



PATEL HEAT EXCHANGERS PVT. LTD.

(FORMERLY PATEL ENGINEERING CO.)

An ISO 9001:2008 CERTIFIED COMPANY

**OFFICE & WORKS – 102/A/1-SECTOR-'H', GOVINDPURA, INDUSTRIAL AREA,
BHOPAL,(M.P.) – 462 023, INDIA**

Design, Manufacturing, Repair and Supply of Heat Exchangers/Industrial Coolers, i.e. Oil Cooler, Generator Air Cooler, Motor Air Cooler, Hydrogen Cooler, Inter /After Cooler Tube Bundle, Condenser Crimped and Wire wound finned Tubes, Simplex & Duplex Strainers, Filter Basket, Site Flow Indicators.

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Commenced in the year 1999, Patel Engineering Co. is a well established player in the allied sectors. Empowered by our state-of-the-art manufacturing facilities, we are able to provide made to order equipment in strict accordance with the specifications provided by our clients. All the equipment are quality tested on various parameters to ensure their trouble free performance and long service life. Our consistent adherence to quality has enabled us to fulfill our aim of becoming a well known name in domestic as well as in the international arena, which is matter of great honour for us.

We are working round the clock to maintain our leadership status and to expand our operations, on larger scale. Further, taking count of the dedicated efforts of our team, we are catering the requirements of clients spread across.

Products

We are offer an encompassing range of technologically superior cooling equipments like bearing oil coolers, shell & tube oil coolers, L.P. Heater tube nest, cacw cooler, generator air cooler, condenser, chiller, evaporator, finned tube heat exchangers, plate finned tube, crimped finned tubes, wire wound finned tubes, inter/after cooler for Compressor, simplex water filter, site flow indicator, etc. which are fabricated using premium grade raw material such as aluminum, copper, SS, admirably brass, carbon steel, cupro nickel and other material.

Salient features of our Heat exchangers/industrial coolers include:

- Durable
- Sturdy
- Reliability
- Corrosion resistant
- Efficient performance
- Proper finishing

In addition to providing standard equipment, we also offer customized equipment to suit the requirements of our clients.

Quality Assurance

Our well established and strategic quality control system allows us to bring consistency in the quality of our industrial equipment.. It entails guidelines that conform to International quality standards, which assist us providing competitive advantage. Our quality auditors keep a strict vigil on the production procedure in order to ascertain that our equipment stand high on the parameters of quality. Our entire organization activities are aimed at improvising our equipments as per the prevalent market trends. Our equipments are checked on the following parameters.

- Performance
- Designing
- Finishing

All these tests and stringent measure are conducted using sophisticated testing equipments, which has earned us tremendous appreciation from our clients.

Industries catered to:

Empowered by our tremendous knowledge about the technically advanced equipment, we are able to serve the requirements of various industries. Some of them are as under:

- Engineering
- Electrical accessories companies
- Process plant.

Infrastructure

Our state-of-the art infrastructure is outfitted with indispensable facilities for efficient and timely execution of our activities. Our sophisticated manufacturing plant is spread in an area of 10000 sq feet and is equipped with ultra-modern machines for faster and consistent production. Our production capacity is variable, depending on the order of our clients and we are capable of handling bulk order within a stipulated time period. Some of the machines installed in production unit are as under:

- Lathe
- Milling
- Drilling
- Welding machine

Our design unit is equipped permits our designers to innovate and introduce improvised version of our existing equipment.

Our Workforce

We consider our team as an innate force of our organization as well the sole reason factor behind our tremendous success. Their dedication has helped us in creating a distinct position in the industrial sector. The team comprises of following experienced and diligent personnel such as:

- Production engineers
- Technocrats
- Quality control engineers
- Administrative staff
- Sales and marketing professionals
- R&D experts
- Packing personnel

Our technical team consists of talented engineers, technicians allow us to fabricate high performing equipment. Our team of administrators, marketing & sales executives assist us fulfilling our endeavors. Owing to the combined efforts of our workforce we are geared to progress further in our sphere of operation.

