

4

3

SH

1/2

REV

A

WINDCHILL VERSION

A.1

1

NOTES:

1. MINIMUM RECOMMENDED CONCRETE PAD SIZE: 1092 (43") WIDE X 2355 (93") LONG. REFERENCE INSTALLATION GUIDE SUPPLIED WITH UNIT FOR CONCRETE PAD GUIDELINES.
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 70 STANDARDS AS WELL AS ANY OTHER FEDERAL, STATE, AND LOCAL CODES.
3. CONTROL PANEL / CIRCUIT BREAKER INFORMATION:
 - SEE SPECIFICATION SHEET OR OWNERS MANUAL
 - ACCESSIBLE THROUGH CUSTOMER ACCESS ASSEMBLY DOOR ON REAR OF GENERATOR.
4. 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 CONNECTION INCLUDING TRANSFER SWITCH CONTROL WIRES AND ACCESSORY RELAY CONNECTION (QTY 4)
5. CENTER OF GRAVITY AND WEIGHT MAY CHANGE DUE TO UNIT OPTIONS.
6. BOTTOM OF GENERATOR SET MUST BE ENCLOSED TO PREVENT PEST INTRUSION AND RECIRCULATION OF DISCHARGE AIR AND/OR IMPROPER COOLING AIR FLOW.
7. EXHAUST SYSTEM MAXIMUM BACK PRESSURE: 24 INCHES H₂O.
8. REFERENCE OWNERS MANUAL FOR LIFTING WARNINGS.
9. MOUNTING BOLTS OR STUDS TO MOUNTING SURFACE SHALL BE 5/8-11 GRADE 5 (USE STANDARD SAE TORQUE SPECS)

SERVICE ITEM	2.3L	WEIGHT DATA WITH EMPTY BASETANK (SEE NOTE 5)	
OIL FILL CAP	RIGHT SIDE	GENERATOR AS SHOWN (STEEL ENCL)	667 [1470]
OIL DIP STICK	RIGHT SIDE	WITH WOODEN SHIPPING SKID	707 [1555]
OIL FILTER	RIGHT SIDE	WEIGHT: KG [LBS]	
OIL DRAIN HOSE	RIGHT SIDE	DIMENSIONS: MM [INCH]	
RADIATOR DRAIN HOSE	LEFT SIDE		
AIR CLEANER ELEMENT	EITHER SIDE		
MUFFLER	FRONT		
FAN BELT	EITHER SIDE		
BATTERY	LEFT SIDE		

REFERENCE OWNERS MANUAL FOR PERIODIC REPLACEMENT PART LISTINGS.

2" O.D. EXHAUST OUTLET

580 [22.8]

927 [36.5]

CENTER OF GRAVITY SEE NOTE 5

212 [8.3]

RADIATOR/EXHAUST DISCHARGE AIR (BOTH SIDES)

AIR INTAKE (BOTH SIDES)

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

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

REMOVE COVER FOR ACCESS TO RADIATOR FILL CAP

BATTERY 12 VOLT NEGATIVE GROUND

TOP VIEW

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

397 [15.6]

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

100 [3.9]

1841 [72.5]

2050 [80.7]

OVERALL LENGTH

RIGHT SIDE VIEW

LIFT OFF 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

1276 [50.2]

OVERALL HEIGHT

776 [30.6]

OVERALL WIDTH

FRONT VIEW

RADIATOR/EXHAUST DISCHARGE AIR

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

REAR ENCLOSURE COVER PANEL SEE NOTE 4

CIRCUIT BREAKER SEE NOTE 3

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

REAR TANK COVER SEE NOTE 4

LEFT SIDE VIEW

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 D2.3L G16
EXT TANK

ISSUE DATE: 10/2013

SIZE

CAGE NO

DWG NO

0K4894

REV

B

N/A

A

SCALE

0.050

WT-KG

SHEET

1 of 2

4

3

2

1

4

3

SH

2/2

REV

A

WINDCHILL VERSION

A.1

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FUEL TANK	
TOTAL CAPACITY	127 [33.5]
USABLE CAPACITY	121 [32]

CAPACITY: LITER [GALLON]
 DIMENSIONS: MM [INCH]
 TANK IS LISTED TO UL142 AND ULC/ORD-C142.18

1722 [67.8]
 1632 [64.2]
 1310 [51.6]
 907 [35.7]
 356 [14.0]
 231 [9.1]
 106 [4.2]
 624 [24.6] TYP
 574 [22.6] TYP
 464 [18.3]
 292 [11.5]
 210 [8.3]
 285 [11.2]
 1807 [71.1]
 50 [2.0]
 100 [3.9]
 200 [7.9] STUB-UP AREA
 11 [4]
 105 [4.1]
 559 [22.0]
 639 [25.2]
 674 [26.5] STUB-UP AREA
 51 [2.0]

OUTER TANK EMERGENCY VENT (2" NPT FEMALE)
 INNER TANK NORMAL VENT (2" NPT FEMALE)
 FUEL RETURN
 FUEL SUPPLY
 OUTER TANK LEAK DETECTOR
 CUSTOMER OPTION 2" NPT FEMALE
 HIGH AND LOW VOLTAGE STUB-UP AREA
 CIRCUIT BREAKER, NEUTRAL AND CUSTOMER CONNECTION OPENING
 105 [4.1]
 11 [4]
 51 [2.0]
 200 [7.9] STUB-UP AREA
 100 [3.9]
 50 [2.0]
 11 [4]
 105 [4.1]
 559 [22.0]
 639 [25.2]
 674 [26.5] STUB-UP AREA
 51 [2.0]

OUTER TANK EMERGENCY VENT (2" NPT FEMALE)
 INNER TANK EMERGENCY VENT (2" NPT FEMALE)
 FUEL LEVEL GAUGE/SENDER
 FUEL FILL (2" NPT FEMALE)

110 [4.3] TYP
 739 [29.1] TYP
 1368 [53.9] TYP
 1950 [76.8] TYP
 2050 [80.7]

496 [19.5]
 19 [.7]
 739 [29.1] MOUNTING CENTERS
 776 [30.6]

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ELECTRONICALLY APPROVED
 INSIDE WINDCHILL

TITLE
 INSTALL STUB-UP VIEW PROTECTOR D2.3L
 EXT TANK

ISSUE DATE:

SIZE B	CAGE NO	DWG NO OK4894	REV A
SCALE 0.075	WT-KG	SHEET 2 of 2	