



Prepared on: 08/18/2023
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HOME BACKUP SYSTEMS INC.
615 Madison Ave
Fort Atkinson, WI 53538
(866) 981-8585
homebackupsystem@gmail.com

QTY	Generac items
1	Protector 150kW Standby Generator - Natural Gas
QTY	Installations

1	<p>Installation of Generac LC Generator</p> <p>Installation of Generac general LC switch to include:</p> <ul style="list-style-type: none"> *Permit and utility coordination if needed *Site prep *Delivery and placement of unit *2 Piece Concrete generator pad *Battery *Cold Weather Kit *Choice of Wireless Remote Monitor or Mobile Link Monitor(3 year subscription) *5 Year Extended Warranty *Full Gas hookup *Full electrical hook up of transfer switch *Product registration, activation and initial start up *21 Point systems check *Owner orientation on operation and maintenance ****Cost of permit not included **Disclosure form is made part of this contract
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Sub-Total:	\$118,218.00
Discount:	\$0.00
No Charge:	\$0.00
Sales Tax:	\$0.00
Total:	\$118,218.00
Down Payment:	\$0.00
Balance Due:	\$118,218.00

Generac is the #1 standby generator on the market today. HOME BACKUP SYSTEMS INC. is a factory-authorized and certified dealer, trained in the proper application, installation, and service of all Generac automatic standby generators, assuring you the highest quality service and support for your generator.

Thank you for the opportunity to offer a Generac automatic standby generator to protect your home and family during a power outage. We will contact you to answer any additional questions and finalize the details of the installation of your automatic standby generator. Please feel free to contact us at (866) 981-8585 at any time.

All quotes are valid for 30 days.

Sincerely,
Mike Foerster

I accept this proposal and wish to proceed with the purchase and installation of my Generac automatic standby generator. Depending on the payment method, purchase is subject to additional terms & conditions, including credit approval.

Customer Name/Signature	Date
Dealer Name/Signature	Date

You, the buyer, may cancel this transaction at any time prior to midnight of the third business day after the date of signing this proposal. See the attached notice of cancellation form for an explanation of this right.

Additional Notes

Price includes 600 amp transfer switch
Full installation with start up



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Home Backup Systems, LLC Disclosure Statements

- All contracts must be signed and sent into our office with a **\$1200 non-refundable down payment** for your installation to be scheduled, unless you are financing your project.
- The initial start date of the contract is the signed acceptance date.
- **Your power will be out for around 4 hours during the generator installation.**
- Generator Installation is guaranteed within 6 months of start date, pending generator availability & weather conditions.
- Home Backup Systems recommends all home standby generator owners have carbon monoxide detectors in their homes.
- Permit costs are not included in proposals and will be added onto the final invoice.
- Gas meter upgrades and propane/LP installations may have a separate charge depending on the provider. (We will contact the provider for details)
- In the event of an emergency, please call the number provided and be sure to leave a message if no one answers. We do have someone checking voicemail and we will return your call.
- We recommend maintaining your generator once a year. If you choose to do the maintenance yourself, please keep written records for warranty purposes.
- If Home Backup Systems provides a maintenance plan on your generator, it will be scheduled and performed within a three-month window of the installation anniversary date.
- In the event you are part of a Home Owners Association (HOA) it is your responsibility to obtain any and all approvals prior to installation.
- Home Backup Systems LLC is not responsible for any private electric lines, sprinkler systems, dog wires, or anything buried in the yard that may get damaged due to installation of generator.
- In the event that a building inspector, utility company, or local municipality requires a change on anything at your home due to an existing problem or violation, Home Backup Systems LLC is not responsible for the corrections. A price will be quoted at the time of installation if needed. This may include, but is not limited to, ground issues, panel/breaker/meter base issues, obstacles impeding meters, etc.
- In the event we need to remove drywall for a generator installation, we will not be responsible for repairs.
- At the end of the installation, the install crew will go through which circuits are on your generator. If we have to come back to your home at a later date to add or remove circuits that are on your generator, there will be a service call fee.
- In the event that you are unable to keep your generator installation appointment, we require at least 2 business days notice. If you cancel within the 2 business days, there will be a rescheduling fee.

Notice of Cancellation

Date of Purchase: _____

You may CANCEL this transaction, without any Penalty or Obligation, within THREE BUSINESS DAYS from the above date.

If you cancel, any property traded in, any payments made by you under the contract or sale, and any negotiable instrument executed by you will be returned within TEN BUSINESS DAYS following receipt by the seller of your cancellation notice, and any security interest arising out of the transaction will be cancelled.

If you cancel, you must make available to the seller at your residence, in substantially as good condition as when you received, any goods delivered to you under this contract or sale, or you may, if you wish, comply with the instructions of the seller regarding the return shipment of the goods at the seller's expense and risk.

If you do make the goods available to the seller and the seller does not pick them up within 20 days of the date of your Notice of Cancellation, you may retain or dispose of the goods without any further obligation. If you fail to make the goods available to the seller, or if you agree to return the goods to the seller and fail to do so, then you remain liable for performance of all obligations under the contract.

To cancel this transaction, mail or deliver a signed and dated copy of this Cancellation Notice or any other written notice, or send a telegram, to HOME BACKUP SYSTEMS INC., at 615 MADISON AVE , FORT ATKINSON, WI, 53538 NOT LATER THAN MIDNIGHT OF

I HEREBY CANCEL THIS TRANSACTION.

(Date)

(Signature)

Wisconsin "Right to Cure Law"

The "Right to Cure Law" provides the steps and timetables to be followed in resolving any claims of dwelling construction defects by consumers against contractors or suppliers. Claims must be pursued through the "Right to Cure Law" process before arbitration or before legal action.

The 2005 Wisconsin Act 201, the "Right to Cure Law," says that consumers at the time of contracting for construction or remodeling work for dwellings must be provided with this brochure describing requirements for making any future claims of construction defects.

People who feel they have a claim concerning defective workmanship or materials need to provide written notice to contractors or suppliers before any legal action may be filed. The contractors and suppliers have the opportunity and the responsibility to respond to claims.

Construction defects can involve workmanship, materials, or code requirements in new construction or remodeling, but not maintenance or repairs. Claims may be made by owners, tenants, or property associations.

This document highlights some of the provisions of the "Right to Cure Law", and is not a complete description of the law, and is not a substitute for legal representation.

