



Enclosures and tanks

35-230 kW gensets



Enclosure features

- 14-gauge, low carbon, hot-rolled ASTM A569 steel construction (panels)
- 12-gauge, low carbon, hot-rolled ASTM A569 steel construction (posts)
- Stainless steel hardware
- Compact footprint
- Zinc phosphate pre-treatment, e-coat primer and super durable powder topcoat paint minimize corrosion and color fade
- Package listed to UL 2200
- Fuel and electrical stub-up area within enclosure perimeter
- Two or three recessed doors per side, depending on generator set dimensions, for service access
- Doors key and padlockable for added security
- Weather protective seals around all doors on sound-attenuated enclosures
- Enclosed exhaust silencer improves safety and protects against rust
- Critical sound level exhaust silencers in sound-attenuated enclosures
- Rain collar and rain cap
- Non-hygroscopic sound-attenuating material
- Easy access lifting points for spreader bars or forklift, depending on model
- Compatible with most under-set fuel tanks
- Enclosure attaches directly to generator set skid base or fuel tank, depending on model
- Designed for ambient temperatures up to 50 °C (122 °F)
- Refer to genset model cooling system data sheets for specific capabilities
- Enclosures are designed for outdoor use only

Options

- Two levels of sound attenuation, and weather protective enclosure, steel and aluminum (most models)
- Super durable powder coat painted aluminum construction minimizes corrosion and color fade, panels and posts.1" thick, ASTM B209, 5052 H32
- Aluminum wind rated to 150 mph (per ASCE 7-05 exposure D, category 1 importance factor) (also available on some steel enclosures)
- Window for control viewing
- Kits to up fit existing gensets 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)

Fuel tank features

- Rectangular, heavy gauge, welded steel construction
- UL 142 Listed
- ULC-S601-07 Listed
- NFPA 37 compliant
- Double wall with a sealed, separately vented, integral fuel containment basin
- Reinforced steel box channels for generator support
- Full height gussets provided at genset mounting holes
- Interior coated with a solvent-based rust preventative
- Emergency pressure relief vent cap
- Port for normal vent
- Top-mounted fuel gauge
- Fuel supply and return tubes

- Raised fuel fill
- Mounting brackets for optional pump and control
- Ground clearance to minimize bottom rusting
- Integral lifting points
- Tanks are leak-checked to ensure integrity of weld seams prior to shipment

Options

- Fuel pump and control
- Low fuel level switch
- Leak detection rupture basin switch
- Fuel level control float valve (some models)
- Accessory kits for U.S. regional codes (some models)

Dual wall sub-base fuel tanks – usable operating hours

Genset model	Gallons/hour at full load	70 gallon tank	109 gallon tank	140 gallon tank	173 gallon tank	185 gallon tank	309 gallon tank	336 gallon tank	376 gallon tank	Gallons fuel after low level switch
30 DGHCA	2.4	12, 24		48						4.96
35 DGHCB	2.7	12, 24		48						4.96
35 DSFAA	3.8	18		37						4.96
40 DGHCC	3.1	12		24		48				6.96
40 DSFAB	4.5	16		31						4.96
50 DGCA	4.2	17		33						4.96
50 DSFAC	5.1	14		27						4.96
60 DGCB	4.7	15		30						4.96
60 DSFAD	5.9	12		24						4.96
80 DGCG	6.3	11		22						4.96
80 DSFAE	6.9	10		20						4.96
100 DSGAA	8.5						36			21
125 DSGAB	10.0						30			21
150 DSGAC	12.2						25			21
175 DSGAD	13.1								28	23
200 DSGAE	14.8								25	23
230 DSHAD	18.2		6		10			18		

Operating hours are measured at 60 Hz, Standby rating.

Enclosure package sound pressure levels @ 7 meters dB(A)

Genset model	Weather protective enclosure steel: F182 aluminum: F216*	Level 1 sound attenuated enclosure steel: F172 aluminum: F231*	Level 2 sound attenuated enclosure steel: F173 aluminum: F217*	Level 3 sound attenuated enclosure steel: F232 aluminum: F233*
Natural gas				
35 GGPA	82	74	63	N/A
40 GGPB	83	74	65	N/A
45/50 GGPC	83	74	65	N/A
60 GGHE	86	77	68	N/A
70/75 GGHF	87	77	69	N/A
85 GGHG	80	76	70	N/A
100 GGHH	80	76	70	N/A
125 GGHJ	86	82	75	N/A
Diesel				
30 DGHCA	76	68	62	N/A
30 DGHCB	76	68	62	N/A
35 DSFAA	87	79	70	N/A
40 DGHCC	76	69	62	N/A
40 DSFAB	87	79	70	N/A
50 DGCA	83	72	66	N/A
50 DSFAC	87	79	70	N/A
60 DGCB	84	73	67	N/A
60 DSFAD	87	79	71	N/A
80 DGCG	84	76	67	N/A
80 DSFAE	87	82	72	N/A
100 DSGAA	87	N/A	72	69
125 DSGAB	88	N/A	73	69
150 DSGAC	88	N/A	73	70
175 DSGAD	89	N/A	74	70
200 DSGAE	89	N/A	74	71
230 DSHAD	96	89	78	N/A

Where two natural gas ratings are shown above, the first is the natural gas rating and the second is the propane rating. Data is a measured average of 8 positions, and is 60 Hz, full load Standby rating, steel enclosures only.

*Sound levels on aluminum enclosures are approximately 2 dB(A) higher than steel as measured above.

