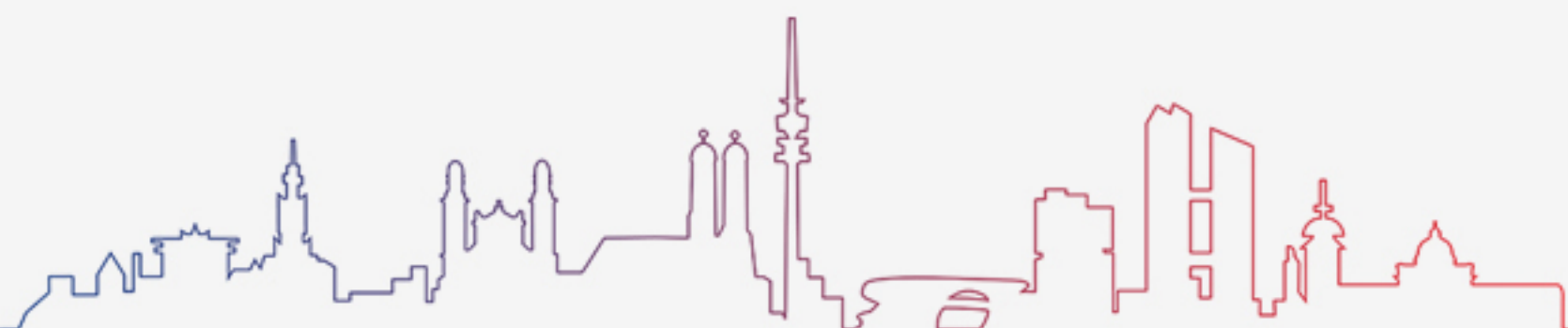




Vertical Steam Boiler

Product Details [PDF](#)





120,000m²
Production Base



6,000m²
R&D Center



20,000 Tons
Annual Capacity



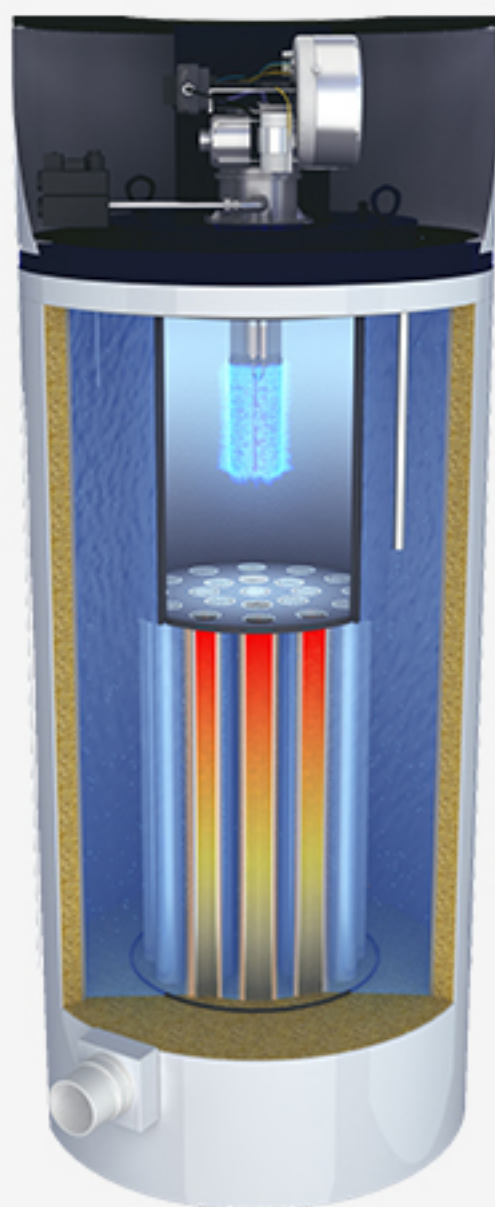
60,000
Total User Number

Company Profile

Fangkuai Boiler Co., Ltd. was established on 8th Jan. 1998. With the registered capital of over 100 million, Fangkuai Boiler group has grown into a high and new tech enterprise, integrating researching & developing, manufacturing and marketing of clean fuel boiler and clean combustion technology.

Fangkuai is a Licensed Lever A boiler manufacture and Level D1/D2 Pressure Vessel manufacture company, with the certificates of ISO9001 Quality Control System and International Certification Network (IQNET). With a 120,000 square meter production base, we become one of the few boiler manufacturers who have digital production capacity in China.

We also possess an national level boiler laboratory which can simulate all kinds of working conditions. Fangkuai Boiler Co., Ltd. was established on 8th Jan. 1998. With the registered capital of over 100 million, Fangkuai Boiler group has grown into a high and new tech enterprise, integrating researching & developing, manufacturing and marketing of clean fuel boiler and clean combustion technology.



Product Introduction

Rated evaporation: 1-20t/h

Rated thermal efficiency: 104.4%

Applicable fuel: natural gas, diesel, city gas, etc.

