Guardian® Series

GENERAC[®]

GUARDIAN® SERIES

Standby Generators Liquid-Cooled Gas Engine

INCLUDES:

- Two Line LCD Tri-Lingual Digital Nexus[™] Controller
- Isochronous Electronic Governor
- Sound Attenuated Enclosure
- Closed Coolant Recovery System
- Smart Battery Charger
- UV/Ozone Resistant Hoses
- ±1% Voltage Regulation
- Natural Gas or LP Operation*
- 2 Year Limited Warranty
- UL 2200 Listed

*Note: 25-45 kW units are field convertible between natural gas or LP. 60 kW units are built per fuel requirement and are not convertible.

Standby Power Rating

Model QT025 (Steel - Bisque) - 25 kW 60Hz Model QT030 (Steel - Bisque) - 30 kW 60Hz Model QT045 (Steel - Bisque) - 45 kW 60Hz

Model QT060 (Steel - Bisque or Aluminum - Gray) - 60 kW 60Hz



QUIET TEST

Meets EPA Emission Regulations 25, 30 & 45 kW CA/MA emissions compliant 60 kW not for sale in CA/MA

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
- NEMA MG1-22 EVALUATION
- ✓ SYSTEM TORSIONAL TESTED
- MOTOR STARTING ABILITY

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 $\pm 1\%$.

- 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.





GENERAC

25 • 30 • 45 • 60 kW

application & engineering data

GENERATOR SPECIFICATIONS

Туре	Synchronous
Rotor Insulation Class	Н
Stator Insulation Class	Н
Telephone Interference Factor (TIF)	< 50
Alternator Output Leads 1-Phase	4 wire
Alternator Output Leads 3-Phase	6 wire
Bearings	Sealed Ball
Coupling	Flexible Disc
Excitation System	Direct

VOLTAGE REGULATION

Туре	Electronic
Sensing	Single Phase
Regulation	± 1%

GOVERNOR SPECIFICATIONS

Туре	Electronic
Frequency Regulation	Isochronous
Steady State Regulation	± 0.25%

ELECTRICAL SYSTEM

Battery Charge Alternator	12 Volt 15 Amp-25 & 30 kW 12 Volt 30 Amp-45 & 60 kW		
Static Battery Charger	2 Amp		
Recommended Battery	Group 26, 525CCA		
System Voltage	12 Volts		

GENERATOR FEATURES

Revolving field heavy duty generator Directly connected to the engine Operating temperature rise 120 °C above a 40 °C ambient Class H insulation is rated at 150 °C rise at 25 °C ambient All models fully prototyped tested

ENCLOSURE FEATURES

Steel weather protective enclosure with aluminum roof (all models) or aluminum weather protective enclosure (available on 60 kW only)	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.

ENGINE SPECIFICATIONS: 25 & 30kW

Make	Generac
Model	In-line
Cylinders	4
Displacement (Liters)	1.5
Bore (in./mm)	3.05/77.4
Stroke (in./mm)	3.13/79.5
Compression Ratio	11:1
Intake Air System	Naturally Aspirated
Lifter Type	Hydraulic

ENGINE SPECIFICATIONS: 45 & 60kW

Make	Generac
Model	In-line
Cylinders	4
Displacement (Liters)	2.4
Bore (in/mm)	3.41/86.5
Stroke (in/mm)	3.94/100
Compression Ratio	9.5:1
Intello Air Cuntors	Naturally Aspirated (45 kW) or
Intake Air System	Turbocharged/Aftercooled (60 kW)
Lifter Type	Hydraulic

ENGINE LUBRICATION SYSTEM

Oil Pump Type	Gear
Oil Filter Type	Full flow spin-on cartridge
Crankcase Capacity (quarts/liters)	4/3.8

ENGINE COOLING SYSTEM

Туре	Closed
Water Pump	Belt driven
	2484 - 25 & 30 kW
Fan Speed (rpm)	1865 - 45 kW
	2100 - 60 kW
For Dispositor (in Israel)	17.7/449.6 (25 & 30 kW) or
Fan Diameter (in/mm)	22/558.8 (45 & 60 kW)
- M	Pusher (25 & 30 kW) or
Fan Mode	Puller (45 & 60 kW)

