



Picture shown may not represent actual configuration

## Sound Attenuated Enclosures Level 1, Level 2 & Level 3

6.8 – 22 kVA Range

The compact design of the 6.8 – 22 kVA SA Level 1, Level 2 and Level 3 enclosures range provides the flexibility of optimum sound attenuation depending on requirements. Designed on modular principles, the enclosures will have lift off doors or vertically hinged doors providing optimal service and maintenance access.

The enclosures are constructed with galvanised steel, designed to resist corrosion and handling damage. Developed through continuing research and development by our specialist engineers, the enclosures are weather protective and incorporate internally mounted exhaust silencers.

All of the sound attenuated enclosures reduce sound levels to comply with the stage II levels of the European Community Directive 2000/14/EC, effective from 3 January 2006.

## Features

### Durable and Robust Construction

- Galvanised steel protected by powder coat paint
- Single piece roof structure
- Baseframe extends beyond enclosure protecting against handling damage
- Black finish stainless steel locks and hinges
- Zinc plated / stainless steel fasteners

### Excellent Service and Maintenance Access

- Optional side hinged doors on both sides of the enclosure
- Optional lift off only doors on both sides of the enclosure
- Coolant drain piped to baseframe, exterior to the enclosure

### Security and Safety

- Control panel viewing via large viewing window
- Emergency stop push button mounted on enclosure exterior
- Cooling fan and battery charging alternator fully guarded
- Exhaust silencing system totally enclosed for operator safety

### Transportability

- Drag points on baseframe facilitating handling from both sides

## Sound Pressure Levels (dBA) – SA Level 1

Generating Set Model	Duty	LWA	50 Hz						60 Hz					
			15 m		7 m		1 m		15 m		7 m		1 m	
			75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load
DE9.5E3	Prime		65	66	71	72	82	84	68	69	74	75	85	87
	Standby		65	67	71	73	82	85	68	70	74	76	85	87
DE13.5E3	Prime		65	67	71	73	83	84	70	71	76	77	86	88
	Standby		65	68	71	74	83	85	70	72	76	78	87	88
DE16.5E0	Prime		66	69	72	75	84	85	70	72	76	78	87	88
	Standby		67	70	73	76	84	86	71	73	77	79	88	88
DE18E3	Prime		64	66	70	72	80	82	67	69	73	75	84	85
	Standby		64	66	70	72	81	83	68	69	74	75	84	86
DE22E3	Prime		65	67	71	73	82	84	68	69	74	75	84	86
	Standby		66	69	72	75	82	86	68	70	74	76	85	87
DE7.5E3S	Prime		65	66	71	72	82	84	68	69	74	75	85	87
	Standby		65	67	71	73	82	85	68	70	74	76	85	87
DE11E3S	Prime		65	67	71	73	83	84	70	71	76	77	86	88
	Standby		66	68	72	74	83	85	70	72	76	78	87	88
DE12.5E0S	Prime		66	68	72	74	83	85	70	72	76	78	87	88
	Standby		66	69	72	75	84	85	71	72	77	78	87	88
DE14E3S	Prime		64	66	70	72	80	82	67	68	73	74	84	85
	Standby		64	66	70	72	81	83	68	69	74	75	84	86
DE16E3S	Prime		65	67	71	73	81	84	68	69	74	75	84	86
	Standby		65	68	71	74	82	85	68	70	74	76	85	87

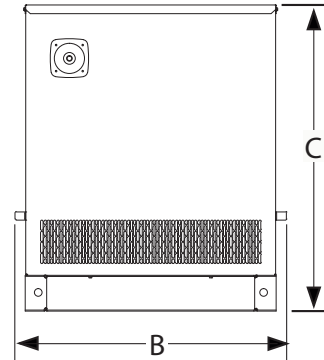
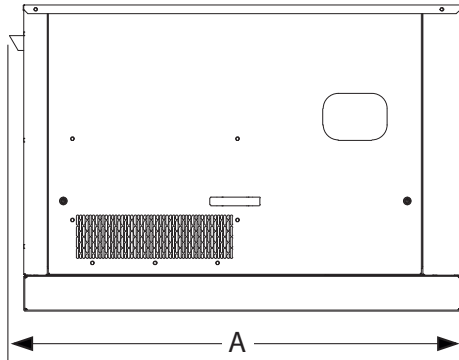
## Sound Pressure Levels (dBA) – SA Level 2