Research and Development

We possess a full fledged research and development unit that facilitate us in providing cooling equipment as per the latest advancements in the industry and specific requirements of our clients. Based on the intensive research and analysis of our R&D personnel, we are capable of designing technologically advanced and highly performance-oriented cooling equipment. Our R&D personnel are engaged in finding ways to up-grade our facilities and conduct exhaustive research and market study, which enables them to introduce innovative production and testing methodologies that proves cost effective as well as beneficial for our company.

PRODUCTS:-



CACW COOLER ASSY.

We offer a wide assortment of technically advanced air cooling systems, which are designed with resin, soaked corrugated sheets circulation of air. Known for their low maintenance and efficient performance, our cooling systems provides an effective solution against summer heat. Widely used in various industrial machines i.e. Hydro Generator, HT motors, Transformers, hydrogen cooler, and commercial applications, our cooling systems are available in customized options

SHELL & TUBE OIL COOLER

Our range of equipment also includes shell & Tube oil cooler and heat exchangers, which are fabricated using qualitative raw materials. Known for it reliable performance and durability, our range is offered in tailored solutions to serve the requirements of our clients.



BEARING OIL COOLER

We are amongst the top-notch manufacturers of bearing oil coolers, which are used in cement factories/Thermal Power Plant and other process plant to cool the bearings using oil bath. Our oil cooler is equipped with highly efficient and effective heat Transfer, which brings down the temperature of the oil to a minimum. These Heat Exchangers are equipped with only tubes and end covers, which are immerse in the oil tank and not with shell.

INTER / AFTER COOLER

We specialize in offering a wide assortment of Inter/after cooler that is used in compressor. Known for its quality and efficient performance our coolers are available at industry leading prices





**L.P HEATER NO.- 4 TUBE NEST OF
210 M.W. UNIT**

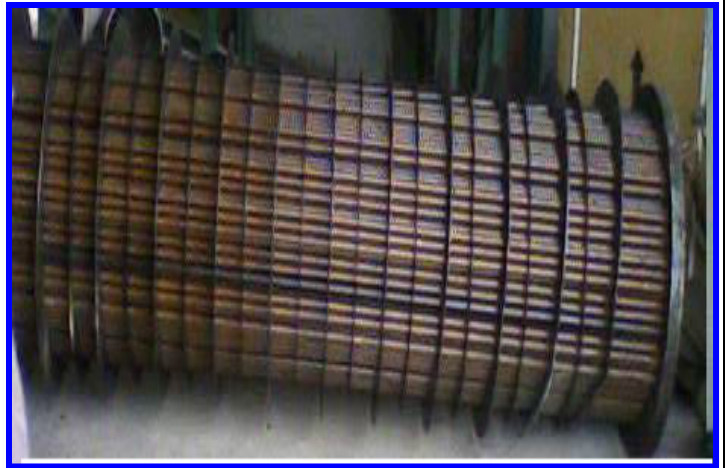
**3,500 KW BFP MOTOR COOLER
TUBE BUNDLE**



CACW COOLER TUBE BUNDLE



MAIN OIL COOLER OF 210 MW UNIT



LUBE OIL COOLER

HYDRO GENRATOR BEARING OIL COOLER





SIGHT FLOW INDICATOR

Developed using sophisticated techniques, our site flow indicators offers maximum visibility, low pressure type, which are mounted vertically & horizontally, our site flow indicator can also be used at places where mechanical strains in the pipe-line are not present.

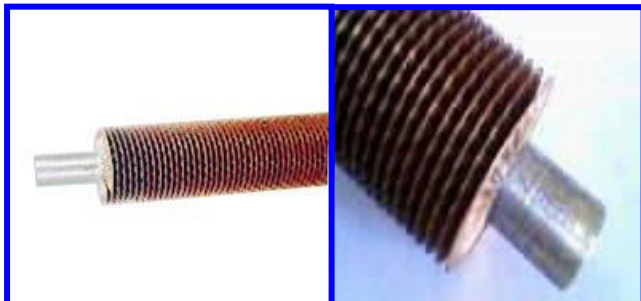
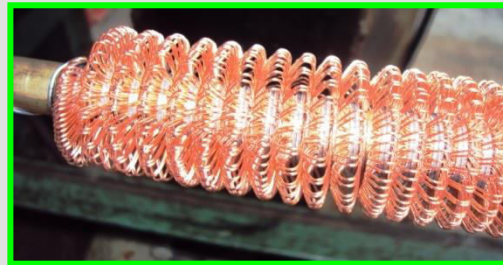
THRUST GUIDE BEARING OIL COOLER



VAPOUR CONDENSOR

We provide a wide range of technically superior condensers, which serves the requirements of various industries. Used in the chemical plants, our condensers are available in customized options to suit the requirements of our customers.