FUEL SYSTEM

Fuel Type	Natural gas, propane vapor
Carburetor	Down Draft
Secondary Fuel Regulator	Standard
Fuel Shut Off Solenoid	Standard
Operating Fuel Pressure	5" - 14" H ₂ 0

3 of 9

GENERAC°

25 • 30 • 45 • 60 kW

operating data

Propane

GENERATOR OUTPUT VOLTAGE/kW - 60Hz

		kW LPG	Amp LPG	kW Nat. Gas	Amp Nat. Gas	CB Size (Both)
	120/240 V, 1Ø, 1.0 pf	25	104	25	104	125
QT025	120/208 V, 3Ø, 0.8 pf	25	87	25	87	100
	120/240 V, 3Ø, 0.8 pf	25	75	25	75	90
	120/240 V, 1Ø, 1.0 pf	30	125	30	125	150
QT030	120/208 V, 3Ø, 0.8 pf	30	104	30	104	125
	120/240 V, 3Ø, 0.8 pf	30	90	30	90	100
	120/240 V, 1Ø, 1.0 pf	45	188	45	188	200
QT045	120/208 V, 3Ø, 0.8 pf	45	156	45	156	175
Q1043	120/240 V, 3Ø, 0.8 pf	45	135	45	135	150
	277/480 V, 3Ø, 0.8 pf	45	68	45	68	80
	120/240 V, 1Ø, 1.0 pf	60	250	60	250	300
QT060	120/208 V, 3Ø, 0.8 pf	60	208	60	208	250
41000	120/240 V, 3Ø, 0.8 pf	60	180	60	180	200
	277/480 V, 3Ø, 0.8 pf	60	90	60	90	100

SURGE CAPACITY IN AMPS

Voltage	Dip @	<	.4	pf
15%		30	۱%	

		15%	30%
	120/240 V, 1Ø	86	209
QT025	120/208 V, 3Ø	84	204
	120/240 V, 3Ø	73	177
	120/240 V, 1Ø	109	264
QT030	120/208 V, 3Ø	109	264
	120/240 V, 3Ø	94	229
QT045	120/240 V, 1Ø	61	153
	120/208 V, 3Ø	64	160
	120/240 V, 3Ø	55	139
	277/480 V, 3Ø	29	72
	120/240 V, 1Ø	95	237
QT060	120/208 V, 3Ø	100	251
Q1000	120/240 V, 3Ø	87	218
	277/480 V, 3Ø	42	105

Note: Fuel pipe must be sized for full load.

For Btu content, multiply ft³/hr x 2520 (LP) or ft³/hr x 1000 (NG)

For megajoule content, multiple m³/hr x 93.89 (LP) or m³/hr x 37.26 (NG)

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

ENGINE FUEL CONSUMPTION

	Natural Gas		ai uas	as Fropalle		
		(ft³/hr)	(m^3/hr)	(gal/hr)	(l/hr)	
	Exercise cycle	60	1.7	0.7	2.5	
	25% of rated load	220	6.3	2.9	9.1	
QT025	50% of rated load	297	8.4	3.3	12.3	
	75% of rated load	362	10.3	4	15	
	100% of rated load	430	12.2	4.7	17.8	
	Exercise cycle	60	1.7	0.7	2.5	
	25% of rated load	240	6.8	2.6	10	
QT030	50% of rated load	320	9.1	3.5	13.3	
QT045	75% of rated load	400	11.4	4.4	16.6	
	100% of rated load	492	14	5.4	20.4	
	Exercise cycle	65	1.8	0.7	2.6	
	25% of rated load	210	6	2.3	8.6	
	50% of rated load	380	10.8	4.2	15.7	
	75% of rated load	545	15.5	5.9	22.4	
	100% of rated load	730	20.7	8	30.1	
QT060	Exercise cycle	123	3.5	1.34	5.1	
	25% of rated load	267	7.6	2.7	10.5	
	50% of rated load	483	13.7	5	19	
	75% of rated load	672	19.1	7	26.5	
	100% of rated load	862	24.5	9	33.9	

Natural Gas

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.



