



CAE – SOUND ATTENUATED WEATHERPROOF ENCLOSURE FOR GAS GENERATOR SETS

G12U3–G25G1
G10U3S–G25G1S

These weatherproof, sound attenuated, factory designed and installed enclosures are of rugged construction and sound attenuated down to extremely quiet levels. They incorporate internally mounted silencers for safety and aesthetic value. Modular design principles utilize many interchangeable components permitting on-site repair.

FEATURES

ROBUST/HIGHLY CORROSION RESISTANT CONSTRUCTION

- Black drop “T” latches on all doors
- Black zinc die cast hinges tested and proven to withstand extreme conditions of corrosion
- Zinc plated or stainless steel fasteners
- Body made from steel components treated with polyester powder coating

EXCELLENT ACCESS FOR MAINTENANCE

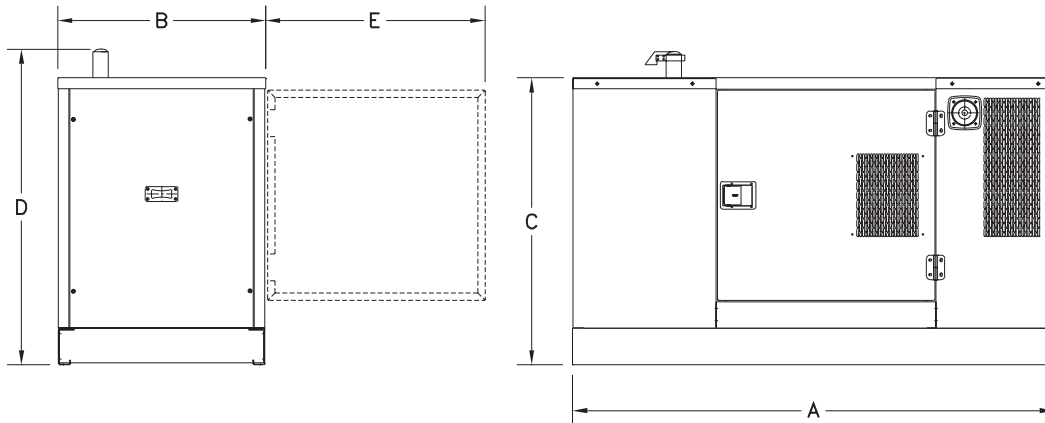
- Large cable entry area for installation ease
- Large doors located convenient to controls and interior service areas for easy access to control panel, circuit breaker and engine
- Vertically hinged doors allow full 180° opening rotation
- Lube oil and coolant drains piped to the baseframe terminated with capped male NPT fitting

SECURITY AND SAFETY

- Exhaust silencing system totally enclosed for operator safety
- Roof outlet exhaust with roof aperture and rain cap
- Lockable access doors
- Cooling fan and battery charging alternator fully guarded
- Emergency stop push button (red) mounted flush on exterior enclosure wall (optional)
- Stub-up cover for “rodent proofing”

TRANSPORTABILITY

- Lifting/drag points on baseframe



SOUND ATTENUATED WEATHERPROOF ENCLOSURES DIMENSIONS AND WEIGHTS

Generator Set Model	A in (mm)	B in (mm)	C in (mm)	D in (mm)	E in (mm)	Weight* lb (kg)
G12U3	77.6 (1970)	33.5 (850)	46.3 (1175)	50.9 (1292)	35.0 (890)	1179 (535)
G15U3	77.6 (1970)	33.5 (850)	46.3 (1175)	50.9 (1292)	35.0 (890)	1235 (567)
G20UH3	77.6 (1970)	33.5 (850)	46.3 (1175)	50.9 (1292)	35.0 (890)	1197 (543)
G20G1	77.6 (1970)	33.5 (850)	47.2 (1200)	50.9 (1292)	35.6 (905)	1543 (700)
G25G1	77.6 (1970)	33.5 (850)	47.2 (1200)	50.9 (1292)	35.6 (905)	1587 (720)
G25UH3	77.6 (1970)	31.7 (806)	46.3 (1175)	50.9 (1292)	35.0 (890)	1241 (563)
G10U3S	77.6 (1970)	33.5 (850)	46.3 (1175)	50.9 (1292)	35.0 (890)	1179 (535)
G15U3S	77.6 (1970)	33.5 (850)	46.3 (1175)	50.9 (1292)	35.0 (890)	1235 (560)
G17.5UH3S	77.6 (1970)	31.7 (806)	46.3 (1175)	50.9 (1292)	35.0 (890)	1197 (543)
G20G1S	77.6 (1970)	33.5 (850)	47.2 (1200)	50.9 (1292)	35.6 (905)	1543 (700)
G25G1S	77.6 (1970)	33.5 (850)	47.2 (1200)	50.9 (1292)	35.6 (905)	1587 (720)
G25UH3S	77.6 (1970)	31.7 (806)	46.3 (1175)	50.9 (1292)	35.0 (890)	1241 (563)

*Net weight with lube oil and coolant, quoted for largest model in range.

SOUND LEVELS

Generator Set Model	1800 rpm (60 Hz)					
	50 ft (15 m)		23 ft (7 m)		3 ft (1 m)	
	No Load (dBA)	Full Load (dBA)	No Load (dBA)	Full Load (dBA)	No Load (dBA)	Full Load (dBA)
G12U3, G10U3S	54.6	55.8	60.7	61.9	72.1	72.8
G15U3, G15U3S	54.6	55.9	60.7	62.0	72.1	72.8
G20UH3, G17.5UH3S	67.5	67.5	73.6	73.6	84.3	84.5
G25UH3, G25UH3S	67.5	67.4	73.6	73.5	84.3	84.5
G20G1, G20G1S	58.4	58.8	64.4	64.8	74.4	74.8
G25G1, G25G1S	58.4	59.1	64.4	65.1	74.4	75.1

The sound pressure level data shown is quoted as free field and is for guidance only. Actual levels produced may vary according to site conditions.

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