



Burnovate Energy Systems Pvt. Ltd.

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

Fixed-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
BFXG10H	1000	0.78	1100-1350	500	CO : 18-21% H ₂ : 15-18% CH ₄ : 1-3% CO ₂ : 8-11% N ₂ : 40-50%	500-600	1100 – 1300 Kcal/Nm ³
BFXG15H	1500	1.7	1500-3000	1000			
BFXG18H	1800	2.5	2000-3600	1400			
BFXG20H	2000	3.1	4000-5500	2000			
BFXG22H	2200	3.8	4500-6500	2600			
BFXG25H	2500	4.9	5500-8000	3200			
BFXG28H	2800	6.1	6000-9000	3600			
BFXG30H	3000	7	6500-9500	3800			
BFXG35H	3500	9.6	7500-10000	4000			
BFXG40H	4000	12.5	8000-11000	4200			

Emission standards:



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