operating data

ENGINE COOLING

	25 kW	30 kW	45 kW	60 kW	
Air flow (inlet air including alternator and combustion air in cfm/cmm)	2490/70.5	2490/70.5	2725/77.2	3280/92.9	
System coolant capacity (gal/liters)	2/7.6	2/7.6	3/11.4	2.5/9.5	
Heat rejection to coolant (BTU per hr/MJ per hr)	112,000/118.2	112,000/118.2			
Maximum operation air temperature on radiator (°C/°F)	60/150				
Maximum ambient temperature (°C/°F)	50/140				

COMBUSTION REQUIREMENTS

Flow at rated power (cfm/cmm)	62/1.8	72/2	144/4.1	180/5.1
-------------------------------	--------	------	---------	---------

SOUND EMISSIONS

Sound output in dB(A) at 23 ft (7 m) with generator in exercise mode*	59	59	61	65
Sound output in dB(A) at 23 ft (7 m) with generator operating at normal load*	72	73	73	72

^{*}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.

EXHAUST

Exhaust flow at rated output (cfm/cmm)	203/5.7	237/6.7	420/11.9	494/14
Exhaust temperature at muffler outlet (°C/°F)	593/1100	610/1130	593/1100	566/1050

ENGINE PARAMETERS

|--|

POWER ADJUSTMENT FOR AMBIENT CONDITIONS

Temperature Deration	
Altitude Deration (25, 30 & 45 kW)	
Altitude Deration (60 kW)	

CONTROLLER FEATURES

2-Line Plain Text LCD Display	Simple user interface for ease of operation.
Mode Switch: Auto	Simple user interface for ease of operationAutomatic Start on Utility failure. 7 day exerciser
	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	Standard
Engine Start Sequence	StandardCyclic cranking: 16 sec on, 7 rest (90 sec maximum duration)
Fngine Warm-up	5 sec
Engine Cool-Down	1 min
	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	
Overspeed Shutdown	Standard, 72 HzStandard
Overcrank Protection	
	Standard
Low Battery Protection	Standard
50 Event Run Log	Standard
Future Set Capable Exerciser	
Incorrect Wiring Protection	Standard
	Standard
Common External Fault Capability	Standard
Governor Failure Protection	Standard

