



# HOT WATER SYSTEM

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.

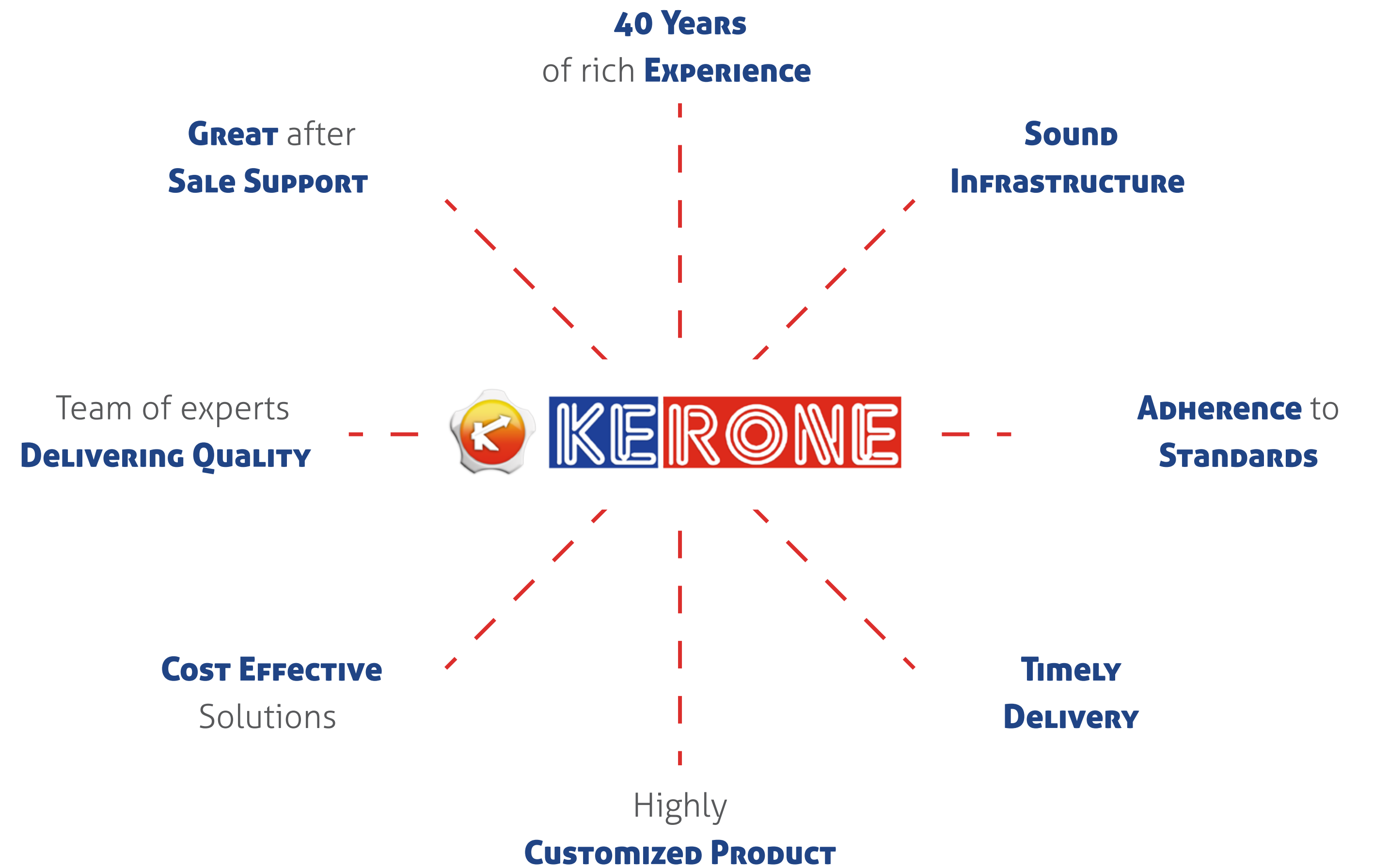
**“Enhance the value of customer operation through our customer need centric engineering solution”**

## ***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 Hot Water System

Hot Water Systems are engineered to provide accurate, reliable and cost effective temperature control for process load. The Hot Water System is available for use with plant steam or electricity as the heat source. Both steam and electric units come in single and dual zone configurations.

Kerone also designs and manufactures specialized equipment for non-standard applications. Our engineers have extensive experience in process chilling and heating applications for such industries as Chemicals, Petroleum, Plastics, Rubber, Paper, Power, Steel, Food And Pharmaceuticals.

Type Of Hot Water System:

- **Direct steam heating**
- **Indirect steam heating**  
(Using PHE or Shell and Tube condenser).
- **Electrical Heating**

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# Features

- Compact and Complete Package Solution
- Optimum design for the major component of the system – Heat Exchangers
- Made to order solutions to meet all process requirements
- Factory assembled skid for ease of installation
- Unmatched heating control for consistent and desired temperatures
- Hassle free condensate removal and recovery with no energy losses
- Standard units supplied with PID controllers. Special control packages available with PLC systems.

# General Specifications

- System Design Pressure – 4 to 5 Kg/cm<sup>2</sup>.
- Max. Steam Pressure - 2 to 3 Kg/cm<sup>2</sup>.
- Max. Cooling Water pressure-2 to 3 Kg/cm<sup>2</sup>.
- Max. Operating temperature – 90°C
- Sizing can vary per application

# Advantage

- Each Hot Water System is designed to maximize the productivity of the process.
- KERONE quality and reliability provide excellent value for investment.
- Reliable temperature control improves process consistency, reduces scrap, speeds start-up and increases production rates.
- Instantaneously available when you need for fluctuating process loads and urgent demands.
- Ensures accurate temperatures for hot water required for the most heat sensitive processes.
- System designed with heat exchangers with very high heat transfer rates and efficiency.
- Swift & easy installation.
- Single point connections for all utilities
- All units are factory tested prior to shipment

# 3D View



## Trusted Partner





# Our Clients





Kerone Engineering Solutions Limited

## UNIT I

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### WEBSITE

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