

# **Saving energy by waste heat recovery.**

**Here we are  
specialists with  
100 years  
experience.**



# **KABLITZ GILLED PLATE HEAT EXCHANGER**

## Heat energy is precious. So stop your costs going sky-high.

Effective heat exchange between gaseous media means improved utilization of the heat energy produced. Nowadays in particular, this problem has become a

more and more decisive operating cost factor in profitability calculations. KABLITZ gilled plate heat exchangers offer the best solution.

## KABLITZ gilled plate heat exchangers. A concept of waste heat recovery that is both technically and economically superior.

A technically perfected design made of high-grade cast iron. For a whole range of heating or cooling applications involving the most varied gaseous media.

Achieves maximum waste heat recovery and correspondingly increases efficiency.

### Range of application:

– As ancillary heating surfaces for recovery of flue gas heat and for preheating air for combustion in:

- Steam boiler plants
- thermal and catalytic afterburning plants
- Heat carrier plants
- Refinery plants
- Air drying and heating plants
- Surface technology drying plants
- Refuse incinerators
- Fluidized furnaces
- Flue-gas scrubbing plants
- Other waste heat utilization plants
- Air preheating for the combustion of low-grade fuels

## Our know-how is your guarantee

Ever since the invention of the cast-iron fin tube economizer 100 years ago, our company has led the way in development and construction of ancillary heat recovery surfaces. The latter part of the firm's title—"specialists in the field of steam generation cost economy": the founder of the firm, Richard Kablitz in 1901 set his fellow workers a task and a goal which they were to fulfill. The solution of these manifold tasks in the area of economic utilization of residual heat in gaseous media, which, continually increasing in significance, has become today a real challenge, more so than in fact at the time the firm was founded. We, successors of the second

and third generations, therefore make every effort to harmonize the experience acquired over the decades with the never ending series of new discoveries made by our technicians. A highly qualified team of engineers and craftsmen, working towards the continual further development and improvement of our products.

Our experience combined with these new discoveries plus the high standard of cast iron technology in our foundry ensure a high degree of technical perfection. For this reason, KABLITZ products count among the highest-grade products available in the scope of heat technology.

We specialize in the supply of:

- **Air preheaters** – for optimum economical utilization of residual heat in flue gases.
- **Economizers** – for the utilization of residual heat contained in flue gases for preheating fluid media.
- **Grate furnace equipment** – for use as overfeed grates of various types to match difficult types of solid fuels so that even fuels of low calorific value can be best utilized.

## Cast-iron KABLITZ gilled plate heat exchangers. Used successfully for over 70 years.

The thousands of plants all over the world (some of them having been operated continuously for decades) are proof of the reliability and effectiveness of this matured technical design. KABLITZ gilled plate heat exchangers – the concept for energy saving in practice. However, in order to save you don't have to do without.

You can save by utilizing to the full the calorific power contained in used fuel.

Large, medium-sized and small concerns in the most varied branches of industry are equipped with KABLITZ plants. Just take a look at our reference list of firms which we will gladly send you.