



[www.FGWilson.com](http://www.FGWilson.com)



# Modular Acoustic Enclosure

## P26-1S – P200-2 Range

The intelligent and striking design of the 26 – 200 kVA enclosure range meets the demands of diverse applications. Extremely durable, the enclosures are designed to resist corrosion and handling damage.

All FG Wilson weatherproof sound attenuated enclosures are the result of continuing research and development by our specialist acoustic engineers. **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.**

### Durable and Robust Construction

- Manufactured from galvanised steel
- Advanced powder coating paint finish
- Single piece main roof
- Baseframe extends beyond enclosure protecting against handling damage
- Minimal external fixings exposed to environment
- Zinc plated fasteners
- Corner posts and air handling units manufactured from high grade composite material

### Excellent Service and Maintenance Access

- Side hinged doors on both sides of the enclosure incorporating lift-off hinges at 45 degrees
- Radiator fill via removable, flush mounted rain cap fitted with compression seal
- Lube oil cooling and water drains piped to baseframe side rail, on exterior
- Removable end panels allow access to radiator, exhaust outlet and alternator rear
- Doors positioned for optimum access to frequently serviced items

### Security and Safety

- Secure, lockable doors prevent unauthorised access to control panel, fuel fill and battery
- Emergency stop button mounted on exterior, convenient to control panel
- Cooling fan and battery charging alternator fully guarded

### Transportability

- Tested and certified single point lifting facility
- Lifting and drag points on baseframe facilitating handling from both sides

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## Sound Attenuated (SA) Sound Pressure Levels (dBA)

Generating Set Model		50 Hz							60 Hz					
		15m (50ft)			7m (23ft)		1m (3ft)		15m (50ft)		7m (23ft)		1m (3ft)	
		LWA	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load
<b>3 Phase Models</b>														
P33-1	Prime	92	59.7	61.7	65.7	67.7	75.7	78.1	59.8	61.9	65.8	67.9	76.8	79.0
	Standby	92	60.3	62.5	66.3	68.5	76.4	79.1	60.4	62.9	66.4	68.9	77.5	80.1
P33-4	Prime	96	59.9	62.6	65.9	68.6	76.1	79.5	–	–	–	–	–	–
	Standby	96	60.7	63.7	66.7	69.7	77.1	81.0	–	–	–	–	–	–
P44-1*	Prime	–	61.6	62.2	67.6	68.2	79.2	79.7	63.6	64.3	69.6	70.3	80.9	81.4
	Standby	–	61.8	62.4	67.8	68.4	79.4	80.0	63.9	64.6	69.9	70.6	81.1	81.6
P50-1	Prime	91	57.6	58.3	63.6	64.3	76.2	76.8	60.8	61.6	66.8	67.6	78.6	79.5
	Standby	91	57.8	58.7	63.8	64.7	76.4	77.0	61.1	62.1	67.1	68.1	78.9	80.0
P50-2	Prime	90	56.4	56.9	62.4	62.9	74.8	75.1	–	–	–	–	–	–
	Standby	90	56.6	57.1	62.6	63.1	74.9	75.1	–	–	–	–	–	–
P55-1	Prime	91	57.8	58.7	63.8	64.7	76.4	77.0	61.1	62.1	67.1	68.1	78.9	80.0
	Standby	91	58.1	59.0	64.1	65.0	76.6	77.3	61.4	62.5	67.4	68.5	79.3	80.5
P55-2	Prime	91	58.9	58.8	64.9	64.8	76.8	76.6	–	–	–	–	–	–
	Standby	91	58.9	58.8	64.9	64.8	76.8	76.6	–	–	–	–	–	–
P65-1	Prime	91	58.3	59.4	64.3	65.4	76.8	77.5	61.7	63.0	67.7	69.0	79.6	81.1
	Standby	91	58.6	59.7	64.6	65.7	77.0	77.7	62.1	63.5	68.1	69.5	80.0	81.6
P65-2	Prime	91	58.8	58.8	64.8	64.8	76.7	76.5	–	–	–	–	–	–
	Standby	91	58.8	58.7	64.8	64.7	76.7	76.4	–	–	–	–	–	–
P65-3	Prime	92	57.0	57.7	63.0	63.7	75.4	76.0	60.1	60.6	66.1	66.6	78.7	79.1
	Standby	92	57.2	58.0	63.2	64.0	75.5	76.2	60.3	60.8	66.3	66.8	78.8	79.2
P88-1	Prime	92	57.7	59.1	63.7	65.1	76.0	77.0	60.6	61.2	66.6	67.2	79.0	79.5
	Standby	92	58.1	59.8	64.1	65.8	76.2	77.4	60.8	61.5	66.8	67.5	79.2	79.6
P88-2	Prime	95	62.0	62.5	68.0	68.5	80.0	80.5	–	–	–	–	–	–
	Standby	95	62.1	62.8	68.1	68.8	80.2	80.7	–	–	–	–	–	–
P110-2	Prime	96	62.4	63.1	68.4	69.1	80.4	81.0	65.2	65.4	71.2	71.4	84.4	84.6
	Standby	96	62.6	63.5	68.6	69.5	80.6	81.3	65.2	65.5	71.2	71.5	84.5	84.7
P150-1	Prime	96	61.2	61.7	67.2	67.7	79.2	79.4	64.3	64.5	70.3	70.5	82.8	83.0
	Standby	96	61.4	61.8	67.4	67.8	79.3	79.4	64.4	64.6	70.4	70.6	82.9	83.1
P150-2	Prime	95	58.5	58.9	64.5	64.9	77.0	77.3	–	–	–	–	–	–
	Standby	95	58.6	59.1	64.6	65.1	77.1	77.5	–	–	–	–	–	–
P165-1	Prime	96	62.7	63.4	68.7	69.4	79.3	79.9	–	–	–	–	–	–
	Standby	96	62.9	63.7	68.9	69.7	79.5	80.2	–	–	–	–	–	–
P165-2	Prime	95	58.6	59.1	64.6	65.1	77.1	77.5	–	–	–	–	–	–
	Standby	95	58.8	59.4	64.8	65.4	77.2	77.7	–	–	–	–	–	–
P200-2	Prime	94	59.4	60.2	65.4	66.2	77.7	78.1	63.2	63.6	69.2	69.6	82.9	83.1
	Standby	94	59.6	60.5	65.6	66.5	77.8	78.3	63.3	63.8	69.3	69.8	83.0	83.2

