PAD WIDTH (IN)	CONCRETE PAD LENGTH (IN)	#40 CONCRETE (IN)	PAD ALLOWABLE PRESSURE (PSF)	WIND LOADS	
1	180V	25.00	48.00	25.00	30.56	53.56	6.00	240	30.72	286.93
2	100V	25.00	48.00	49.56	30.56	53.56	6.00	240	31.13	302.25
3	140V	25.00	48.00	27.00	30.56	53.56	6.00	240	34.33	334.71
4	160V	25.00	48.00	29.00	30.56	53.56	6.00	240	33.10	318.57
5	180V	25.00	48.00	29.00	30.56	53.56	6.00	240	38.53	372.44
6	1700V	25.00	48.00	29.00	30.56	53.56	6.00	240	34.40	351.88
7	1700V	25.00	48.00	29.00	30.56	53.56	6.00	240	34.37	332.20
8	200V	25.00	48.00	29.00	30.56	53.56	6.00	240	35.39	349.12
9	200V	25.00	48.00	29.00	30.56	53.56	6.00	240	35.32	340.85
10	2200V	25.00	48.00	29.00	30.56	53.56	6.00	240	36.35	351.39

NOTES:
1. CONCRETE PAD WEIGHT PROVIDED BY MANUFACTURER, VERIFIED BY OTHERS.
2. MINIMUM COMPRESSIVE STRENGTH SHALL BE 4000 PSI.
3. ALL OTHER UNITS NOT SHOWN SHALL BE DESIGNED ON A CASE BY CASE BASIS. (ANCHOR CONCRETE PADS MAY BE DESIGNED PER DIFFERENT LOAD COMBINATIONS.)

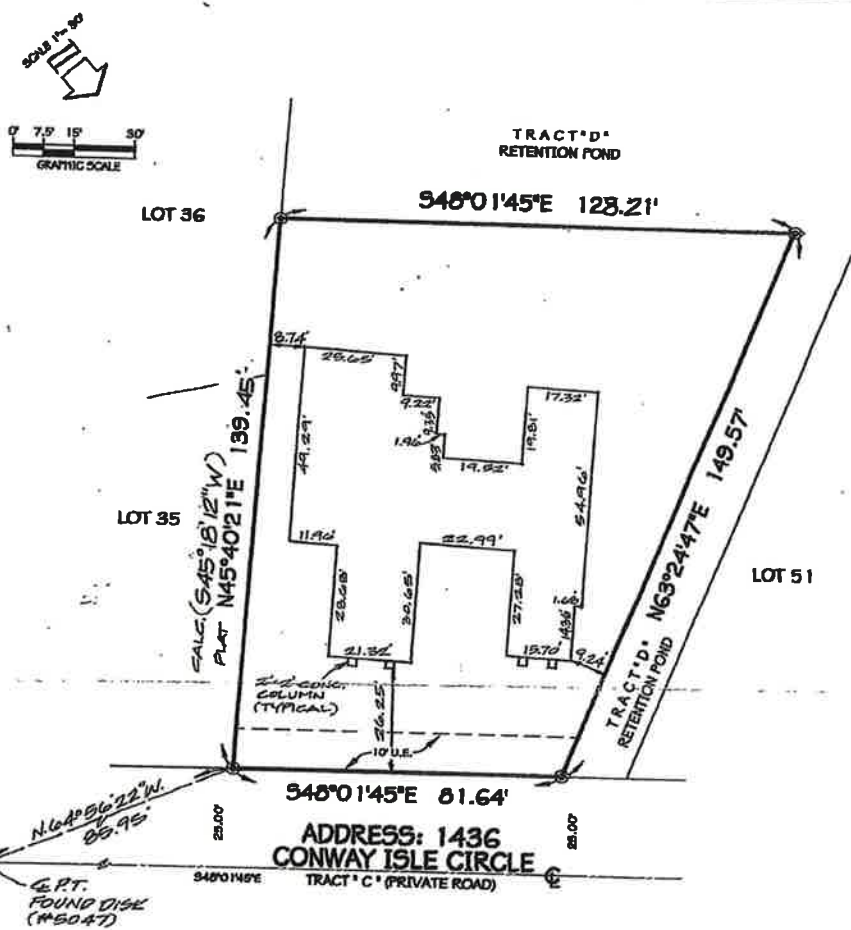
6650 SUGARLOAF PARKWAY, SUITE 100
DULUTH, GA 30099
DIVERSITECH CORPORATION
CONCRETE PADS FOR GENERATORS
FLORIDA BUILDING CODE SIXTH EDITION (2017)
DEERFIELD BEACH, FL 33442
CORPORATE OFFICE 106
ENGINEERING PRESS, COM
160 SW 12TH AVE, SUITE 106
DEERFIELD BEACH, FL 33442
CORPORATE OFFICE 106
ENGINEERING PRESS, COM

14-1669A
SCALE: UNLESS NOTED

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SEP 17 2024
BY:

PLAT OF BOUNDARY SURVEY for: REICHE and SILLIMAN, INC.
DESCRIPTION: LOT 52, HIGHLANDS AT LAKE CONWAY

RECORDED IN PLAT BOOK **45** PAGE(S) **11** PUBLIC RECORDS OF **ORANGE** COUNTY, FLORIDA



- NOTES:**
1. BEARINGS ARE BASED ON THE CENTERLINE OF CONWAY ISLE CIRCLE BEING S48°01'45"E.
 2. UNDERGROUND IMPROVEMENTS, ROOF OVERHANGS AND FOOTERS HAVE NOT BEEN LOCATED.
 3. ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929.
 4. BUILDING TIES ARE TO FOUNDATION.
 5. BUILDING TIES ARE NOT TO BE USED TO CONSTRUCT ODDS OR PLATED LINES.
 6. BEARINGS AND DISTANCES SHOWN HEREON ARE MEASURED AND PER RECORDED PLAT UNLESS OTHERWISE NOTED.

