



RADIO FREQUENCY HEATING DRYER

Environment Friendly Engineering Solution Company



In Association with SVCH-Technologii, Moscow (Russia)

www.kerone.com

ISO 9001-2008 | ISO 9001-2015 | EMS 14001 | OHSAS 18001

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.

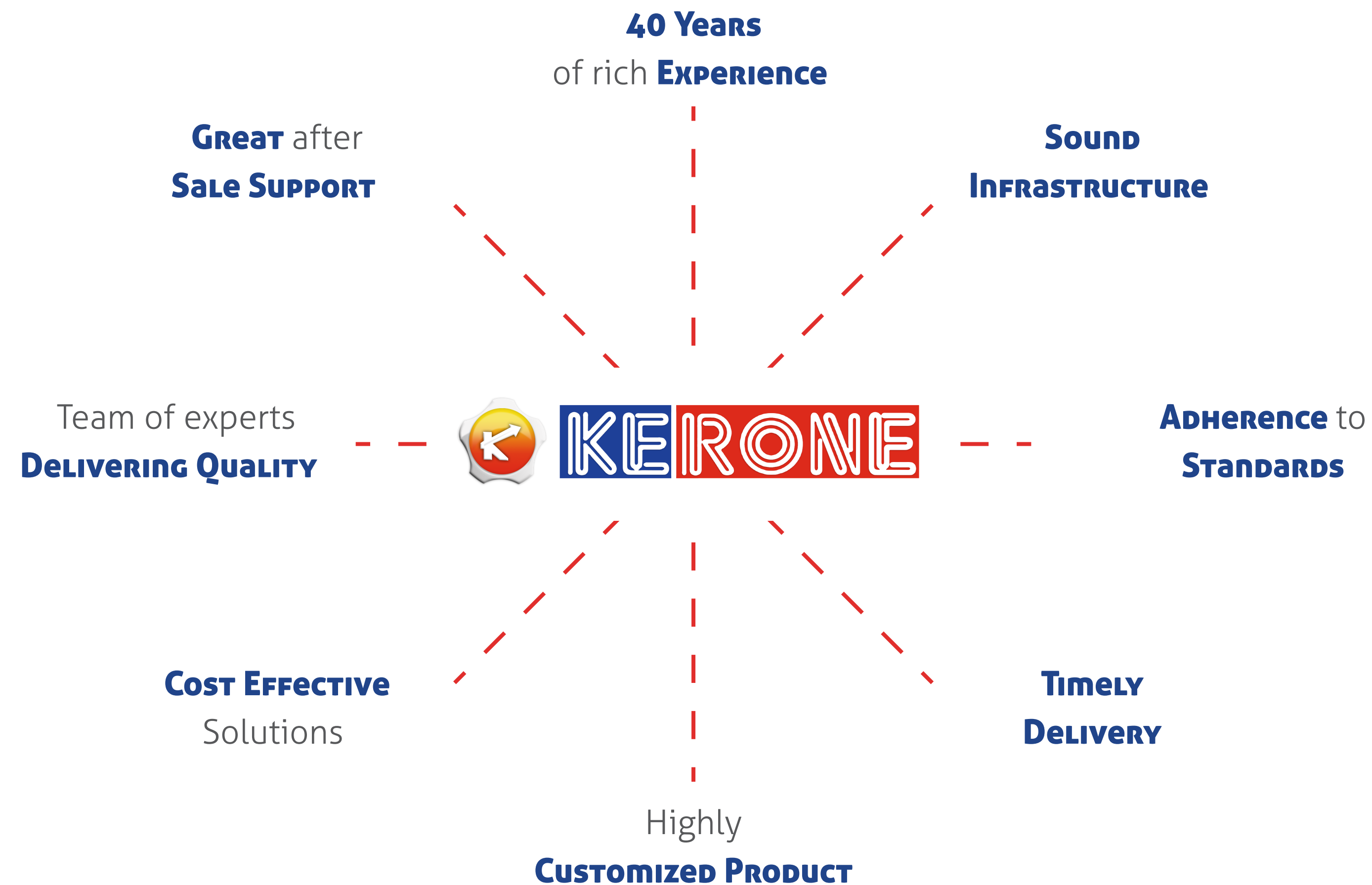
“Enhance the value of customer operation through our customer need centric engineering solution”

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 Radio Frequency Heating Dryer

In radio frequency (RF) industrial dryer material to be dried is placed under the RF generator producing the high frequency alternating fields between its two electrodes.

