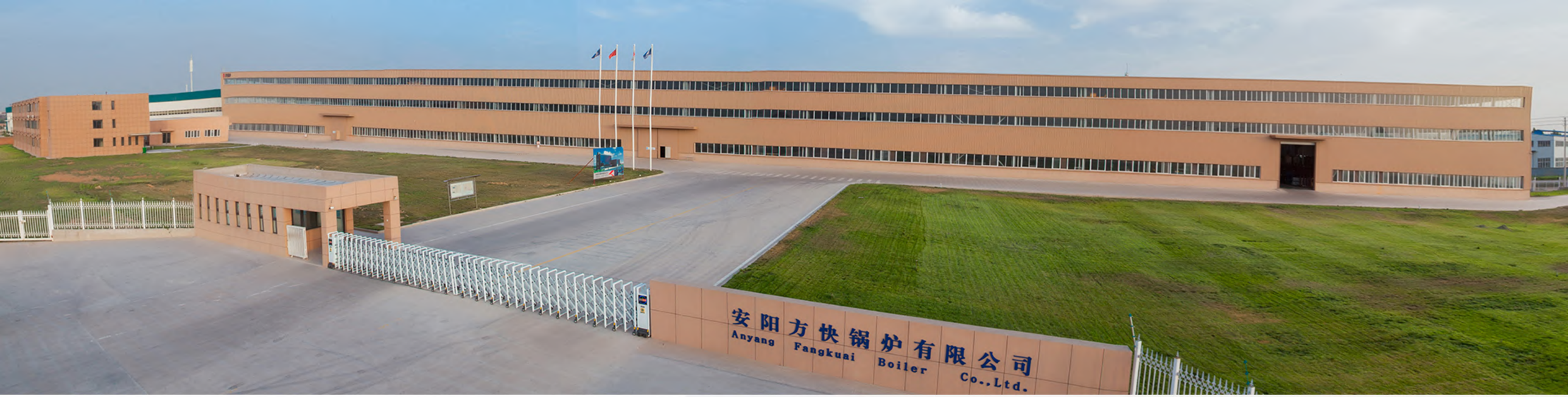
FANGKUAI
Clean Boiler System Supplier

SZS Water Tube Hot Water Boiler

Product Details PDF



120,000㎡
Production Base

6,000㎡
R&D Center

20,000 Tons
Annual Capacity

6 Automatic
Production Line

108
National Patent

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.

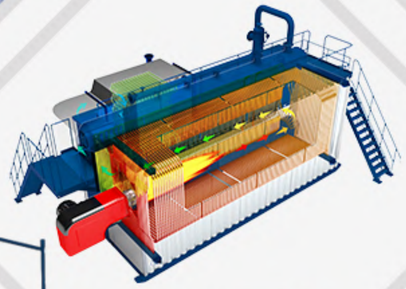
We also possess an national level boiler laboratory which can simulate all kinds of working conditions.

Product Introduction

Rated thermal power: 10.5-80MW
Rated thermal efficiency: 95-98%
Applicable fuel: Natural gas, gas, oil, etc., etc.
Applications: electronic and electrical, school, etc.

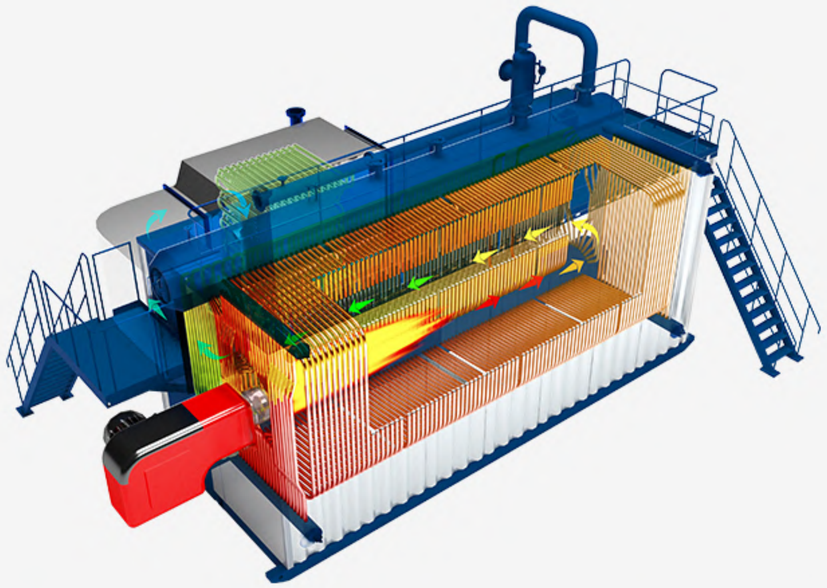
One of the latest advances in hot water production technology is the use of water tube boilers. This type of boiler is distinct from conventional fire tube boilers. Water tube boilers are more efficient than fire tube boilers, generating more hot water but using less fuel. They are also much safer than fire tube boilers and easier to manage when it comes to routine inspections and maintenance.

