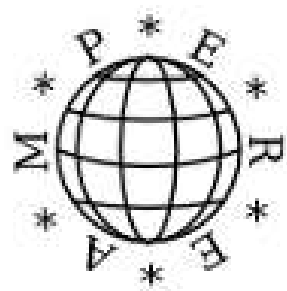


RADIO FREQUENCY HEATING DRYER

Environment Friendly Engineering Solution Company



KERONE
Kerone Engineering Solutions Limited



48 Year
Of experience

In Association with SVCH-Technologii, Moscow (Russia)

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



ABOUT KERONE

- ◆ KERONE is now renowned for serving the specialized needs of customers with the best quality and economical process of Heating /cooling and drying 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 heating and drying solutions.
- ◆ KERONE has reported annual revenue of \$18 to \$20 Million , increasing year-on-year.
- ◆ KERONE is possessing employee strength of more than 280+ experts continuously putting efforts for happy industrial engineering solutions
- ◆ KERONE is having immense expertise in manufacturing and implementing various types of engineering solutions.
- ◆ KERONE is possessing experience of 48+ years in engineering excellence.



**48 Years
Manufacturing Excellence**



**Great Sale
Support**



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 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.



VALUE PROPOSITION



Highly
Customized Product



Adherence to
Standards



Sound
Infrastructure



Team of experts
Delivering Quality



Timely
Delivery



Cost Effective
Solutions



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.





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

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 50 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 operation 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 observe 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.



TRUSTED PARTNERS

AFCONS

Technip



TATA
TATA CONSULTING ENGINEERS LIMITED

SC Shroff Consultants



ZEPPELIN
WE CREATE SOLUTIONS



LLOYD'S

Reliance
Engineering
Associates Pvt. Ltd.

STERLING & WILSON



OUR CLIENTS









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