Generating Set Model	Duty	LWA	50 Hz						60 Hz					
			15 m		7 m		1 m		15 m		7 m		1 m	
			75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load
DE9.5E3	Prime		54	55	60	61	70	71	57	58	63	64	72	73
	Standby		55	56	61	62	70	72	57	58	63	64	72	74
DE13.5E3	Prime		55	56	61	62	71	72	58	59	64	65	73	73
	Standby		55	56	61	62	71	72	58	59	64	65	73	74
DE16.5E0	Prime		55	57	61	63	71	72	58	60	64	66	73	74
	Standby		56	58	62	64	72	73	59	60	65	66	73	75
DE18E3	Prime		57	58	63	64	74	74	60	61	66	67	76	76
	Standby		57	59	63	65	74	75	60	61	66	67	76	76
DE22E3	Prime		58	60	64	66	74	75	60	61	66	67	76	76
	Standby		58	61	64	67	74	76	61	61	67	67	76	76
DE7.5E3S	Prime		54	55	60	61	70	71	57	58	63	64	72	73
	Standby		55	56	61	62	70	72	57	58	63	64	72	74
DE11E3S	Prime		55	56	61	62	71	72	58	59	64	65	73	73
	Standby		55	57	61	63	71	72	58	59	64	65	73	74
DE12.5E0S	Prime		55	57	61	63	71	72	58	59	64	65	73	74
	Standby		56	58	62	64	71	73	58	60	64	66	73	75
DE14E3S	Prime		57	58	63	64	74	74	60	61	66	67	76	76
	Standby		57	59	63	65	74	75	60	61	66	67	76	76
DE16E3S	Prime		57	59	63	65	74	75	60	61	66	67	76	76
	Standby		58	60	64	66	74	76	61	61	67	67	76	76

### Sound Pressure Levels (dBA) – SA Level 3

Generating Set Model	Duty	LWA	50 Hz						60 Hz					
			15 m		7 m		1 m		15 m		7 m		1 m	
			75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load
DE9.5E3	Prime		51	52	57	58	70	71	52	53	58	59	68	72
	Standby		51	53	57	59	70	72	52	54	58	60	69	73
DE13.5E3	Prime		52	53	58	59	70	71	53	54	59	60	69	71
	Standby		52	53	58	59	70	72	53	54	59	60	69	72
DE16.5E0	Prime		52	54	58	60	71	72	53	55	59	61	70	72
	Standby		53	54	59	60	71	72	54	56	60	62	70	74
DE18E3	Prime		53	54	59	60	71	72	54	55	60	61	71	72
	Standby		53	54	59	60	71	73	54	55	60	61	71	73
DE22E3	Prime		54	55	60	61	72	73	54	55	60	61	71	73
	Standby		54	55	60	61	72	74	55	56	61	62	72	74
DE7.5E3S	Prime		51	52	57	58	70	71	52	53	58	59	68	72
	Standby		51	53	57	59	70	72	52	54	58	60	69	73
DE11E3S	Prime		52	53	58	59	70	71	53	54	59	60	69	71
	Standby		52	53	58	59	70	72	53	54	59	60	69	72
DE12.5E0S	Prime		52	53	58	59	71	72	53	54	59	60	69	72
	Standby		52	54	58	60	71	72	53	55	59	61	70	73
DE14E3S	Prime		53	54	59	60	71	72	54	55	60	61	71	72
	Standby		53	54	59	60	71	72	54	55	60	61	71	72
DE16E3S	Prime		53	54	59	60	71	73	54	55	60	61	71	73
	Standby		54	55	60	61	72	73	55	56	61	62	71	74

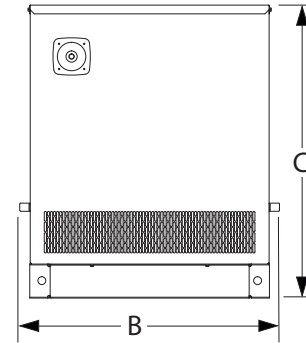
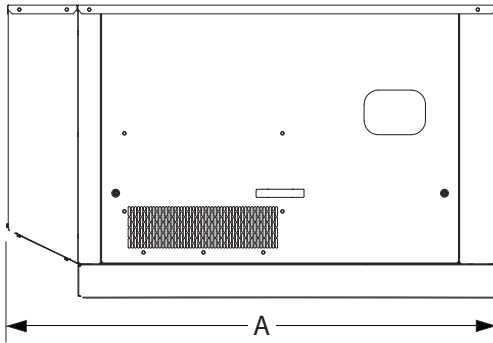
## Dimensions and Weights – SA Level 1



