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# CAL Modular Acoustic Enclosure

## 5.5 – 22 kVA Range

The compact modular design of the 5.5 – 22 kVA CAL enclosure range ensures optimum performance in the harshest of environments. Designed on modular principles, they have interchangeable components permitting on site repair. Lift off doors and access panels provide optimal service and maintenance access.

Extremely durable and robust, the enclosures are designed to resist corrosion and handling damage with the ability to withstand rough handling common on many construction sites.

### Durable and Robust Construction

- High grade steel protected by powder coat paint
- Single piece roof structure
- Baseframe extends beyond enclosure protecting against handling damage
- Black finish stainless steel locks and hinges
- Zinc plated / stainless steel fasteners

### Security and Safety

- Control panel viewing via large viewing window in lockable enclosure door
- Emergency stop push button mounted on enclosure exterior below control panel
- 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



Developed through continuing research and development by our specialist engineers, all FG Wilson enclosures are fully weatherproof and incorporate internally mounted exhaust silencers.

The sound attenuated CAL enclosures reduce sound levels to comply with the stage II levels of the European Community Directive 2000/14/EC, effective from 3 January 2006.

### Excellent Service and Maintenance Access

- Side hinged doors on both sides of the enclosure opening to 180°
- Side hinged doors lift off at 90°
- Removable front and rear access panels
- Coolant drain piped to baseframe, exterior to the enclosure

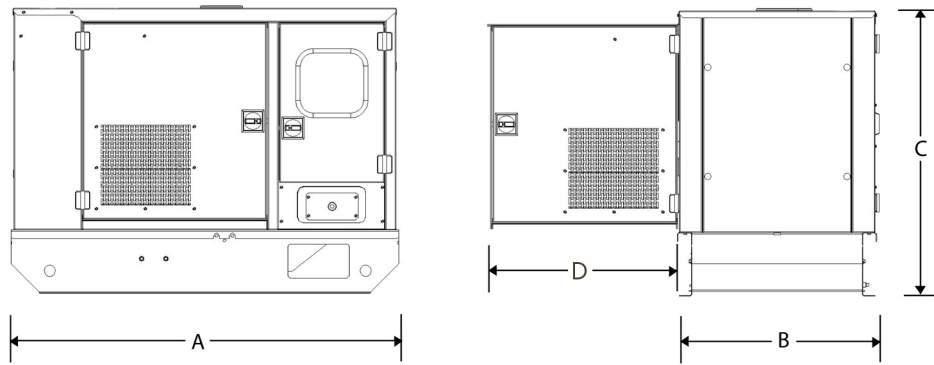
### Transportability

- Optional tested and certified lifting arch
- Drag points on baseframe facilitating handling from both sides
- Optional base feet to aid forklift handling

Please note all noise and weight figures for the CAL enclosure are subject to change pending final verification.