Applications: printing and dyeing, pharmaceuticals, etc.

The boiler adopts the shell-type pyrotechnic tube structure, and the flame is burned down; the convective heating surface is reduced by strengthening the heat transfer effect, the flow resistance of the flue gas is smaller, and the energy consumption during operation is low, which can save the enterprise a large amount running cost.

Features:

Automatic sewage、 High safety factor、 Easy to install、 Ultra high thermal efficiency



>100%
Thermal efficiency



$\leq 80 \text{ mg/m}^3$
Ultra low emission



20 years
Long life



5 heavyWater
level protection



Good sealing
Very low heat loss



PLC Intelligent
control system



up to date Heat
exchange element



Cloud Service 3.0
Online Monitoring

Product Features

Thermal efficiency up to 96%

Waste heat utilization integrated solution, condensing recovery device, flue gas spoiler... Rationalized design structure makes full use of each heat, and the thermal efficiency can reach more than 96%.

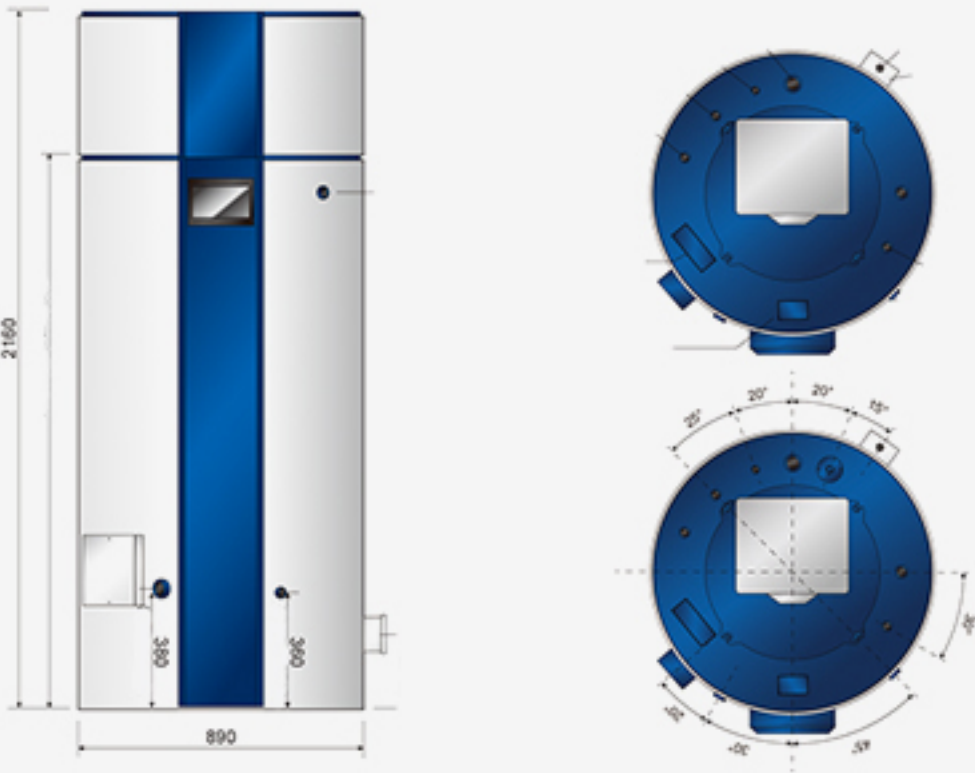
NOx emission <80 mg/m³

By reducing the exhaust gas temperature and reducing the emission of harmful substances such as NOx, COx, and SOx to less than 80 mg/m³, the boiler is an efficient and environmentally friendly equipment in the industrial boiler field.

Integrated design makes installation more convenient

The boiler is an organic whole that is closely combined with the boiler body, the flue gas condenser and the control system. Integrated design of flue gas condenser, burner, water pump and control system makes boiler installation easier.

Boiler Planar View



▲ Boiler Lateral View



▲ Boiler Front View

Specifications

Operating conditions	Nitrogen oxides	Water storage capacity	net weight	preset pressure	Gas port	Safety valve	Safety valve pressure	Sewage outlet	Inlet/outlet
Unit	mg/Nm ³	L	KG	Mpa	mm	mm	Mpa	mm	mm
V6-99	<30	495	620	1.0	DN20	DN25	1.1	DN20	DN50
V5-99	<80	495	620	1.0	DN20	DN25	1.1	DN20	DN50

	V6-99				V5-99			
Inlet/outlet temperature	30/40℃	50/60℃	60/80℃	70/90℃	30/40℃	50/60℃	60/80℃	70/90℃
Thermal efficiency (%)	104.4	101.8	98.4	97.2	104.4	101.8	98.4	97.2
Natural gas consumption (m ³ /h)	8.923	9.15	9.467	9.58	8.923	9.15	9.467	9.58
Export smoke temperature (℃)	40.5	57.9	66	81.2	40.5	57.9	66	81.2

★ Remarks: Due to continuous improvement of technology, please contact FangKuai Boiler Co., Ltd. headquarters for detailed parameters.

