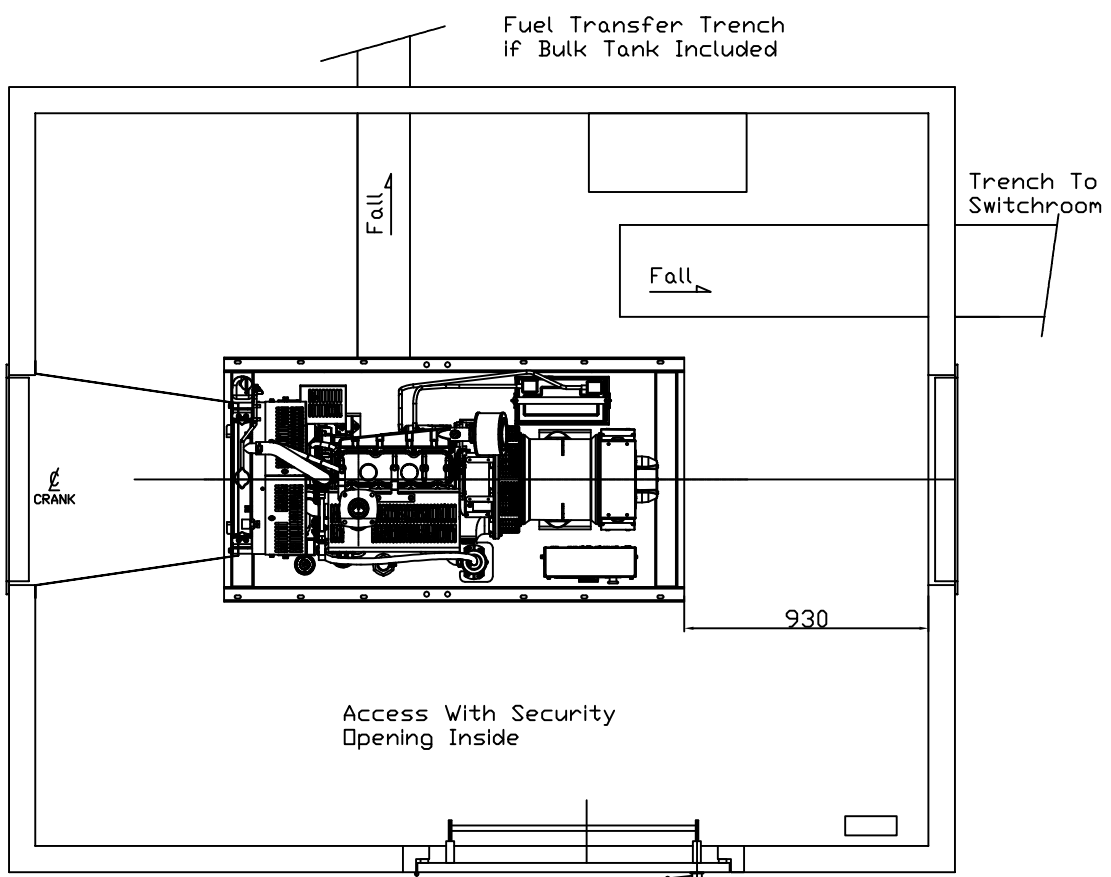


REL No.	LTR No.	REVISION	DRN	CHKD	APPROVED	DATE
ECO-124206	B	1	ENGINEER TO ORDER	LG	RP	J CARRASCO 09JUL12
Genset Model (X-Series Engine)			C33 D5	C38 D5		
Maximum Outside Ambient Temperature - DegC *			50C	50C		
Cooling Package Capability - DegC **			50C	50C		
Genset Weight Dry - kg			710	745		
Genset Weight Wet - kg			875	910		
Exhaust Gas Flow (Standby) - m3/min			7121	7121		
Exhaust Gas Temperature (Standby) - DegC			600	600		
Exhaust Maximum Back Pressure - kPA			4.74	4.74		



* Genset Derate is not considered - refer to relevant datasheet for derate.
 * Above specification can be found in Cummins Doc SS19-CPGK, Engine Spec.

