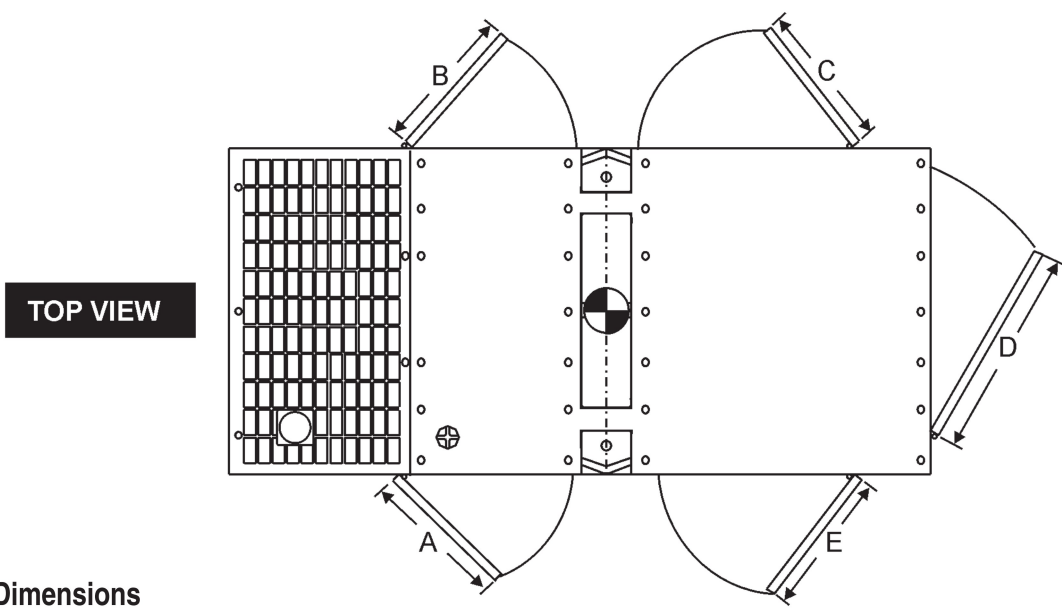


# DCA-180SSV— SPECIFICATIONS

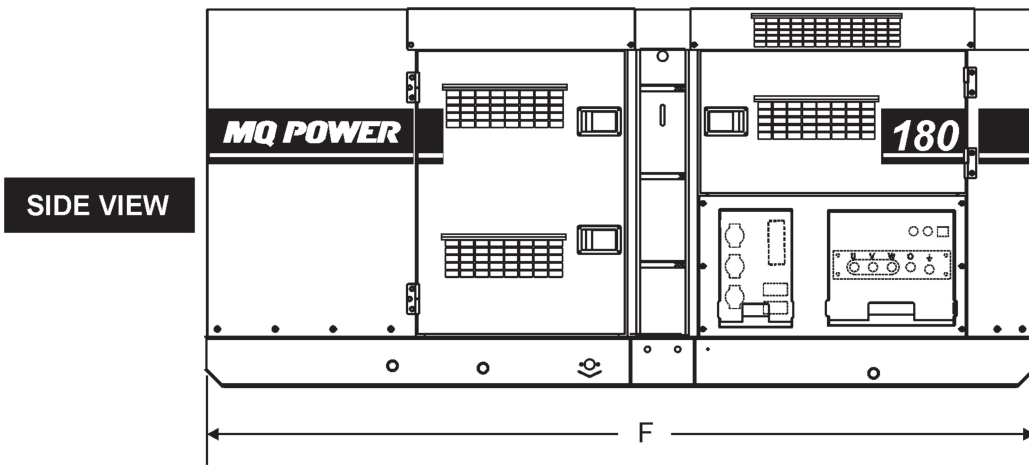
Table 1. Generator Specifications		
Model	DCA-180SSV	
Type	Revolving field, self ventilated, open protected type synchronous generator	
Armature Connection	Star with Neutral	
Phase	3	
Standby Output	198 KVA (158 KW)	
Prime Output	180 KVA (144 KW)	
Voltage — 1Ø	120, 127, 139, 240, 254, and 277V	
Voltage — 3Ø	208, 220, 240, 416, 440, and 480V	
Frequency	60 Hz	
Speed	1800 rpm	
Power Factor	0.8	
Aux. AC Power	Single Phase, 60 Hz	
Aux. Voltage/Output	120 VAC/ 4.8 Kw (2.4 kW x 2)	
Dry Weight	11,136 lbs. (5,050 kg.)	
Wet Weight	12,260 lbs. (5,560 kg.)	
Table 2. Engine Specifications		
Model	VOLVO TAD722GE	
Type	4 cycle, water-cooled, direct injection, turbo-charged	
No. of Cylinders	6 cylinders	
Bore x Stroke	5.15 in. x 5.90 in. (131 mm x 150 mm)	
Displacement	740.2 cu. in. (12,130 cc)	
Starting	Electric 24 VDC	
Coolant Capacity	11.6 gal. (44 liters)	
Lube Oil Capacity	9.2 gal. (35 liters)	
Fuel Type	#2 Diesel Fuel	
Fuel Tank Capacity	129 gal. (490 liters)	
Fuel Consumption	11.2 gal. (42.2 L)/hr at <b>full load</b>	8.5 gal. (32.0 L)/hr at <b>3/4 load</b>
	5.9 gal. (22.4 L) at <b>1/2 load</b>	3.7 gal (14.0 L) at <b>1/4 load</b>
Battery	12V-150 Ah x 2	

# DCA-180SSV— DIMENSIONS (TOP, SIDE AND FRONT)

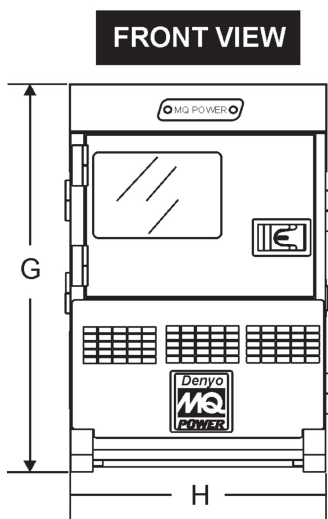


**TOP VIEW**

Figure 1. Dimensions



**SIDE VIEW**



**FRONT VIEW**

TABLE 3. DIMENSIONS			
Reference Letter	Dimension in. (mm.)	Reference Letter	Dimension in. (mm.)
A	37.00 in. (940 mm.)	F	139.7 in. (3,550 mm.)
B	37.00 in. (940 mm.)	G	70.98 in. (1,800 mm.)
C	41.33 in. (1,050 mm.)	H	47.24 in. (1,200 mm.)
D	41.33 in. (1,050 mm.)		
E	41.33 in. (1,050 mm.)		