

GEA Ecoflex

For more than 75 years, GEA Ecoflex has been developing customer-oriented and cost-optimised plate heat exchanger solutions for the following fields of application:

- HVAC
- general industry
- refrigeration
- sugar
- chemical
- textile
- pulp/paper
- food
- pharmaceutical
- marine
- power

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Plate Heat Exchangers



Your contact:

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HVAC

four letters
with a world
of possibilities

Heating, ventilation, air conditioning or cooling - for every application plate heat exchangers from GEA Ecoflex are the right solution. Heating applications include: under floor heating, swimming pool heating and solar energy installation. Energy saving ventilation and air conditioning alternatives are made possible for large office complexes, hospitals, schools and other private and public facilities.

Our experts can offer you an optimized solution for your application selected from our wide range of custom designed gasketed or brazed plate heat exchangers. With our long-established and successful VARITHERM-system as well as our new, state of the art NT plate series, we not only fulfill the requirements of the industry but also set new standards for the future. Our comprehensive range of brazed plate heat exchangers compliments our gasketed plate heat exchangers covering the full spectrum of duties required within HVAC applications.

GEA Ecoflex has developed its own innovative computer controlled production technology. This coupled with our multi stage test procedures insure that the highest quality standards are met for each heat exchanger. Depending on the application and customer requirements, GEA Ecoflex can provide the following certifications for HVAC applications: ASME Code, UL Approval (USA and Canadian), CRN, DIN, UDT, CUS and CE.

Flow principle



District heating system

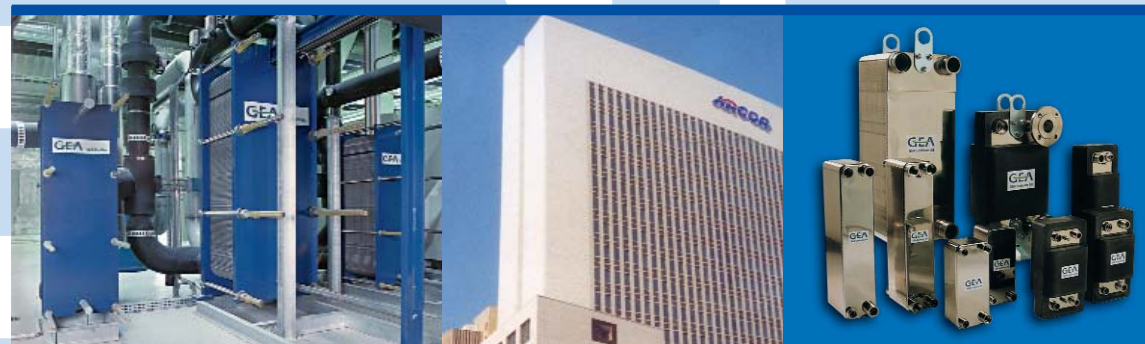


Advantages

- high heat transfer rates through technically refined plate pattern designs
- compact construction of units with low weights
- high operating temperatures and high working pressures
- Stainless steel and other special materials ensure high corrosion resistance
- numerous connection types
- large selection of gasket materials
- low hold up volume

Applications

- Cooling tower isolation
- free cooling
- pond water isolation
- static head isolation
- thermal storage tank isolation
- water source pre-cooler and isolation
- potable water heater
- condenser water heat recovery
- heat pump isolation
- boiler blowdown
- waste heat recovery from electronics
- district heating and cooling
- geothermal heating
- heating water with steam
- snow melt



District cooling system

Arcor, head office - Frankfurt, equipped with GEA Ecoflex plate heat exchangers

Product range - brazed plate heat exchangers