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

\*Uncertified

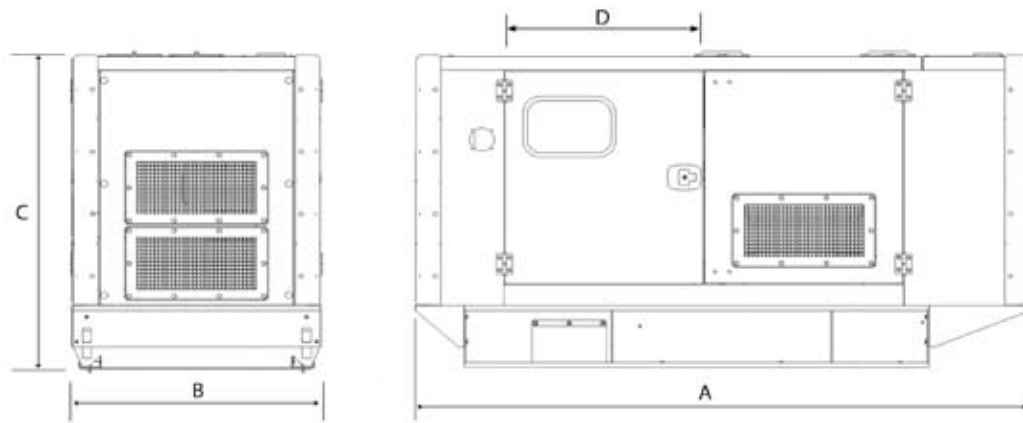
## Sound Attenuated (SA) Sound Pressure Levels (dBA)

