



Burnovate Energy Systems Pvt. Ltd.

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

Non-Carbon Fuel Burner Details

Model	Heat output Range (kW)	Air supply motor rating (HP)	Fuel	Injection system	Power supply (Phase)
BSNC5T	10 - 50	0.25	• Hydrogen	• Direct • Pilot	1 Ph
BSNC1H	20 - 100	0.5			1 Ph
BSNC2H	60 - 200	1.0			1 Ph
BSNC5H	100 - 500	1.0			3 Ph
BSNC7H	150 - 700	2.0			3 Ph
BSNC10H	250 - 1000	2.0			3 Ph
BSNC15H	400 - 1500	3.0			3 Ph
BSNC20H	600 - 2000	3.0			3 Ph
BSNC50H	1000 - 5000	7.0			3 Ph

Emission standards: As per the BS standards

The burner is engineered to operate within modern low-emission requirements, ensuring reduced NO_x, CO, and unburnt hydrocarbons through optimized air-fuel mixing and stable swirl combustion. Emission performance complies with applicable CPCB guidelines and aligns with international clean-air standards, depending on fuel quality and operating conditions.



+91 89420 56450



pavanis@burnovatenergy.com
info@burnovatenergy.com

Burnovate Energy Systems Private Limited