



Burnovate Energy Systems Pvt. Ltd.

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Spherical Constant Volume Combustion Chamber Details

Model	Internal dia (cm)	Fuel	Pressure rating (bar)	Ignition system
BSSCV10	10	<ul style="list-style-type: none">• Ammonia• Hydrogen• LPG• Natural Gas• Syngas• Pre-evaporated liquid fuels	1 - 120	<ul style="list-style-type: none">• Spark• Laser
BSSCV15	15			
BSSCV20	20			
BSSCV25	25			
BSSCV30	30			
BSSCV35	35			
BSSCV40	40			

Emission 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.

Note: Please contact us if any custom made Spherical Constant Volume Combustion Chamber is required for your experimentation



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Burnovate Energy Systems Private Limited