Burnovate Energy Systems Pvt. Ltd.

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

Cylindrical Constant Volume Combustion Chamber Details

Model	Chamber volume (L)	Internal dia (mm)	Chamber height (mm)	Pressure rating (bar)	Fuel	Ignition system
BSCCV5	0.5	60 - 120	70 - 200	10 - 120	• Ammonia • Hydrogen • LPG • Natural Gas • Syngas • Pre-evaporated Liquid fuels	• Spark • Laser
BSCCV10	1					
BSCCV20	2					
BSCCV30	3					
BSCCV40	4					
BSCCV50	5					
BSCCV60	6					
BSCCV70	7					
BSCCV80	8					
BSCCV90	9					
BSCCV100	10					

Emission standards:

The burner is engineered to operate within modern low-emission requirements, ensuring reduced NOx, 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