

'C' Series

P 2 7 - P I I O E



The Gentec C Series weatherproof sound attenuated enclosures are a result of continuing research and development by our specialist acoustic engineers. Two levels of sound attenuation are available: the standard Sound Attenuated (SA) enclosure and the Super Sound Attenuated (SSA) version. **These enclosures reduce sound levels to comply with the new European Community regulations 2000/14/EC which became effective on 1 January 2002.**

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 pre-treated with zinc phosphate prior to 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

C Series Sound Attenuated Enclosure (SA)



Sound Pressure Levels (dBA)

		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)	
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
P27	94	62.5	63.0	68.0	68.0	79.0	79.0	64.5	65.0	70.0	70.0	81.0	81.0
P30E	94	62.5	63.0	68.0	68.0	79.0	79.0	64.5	65.0	70.0	70.0	81.0	81.0
P40PI	98	64.0	64.0	70.0	70.0	81.0	81.5	67.0	68.0	73.0	74.0	84.0	85.0
P44EI	98	64.0	64.5	70.0	70.5	81.5	82.0	68.0	68.0	74.0	74.0	85.0	85.0
P45PI	98	64.0	64.5	70.0	70.5	81.5	82.0	68.0	68.5	74.0	74.0	85.0	85.0
P50EI	98	64.0	64.5	70.0	70.5	81.5	82.0	68.0	68.5	74.0	75.0	85.0	85.0
P60PI	96	62.5	63.0	68.5	69.0	78.5	79.5	65.0	65.0	71.0	71.5	82.0	82.0
P65EI	96	62.5	63.0	68.5	69.0	78.5	79.5	65.0	65.0	71.0	71.0	82.0	82.0
P75PI	96	63.0	64.0	69.0	70.0	79.5	80.0	65.0	66.0	71.0	72.0	82.0	83.0
P83EI	96	63.0	64.0	69.0	70.0	79.5	80.5	65.0	67.0	71.0	73.0	82.0	83.0
P90	98	63.5	65.0	70.0	71.0	80.0	82.0	65.5	67.0	72.0	73.0	82.0	84.0
PI00E	98	63.5	65.0	70.0	71.0	80.0	82.0	65.5	67.0	72.0	73.0	82.0	84.0
PI00	98	63.5	65.0	70.0	71.0	80.0	82.0	65.5	67.0	72.0	73.0	82.0	84.0
PI10E	98	63.5	65.0	70.0	71.0	80.0	82.0	65.5	67.0	72.0	73.0	82.0	84.0
PI8SPI	94	62.5	63.0	68.0	68.0	79.0	79.0	64.5	65.0	70.0	70.0	81.0	81.0
P20ESPI	94	62.5	63.0	68.0	68.0	79.0	79.0	64.5	65.0	70.0	70.0	81.0	81.0
P21SPI	94	62.5	63.0	68.0	68.0	79.0	79.0	64.5	65.0	70.0	70.0	81.0	81.0
P23ESPI	94	62.5	63.0	68.0	68.0	79.0	79.0	64.5	65.0	70.0	70.0	81.0	81.0
P27PIS	98	64.0	64.5	70.0	70.5	81.5	82.0	68.0	68.0	74.0	74.0	85.0	85.0
P30EIS	98	64.0	64.5	70.0	70.5	81.5	82.0	68.0	68.0	74.0	74.0	85.0	85.0
P32PIS	98	64.0	64.0	70.0	70.0	81.0	81.5	67.0	68.0	73.0	74.0	84.0	85.0
P35EIS	98	64.0	64.0	70.0	70.0	81.0	81.5	67.0	68.0	73.0	74.0	84.0	85.0
P36PIS	98	64.0	64.5	70.0	70.5	81.5	82.0	68.0	68.5	74.0	74.0	85.0	85.0
P40EIS	98	64.0	64.5	70.0	70.5	81.5	82.0	68.0	68.5	74.0	75.0	85.0	85.0
P45PIS	96	62.5	63.0	68.5	69.0	78.5	79.5	65.0	65.0	71.0	71.5	82.0	82.0
P50EIS	96	62.5	63.0	68.5	69.0	78.5	79.5	65.0	65.0	71.0	71.0	82.0	82.0
P56PIS	96	62.5	63.0	68.5	69.0	78.5	79.5	65.0	65.0	71.0	71.0	82.0	82.0
P62EIS	96	62.5	63.0	68.5	69.0	78.5	79.5	65.0	65.0	71.0	71.0	82.0	82.0
P72SPI	98	63.5	65.0	70.0	71.0	80.0	82.0	65.5	67.0	72.0	73.0	82.0	84.0
P80ESPI	98	63.5	65.0	70.0	71.0	80.0	82.0	65.5	67.0	72.0	73.0	82.0	84.0
P80SPI	98	63.5	65.0	70.0	71.0	80.0	82.0	65.5	67.0	72.0	73.0	82.0	84.0