Notice Concerning Construction Defects

Wisconsin law contains important requirements You must follow before You may file a lawsuit for defective construction against the contractor who constructed Your dwelling or completed Your remodeling project or against a window or door supplier or manufacturer. Section 895.07 (2) and (3) of the Wisconsin statutes requires You to deliver to the contractor a written notice of any construction conditions You allege are defective before You file Your lawsuit, and You must provide Your contractor or window or door supplier the opportunity to make an offer to repair or remedy the alleged construction defects. You are not obligated to accept any offer made by the contractor or window or door supplier. All parties are bound by applicable warranty provisions.

More Highlights

- Claimants may accept settlement offers, accept them in part, or reject offers, doing so via detailed written notice.
- The law does not apply where there is no contract to construct, as in the case of purchasing an existing home.
- Contractors and suppliers have the right to inspect and, as appropriate, test alleged defects.
- Access must be provided in a timely fashion for inspections, tests, and repairs.
- Additional claims made or discovered after an original claim, are treated as separate in terms of time and process.
- There is a different timetable and process for the claims and responses if a contractor seeks contribution from a supplier.
- Failure by the claimant, contractor, or supplier to follow the "Right to Cure Law" can result in delay or dismissal of legal or arbitration actions.

The Department Safety and Professional Services prepared this brochure, but does not investigate, arbitrate, or judge consumer-contractor/supplier disputes. Those disputes are solved through the "Right to Cure Law" process, by the state's court system, and, for alterations and additions, the Home Improvement Practices Code, ATCP 110, of the state Department of Agriculture, Trade, and Consumer Protection.

The Department Safety and Professional Services does not discriminate on the basis of sex, race, religion, age, national origin, ancestry, creed, pregnancy, marital or parental status, sexual orientation, or physical, mental, emotional or learning disability. Reasonable accommodation, including the provision of informational material in an alternative format, will be provided for qualified individuals with disabilities upon request. Contact the Industry Services Division at 608-266-2112, or TTY 800-947-3529.

Chronology of the step-by-step claim and response interaction between consumers and contractors/suppliers

Step One Notice of Claim- At least 90 working days before commencing an action against a contractor or window or door supplier or manufacturer, a claimant must deliver a written notice of the alleged defect to the contractor.

Step Two: Contractor's Response- The contractor will have 15 working days (or 25 working days if it involves a defect involving a window or door supplier) to provide the claimant with a written: (1) offer to repair or remedy the defect; (2) offer to settle the claim with a monetary payment; (3) offer of a combination of (1) and (2); (4) statement that the contractor rejects the claim and the reasons for rejecting the claim; or (5) proposal to inspect the alleged defect or perform any necessary testing.

Step Three: Claimant's Response- If the contractor rejects the claim, the claimant may proceed to commence an action against the contractor. The claimant must serve written notice on the contractor within 15 working days if he or she either accepts any offer or rejects an offer. Note that if the claimant has a claim against a window or door supplier or manufacturer, the claimant should contact the supplier to ensure that the supplier received a notice of the claim from the contractor.

Step Four: Contractor's Supplemental Response- If the claimant rejects the offer, the contractor has five working days to provide a written supplemental offer or a notice that no additional offer will be made.

Step Five: Claimant's Response- If the contractor has provided the claimant written notice that no additional offer will be made, the claimant may commence a lawsuit or other action against the contractor. If the claimant has received a supplemental offer from the contractor, the claimant must respond within 15 working days.

Rev. 9/14



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Generator Annual Maintenance Contract

Regular maintenance is an investment that will help to ensure your generator will run properly when you need it most. Home Backup Systems is pleased to provide different options to make sure your generator is in top condition when your power goes out. Below, you will find what is included with every maintenance and the different options you are able to choose from. If you do not want to sign up for a contract, and only want to schedule maintenance on your own terms, you do not need to fill out any information on this document.

To sign up for one of the maintenance contracts listed below, place a check mark next to the contract of your choice, then fill out the information on the bottom of the second page.

One Time Annual Maintenance

Air Cooled: \$250 **Liquid Cooled:** \$400

Customer calls in to schedule maintenance whenever they would like us to come to their home. All maintenance items are completed at the time of the appointment.

Included with all Maintenance Appointments

- Replace engine oil filter(s)
- Change engine oil
- Inspect, clean or replace air filter(s) as needed.
- Check valves (Adjustment of valves not included)
- Replace fuel filter(s) or clean fuel strainer(s) as required
- Inspect and clean cooling fans
- Inspect all belts and hoses
- Inspect, test and service batteries, cables and terminals
- Check and adjust charging system
- Check starter and starting system
- Replace spark plugs as required
- Inspect, clean, adjust and lubricate the generator as required
- Inspect, clean, test and adjust the transfer switch
- Test the exercise system and reset to owner's schedule
- Start and run system
- Transfer load to system (with customer authorization)



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☐ **Three Year Annual Maintenance Contract**

Air Cooled: \$600 **Liquid Cooled:** \$900

We will automatically call you to set up each annual maintenance appointment. This annual maintenance is at a cost of \$200 per year, for a total of \$600. All maintenance items are completed at the time of the appointment. If you sign up for this contract, you are able to pay for this maintenance contract in full for the three years, or annually at \$200 per year. Price is \$250 without the maintenance contract.

☐ **Five Year Annual Maintenance Contract**

Air Cooled: \$1000, including a free Battery **Liquid Cooled:** \$1500, including a free Battery

We will automatically call you to set up each annual maintenance appointment. This annual maintenance is at a cost of \$200 per year, for a total of \$1000, and includes one free battery over the course of the five years. All maintenance items are completed at the time of the appointment. This maintenance contract must be paid in full at the time of signing up for the maintenance contract. Price is \$250 without the maintenance contract.

By signing below, the customer is agreeing to have Home Backup Systems maintain their standby generator, per the terms and conditions of the Maintenance Contract selected above. Home Backup Systems will contact the customer to schedule the maintenance contract. Non-warranty repairs or any other work beyond the preventative maintenance agreement, will be billed at \$20/15 minutes.

