

Modular Acoustic Enclosures

8.5 – 290 kVA Range (CAL / CALG)



www.FGWilson.com



The compact modular design of the 8.5 – 290 kVA CAL and CALG enclosures ensure 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.

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

The sound attenuated CAL and CALG 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 Access for Maintenance

- » 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
- » Lube oil and coolant drain valves

Robust/Highly Corrosion Resistant Construction

- » High grade steel protected by powder coat paint (CAL)
- » Galvanised steel protected by powder coat paint (CALG)
- » Black finish stainless steel locks and hinges
- » Zinc plated / stainless steel fasteners



Transportability

- » Lifting points on base frame facilitating handling from both sides

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
- » Fully enclosed exhaust silencing system for operator safety

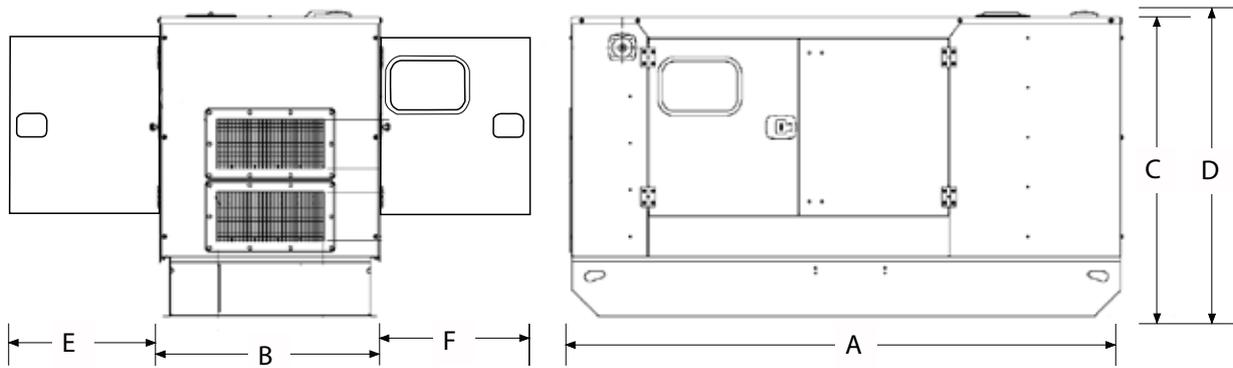
Sound Pressure Levels (dBA)

Generator Set Model		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
F9.5-1	Prime	57.2	58.6	63.2	64.6	75.4	76.3	59.3	60.1	65.3	66.1	78.1	78.6
	Standby	57.7	59.3	63.7	65.3	75.7	76.7	59.5	60.4	65.5	66.4	78.2	78.8
F17.5-1	Prime	59.8	60.5	65.8	66.5	77.0	77.7	61.9	63.1	67.9	69.1	78.9	79.9
	Standby	60.0	60.8	66.0	66.8	77.2	78.0	62.3	63.6	68.3	69.6	79.2	80.4
F22-1	Prime	61.0	61.3	67.0	67.3	79.2	79.6	62.5	63.6	68.5	69.6	80.2	81.0
	Standby	61.1	61.3	67.1	67.3	79.4	79.5	62.9	64.1	68.9	70.1	80.4	81.3
F35-1	Prime	61.8	61.8	67.6	67.8	79.9	80.2	61.6	61.9	67.6	67.9	79.8	80.2
	Standby	61.7	61.8	67.7	67.8	80.0	80.3	61.7	62.0	67.7	68.0	79.9	80.4
F50-1	Prime	61.2	61.3	67.2	67.3	79.4	79.5	63.7	64.0	69.7	70.0	82.6	82.8
	Standby	61.3	61.3	67.3	67.3	79.4	79.5	63.8	64.0	69.8	70.0	82.7	82.9
F72-1	Prime	61.6	61.5	67.6	67.5	80.5	80.4	62.4	62.7	68.4	68.7	81.9	82.3
	Standby	61.6	61.3	67.6	67.3	80.5	80.3	62.5	62.9	68.5	68.9	82.0	82.5
F125-1	Prime	65.2	65.4	71.2	71.4	83.4	83.8	67.3	67.7	73.3	73.7	85.9	86.3
	Standby	65.2	65.4	71.2	71.4	83.5	83.9	67.4	67.9	73.4	73.9	86.0	86.5
F275-1	Prime	65.4	65.9	71.4	71.9	83.0	83.4	-	-	-	-	-	-
	Standby	65.6	66.0	71.6	72.0	83.1	83.6	-	-	-	-	-	-
F290-1	Prime	-	-	-	-	-	-	67.0	67.5	73.0	73.5	85.7	86.2
	Standby	-	-	-	-	-	-	67.1	67.8	73.1	73.8	85.8	86.4

Dimensions and Weights

Generator Set Model	A: mm	B: mm	C: mm	D: mm	E*: mm	F*: mm	Weight: kg	Fuel Capacity: l
F9.5-1	1864	898	1253	1349	880	810	554	54
F17.5-1	1864	898	1253	1349	880	810	650	54
F22-1	1864	898	1253	1349	880	810)	682	54
F35-1	2291	1026	1426	–	1000	750	914	145
F50-1	2291	1126	1526	–	1000	750	1100	188
F72-1	2291	1126	1526	–	1000	750	1180	188
F125-1	3511	1126	1681	–	1015	1000	1812	289
F275-1	4516	1310	2010	2096	1073	1079	2860	484
F290-1	4516	1310	2010	2096	1073	1079	2845	484

*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.

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.

8.5-290kVAEnclosure/1015/GB