



Innovative solutions in thermal heat transfer

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SAG Industries includes **four specific divisions** which offer all together innovative solutions in thermal heat transfer; all products are individualy designed and produced to ensure the optimal answer to customers' requirements.



Since 1907, our wide range of expertise allow us to master all the technical aspects and enables all studies to be carried out in-house, guaranteeing both flexibility of the production process and assure the shortest delivery time.

Our mission?

To become your privileged partner for the study and supply of your thermal heat transfer equipment.



ENERGY

Design and manufacture of:

- heaters, HP and LP condensers, air cooling systems, process gas cooling systems,
- heat recovery and heat saving systems, film evaporators, vacuum evaporators,
- · surface condensers with vacuum unit,
- process heat exchangers,



- · air coolers,
- reconditioning of complete exchangers / spare parts.

Tubes: smooth tubes, finned tubes or corrugated tubes.

Materials: carbon steel, stainless steels, nickel alloys, hastelloys and titanium grades.

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PHARMA

Design and manufacture of equipment for the pharmaceutical and fine chemical industry.

- aseptic heat exchangers with double tube sheets, drainable and ventable for WFI and NEP loops (heaters, coolers, condensers),
- aseptic electric heat exchangers, heat recovery systems,







- columns for multiple-effect distillation units, evaporators for pure steam generation, etc.
- reconditioning and upgrading of equipment (heat exchangers, columns, evaporators, vessels, etc.) to comply with international applicable standards (cGMP, FDA, USP27, etc.),
- · consultancy (thermal and mechanical studies, etc.).

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AIR COOLERS

Design and manufacture of "Skyvefin" aluminium finned heat exchangers.

- · oil coolers and heaters,
- · air coolers and heaters,
- · process heat exchangers.



Key factors:

- extremely compact and flexible (easy to install),
- · lightweight and pressure resistant,
- high thermal efficiency and cost-effective.

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- Multidisciplinary thermal specialist for small and medium-sized industrial plant using primarily hot water, pressurised water and steam:
- calculation and sizing of thermal plant,
- modelling of installations with thermal components,
- staff training,
- advice and assistance with technology selection.



- Energy saving consultancy service for companies optimisation of industrial energy consumption.
- Heat recovery expertise (ORC technology).

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