



HOT WATER HEATING SYSTEM

48⁺ Years
Of experience



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





Hot Water Heating System

A hot water heating system is designed to store heat energy in water and transfer it to the location where it is needed. This system primarily consists of water-heating or -cooling mechanisms and high-temperature radiating devices such as radiators, convectors, baseboard radiators, or panel coils. These components work together to distribute warmth throughout a building. The piping system connects the heat source to the various heat-radiating units and includes a method for circulating the water or other medium. Additionally, an expansion tank is included to accommodate the excess volume of water as it heats and expands.

In a single-pipe system, the radiation units are arranged in a one-pipe loop, which is typically suitable only for small installations due to its limited capacity. Conversely, a two-pipe system connects the radiation units with separate supply and return mains, which can run in parallel or, preferably, in a reverse return loop. This setup has no size limitations and can accommodate larger installations. Circulation in either system type can be achieved through gravity or a pump, ensuring efficient heat distribution regardless of the system's scale.

Three main consideration need to be considers while outlining the Hot water tank

Ignition

It ought to be composed such a route, to the point that the framework must use the high temperature generator fuel totally.

High temperature Transfer

The outline must permit greatest created hotness to move in Water.

Heat Retention

System must save however much high temperature as could be expected.

Features

- Connects heat source to radiating units
- Utilizes gravity or a pump for water circulation
- Accommodates the excess volume of heated, expanding water
- Transfers stored heat to desired locations
- Optimum heat transfer hence high thermal efficiency
- Suitable for larger installations, with separate supply and return mains
- Suitable for small installations, with radiation units in a one-pipe loop

Advantages

- Provides even and consistent heating throughout a building
- Compatible with various high-temperature radiating units like radiators, convectors, and baseboard radiators
- Heat energy is stored in water, making it available as needed
- Provides a comfortable and controlled heating environment

Application

- Residential Buildings
- Industrial Facilities
- Healthcare Facilities
- Hospitality Industry
- Laundry services
- Rubber industries
- Printed Circuit Board Manufacturing

OUR CLIENTS









THANK YOU

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