



DIMENSIONS ARE APPROXIMATE — Inches (mm)

### APPLICATION DATA:

	60 Hertz	50 Hertz		60 Hertz	50 Hertz
Basic Engine (only)			Air for Combustion: cfm	1920	1660
Coolant Capacity: gals.	13.75	13.75	m <sup>3</sup> /min.	54	47
litres	52.00	52.00	Air for Radiator Cooling: cfm	30,000	25,000
Engine Coolant Flow: gpm	213	178	m <sup>3</sup> /min.	850	708
litres/min.	806	673	Heat Rejection to Room:		
Max. Static Head at Fresh Water			BTU/min.	2,829	2,778
Pump Inlet ft. H <sub>2</sub> O	30	30	kW/min.	49.75	48.85
kPa	89.58	89.58	Generator Heat Radiated to Room		
Heat Rejection to Coolant: BTU/min.	19530	16470	BTU/min.	1820	1820
kW/min.	343	289	kW/min.	32	32
Coolant Capacity Heat			Exhaust Flow (Rated Output)		
Exchanger plus Engine: gals.	25.25	25.25	cfm	4,510	3,960
litres	95.57	95.57	m <sup>3</sup> /min.	128	112
Max. Suction Pressure (raw water):			Exhaust Temp. (Rated Output		
in. Hg.	5	5	After Turbocharger):		
kPa	16.88	16.88	°F	820	840
Max. Discharge Pressure:			°C	437	448
psi (raw water)	10	10	Exhaust Back Pressure (max. allow):		
kPa (raw water)	68.95	68.95	in. hg	2.0	1.4
Heat Exchanger Raw Water Flow:			kPa	6.75	4.73
gpm	88	75	System Voltage	24V DC	24V DC
litres/min.	333	284	Starter Rolling Current @ 32°F		
Crankcase Oil Capacity: gals.	8.5	8.5	(0°C)	880	880
litres	32.17	32.17	Starter Breakaway Current @ 32°F		
Fuel Supply Line, min., I.D. in.	.5	.5	(0°C)	2000	2000
mm	12.70	12.70			
Fuel Return Line, min., I.D. in.	.3125	.3125			
mm	7.94	7.94			
Suction at Fuel Transfer Pump,					
in. hg.	6	6			
kPa	20.26	20.26			



**Detroit Diesel Allison**  
Division of General Motors

13400 West Outer Drive, Detroit, Michigan 48228 U.S.A.