



VIKRANT
HEAT EXCHANGERS PVT. LTD.

Vikrant Heat Exchangers Pvt. Ltd.

The Best Heat Transfer Solution Provider

ISO Certified Company

28
YEARS OF SUCCESS



www.vikrantheatexchangers.com

ESTABLISHED IN 1994

Heat Transfer Specialist

"Vikrant Heat Exchangers Pvt. Ltd.

Where experience and expertise go hand-in-hand to empower growth to create infinite possibilities in heavy engineering."

Vikrant Heat Exchangers Pvt. Ltd. (VHEPL), established in 1994 is an ISO 9001: 2015 Certified Company. VHEPL was established with the chief intent to cater different industrial sectors through our quality products and timely services. We design and manufacture most reliable and wide range of Heat Exchangers with a vision to provide Heat Transfer Solution to everyone and everywhere. Today, we are one of India's leading manufacturer of Heat Exchangers supplying not just within the country, but across the globe.



“ We Don't Just Sell, We Build Long-Term Business Partnership



Doing Our Part Is Solving Your Heat Transfer Need



Customer Satisfaction

Vikrant Heat Exchangers Pvt. Ltd. is committed to maximum customer satisfaction by providing consistent, reliable, latest technological and cost effective product. It will be our endeavour to meet & exceed customer expectation.



Advanced

As a company of immense repute among its clientele and with a diverse global footprint, the brand VHEPL is synonymous with reliability and quick turnaround time along with a reputation to deliver products with the highest quality standards.



Technology and Robust Design Customer Satisfaction Advantage

VHEPL is having in house facility of design & engineering with international design codes, standards, software's, tools and competent experience team of engineers. As well as our products are always equipped with the latest technology and designs to make sure our customers get the world class quality products.

Our Vision & Mission

Our Mission

- To invest in eco-friendly systems and provide a safe and healthy work environment for our employees.
- To become one of the leading engineering companies in the world with a foundation built on quality, safety, innovation and cost competitiveness.
- Foster team bonding and encourage employees to embrace new ideas.
- To establish a culture of innovation, self-motivation and ownership towards work.
- To provide cost-effective and quality solutions for our clients.
- To strive to achieve better standards of quality and excellence in any ecosystem.

Our Vision

- To be a world-class leader in our business and achieve global standards through quality and innovation.
- To build value for all clients, innovation and service. Be recognized as a pioneer in heat transfer solutions & precision engineering products for critical applications in Industries like Oil & Gas, Petrochemicals, Fertilizers, Pharmaceutical, Chemicals, Power, Food Processing, Beverage Industry, Ships & Marine, Mining, Cryogenics, Paper & Pulp, Water waste treatment plant, Iron & Steel, Sugar Factories and Distilleries.