GENERAC

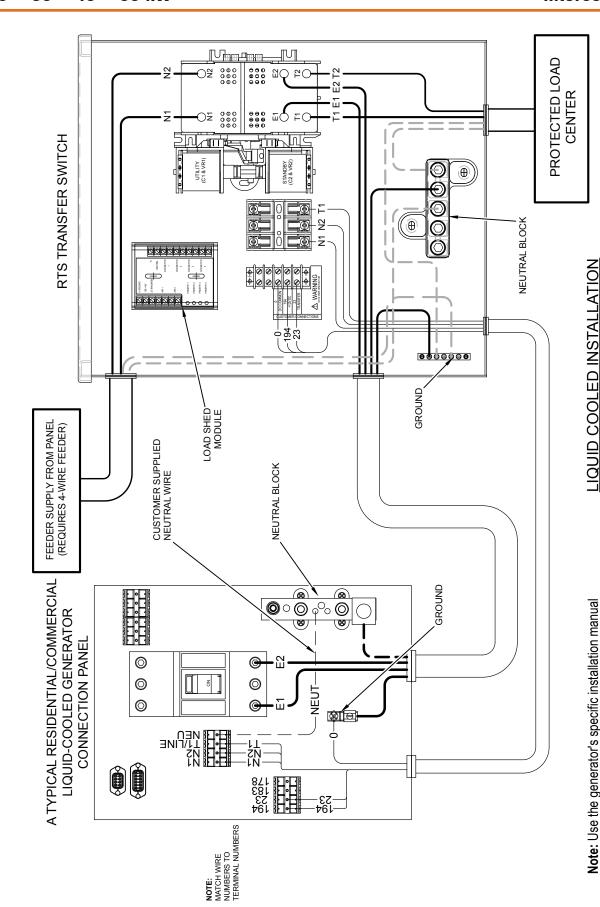
available accessories

25 • 30 • 45 • 60 kW

Model #	Product	Description
006175-0 - 25 & 30 kW 005630-0 - 45 & 60 kW	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.
006174-0 - 25 & 30 kW 005616-0 - 45 & 60 kW	Extreme Cold Weather Kit	Recommended where the temperature regularly falls below 32 $^{\circ}$ F (0 $^{\circ}$ C) for extended periods of time. For liquid cooled units only.
005621-0	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 60kW models.
005651-0	Base Plug Kit	Add base plugs to the base of the generator to keep out debris.
005703-0 - Bisque 005704-0 - Gray	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.
006176-0 - 25 & 30 kW 006172-0 - 45 kW 006171-0 - 60 kW	Scheduled Maintenance Kit	The Liquid-Cooled Scheduled Maintenance Kits offer all the hardware necessary to perform complete maintenance on Generac liquid-cooled generators.
005928-0	Wireless Remote	Completely wireless and battery powered, Generac's wireless remote monitor provides you with instant status information without ever leaving the house.
005951-0	Advanced Wireless Remote	Remotely control generator functions with the advanced model's LCD display. In addition to remote testing of the generator, set the exercise cycle and maintenance interval reminders.
006199-0	PMM Starter Kit	The PMM Starter Kit consists of a 24 VAC, field installed transformer that enables the use of the 24 VAC Power Management Modules (PMMs) and one PMM. The standard controller (without starter kit) can control two HVAC loads with no additional hardware. Not compatible with pre-wired switches.
006186-0	Power Management Module (50 Amps)	Power Management Modules are used in conjunction with the Smart Switch to increase its power management capabilities. It gives the Smart Switch additional power management flexibility not found in any other transfer switch. Not compatible with pre-wired switches. Note: PMM Starter Kit required.
006463-0	Mobile Link™	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.
006478-0	Harness Adapter Kit	The Harness Adapter Kit is required to make liquid-cooled units compatible with Mobile Link™.

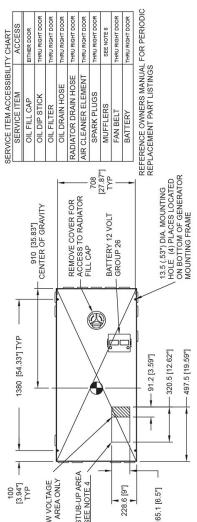
^{*} Note: Bisque kits are used in conjunction with steel enclosures. Gray kits are used in conjunction with aluminum enclosures (available on 60kW units only).

6 of 9



Note: Use the generator's specific installation manual and wiring diagrams to verify generator wiring connections, as they may differ slightly from illustration.





SERVICE ITEM ACCESSIB SERVICE ITEM	OIL FILL CAP	OIL DIP STICK	OIL FILTER	OIL DRAIN HOSE	RADIATOR DRAIN HOSE	AIR CLEANER ELEMENT	SPARK PLUGS	MUFFLERS	FAN BELT	BATTERY	REFERENCE OWNERS MANU REPLACEMENT PART LISTIN		
	910 [35 83"]	CENTER OF GRAVITY		-	REMOVE COVER FOR	ACCESS TO RADIATOR		BATTERY 12 VOLT TYP		•	2 2 2	13.5 (.53") DIA. MOUNTING HOLE (4) PLACES LOCATED	ON BOTTOM OF GENERATOR MOUNTING FRAME
100 [3.94"] - 1380 [54.33"] TYP	TYP		LOW VOLTAGE	AKEA ONLY	And	SEE NOTE 4				Z28.6 [9"]	- 912[3.59"]	165.1 [6.5"]	497.5 [19.59″]

1580 [62. 1169 [46.02"]	DOOR TYP			FIELD CUT HOLE FOR OU
CONTROL PANEL BATTERY CHARGER IS ENCLOSED WITHIN	SEE NOTE 4 CIRCUIT BREAKER SEF NOTE 3	152.5 [6"] — [6"] — [MIN.	39.59	
			CONCRETE MOUNTING PAD	SEE NOTE 1 REAR VIEW
	AIR INLET LOUVERS	13.5 (.53°) DIA. MOUNTING HOLE (4) PLACES, 12.7 (1/2°) DIA. MASONRY ANCHOR BOLTS RECOMMENDED		
		13.5 (.53") DIA, MOUNTING HOLE (4) PLACES, 12.7 (1, DIA, MASONRY ANCHOR BOLTS RECOMMENDED		