Customer Name _____

Phone Number _____

Email Address _____

Generator Site Address _____

Generator Model # _____ **Generator Serial #** _____

Customer Signature _____

Protector® Series

GENERAC®

PROTECTOR® SERIES Standby Generators Liquid-Cooled Gaseous Engine

Protector® Series

1 of 11

INCLUDES:

- Two-Line LCD Multilingual Digital Evolution™ Controller (English/Spanish/French/Portuguese)
- Isochronous Electronic Governor
- Sound Attenuated Enclosure
- Closed Coolant Recovery System
- Smart Battery Charger
- UV/Ozone Resistant Hoses
- Voltage and Frequency Regulation Designed for Sensitive Electronics
- 5 Year Limited Warranty
- UL 2200 Listed

Standby Power Rating

Model RG10090 (Aluminum - Bisque) - 100 kW 60 Hz

Model RG13090 (Aluminum - Bisque) - 130 kW 60 Hz

Model RG15090 (Aluminum - Bisque) - 150 kW 60 Hz



*Assembled in the USA using domestic and foreign parts

QUIET-TEST



Meets EPA Emission Regulations
CA / MA Emission Compliant

FEATURES

- **INNOVATIVE DESIGN & PROTOTYPE TESTING** are key components of GENERAC'S success in "IMPROVING POWER BY DESIGN." But it doesn't stop there. Total commitment to component testing, reliability testing, environmental testing, destruction and life testing, plus testing to applicable CSA, NEMA, EGSA, and other standards, allows you to choose GENERAC POWER SYSTEMS with the confidence that these systems will provide superior performance.
- **TEST CRITERIA:**
 - ✓ **PROTOTYPE TESTED**
 - ✓ **SYSTEM TORSIONAL TESTED**
 - ✓ **NEMA MG1-22 EVALUATION**
 - ✓ **MOTOR STARTING ABILITY**
- **MOBILE LINK® CONNECTIVITY:** Free with select Protector Series standby generator sets, Mobile Link Wi-Fi allows users to monitor the generator set status 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.
- **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.

GENERAC®



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100 / 130 / 150 kW

GENERATOR SPECIFICATIONS

	100 kW	130 / 150 kW
Type	Synchronous	Synchronous
Rotor Insulation Class	H	H
Stator Insulation Class	H	H
Telephone Interference Factor (TIF)	< 50	< 50
Alternator Output Leads 1-Phase	4 wire	4 wire
Alternator Output Leads 3-Phase	12 wire	12 wire
Bearings	Sealed Ball	Sealed Ball
Coupling	Flexible Disc	Flexible Disc
Excitation System	Synchronous Brushless	Synchronous Brushless
Total Harmonic Distortion	< 5%	< 5%

VOLTAGE REGULATION

Type	Full Digital
Sensing	All
Regulation	Designed for Sensitive Electronics

GOVERNOR SPECIFICATIONS

Type	Electronic
Frequency Regulation	Ischronous
Steady State Regulation	Designed for Sensitive Electronics

ELECTRICAL SYSTEM

Battery Charger Alternator	40 Amp
Static Battery Charger	2.5 Amp
Recommended Battery (battery included)	Group 31, 925 CCA
System Voltage	12 Volts

GENERATOR FEATURES

Revolving field heavy duty generator Directly connected to the engine Operating temperature rise 135° C above 25° C ambient Class H insulation is NEMA rated All models fully prototyped tested

ENCLOSURE FEATURES

Aluminum weather protective enclosure	Ensures protection against mother nature. 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.
SAE	Sound attenuated enclosure ensures quiet operation.

(All ratings in accordance with BS5514, ISO3046, ISO8528, SAE J1349 and DIN6271)

ENGINE SPECIFICATIONS

	100 kW	130 / 150 kW
Make	Generac	Generac
Type	V	V
Cylinders	8	8
Displacement - In³ (L)	540 (8.86)	540 (8.86)
Bore (in / mm)	4.5 / 114.3	4.5 / 114.3
Stroke (in / mm)	4.25 / 107.95	4.25 / 107.95
Compression Ratio	9.9:1	9.1:1
Intake Air System	Naturally Aspirated	Turbocharged and Aftercooled
Lifter Type	Hydraulic Roller	Hydraulic Roller

ENGINE LUBRICATION SYSTEM

Oil Pump Type	Gear
Oil Filter Type	Full Flow Spin-On Cartridge
Crankcase Capacity (qt / L)	10.5 / 9.9

ENGINE COOLING SYSTEM

Type	Pressurized Closed
Water Pump	Belt-Driven
Fan Speed (rpm)	2,330
Fan Diameter (in / cm)	22 (55.9)
Fan Mode	Pusher

FUEL SYSTEM

Fuel Type	Natural Gas, Propane Vapor
Carburetor	Down Draft
Secondary Fuel Regulator	Standard
Fuel Shut Off Solenoid	Standard
LP Fuel Pressure	11 - 14 in Water Column (100kW) 7 - 11 in Water Column (130 kW and 150 kW)
NG Fuel Pressure	11 - 14 in Water Column (100 kW) 7 - 11 in Water Column (130 kW and 150 kW)

100 / 130 / 150 kW

operating data

GENERATOR OUTPUT VOLTAGE/kW - 60 Hz

		kW LPG	Amp LPG	kW Nat. Gas	Amp Nat. Gas	CB Size (Both)
RG10090	120/240 V, 1Ø, 1.0 pf	96	400	96	400	400
	120/208 V, 3Ø, 0.8 pf	100	347	96	333	400
	120/240 V, 3Ø, 0.8 pf	100	300	96	288	350
	277/480 V, 3Ø, 0.8 pf	100	150	96	144	175
RG13090	120/240 V, 1Ø, 1.0 pf	130	542	130	542	600
	120/208 V, 3Ø, 0.8 pf	130	451	130	451	500
	120/240 V, 3Ø, 0.8 pf	130	391	130	391	400
	277/480 V, 3Ø, 0.8 pf	130	195	130	195	225
RG15090	120/240 V, 1Ø, 1.0 pf	134	558	144	600	700
	120/208 V, 3Ø, 0.8 pf	140	486	150	520	600
	120/240 V, 3Ø, 0.8 pf	140	421	150	451	500
	277/480 V, 3Ø, 0.8 pf	140	210	150	226	250

SURGE CAPACITY IN AMPS

		Voltage Dip 30%
RG10090	120 / 240 V, 1Ø	854
	120 / 208 V, 3Ø	430
	120 / 240 V, 3Ø	372
	277 / 480 V, 3Ø	244
RG13090	120 / 240 V, 1Ø	854
	120 / 208 V, 3Ø	816
	120 / 240 V, 3Ø	707
	277 / 480 V, 3Ø	351
RG15090	120 / 240 V, 1Ø	617
	120 / 208 V, 3Ø	619
	120 / 240 V, 3Ø	536
	277 / 480 V, 3Ø	351