Features:
Low pollution
Easy operation
Environmental protection
High efficiency and energy saving



Product Drawing

Clean Boiler System Supplier



Product Features

Low pollution

Benefiting from the efficiency of the boiler plays to its limit, this boiler has a comprehensive function of pollution solution. That leads a substantial reduction in emissions of harmful substances such as dirty water.

Easy operation

We develop different controller system for each piece of our steam boiler and we make this effort to ensure the boiler is easy to operate and control. For safety, we make safe door and various devices to detect.

High efficiency and energy saving

Large furnace area ensures adequate fuel combustion. The insulation material is made of high quality material, which ensures the minimum heat loss and energy saving of fuel.

Environmental protection

The boiler adopts the design method of recovering residual heat. There is a vertical condenser at the end of the boiler. The condenser can greatly reduce the temperature of flue gas and reduce harmful substances.

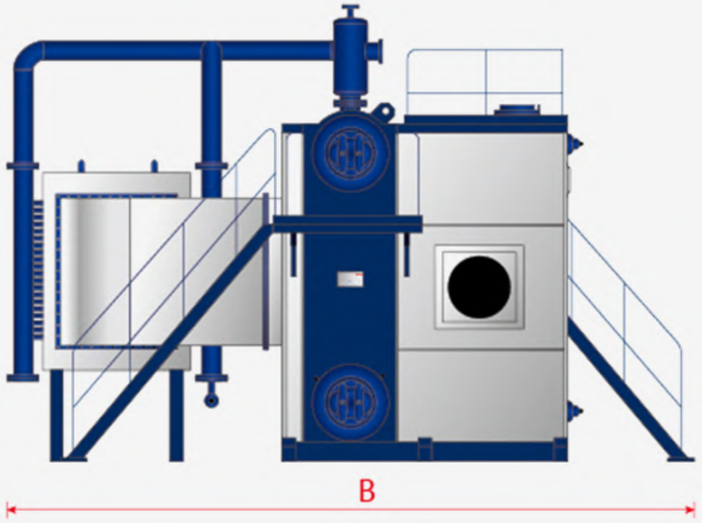
Specifications

Model	Rated thermal power	Rated water pressure	Fuel consumption					Gas supply pressure			Boiler max size			flange-PN	Water supply port - DN	Drain outlet-DN	Safety valve interface-DN	Relief valve outlet-DN	Chimney diameter	Weight	General purpose
			Diesel	Heavy oil	Natural gas	City gas	liquefied gas	Natural gas	City gas	liquefied gas	A	B	C								
Unit	MW	Mpa	kg/h	kg/h	Nm^3/h	Nm^3/h	Nm^3/h	mbar	mbar	mbar	mm	mm	mm	mpa	mm	mm	mm	mm	mm	t	
