



SKID MOUNTED REACTION UNIT

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





Skid Mounted Reaction Unit

At KERONE, we bring over 48+ years of expertise in designing and manufacturing specialized industrial heating, cooling, and drying solutions tailored to the unique processing needs of our clients. Our extensive experience spans various industries, ensuring that we deliver high-quality, customized solutions.

One of our core competencies lies in the design and manufacture of skid-mounted reaction units, which are perfectly suited for diverse industrial processing requirements. These units are particularly essential in sectors where the production of expensive and high-grade products is necessary but not in large quantities, such as the pharmaceutical industry and fine/specialty chemical sectors.

Our skid-mounted reaction units offer unparalleled flexibility and efficiency, making them ideal for small-scale production facilities. These units are designed to be easily cleaned and swiftly adapted for new products, ensuring minimal downtime and maximum productivity. Additionally, we utilize corrosion-resistant materials to prevent any interaction with or contamination of the products, thereby maintaining the highest standards of quality and safety.

Whether you need a bespoke heating solution or a comprehensive system for complex processing needs, KERONE's skid-mounted reaction units provide the reliability and adaptability required to meet the stringent demands of high-value, specialized product manufacturing. Trust in our decades of experience to deliver solutions that enhance your operational efficiency and product quality.

Features

- Reflux – Forced / Gravity whichever is suitable
- Main & Vent condenser with product cooler
- Rotameters, Temp. sensors with scanner, Pressure / Vacuum Gauges
- Distillate & reflux lines within skid
- Vacuum manifold & vacuum lines within skid
- All valves within skid for process, vacuum & utility lines
- VFD with Local flameproof panel for speed variation.
- Reactor base lowering system with either hydraulic or manual operation.
- Reactor of respective size with Mechanical seal, suitable agitator, Motor, Gear Box, Bottom valve & Cladded insulation.

Application

- Food and Beverage Industry
- Oil and Gas Industry
- Chemical Processing
- Power Generation
- Renewable Energy
- Petrochemical Industry
- Water and Wastewater Treatment

Advantages

- Cost Savings
- Standardization
- Quality Control
- Quick Deployment
- Ease of Transportation
- Minimized Site Disruption
- Flexibility and Scalability
- Reduced Installation Time
- Remote Monitoring and Control
- Compliance with Standards
- Integration of Multiple Processes

Instrumentation Provided

- Temperature scanner for the temperatures of Vapor, Utility Inlet & Outlet.
- Pressure control loop with Pressure transmitter & Pressure controller in flameproof construction.
- VFD with local flameproof panel to operate remotely.
- Temperature Control loop with control valve on utility side & profile temperature controller in flameproof construction.
- Compound gauges on reactor, receivers, vacuum manifold.
- SCADA system to monitor & record the data

Technical specifications

Temperature -90 to + 300 Deg. C.

Distillation Capacity – 10 L to 500 L

Operating RPM of Agitator 0 -300 RPM

Design up to 10 kg/cm² Pressure to Full vacuum

MOC – SS-304, SS-316, Or any other user specific requirement

Agitator can be easily changed with atleast 9-10 types of agitators

OUR CLIENTS









THANK YOU

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