ENGINE FUEL CONSUMPTION

		Natural Gas		Propane	
		(ft³ / hr)	(m³ / hr)	(ft³ / hr)	(m³ / hr)
RG10090	25% of rated load	406	11.5	20	0.56
	50% of rated load	655	18.5	294	8.3
	75% of rated load	896	25.4	425	12.0
	100% of rated load	1,128	31.9	528	15.0
RG13090	25% of rated load	635	18	270	7.6
	50% of rated load	1,005	28.4	390	11.0
	75% of rated load	1,401	39.7	516	14.6
	100% of rated load	1,797	50.9	642	18.2
RG15090	25% of rated load	668	18.9	280	7.9
	50% of rated load	1,127	31.9	430	12.2
	75% of rated load	1,583	44.8	573	16.2
	100% of rated load	2,042	57.8	720	20.4

Note: **Fuel pipe must be sized for full load.**

For Btu content, multiply ft³ / hr x 2,520 (LP) or ft³ / hr x 1,000 (NG).

For megajoule content, multiply m³ / hr x 93.15 (LP) or m³ / hr x 37.26 (NG).

Refer to "Emissions Data Sheets" for maximum fuel flow for EPA and SCAQMD permitting purposes.

STANDBY RATING: Standby ratings apply to installations served by a reliable utility source. The standby rating is applicable to varying loads for the duration of a power outage. There is no overload capability for this rating. Ratings are in accordance with ISO-3046-1. Design and specifications are subject to change without notice.

100 / 130 / 150 kW

operating data

ENGINE COOLING

	100 kW	130 kW	150 kW
Air Flow (Fan Air Flow Across Radiator) - Open Set scfm (m³ / min)	6,589 (186)	5,415 (153.3)	5,598 (158.5)
System Coolant Capacity (gal / liters)	5.5 (20.8)	6.3 (24.0)	6.3 (24.0)
Heat Rejection to Coolant (BTU per hr / MJ per hr)	Contact Factory	Contact Factory	Contact Factory
Maximum Operation Air Temperature on Radiator (°F / °C)	Contact Factory	Contact Factory	Contact Factory
Maximum Ambient Temperature (°F / °C)	122 (50)	122 (50)	122 (50)

COMBUSTION REQUIREMENTS

Flow at Rated Power scfm (m³/min)	230 (6.5)	371 (10.5)	343 (9.7)
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SOUND EMISSIONS

Sound Output in dB(A) at 23 ft (7 m) With Generator*	71 db	75 db	80 db
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*In normal operation

EXHAUST

Exhaust Flow at Rated Output scfm (m³/min)	771 (21.8)	1,198 (34.0)	1,206 (34.1)
Exhaust Temperature (Rated Output) °F (°C)	1,350 (732)	1,285 (696)	1,440 (782)

ENGINE PARAMETERS

Rated Engine Speed (RPM)	1,800	1,800	1,800
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POWER ADJUSTMENT FOR AMBIENT CONDITIONS

Temperature Deration RG10090 / RG13090 on NG & LP	77°F before derate	3.3% per 10°F above 77°F
Temperature Deration RG15090 on NG	77°F before derate	8% per 5°F above 77°F
Temperature Deration RG15090 on LP	77°F before derate	11% per 5°F above 77°F
Altitude Deration (100 kW / 130kW)	3% for every 1,000 ft above 600 ft	
Altitude Deration (150 kW)	2.1% for every 1,000 ft above 600 ft	

CONTROLLER FEATURES

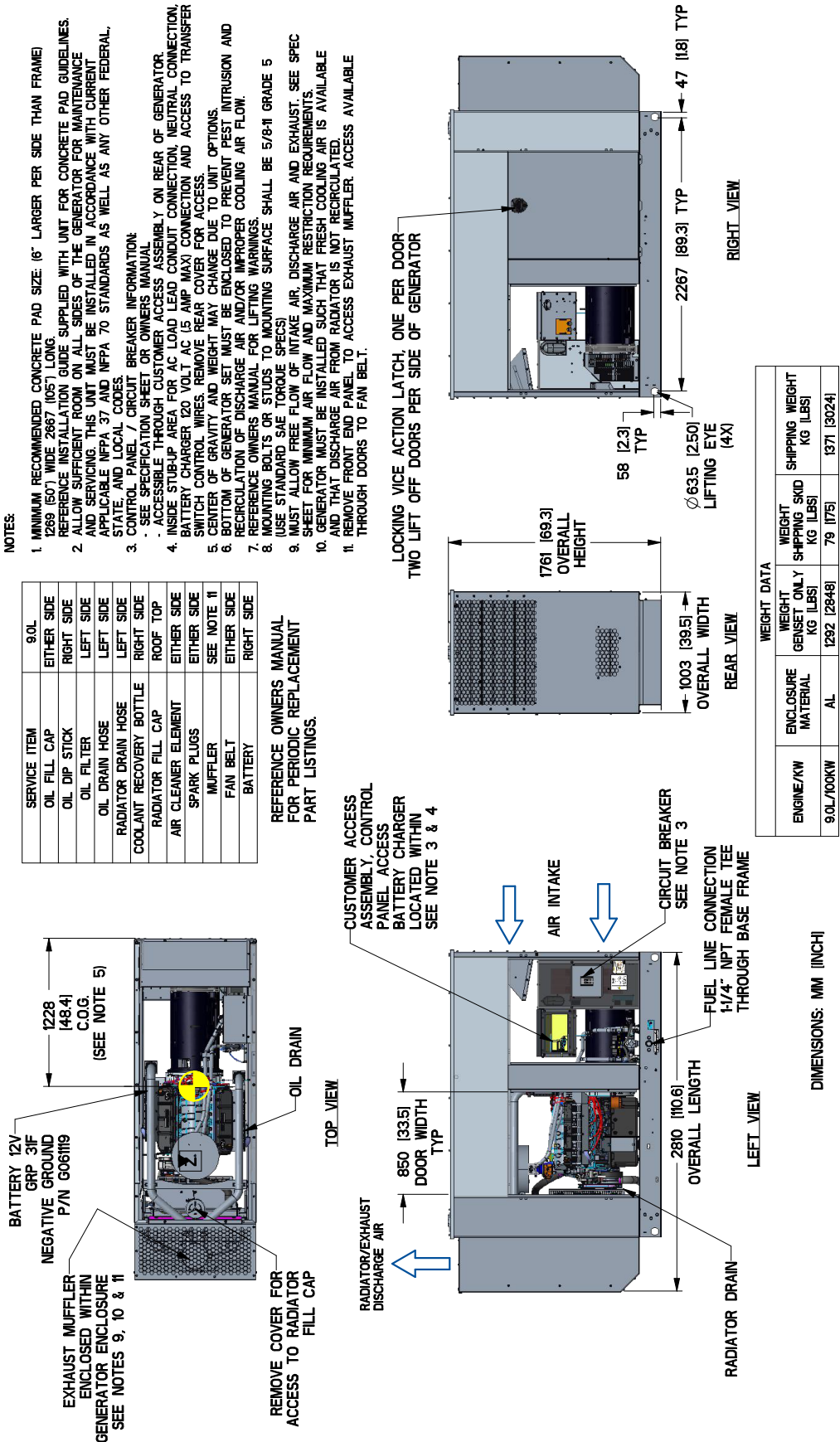
Two-Line Plain Text LCD Display	Simple user interface for ease of operation.
Mode Switch: AUTO	Automatic Start on Utility failure. 7 day exerciser.
OFF	Stops unit. Power is removed. Control and charger still operate.
MANUAL	Start with starter control, unit stays on. If utility fails, transfer to load takes place.
Programmable Start Delay Between 10-30 Seconds	10 sec standard
Engine Start Sequence	Cyclic cranking: 16 sec on, 7 rest (90 sec maximum duration)
Engine Warm-up	5 sec
Engine Cool-Down	1 min
Starter Lock-Out	Starter cannot re-engage until 5 sec after engine has stopped.
Smart Battery Charger	Standard
Automatic Voltage Regulation With Over and Under Voltage Protection	Standard
Automatic Low Oil Pressure Shutdown	Standard
Overspeed Shutdown	Standard, 72 Hz
High Temperature Shutdown	Standard
Overcrank Protection	Standard
Safety Fused	Standard
Failure to Transfer Protection	Standard
Low Battery Protection	Standard
50 Event Run Log	Standard
Future Set Capable Exerciser	Standard
Incorrect Wiring Protection	Standard
Internal Fault Protection	Standard
Common External Fault Capability	Standard
Governor Failure Protection	Standard

