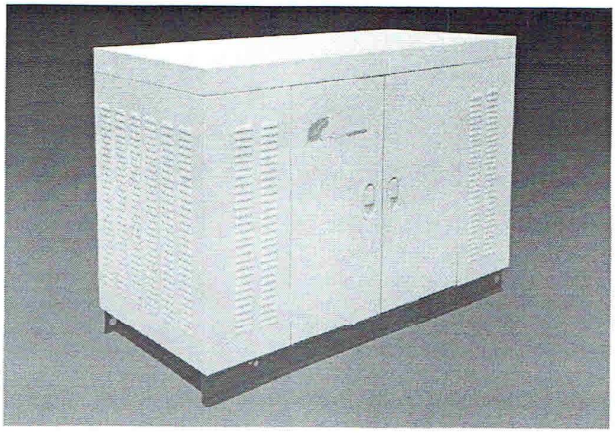
AN9347 & AN9348

NG/LP GENERATOR



SPECIFICATIONS

GENERATOR

MODEL	CEN15K	CEN20K	CEN25K
Rated Max. AC Power Output (KW)	15	20	25
Rated voltage(volts)	120/240, 1-phase; ~~120/208, 3-phase~~; ~~230/400, 3-phase~~		
No of Rotor Poles	2		
Driven Speed of Rotor	3600		
Rotor Excitation System	Brushless(with damper coil)AVR		
Type of Stator	4Wire		
Rotor/Stator Insulation	Class F		
ENGINE			
Cylinders and Arrangement	4		4
Displacement (L)	1.0	1.3	2.0
Air Intake System	Naturally Aspirated		
Rated Synchronous RPM	60HZ ,3600		
HP at rated KW	22	32	45
Noise level dba/1m	80		

Engine Lubrication System

Type of Oil Pump ..... Gear
Oil Filter .....Full Flow, Cartridge
Crankcase Oil Capacity .....4 U.S. qts.

COOLING SYSTEM

Type .....Closed
Water Pump .... Belt Driven
Fan Speed 2550
Fan Diameter .....15 inches
Fan Mode .....Pusher
Air Flow (inlet air including alternator and combustion air) ..... 1528 ft3/min.
Coolant Capacity .....2.0 U.S. gal.
Heat Rejection to Coolant .....107,000 Btu/h
Maximum Operating Air Temp. on Radiator..60° C (150° F)
Maximum Ambient Temperature .....50° C (140° F)

FUEL SYSTEM

Type of Fuel .....Natural Gas, Propane Vapor
Fuel controller ..... Woodward Electronic Mixer/Carbur etor
Secondary Fuel Regulator .....Standard
Fuel Shut-off Solenoid ....Standard
Operating Fuel Pressure ..... 5 in. - 14 in. Water Column

Fuel Consumption - ft3/hr (Natural Gas/LPV)

Exercise Cycle	25% Load	50% Load	75% Load	100% Load
60/24	124/49	188/75	250/99	315/125

ELECTRICAL SYSTEM

Battery Charge Alternator .....12V, 15 Amp
Static Battery Charger .....2 Amp
Recommended Battery .. .. Group 26, 525CCA
System Voltage .....12 Volts

Voltage Regulator

Type .... Electronic
Sensing .... Single-phase
Regulation .....± 1%
Features ..... V/F Adjustable, Adjustable Voltage and Gain LED Indicators

Power Adjustment for Ambient Conditions

Temperature Deration
3% for every 10° C above °C 25
1.65% for every 10° above °F 77
Altitude Deration
1% for every 100 m above m 182
3% for every 1000 ft. above ft 600

Note: Specification may change without notice. Other models may be available upon request.