Generating Set Model		50 Hz							60 Hz					
		LWA	15m (50ft)		7m (23ft)		1m (3ft)		15m (50ft)		7m (23ft)		1m (3ft)	
			75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load
<b>Single Phase Models</b>														
P26-1S	Prime	92	59.7	61.7	65.7	67.7	75.7	78.1	-	-	-	-	-	-
	Standby	92	60.2	62.3	66.2	68.3	76.3	78.9	-	-	-	-	-	-
P26-4S	Prime	96	59.9	62.6	65.9	68.6	76.1	79.5	-	-	-	-	-	-
	Standby	96	60.7	63.7	66.7	69.7	77.1	81.0	-	-	-	-	-	-
P35-1S	Prime	91	57.4	58.0	63.4	64.0	75.9	76.5	60.5	61.3	66.5	67.3	78.4	79.1
	Standby	91	57.5	58.2	63.5	64.2	76.1	76.7	60.8	61.6	66.8	67.6	78.6	79.5
P35-2S	Prime	90	56.3	56.7	62.3	62.7	74.6	74.9	-	-	-	-	-	-
	Standby	90	56.4	56.9	62.4	62.9	74.7	75.0	-	-	-	-	-	-
P35-3S*	Prime	-	61.6	62.2	67.6	68.2	79.2	79.7	63.6	64.3	69.6	70.3	80.9	81.4
	Standby	-	61.8	62.4	67.8	68.4	79.3	79.9	63.9	64.6	69.9	70.6	81.1	81.6
P50-1S	Prime	91	58.1	59.1	64.1	65.1	76.6	77.3	61.1	62.1	67.1	68.1	78.9	80.0
	Standby	91	58.5	59.5	64.5	65.5	76.9	77.6	61.4	62.5	67.4	68.5	79.3	80.5
P50-2S	Prime	91	58.9	58.8	64.9	64.8	76.8	76.5	-	-	-	-	-	-
	Standby	91	58.8	58.8	64.8	64.8	76.7	76.4	-	-	-	-	-	-
P50-3S	Prime	92	56.9	57.5	62.9	63.5	75.3	75.8	60.0	60.5	66.0	66.5	78.6	78.9
	Standby	92	57.1	57.9	63.1	63.9	75.5	76.1	60.1	60.6	66.1	66.6	78.7	79.1
P80-2S	Prime	96	62.2	62.8	68.2	68.8	80.2	80.8	65.1	65.3	71.1	71.3	84.4	84.6
	Standby	96	62.4	63.1	68.4	69.1	80.4	81.0	65.2	65.4	71.2	71.4	84.4	84.6

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

\*Uncertified

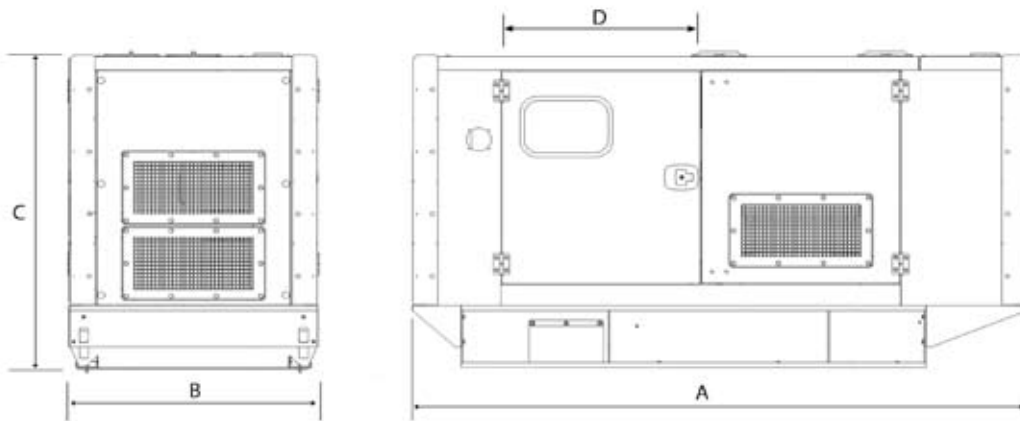
## Dimensions, Weights and Fuel Capacities



