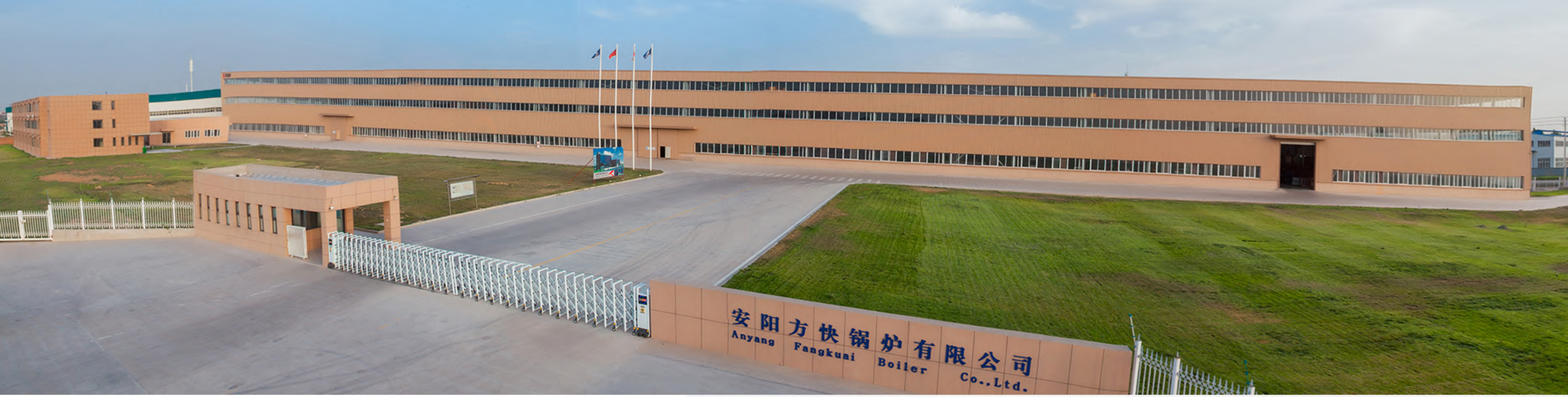
FANGKUAI
Clean Boiler System Supplier

SZS Water Tube Steam 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.

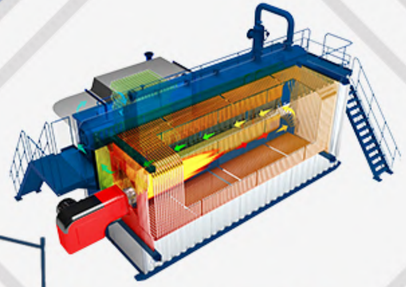
We also possess an national level boiler laboratory which can simulate all kinds of working conditions.

Product Introduction

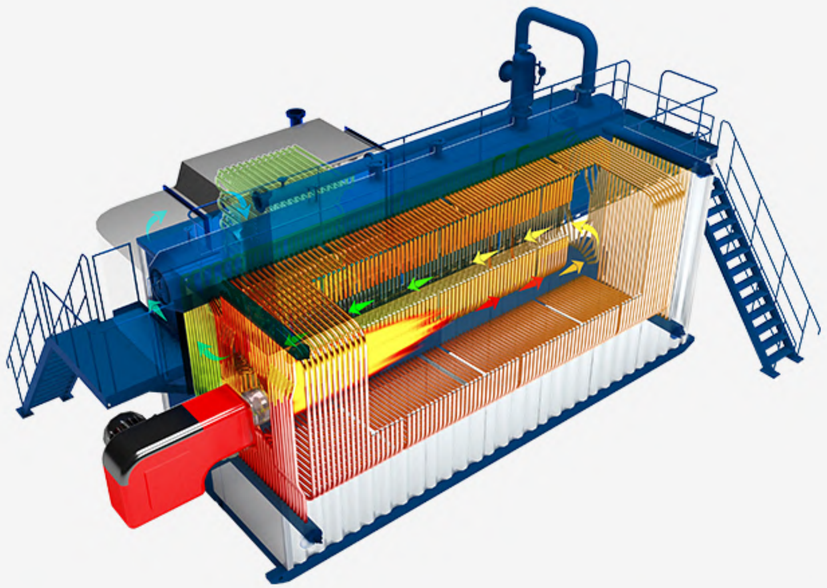
Rated Evaporation: 10-140 t/h
Rated thermal efficiency: 100-104%
Applicable fuel: Natural gas, gas, oil, etc., etc.
Applications: electronic and electrical, school, etc.

Designed for customers who are in large demand for steam or Heating supply. Water tube boiler is bigger and more complex than fire tube boiler. In China boiler industry, we always call this water tube boiler as SZS structure boiler.

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



Product Drawing



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.

