

4

3

SH

1/2

REV

A

WINDCHILL VERSION

A.1

1

SERVICE ITEM	2.2L	WEIGHT DATA WITH EMPTY BASE TANK (SEE NOTE 5)
OIL FILL CAP	RIGHT SIDE	GENERATOR AS SHOWN 842 [1857]
OIL DIP STICK	RIGHT SIDE	WITH WOODEN SHIPPING SKID 888 [1957]
OIL FILTER	RIGHT SIDE	
OIL DRAIN HOSE	RIGHT SIDE	WEIGHT: KG [LBS]
RADIATOR DRAIN HOSE	LEFT SIDE	DIMENSIONS: MM [INCH]
COOLANT RECOVERY BOTTLE	LEFT SIDE	
RADIATOR FILL CAP ACCESS	ROOF	
AIR CLEANER ELEMENT	RIGHT SIDE	
MUFFLER	FRONT SIDE	
FAN BELT	EITHER SIDE	
BATTERY	LEFT SIDE	

REFERENCE OWNERS MANUAL FOR PERIODIC REPLACEMENT PART LISTINGS

NOTES:

- MINIMUM RECOMMENDED CONCRETE PAD SIZE: 1194 (47") WIDE X 2729 (108") LONG. REFERENCE INSTALLATION GUIDE SUPPLIED WITH UNIT FOR CONCRETE PAD GUIDELINES
- 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.
- CONTROL PANEL / CIRCUIT BREAKER INFORMATION:
 - SEE SPECIFICATION SHEET OR OWNERS MANUAL
 - ACCESSIBLE THROUGH CUSTOMER ACCESS ASSEMBLY DOOR ON REAR OF GENERATOR
- REMOVE THE REAR TANK AND REAR ENCLOSURE COVER PANEL TO ACCESS THE STUB-UP AREAS AS FOLLOWS:
 - HIGH VOLTAGE CONNECTION INCLUDING AC LOAD LEAD CONDUIT CONNECTION NEUTRAL CONNECTION, BATTERY CHARGER 120 VOLT AC (0.5 AMP MAX) CONNECTION.
 - LOW VOLTAGE CONNECTIONS INCLUDING TRANSFER SWITCH CONTROL WIRES
- CENTER OF GRAVITY AND WEIGHT MAY CHANGE DUE TO UNIT OPTIONS.
- ENGINE SERVICE CONNECTIONS
 - OIL DRAIN: 3/8" NPT
 - EXHAUST OUTLET: 2" O.D.
- BOTTOM OF GENERATOR SET MUST BE ENCLOSED TO PREVENT PEST INTRUSION AND AND RECIRCULATION OF DISCHARGE AIR AND/OR IMPROPER COOLING AIR FLOW.
- REFERENCE OWNERS MANUAL FOR LIFTING WARNINGS.
- MOUNTING BOLTS OR STUDS TO CONCRETE PAD SHALL BE 5/8-11 GRADE 5 (USE STANDARD SAE TORQUE SPECS)

INTERNAL DIVIDER PANEL SEPARATES FUEL TANK VENTILATION DUCT FROM THE ENGINE, ALTERNATOR AND EXHAUST SYSTEM

RADIATOR/EXHAUST DISCHARGE AIR (BOTH SIDES)

AIR INTAKE (BOTH SIDES)

1029 [40.5]
CENTER OF GRAVITY

REMOVE PANEL TO ALLOW TANK VENTS TO TERMINATE OUTSIDE OF THE GENERATOR ENCLOSURE (CHECK LOCAL AND STATE CODE FOR APPLICABILITY)

173 [6.8]
EXHAUST OUTLET611 [24.0]
EXHAUST OUTLET

REMOVE COVER FOR ACCESS TO RADIATOR FILL CAP

BATTERY 12 VOLT NEGATIVE GROUND

TOP VIEW

RADIATOR/EXHAUST DISCHARGE AIR

897 [35.3]
DOOR WIDTH TYP

FUEL TANK VENTILATION DUCT

OPEN PUNCHED LOUVERS TYPICAL ON BOTH SIDES OF FUEL TANK VENTILATION DUCT TO PROVIDE ADEQUATE CROSS-FLOW OF AIR VENTILATION