Generating Set Model	A: mm (in)	B: mm (in)	C: mm (in)	D*: mm (in)	Weight: kg (lb)	Fuel Capacity I (US gal)
<b>3 Phase Models</b>						
P33-1	2120 (83.5)	970 (38.2)	1525 (60.0)	718 (28.3)	991 (2185)	161 (43.0)
P33-4	2120 (83.5)	970 (38.2)	1525 (60.0)	718 (28.3)	991 (2185)	161 (43.0)
P44-1	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	1293 (2851)	219 (58.0)
P50-1	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	1250 (2756)	219 (58.0)
P50-2	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	1242 (2738)	219 (58.0)
P55-1	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	1250 (2756)	219 (58.0)
P55-2	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	1290 (2844)	219 (58.0)
P65-1	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	1300 (2866)	219 (58.0)
P65-2	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	1340 (2954)	219 (58.0)
P65-3	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	1378 (3038)	219 (58.0)
P88-1	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	1440 (3175)	219 (58.0)
P88-2	2770 (109.1)	1120 (44.1)	1525 (60.0)	896 (35.3)	1540 (3395)	250 (66.0)
P110-2	2770 (109.1)	1120 (44.1)	1525 (60.0)	896 (35.3)	1600 (3527)	250 (66.0)
P150-1	3520 (138.6)	1120 (44.1)	1815 (71.5)	1145 (45.1)	2025 (4464)	349 (92.0)
P150-2	3520 (138.6)	1120 (44.1)	1815 (71.5)	1145 (45.1)	2065 (4553)	349 (92.0)
P165-1	3520 (138.6)	1120 (44.1)	1815 (71.5)	1145 (45.1)	2080 (4586)	349 (92.0)
P165-2	3520 (138.6)	1120 (44.1)	1815 (71.5)	1145 (45.1)	2120 (4674)	349 (92.0)
P200-2	3520 (138.6)	1320 (52.0)	1815 (71.5)	1080 (42.5)	2238 (4935)	418 (110)

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

## Dimensions, Weights and Fuel Capacities

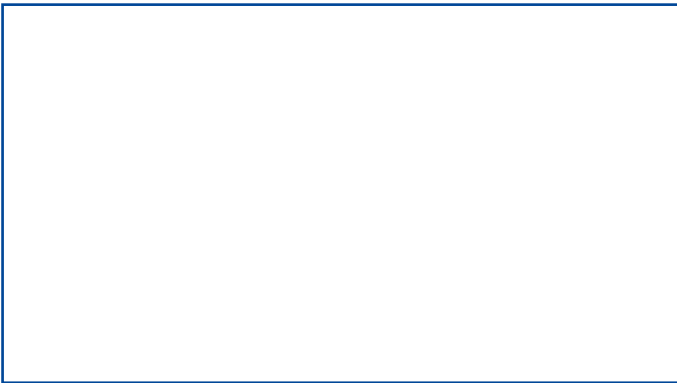


Generating Set Model	A: mm (in)	B: mm (in)	C: mm (in)	D*: mm (in)	Weight: kg (lb)	Fuel Capacity l (US gal)
<b>Single Phase Models</b>						
P26-1S	2120 (83.5)	970 (38.2)	1525 (60.0)	718 (28.3)	991 (2185)	161 (43.0)
P26-4S	2120 (83.5)	970 (38.2)	1525 (60.0)	718 (28.3)	991 (2185)	161 (43.0)
P35-1S	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	1340 (2954)	219 (58.0)
P35-2S	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	1292 (2848)	219 (58.0)
P35-3S	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	1343 (2961)	219 (58.0)
P50-1S	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	1340 (2954)	219 (58.0)
P50-2S	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	1380 (3042)	219 (58.0)
P50-3S	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	1418 (3126)	219 (58.0)
P80-2S	2770 (109.1)	1120 (44.1)	1525 (60.0)	896 (35.3)	1710 (3770)	250 (66.0)

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



### From your local Dealer



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

27-200kVAEnclosure/1211/GB