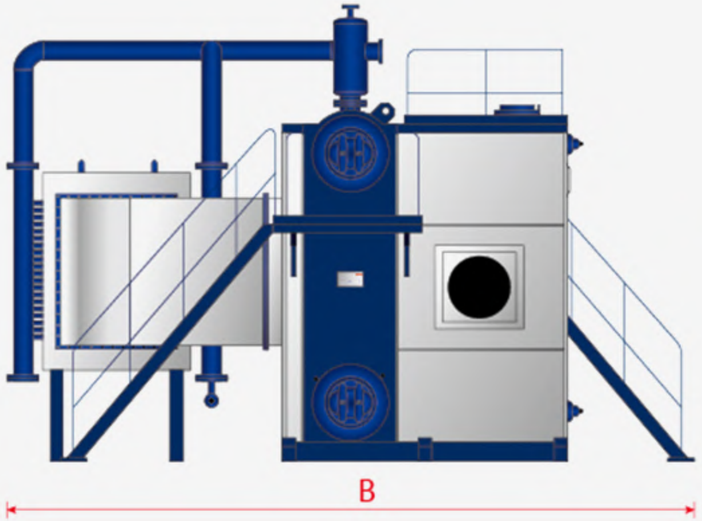
Specifications

Model	Rated evaporation	Feed pump electric power	Fuel consumption					Wind power	Gas supply pressure			Boiler max size			flange-PN	Water supply port - DN	Main air outlet-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	t/h	KW	kg/h	kg/h	Nm^3/h	Nm^3/h	Nm^3/h	KW	mbar	mbar	mbar	mm	mm	mm	mpa	mm	mm	mm	mm	mm	mm	t	
SZS10 -1.6-YQ	10	11	637.1	662.3	673.3	1367.5	246.2	22	300	300	300	9560	7460	4230	2.5	50	150	50	65	80	650*650	32	Rated steam temperature (°C) 204
SZS10 -1.6-YQ	15	15	955.7	993.5	1009.9	2051.3	369.3	37				10250	7500	4250							1000*850	42	
SZS10 -1.6-YQ	20	18.5	1274.3	1324.7	1346.6	2735	492.3	55	450	450	450	10260	8500	4460		65	200	50	100	125	1650*640	52	Rated thermal efficiency 100-104%
SZS10 -1.6-YQ	25	22	1592.8	1655.8	1683.2	3418.8	615.4	75				10280	8900	4760							1650*675	54	Feed water temperature 20°C
SZS10 -1.6-YQ	30	30	1911.4	1987	2019.9	4102.6	738.5	90				13110	9150	4780		80	250		125	150	1500*700	64	
SZS10 -1.6-YQ	40	30	2548.5	2649.3	2693.1	5470.1	984.7	110				13700	9250	4800					150	175	1500*700	76	exhaust temperature 60-90°C
SZS10 -1.6-YQ	50	45	2789.7	2649.3	3121.7	5470.1	984.7	132				14840	9360	4830		100	300				1600*800	100	Rated steam pressure (Mpa) 1.6
																							Using electric (V/Hz) 380/50

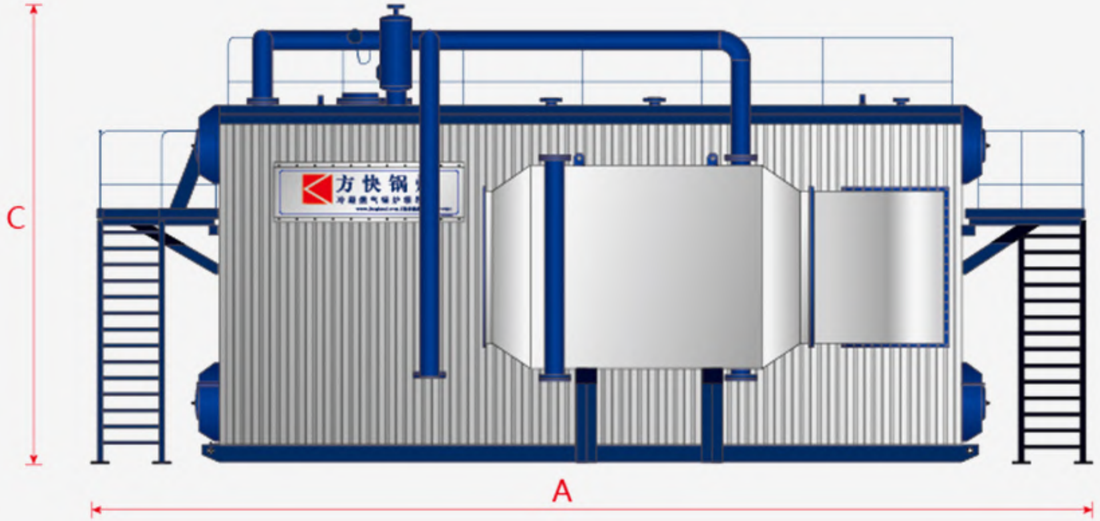
*Remarks: The fuel consumption is the value after installing the condenser; the fuel calorific value: heavy oil 9860kcal/kg, diesel 10250kcal/kg, natural gas 9140kcal/Nm3, liquefied petroleum gas 24998kcal/Nm3, city gas 4500kcal/Nm3;

