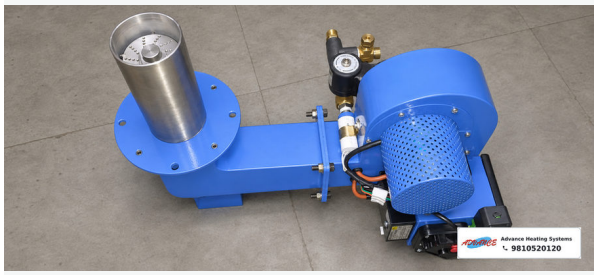
INDUSTRIAL BURNERS

Industrial CNG Burner

Automatic burners and gas trains for ovens and furnaces running on compressed natural gas (CNG).



TEMPERATURE
Supplies heat for processes up to about 1,200°C

HEATING
Gas (CNG); re-tunable to PNG

INDUSTRIES
Aluminium, welding electrodes, powder coating, heat treatment

Specifications

Fuel	CNG (compressed natural gas) after site pressure reduction
Types	self-proportional and mono-block
Capacity	sized to heat load in kcal/hr
Sequence	pre-purge, auto ignition, flame supervision, lockout on flame failure
Flame control	on/off or high/low on bigger burners
Gas train	filter, regulator, double solenoid valves, pressure switches
Controls	burner sequence controller with alarm
Migration	re-tuning to PNG when pipeline supply arrives

Features

- Burner management matched to CNG supply
- Double safety shut-off valves
- Flame-failure lockout and alarm
- High/low flame on larger burners
- Easy later switch to PNG
- Fitted to AHS and other makes of equipment

Applications

- Firing annealing ovens on CNG supply
- Heating electrode baking ovens
- Firing curing and powder coating ovens
- Firing hot air generators and dryers
- Firing melting furnaces at sites without PNG