Boiler part case



Yurun Food Co., Ltd.



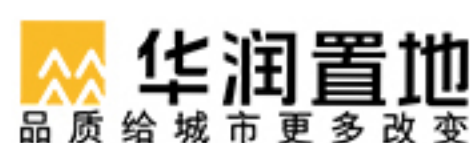
Nonferrous Metals Co., Ltd.

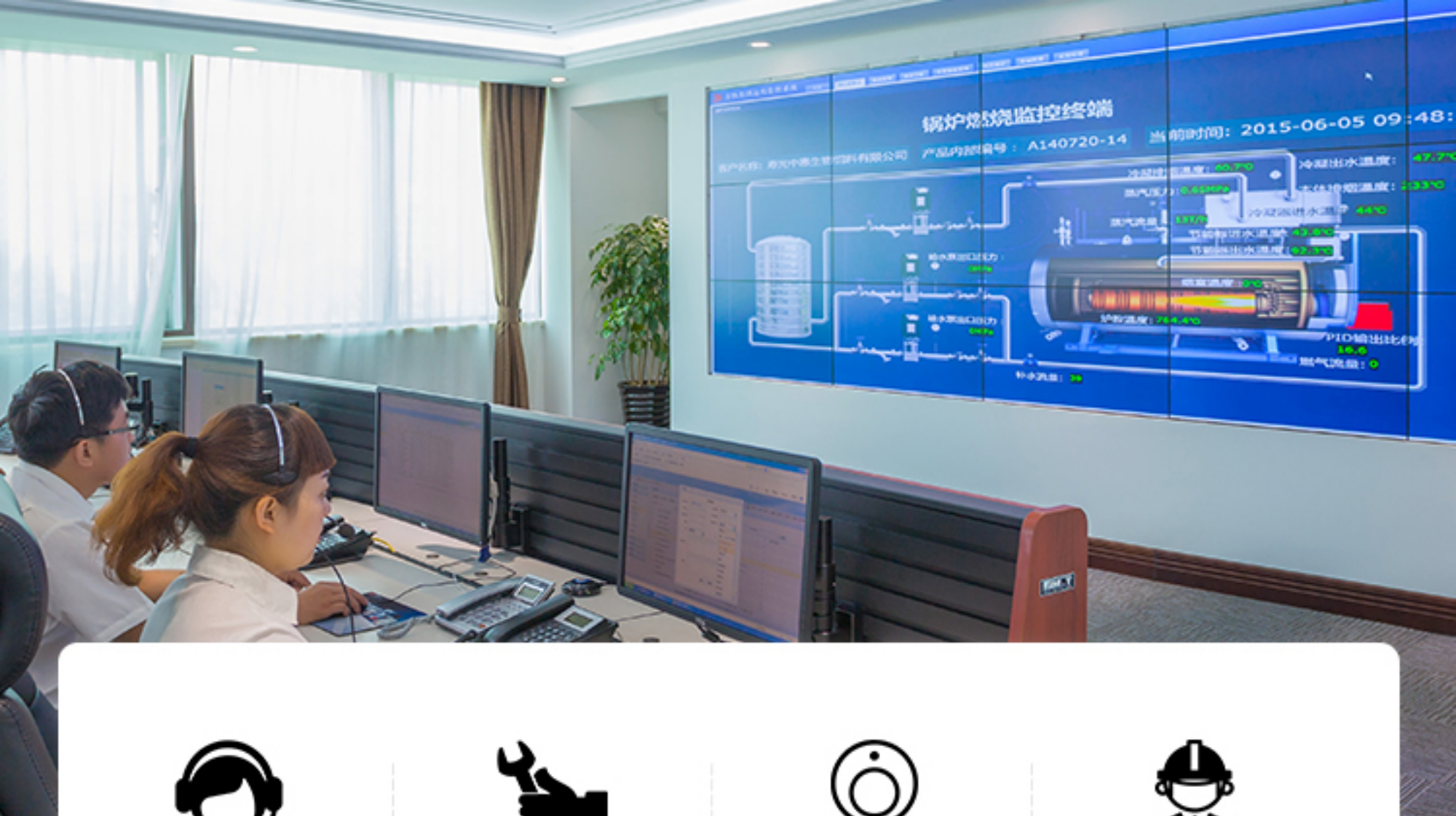


Xufei Technology Co., Ltd.



Quanxing Wine Industry Co., Ltd.





24 hr Online



Abroad engineer
standby



Real-time
Monitoring



Engineer 1 to 1

Service Philosophy

Our Service Philosophy: Think as a customer !

Fast Response

Telephone or Online service, we will be your side, any time.

Cloud Service 3.0

Intelligent online service, automatic diagnosis, troubleshoot boiler failure.

After-sell Service

Professional installation and maintenance engineers for international customers.



Tel: 0086-371-60922096

E-mail: info@boilermanufacture.com

Location: New&High-Tech Zone, Zhengzhou, Henan