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.Integral Steam Water Tube Boiler

2.Economizer

3.Condenser

4Burner

5.Induced Draft Fan

6.Steam Header

7.Intermittent Blowdown Flash Tank

8.Automatic Water Treatment

9.Stainless-steel Temperature Preservation Tank

10.Condensate Circulating Pump

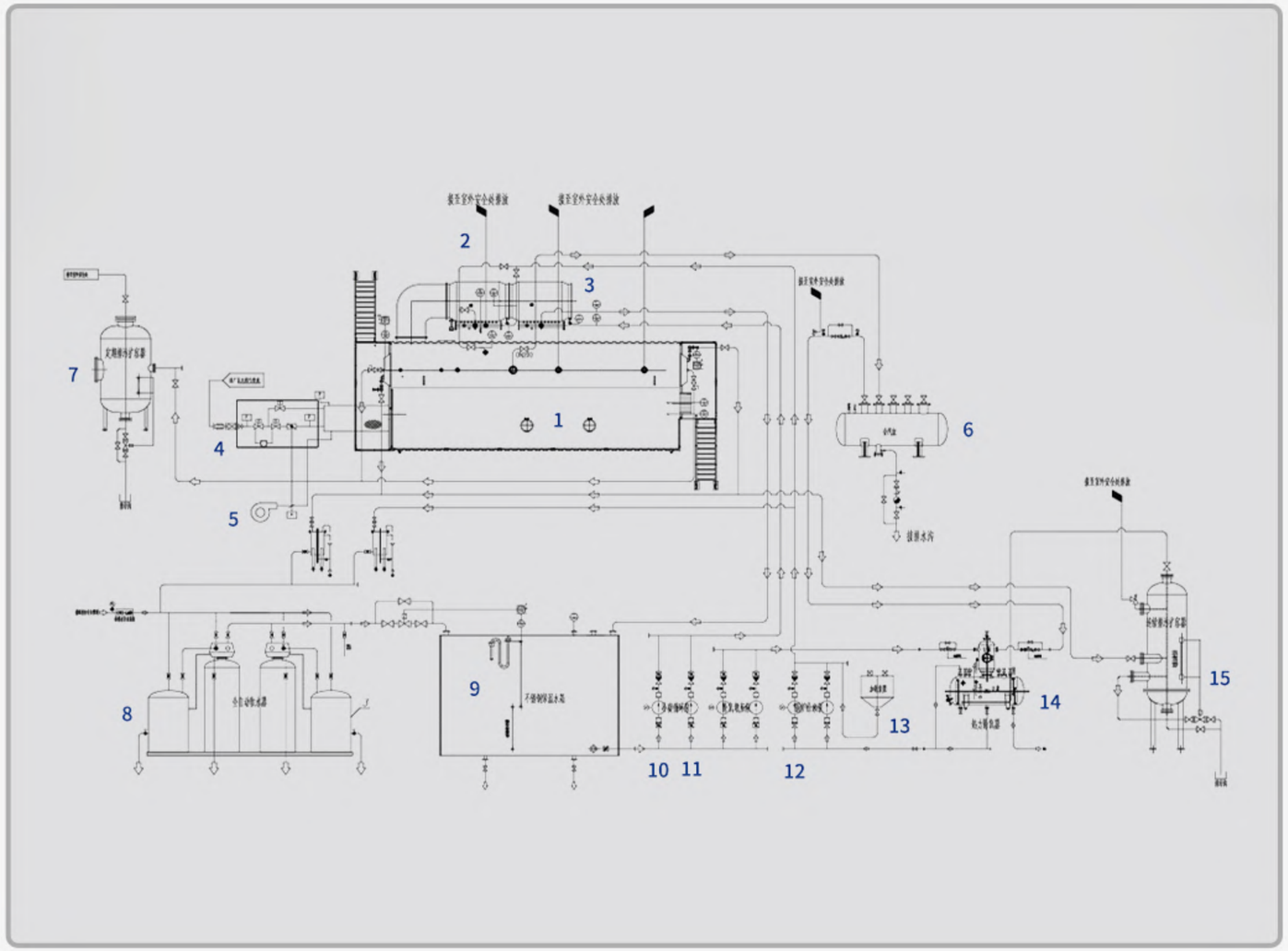
11.Deoxygenated Booster Pump

12.Water-feed Pump

13.Chemical-dosing Device

14.Thermal Deaerator

15.Continuous Blowdown Flash Tank



Related Cases

Food Industry

Real estate industry

Yili Dairy

Wahaha

Sanquan Food

Tsing Tao

Three Squirrels

Good shop

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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