		WEIGHT DATA	DATA	
ENGINE/KW	ENCLOSURE MATERIAL	WEIGHT (GENSET ONLY) KG [LBS]	WEIGHT (WOODEN SHIPPING CRATE/SKID) KG [LBS]	SHIPPING WEIGHT (SKID AND GENSET) KG [LBS]
1.5L/25KW	STEEL	379 [835]	30 [66]	409 [901]
1.5L/30KW	STEEL	406 [895]	30 [66]	436 [961]

2) ALLOW SUFFICIENT ROOM ON ALL SIDES OF THE GENERATOR FOR MAINTENANCE AND SERVICING, THIS UNIT MUST BE INSTALLED IN ACCORDANCE WITH CURRENT APPLICABLE IN PROF 37 AND NFPA 70 STANDARDS AS WELL AS ANY OTHER FEDERAL. STATE AND LOCAL CODES FOR MINIMUM DISTANCES FROM OTHER STRUCTURES.	3) CIRCUIT BREAKER INFORMATION: SEE SPECIFICATION SHEET WITHIN OWNERS MANUAL	4) INSIDE STUB-UP AREA FOR AC LOAD LEAD CONDUIT CONNECTION, NEUTRAL CONNECTION, BATTERY CHARGER 120 VOLTA AC (;5 ANP MAX,) CONNECTION, ACCESS TO TRANSFER SWITCH CONTROL WIRES, AND TRANSFER SWITCH CONNECTION (F SO EQUIPPED), REMOVE FRONT COVER FOR ACCESS.	4A) FIELD CUT HOLE IS ONLY REQUIRED FOR MOUNTING OF GENERATOR ON AN EXISTING PAD.	5) REFERENCE OWNERS MANUAL FOR LIFTING WARNINGS.	6) REMOVE ENCLOSURE TO ACCESS EXHAUST MUFFLER.	
2) ALLO AND 3 APPL STATI	3) CIRCI SEE 8	4) INSID CONN ACCE CONN	tA) FIELD EXIST	5) REFE	6) REMC	

1) MINIMUM RECOMMENDED CONCRETE PAD SIZE:1041 (41.0°) WIDE X 1892 (74.5°) LONG REFERENCE INSTALLATION GUIDE SUPPLIED WITH UNIT FOR CONCRETE PAD GUIDELINES.

		736 [28.98"]			10000 10000 10000 10000 10000		FRONT VIEW	EXHAUST MUFFLERS ENCLOSED WITHIN, SFF NOTF 6		
VISE ACTION LATCH, ONE PER DOOR, ONE LIFT-OFF DOOR PER SIDE OF GENERATOR		EXHAUST AND AIR DISCHARGE LOUVERS - FRONT AND SIDES		122.5 TYP [33.57]	MIN.	I IETING PROVISION	(4) PLACES, SEE NOTE 5 AND CENTER OF GRAVITY DIMENSIONS	JECTION E COUPLING		
	62.2"]						RIGHT SIDE VIEW	\ FUEL LINE CONNECTION 3/4" NPT FEMALE COUPLING OUTSIDE CONDUIT	EE NOTE 4A	
TOP VIEW	1580 [62.2"]	1169 [46.02"] DOOR TYP		· • • • • • • • • • • • • • • • • • • •		2 2 2	780 [30.71"]	FUEL LII 3/4" NPT FIELD CUT HOLE FOR OUTSIDE CONDUIT	CONNECTION ONLY, SEE NOTE 4A	
	CONTROL PANEL BATTERY CHARGER IS FINCI OSED WITHIN	FRONT COVER SEE NOTE 4	CIRCUIT BREAKER SEE NOTE 3	152.5	MIN.		AD TYP –			
	В				19000		CONCRETE MOUNTING PAD	REAR VIEW		
		t g	LOUVERS /	152.5 [6"] MIN.		_ 🗀				SHIPPING
		•		DIA. MOUNTING PLACES, 12.7 (1/2") ONRY ANCHOR	NDED				DATA	WEIGHT
				DIA. MC PLACES ONRY A	COMME				WEIGHT DATA	WEIGHT

8 of 9

GENERAC

REAR VIEW

LIFTING PROVISION
(4) PLACES, SEE NOTE 5 AND
CENTER OF GRAVITY DIMENSIONS

STUB-UP AREA 780 [30.71"]

