

The sound attenuated enclosures for the range of Perkins powered P300P1 to P450E1 generating sets are a result of continuing research and development by our specialist acoustic engineers. These enclosures reduce sound levels to comply with the new European Community regulations 2000/14/EC which became effective on 1 January 2002.

The fully weatherproof 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

- ▶ 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 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

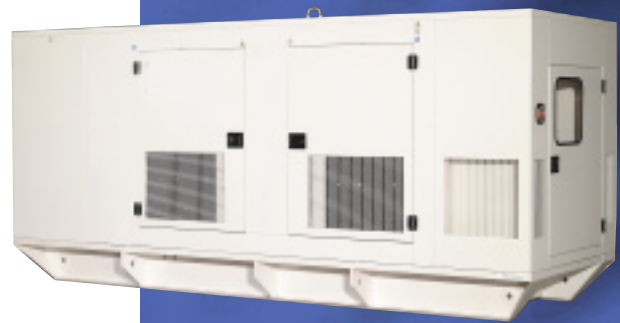
Transportability

- ▶ 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

300 - 450 kVA
Range

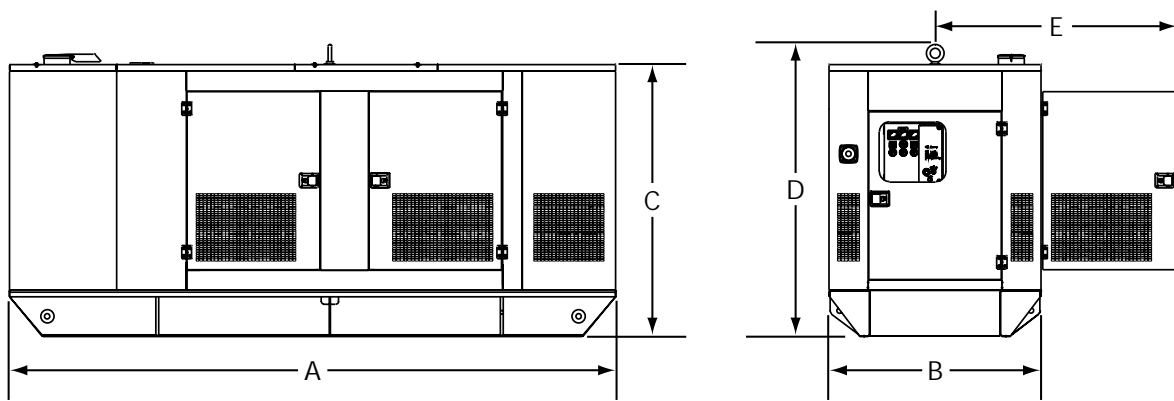


Modular
Acoustic Enclosure



Sound Pressure Levels (dBA)													
Generating Set Model	LWA	50 Hz						60 Hz					
		15 m (50 ft)		7 m (23 ft)		1 m (3 ft)		15 m (50 ft)		7 m (23 ft)		1 m (3 ft)	
		75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load
P300P1	TBA	63.4	63.4	69.4	69.4	78.9	78.9	66.2	66.2	72.2	72.2	83.2	83.2
P330E1	TBA	63.4	63.4	69.4	69.4	78.9	78.9	66.2	66.2	72.2	72.2	83.2	83.2
P350E1	TBA	63.4	63.4	69.4	69.4	78.9	78.9	66.2	67.8	72.2	73.8	83.2	84.4
P350P1	TBA	63.4	63.4	69.4	69.4	78.9	78.9	66.2	67.8	72.2	73.8	83.2	84.4
P380E1	TBA	63.4	64.7	69.4	70.7	78.9	79.7	66.2	67.8	72.2	73.8	83.2	84.4
P400E1	TBA	63.4	64.7	69.4	70.7	78.9	79.7	66.2	67.8	72.2	73.8	83.2	84.4
P400P1	TBA	63.4	64.7	69.4	70.7	78.9	79.7	66.2	67.8	72.2	73.8	83.2	84.4
P440E1	TBA	63.4	65.7	69.4	71.7	78.9	81.5	66.2	68.3	72.2	74.3	83.2	83.4
P450E1	TBA	63.4	65.7	69.4	71.7	78.9	81.5	66.2	68.3	72.2	74.3	83.2	83.4

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



Dimensions and Weights						
Generating Set Model	A: mm (in)	B: mm (in)	C: mm (in)	D: mm (in)	E: mm (in)*	Weight: kgs (lb)
P300P1/P330E1	4560 (179.5)	1600 (63.0)	2050 (80.7)	2200 (86.6)	1810 (71.3)	4675 (10308)
P350E1	4560 (179.5)	1600 (63.0)	2050 (80.7)	2200 (86.6)	1810 (71.3)	4600 (10143)
P350P1/P380E1	4560 (179.5)	1600 (63.0)	2050 (80.7)	2200 (86.6)	1810 (71.3)	4600 (10143)
P400E1	4560 (179.5)	1600 (63.0)	2050 (80.7)	2200 (86.6)	1810 (71.3)	4740 (10452)
P400P1/P440E1	4560 (179.5)	1600 (63.0)	2050 (80.7)	2200 (86.6)	1810 (71.3)	4740 (10452)
P450E1	4560 (179.5)	1600 (63.0)	2050 (80.7)	2200 (86.6)	1810 (71.3)	4890 (10782)

Weight with lube oil, no coolant, no fuel.

* Clearance required on both sides

