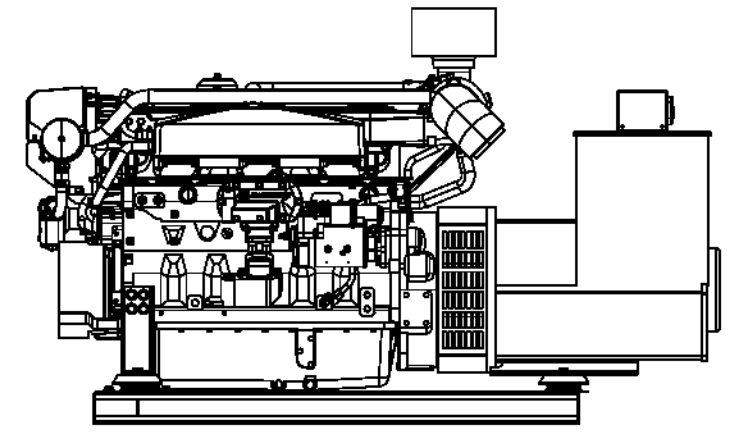
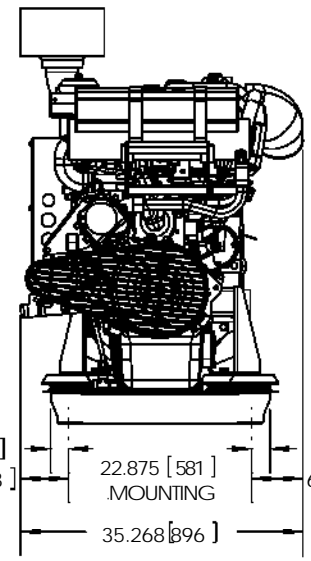
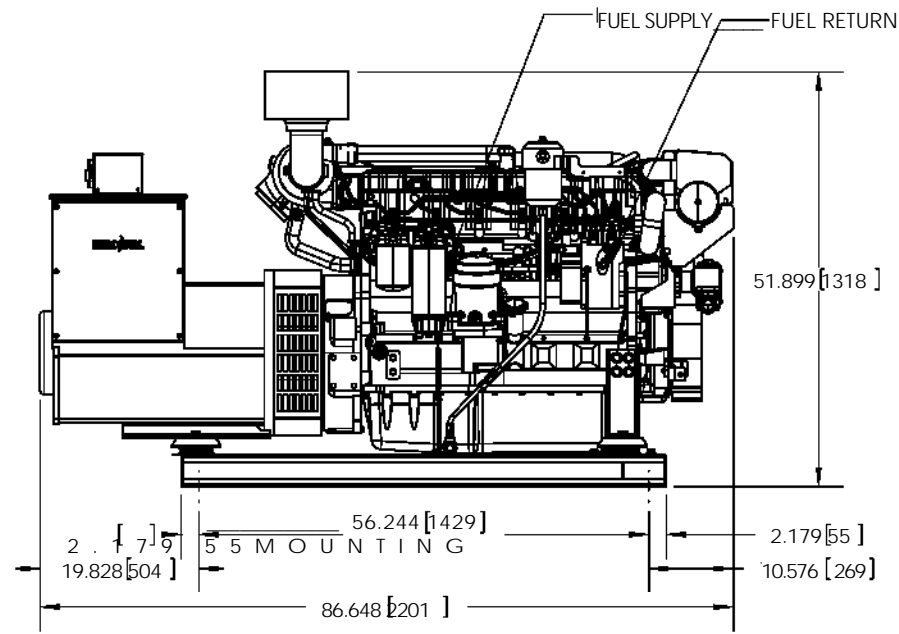
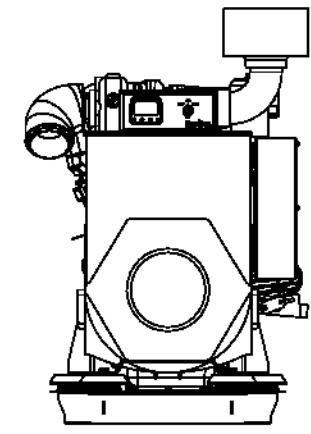
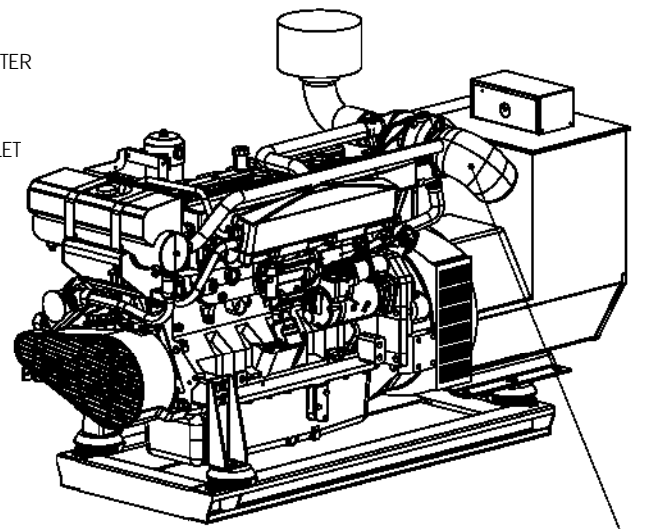
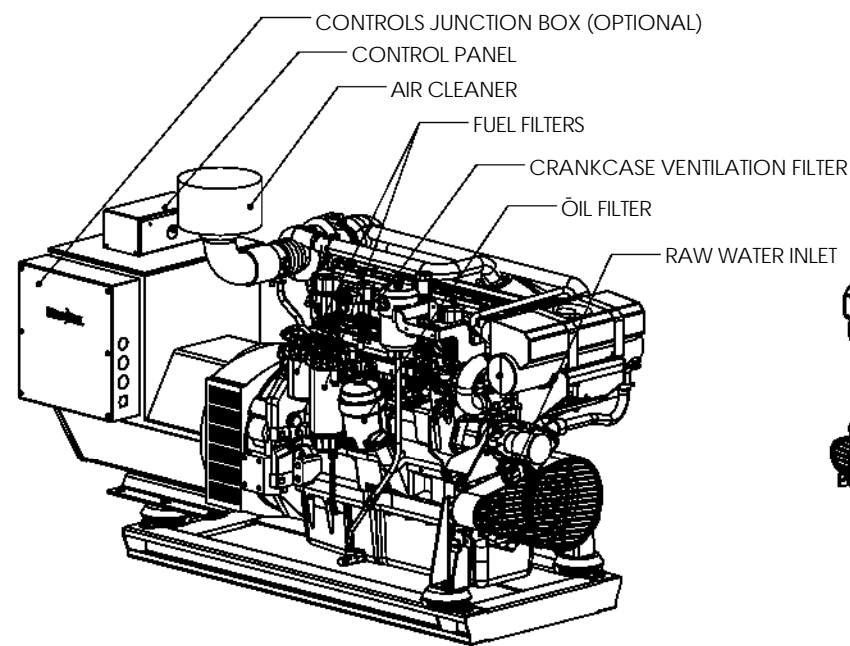
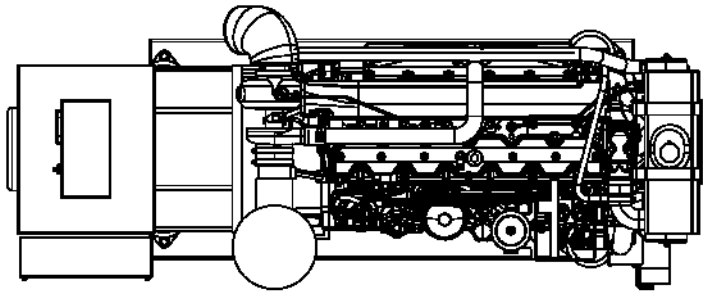


