

The FG Wilson weatherproof sound attenuated enclosures are a 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.**

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
- ▶ Doors top hung and supported by gas struts
- ▶ 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 Attenuated (SA) Sound Pressure Levels (dBA)**

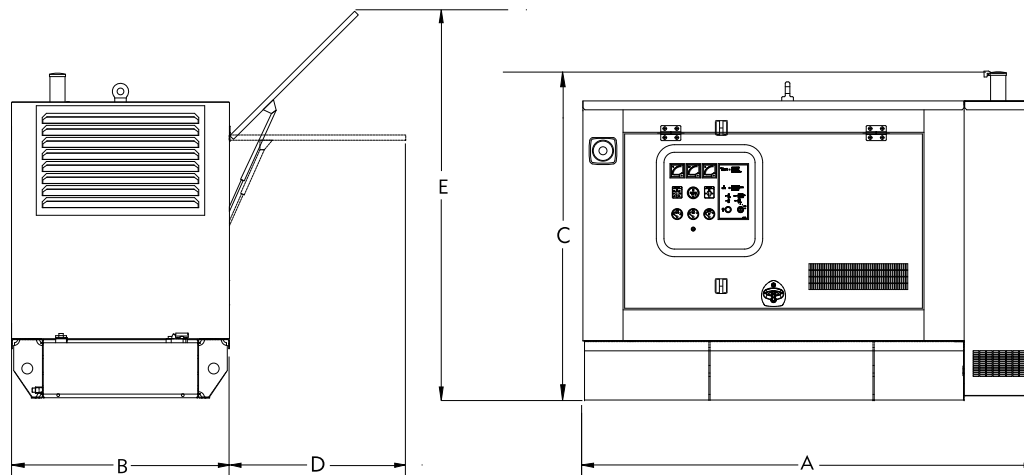
		50 Hz						60 Hz					
		15m (50ft)		7m (23ft)		1m (3ft)		15m (50ft)		7m (23ft)		1m (3ft)	
Generating Set Model	LWA	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load
<b>3 Phase Models</b>													
P27P1	95	61.4	62.2	67.4	68.2	78.7	79.6	63.1	63.9	69.1	69.9	80.3	81.3
P30E1	95	61.7	62.7	67.7	68.7	79.0	80.0	63.4	64.4	69.4	70.4	80.7	81.9
P30P1	95	61.7	62.7	67.7	68.7	79.0	80.0	63.4	64.3	69.4	70.3	80.6	81.9
P33E1	95	61.9	63.1	67.9	69.1	79.3	80.5	63.7	64.8	69.7	70.8	81.0	82.5
P40P3	96	63.7	63.6	69.7	69.6	79.8	79.7	66.1	66.3	72.1	72.3	81.9	82.1
P44E3	96	63.7	63.4	69.7	69.4	79.8	79.6	66.2	66.4	72.2	72.4	82.0	82.1
P45P3	96	63.7	63.4	69.7	69.4	79.8	79.6	66.2	66.4	72.2	72.4	82.0	82.1
P40P5	97	61.6	62.4	67.6	68.4	78.2	79.0	65.2	66.5	71.2	72.5	81.2	82.3
P44E5	97	61.9	62.8	67.9	68.8	78.4	79.4	65.6	67.2	71.6	73.2	81.5	82.9
P50E3	96	63.6	63.2	69.6	69.2	79.7	79.4	66.3	66.5	72.3	72.5	82.0	82.2
P50P1	96	63.9	64.6	69.9	70.6	80.9	81.5	66.9	67.3	72.9	73.3	83.5	83.9
P55E1	96	64.1	64.9	70.1	70.9	81.0	81.8	67.0	67.4	73.0	73.4	83.6	84.1
P60P3	96	64.3	65.2	70.3	71.2	81.2	82.1	67.1	67.6	73.1	73.6	83.8	84.3
P65E3	96	64.5	65.6	70.5	71.6	81.4	82.4	67.2	67.8	73.2	73.8	83.9	84.5
P60P5	96	63.0	63.4	69.0	69.4	79.4	80.0	66.0	66.8	72.0	72.8	82.1	83.1
P65E5	96	63.1	63.6	69.1	69.6	79.5	80.3	66.2	67.1	72.2	73.1	82.3	83.5
P80P1	96	63.4	64.5	69.4	70.5	80.0	81.4	66.7	68.2	72.7	74.2	83.0	84.8
P88E1	96	63.6	65.1	69.6	71.1	80.4	82.1	67.1	69.0	73.1	75.0	83.5	85.8
P90	97	62.6	63.2	68.6	69.2	80.3	80.9	65.5	67.0	72.0	73.0	82.0	84.0
P100E	97	62.8	63.5	68.8	69.5	80.5	81.1	65.5	67.0	72.0	73.0	82.0	84.0
P100	97	62.8	63.5	68.8	69.5	80.5	81.1	65.5	67.0	72.0	73.0	82.0	84.0
P110E	97	63.0	63.8	69.0	69.8	80.7	81.3	65.5	67.0	72.0	73.0	82.0	84.0
P100P1	97	63.1	64.6	69.1	70.6	80.6	81.8	64.8	66.8	70.8	72.8	81.9	83.9
P110E1	97	63.5	65.3	69.5	71.3	80.9	82.4	65.3	68.1	71.3	74.1	82.4	85.0
P135	96	62.6	63.1	68.6	69.1	80.0	80.1	66.6	67.1	72.6	73.1	84.2	84.7
P150E	96	62.8	63.3	68.8	69.3	80.1	80.0	66.7	67.2	72.7	73.2	84.3	84.9
P150P1	96	62.8	63.5	68.8	69.5	79.8	80.6	-	-	-	-	-	-
P165E1	96	63.1	63.8	69.1	69.8	80.0	80.9	-	-	-	-	-	-

