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# Modular Acoustic Enclosure

## S450-1 – S550-1 Scania Range

Developed through continuing research and development by our specialist engineers, all FG Wilson enclosures are fully weatherproof and incorporate internally mounted exhaust silencers. Designed on modular principles, they have interchangeable components permitting on-site repair.

### Durable and Robust Construction

- High grade steel protected by power coat paint
- Black finish stainless steel locks and hinges
- Zinc plated or stainless steel fasteners

### Excellent Access for Maintenance

- Large side hinged doors on both sides of enclosure providing optimal access
- Radiator fill access plate
- Lube oil and cooling water drains piped to exterior of the enclosure



Extremely durable and robust, the enclosures are designed to resist corrosion and handling damage with the ability to withstand rough handling common on many construction sites.

### Security and Safety

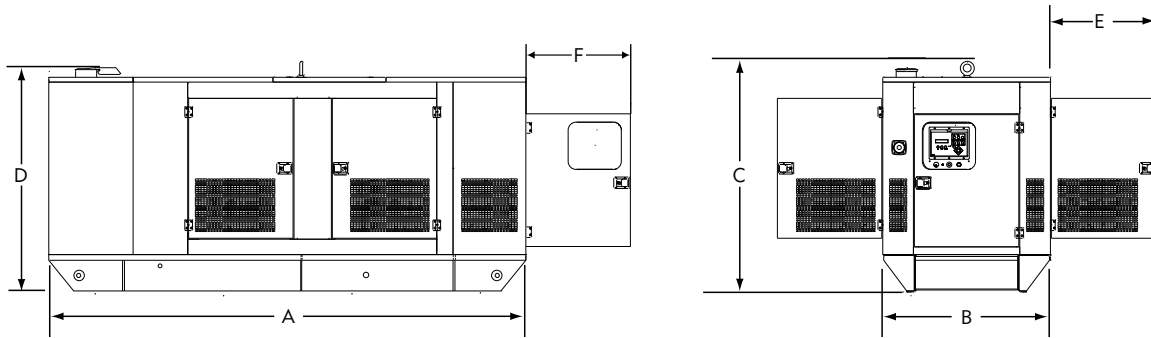
- Control panel viewing window in a lockable access door
- Emergency stop push button (red) mounted on enclosure exterior
- Cooling fan and battery charging alternator fully guarded
- Fuel fill and battery can only be reached via lockable access doors
- Exhaust silencing system totally enclosed for operator safety

### Transportability

- Optional tested and certified lifting arch
- Lifting points on baseframe

## Sound Pressure Levels (dBA) for 410 – 550 kVA CAE Enclosure

Generator Set Model		60 Hz							
		15m (50ft)		7m (23ft)		1.5m (4.5 ft)		1m (3ft)	
		75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load
S450-1	Prime	66.8	68.0	72.8	74.0	81.2	81.6	84.7	85.2
	Standby	67.1	68.5	73.1	74.5	81.3	81.9	84.8	85.4
S550-1	Prime	67.5	69.3	73.5	75.3	81.5	82.3	85.0	85.8
	Standby	68.0	70.1	74.0	76.1	81.7	82.7	85.2	86.3



## Dimensions and Weights

Generating Set Model	A:	B:	C:	D:	E*:	F*:	Weight:	Fuel Capacity
	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	kg (lb)	l (US gal)
S450-1	4560 (179.5)	1600 (63.0)	2198 (86.5)	2138 (84.2)	1000 (39.4)	1010 (39.8)	4325 (9535)	250 (66.0)
S550-1	4560 (179.5)	1600 (63.0)	2198 (86.5)	2138 (84.2)	1000 (39.4)	1010 (39.8)	4325 (9535)	250 (66.0)

Weight with lube oil and coolant, no fuel; \*Clearance required on both sides and at end.

### FG Wilson manufactures product in the following locations:

Northern Ireland • Brazil • China • India • USA

With headquarters in Northern Ireland, FG Wilson operates through a Global Dealer Network.

To contact your local Sales Office please visit the FG Wilson website at [www.FGWilson.com](http://www.FGWilson.com).

FG Wilson is a trading name of Caterpillar (NI) Limited.

In line with our policy of continuous product development, we reserve the right to change specification without notice.

Scania450-550Enclosure/0613/GB