

*Exclusively from your Caterpillar® dealer*

## SOUND ATTENUATED ENCLOSURES

**200-275 kVA, 50 Hz**

**169-250 kVA, 60 Hz**



The fully weatherproof Sound Attenuated enclosures reduce sound levels to a level that is lower than European Community regulations.

The enclosures incorporate internally mounted exhaust silencers and are of extremely rugged construction to withstand the rough handling common on many construction sites. They are designed on modular principles with many interchangeable components permitting on-site repair.

Enclosure pictured may include optional accessories

### FEATURES

#### 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

- 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 button 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 FEATURE

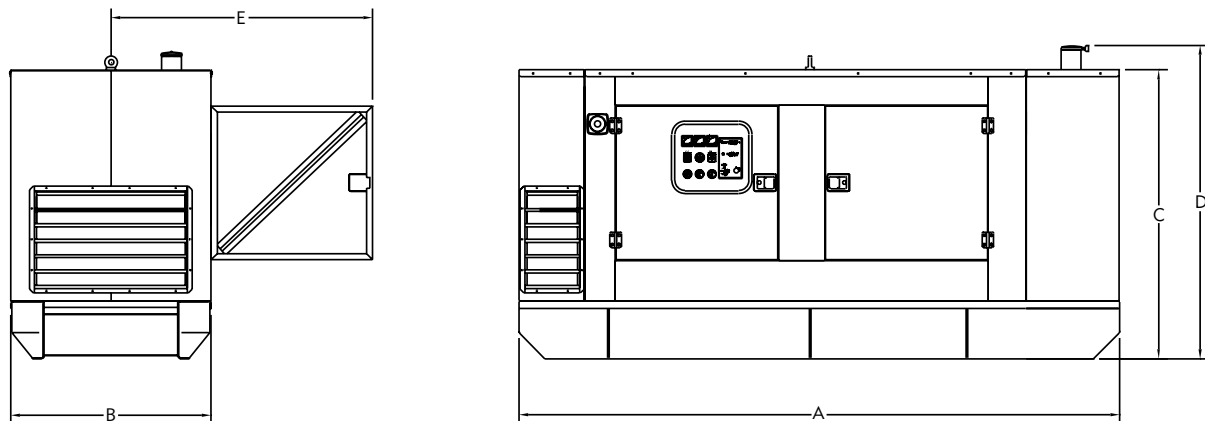
- Oil field type skid with dragging points and fork lift truck pockets

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## SOUND PRESSURE LEVELS (dBA)

| Generator Set Model | Duty    | Sound Power Level (LWA) | 50 Hz at 1500 rpm |           |          |           |          |           | 60 Hz at 1800 rpm |           |          |           |          |           |
|---------------------|---------|-------------------------|-------------------|-----------|----------|-----------|----------|-----------|-------------------|-----------|----------|-----------|----------|-----------|
|                     |         |                         | 15 m              |           | 7 m      |           | 1 m      |           | 15 m              |           | 7 m      |           | 1 m      |           |
|                     |         |                         | 75% Load          | 100% Load | 75% Load | 100% Load | 75% Load | 100% Load | 75% Load          | 100% Load | 75% Load | 100% Load | 75% Load | 100% Load |
| GEH175              | Prime   | 98                      | N/A               | N/A       | N/A      | N/A       | N/A      | N/A       | 67.0              | 68.0      | 73.0     | 73.0      | 83.0     | 83.0      |
|                     | Standby | 98                      | N/A               | N/A       | N/A      | N/A       | N/A      | N/A       | 67.0              | 68.0      | 73.0     | 73.0      | 83.0     | 84.0      |
| GEH188              | Prime   | N/A                     | N/A               | N/A       | N/A      | N/A       | N/A      | N/A       | N/A               | N/A       | N/A      | N/A       | N/A      | N/A       |
|                     | Standby | 98                      | N/A               | N/A       | N/A      | N/A       | N/A      | N/A       | 68.0              | 69.0      | 73.0     | 74.0      | 83.0     | 83.0      |
| GEH220              | Prime   | 97                      | 54.6              | 55.0      | 60.6     | 61.0      | 75.8     | 75.9      | 68.0              | 69.0      | 73.0     | 74.0      | 83.0     | 83.0      |
|                     | Standby | 97                      | 54.7              | 55.2      | 60.7     | 61.2      | 75.8     | 76.0      | 68.0              | 69.0      | 73.0     | 75.0      | 83.0     | 84.0      |
| GEH250              | Prime   | 97                      | 54.7              | 55.4      | 60.7     | 61.4      | 75.8     | 76.0      | 68.0              | 69.0      | 73.0     | 74.0      | 83.0     | 83.0      |
|                     | Standby | 97                      | 54.9              | 55.6      | 60.9     | 61.6      | 75.8     | 76.2      | 68.0              | 69.0      | 73.0     | 75.0      | 83.0     | 84.0      |
| GEH275              | Prime   | 97                      | 54.7              | 55.7      | 60.6     | 61.7      | 75.6     | 76.0      | N/A               | N/A       | N/A      | N/A       | N/A      | N/A       |
|                     | Standby | 97                      | 54.9              | 63.3      | 60.9     | 62.3      | 75.7     | 76.2      | N/A               | N/A       | N/A      | N/A       | N/A      | N/A       |

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



## DIMENSIONS AND WEIGHTS

| Generator Set Model | A: mm (in)   | B: mm (in)  | C: mm (in)  | D: mm (in)  | *E: mm (in) | Fuel Capacity: l (US gal) | Weight: kgs (lb) |
|---------------------|--------------|-------------|-------------|-------------|-------------|---------------------------|------------------|
| GEH175              | 3894 (153.3) | 1300 (51.2) | 1875 (73.8) | 1996 (78.6) | 1700 (66.9) | 550 (145)                 | 2797 (6166)      |
| GEH188              | 3894 (153.3) | 1300 (51.2) | 1875 (73.8) | 1996 (78.6) | 1700 (66.9) | 550 (145)                 | 2869 (6325)      |
| GEH220              | 3894 (153.3) | 1300 (51.2) | 1875 (73.8) | 1996 (78.6) | 1700 (66.9) | 550 (145)                 | 2944 (6490)      |
| GEH250              | 3894 (153.3) | 1300 (51.2) | 1875 (73.8) | 1996 (78.6) | 1700 (66.9) | 550 (145)                 | 3029 (6678)      |
| GEH275              | 3894 (153.3) | 1300 (51.2) | 1875 (73.8) | 1996 (78.6) | 1700 (66.9) | 550 (145)                 | 3094 (6821)      |

\*Clearance required both sides  
Weight with lube oil, no coolant, no fuel.