FLOOD CERTIFICATION
BASED ON THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP, THE STRUCTURE SHOWN HEREON DOES NOT LIE WITHIN THE 100 YEAR FLOOD HAZARD AREA. THIS STRUCTURE LIES IN ZONE "X".
COMMUNITY PANEL NO. 120101 0430 E
EFFECTIVE DATE: DECEMBER 5, 2000
MAP REVISION DATE:
(SUBJECT TO CHANGE)

CERTIFIED TO:
Keith J. Durni
Katherine A. Marker-Durni
AmSouth Bank
Fassett, Anthony & Taylor, P.A.
Chicago Title Insurance Co.



Ron DeSantis, Governor

Halsey Beshears, Secretary



DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CONSTRUCTION INDUSTRY LICENSING BOARD

THE CLASS A AIR CONDITIONING CONTRACTOR HEREIN IS CERTIFIED UNDER THE
PROVISIONS OF CHAPTER 489, FLORIDA STATUTES

DERRINGER, MARK E

BOB HEINMILLER AIR CONDITIONING INC
1537 WEST SMITH STREET
ORLANDO FL 32804

LICENSE NUMBER: CACC057411

EXPIRATION DATE: AUGUST 31, 2022

Always verify licenses online at MyFloridaLicense.com

Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.





CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
12/22/2020

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Lassiter-Ware Insurance 1300 N. Westshore Blvd Suite 110 Tampa FL 33607	CONTACT NAME: Heather Leivas PHONE (A/C, No, Ext): (800) 845-8437 E-MAIL ADDRESS: heatherl@lassiterware.com FAX (A/C, No): (888) 883-8680																				
	<table border="1"> <tr> <th colspan="2">INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> <tr> <td>INSURER A:</td> <td>FCCI Insurance Company</td> <td>10178</td> </tr> <tr> <td>INSURER B:</td> <td>Builders Mutual Insurance Co</td> <td>10844</td> </tr> <tr> <td>INSURER C:</td> <td>Nautilus Insurance Company</td> <td>17370</td> </tr> <tr> <td>INSURER D:</td> <td>Hallmark Specialty Insurance Co</td> <td>26808</td> </tr> <tr> <td>INSURER E:</td> <td></td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> <td></td> </tr> </table>	INSURER(S) AFFORDING COVERAGE		NAIC #	INSURER A:	FCCI Insurance Company	10178	INSURER B:	Builders Mutual Insurance Co	10844	INSURER C:	Nautilus Insurance Company	17370	INSURER D:	Hallmark Specialty Insurance Co	26808	INSURER E:			INSURER F:	
INSURER(S) AFFORDING COVERAGE		NAIC #																			
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INSURER D:	Hallmark Specialty Insurance Co	26808																			
INSURER E:																					
INSURER F:																					
INSURED Bob Heinmiller Air Conditioning, Inc. Bob Heinmiller Solar Solutions, LLC 1537 W. Smith Street Orlando FL 32804																					

COVERAGES **CERTIFICATE NUMBER:** 21-22 Master Cert **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A/D	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			GL10005413501/G094024631	01/01/2021	01/01/2022	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY <input checked="" type="checkbox"/> DOC			CA10005413201	01/01/2021	01/01/2022	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 10,000			UMB10005413801	01/01/2021	01/01/2022	EACH OCCURRENCE \$ 2,000,000 AGGREGATE \$ 2,000,000
B	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	WCP105587603	01/01/2021	01/01/2022	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
C	Excess Liability			AN097977	01/01/2021	01/01/2022	Aggregate \$3,000,000 Occurrence \$3,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Excess Policy #AN097977 extends over General Liability policy #G09100054138001 only. Umbrella policy# UMB1005413801 extends over all other policies



CERTIFICATE HOLDER

CANCELLATION

City of Belle Isle
1600 Nela Avenue

Belle Isle

FL 32809

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

	2020		EXPIRES 9/30/2021				
1804	CONTR-HARV	\$30.00	1 EMPLOYEE	3200	RETAIL-A/C & HTG SYS/P	\$30.00	1804-0082778
5000	BUSINESS OFFICE	\$30.00	1 EMPLOYEE	1802	ELECTRICAL	\$30.00	1 EMPLOYEE
1803	SOLAR CONTRACTOR	\$30.00	1 EMPLOYEE				1 EMPLOYEE

TOTAL TAX \$150.00
 PREVIOUSLY PAID \$150.00
 TOTAL DUE \$0.00

DERRINGER MARK

BOB HEINMILLER AIR COND INC
 DERRINGER MARK
 1537 W SMITH ST
 ORLANDO FL 32804-4849

1537 W SMITH ST
 U - ORLANDO, 32804

PAID: \$150.00 0099-00841125 7/13/2020

Tax Collector Scott Randolph

Local Business Tax Receipt

Orange County, Florida

This local Business Tax Receipt is in addition to and not in lieu of any other tax required by law or municipal ordinance. Businesses are subject to regulation of zoning, health and other lawful authorities. This receipt is valid from October 1 through September 30 of receipt year. Delinquent penalty is added October 1.

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 ORLANDO FL 32804-4849

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 U - ORLANDO, 32804

PAID: \$150.00 0099-00941125 7/13/2020

This receipt is official when validated by the Tax Collector.

Orange County Code requires this local Business Tax Receipt to be displayed conspicuously at the place of business in public view. It is subject to inspection by all duly authorized officers of the County.

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