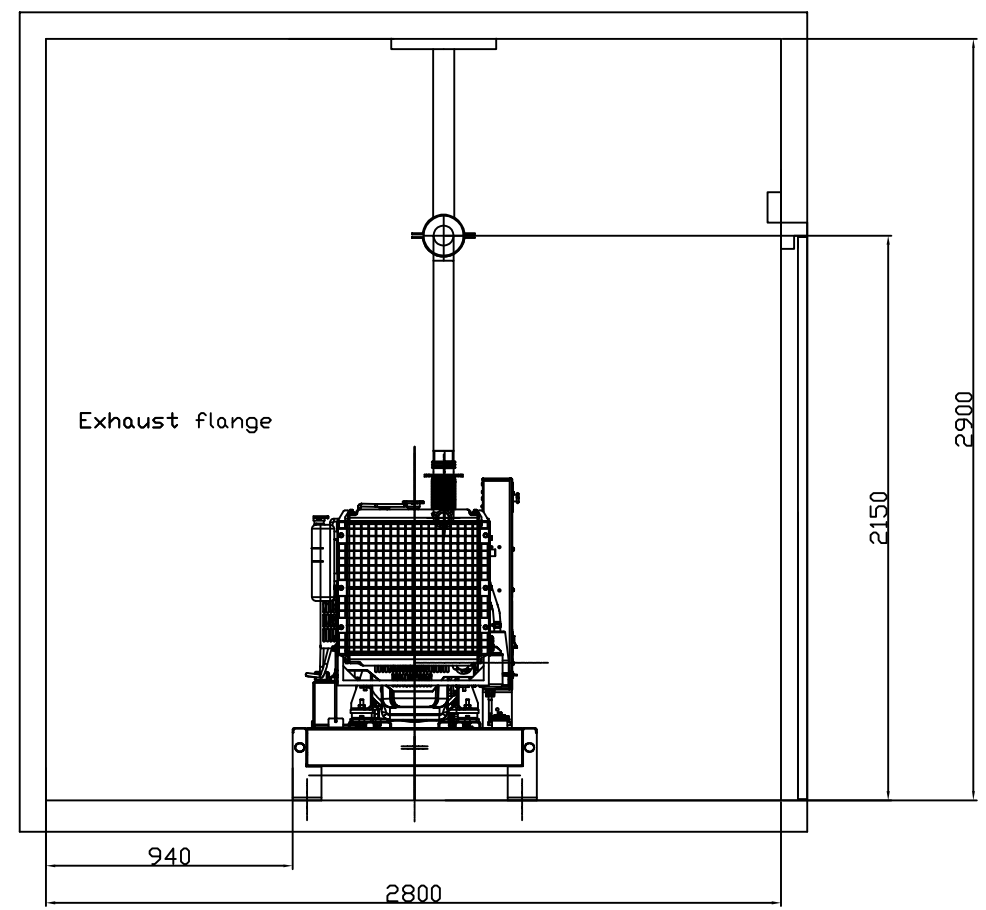
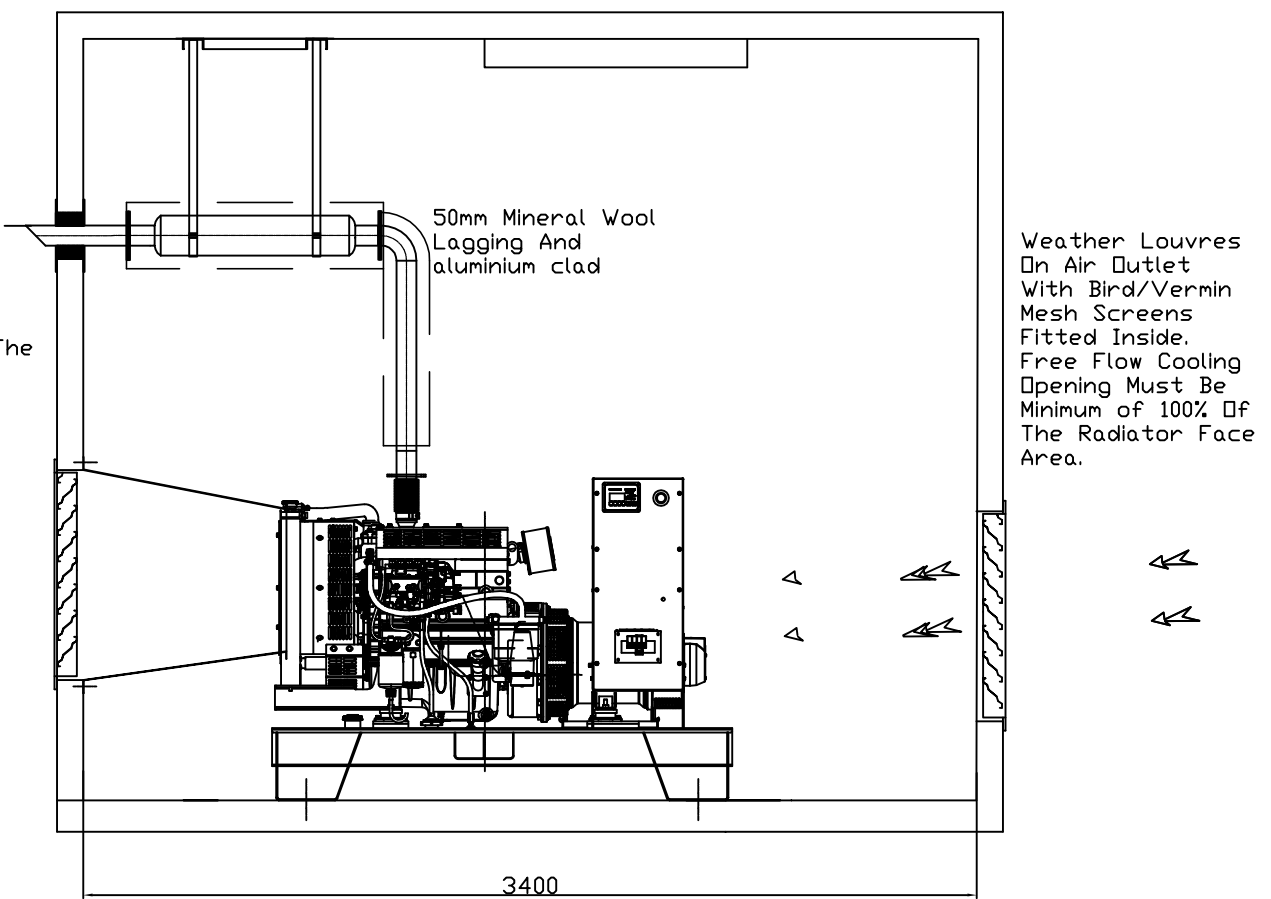
INFORMATION:

