



Picture shown may not reflect actual package.

## C18 SOUND ATTENUATED ENCLOSURES

Larne 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

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

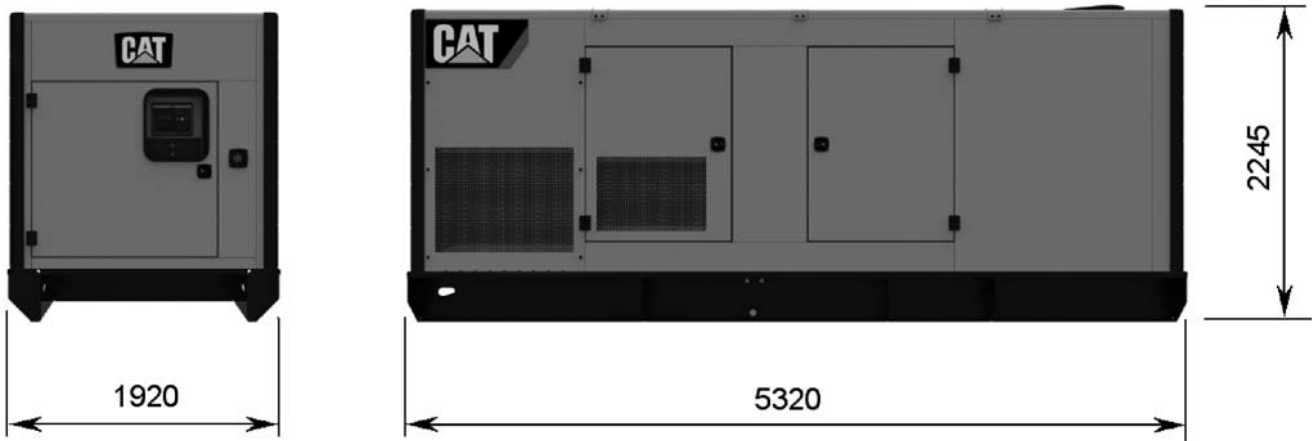
## SOUND ATTENUATED ENCLOSURE OPERATING CHARACTERISTICS

60 Hz SA Enclosure (Low BSFC)			Ambient Capability*		Airflow Rate		Sound Pressure Levels dBA @ Full Load			Exhaust Back Pressure	
ekW	kVA	PP/SB	°C	°F	m³/s	cfm	1 m	7 m	15 m	in/H <sub>2</sub> O	kPa
600	750	SB	44	111	7.8	16,570	85.5	73.6	67.6	14.9	3.7
545	681	PP	43	109	7.8	16,570	85.6	73.5	67.5	12.0	3.0
550	688	SB	48	118	7.8	16,570	85.6	73.5	67.5	12.3	3.1
500	625	PP	47	117	7.8	16,570	85.6	73.5	67.5	10.7	2.7

\*Ambient measured with Cat Extended Life Coolant

50 Hz SA Enclosure (Low BSFC)			Ambient Capability*		Airflow Rate		Sound Pressure Levels dBA @ Full Load			Exhaust Back Pressure	
ekW	kVA	PP/SB	°C	°F	m³/s	cfm	1 m	7 m	15 m	in/H <sub>2</sub> O	kPa
560	700	SB	44	112	5.6	11,866	82.4	72.7	66.7	11.2	2.8
508	635	PP	43	109	5.6	11,866	82.3	72.5	66.5	8.8	2.2
528	660	SB	47	116	5.6	11,866	82.4	72.6	66.6	9.7	2.4
480	600	PP	45	113	5.6	11,866	82.2	72.4	66.4	8.1	2.0
484	605	SB	50	122	5.6	11,866	82.2	72.4	66.4	8.2	2.0
440	550	PP	48	118	5.6	11,866	82.1	72.2	66.2	7.1	1.8

\*Ambient measured with Cat Extended Life Coolant



Approximate weight of enclosure package: 5824 kg (12,840 lb). Exact weight is dependent on options. Enclosure weight includes: sound attenuated enclosure, exhaust system, base and generator set. Generator set enclosure also available in white. (Cat yellow is standard color)

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