



Brewing

The application of
plate heat exchanger

KFM



We provides solution services, enabling traditional or modern breweries to run key processes with the highest efficiency. We make you achieve high quality results with low operating costs as possible.

Brewing is a complex mixture craft, technology and art are rooted in the powerful history and culture tradition. However, in order to keep the leading position in the fiercely competitive industry and the constantly changing market, the brewers usually adopt the most advanced technology available at present quickly.

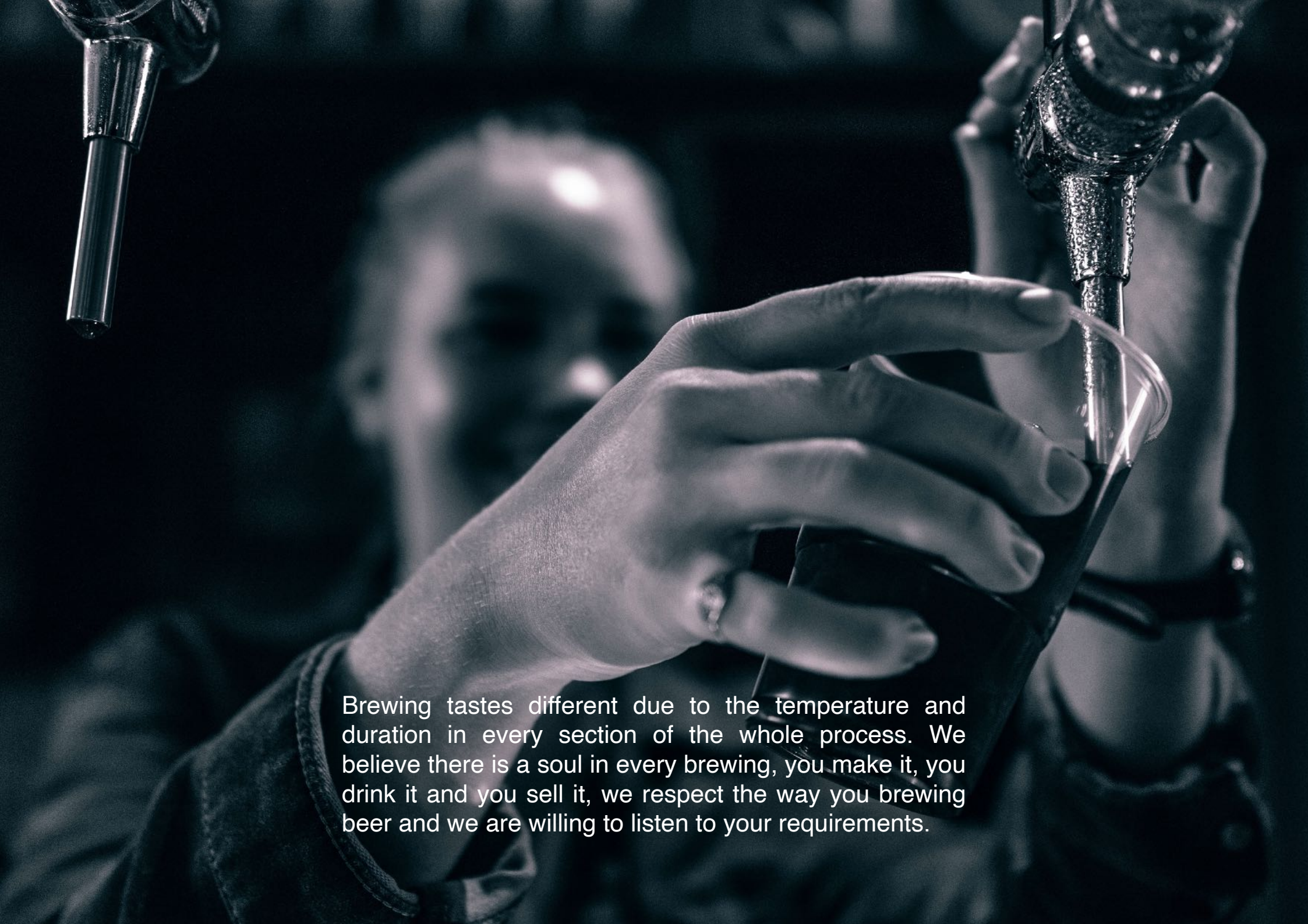




Beer Factory use plate heat exchanger typical responsibilities include:

- Heating water and CIP cleaning liquids using plate heat exchangers
- Cooling glycol for refrigeration duties, using ammonia evaporators
- Controlled-temperature storage using unit and liquid coolers
- Vapour condensing.





