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Modular Acoustic Enclosure

550 – 750 kVA Range

The FG Wilson sound attenuated enclosures for the range of Perkins powered P550P5 to P750E5 generating sets are a result of continuing research and development by our specialist acoustic engineers.

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

Robust/Highly Corrosion Resistant Construction

- Black finish 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

- Two large doors on each side
- Radiator fill access cover
- Lube oil and cooling water drains piped to exterior of the enclosure

Transportability

- Lifting points on baseframe

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

Optional Features

- Oil field type skid with dragging points

FG Wilson has manufacturing facilities in the following locations:

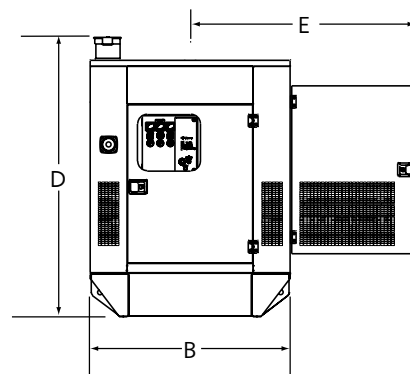
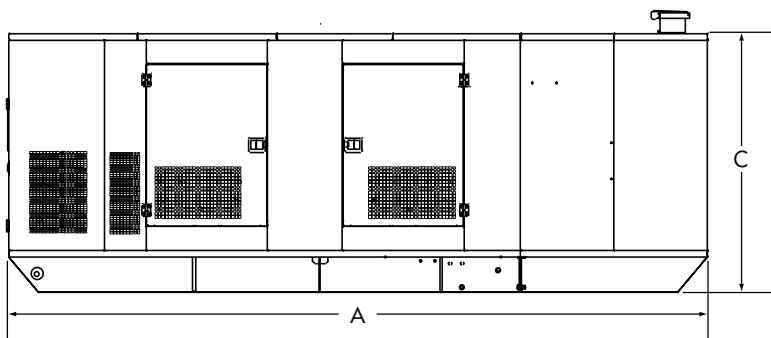
Northern Ireland • Brazil • China • India • USA

With headquarters in Northern Ireland, FG Wilson operates through a Global Dealer Network.

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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
P550P2	63.9	65.0	69.9	71.0	79.5	81.0	-	-	-	-	-	-
P605E2	64.2	65.6	70.2	71.6	79.9	81.7	-	-	-	-	-	-
P550P5	70.0	70.5	76.0	76.5	83.6	84.3	-	-	-	-	-	-
P605E5	70.2	70.5	76.2	76.5	83.9	84.5	-	-	-	-	-	-
P600P5	70.2	70.5	76.2	76.5	83.8	84.4	-	-	-	-	-	-
P591P2	64.2	65.5	70.2	71.5	79.8	81.6	-	-	-	-	-	-
P650E2	64.6	66.1	70.6	72.1	80.3	82.4	-	-	-	-	-	-
P660E5	70.3	70.5	76.3	76.5	84.1	84.6	-	-	-	-	-	-
P635P5	70.3	70.5	76.3	76.5	84.0	84.5	-	-	-	-	-	-
P700E5	70.4	70.4	76.4	76.4	84.2	84.7	-	-	-	-	-	-
P675P5	-	-	-	-	-	-	69.0	70.0	75.0	76.0	84.2	85.2
P750E5	-	-	-	-	-	-	69.3	70.6	75.3	76.6	84.5	85.7



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 Tank Capacity litres (US gal)
P550P2	5880 (231)	1930 (76.0)	2200 (87.4)	2400 (94.5)	1973 (77.7)	6266 (13814)	1350 (357)
P605E2	5880 (231)	1930 (76.0)	2200 (87.4)	2400 (94.5)	1973 (77.7)	6266 (13814)	1350 (357)
P550P5	5880 (231)	1930 (76.0)	2200 (87.4)	2400 (94.5)	1973 (77.7)	6266 (13814)	1350 (357)
P605E5	5880 (231)	1930 (76.0)	2200 (87.4)	2400 (94.5)	1973 (77.7)	6266 (13814)	1350 (357)
P591P2	5880 (231)	1930 (76.0)	2200 (87.4)	2400 (94.5)	1973 (77.7)	6330 (13955)	1350 (357)
P650E2	5880 (231)	1930 (76.0)	2200 (87.4)	2400 (94.5)	1973 (77.7)	6330 (13955)	1350 (357)
P600P5	5880 (231)	1930 (76.0)	2200 (87.4)	2400 (94.5)	1973 (77.7)	6330 (13955)	1350 (357)
P660E5	5880 (231)	1930 (76.0)	2200 (87.4)	2400 (94.5)	1973 (77.7)	6330 (13955)	1350 (357)
P635P5	5880 (231)	1930 (76.0)	2200 (87.4)	2400 (94.5)	1973 (77.7)	6430 (14176)	1350 (357)
P700E5	5880 (231)	1930 (76.0)	2200 (87.4)	2400 (94.5)	1973 (77.7)	6430 (14176)	1350 (357)
P675P5	5880 (231)	1930 (76.0)	2200 (87.4)	2400 (94.5)	1973 (77.7)	6535 (14176)	1350 (357)
P750E5	5880 (231)	1930 (76.0)	2200 (87.4)	2400 (94.5)	1973 (77.7)	6535 (14176)	1350 (357)

Weight with lube oil, coolant, no fuel.

* Clearance required on both sides

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