



Picture shown may not reflect actual package.

C15 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 bases or optional fabricated steel bases. These enclosures are of extremely rugged construction to withstand exposure to the elements of weather, and provides weather protection.

FEATURES

ROBUST/HIGHLY CORROSION RESISTANT CONSTRUCTION

- Factory installed
- Environmentally friendly, polyester powder baked paint
- 14 gauge steel
- Zinc plated or stainless steel fasteners
- Internally mounted super critical exhaust silencing system

EXCELLENT ACCESS

- Large cable entry area for installation ease
- Accommodates rear mounted breaker
- Double doors on both sides
- Vertically hinged doors allow 180° opening 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, coolant 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

OPTIONS

- Yellow or white paint
- Interior lighting system
- Skid base with dragging and fork pockets
- Integral fuel tank base

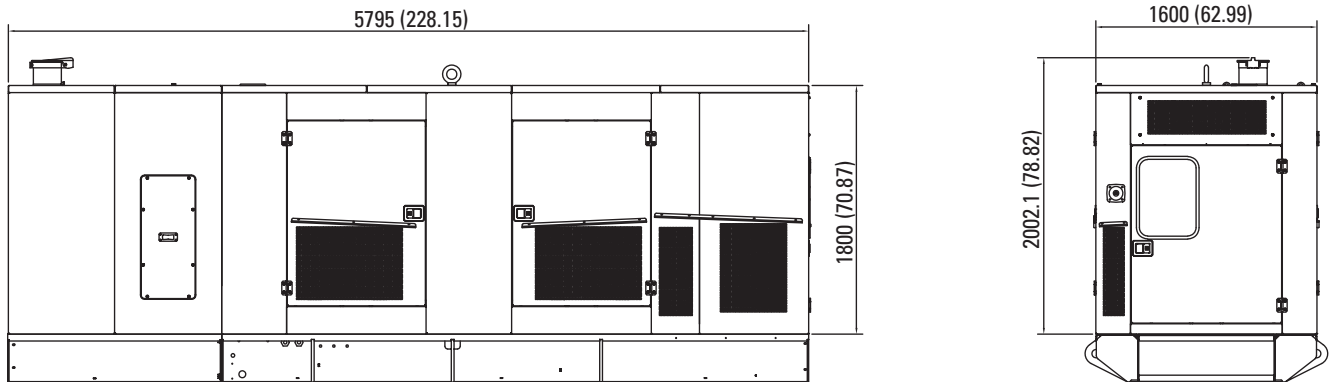
SOUND ATTENUATED ENCLOSURE OPERATING CHARACTERISTICS

60 Hz SA Enclosure 1 Breaker			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
550	687.5	SB	42	108	11.9	25,215	87.7	76.7	70.7	18.0	4.5
500	625.0	SB	46	115	11.9	25,215	87.0	75.8	69.8	16.0	4.0
455	568.8	PP	44	111	11.9	25,215	86.4	75.2	69.2	14.3	3.6
450	562.5	SB	47	117	9.9	20,978	84.6	74.6	68.6	14.1	3.5
410	512.5	PP	44	111	9.9	20,978	84.2	74.0	68.0	12.5	3.1
400	500.0	SB	50	122	9.9	20,978	84.1	73.9	67.9	12.2	3.0
365	456.3	PP	47	117	9.9	20,978	83.8	73.4	67.4	10.9	2.7
350	437.5	SB	54	129	9.9	20,978	83.7	73.2	67.2	10.4	2.6
320	400.0	PP	50	122	9.9	20,978	83.5	72.9	66.9	9.3	2.3

*Ambient measured with Caterpillar Extended Life Coolant

50 Hz SA Enclosure (Low Emissions)			Ambient Capability*		Airflow Rate		Sound Pressure Levels dBA @ Full Load			Exhaust Back Pressure	
kVA	ekW	PP/SB	°C	°F	m³/s	Cfm	1 m	7 m	15 m	in/H ₂ O	kPa
550	440	SB	45	113	7.7	16,315	81.3	70.8	64.8	12.4	3.08
500	400	PP	43	109	7.7	16,315	80.7	70.0	64.0	10.9	2.71
500	400	SB	48	118	7.7	16,315	80.7	70.0	64.0	10.9	2.71
455	364	PP	46	115	7.7	16,315	80.1	69.4	63.4	9.5	2.35
450	360	SB	52	126	7.7	16,315	80.1	69.3	63.3	9.3	2.31
410	328	PP	50	122	7.7	16,315	79.6	68.8	62.8	7.9	1.98
400	320	SB	56	133	7.7	16,315	79.5	68.6	62.6	7.6	1.89
365	292	PP	53	127	7.7	16,315	79.2	68.2	62.2	6.4	1.60

*Ambient measured with Caterpillar Extended Life Coolant



Approximate weight of enclosure package: 4984 kg (10,988 lb). Exact weight is dependent on options. Enclosure weight includes: sound attenuated enclosure, exhaust system, extended base and generator set. Caterpillar is pleased to offer these additional generator set enclosure colors: white and yellow.

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