Diesel package dimensions of enclosure, exhaust system and UL tank

Weather protective

Kilowatt rating	Tank size	Length (in.)	Width (in.)	Height (in.)	Weight (lbs)
35 - 80 kW	70 gallon tank	83	40	65	810 steel, 729 aluminum
	140 gallon tank	83	40	73	960 steel, 879 aluminum
	185 gallon tank	83	40	77	1062 steel, 981 aluminum
100 - 230 kW	109 gallon tank	105	40	69	1010 steel, 888 aluminum
	173 gallon tank	105	40	74	1136 steel, 1014 aluminum
	309 gallon tank	105	44	88	4838 steel, 4416 aluminum
	336 gallon tank	105	40	88	1369 steel, 1247 aluminum
	376 gallon tank	138	43	90	5563 steel, 5141 aluminum

Level 1 sound attenuated

Kilowatt rating	Tank size	Length (in.)	Width (in.)	Height (in.)	Weight (lbs)
35 - 80 kW	70 gallon tank	83	40	83	1246 steel
	140 gallon tank	83	40	91	1396 steel
	185 gallon tank	83	40	95	1498 steel
100 - 230 kW	109 gallon tank	108	40	87	1510 steel
	173 gallon tank	108	40	92	1636 steel
	336 gallon tank	108	40	106	1869 steel

Level 2 sound attenuated

Kilowatt rating	Tank size	Length (in.)	Width (in.)	Height (in.)	Weight (lbs)
35 - 80 kW	70 gallon tank	102	40	83	1443 steel, 1186 aluminum
	140 gallon tank	102	40	91	1593 steel, 1336 aluminum
	185 gallon tank	102	40	95	1695 steel, 1438 aluminum
100 - 230 kW	109 gallon tank	142	40	87	1904 steel, 1538 aluminum
	173 gallon tank	142	40	92	2030 steel, 1664 aluminum
	309 gallon tank	145	43	97	5852 steel, 4780 aluminum
	336 gallon tank	142	40	106	2263 steel, 1897 aluminum
	376 gallon tank	149	43	99	6357 steel, 5286 aluminum

Level 3 sound attenuated

Kilowatt rating	Tank size	Length (in.)	Width (in.)	Height (in.)	Weight (lbs)
100 - 200 kW	309 gallon tank	158	43	97	6052 steel, 4852 aluminum
	376 gallon tank	162	43	99	6557 steel, 5358 aluminum

Spark ignited package dimensions of enclosure and exhaust system

Weather protective

Genset model	Length (in.)	Width (in.)	Height (in.)	Weight (lbs) Weather protective enclosure package
35 GGPA	83 in.	40 in.	54 in.	310 lbs. steel, 229 lbs. aluminum
40 GGPB	83 in.	40 in.	54 in.	310 lbs. steel, 229 lbs. aluminum
45/50 GGPC	83 in.	40 in.	54 in.	310 lbs. steel, 229 lbs. aluminum
60 GGHE	83 in.	40 in.	54 in.	310 lbs. steel, 229 lbs. aluminum
70 GGHF	83 in.	40 in.	54 in.	310 lbs. steel, 229 lbs. aluminum
85 GGHG	105 in.	41 in.	70 in.	520 lbs. steel, 275 lbs. aluminum
100 GGHH	105 in.	41 in.	70 in.	520 lbs. steel, 275 lbs. aluminum
125 GGHJ	105 in.	41 in.	70 in.	520 lbs. steel, 275 lbs. aluminum

Level 1 sound attenuated

Genset model	Length (in.)	Width (in.)	Height (in.)	Weight (lbs) Sound attenuated Level 1 enclosure package
35 GGPA	83 in.	40 in.	72 in.	746 lbs. steel
40 GGPB	83 in.	40 in.	72 in.	746 lbs. steel
45/50 GGPC	83 in.	40 in.	72 in.	746 lbs. steel
60 GGHE	83 in.	40 in.	72 in.	746 lbs. steel
70 GGHF	83 in.	40 in.	72 in.	746 lbs. steel
85 GGHG	105 in.	60 in.	70 in.	710 lbs. steel
100 GGHH	105 in.	60 in.	70 in.	710 lbs. steel
125 GGHJ	105 in.	60 in.	70 in.	710 lbs. steel

Level 2 sound attenuated

Genset model	Length (in.)	Width (in.)	Height (in.)	Weight (lbs) Sound attenuated Level 2 enclosure package
35 GGPA	102 in.	40 in.	72 in.	943 lbs. steel, 686 lbs. aluminum
40 GGPB	102 in.	40 in.	72 in.	943 lbs. steel, 686 lbs. aluminum
45/50 GGPC	102 in.	40 in.	72 in.	943 lbs. steel, 686 lbs. aluminum
60 GGHE	102 in.	40 in.	72 in.	943 lbs. steel, 686 lbs. aluminum
70 GGHF	102 in.	40 in.	72 in.	943 lbs. steel, 686 lbs. aluminum
85 GGHG	142 in.	60 in.	70 in.	790 lbs. steel, 475 lbs. aluminum
100 GGHH	142 in.	60 in.	70 in.	790 lbs. steel, 475 lbs. aluminum
125 GGHJ	142 in.	60 in.	70 in.	790 lbs. steel, 475 lbs. aluminum

Unless otherwise noted above, dimensions are equal for aluminum and steel enclosure packages.

The weight does not include the generator set. Consult your local Cummins distributor or the appropriate generator specification sheet.

For more information contact your local Cummins distributor
or visit power.cummins.com

Our energy working for you.™