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

C Series Super Sound Attenuated Enclosure (SSA)



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
P27	90	55.5	56.0	62.0	62.0	72.0	72.0	57.5	58.0	64.0	64.0	74.0	74.0
P30E	90	55.5	56.0	62.0	62.0	72.0	72.0	57.5	58.0	64.0	64.0	74.0	74.0
P40PI	92	61.0	61.0	67.0	67.0	75.0	75.0	63.0	63.0	69.0	69.0	78.0	78.0
P44EI	92	61.0	61.0	67.0	67.0	75.0	75.0	63.0	63.5	69.0	69.5	78.0	78.0
P45PI	92	61.0	61.0	66.5	67.0	75.0	75.0	63.0	63.5	69.0	70.0	78.0	78.5
P50EI	92	61.0	61.0	67.0	67.0	75.0	76.0	63.0	64.0	69.0	70.0	78.0	78.5
P60PI	92	58.5	59.0	64.5	65.0	73.0	73.5	60.0	61.0	66.0	67.0	75.0	76.0
P65EI	92	59.0	59.0	65.0	65.0	73.5	73.5	60.0	61.0	66.0	67.0	75.0	76.0
P75PI	92	59.0	60.0	65.0	65.0	73.5	73.5	61.0	62.0	67.0	68.0	76.0	77.0
P83EI	92	59.0	61.0	65.0	67.0	73.5	76.0	61.0	61.0	67.0	68.0	76.0	77.0
P90	95	59.5	62.0	66.0	68.0	75.0	77.0	61.5	64.0	68.0	70.0	77.0	79.0
PI00E	95	59.5	62.0	66.0	68.0	75.0	77.0	61.5	64.0	68.0	70.0	77.0	79.0
PI00	95	59.5	62.0	66.0	68.0	75.0	77.0	61.5	64.0	68.0	70.0	77.0	79.0
PI10E	95	59.5	62.0	66.0	68.0	75.0	77.0	61.5	64.0	68.0	70.0	77.0	79.0
PI8SPI	90	55.5	56.0	62.0	62.0	72.0	72.0	57.5	58.0	64.0	64.0	74.0	74.0
P20ESPI	90	55.5	56.0	62.0	62.0	72.0	72.0	57.5	58.0	64.0	64.0	74.0	74.0
P21SPI	90	55.0	56.0	62.0	62.0	72.0	72.0	57.5	58.0	64.0	64.0	74.0	74.0
P23ESPI	90	55.0	56.0	62.0	62.0	72.0	72.0	57.5	58.0	64.0	64.0	74.0	74.0
P27PIS	92	61.0	61.0	66.5	67.0	75.0	75.0	63.0	63.5	69.0	70.0	78.0	78.5
P30EIS	92	61.0	61.0	66.5	67.0	75.0	75.0	63.0	63.5	69.0	70.0	78.0	78.5
P32PIS	92	61.0	61.0	67.0	67.0	75.0	75.0	63.0	63.0	69.0	69.0	78.0	78.0
P35EIS	92	61.0	61.0	67.0	67.0	75.0	75.0	63.0	63.0	69.0	69.0	78.0	78.0
P36PIS	92	61.0	61.0	67.0	67.0	75.0	75.0	63.0	63.5	66.0	69.5	78.0	78.0
P40EIS	92	61.0	61.0	67.0	67.0	75.0	75.0	63.0	63.5	66.0	69.5	78.0	78.0
P45PIS	92	58.5	59.0	64.5	65.0	73.0	73.5	61.0	61.0	66.0	67.0	75.0	76.0
P50EIS	90	58.5	59.0	64.5	65.0	73.0	73.5	61.0	61.0	66.0	67.0	75.0	76.0
P56PIS	92	59.0	59.0	65.0	65.0	73.5	73.5	61.0	61.0	68.0	67.0	75.0	76.0
P62EIS	92	59.0	59.0	65.0	65.0	73.5	73.5	61.0	61.0	68.0	67.0	75.0	76.0
P72SPI	95	59.5	62.0	66.0	68.0	75.0	77.0	61.5	64.0	68.0	70.0	77.0	79.0
P80ESPI	95	59.5	62.0	66.0	68.0	75.0	77.0	61.5	64.0	68.0	70.0	77.0	79.0
P80SPI	95	59.5	62.0	66.0	68.0	75.0	77.0	61.5	64.0	68.0	70.0	77.0	79.0