Model #	Product	Description
G007169-0	Mobile Link® 4G LTE Cellular Accessory	Generac's Mobile Link allows you to check the status of your generator from anywhere that you have access to an Internet connection from a PC or with any smart device. You will even be notified when a change in the generator's status occurs via e-mail or text message. Note: Harness Adapter Kit required. Available in the U.S. only.
G009883-0	Cold Weather Kit	If the temperature regularly falls below 32 °F (0 °C), install a cold weather kit to maintain optimal battery temperature. Kit consists of battery warmer with thermostat built into the wrap.
G009884-0	Extreme Cold Weather Kit	Recommended where the temperature regularly falls below 32 °F (0 °C) for extended periods of time. For liquid cooled units only.
G005651-0	Base Plug Kit	Add base plugs to the base of the generator to keep out debris.
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.
G009882-0	Scheduled Maintenance Kit	The Liquid-Cooled Scheduled Maintenance Kits offer all the hardware necessary to perform complete maintenance on Generac liquid-cooled generators.
G006510-0	E-Stop	E-stop allows for immediate fuel shutoff and generator shutdown in the event of an emergency.
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.
G007000-0 (50 amp) G007006-0 (100 amp)	Smart Management Module	Smart Management Modules (SMM) are used to optimize the performance of a standby generator. They manage large electrical loads upon startup and shed them to aid in recovery when overloaded. In many cases, using SMM's can reduce the overall size and cost of the system.
G009885-0	400 A CB Kit	400 A Circuit Breaker Kit designed for three phase products built with a factory installed circuit breaker greater than 400 A.
A0000018981	Ultrasonic Cleaner Solution	An ultra-concentrated anti-corrosive cleaning solution engineered to reach the smallest cavities to clean the toughest contaminants. This water based formula is non-toxic, biodegradable, safe for both metal and plastic surfaces, and is superior in rinsability.
A0000019001	All Surface Protectant	All surface protectant for vinyl, rubber, plastics creates a barrier that seals & protects surfaces from water, UV rays while renewing the look of the surface.

100 kW

Drawing #A0001453011 (1 of 2)