SZS10.5-1.25 /130/70-YQ	10.5	1.25	914.5	950.8	1004.8	2040.8	367.4	300	300	300	10230	7600	5000	1.6	200	50	100	100	800*500	30	Rated steam temperature (°C) 204
SZS10.5-1.25 /130/70-YQ	14		1245.5	1267.7	1388.3	2721.1	489.8				11100	7650	5200				125		1400*1050	41	
SZS10.5-1.25 /130/70-YQ	17.5		1531.87	1584.7	1712.69	3401.4	612.3				12630	7700	5350					125	1400*1050	50	Rated thermal efficiency 100-104%
SZS10.5-1.25 /130/70-YQ	21		1880.55	1901.6	2115.96	4081.6	734.8				12750	7740	5500						1400*1050	52	Feed water temperature 20°C
SZS10.5-1.25 /130/70-YQ	24.5		2134.1	2218.6	2344.5	4761.9	857.2	450	450	450	13300	8200	5650	2.5	250		150	150	1800*1050	60	
SZS10.5-1.25 /130/70-YQ	29	1.6	2522.8	2641.1	2825.3	5668.9	1020.5				13700	8330	5740						2050*1050	67	exhaust temperature 60-90°C
SZS10.5-1.25 /130/70-YQ	46		3934.3	4157.3	4412.1	10081.5	3934.3				16500	10050	6080						1860*754	138	Rated steam pressure (Mpa) 1.6
SZS10.5-1.25 /130/70-YQ	58		5028.7	5236.5	5672.7	12698.6	4955.5	500	500	500	18500	11100	6190		400		200	200	2510*756	158	
SZS10.5-1.25 /130/70-YQ	70		5980.8	6319.9	7065	15325.9	5980.8				19000	11350	6500						2910*856	185	Using electric (V/Hz) 380/50

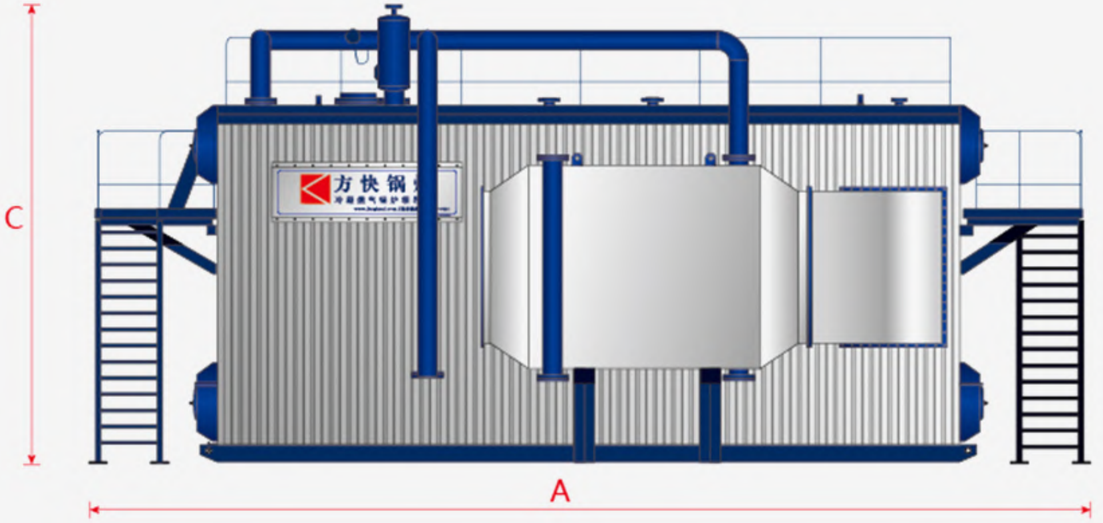
*Remarks: The fuel consumption is the value after installing the condenser; the fuel calorific value: heavy oil 9860kcal/kg, diesel 10250kcal/kg, natural gas 9140kcal/Nm3, liquefied petroleum gas 24998kcal/Nm3, city gas 4500kcal/Nm3;

Due to continuous improvement of technology, please inform us if there are any changes; please contact Fangfeng Boiler Co., Ltd. headquarters for detailed parameters.

