



Picture shown may not reflect actual package.

C15 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
- Integral lifting frame
- 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)

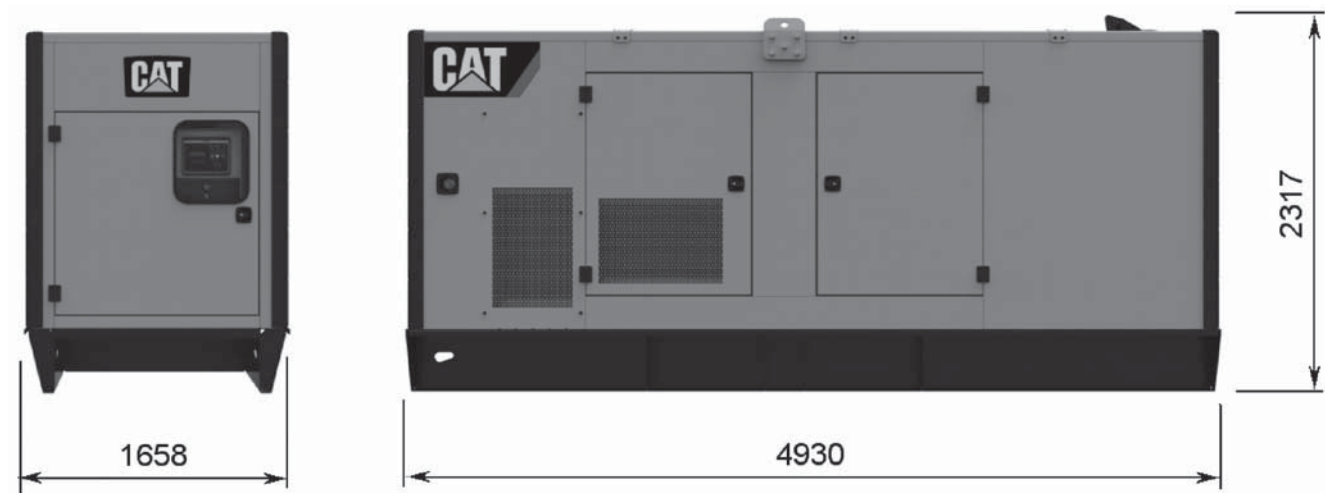
HIGH AMBIENT ENCLOSURE OPERATING CHARACTERISTICS

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
500	625.0	SB	54	129	8.3	17,587	92.6	80.3	74.3	11.6	2.9
455	568.8	PP	53	127	8.3	17,587	92.3	80.0	74.0	10.0	2.5
450	562.5	SB	59	138	8.3	17,587	92.2	80.0	74.0	9.6	2.4
410	512.5	PP	56	133	8.3	17,587	91.9	79.6	73.6	8.0	2.0
400	500.0	SB	63	145	8.3	17,587	91.8	79.6	73.6	7.6	1.9
365	456.3	PP	60	140	8.3	17,587	91.5	79.3	73.3	6.4	1.6

*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
440	550	SB	52	126	6.6	13,985	89.1	77.5	71.5	8.0	2.0
400	500	PP	50	122	6.6	13,985	88.9	77.3	71.3	7.2	1.8
400	500	SB	56	133	6.6	13,985	88.9	77.3	71.3	7.2	1.8
364	455	PP	53	127	6.6	13,985	88.7	77.0	71.0	6.1	1.5
360	450	SB	59	138	6.6	13,985	88.7	77.0	71.0	6.0	1.5
328	410	PP	57	135	6.6	13,985	88.5	76.7	70.7	5.0	1.2

*Ambient measured with Cat Extended Life Coolant



Approximate weight of enclosure package: 5280 kg (11,640 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).

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