Get A Solution For All Industries



28+
Years of Experience



10000+
Installations



60000+
Sq. Ft. Factory Spread



100+
Tonnes Weight



25+
Country Export



450+
Bar Pressure



800+
°C Temperature



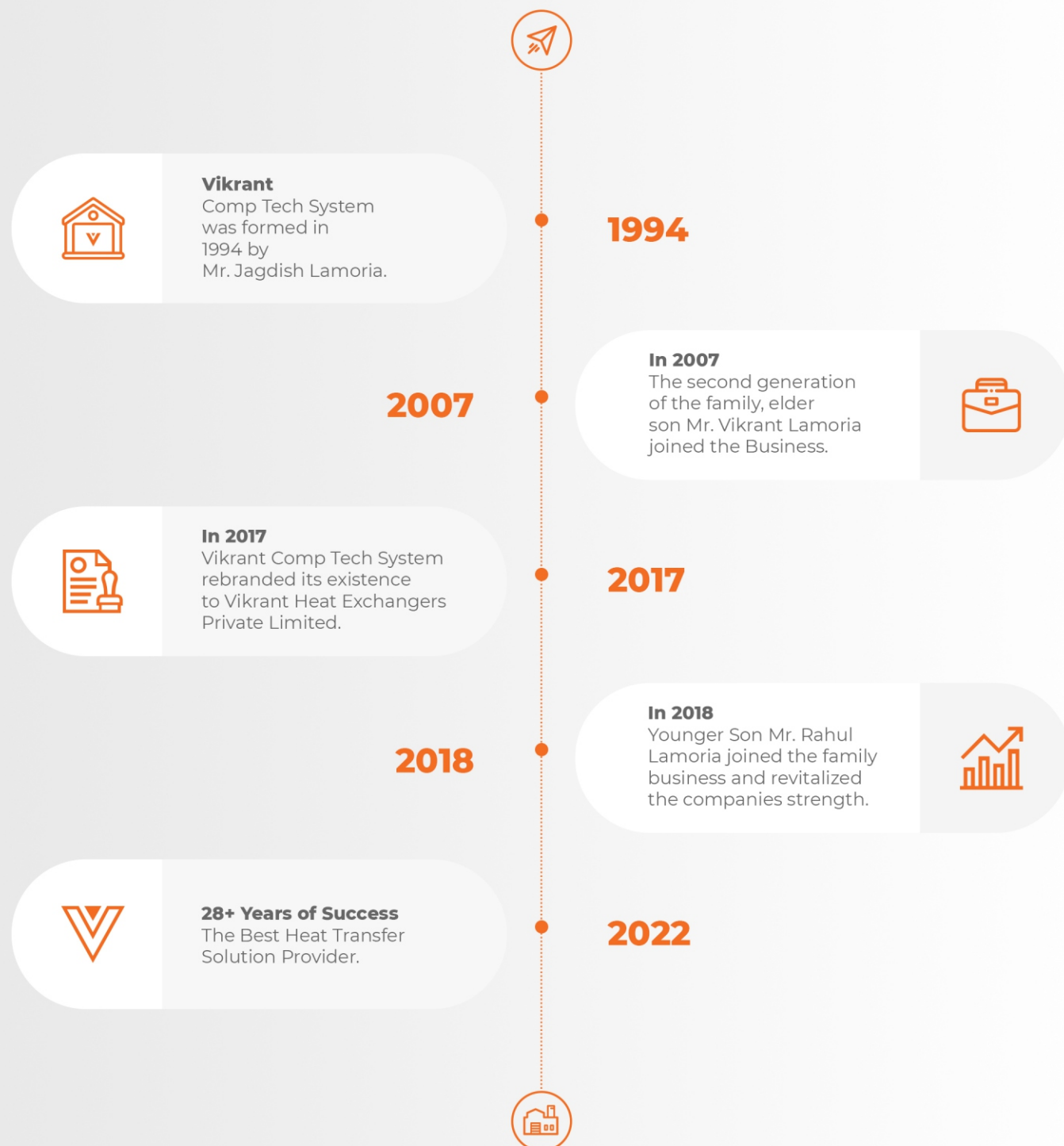
15+
Meter Length

CERTIFICATES



Vikrant Heat Exchangers Pvt. Ltd

was established in the year 1994. Ever since its inception, it has been steadily growing and now it is one of the most Preferred Vendor for the supply of Process Equipments, mainly Shell and Tube Heat Exchangers.



We have worked with great people.

As a company of immense repute among its clientele and with a diverse global footprint, the brand VHEPL is synonymous with reliability and quick turnaround time along with a reputation to deliver products with the highest quality standards.

A Diversified Global Footprint

Vikrant Heat Exchangers Pvt. Ltd. Has Designed and Manufactured Shell and Tube Heat Exchangers and Pressure Vessel for Customers Across the Globe.