Sound Pressure Levels (dBA) – CAL														
		50 Hz @ 1500 RPM						60 Hz @ 1800 RPM						
		15m (50ft)		7m (23ft)		1m (3ft)		15m (50ft)		7m (23ft)		1m (3ft)		
Generating 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	
<b>3 Phase Models</b>														
K7.5-1	Prime	54.7	55.1	60.7	61.1	72.1	72.4	57.7	57.9	63.7	63.9	75.4	75.6	
	Standby	54.8	55.3	60.8	61.3	72.2	72.5	57.7	58.0	63.7	64.0	75.4	75.7	
K9.5-1	Prime	55.0	55.6	61.0	61.6	72.3	72.8	57.8	58.1	63.8	64.1	75.5	75.9	
	Standby	55.2	55.8	61.2	61.8	72.4	72.9	57.9	58.3	63.9	64.3	75.6	76.2	
K12.5-1	Prime	56.2	57.5	62.2	63.5	73.0	74.1	58.2	58.8	64.2	64.8	75.7	76.1	
	Standby	56.5	58.3	62.5	64.3	73.3	74.9	58.3	59.1	64.3	65.1	75.8	76.3	
P9.5-4	Prime	89	55.5	56.5	61.5	62.5	73.1	74.5	56.9	56.7	62.9	62.7	74.4	74.3
	Standby	89	55.7	56.8	61.7	62.8	73.5	75.0	56.8	56.6	62.8	62.6	74.3	74.3
P13.5-6	Prime	87	52.7	53.9	58.7	59.9	70.8	71.9	55.0	56.0	61.0	62.0	72.3	74.0
	Standby	87	53.1	54.5	59.1	60.5	71.1	72.4	55.3	56.4	61.3	62.4	72.7	74.6
P18-6	Prime	91	58.9	59.4	64.9	65.4	75.3	75.9	60.6	61.3	66.6	67.3	77.9	78.7
	Standby	91	59.0	59.6	65.0	65.6	75.5	76.2	60.8	61.6	66.8	67.6	78.1	79.1
P22-6	Prime	91	59.2	59.9	65.2	65.9	75.7	76.6	61.3	62.7	67.3	68.7	78.7	80.2
	Standby	91	59.4	60.2	65.4	66.2	76.0	77.0	61.7	63.3	67.7	69.3	79.1	81.0
<b>Single Phase Models</b>														
K6-3S	Prime	54.7	55.1	60.7	61.1	72.1	72.4	57.7	57.9	63.7	63.9	75.4	75.6	
	Standby	54.8	55.3	60.8	61.3	72.2	72.5	57.7	58.0	63.7	64.0	75.4	75.7	
K7.5-1S	Prime	55.0	55.6	61.0	61.6	72.3	72.8	57.8	58.1	63.8	64.1	75.5	75.9	
	Standby	55.2	55.8	61.2	61.8	72.4	72.9	57.9	58.3	63.9	64.3	75.6	76.2	
K10-1S	Prime	56.2	57.5	62.2	63.5	73.0	74.1	58.2	58.8	64.2	64.8	75.7	76.1	
	Standby	56.5	58.3	62.5	64.3	73.3	74.9	58.3	59.1	64.3	65.1	75.8	76.3	
P7.5-4S	Prime	89	55.5	56.5	61.5	62.5	73.1	74.5	56.9	56.7	62.9	62.7	74.4	74.3
	Standby	89	55.7	56.8	61.7	62.8	73.5	75.0	56.8	56.6	62.8	62.6	74.3	74.3
P11-6S	Prime	87	52.7	53.9	58.7	59.9	70.8	71.9	55.0	56.0	61.0	62.0	72.3	74.0
	Standby	87	53.1	54.5	59.1	60.5	71.1	72.4	55.3	56.4	61.3	62.4	72.7	74.6
P14-6S	Prime	91	58.9	59.4	64.9	65.4	75.3	75.9	60.6	61.3	66.6	67.3	77.9	78.7
	Standby	91	59.0	59.6	65.0	65.6	75.5	76.2	60.8	61.6	66.8	67.6	78.1	79.1
P16.5-6S	Prime	91	59.2	59.9	65.2	65.9	75.7	76.6	61.3	62.7	67.3	68.7	78.7	80.2
	Standby	91	59.4	60.2	65.4	66.2	76.0	77.0	61.7	63.3	67.7	69.3	79.1	81.0

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



## Dimensions and Weights – CAL

Generating Set Model	A: mm (in)	B: mm (in)	C: mm (in)	D: mm (in)	Weight: kg (lb)	Fuel Tank Fillable Capacity: l (US gal)
<b>3 Phase Models</b>						
K7.5-1	1526 (60.1)	876 (34.5)	1056 (41.6)	1160 (45.7)	446 (983.3)	48.0 (12.2)
K9.5-1	1526 (60.1)	876 (34.5)	1056 (41.6)	1160 (45.7)	446 (983.3)	48.0 (12.2)
K12.5-1	1704 (67.1)	876 (34.5)	1264 (49.8)	884 (34.8)	501 (1104.5)	55.0 (14.5)
P9.5-4	1704 (67.1)	876 (34.5)	1264 (49.8)	884 (34.8)	575 (1267.7)	55.0 (14.5)
P13.5-6	1704 (67.1)	876 (34.5)	1264 (49.8)	884 (34.8)	650 (1433.0)	55.0 (14.5)
P18-6	1704 (67.1)	876 (34.5)	1264 (49.8)	884 (34.8)	706 (1556.5)	55.0 (14.5)
P22-6	1704 (67.1)	876 (34.5)	1264 (49.8)	884 (34.8)	719 (1585.1)	55.0 (14.5)
<b>Single Phase Models</b>						
K6-3S	1526 (60.1)	876 (34.5)	1056 (41.6)	1160 (45.7)	446 (983.3)	48.0 (12.2)
K7.5-1S	1526 (60.1)	876 (34.5)	1056 (41.6)	1160 (45.7)	446 (983.3)	48.0 (12.2)
K10-1S	1704 (67.1)	876 (34.5)	1264 (49.8)	884 (34.8)	501 (1104.5)	55.0 (14.5)
P7.5-4S	1704 (67.1)	876 (34.5)	1264 (49.8)	884 (34.8)	575 (1267.7)	55.0 (14.5)
P11-6S	1704 (67.1)	876 (34.5)	1264 (49.8)	884 (34.8)	650 (1433.0)	55.0 (14.5)
P14-6S	1704 (67.1)	876 (34.5)	1264 (49.8)	884 (34.8)	706 (1556.5)	55.0 (14.5)
P16.5-6S	1704 (67.1)	876 (34.5)	1264 (49.8)	884 (34.8)	719 (1585.1)	55.0 (14.5)

Note: Net Weight with lube oil and coolant, no fuel. Clearance required 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](http://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.

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