The illustrated room represents Minimum Dimensions required for this model. The project Civil Engineer is responsible for design of foundation, base and structure, sufficient to support the weight of this Genset. Cummins offers civil works guidance in section 6 of the Application Manual (T030)

Additional space should be allocated for the following items:

- 1) Air Inlet & Outlet Sound Attenuators
- 2) Motorized Inlet & Outlet Louvers.
- 3) Recirculation Ductwork for Cold Environments.
- 4) Roof extractor fan.
- 5) Optional Residential Mufflers (allow min 1M between Genset and Muffler)
- 6) Day Tank, Fuel Bunds and Fuel Transfer Pumps.
- 7) Bulk Fuel Tank Storage
- 8) LV Distribution board (Rad Fan Motors, Genset Heaters, Room Lights/power).
- 9) LV Distribution options (Fuel T/F Pumps, Battery Charger Feed, Switchboard DC Systems, Motorised Louvre Feeds, Room heaters, Room Cooling Fans, Fire & Security alarms.
- 10) Battery Charger, Genset Circuit Breakers and/or Switchgear, ATS and Digital
- 11) Minimum clearance between top of muffler and roof should be 500mm
- 12) Minimum clearance between bottom of muffler and floor should be 2000mm
- 13) All Metal Components (Door, Louvre) must be earthed
- 14) For complete GA drawing refer to 0500-4991

The drawing shows exhaust system suspended from the roof. A floor frame can be used where roof support are not possible. The Silencer and Exhaust Pipe must not be supported by the engine or radiator.



UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETRES		SIMILAR TO		DRN	L GAKURE		Cummins Power Generation
DO NOT SCALE PRINT				CHECKED	R PATRICK		
DIM X = ±1 XX = ±0.5 XXX = ±0.15	TOLERANCE 0.00-4.99 +0.15/-0.08 5.00-9.99 +0.20/-0.10 10.00-24.99 +0.25/-0.13 25.00-99.99 +0.30/-0.13	CONFIDENTIAL PROPERTY OF CUMMINS POWER GENERATION GROUP	DATE 09JUL2012	APPROVED J CARRASCO	SITE CODE PGK	INST-X3.3G2-0010	SHEET 1 of 1
ANGULAR TOL: ±1.0°		SCALE: 1:1		FOR INTERPRETATION OF DIMENSIONS AND CLEARANCES, SEE STANDARDS FIRST USED ON X3.3G2 - IND		SHEET 1 of 1	REV A