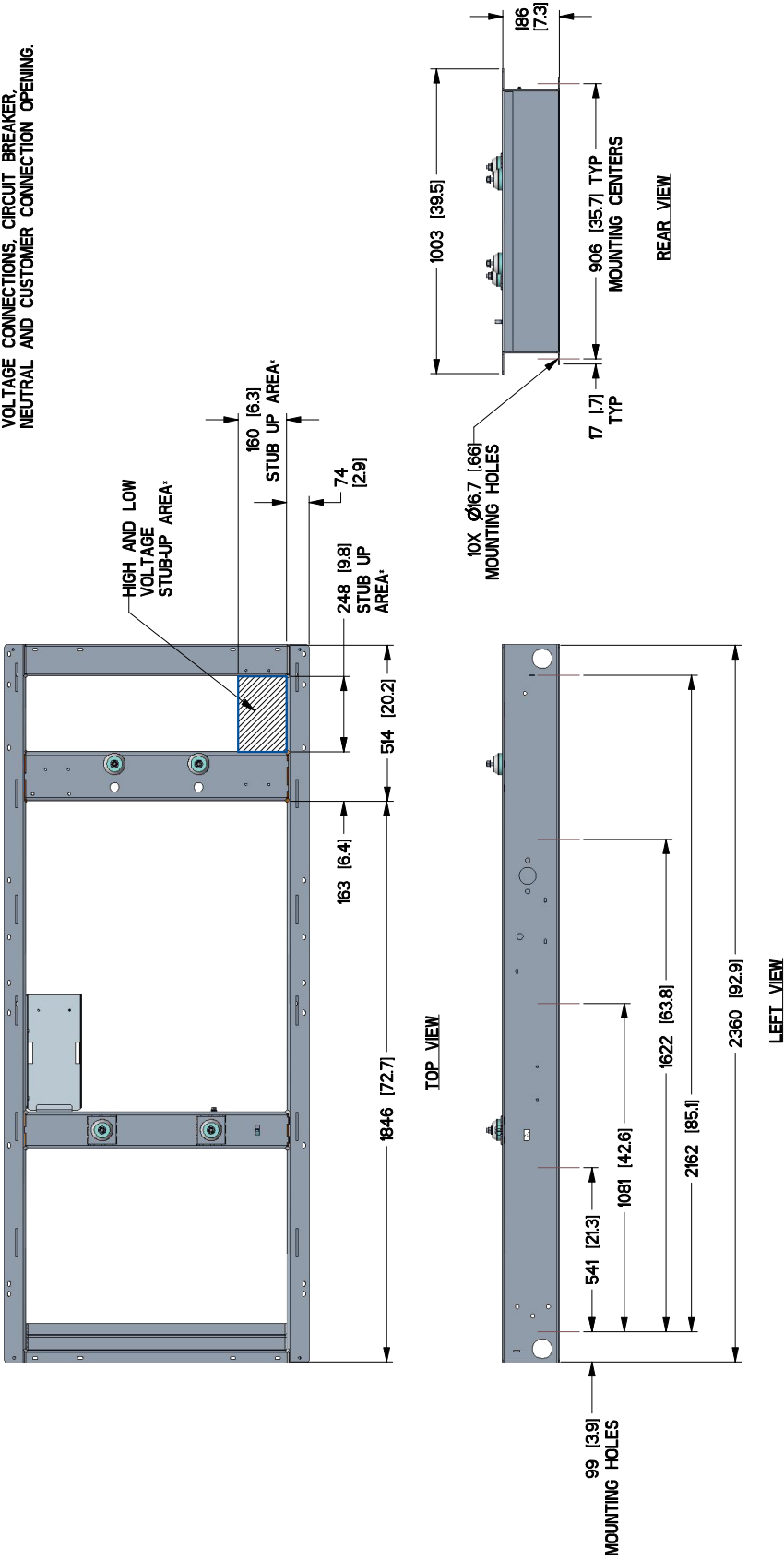
installation layout



100 kW

Drawing #A0001453011 (2 of 2)

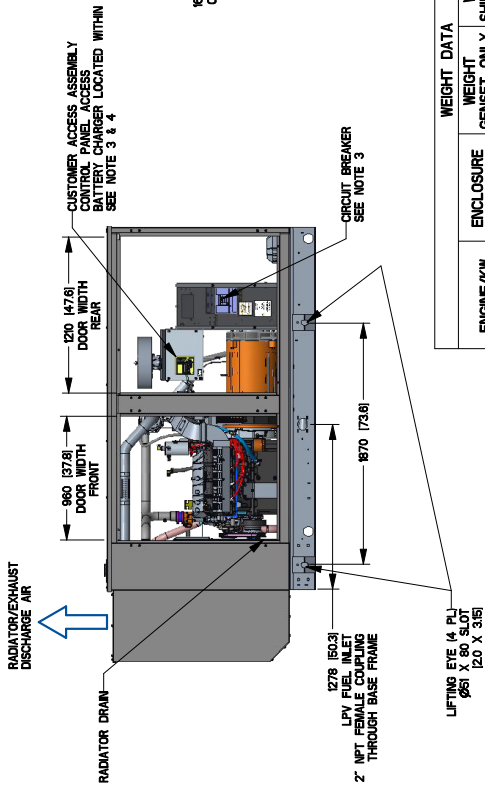
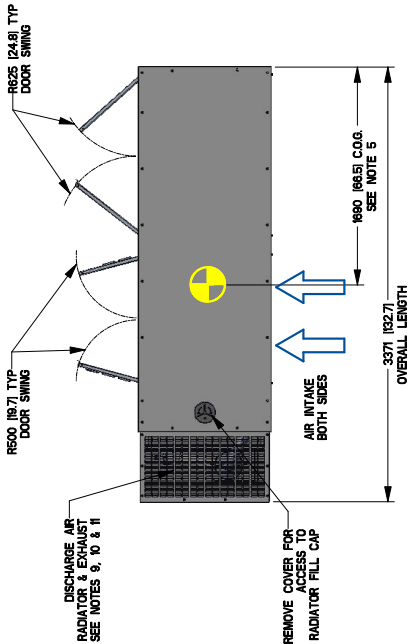
NOTE:
STUB-UP AREA FOR HIGH AND LOW
VOLTAGE CONNECTIONS, CIRCUIT BREAKER,
NEUTRAL AND CUSTOMER CONNECTION OPENING.



- NOTES:
1. MINIMUM RECOMMENDED CONCRETE PAD SIZE: 16" LARGER PER SIDE THAN FRAME
 2. 1305 (52) WIDE 300 (122) LONG
 3. REFERENCE INSTALLATION GUIDE SUPPLIED WITH UNIT FOR CONCRETE PAD GUIDELINES
 4. ALLOW SUFFICIENT ROOM ON ALL SIDES OF THE GENERATOR FOR MAINTENANCE
 5. ANY PARTS OF THE UNIT MUST BE INSTALLED IN ACCORDANCE WITH CURRENT APPLICABLE NFPA 70 AND NFPA 70 STANDARDS AS WELL AS ANY OTHER FEDERAL, STATE, AND LOCAL CODES
 6. SEE SPECIFICATION SHEET OR OWNER'S MANUAL
 7. ACCESSIBLE THROUGH CUSTOMER ACCESS ASSEMBLY ON LEFT SIDE OF GENERATOR
 8. INSURE PROPER CONNECTION OF ALL ELECTRICAL CONNECTIONS TO TRANSFER BATTERY CHARGER 120 VOLT AC (5 AMP MAX) CONNECTION AND ACCESS TO TRANSFER SWITCH CONTROL WIRES REMOVE REAR COVER FOR ACCESS
 9. CENTER OF GRAVITY AND WEIGHT MAY CHANGE DUE TO UNIT OPTIONS
 10. BOTTOM OF GENERATOR SET MUST BE ENCLOSED TO PREVENT PEST INTRUSION AND RADIATOR CLEANER BOTTLE MUST BE ENCLOSED TO PREVENT PEST INTRUSION
 11. REFERENCE OWNER'S MANUAL FOR LIFTING WARNINGS
 12. MOUNTING BOLTS OR STUDS TO MOUNTING SURFACE SHALL BE 5/8-11 GRADE 5 (USE STANDARD SAE TORQUE SPECS)
 13. MUST ALLOW FREE FLOW OF INTAKE AIR, DISCHARGE AIR AND EXHAUST. SEE SPEC
 14. GENERATOR MUST BE INSTALLED SUCH THAT FRESH COOLING AIR IS AVAILABLE AND THAT DISCHARGE AIR FROM RADIATOR IS NOT RECIRCULATED
 15. REMOVE FRONT END PANEL TO ACCESS EXHAUST MUFFLER ACCESS AVAILABLE THROUGH DOORS TO FAN BELT.