Generating Set Model	A: mm (in)	B: mm (in)	C: mm (in)	Weight: kg (lb)
DE9.5E3	1550 (61.0)	935 (36.8)	1055 (41.5)	340 (750)
DE13.5E3	1550 (61.0)	935 (36.8)	1055 (41.5)	417 (919)
DE16.5E0	1550 (61.0)	935 (36.8)	1055 (41.5)	444 (979)
DE18E3	1550 (61.0)	935 (36.8)	1055 (41.5)	481 (1060)
DE22E3	1550 (61.0)	935 (36.8)	1055 (41.5)	494 (1089)
DE7.5E3S	1550 (61.0)	935 (36.8)	1055 (41.5)	347 (766)
DE11E3S	1550 (61.0)	935 (36.8)	1055 (41.5)	424 (935)
DE12.5E0S	1550 (61.0)	935 (36.8)	1055 (41.5)	424 (935)
DE14E3S	1550 (61.0)	935 (36.8)	1055 (41.5)	486 (1071)
DE16E3S	1550 (61.0)	935 (36.8)	1055 (41.5)	494 (1089)

Net weight with lube oil, and coolant, no fuel. \*Clearance required both sides.

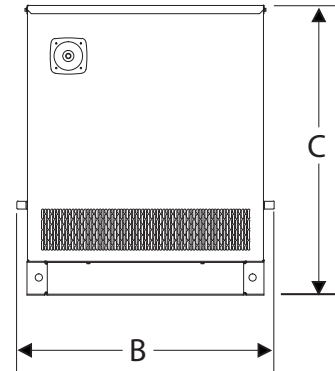
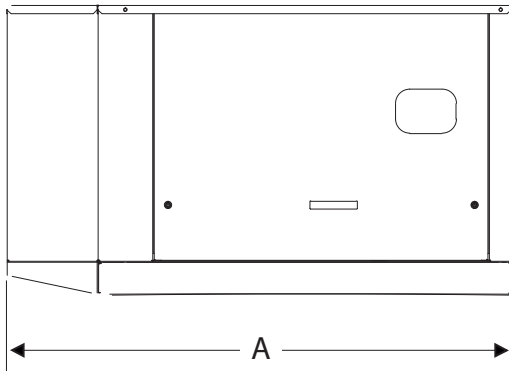
## Dimensions and Weights – SA Level 2



Generating Set Model	A: mm (in)	B: mm (in)	C: mm (in)	Weight: kg (lb)
DE9.5E3	1755 (69.1)	935 (36.8)	1055 (41.5)	391 (863)
DE13.5E3	1755 (69.1)	935 (36.8)	1055 (41.5)	468 (1032)
DE16.5E0	1755 (69.1)	935 (36.8)	1055 (41.5)	495 (1091)
DE18E3	1755 (69.1)	935 (36.8)	1055 (41.5)	532 (1173)
DE22E3	1755 (69.1)	935 (36.8)	1055 (41.5)	545 (1202)
DE7.5E3S	1755 (69.1)	935 (36.8)	1055 (41.5)	398 (878)
DE11E3S	1755 (69.1)	935 (36.8)	1055 (41.5)	475 (1047)
DE12.5E0S	1755 (69.1)	935 (36.8)	1055 (41.5)	475 (1047)
DE14E3S	1755 (69.1)	935 (36.8)	1055 (41.5)	537 (1184)
DE16E3S	1755 (69.1)	935 (36.8)	1055 (41.5)	545 (1202)

Net weight with lube oil, and coolant, no fuel. \*Clearance required both sides.

### Dimensions and Weights – SA Level 3



Generating Set Model	A: mm (in)	B: mm (in)	C: mm (in)	Weight: kg (lb)
DE9.5E3	1830 (72.0)	935 (36.8)	1055 (41.5)	401 (885)
DE13.5E3	1830 (72.0)	935 (36.8)	1055 (41.5)	478 (1054)
DE16.5E0	1830 (72.0)	935 (36.8)	1055 (41.5)	505 (1113)
DE18E3	1830 (72.0)	935 (36.8)	1055 (41.5)	542 (1195)
DE22E3	1830 (72.0)	935 (36.8)	1055 (41.5)	555 (1224)
DE7.5E3S	1830 (72.0)	935 (36.8)	1055 (41.5)	408 (900)
DE11E3S	1830 (72.0)	935 (36.8)	1055 (41.5)	485 (1069)
DE12.5E0S	1830 (72.0)	935 (36.8)	1055 (41.5)	485 (1069)
DE14E3S	1830 (72.0)	935 (36.8)	1055 (41.5)	547 (1206)
DE16E3S	1830 (72.0)	935 (36.8)	1055 (41.5)	555 (1224)

Net weight with lube oil, and coolant, no fuel. \*Clearance required both sides.

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