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	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
Single Phase Models													
P24P1S	95	61.7	62.7	67.7	68.7	79.0	80.0	63.4	64.3	69.4	70.3	80.6	81.9
P26E1S	95	61.9	63.1	67.9	69.1	79.3	80.4	63.7	64.8	69.7	70.8	81.0	82.5
P32P3S	96	63.7	63.6	69.7	69.6	79.8	79.7	66.1	66.3	72.1	72.3	81.9	82.1
P35E3S	96	63.7	63.4	69.7	69.4	79.8	79.6	66.2	66.4	72.2	72.4	82.0	82.1
P32P5S	97	61.6	62.4	67.6	68.4	78.2	79.0	65.2	66.5	71.2	72.5	81.2	82.3
P35E5S	97	61.8	62.7	67.8	68.7	78.4	79.4	65.6	67.2	71.6	73.2	81.5	82.9
P40P1S	96	63.9	64.6	69.9	70.6	80.9	81.5	66.9	67.3	72.9	73.3	83.5	83.9
P44E1S	96	64.1	64.9	70.1	70.9	81.0	81.8	67.0	67.4	73.0	73.4	83.6	84.1
P45P3S	96	63.9	64.6	69.9	70.6	80.9	81.5	66.9	67.3	72.9	73.3	83.5	83.9
P50E3S	96	64.4	65.4	70.4	71.4	81.3	82.2	67.2	67.7	73.2	73.7	83.8	84.4
P45P5S	96	63.0	63.3	69.0	69.3	79.3	79.8	65.8	66.4	71.8	72.4	81.9	82.7
P50E5S	96	63.0	63.5	69.0	69.5	79.5	80.1	66.0	66.8	72.0	72.8	82.2	83.2
P58P1S	96	63.2	64.0	69.2	70.0	79.7	80.8	66.4	67.5	72.4	73.5	82.6	84.0
P64E1S	96	63.4	64.5	69.4	70.5	80.0	81.4	66.7	68.2	72.7	74.2	83.0	84.8
P72SP1	97	62.6	63.2	68.6	69.2	80.3	80.9	65.5	67.0	72.0	73.0	82.0	84.0
P80ESP1	97	62.8	63.5	68.8	69.5	80.5	81.1	65.5	67.0	72.0	73.0	82.0	84.0
P80SP1	97	63.5	64.9	65.6	70.9	71.6	82.2	82.9	67.0	72.0	73.0	82.0	84.0
P88ESP1	97	63.5	64.9	65.6	70.9	71.6	82.2	82.9	67.0	72.0	73.0	82.0	84.0
P96SP1	96	62.4	62.9	68.4	68.9	80.0	80.1	66.2	66.7	72.2	72.7	83.9	84.3
P105ESP1	96	62.6	63.1	68.6	69.1	80.0	80.1	66.4	66.8	72.4	72.8	84.0	84.4