INDUSTRIES WE SERVE

We power the industry that powers the world



Nuclear Power



Thermal Power



Textiles



Compressor oem



Cement



Oil & gas



Petro-chemical



Fertilizers



Pharmaceutical



Chemical



Power



Food processing



Cryogenic



Water waste



Ships & marine



Mining



Paper & pulp



Iron & steel

Our Capabilities



Infrastructure

Main Fabrication Shop

Total Area	60,000 Sq. Ft.
Covered Fabrication Shop	25,000 Sq. Ft.
Pre-Fabrication Shop	10,000 Sq. Ft.
Machining Area	5000 Sq. Ft.
Store (Covered)	5000 Sq. Ft.
Open Yard	5000 Sq. Ft.
Storage Yard	8200 Sq. Ft.
Office	1800 Sq. Ft.

OUR CAPABILITIES

Manufacturing

Our manufacturing facility in Ahmedabad, India is spread across an area of 60,000 SQ. FT. with 1 heavy and 1 light fabrication bay.

The high-end as well as versatile nature of our facility can be testified by the fact that we can manufacture equipment ranging from 1 MT. to 100 MT.

The ingeniously designed Fabrication unit has the capability to manufacture equipment ranging up to 100 MT. with equal ease and the specifications include:

Diameter of Equipment

Up to 3 meters (Larger dimension can be evaluated in case to case basis)

Length

Up to 15 meters in single piece (Fabrication)

Tube Size

From 6mm OD to 90mm OD.



Weight

Up to 100 metric tons per equipment.

Tube Sheet Thickness

Up to 200mm THK.

Welding

At Vikrant Heat Exchangers Pvt. Ltd.

we have acquired high level of skill in the core process of welding with decades of experience. Our constant Endeavour is to get the work done by best and certified welders which provides us with a competitive edge along with highest quality.

We possess over 200 qualified welding procedures and high degree of expertise in various materials and welding processes.



Quality

Quality has always been the bedrock of success for Vikrant Heat Exchangers Pvt. Ltd..

We continuously introspect and improvise our quality processes, procedures and practices to ensure that we do it right the first time, every time. Delivering products and services that meet client requirements, on time and within budget is one of our main objective.

Every equipment that is manufactured in our facilities is a custom built with unique dimensions and applications. However, with proven procedures and rigorous discipline, attention is given to every small detail to match best standards to fabrication.

Having a systematic quality documentation procedure, our skilled and dedicated team of quality personnel carry detailed inspections through the various phases of manufacturing thereby ensuring a high quality product that meets the customer's requirements.

WE ARE CERTIFIED!



Certified ISO 9001:2015 for Quality Management Systems.



Certified ISO 14001:2015 Environment Management System.



Certified ISO 45001:2018 Occupational Health and Safety Management System.



Sourcing tested materials from reputed well established manufacturer / suppliers.



To remain abreast of changing trends in technology globally.



To continuously upgrade our own standards and benchmarks.

At VHEPL, we have the passion and commitment to see a smile on our customers face.

Logistics

Set in the vibrant city of Ahmedabad, India our facility is conveniently located close to some major national highways, ensuring smooth logistic operations by road. It also has easy access to all the major sea ports in the West of India. The Mundra and Kandla ports of Gujarat are 400 km and 350 km away, whereas the Mumbai port is at a distance of 550 km from our facility. Our dedicated logistics team further ensures the seamless movement of equipments from our unit to our client's site, any where across the world.