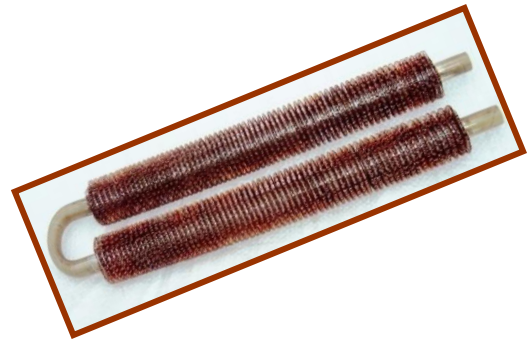
WIRE WOUND FINNED TUBE



CRIMPED FINNED TUBE

Known for its efficient performance and durability, our finned tube heat exchanger are ideally suited where low density and low heat transfer fluids are to be exchanged with high heat capacity streams. Fabricated using aluminum, copper, SS admirably brass, carbon steel and cupro nickel, our finned tube are used in applications such as air laden with abrasive particles, air cooling, heating with steam and corrosive fluid. Available in various designs, our range can be tailored to suit the requirements of our clients.

**“U” TYPE WIRE WOUND FINNED
TUBE**



CACA COOLER FOR MOTOR





AIR STEAM HEATER



Self Cleaning Duplex Strainer

400 NB 15000 LPM 1000 Micron



SELF CLEANING SIMPLEX STRAINER

Wedge Wire Filter Screen Basket








3000 LPM 500 MICRON







Filter Basket

Our Most Valued Clients

Our appreciable presence in the market is based on the long-term relationship with our clients. Our precision engineered cooling equipments have gained huge applause in India and several other countries. In addition to that we have provided our services to several high end clients such as:

	<ul style="list-style-type: none"> • BHEL
	<ul style="list-style-type: none"> • BALCO PLANT 1
 <p>POWER PLANT II</p>	<ul style="list-style-type: none"> • BALCO POWER PLANT II
 <p>Maharashtra State Power Generation Co. Ltd.</p>	<ul style="list-style-type: none"> • KORADI THERMAL POWER STATION, NAGPUR • NASIK THERMAL POWER STATION, NASIK • KHAPERKHEDA THERMAL POWER STATION, NAGPUR
 <p>EVERYDAY SOLUTIONS</p>	<ul style="list-style-type: none"> • CROMPTON GREAVES ,MANDIDEEP • TRANSFORMER DIVISION
	<ul style="list-style-type: none"> • Gandhi Sagar Hydel Power Station , Mandaur • Rabs Hydel Power Station, Jabalpur • Pench Hydel Power Station, Nagpur • Sanjay Gandhi Thermal Power Station, Umaria • Satpura Thermal Power Station, Sarni-BETUL
	<ul style="list-style-type: none"> • Rajasthan Rajya Vidhyut Utpadan Nigam Ltd., • BANSWADA • RAWATBHATA

	<ul style="list-style-type: none"> • Orrisa Hydro Power Corporation Ltd, BURLA
	<ul style="list-style-type: none"> • KARNATAKA POWER CORPORATION LTD
	<ul style="list-style-type: none"> • CHHATTISGARH STATE POWER GENERATING CO. LTD. KORBA
	<ul style="list-style-type: none"> • Hindustan Electro Graphite Ltd. Mandideep M.P

To ensure that our equipment reach our clients in original conditions, our packing personnel pack them in wooden crates. Further, to enhance the satisfaction levels of our customers, we also package the cooling equipment as per the specific requirements of our clients.

For,
PATEL HEAT EXCHANGERS PVT.LTD.