



Burnovate Energy Systems Pvt. Ltd.

STEP Office, IIT Kharagpur
Kharagpur; West Medinipur, West Bengal - 721302

Plasma bed Gasifier

Model	Internal Diameter (mm)	Hearth Area (m ²)	Gas Output (Nm ³ /hr)	Maximum Coal Fiddling Capacity (kg/hr)	Species Parameters (%)	Gas Temperature (°C)	Calorific Value
BPG10H	1000	0.78	1350-1500	500	CO : 16-23% H ₂ : 15-18% CH ₄ : 1-2% CO ₂ : 5-8% N ₂ : 40-50%	600-900	1200-1500 kcal/Nm ³
BPG15H	1500	1.7	2600-2900	1000			
BPG18H	1800	2.5	3500-4500	1400			
BPG20H	2000	3.1	4800-6000	2000			
BPG22H	2200	3.8	6500-8000	2600			
BPG25H	2500	4.9	8000-9500	3200			
BPG28H	2800	6.1	8700-10500	3600			
BPG30H	3000	7	9000-11000	3800			
BPG35H	3500	9.6	9500-11500	4000			
BPG40H	4000	12.5	10000-12000	4200			

Emission standards:



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