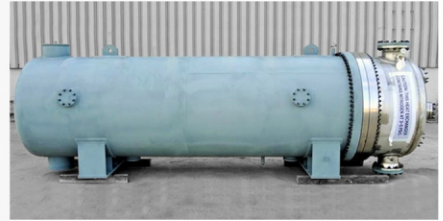
Heat Exchangers



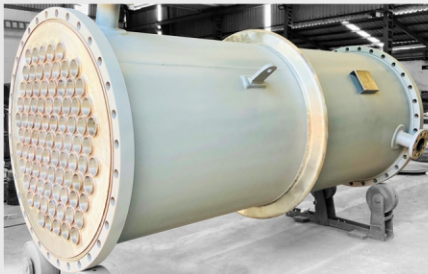
Shell & Tube Heat Exchangers



Oil Cooler



U-Tube Heat Exchangers



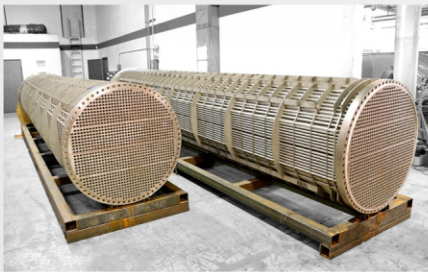
Condenser



Evaporators



Kettle Type Heat Exchanger



Tube Bundles



Air Cooled Heat Exchangers

Pressure Vessel



Pressure Vessel



Reactor Vessel



Air Receiver

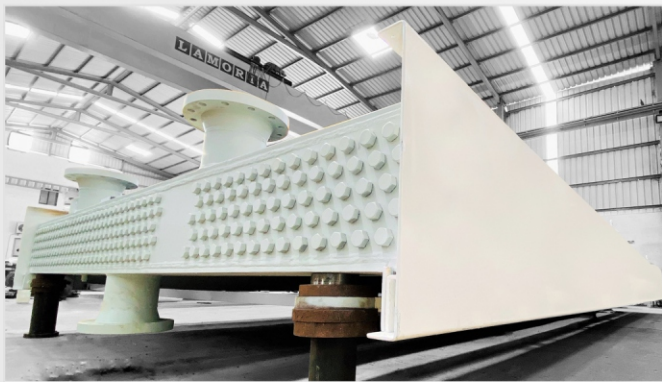
Heat Exchangers

Shell & Tube Heat Exchangers

We manufacture Shell & Tube type Heat Exchangers in a wide variety of sizes & materials. Vikrant Heat Exchangers Pvt. Ltd. is a complete facility to design (Thermal and Mechanical) and manufactures complete range of Shell and Tube Heat Exchangers for cooling, condensing and heating application.



Shell & Tube Heat Exchangers



Air Cooled Heat Exchangers

Air Cooled Heat Exchangers

Being Pioneer in Finned Tube Heat Exchanger, Vikrant Heat Exchangers Pvt. Ltd. established all required facilities like Spiral Finning Machine, Finning Press Machine, Header Welding and Drilling Facilities, Destructive and non-destructive testing facility and assembly shop at heavy handling facilities.

Oil Cooler

We are proud to introduce ourselves as one of the leading Hydraulic Oil Cooler Manufacturers from India. Hydraulic Oil Coolers are used in variety of industries for desired applications. From standard to highly specialised, these units come in a full range of sizes and materials.

