

Sound-attenuated and weather-protective enclosures

> For generator sets from 10 to 1000 kW



Our energy working for you.™

> **Diesel generator set enclosures**

10 to 1000 kW
Weather-protective
Level I, Level II, Level III

> **Spark-ignited generator set enclosures**

20 to 150 kW
Weather-protective
Level I, Level II

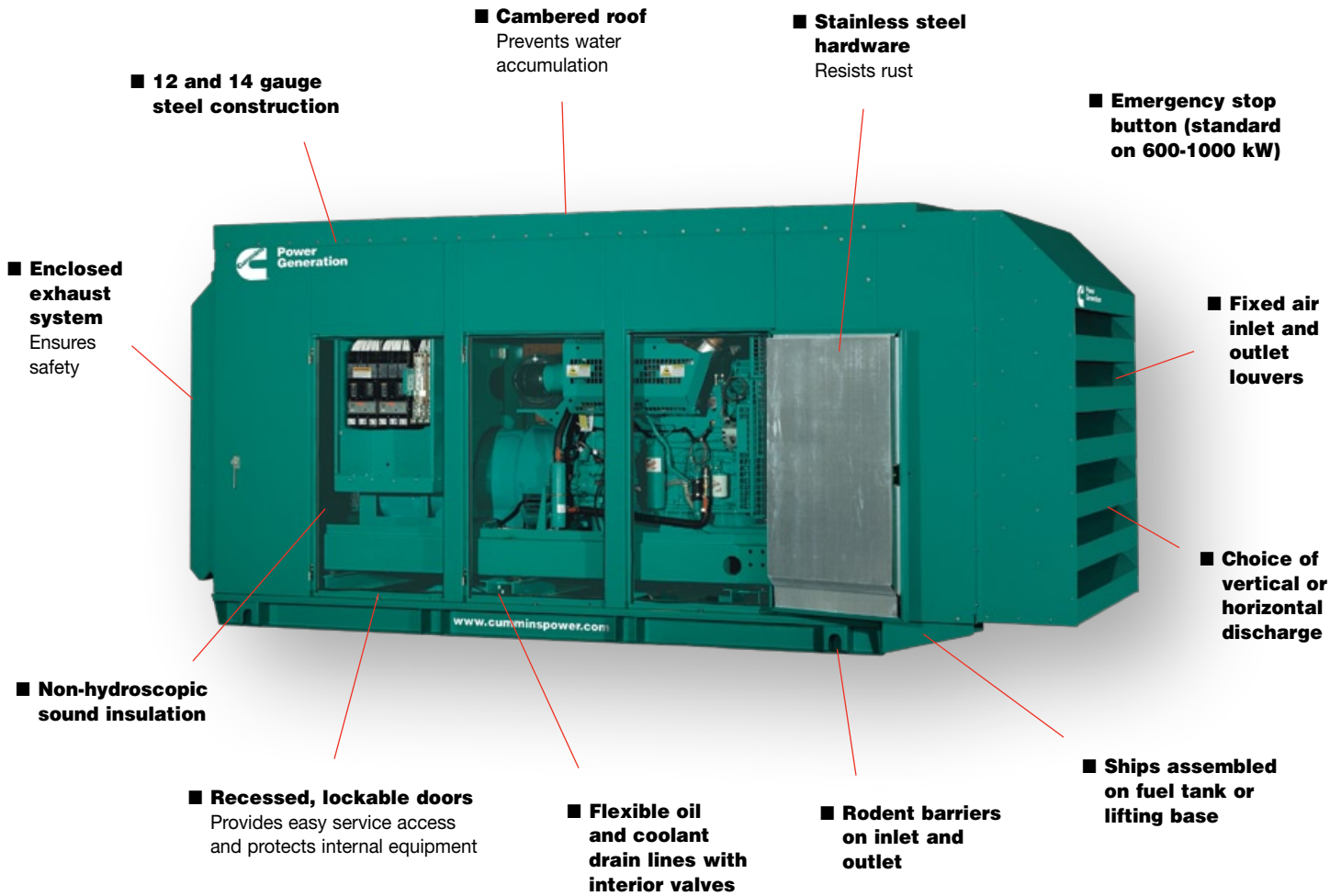
Sound-attenuated and weather-protective enclosures from Cummins Power Generation Inc. meet even the strictest sound requirements and provide optimum protection from inclement weather.

Cummins Power Generation diesel and spark-ignited generator sets are available with sound-attenuated and weather-protective enclosures. Pre-assembled, pre-integrated and delivered as part of the entire power system, these enclosures are designed to speed installation time and reduce costs.

Choose from three levels of sound-attenuation, depending on model size, to comply with even the strictest noise requirements. Enclosures are constructed of steel or aluminum, which is preferred in coastal regions or other environments where corrosion is a concern.



Features:



- > Three levels of sound attenuation
 - Level I: 70 to 89 d(B)A*
 - Level II: 63 to 78 d(B)A*
 - Level III: 68 to 70 d(B)A*
- > Compact footprint, low profile design
- > Easy access to all major generator and engine control components for servicing
- > Fully-house, enclosed exhaust silencer ensures safety and protects against rust
- > Enclosure, generator set, exhaust system and tank are pre-assembled, pre-integrated and shipped as one package, saving time and labor costs
- > All-steel construction with stainless steel hardware offers durability

- > Upgrade kits
- > Enclosures mounted directly to a sub-base fuel tank or lifting base
- > UL2200-listed
- > Customer options available to meet your application needs

