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

FG WILSON

P26-1S – P200-2 Range

Modular Acoustic Enclosure

Sound Attenuated (SA) Sound Pressure Levels (dBA)

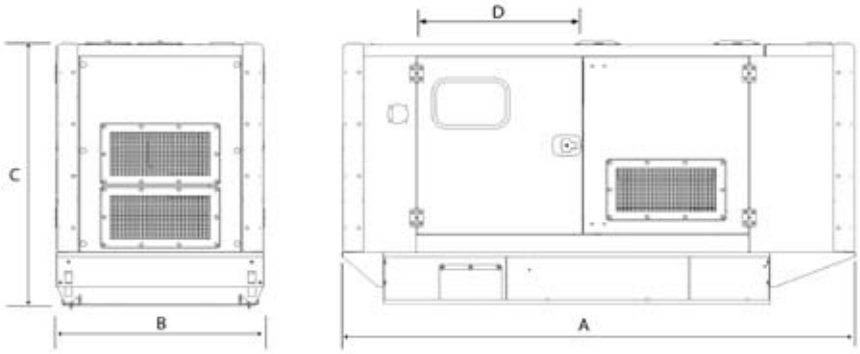
		50 Hz						60 Hz					
		15m (50ft)		7m (23ft)		1m (3ft)		15m (50ft)		7m (23ft)		1m (3ft)	
Generating Set Model		75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load
3 Phase Models													
P33-1	Prime	59.7	61.7	65.7	67.7	75.7	78.1	59.8	61.9	65.8	67.9	76.8	79.0
	Standby	60.3	62.5	66.3	68.5	76.4	79.1	60.4	62.9	66.4	68.9	77.5	80.1
P33-2	Prime	60.8	63.1	66.8	69.1	76.7	79.7	–	–	–	–	–	–
	Standby	61.5	64.1	67.5	70.1	77.6	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	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	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	56.4	56.9	62.4	62.9	74.8	75.1	–	–	–	–	–	–
	Standby	56.6	57.1	62.6	63.1	74.9	75.1	–	–	–	–	–	–
P55-1	Prime	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	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	58.9	58.8	64.9	64.8	76.8	76.6	–	–	–	–	–	–
	Standby	58.9	58.8	64.9	64.8	76.8	76.6	–	–	–	–	–	–
P65-1	Prime	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	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	58.8	58.8	64.8	64.8	76.7	76.5	–	–	–	–	–	–
	Standby	58.8	58.7	64.8	64.7	76.7	76.4	–	–	–	–	–	–
P65-3	Prime	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	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	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	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	62.0	62.5	68.0	68.5	80.0	80.5	–	–	–	–	–	–
	Standby	62.1	62.8	68.1	68.8	80.2	80.7	–	–	–	–	–	–
P110-2	Prime	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	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	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	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	58.5	58.9	64.5	64.9	77.0	77.3	–	–	–	–	–	–
	Standby	58.6	59.1	64.6	65.1	77.1	77.5	–	–	–	–	–	–
P165-1	Prime	62.7	63.4	68.7	69.4	79.3	79.9	–	–	–	–	–	–
	Standby	62.9	63.7	68.9	69.7	79.5	80.2	–	–	–	–	–	–
P165-2	Prime	58.6	59.1	64.6	65.1	77.1	77.5	–	–	–	–	–	–
	Standby	58.8	59.4	64.8	65.4	77.2	77.7	–	–	–	–	–	–
P200-2	Prime	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	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)

Sound Attenuated (SA) Sound Pressure Levels (dBA)													
		50 Hz						60 Hz					
		15m (50ft)		7m (23ft)		1m (3ft)		15m (50ft)		7m (23ft)		1m (3ft)	
Generating Set Model		75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load
Single Phase Models													
P26-1S	Prime	59.7	61.7	65.7	67.7	75.7	78.1	–	–	–	–	–	–
	Standby	60.2	62.3	66.2	68.3	76.3	78.9	–	–	–	–	–	–
P26-2S	Prime	60.8	63.1	66.8	69.1	76.7	79.7	–	–	–	–	–	–
	Standby	61.3	69.3	67.3	69.9	77.4	80.8	–	–	–	–	–	–
P35-1S	Prime	57.4	58.0	63.4	64.0	75.9	76.5	–	–	–	–	–	–
	Standby	57.5	58.2	63.5	64.2	76.1	76.7	–	–	–	–	–	–
P35-2S	Prime	56.3	56.7	62.3	62.7	74.6	74.9	–	–	–	–	–	–
	Standby	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	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	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	58.9	58.8	64.9	64.8	76.8	76.5	–	–	–	–	–	–
	Standby	58.8	58.8	64.8	64.8	76.7	76.4	–	–	–	–	–	–
P50-3S	Prime	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	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	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	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)

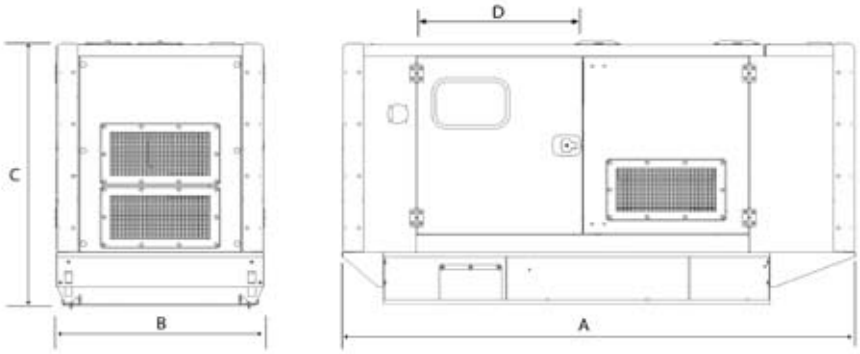
Dimensions, Weights and Fuel Capacities



Generating Set Model	A: mm (in)	B: mm (in)	C: mm (in)	D*: mm (in)	Weight: kg (lb)	Fuel Capacity l (US gal)
3 Phase Models						
P33-1	2120 (83.5)	970 (38.2)	1525 (60.0)	718 (28.3)	991 (2185)	161 (43.0)
P33-2	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)
Single Phase Models						
P26-1S	2120 (83.5)	970 (38.2)	1525 (60.0)	718 (28.3)	991 (2185)	161 (43.0)
P26-2S	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, no fuel.

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

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

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