SERVICE ITEM	9.0L
OIL FILL CAP	EITHER SIDE
OIL DIP STICK	RIGHT SIDE
OIL FILTER	LEFT SIDE
OIL DRAIN HOSE	RIGHT SIDE
RADIATOR DRAIN HOSE	LEFT SIDE
COOLANT RECOVERY BOTTLE	RIGHT SIDE
RADIATOR FILL CAP	ROOF TOP
AIR CLEANER ELEMENT	EITHER SIDE
SPARK PLUGS	SEE NOTE 11
MUFFLER	EITHER SIDE
FAN BELT	RIGHT SIDE
BATTERY	EITHER SIDE

REFERENCE OWNER'S MANUAL
FOR PERIODIC REPLACEMENT
PART LISTINGS.



WEIGHT DATA			
ENGINE/KW	ENCLOSURE MATERIAL	WEIGHT GENSET ONLY KG (LBS)	SHIPPING WEIGHT KG (LBS)
9.0L/130KW	AL	1385 (3009)	1445 (3185)

DIMENSIONS: MM INCH

130 kW

GENERAC®

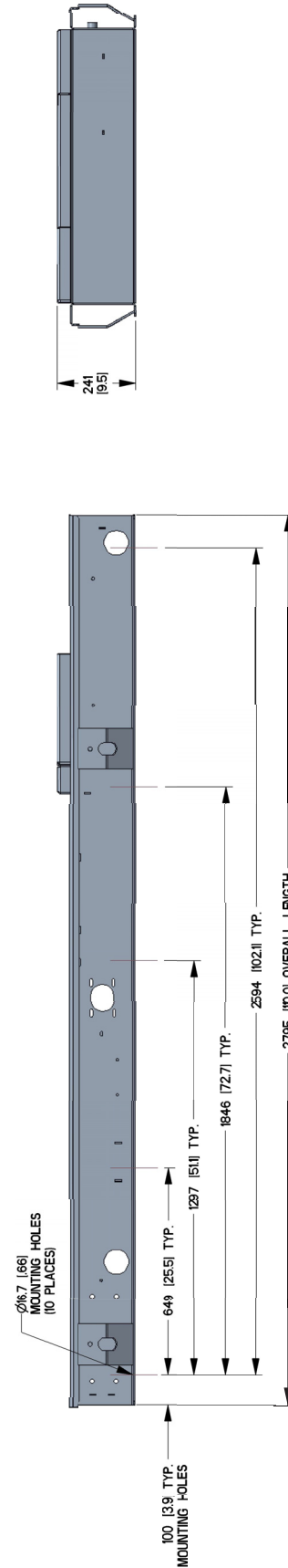
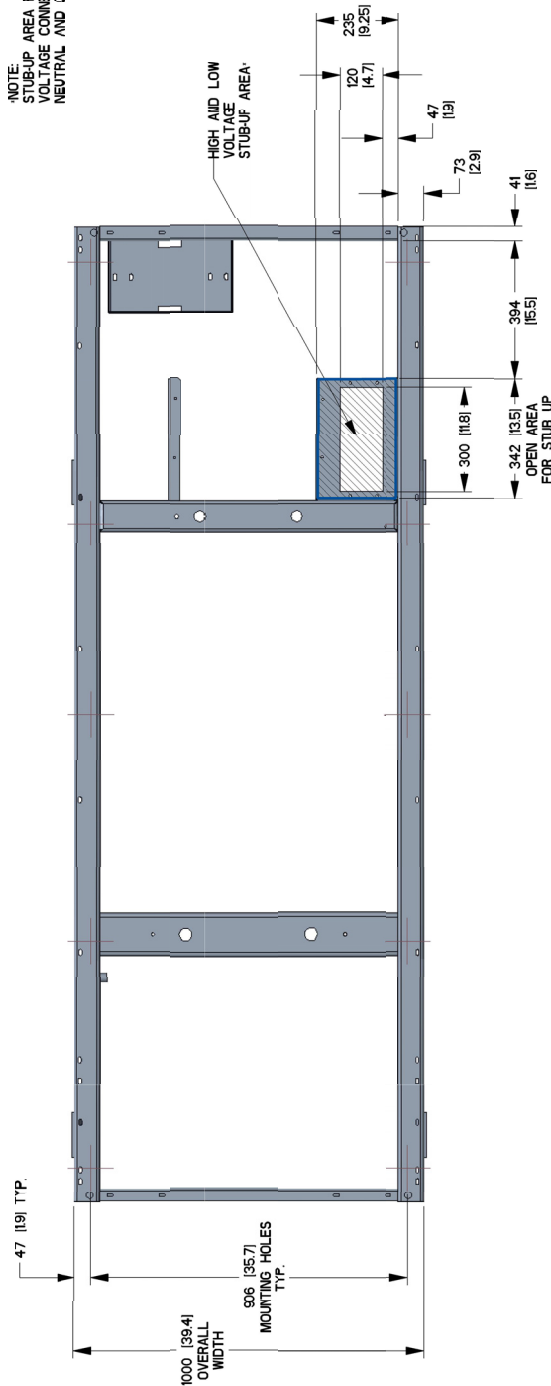
installation layout

Drawing #A0001618959 (2 of 2)

Protector® Series

9 of 11

NOTE:
STUB-UP AREA FOR HIGH AND LOW
VOLTAGE CONNECTIONS, CIRCUIT BREAKER,
NEUTRAL AND CUSTOMER CONNECTION OPENING.



