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Modular Acoustic Enclosures

275 – 330 kVA Range

The innovative and functional design of the 275 – 330 kVA range enclosures ensures performance in the harshest of environments. Extremely durable and robust, these enclosures are designed to resist corrosion and handling damage with the ability to withstand rough handling common on many construction sites.

The CAE enclosure is designed for operation in regions where compliance with EU noise legislation does not apply. Alternatively, the CAEU enclosure reduces sound levels to comply with the stage 2 levels of the European Community

Robust/Highly Corrosion Resistant Construction

- Galvanised steel construction further protected by polyester powder coat paint
- Reinforced lap roof joints protecting against water ingress
- Black finish stainless steel locks and hinges
- Zinc plated / stainless steel fasteners
- Corner posts manufactured from high grade composite material

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



Directive 2000/14/EC which became effective 3 January 2006.

Developed through continuing research and development by our specialist engineers, all FG Wilson enclosures are fully weatherproof incorporating internally mounted exhaust silencers. Designed on modular principles, they have interchangeable components permitting on site repair.

Excellent Service and Maintenance Access

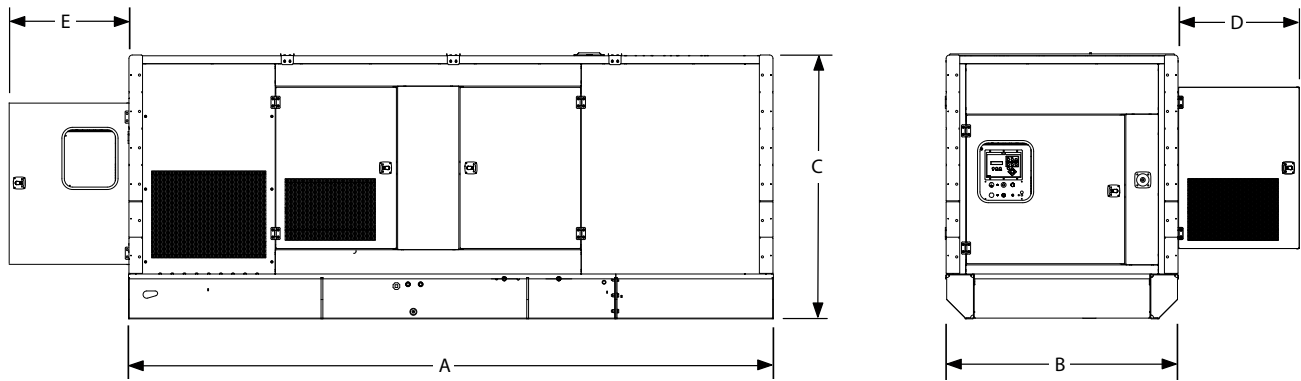
- Large side hinged doors on both sides of enclosure providing optimal access
- Retaining bars securing door positions during servicing
- Removable ducts providing maintenance access with enclosure in place
- Lube oil and coolant drain valves

Transportability

- Optional tested and certified lifting arch
- Lifting and drag points on base frame facilitating handling from both sides

Sound Pressure Levels (dBA)

		50 Hz						60 Hz					
		15m (50ft)		7m (23ft)		1m (3ft)		15m (50ft)		7m (23ft)		1m (3ft)	
Generator 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
CAE													
P300H-1	Prime	66.5	67.1	72.5	73.1	83.2	83.9	70.4	70.9	76.4	76.9	86.9	87.7
	Standby	66.7	67.3	72.7	73.3	83.4	84.3	70.5	71.1	76.5	77.1	87.1	88.0
P330H-1	Prime	66.6	67.0	72.6	73.0	84.2	84.8	-	-	-	-	-	-
	Standby	66.7	67.1	72.7	73.1	84.4	85.0	-	-	-	-	-	-
CAEU													
P300H-1	Prime	63.4	64.1	69.4	70.1	79.7	80.4	-	-	-	-	-	-
	Standby	63.6	64.3	69.6	70.3	79.9	80.6	-	-	-	-	-	-
P330H-1	Prime	63.6	64.3	69.6	70.3	79.9	80.6	-	-	-	-	-	-
	Standby	63.8	64.4	69.8	70.4	80.1	80.9	-	-	-	-	-	-



Dimensions and Weights

Generator Set Model	A: mm (in)	B: mm (in)	C: mm (in)	D*: mm (in)	E: mm (in)	Weight: kg (lb)	Fuel Tank Fillable Capacity: l (US gal)
CAE							
P300H-1	3985 (156.9)	1400 (55.1)	2156 (84.9)	995 (39.2)	1015 (40.0)	3158 (6962)	699 (184.7)
P330H-1	3985 (156.9)	1400 (55.1)	2156 (84.9)	995 (39.2)	1015 (40.0)	3430 (7562)	699 (184.7)
CAEU							
P300H-1	4300 (169.3)	1400 (55.1)	2156 (84.9)	995 (39.2)	1015 (40.0)	3248 (7161)	699 (184.7)
P330H-1	4300 (169.3)	1400 (55.1)	2156 (84.9)	995 (39.2)	1015 (40.0)	3520 (7760)	699 (184.7)

Weight with lube oil and coolant, no fuel.

* Clearance required on both sides.

FG Wilson manufactures product in the following locations:

Northern Ireland • Brazil • China • India • USA

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

To contact your local Sales Office please visit the FG Wilson website at www.FGWilson.com.

FG Wilson is a trading name of Caterpillar (NI) Limited.

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

275-330kVAEnclosureCAE/CAEU/1013/GB