Image shown may not reflect actual configuration

C15 Sound Attenuated Enclosures

50 Hz / 60 Hz

These sound attenuated, factory installed enclosures incorporate internally mounted super critical level silencers, designed for safety and aesthetic value on integral fuel tank base or optional dual wall integral fuel tank base for total fluid containment. These enclosures are of extremely rugged construction to withstand exposure to the elements and provide weather protection.

Features

Robust / Highly Corrosion Resistant Construction

- Factory installed on integral fuel tank base
- Environmentally friendly, polyester powder baked paint
- 1.6 mm (0.063 in) galvanized steel
- All round overhanging base to protect enclosure
- High-grade engineering thermoplastic corner posts for protection
- Integral lifting frame
- Compression door latches giving solid door seal
- Zinc plated or black coated stainless steel fasteners
- Internally mounted super critical exhaust silencing system

Excellent Access

- Large cable entry area for installation ease
- Accommodates rear mounted breaker and control panel
- Double doors on both sides
- Vertically hinged doors with solid bar door stays to hold doors open at 135° rotation
- Lube oil and coolant drains pipes to exterior of enclosure and terminated drain valves
- Radiator fill cover

Security and Safety

- Lockable access doors which give full access to control panel and breaker
- Cooling fan and battery charging alternator fully guarded
- Fuel fill, oil fill and battery can only be reached via lockable access
- Externally mounted emergency stop button
- Designed for spreader-bar lifting to ensure safety
- Control panel viewing window
- Stub-up area is rodent proof

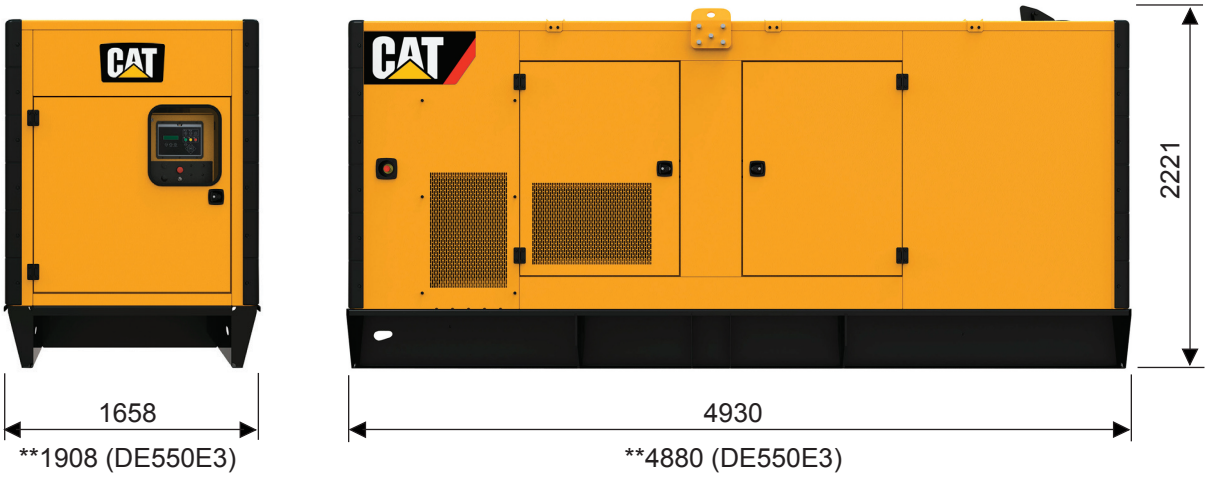
Options

- Caterpillar yellow or white paint
- Integral dual wall fuel tank base for total fluid containment (fuel, oil and coolant)

Enclosure Package Operating Characteristics

Model	kVA	ekW	SB/PP	LWA	Sound Pressure Levels dBA 1m (3.3 ft) 75% Load	Sound Pressure Levels dBA 1m (3.3 ft) 100% Load	Sound Pressure Levels dBA 7m (23 ft) 75% Load	Sound Pressure Levels dBA 7m (23 ft) 100% Load	Air Flow Rate m^3/s	Air Flow Rate cfm	Ambient Capability at 100% Load* °C	Ambient Capability at 100% Load* °F
50 Hz												
DE500E0	455	364	PP	98	79	79	69	70	5.7	12078	44	111
	500	400	SB	98	79	80	69	70	5.7	12078	45	113
DE550E0	500	400	PP	98	79	80	69	70	5.7	12078	40	104
	550	440	SB	98	79	80	70	71	5.7	12078	41	106
DE550E3	500	400	PP	–	82	83	73	74	6.1	12925	54	129
	550	440	SB	–	83	84	73	75	6.1	12925	52	126
60 Hz												
DE450SE0	513	410	PP	–	81	82	71	72	6.3	13349	47	117
	563	450	SB	–	82	83	71	73	6.3	13349	49	120
DE500SE0	569	455	PP	–	82	83	71	73	6.3	13349	43	109
	625	500	SB	–	82	83	72	73	6.3	13349	45	113

*Ambient capability measured with the Cat extended life coolant at sea level.



Approximate weight of enclosure package: 5071 kg (11180 lb), **5300 kg (11685 lb) DE550E3. Exact weight is dependent on options. Enclosure weight includes: sound attenuated enclosure, exhaust system, base and generator set.

www.cat.com/electricpower

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