



COMPACT SERIES 1.1MW GENERATOR

Natural Gas Fuel Specification		
Lower Heating Value (nominal)	35.6 MJ/Nm ³ – 955 Btu/SCF	
Wobbe Index	+/- 10%	
Constituents Limits (mole %)		
	Max	Min
Methane	100	80
Ethane	15	0
Propane	4	0
Butane and higher C4+	2	0
H2	1	0
CO2	2	0
CO	2	0
N2	2	0
Oxygen	1	0
Total Diluents (sum of CO2, N2, O2, He, and any other diluents)	15	0
Contaminants		
Total Sulphur, mole % (max)	0.5 ¹	
H2S, ppmw (max)	25	
NO, ppmw (max)	30	
NH3, ppmw (max)	30	
Particulates, ppmw (max)	30	
Vanadium, ppmw (max)	0.5	
Lead, ppmw (max)	0.5	
Calcium, ppmw (max)	0.5	
Sodium + Potassium, ppmw (max)	.05	
Total contaminants shall not exceed 30 pp mw		
Entrained oil/moisture, ppmw (max)	5	
Fuel Filtering – A 10 micron nominal, 20 micron absolute filter is required immediately upstream of engine fuel system interface		

Notes: Wobbe Index = (net HV (Btu/ft³)) / sqrt(specific gravity)