

# Flameless Gas Catalytic Radiation Oven



#### What is Flameless Gas Catalytic Emitter?





- Gas Radiation Oven
- Complete Powder Curing possible within 4-6 minutes on flat and cylindrical parts.
- 1.5 minutes Preheating zone can cut down the convection oven length drastically. Post curing only 8-9 minutes.
- 4-6 minutes for Paint curing compared to 20-30 minutes.
- Huge fuel and power savings.



#### How does it work?

Oxidation

Gas + Oxygen + Catalyst

Infra

Red energy + CO<sub>2</sub> +
Water Vapor + traces
CO and Nitrogen Oxide





## POWDER CURING



#### PAINT CURING







Drying Poly-Urethane paint on Bus Body

### PREHEAT FOR OVEN





# DRYING PAINT ON RAILWAY <u></u> WAGONS/COACHES



