

The FG Wilson weatherproof sound attenuated enclosures are a result of continuing research and development by our specialist acoustic engineers. Sound attenuation enclosures are available with this range. **These enclosures reduce sound levels to comply with the stage 2 levels of the European Community Directive 2000/14/EC which became effective 3 January 2006.**

The enclosures incorporate internally mounted exhaust silencers and are of extremely rugged construction in order to withstand the rough handling common on many construction sites. They are designed on modular principles with many interchangeable components permitting on-site repair.

Robust/Highly Corrosion Resistant Construction

- ▶ Stainless steel locks and hinges
- ▶ Zinc plated or stainless steel fasteners
- ▶ Body made from steel components treated with polyester powder coating

Excellent Access for Maintenance

- ▶ Full length extra wide doors on each side
- ▶ Radiator fill access plate
- ▶ Lube oil and cooling water drains piped to exterior of the enclosure

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

- ▶ Tested and certified single point lifting facility
- ▶ Lifting points on baseframe

Optional Features

- ▶ Oil field type skid with dragging points and fork lift truck pockets



27 - 165
kVA Range



Modular
Acoustic Enclosure

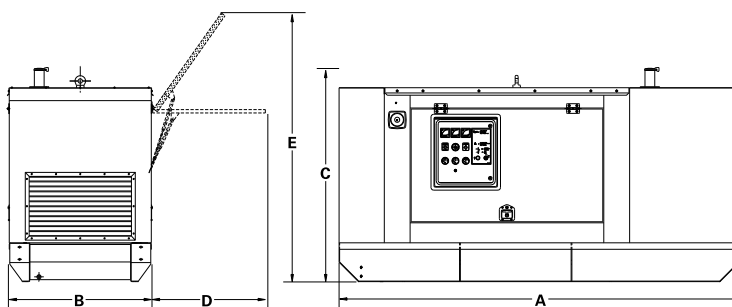


Sound Pressure Levels (dBA)

Generating Set Model	50 Hz						60 Hz					
	15 m (50 ft)		7 m (23 ft)		1 m (3 ft)		15 m (50 ft)		7 m (23 ft)		1 m (3 ft)	
	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load
P32P5S/P35E5S	61.8	62.7	67.8	68.7	78.4	79.4	65.6	67.2	71.6	73.2	81.5	82.9
P40P5/P44E5	61.9	62.8	67.9	68.8	78.4	79.4	65.6	67.2	71.6	73.2	81.5	82.9
P100P1/P110E1	63.5	65.3	69.5	71.3	80.9	82.4	65.3	68.1	71.3	74.1	82.4	85.0
P188E1	N/A	N/A	N/A	N/A	N/A	N/A	65.6	66.9	71.6	72.9	84.0	84.9

Levels in accordance with European Noise Directive (2000/14/EC)

Dimensions, Weights and Fuel Capacities - Sound Attenuated



Sound Attenuated Models

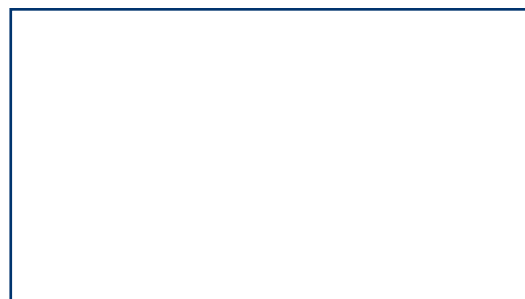
Generating Set Model	A: mm (in)	B: mm (in)	C: mm (in)	*D: mm (in)	E: mm (in)	Weight: kg (lb)	Fuel Capacity l (US gal)
P32P5S/P35E5S	2242 (88.3)	1100 (43.3)	1500 (59.1)	1640 (64.6)	2080 (81.9)	1373 (3027)	245 (65.0)
P40P5/P44E5	2242 (88.3)	1100 (43.3)	1500 (59.1)	1640 (64.6)	2080 (81.9)	1303 (2873)	245 (65.0)
P100P1/P110E1	2805 (110.4)	1100 (43.3)	1500 (59.1)	1610 (63.4)	2030 (79.9)	1560 (3439)	300 (79.0)
P188E1	3425 (134.8)	1100 (43.3)	1717 (67.6)	1805 (71.1)	2100 (82.7)	1975 (4354)	375 (99.0)

*Clearance required on both sides of set; Weight with lube oil, no coolant, no fuel.

‡ Side opening doors



From your local dealer



FG Wilson has manufacturing facilities 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

