



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.



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

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