

FNG-20 - NATURAL GAS / LP GENERATOR

POWER RATINGS

Model Number	Voltage range				Standby Power			Prime Power		
		Phase	pf	Hz	kW	kVA	Amps	kW	kVA	Amps
FNG20 LP	120/240	1	1	60	15	15	50	12	12	50
	120/208	3	0.8	60	14	17	39	12	13	39
	120/240	3	0.8	60	14	17	35	12	13	35
	277/480	3	0.8	60	14	17	17	12	13	17
FNG20 NG	120/240	1	1	60	13	13	50	12	12	50
	120/208	3	0.8	60	12	17	39	11	13	39
	120/240	3	0.8	60	12	17	35	11	13	35
	277/480	3	0.8	60	12	17	17	11	13	17

ENGINE DATA

Basic Engine Data		Valve Train	
Manufacturer	FORD TSG415	Lifter type	Hydraulic
Naturally-aspirated	YES	Emissions	
Cylinders	4	EPA Certified	OPTIONAL
Displacement Cu.in (Liters)	98 (1.5)	Engine Governor	Electronic - Bosch
Bore inches (mm)	3.23 (82.1)	Standard electronic system	Hz no load to full load 0.5%
Stroke inches (mm)	2.97 (75.5)	Steady regulation electronic	+/- .025%
Compressions ratio	9.5:1	Cooling System	Liquid Cooled
Connection rods	4	Type of system	Pressurized
Piston material	Aluminium alloy	Water pump	Sealed
Oil capacity gals (liters)	1.45 (5.49)	Type of fan	5 Blade pusher
Engine Electrical System	12 VOLT	Fuel System	Carbureted
Glow plugs	No	Fuel	Natural gas
Battery charge alternator	55 amp	Nominal	1037 BTU/FT 3
Starter motor	12V	Specific gravity	0.601
Recommended lead acid battery	Group 34 850 CCA	Fuel inlet pressure	6" - 14" Water
Ground polarity	Negative	Combustion	Spark ignition

FUEL CONSUMPTIONS:

LOAD	PROPANE	NATURAL GAS
25%	2 LITERS / HOUR	40 CU. FT. / HOUR
50%	3 LITERS / HOUR	80 CU. FT. / HOUR
75%	5 LITERS / HOUR	120 CU. FT. / HOUR
100%	7 LITERS / HOUR	160 CU. FT. / HOUR

FNG20 Series Dimensions and Weights

Standard Dimension						Shipping dimensions						
Open		Enclosed		Attenuated		Open		Enclosed		Attenuated		
	ins	cm	ins	cm	ins	cm	ins	cm	ins	cm	ins	cm
"H" height	***40		47		* 89							
"W" width	***30		40		** 43							
"L" length	52		65		89							
Est. Weight	lb/kg	900 lb.		1600 lb		1800 lb.						

* INCLUDES STAND (24 INCHES)

& INCLUDES EXHAUST OUTLET (18 INCHES) TOTAL INCLUDED = 42 INCHES

** INCLUDES LIFTING LUGS ON SKID BASE (7 INCHES)

*** INCLUDES SKID DIMENSIONS

Auto Start Panel with LCD

Standard Control Panel: This control comes complete as a manual or auto start control in a vibration isolated cabinet. When in "Auto" position a simple switch closure of any kind will signal the set to start. The controls provide safety shutdown protection for low oil pressure, high temperature, over/under speed and a over crank fault after three failed attempts to start. Using a push button you can easily scroll through the LCD showing the generator sets A/C voltage, amperage and hertz. The engine will be monitored for oil pressure, temperature, D/C battery volts, and engine hours run.