

The FG Wilson fully weatherproof sound attenuated (SA) 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.

They provide the benefit of increased ease of installation and serviceability, all within a compact footprint.

#### Highly Corrosion Resistant Construction

- ▶ Black zinc die cast hinges tested and proven to withstand extremely corrosive conditions
- ▶ Zinc passivated and stainless steel fasteners
- ▶ Body made from sheet steel components with polyester powder coating at 200°C (392°F)

#### Excellent Access for Maintenance

- ▶ Vertically hinged side doors allowing 180° opening rotation
- ▶ Front and rear "lift-off" access panels
- ▶ Radiator fill access through cover in canopy roof
- ▶ Lube oil drain and radiator drain

#### Security and Safety

- ▶ Perspex control panel viewing window in a lockable access door
- ▶ Emergency stop button mounted on canopy exterior
- ▶ Cooling fan and battery charging alternator fully guarded
- ▶ Fuel fill and battery can only be reached via lockable access doors
- ▶ Exhaust silencing system enclosed for operator safety

#### Transportability

- ▶ Lifting points on baseframe



10 - 35 kVA  
High Ambient  
Range

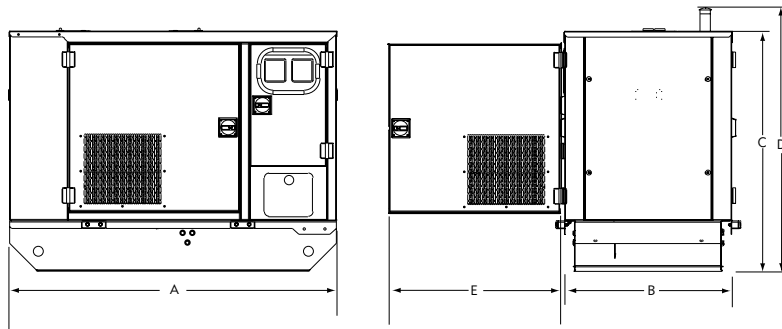


Modular  
Acoustic Enclosure



## Sound Pressure Levels (dBA)

			50Hz						60Hz						
			15m (50ft)		7m (23ft)		1m (3ft)		15m (50ft)		7m (23ft)		1m (3ft)		
Generating Set Model	RPM	LWA	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	RPM	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load
<b>3 Phase Models</b>															
P12.5P2	1500	87	54.3	56.6	60.3	62.6	71.3	73.4	1800	59.7	59.8	65.8	65.8	77.2	77.1
P13.5E2	1500	87	54.3	55.9	60.3	61.9	71.3	73.8	1800	59.7	59.8	65.8	65.8	77.2	77.1
P16.5P2	1500	88	57.4	57.4	63.4	63.4	83.6	81.7	1800	58.6	59.1	64.6	65.1	74.7	76.0
P18E2	1500	88	57.3	57.5	63.3	63.5	83.3	80.3	1800	58.8	59.3	64.8	65.3	75.0	76.6
P20P2	1500	88	57.3	57.7	63.3	63.7	82.7	78.0	1800	58.9	59.4	64.9	65.4	75.3	77.2
P22E2	1500	88	57.4	58.0	63.4	64.0	81.7	75.1	1800	59.1	59.6	65.1	65.6	75.8	78.1
PH22E2	3000	96	66.9	66.8	72.9	72.8	83.5	83.5	-	-	-	-	-	-	-
PH30E2	3000	98	58.8	60.6	64.8	66.6	74.5	76.6	-	-	-	-	-	-	-
PH35E2	3000	98	59.6	62.3	65.6	68.3	75.5	78.4	-	-	-	-	-	-	-
<b>Single Phase Models</b>															
P10P2S	1500	87	54.3	56.6	60.3	62.6	71.3	73.4	1800	59.7	59.8	65.8	65.8	77.2	77.1
P11E2S	1500	87	54.3	55.9	60.3	61.9	71.3	73.8	1800	59.7	59.8	65.8	65.8	77.2	77.1
P13P2S	1500	88	57.6	57.3	63.6	63.3	83.5	83.5	1800	58.3	58.8	64.3	64.8	74.2	75.1
P14E2S	1500	88	57.5	57.3	63.5	63.3	83.7	83.2	1800	58.4	58.9	64.4	64.9	74.4	75.4
P15P2S	1500	89	57.4	57.3	63.4	63.3	83.7	82.7	1800	58.6	59.1	64.6	65.1	74.6	75.8
P16.5E2S	1500	89	57.4	57.4	63.4	63.4	83.6	81.7	1800	58.7	59.3	64.7	65.3	74.9	76.4
PH17.5E2S	3000	96	66.9	66.8	72.9	72.8	83.5	83.5	-	-	-	-	-	-	-
PH24E2S	3000	98	58.0	59.1	64.0	65.1	73.7	74.9	-	-	-	-	-	-	-
PH28E2S	3000	98	58.5	60.1	64.5	66.1	74.2	75.9	-	-	-	-	-	-	-



## Dimensions and Weights

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)
<b>3 Phase Models</b>							
P12.5P2/P13.5E2	1684 (66.3)	860 (33.9)	1252 (49.3)	1385 (54.5)	880 (34.6)†	654 (1442)	45.0 (12.0)
P16.5P2/P18E2	1684 (66.3)	860 (33.9)	1252 (49.3)	1385 (54.5)	880 (34.6)†	715 (1576)	45.0 (12.0)
P20P2/P22E2	1684 (66.3)	860 (33.9)	1252 (49.3)	1385 (54.5)	880 (34.6)†	728 (1605)	45.0 (12.0)
PH22E2	1684 (66.3)	860 (33.9)	1252 (49.3)	1385 (54.5)	880 (34.6)†	632 (1393)	45.0 (12.0)
PH30E2	1684 (66.3)	860 (33.9)	1252 (49.3)	1385 (54.5)	880 (34.6)†	698 (1539)	45.0 (12.0)
PH35E2	1684 (66.3)	860 (33.9)	1252 (49.3)	1385 (54.5)	880 (34.6)†	720 (1587)	45.0 (12.0)
<b>Single Phase Models</b>							
P10P2S/P11E2S	1684 (66.3)	860 (33.9)	1252 (49.3)	1385 (54.5)	880 (34.6)†	654 (1442)	45.0 (12.0)
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PH28E2S	1684 (66.3)	860 (33.9)	1252 (49.3)	1385 (54.5)	880 (34.6)†	720 (1587)	45.0 (12.0)

Note: Net Weight with lube oil, no coolant, no fuel. †Clearance required both sides.



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