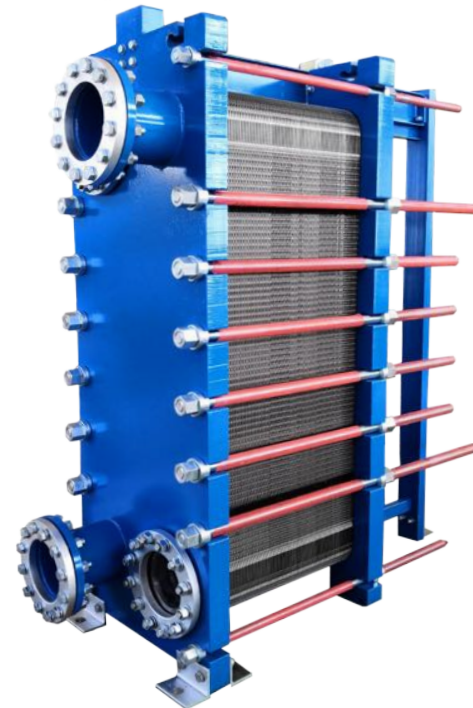
Brewing tastes different due to the temperature and duration in every section of the whole process. We believe there is a soul in every brewing, you make it, you drink it and you sell it, we respect the way you brewing beer and we are willing to listen to your requirements.

PHE Standard Range General Specifications

	Gasket plate heat exchanger	semi-welded plate heat exchangers
Max connection diameter/DN	350	200
Max. volume flow m ³ /h	1800	650
Max. Heat transfer surface/m ²	1380	320
Designed Pressure rate MPa	2.5	2.5
Temperature °C	-40-180	-40~180
Plate material	304 SS, 316 SS, Titanium	316 SS, Titanium
Frame material	Carbon Steel, 304 SS, 316 SS	Carbon Steel



The Gasket plate heat exchanger is expandable and easy servicing. The design flexibility makes them ideally suited for a wide variety of brewing cooling and heating applications. HA series are capable of almost every section on brewing, we recommend HA50 and HA100 under the condition of volume flow between 1~160 m³/h; If the fluid of some process is high viscosity, we may use deep corrugation and wide gap plates (HF series).



The Semi-Welded Plate Heat Exchanger, one side is sealed by laser welding, and the other side is sealed by gaskets. This increases maintainability, but allows the use of aggressive medium and higher pressure than the completely inflated model. This means that the heat exchanger can be used for evaporating ammonia.





Our **service** is better than you expected

HFM has rich experience in Brewing solution. We have multiple global warehouses and service teams around the world, the delivery time and freight are reduced to the largest extent, and spare parts can be delivered at the fastest speed. Manufacturing is merely one part of our business, knowing our customers requirements and acknowledge various kinds of working conditions is our daily life.

1, Inventory management

In order to ensuring delivery effectiveness, based on the acknowledge of PHE market and supply chain management, HFM has distributed the warehouses around the world.

2, Spares replacement

HFM has the full range of plate heat exchanger spares, our service engineers could either travel to the scene or remote guid your team to replace.

3, Cleaning service

HFM can provide both CIP(cleaning in place) and disassembling cleaning services depending on your circumstances.





Professional design solution:

Our technical department dealt with various application year after year, the accumulative experience forged a special team with exploring spirit and critical spirit. The gasket plate heat exchanger is our core business, thousands of units have been in services for many years in different fields.

Service is our cornerstone:

We consider customer as our priority, understanding customers' real needs and rapid feedback are the basics.

We and customers are bound to each other for learning and developing, sharing knowledge keeps us growing, which makes accomplishing projects easier and faster.

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