



Picture shown may not reflect actual package.

C18 HIGH AMBIENT ACOUSTIC ENCLOSURES

50 Hz / 60 Hz

These high ambient, factory installed enclosures incorporate internally mounted residential 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 around overhanging base to protect enclosure
- High-grade engineering thermoplastic corner posts for protection
- Compression door latches giving solid door seal
- Zinc plated or black coated stainless steel fasteners
- Internally mounted residential 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)

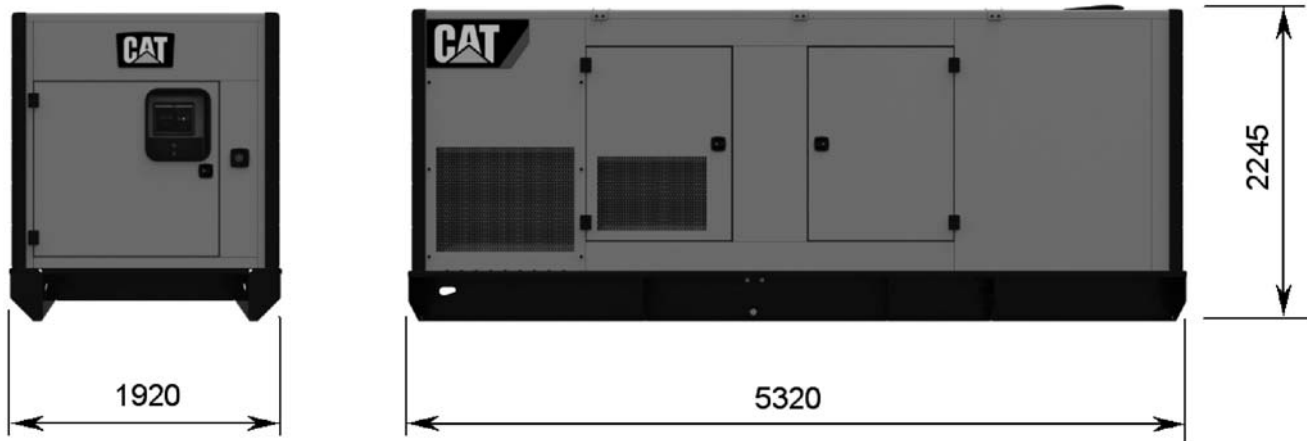
HIGH AMBIENT ENCLOSURE OPERATING CHARACTERISTICS

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 ₂ O	kPa
600	750	SB	53	127	7.8	16,527	91.1	78.8	72.8	16.1	4.0
545	681	PP	51	123	7.8	16,527	90.8	78.6	72.6	13.6	3.4
550	688	SB	56	133	7.8	16,527	90.9	78.6	72.6	14.1	3.5
500	625	PP	53	128	7.8	16,527	90.6	78.4	72.4	12.4	3.0

*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 ₂ O	kPa
560	700	SB	52	126	6.1	12,925	90.5	78.4	72.4	12.4	3.1
508	635	PP	49	120	6.1	12,925	89.8	78.0	72.0	10.0	2.5
528	660	SB	54	129	6.1	12,925	90.1	78.1	72.1	11.1	2.8
480	600	PP	51	124	6.1	12,925	89.4	77.7	71.7	9.1	2.3
484	605	SB	56	133	6.1	12,925	89.5	77.7	71.7	9.2	2.3
440	550	PP	53	127	6.1	12,925	88.9	77.3	71.3	7.7	1.9

*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: high ambient enclosure, exhaust system, base and generator set. Generator set enclosure also available in white (Cat yellow is standard color).