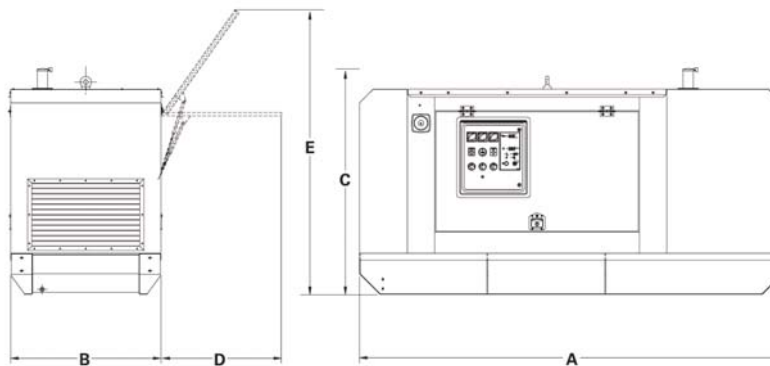
Levels in accordance with European Noise Directive (2000/14/EC)

Dimensions and Weights - Sound Attenuated Models

Generating Set Model	A: mm (in)	B: mm (in)	C: mm (in)	*D: mm (in)	E: mm (in)	Weight: kgs (lb)
P27/P30E	2090 (82.3)	954 (37.6)	1558 (61.3)	883 (34.8)	2010 (79.1)	983 (2168)
P40PI/P44EI	2250 (88.6)	1104 (43.5)	1646 (64.8)	885 (34.8)	2080 (81.9)	1252 (2761)
P45PI/P50EI	2250 (88.6)	1104 (43.5)	1646 (64.8)	885 (34.8)	2080 (81.9)	1252 (2761)
P60PI/P65EI	2250 (88.6)	1104 (43.5)	1646 (64.8)	885 (34.8)	2080 (81.9)	1347 (2970)
P75PI/P83EI	2250 (88.6)	1104 (43.5)	1646 (64.8)	885 (34.8)	2080 (81.9)	1387 (3058)
P90/P100E	2805 (110.4)	1104 (43.5)	1610 (63.4)	885 (34.8)	2030 (79.9)	1666 (3674)
P100E/P110E	2805 (110.4)	1104 (43.5)	1610 (63.4)	885 (34.8)	2030 (79.9)	168 (3718)
P18SPI/P20ESPI	2090 (82.3)	954 (37.6)	1558 (61.3)	883 (34.8)	2010 (79.1)	987 (2176)
P21SPI/P23ESPI	2090 (82.3)	954 (37.6)	1558 (61.3)	883 (34.8)	2010 (79.1)	1048 (2311)
P27EIS/P30EIS	2250 (88.6)	1104 (43.5)	1646 (64.8)	885 (34.8)	2080 (81.9)	1252 (2761)
P32PIS/P35EIS	2250 (88.6)	1104 (43.5)	1646 (64.8)	885 (34.8)	2080 (81.9)	1292 (2849)
P36PIS/P40EIS	2250 (88.6)	1104 (43.5)	1646 (64.8)	885 (34.8)	2080 (81.9)	1362 (3003)
P45PIS/P50EIS	2250 (88.6)	1104 (43.5)	1646 (64.8)	885 (34.8)	2080 (81.9)	1387 (3058)
P56PIS/P62EIS	2250 (88.6)	1104 (43.5)	1646 (64.8)	885 (34.8)	2080 (81.9)	1437 (3169)
P72SPI/P80ESPI	2805 (110.4)	1104 (43.5)	1610 (63.4)	885 (34.8)	2030 (79.9)	1811 (3993)
P80SP	2805 (110.4)	1104 (43.5)	1610 (63.4)	885 (34.8)	2030 (79.9)	1886 (4159)