This alternating fields causes the polar movement in water molecules this results in friction with in the material water molecules, this friction causes the heating within the material.

If sufficient amount of energy is applied it converts the water/ solvent in to steam and evaporate from the material results in drying of material.

Kerone is holding vast experience in designing, manufacturing and installation of customized Radio frequency (RF) industrial dryers for various industrial applications based on the need and suitability of client's process requirements.

The radio frequency (RF) dryers manufactured in Kerone are strictly **follow the defined international standards**.

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Features

- Drying water-based inks.Designed to handle wide range of Products.
- Drying water-based inks.PLC control with fault identification.
- Drying water-based inks.Low Maintenance.
- Drying water-based inks.Superior quality processed product at highest rate of production.
- Drying water-based inks.Flexible, accurate and effective at low rates of energy utilization.
- Drying water-based inks.Meets appropriate regulations all through the world.

Application

- | | |
|-----------------------------------|--|
| • Drying of wood pulp. | • Drying of inks and adhesives. |
| • Drying of meal, flour, beans. | • Drying and moisture from webs, sheets, & boards. |
| • Drying of textile yarns. | • Drying and moisture from bulk materials. |
| • Drying of ceramic. | • Drying of fiberglass yarn. |
| • Drying of water-based coatings. | |
| • Drying water-based inks. | |

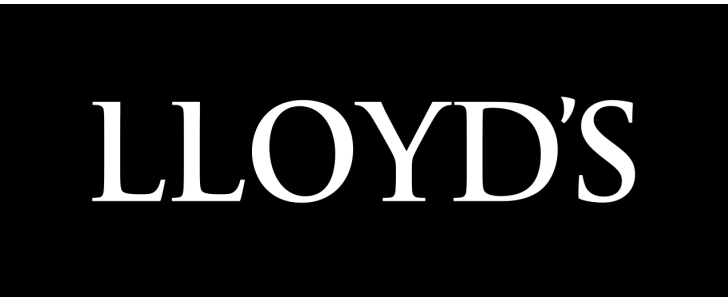
Advantage

- Radio Frequency heats items straightforwardly and through the thickness of the item. This results in quicker drying.
- Radio Frequency heats from inner surface material and not much constraint with its conducting ability.
- No overheating of material under process
- Distinctive materials heat at diverse rates so it is conceivable to high temperature one and only piece of a composite material or to dry a covering without warming the substrate. This enhances item quality by not heating touchy materials.
- Spontaneous ON/OFF control
- Environmental friendly and very clean process.
- Selective heating can be achieved as the heating happens from within.
- Radio Frequency Heater/Dryers save operational cost by saving time, energy and increased controlled heating
- Uniform heating at the desired speed
- Uniform level of moisture in output material as the wetter areas observes the more RF energy and results in more evaporation.
- The load may be supported by electrodes or conveyed under or between them. Self-supporting webs or strands need not touch anything, thus avoiding surface marking and contamination.

3D View



Trusted Partner



Our Clients



UNIT I

B/10, Marudhar Industrial Estate, Goddev Fatak road, Bhayander(E), Mumbai-401105

Phone : +91-22-28150612/13/14

EMAIL

info@kerone.com | sales@kerone.com
marketing@kerone.com

UNIT II

Plot No. B-47, Addl. MIDC Anandnagar, Ambarnath (East), Dist. Thane- 421506

Phone : +91-251-2620542/43/44/45/46

WEBSITE

www.kerone.com | www.kerone.net
www.keroneindia.com