

The **Marapco** 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 galvanized steel\*

#### 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.

\* Except on P180P2/P200E2



## P27P1 - P200E2 Generating Set Range



27-165 Kva



P180P2/P200E2

YOUR PARTNER IN POWER

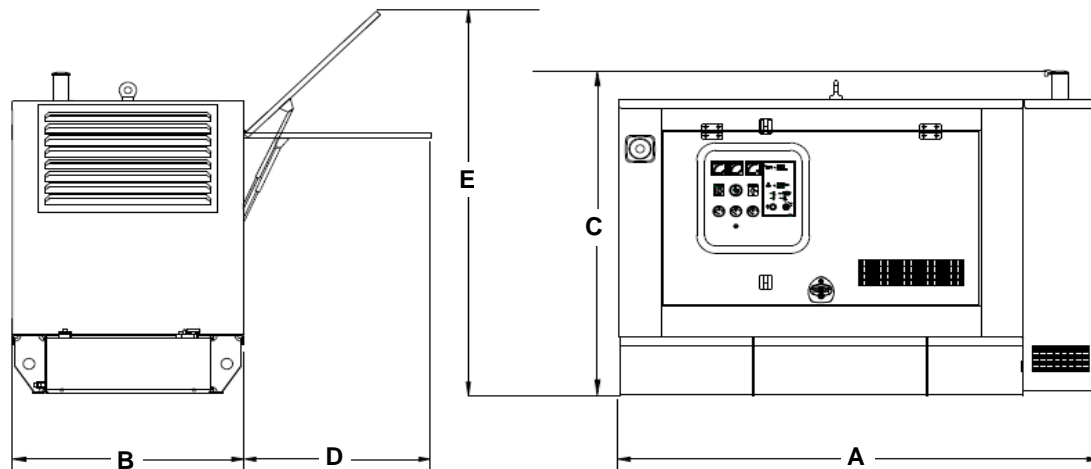
**Modular  
Acoustic Enclosure**



## Sound Pressure Levels (dBA)

Generating Set Model	50 Hz at 1500 RPM						50 Hz at 1500 RPM						
	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	
P27P1	61.4	62.2	67.4	68.2	78.7	79.6	P65E3	64.5	65.6	70.5	71.6	81.4	82.4
P30E1	61.7	62.7	67.7	68.7	79.0	80.0	P80P1	63.4	64.5	69.4	70.5	80.0	81.4
P30P1	61.7	62.7	67.7	68.7	79.0	80.0	P88E1	63.6	65.1	69.6	71.1	80.4	82.1
P33E1	61.9	63.1	67.9	69.1	79.3	80.5	P100P2	63.0	63.7	69.0	69.7	80.0	80.7
P40P3	63.7	63.6	69.7	69.6	79.8	79.7	P110E2	63.2	64.1	69.2	70.1	80.2	81.0
P44E3	63.7	63.4	69.7	69.4	79.8	79.6	P135	62.6	63.1	68.6	69.1	80.0	80.1
P45P3	63.7	63.4	69.7	69.4	79.8	79.6	P150E	62.8	63.3	68.8	69.3	80.1	80.0
P50E3	63.6	63.2	69.6	69.2	79.7	79.4	P150P1	62.8	63.5	68.8	69.5	79.8	80.6
P50P1	63.9	64.6	69.9	70.6	80.9	81.5	P165E1	63.1	63.8	69.1	69.8	80.0	80.9
P55E1	64.1	64.9	70.1	70.9	81.0	81.8	P180P2	60.3	61.1	66.3	67.1	78.0	78.9
P60P3	64.3	65.2	70.3	71.2	81.2	82.1	P200E2	60.6	61.5	66.6	67.5	78.3	79.4

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



## Dimensions and Weights

Generating Set Model (3phase)	A mm (in)	B mm (in)	C mm (in)	D* mm (in)	E mm (in)	Weight Kgs (lb)	Fuel Capacity l (US gal)
P27P1/P30E1	2097 (82.6)	950 (37.4)	1565 (61.6)	885 (34.8)	2010 (79.1)	1104 (2434)	230 (61)
P30P1/P33E1	2097 (82.6)	950 (37.4)	1565 (61.6)	885 (34.8)	2010 (79.1)	1114 (2456)	230 (61)
P40P3/P44E3	2275 (89.6)	1100 (43.3)	1614 (63.5)	885 (34.8)	2080 (81.9)	1245 (2745)	245 (65)
P45P3/P50E3	2275 (89.6)	1100 (43.3)	1614 (63.5)	885 (34.8)	2080 (81.9)	1245 (2745)	245 (65)
P50P1/P55E1	2275 (89.6)	1100 (43.3)	1614 (63.5)	885 (34.8)	2080 (81.9)	1265 (2789)	245 (65)
P60P3/P65E3	2275 (89.6)	1100 (43.3)	1614 (63.5)	885 (34.8)	2080 (81.9)	1315 (2899)	245 (65)
P80P1/P88E1	2275 (89.6)	1100 (43.3)	1614 (63.5)	885 (34.8)	2080 (81.9)	1435 (3164)	245 (65)
P100P2/P110E2	2805 (110.4)	1100 (43.3)	1635 (64.4)	885 (34.8)	2030 (79.9)	1560 (3439)	300 (79.0)
P135/P150E	3525 (138.8)	1100 (43.3)	1636 (64.4)	885 (34.8)	2058 (81.0)	1970 (4343)	375 (99)
P150P1/P165E1	3532 (139.1)	1100 (43.3)	1828 (72.0)	885 (34.8)	2100 (82.7)	1975 (4354)	375 (99)
P180P2/P200E2	3894 (153.3)	1300 (51.2)	1875 (73.8)	1996 (78.6)	1050 (41.3)	2704 (5961)	491 (130)

Note: Net Weight with lube oil, no coolant, no fuel.

\* Clearance required both sides.

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N. Ireland - UK



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

Made in UK