



**48<sup>+</sup> Years**  
*Of experience*

# GAS COMBUSTION



In Association with SVCH-Technologii, Moscow (Russia)

ISO 9001:2015 | ISO 14001:2015 | ISO 45001:2018

# ABOUT US

KERONE is now renowned for serving the specialized needs of customers with the best quality and economical process of application engineering solutions and industrial heating products manufactured in a high-quality environment by a trained and qualified workforce (special purpose machinery)



KERONE is a pioneer in application and implementation engineering with its vast experience and team of professionals.



KERONE is devoted to serve the industry to optimize its operations both economically and environmentally with its specialized process engineering solutions.



KERONE is having immense expertise in manufacturing and implementing various types of engineering solutions.



KERONE is possessing employee strength of more than 280+ experts continuously putting efforts for happy industrial engineering solutions



48+ Years Manufacturing Excellence



Great Sale Support



Highly Customized Product



Adherence to Standards



Sound Infrastructure



Team of experts Delivering Quality



Timely Delivery



Cost Effective Solutions



# WHY CHOOSE US

"Choose Kerone for innovative solutions tailored to your unique product needs, ensuring efficiency, reliability, and unmatched quality."

With decades of expertise, cutting-edge technology, and a customer-centric approach, Kerone Engineering offers tailor-made Applications Engineering solutions that prioritize quality, flexibility, and cost-effectiveness. Benefit from our commitment to excellence, post-sales support, and innovative solutions for your unique Applications Engineering needs. Choose Kerone Engineering for reliability, performance, and unmatched value.

## MISSION



To enhance the value of customer operation through our customer need centric engineering solution.



We are committed to providing our customers with unique and best-in-class products in the industrial thermal processing segments. Through strategic tie-ups for technical know-how with renowned leaders in industry-specific segments, we ensure that our offerings meet the highest standards of quality and innovation.

## VISION



Turn into a world leader in providing specialized, top-notch quality and ecological industrial heating, cooling, and drying solutions across the globe.



To attain global recognition as the best of quality and environment-friendly engineering solution company.



Enhance the value of customer operation through our customer need centric engineering solution.



# TRUSTED PARTNERS





## Gas Combustion

Gas Combustion is one of the essential processes utilized in diverse industrial situations involving burning of natural gas or gaseous fuel with a purpose to generate heat or run motor machines. The burning of specialized burners' gases produces an amount of heat in a controlled manner. The design of gas combustion system aims at maximizing efficiency and lowering wastage as well as pollutants' emission. Such units typically comprise of modern technologies for flame detection and management in order to deliver secure and dependable functionalities.

### Construction of MFB Burner:

A thin perforated sheet supports the burner as the cloth does not have strength of its own. There is equal distribution of premix as it is fully welded with diverters inside and the housing is made up of SS304. The housing comes with or without collar. The gas can be made to enter from the back or its side. The height will increase in case of side entry of the gas. MFB Cloth 100 is used for blue applications for its low density – 1.5 KG/m<sup>2</sup>.

### Features

- Ignition
- Flame Characteristics
- Air-Fuel Ratio
- Burner Design
- Safety Features
- Temperature Control

- Emissions Control
- Efficiency
- Burner Modulation
- Fuel Types

### Advantages

- Cleaner Burning
- High Energy Efficiency
- Quick Start and Stop
- Lower Greenhouse Gas Emissions
- Reliable Supply
- Lower Maintenance Costs
- Reduced Transmission Losses
- Readily Available Infrastructure

### Application

- Residential Heating
- Commercial Heating
- Industrial Heating
- Power Generation
- Cooking and Food Processing
- Water Heating
- Automotive Engines
- Boilers and Steam Generation
- Waste Incineration
- Laboratory Applications

# OUR CLIENTS









# THANK YOU

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