



# PLASTIC ANNEALING OVENS

Environment Friendly Engineering Solution Company



In Association with SVCH-Technologii, Moscow (Russia)

[www.kerone.com](http://www.kerone.com)

ISO 9001:2015 | ISO 14001:2015 | EMS 14001 | OHSAS 18001:2007

# About Kerone

KERONE now renowned name in serving specialized need of customers with best quality and economical process Heating /cooling and drying products, manufactured in high quality environment by well trained and qualified workforce(special purpose machineries) .

KERONE is pioneer in application and implementation engineering with its vast experience and team of professionals. KERONE is devoted to serve the industry to optimize their operations both economically and environmentally with its specialized heating and drying solutions.

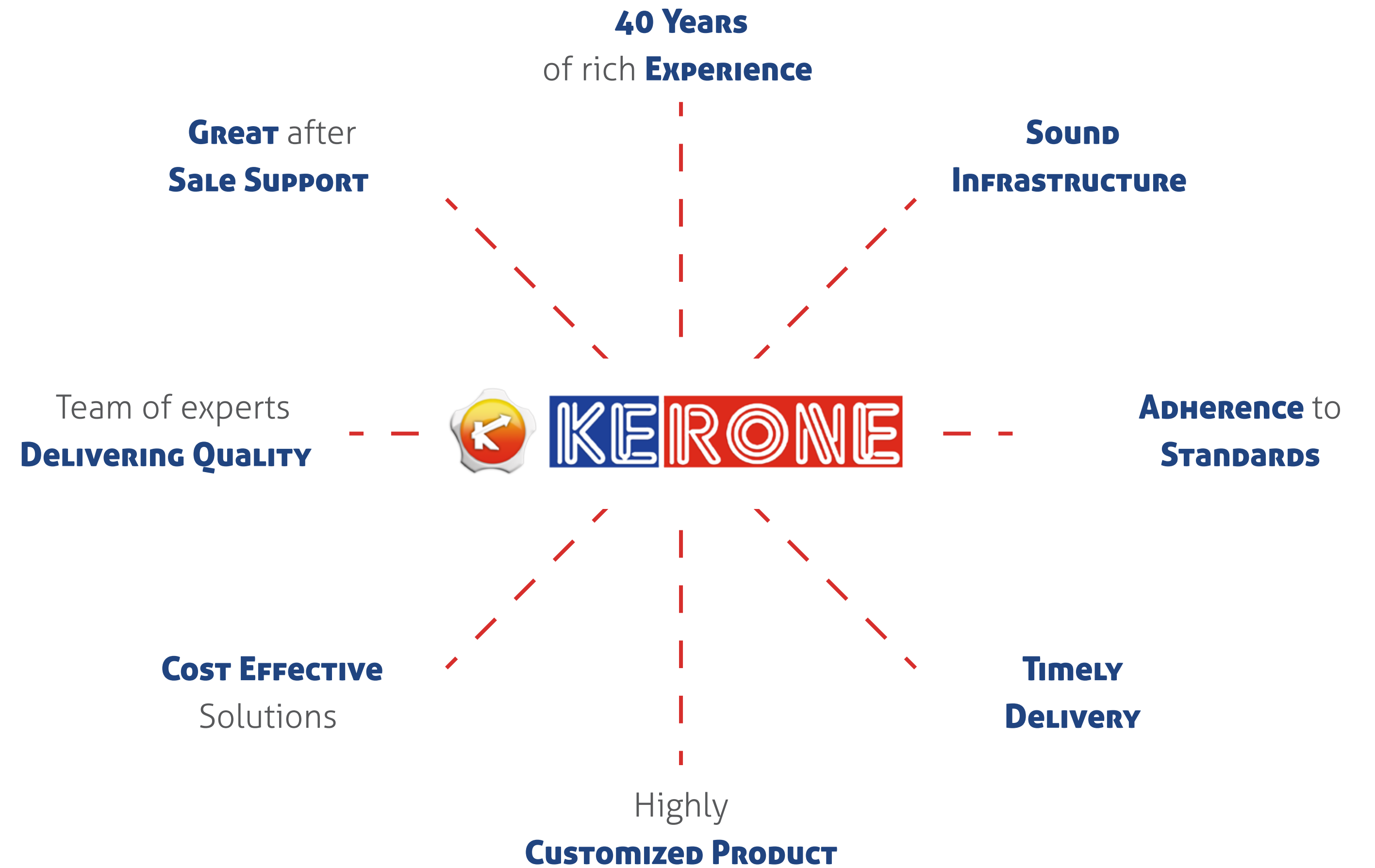
*“Enhance the value of customer operation through our customer need centric engineering solution”*

## *Mission*

- To enhance the value of customer operation through our customer need centric engineering solution.
- We are committed to provide our customers, unique and best in class products in Industrial heating, drying and cooling segment, with strategic tie-up for the technical know-how with renowned leader in the industry specific segment.

## *Vision*

- Turn into world leader in providing specialized, top-notch quality and ecological industrial heating, cooling and drying solution across the globe.
- To attain global recognition as best of quality and environment friendly engineering solution company.





## Introduction to Plastic Annealing Ovens

Annealing is Process to heating plastic to particular temperature where it soften and becomes free flow, Placed in mold for taking shape, later slowly cooling down.

Plastic annealing process helps in reducing the stress with in plastic and makes it more rugged, better finished product, suitable for the high strength applications

At KERONE we design, Manufacture, supply and install plastic annealing heating system that heats the plastic at specified rate till it achieves uniform Annealing temperature through entire surface of plastic material, once the annealing temperature is achieved plastic annealing heater maintains the annealing temperature for specified time duration based on the type of plastic under process, later cooling down the plastic at fixed to achieve to achieve the ambient temperature.



[kerone/plastic-annealing-oven](http://kerone.com/plastic-annealing-oven)

[www.kerone.com/plastic-annealing-oven.php](http://www.kerone.com/plastic-annealing-oven.php)

## Batch Type Plastic Annealing Heater

Batch Plastic annealing heaters are the most common for the annealing. It has door for opening and closing for the purpose of loading and unloading the racks and then heated at controlled rate of heat transfer.

Batch plastics annealing heaters also comes in multi stack arrangement for loading multiple trays. The main limitation of these heaters is that they are non-continuous process and a longer annealing operation due to the restricted air flow.

## Conveyorized Plastic Annealing heaters

Conveyorized Plastic Annealing heaters is a continuous annealing process in which the plastic parts are placed on the conveyor belt that is moving inside long tube like oven structure which is having proper heating arrangement based on the client requirement.

The annealing process with conveyorised plastic annealing heating arrangement becomes much faster than that of a batch oven. Additionally the continuous character of the technique is more suitable for the industrial implementation.

## Infrared Plastic Annealing Heater

Infrared plastic annealing heater is a continuous oven arrangement as name suggests it utilizes Infrared as source of heating. The plastic parts are heated by the energy transmitted by infrared radiation, hence the total process becomes faster.

# Trusted Partner





# Our Clients



Kerone Engineering Solutions Limited

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