Boiler Planar View



▲ Boiler Lateral View



▲ Boiler Front View

Boiler System View

1.Hot Water Water Tube Boiler

2.Economizer

3.Hot Water Circulating Pump

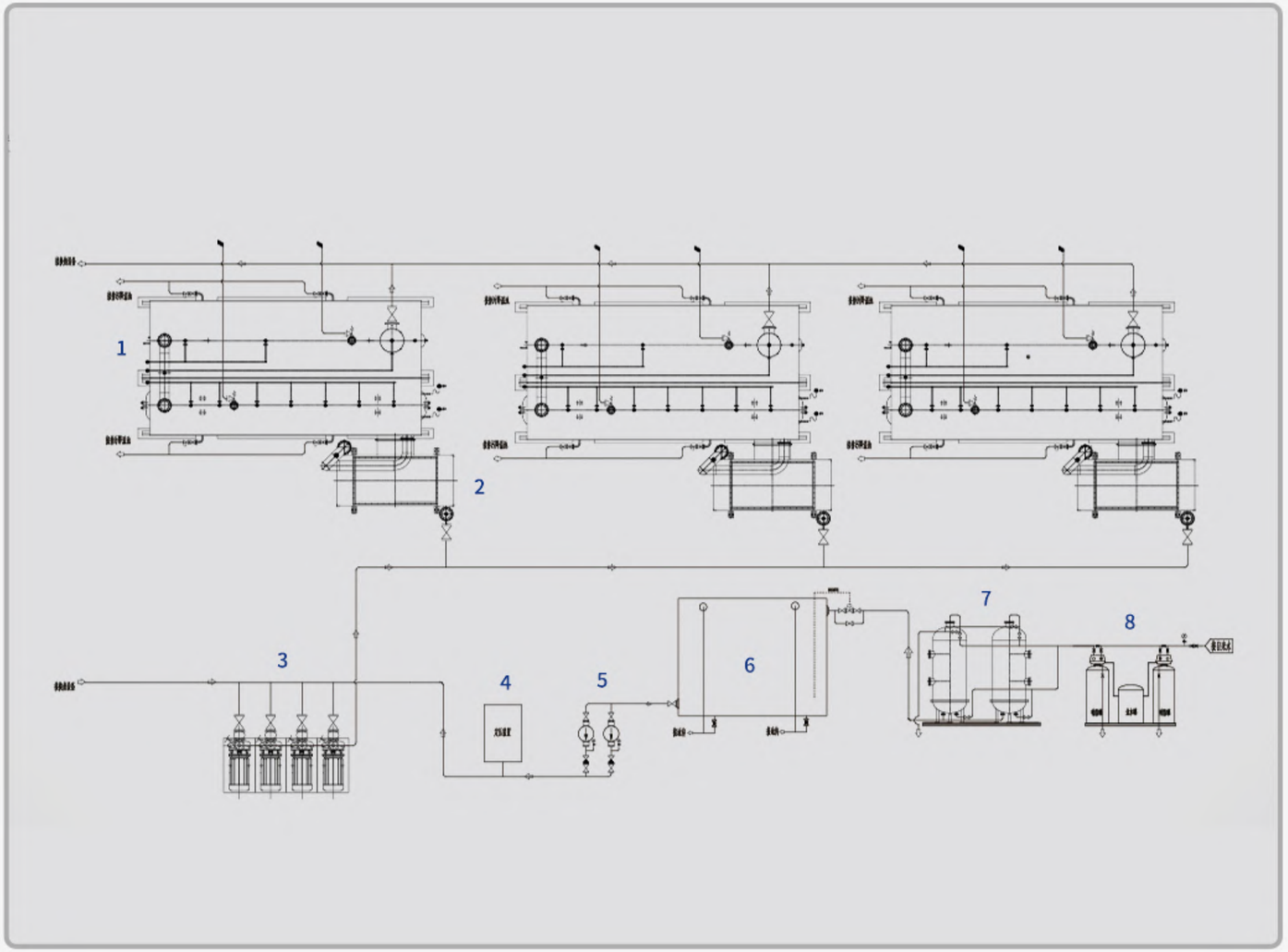
4.Constant Pressure Arrangement

5.Water Feed Pump

6.Stainless-steel Temperature Preservation Tank

7.Multi-media Filter

8.Automatic Water Treatment



Related Cases

Food Industry

Yili Dairy

Wahaha

Sanquan Food

Tsing Tao

Three Squirrels

Good shop

Real estate industry

Wanda Group

Vanke

Evergrande

Poly Real Estate

Resources

Zhonghai Property

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.

24 hr Online

Engineer online

Abroad engineer standby

Real-time Monitoring

400 Customer’ s Call

Engineer 1 to 1

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