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

## Dimensions, Weights and Fuel Capacities



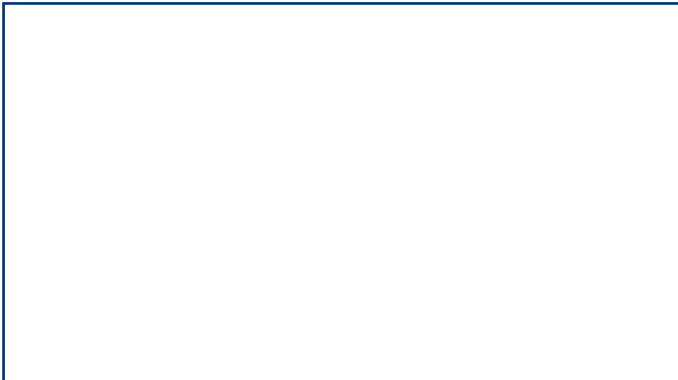
Generating Set Model	A: mm (in)	B: mm (in)	C: mm (in)	*D: mm (in)	E: mm (in)	Weight: kg (lb)	Fuel Capacity l (US gal)
<b>3 Phase Models</b>							
P27P1/P30E1	2090 (82.3)	950 (37.4)	1558 (61.3)	880 (34.6)	2010 (79.1)	1104 (2434)	230 (61)
P30P1/P33E1	2090 (82.3)	950 (37.4)	1558 (61.3)	880 (34.6)	2010 (79.1)	1114 (2456)	230 (61)
P40P3/P44E3	2290 (90.2)	1100 (43.3)	1640 (64.6)	880 (34.6)	2080 (81.9)	1245 (2745)	245 (65)
P40P5/P44E5	2290 (90.2)	1100 (43.3)	1558 (61.3)	880 (34.6)	2080 (81.9)	1303 (2873)	245 (65)
P45P3/P50E3	2290 (90.2)	1100 (43.3)	1640 (64.6)	880 (34.6)	2080 (81.9)	1245 (2745)	245 (65)
P50P1/P55E1	2290 (90.2)	1100 (43.3)	1640 (64.6)	880 (34.6)	2080 (81.9)	1265 (2789)	245 (65)
P60P3/P65E3	2290 (90.2)	1100 (43.3)	1640 (64.6)	880 (34.6)	2080 (81.9)	1315 (2899)	245 (65)
P60P5/P65E5	2290 (90.2)	1100 (43.3)	1640 (64.6)	880 (34.6)	2080 (81.9)	1373 (3027)	245 (65)
P80P1/P88E1	2290 (90.2)	1100 (43.3)	1640 (64.6)	880 (34.6)	2080 (81.9)	1435 (3164)	245 (65)
P90/P100E	2805 (110.4)	1100 (43.3)	1610 (63.4)	885 (34.8)	2030 (79.9)	1694 (3735)	300 (79)
P100/P110E	2805 (110.4)	1100 (43.3)	1610 (63.4)	885 (34.8)	2030 (79.9)	1714 (3779)	300 (79)
P100P1/P110E1	2805 (110.4)	1100 (43.3)	1610 (63.4)	895 (35.2)	2030 (79.9)	1560 (3439)	300 (79)
P135/P150E	3425 (134.8)	1100 (43.3)	1590 (62.6)	885 (34.8)	2099 (82.6)	1970 (4343)	375 (99)
P150P1/P165E1	3425 (134.8)	1100 (43.3)	1790 (70.5)	885 (34.8)	2099 (82.6)	1975 (4354)	375 (99)
<b>Single Phase Models</b>							
P24P1S/P26E1S	2090 (82.3)	950 (37.4)	1558 (61.3)	880 (34.6)	2010 (79.1)	1114 (2456)	230 (61)
P32P3S/P35E3S	2090 (82.3)	1100 (43.3)	1640 (64.6)	880 (34.6)	2080 (81.9)	1315 (2899)	245 (65)
P32P5S/P35E5S	2242 (88.3)	1100 (43.3)	1640 (64.6)	880 (34.6)	2080 (81.9)	1373 (3027)	245 (65)
P40P1S/P44E1S	2242 (88.3)	1100 (43.3)	1640 (64.6)	880 (34.6)	2080 (81.9)	1315 (2899)	245 (65)
P45P3S/P50E3S	2242 (88.3)	1100 (43.3)	1640 (64.6)	880 (34.6)	2080 (81.9)	1355 (2987)	245 (65)
P45P5S/P50E5S	2242 (88.3)	1100 (43.3)	1640 (64.6)	880 (34.6)	2080 (81.9)	1400 (3086)	245 (65)
P58P1S/P64E1S	2242 (88.3)	1100 (43.3)	1640 (64.6)	880 (34.6)	2080 (81.9)	1478 (3258)	245 (65)
P72SP1/P80ESP1	2805 (110.4)	1100 (43.3)	1610 (63.4)	885 (34.8)	2030 (79.9)	1839 (4054)	300 (79)
P80SP1/P88ESP1	3900 (153.5)	1300 (51.2)	1996 (78.6)	950 (37.4)	N/A <sup>‡</sup>	2907 (6409)	550 (145)
P96SP1/P105ESP1	3900 (153.5)	1300 (51.2)	1996 (78.6)	950 (37.4)	N/A <sup>‡</sup>	2907 (6409)	550 (145)

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

<sup>‡</sup> 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](http://www.FGWilson.com)