EXHAUST MUFFLER ENCLOSED WITHIN GENERATOR ENCLOSURE

LEFT SIDE VIEW

LIFT DOOR PROVIDES ACCESS TO: FUEL FILL, FUEL LEVEL GAUGE, NORMAL VENT, INNER TANK EMERGENCY VENT, OUTER TANK EMERGENCY VENT, OPTIONAL 90% ALARM ASSEMBLY, OPTIONAL 5 GALLON SPILL BOX

WISE ACTION LATCH, ONE PER DOOR, ONE LIFT-OFF DOOR ON FRONT, RIGHT AND LEFT SIDES

REAR ENCLOSURE COVER PANNEL, SEE NOTE 4

CUSTOMER ACCESS ASSEMBLY, CONTROL PANEL ACCESS, BATTERY CHARGER LOCATED WITHIN SEE NOTE 4

CIRCUIT BREAKER SEE NOTE 3

REMOVABLE STUB-UP COVER SEE NOTE 4

1495 [58.9]
OVERALL HEIGHT888 [35.0]
OVERALL WIDTH

REAR VIEW

365 [14.4]
TYP197 [7.8]
TYP1938 [76.3]
TYP2424 [95.4]
OVERALL LENGTH

RIGHT SIDE VIEW

LIFTING PROVISIONS (4 PLACES) SEE NOTES 5, 8 AND CENTER OF GRAVITY DIMENSIONS

DRAWING CREATED FROM PRO/ENGINEER 3D FILE. ECO MODIFICATION TO BE APPLIED TO SOLID MODEL ONLY.

INSTALLATION DRAWING

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ELECTRONICALLY APPROVED
INSIDE WINDCHILL**GENERAC**

TITLE

INSTALL PROTECTOR D2.2L G22
EXTENDED TANK

ISSUE DATE: 10/16/19

SIZE

CAGE NO

DWG NO

A0000442801

REV

SCALE

0.050

WT-KG

SEE ABOVE

SHEET

1 of 2

4

3

2

1

4

3

SH

2/2

REV

A

WINDCHILL VERSION

A.1

1

2089 [82.2] TYP
1386 [54.6] TYP
1314 [51.7] TYP
351 [13.8]
227 [9.0]
101 [4.0]
660 [26.0] TYP
620 [24.4] TYP
487 [19.2]
282 [11.1] TYP
266 [10.5] TYP
169 [6.7]
216 [8.5]
314 [12.3]
2160 [85.0]
62 [2.5]
253 [10.0]
125 [4.9] STUB-UP AREA
51 [2.0]
38 [1.5]
717 [28.2]
786 [30.9]

OUTER TANK EMERGENCY VENT (2" NPT FEMALE)
INNER TANK NORMAL VENT (2" NPT FEMALE)
INNER TANK EMERGENCY VENT (2" NPT FEMALE)
FUEL RETURN
FUEL SUPPLY
OUTER TANK LEAK DETECTOR
HIGH AND LOW VOLTAGE STUB-UP AREA
125 [4.9] STUB-UP AREA
CUSTOMER OPTION (2" NPT FEMALE)
FUEL LEVEL GAUGE/SENDER
FUEL FILL (2" NPT FEMALE)

TOP VIEW

FUEL TANK	
TOTAL CAPACITY	233 [61]
USABLE CAPACITY	215 [57]

CAPACITY: LITER [GALLON]
DIMENSIONS: MM [INCH]

THIS TANK IS LISTED TO UL142 AND ULC5601

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

291 [11.5] FUEL TANK HEIGHT
110 [4.3] TYP
690 [27.2] TYP
1216 [47.9] TYP
1769 [69.6] TYP
2322 [91.4] TYP
2424 [95.4]

LEFT SIDE VIEW

850 [33.5]
438 [17.2]
19 [.7] TYP
851 [33.5] MOUNTING CENTERS TYP
888 [35.0]
REMOVABLE STUB-UP COVER SEE NOTE 4
Ø 16.7 [0.66] MOUNTING HOLES (10 PLACES) SEE NOTE 9

REAR VIEW

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ELECTRONICALLY APPROVED
INSIDE WINDCHILL

TITLE				
INSTALL PROTECTOR D2.2L G22 EXTENDED TANK				
ISSUE DATE:		10/16/19		
SIZE	CAGE NO	DWG NO	REV	
B	N/A	A0000442801	A	
SCALE	0.075	WT-KG	SEE ABOVE	SHEET 2 of 2

4

3

2

1