NATURAL GAS LINE CONNECTION 3/4" NPT FEMALE COUPLING LOCATED ON THIS SIDE (LH)

56 [2.2"]

FRONT VIEW

AIR INLET LOUVERS

FIELD CUT HOLE FOR OUTSIDE CONDUIT CONNECTION ONLY, SEE NOTE 4A

LEFT SIDE VIEW

	SERVICE ITEM ACCESSIBILITY CHART	TY CHART
	SERVICE ITEM	2.4L
}	OIL FILL CAP	EITHER DOOR
100	OIL DIP STICK	THRU RIGHT DOOR
[#] TYP	OIL FILTER	THRU RIGHT DOOR
	OIL DRAIN HOSE	THRU RIGHT DOOR
VOLTAGE	RADIATOR DRAIN HOSE	THRU LEFT DOOR
A ONLY	AIR CLEANER ELEMENT	EITHER DOOR
	SPARK PLUGS	THRU RIGHT DOOR
3-UP AREA	MUFFLER	SEE NOTE 6
NOIE 4	FAN BELT	SEE NOTE 6
· [BATTERY	THRU LEFT DOOR
	CIGCIGIG GOT INTINAM SETIMAN PONTERTOR	טוםטום בם בסבו

CENTER OF GRAVITY 785 [31"]

REMOVE COVER FOR ACCESS TO RADIATOR FILL CAP

13.5 (.53") DIA. MOUNTING HOLE (4) PLACES LOCATED ON BOTTOM OF GENERATOR MOUNTING FRAME

REFERENCE OWNERS MANUAL FOR PERIODIC REPLACEMENT PART LISTINGS

- 850 [33.5"]

VISE ACTION LATCH, ONE PER DOOR, ONE LIFT-OFF DOOR PER SIDE OF GENERATOR **→** 195.3 [7.69"] SEE N 58.5 [2.3"] LOW V 381 1750 [68.9"] TYP TOP VIEW 102 91.4 822 [32.36"] TYP

1950 [76.77"] BATTERY 12 VOLT 26F 525 COLD CRANKING AMPS

CONTROL PANEL
BATTERY CHARGER IS
ENCLOSED WITHIN 1145.5 [45.1"] [34.8"] DOOR TYP 152.5 [6"] MIN. 1139 [44.84"] DOOR TYP CIRCUIT BREAKER SEE NOTE 3 SEE NOTE 4 EXHAUST MUFFLER ENCLOSED WITHIN, --SEE NOTE 6 [6"] MIN. [6"] MIN.

2) 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 37 STANDARDS AS WELLAS ANY OTHER FEDERAL, STATE AND LOCAL CODES FOR MINIMUM DISTANCES FROM OTHER FEDERAL. FOR CONCRETE PAD GUIDELINES.

4) INSIDE STUB-UP AREA FOR AC LOAD LEAD CONDUIT CONNECTION, NEUTRAL CONNECTION, BATTERY CHARGER 120, VOLTA C, FAMP MAX, JONNECTION, AND ACCESS I OTRANSFER SWITCH CONTROL WIRES. FEMOVE FRONT COVER FOR ACCESS. 3) CIRCUIT BREAKER INFORMATION: SEE SPECIFICATION SHEET WITHIN OWNERS MANUAL

4A) FIELD CUT HOLE IS ONLY REQUIRED FOR MOUNTING OF GENERATOR ON AN EXISTING PAD.

5) REFERENCE OWNERS MANUAL FOR LIFTING WARNINGS.

6) REMOVE EITHER LEFT OR RIGHT HAND SIDE PANEL TO ACCESS EXHAUST MUFFLER AND FAN BELT. CONCRETE MOUNTING PAD (SEE NOTE 1) 152.5 [6"] MIN. EXHAUST AND AIR DISCHARGE LOUVERS - FRONT AND SIDES 13.5 (.53") DIA. MOUNTING HOLE (4) PLACES, 12.7 (1/2") DIA. MASONRY ANCHOR BOLTS RECOMMENDED

1) MINIMUM RECOMMENDED CONCRETE PAD SIZE:1155 (45,5°) WIDE X 2255 (88.8°) LONG. REFERENCE INSTALLATION GUIDE SUPPLIED WITH UNIT