Guidelines	60Hz	50Hz
Min. Ventilation Area--in.2 (m2)	149(0.096)	110(0.071)
Maximum Allowable Air Temperature Rise, Ambient to Engine Inlet--°F (°C)	30 (17)	30 (17)
Engine Air Flow--ft3/min (m3/min)	554 (15.7)	410 (11.6)
Maximum Air Intake Restriction		
Dirty Air Cleaner--in. H2O (kPa)	25 (6.25)	25 (6.25)
Clean Air Cleaner--in. H2O (kPa)	12 (3.0)	12 (3.0)
Intake Manifold Pressure--psi (kPa)	23 (159)	18 (121)
Eng. Heat Reject--BTU/min (kW)	9619 (169)	9392 (165)
Eng. Radiated Heat--BTU/min (kW)	1446 (25.4)	1201 (21.1)
Coolant Flow--gal/min (L/min)	57 (216)	48 (180)
Min. Coolant Fill Rate--gal/min (L/min)	3.2 (12)	
Thermostat Start to Open--°F (°C)	160 (71)	
Thermostat Fully Open--°F (°C)	183 (84)	
Maximum Top Tank Temp--°F (°C)	212 (100)	
Minimum Sea Water-to-Boil--°F (°C)	90 (32)	
Min. Water Pump In. Press.--in. H2O (kPa)	00 (00)	
Rec'd. Pressure Cap--psi (kPa)	15 (100)	
Max. Pressure Drop		
Across Keel Cooler--psi (kPa)	4 (30)	3 (20)
Engine Coolant Capacity--qt (L)	38 (36)	38 (36)
Exhaust Gas Flow--ft3/min (m3/min)	1314 (37.2)	1035 (29)
Exhaust Temperature--°F (°C)	817 (436)	896 (480)
Min. Exhaust Pipe Dia. Dry--in. (mm)	4.5 (115)	4.0 (100)
Min. Exhaust Pipe Dia. Wet--in. (mm)	6.0 (152)	6.0 (152)
Max. Allow. Back Press.--in. H2O (kPa)		
Max. Weight on Turbo--lb (kg)	30 (7.5)	55 (25.0)
Governor Type	Electronic	
Governor Regulation	Isosynchronous or Droop	
Total Fuel Flow--lb/hr (kg/hr)	608 (276)	507 (230)
Total Fuel Flow--gal/hr (L/hr)	86 (325)	71 (271)
Min. Rec'd. Fuel Line ID--in. (mm)		0.38 (10)
Min. Rec'd. Fuel Line Size		-7
Fuel Cons. 'Prime' --lb/hr (kg/hr)	94.3 (42.8)	78.1 (35.4)
Fuel Cons. 'Prime' --gal/hr (L/hr)	13.3 (50.3)	11.0 (41.7)
Max Leak-off Line Press.--psi (kPa)		9 (60)
Max Leak-off Return Height--ft (m)		8 (2.5)
Max. Fuel Trans. Pump Suction--ft (m)		10 (3.0)
Max. Fuel Ht. Above Inj. Pump--ft (m)		10 (3.0)
Max. Fuel Inlet Temp. w/o derate--°F (°C)		149 (65)
Fuel Filter @ 98% Efficiency--Microns		2