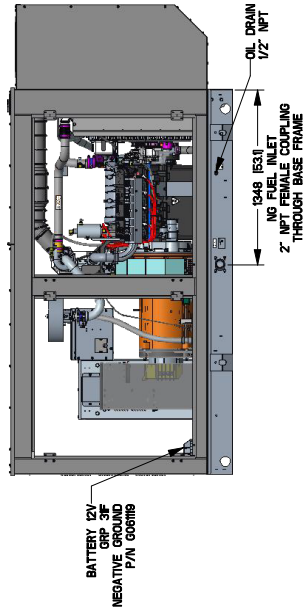
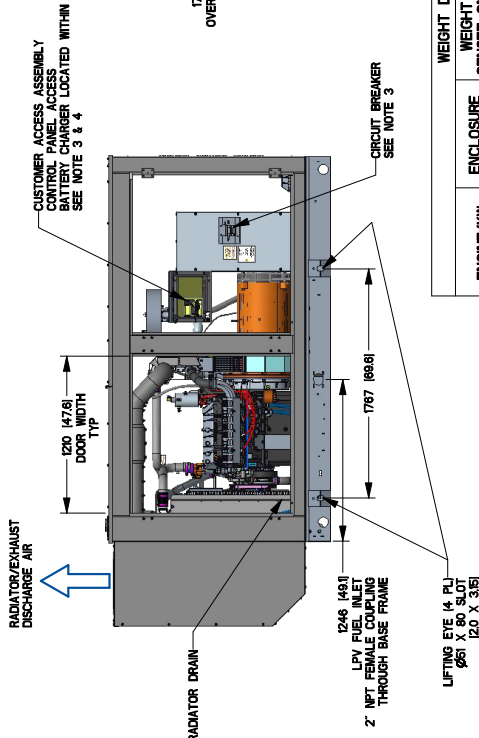
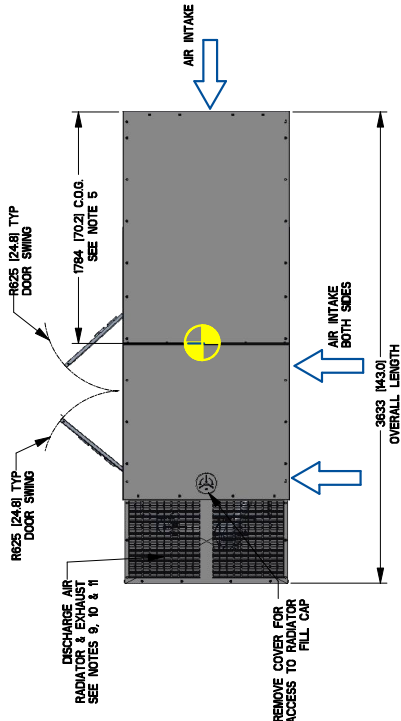
150 kW

Drawing #A0001618957 (1 of 2)

- NOTES:
1. MINIMUM RECOMMENDED CONCRETE PAD SIZE: 16" LARGER PER SIDE THAN FRAME
 2. 120V, 100 AMP, 100' CORD SUPPLIED WITH UNIT FOR CONCRETE PAD GUIDELINES. RECOMMENDED CONCRETE PAD SIZE: 16" LARGER PER SIDE THAN FRAME
 3. ALLOW SUFFICIENT ROOM ON ALL SIDES OF THE GENERATOR FOR MAINTENANCE AND SERVICING. THIS UNIT MUST BE INSTALLED IN ACCORDANCE WITH CURRENT APPLICABLE NFPA 37 AND NFPA 70 STANDARDS AS WELL AS ANY OTHER FEDERAL, STATE AND LOCAL CODES
 4. CONSULT LOCAL ELECTRICAL CODES FOR ANY ADDITIONAL REQUIREMENTS
 5. SEE SPECIFICATION SHEET OR OWNERS MANUAL
 6. ACCESSIBLE THROUGH CUSTOMER ACCESS ASSEMBLY ON LEFT SIDE OF GENERATOR
 7. INSIDE STUBUP AREA FOR AC LOAD LEAD CONDUIT CONNECTION, NEUTRAL CONNECTION, BATTERY CHARGER 120 VOLT AC IS AMP MAXI CONNECTION AND ACCESS TO TRANSFER SWITCH
 8. CENTER OF GRAVITY AND WEIGHT MAY CHANGE DUE TO UNIT OPTIONS
 9. BOTTOM OF GENERATOR SET MUST BE ENCLOSED TO PREVENT PEST INTRUSION AND RECIRCULATION OF DISCHARGE AIR AND/OR IMPROPER COOLING AIR FLOW
 10. REFERENCE OWNERS MANUAL FOR LIFTING WARNINGS
 11. USE STUBUP FOR TONGUE TO PREVENT PEST INTRUSION
 12. MUST ALLOW FREE FLOW OF INTAKE AIR, DISCHARGE AIR AND EXHAUST. SEE SPEC SHEET FOR MINIMUM AIR FLOW AND MAXIMUM RESTRICTION REQUIREMENTS
 13. GENERATOR MUST BE INSTALLED SUCH THAT FRESH COOLING AIR IS AVAILABLE AND THAT DISCHARGE AIR FROM RADIATOR IS NOT RECIRCULATED
 14. AIR EXHAUST PORT MUST BE TO ACCESS EXHAUST IMPELLER. ACCESS AVAILABLE THROUGH DOORS TO FAN BELT.

SERVICE ITEM	9.0L
OIL FILL CAP	RIGHT SIDE
OIL DIP STICK	RIGHT SIDE
OIL FILTER	LEFT SIDE
OIL DRAIN HOSE	RIGHT SIDE
RADIATOR DRAIN HOSE	LEFT SIDE
COOLANT RECOVERY BOTTLE	RIGHT SIDE
RADIATOR FILL CAP	ROOF TOP
AIR CLEANER ELEMENT	RIGHT SIDE
SPARK PLUGS	RIGHT SIDE
MUFFLER	SEE NOTE 11
FAN BELT	RIGHT SIDE
BATTERY	RIGHT SIDE

REFERENCE OWNERS MANUAL
FOR PERIODIC REPLACEMENT
PART LISTINGS.



ENGINE/KW	WEIGHT DATA			
	ENCLOSURE MATERIAL	WEIGHT GENSET ONLY KG (LBS)	WEIGHT SHIPPING SKID KG (LBS)	SHIPPING WEIGHT KG (LBS)
9.0L/50KW	AL	1487 (3278)	131 (289)	1618 (3560)

DIMENSIONS: MM (INCH)

150 kW

Drawing #A0001618957 (2 of 2)