Weight with lube oil, no coolant, no fuel.

* Clearance required on both sides of set



Dimensions and Weights - Super Sound Attenuated Models

Generating Set Model	A: mm (in)	B: mm (in)	C: mm (in)	*D: mm (in)	E: mm (in)	Weight: kgs (lb)
P27/P30E	2850 (112.2)	954 (37.6)	1555 (61.2)	883 (34.8)	2010 (79.1)	1039 (2291)
P40PI/P44EI	3100 (122.0)	1104 (43.5)	1595 (62.8)	885 (34.8)	2080 (81.9)	1450 (3197)
P45PI/P50EI	3100 (122.0)	1104 (43.5)	1595 (62.8)	885 (34.8)	2080 (81.9)	1450 (3197)
P60PI/P65EI	3100 (122.0)	1104 (43.5)	1595 (62.8)	885 (34.8)	2080 (81.9)	1575 (3473)
P75PI/P83EI	3100 (122.0)	1104 (43.5)	1595 (62.8)	885 (34.8)	2080 (81.9)	1585 (3495)
P90/P100E	3857 (151.9)	1104 (43.5)	1610 (63.4)	885 (34.8)	2060 (81.1)	1912 (4216)
P100/P110E	3857 (151.9)	1104 (43.5)	1610 (63.4)	885 (34.8)	2060 (81.1)	1952 (4304)
P18SPI/P20ESPI	2850 (112.2)	954 (37.6)	1555 (61.2)	883 (34.8)	2010 (79.1)	1049 (2313)
P21SPI/P23ESPI	2850 (112.2)	954 (37.6)	1555 (61.2)	883 (34.8)	2010 (79.1)	1104 (2434)
P27PIS/P30EIS	3100 (122.0)	1104 (43.5)	1595 (62.8)	885 (34.8)	2080 (81.9)	1450 (3197)
P32PIS/P35EIS	3100 (122.0)	1104 (43.5)	1595 (62.8)	885 (34.8)	2080 (81.9)	1520 (3352)
P36PIS/P40EIS	3100 (122.0)	1104 (43.5)	1595 (62.8)	885 (34.8)	2080 (81.9)	1560 (3440)
P45PIS/P50EIS	3100 (122.0)	1104 (43.5)	1595 (62.8)	885 (34.8)	2080 (81.9)	1585 (3495)
P56PIS/P62EIS	3100 (122.0)	1104 (43.5)	1595 (62.8)	885 (34.8)	2080 (81.9)	1635 (3605)
P72SPI/P80ESPI	3857 (151.9)	1104 (43.5)	1610 (63.4)	885 (34.8)	2060 (81.1)	2057 (4536)
P80SPI	3857 (151.9)	1104 (43.5)	1610 (63.4)	885 (34.8)	2060 (81.1)	2152 (4745)

Weight with lube oil, no coolant, no fuel.

* Clearance required on both sides of set