



C13 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.

Image shown may not represent actual configuration

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

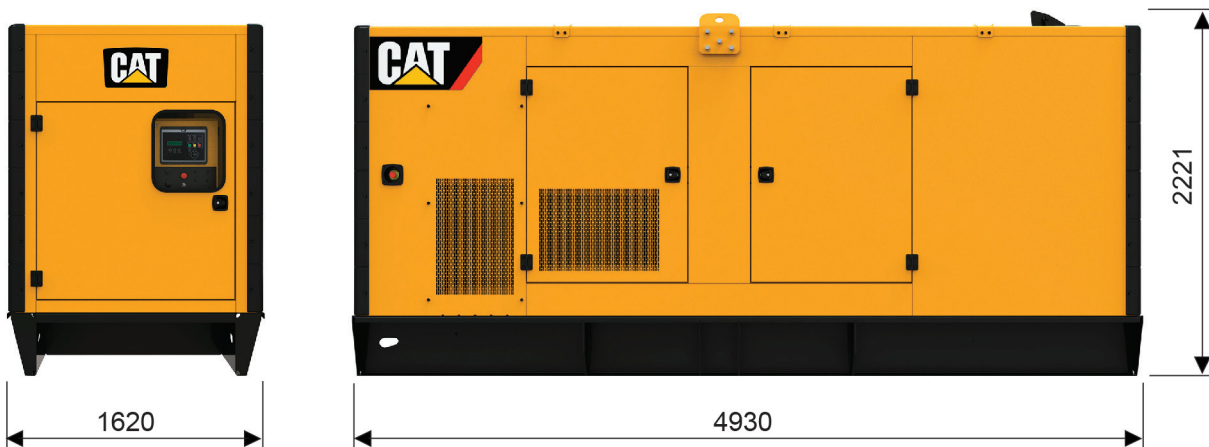
- Caterpillar yellow or white paint
- Integral dual wall fuel tank base for total fluid containment (fuel, oil and coolant)

Enclosure Package Operating Characteristics

| Model | kVA | ekW | SB/PP | LWA | Sound Pressure Levels dBA | | | | Air Flow Rate | | Ambient Capability at 100% Load* | |
|--------------|-----|-----|-------|-----|---------------------------|-----------|------------|-----------|---------------|-------|----------------------------------|-----|
| | | | | | 1m (3.3 ft) | | 7m (23 ft) | | m³/s | cfm | °C | °F |
| | | | | | 75% Load | 100% Load | 75% Load | 100% Load | | | | |
| 50 Hz | | | | | | | | | | | | |
| DE400E0 | 350 | 280 | PP | 97 | 79 | 80 | 69 | 70 | 5.6 | 11866 | 54 | 129 |
| | 400 | 320 | SB | 97 | 80 | 80 | 70 | 70 | 5.6 | 11866 | 54 | 129 |
| DE450E0 | 400 | 320 | PP | 98 | 80 | 80 | 70 | 70 | 5.6 | 11866 | 49 | 120 |
| | 450 | 360 | SB | 98 | 80 | 81 | 70 | 71 | 5.6 | 11866 | 49 | 120 |
| DE450E3** | 400 | 320 | PP | – | 80 | 80 | 70 | 70 | 5.6 | 11866 | 58 | 136 |
| | 450 | 360 | SB | – | 80 | 80 | 70 | 71 | 5.6 | 11866 | 54 | 129 |
| 60 Hz | | | | | | | | | | | | |
| DE350SE0 | 400 | 320 | PP | – | 82 | 82 | 72 | 72 | 7.9 | 16739 | 56 | 133 |
| | 438 | 350 | SB | – | 82 | 83 | 72 | 72 | 7.9 | 16739 | 57 | 135 |
| DE400SE0 | 438 | 350 | PP | – | 82 | 83 | 72 | 72 | 7.9 | 16739 | 52 | 126 |
| | 500 | 400 | SB | – | 82 | 83 | 72 | 73 | 7.9 | 16739 | 51 | 124 |

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

**Available as DTO only.



Approximate weight of enclosure package: 4667 kg (10289 lb), **4770 kg (10516 lb) DE450E3. Exact weight is dependent on options. Enclosure eight includes: sound attenuated enclosure, exhaust system, base and generator set.

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