

C550 D5e

550kVA Cummins CPG

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CUMMINS
C 5 5 0 D 5 e



FUEL FLOW

MAX. FUEL FLOW	424
MAX. FUEL INLET REST.	127
MAX. FUEL INLET TEMP.	71°C

GENERAL FEATURES

MODEL	C550 D5e
FREQUENCY	50 Hz
FUEL TYPE	Diesel

The C400D5KO-1 Cummins powered diesel generator is a genuine designed and built generator including all key components - engine, alternator, transfer switches and control systems.

Only genuine parts are used to optimise performance, fuel efficiency and longevity of the genuine Cummins generator. The Cummins generators are fully supported with worldwide warranty and backed by Cummins' extensive parts and service network.

FUEL CONSUMPTION

RATINGS	STANDBY RATING				PRIME RATING			
	550 (440)				500 (400)			
LOAD	1/4	1/2	3/4	FULL	1/4	1/2	3/4	FULL
L/hr	36.5	62.0	88.0	121.7	33.4	57.4	80.6	104.2

AIR

	STANDBY RATING	PRIME RATING
COMBUSTION AIR, m³/min	36.27	32.50
MAXIMUM AIR CLEANER RESTRICTION, kPa	3.73 - 6.22	

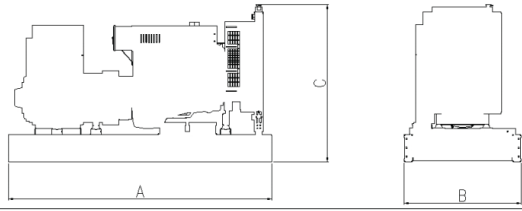
EXHAUST

EXHAUST GAS FLOW AT SET RATED LOAD, m³/min	82.2	75.3
EXHAUST GAS TEMPERATURE, °C	515	488
MAXIMUM EXHAUST BACK PRESSURE, kPa	10.2	

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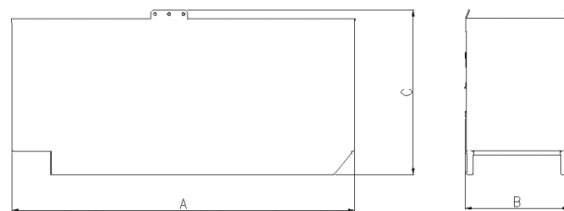
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Standard open set dimensions
 SIZE(L*W*H): 3427*1500*2066 (MM)
 N.W.: 4137(KGS)

Outlines are for illustrative purposes only. Please refer to the genset outline drawing for an exact representation of this model.



Enclosed set standard dimensions
 SIZE(L*W*H): 5106*1553*2447(MM) 20FT CONTAINER
 N.W.: 5442(KGS)

ENGINE SPECIFICATIONS

1	ENGINE MODEL	QSX15 G8
2	ENGINE MANUFACTURER	Cummins
3	CONFIGURATION	4 Cycle; In-line; 6 Cylinder Diesel
4	ASPIRATION	Turbo Charged and Charge Air Cooled
5	GROSS ENGINE POWER OUTPUT	500kWm
6	BORE	137mm
7	STROKE	169mm
8	RATED SPEED	1500mm
9	PISTON SPEED	8.4m/s
10	COMPRESSION RATIO	17:1
11	LUBE OIL CAPACITY	91 L
12	OVERSPEED LIMIT	1500 ±10%
13	REGENERATIVE POWER	37 kW
14	GOVERNOR TYPE	Electronic
15	STARTING VOLTAGE	24 Volts DC