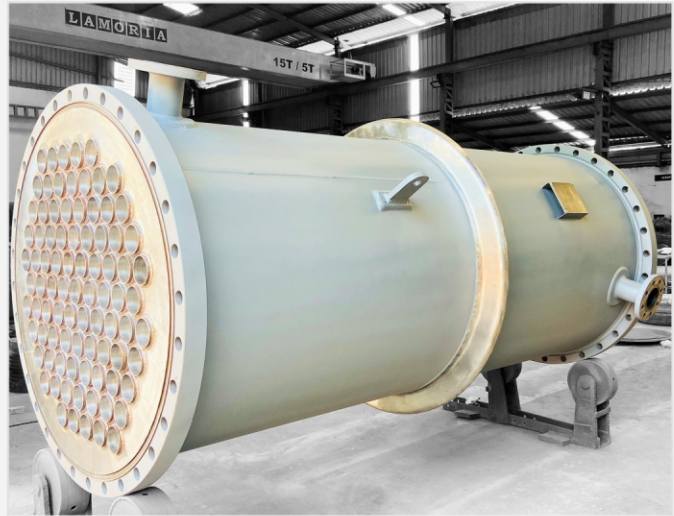


Oil Cooler

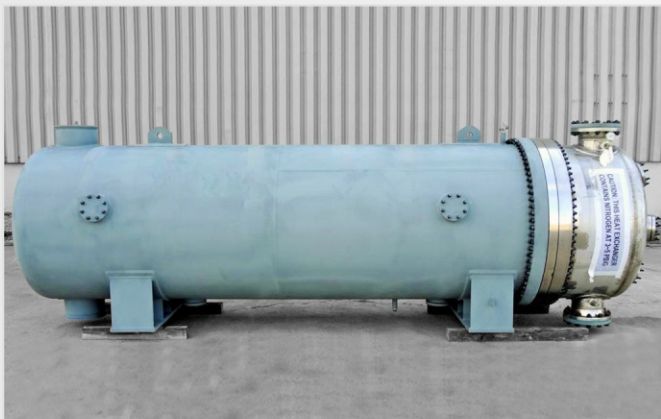
Heat Exchangers

Condenser

At Vikrant Heat Exchangers we manufacture shell and tube Condensers which are used for any brine or water cooling application with Ammonia. These Condensers are available from 12 to 48 inches in diameter with tube length to 18 feet. Multiple bonnets are designed for 2 thru 10 liquid passes to provide maximum selection flexibility. With multiple shell arrangements, Shell and Tube Condensers may be installed in any size refrigeration system. Supported by the excellent manpower in the industry of air ventilation equipment manufacturing, we proudly offer a range of highly functional Shell and Tube Condensers.



Condenser



U-Tube Heat Exchangers

U-Tube Heat Exchangers

U Tube Bundle Heat Exchangers can duplicate any existing bundle to include dimensions, materials and performance.

A heat-exchanger system consisting of a bundle of U tubes hairpin tubes surrounded by a shell. One fluid flows through the tubes, and the other fluid flows through the shell, around the tubes.

A U-Tube Heat Exchanger is the most common heat exchanger used in various industries with high pressure and high temperature.

Heat Exchangers

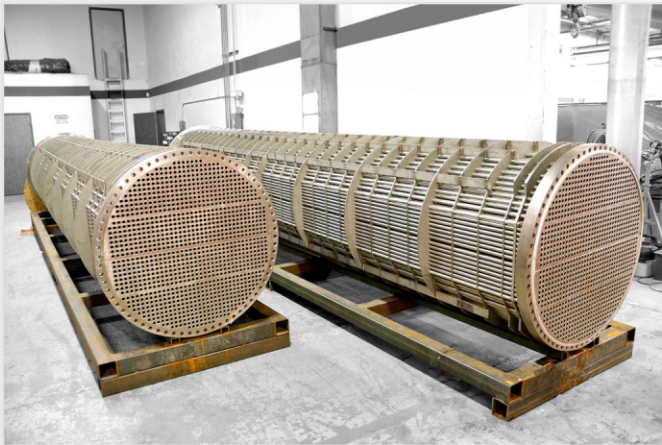
Kettle Type Heat Exchangers

Kettle Heat Exchangers are very simple and reliable. They may require pumping of the column bottoms liquid into the kettle, or there may be sufficient liquid head to deliver the liquid into the Heat Exchanger. In this Heat Exchanger type, steam flows through the tube bundle & exits as condensate. The liquid from the bottom of the tower, commonly called the bottoms, flows through the shell side.

There is a retaining wall or overflow weir separating the tube bundle from the reboiler section where the residual reboiled liquid (called the bottoms product) is withdrawn, so that the tube bundle is kept covered with liquid. Kettle reboilers are reliable in that they can handle high vaporization of up to 80 percent and are easy to maintain. The liquid from the bottom of the tower flows through the tube bundle and exits as condensate. A restraining device (baffle) controls the liquid level over the bundle.



Kettle Type Heat Exchanger



Tube Bundles

Tube Bundles

We have been manufacturing direct replacement and new application tube bundles for Shell & Tube Heat Exchangers. We can manufacture Tube Bundle to include dimensions, materials and performance.

Our Expertise in:

- > "U" tube bundles
- > Straight tube Bundles
- > "Floating" tubesheet bundles
- > Re-tube fixed tubesheet heat exchangers

Vikrant Heat Exchangers Pvt. Ltd. has a very strong inventory system through which we always have stock of tubes and other raw materials, which helps us in manufacturing and supplying tube bundles in emergency conditions.