Enclosure options

- > Aluminum enclosure is wind-rated to 150 mph (per ASCE 7-05 exposure D, category 1 importance factor)
- > Kits available to up-fit existing generator sets or to upgrade existing enclosures with additional sound attenuation
- > Exterior oil and coolant drains with interior valves for ease of service
- > Overhead 2-point lifting brackets (some models)

* Full load at 7 meters, steel enclosures

Choose from weather protective enclosure or three levels of sound attenuation:

Sound levels (dB(A))*				
kW	Model	Weather-protective	Level I	Level II
Diesel				
10	DSKAA	78	68	65
15	DSKAB	81	69	66
20	DSKBA	80	70	67
25	DSKFA	82	72	69
35	DGBB	82	71	63
35	DGGD	81	72	66
40	DGBC	82	72	63
40	DGHD	79	71	64
50	DGCA	83	72	66
50	DGHE	79	70	65
60	DGCB	84	73	67
60	DSFAD	87	79	71
80	DGCG	84	76	67
80	DSFAE	87	82	72
100	DGDB	86	77	70
100	DSGAA*	87	-	73
100	DSHAF	95	88	78
125	DGDK	86	80	71
125	DSGAB*	87	-	74
125	DSHAE	95	88	78
150	DGFA	89	77	72
150	DSGAC*	88	-	75
150	DSHAA	95	88	78
175	DGFB	90	78	72
175	DSHAB	95	88	78
200	DGFC	91	80	74
200	DSHAC	95	88	78
230	DGFS	91	81	75
230	DSHAD	96	89	78
250	DQDAA	90	86	71
275	DQDAB	89	86	71
275	DQHAA	86	85	74
300	DFCB	86	84	71
300	DQDAC	89	86	71
300	DQHAB	89	88	76
350	DFCC	87	85	72
350	DFEG	85	83	72
400	DFCE	89	85	73
400	DFEG	89	85	73
450	DFEJ	87	84	73
500	DFEK	88	85	76
600	DFGB	85	78	74
600	DQCA	87	79	74
750	DFGE	87	80	75
750	DFHA	91	81	77
750	DQCB	87	79	74
750	DQFAA	89	79	75
800	DFHB	91	81	77
800	DQCC	87	79	74
800	DQFAB	89	79	75
900	DFHC	93	83	78
900	DQFAC	88	80	76
1000	DFHD	90	80	76
1000	DQFAD	90	80	76

Sound levels (dB(A))*				
kW	Model	Weather-protective	Level I	Level II
Spark-ignited				
20	GGMA	77	N/A	66
25	GGMB	78	N/A	66
30	GGMC	79	N/A	67
35	GGFD	80	73	65
42/47	GGFE	83	73	66
60	GGHE	86	77	68
70/75	GGHF	87	77	69
85	GGHG	85	79	75
100	GGHH	86	80	76
125	GGLA	85	79	75
150	GGLB	85	79	75

*** Also available Level III**

100 kW	DSGAA	68 dB(A)
125 kW	DSGAB	69 dB(A)
150 kW	DSGAC	70 dB(A)



Diesel generator sets from 100 to 150 kW (models **DSGAA**, **DSGAB**, **DSGAC**) are available in **Level III** sound attenuation.

Shown: 100 kW Tier 3 diesel generator set (model DSGAA).

* Full load at 7 meters, steel enclosures

Diesel package dimensions (in.)									
Tank capacity (gal.)	Weather-protective			Level I			Level II, III		
	Length	Width	Height	Length	Width	Height	Length	Width	Height
35-80 kW									
70	83	40	63	83	40	81	102	40	81
140	83	40	71	83	40	89	102	40	89
100-230 kW									
109	105	40	67	108	40	85	142	40	87
173	105	40	72	108	40	90	142	40	92
309	105	44	87	N/A	N/A	N/A	145	43	97
336	105	40	86	108	40	104	142	40	106
230-500 kW									
Lifting base	188	82	100	188	82	100	222	82	100
300	188	82	104	188	82	104	222	82	104
400	188	82	106	188	82	106	222	82	106
500	188	82	108	188	82	108	222	82	108
600	188	82	111	188	82	111	222	82	111
660	188	82	113	188	82	113	222	82	113
720	188	82	114	188	82	114	222	82	114
850	188	82	118	188	82	118	222	82	118
1470	200	82	128	200	82	128	200	82	128
1700	234	82	128	234	82	128	234	82	128
600-1000 kW									
200	260	98	133	303	98	133	315	98	133
660	260	98	133	303	98	133	315	98	133
1000	260	98	137	303	98	137	315	98	137
1500	260	98	142	303	98	142	315	98	142
2000	280	98	142	320	98	142	320	98	142
2400	332	98	142	330	98	142	332	98	142

Spark-ignited package dimensions (in.)									
Model number	Weather-protective			Level I			Level II		
	Length	Width	Height	Length	Width	Height	Length	Width	Height
20 kW									
GGMA	65	30	46	N/A	N/A	N/A	85	30	47
25 kW									
GGMB	65	30	46	N/A	N/A	N/A	85	30	47
30 kW									
GGMC	65	30	46	N/A	N/A	N/A	85	30	47
35 kW									
GGFD	83	40	54	83	40	72	83	40	72
45 kW									
GGFE	83	40	54	83	40	72	83	40	72
60 kW									
GGHE	83	40	54	83	40	72	83	40	72
70 kW									
GGHF	83	40	54	83	40	72	83	40	72
85 kW									
GGHG	105	40	70	105	60	70	142	60	70
100 kW									
GGHH	105	40	70	105	60	70	142	60	70
125 kW									
GGLA	105	40	70	105	60	70	142	60	70
150 kW									
GGLB	105	40	70	105	60	70	142	60	70

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Package listed to UL2200

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