Guidelines	60Hz	50Hz
Oil Press. at Rated Speed--psi (kPa)	44 (305)	41 (280)
Oil Pressure at Low Idle--psi (kPa)	36 (250)	36 (250)
Sea Water Pump Flow--gal/min (L/min)	43 (163)	36 (136)
Max. Inlet Restriction--in. H2O (kPa)	120 (30)	120 (30)
Max. Outlet Press--psi (kPa)	20 (140)	20 (140)
Max. Suction Lift--ft (m)	10 (3.0)	10 (3.0)
Electrical System		
Recommended Battery Capacity	12 Volts	24 Volts
CCA @ 32 °F (0 °C)--amp	800	570
Max. Starting Circuit Resist.--Ohm	0.0012	0.002
Starter Rolling Current @ 32 °F (0 °C)--amp	950	600



NOTE: IF BEND ORDER NOT SHOWN, BEND FLANGES FROM THE OUTSIDE IN, AND THE LONG BENDS FIRST.

REVISION	DATE	BY	ISSUED AS STANDARD PRODUCT
A	11-SEP-08	YAS	ISSUED AS STANDARD PRODUCT
SYM	DATE	BY	

REAGAN EQUIPMENT COMPANY INC.
 2230 PETERS ROAD HARVEY, LA 70058
 504-367-1870 FAX 504-374-6487

3100 GATEWAY DRIVE POMPANO BEACH, FL 33069
 954-935-0006 FAX 954-935-0010

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DIMENSIONS ARE IN INCHES TOLERANCES:		NAME	DATE
FRACTIONAL	1/32	YAS	11-SEP-08
ANGULAR	MACH 1/2	CHECKED	
TWO PLACE DECIMAL	±0.03	ENG APPR.	
THREE PLACE DECIMAL	±0.010	PROJECT	
INTERPRET GEOMETRIC TOLERANCING PER:		BEND ALLOWANCE	
WEIGHT		PART NUMBER:	
MATERIAL		1 155HKPHE83	
FINISH		1506HKPHE83	
DO NOT SCALE DRAWING			

ALL BENDS UNLESS OTHERWISE SPECIFIED

TITLE: **Generator Arrangement**
 115kW @ 1500 RPM
 150kW @ 1800 RPM

SIZE B	DWG. NO. GA08-6081 DKPH E83-A	REV A
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SCALE: 1:24 SHEET 1 OF 1