Heat Exchangers

Evaporators

Evaporators are specially designed for heat-sensitive materials. That's the reason due to which evaporators are highly used in chemical industries, petrochemicals, fertilizers, polymer industries, and the industry producing low viscous products. It is highly preferred where organic compound is with water and release large amounts of foul while processing. It acted as a unique type of heat exchanger. Heating media is placed on the shell side. Its circulation loop is well fitted with the high flow circulation pump.



Evaporators

Evaporators are highly used for mixtures which have commonly low viscosity and produces a very little amount of odor during the treatment. The Evaporators work on the factor of usage of vacuum and short residence time duration.

Vikrant Heat Exchangers Pvt. Ltd. manufactures equipment to give excellent output for all dilute streams. We have highly skilled engineers who are capable of building designs based on the falling film evaporator design calculation.

Main features of evaporator

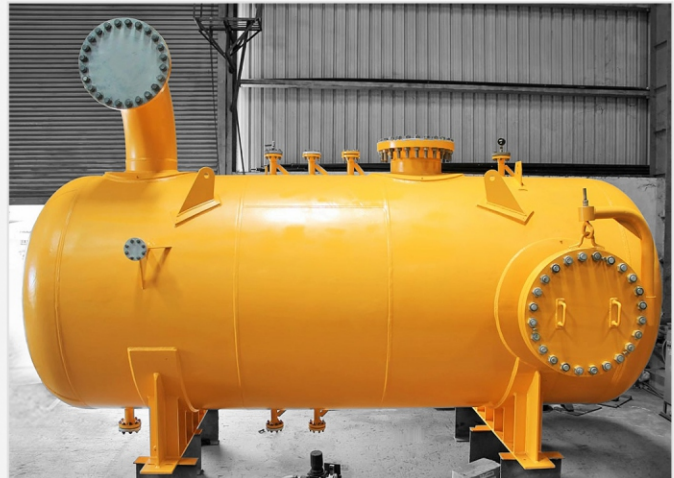
- Cost-Effective
- Ideal For Simple Processing
- Constant Operation
- Good For Medium Heat-sensitive Materials
- Can Work Under Vacuum
- Steam Economy

Pressure Vessels

Pressure Vessel

Pressure Vessels are closed containers designed to hold gases or liquids at a pressure different from the ambient pressure.

We are very well equipped to supply a wide range of pressure vessels and Air Receivers for varied operations in various units of oil & gas, petrochemical, fertilizers and chemical industries. Our offering includes clad vessels, vessels with high thicknesses and high pressure as well as pressure vessels in special metallurgies.



Pressure Vessel



Reactor Vessel

Reactor Vessel

Features

- > High quality
- > Durable
- > Reliable
- > Strong Construction
- > Superior Functionality
- > Corrosion Resistance
- > High Durability Easy Installation

Vikrant Heat Exchangers Pvt. Ltd. is completely devoted towards offering high quality Reactor Vessels. Reactor Vessels designed and developed by us are widely used in commercial nuclear power plant, pharmaceutical industries, chemical plants and many more..

Reactor Vessels are designed by our designing team and manufactured by supreme grade material and sophisticated tools under the supervision of skilled professionals.

Pressure Vessels

Air Receiver

Air Receivers are closed containers designed to hold gases or liquids at a pressure different from the ambient pressure.

We are very well equipped to supply a wide range of Air Receivers and Air Receivers for varied operations in various units of oil & gas, petrochemical, fertilizers and chemical industries. Our offering includes clad vessels, vessels with high thicknesses and high pressure as well as Air Receivers in special metallurgies.

If a standard Air Receiver does not meet your needs, Vikrant Heat Exchangers Pvt. Ltd. is fully staffed and equipped to produce custom air receivers and Air Receiver that will meet your exact requirements.

We can fabricate vessels to your required volume, pressure rating, material, country / application specific vessel code.



Air Receiver



VIKRANT
HEAT EXCHANGERS PVT. LTD.



Thank You!

For Believing in Us

Contact us

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