



Residential Commercial Steam Gas Fired Boiler Mechatronic Structure Overload Protection

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: OEM
- Certification: CE Certification
- Model Number: OEM
- Minimum Order Quantity: Negotiable
- Price: Negotiable
- Packaging Details: Carton, pallet, wooden case or according to customer's package requirements
- Delivery Time: 30 working days
- Payment Terms: 30% deposit + 70% T/T before shipping
- Supply Ability: 20 sets per month



Product Specification

- Product Name: Series Residential Gas Fired Steam Boiler For Hotel HeatingSZS Series Residential Gas Fired Steam Boiler For Hotel Heating
- Steam Capacity: 10-65kg
- Working Pressure: 1.25/1.6MPa
- Warranty: 2 Years
- Certification: CE, ISO
- Thermal Efficiency: 96%
- Color: Customer's Requirement
- Style: Horizontal
- Highlight: **natural gas steam boiler, lpg fired steam boiler**

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Product Discription

Series Double Drum Oil and Gas Fired Steam Boiler

The double steam and double steam boiler series are double drums, vertical type D layout, high speed boilers. The boiler series includes the upper and lower boiler drums, diaphragm walls, convection tubes and capacitors. The fuel is burned in the boiler and the flue gases are discharged from the convection tube to the chimney and heat extraction device. With a mechatronic structure, performance is a leader at the domestic level.

Product Features

1. Suitable for all fuels:

The stove area is large and the fuel is completely burned. It is especially suitable for low calorie fuels such as coke oven gas and blast furnace. High-calorie fuel combustion is much better, such as natural gas, liquefied gases and the like.

2. With overload capability:

The heating area is large, the furnace area is large, the production is large, and the load-bearing capacity is reliable.

3. Reasonable structure:

A front water wall is installed in front of the boiler to facilitate the placement of the burner head to ensure water levels and cooling near the burner, which helps remove carbon deposits from the burner and burn more fuel.

4. Easy to maintain:

The boiler wall is equipped with explosion-proof doors, fire holes and inspection doors, and the boiler heating pipes are fitted with transparent openings at the front and rear for easy maintenance of the boiler.

5. Reduce heat loss:

The use of thick insulating materials reduces the heat loss of the boiler and increases the thermal efficiency.

6. Long service life:

Excellent professional design, advanced production technology, rigorous inspection and quality control guarantee the quality of all boilers, the life of conventional boilers is more than 20 years.

Technical Parameters

Main Parameters of Series Oil & Gas Fired Steam Boiler

Steam Capacity		t/h	10	15	20	25	35	50	65
Working Pressure		MPa	1.25/1.6	1.25/1.6	1.25/1.6	1.25/1.6	1.25/1.6	1.6/2.5	1.6/2.5
Steam Temperature			193/204	193/204	193/204	193/204	193/204	204/226	204/226
Feed Water Temperature			104	104	104	104	104	104	104
Thermal Efficiency		/	≥98%						
Fuel		/	Natural Gas, Liquefied Gas, City Gas, Light Oil						
Fuel Consumption	Natural Gas	NM ³ /h	733	1098	1464	1829	2559	3662	4769
	Liquefied Gas	Kg/h	588	883	1173	1469	2053	2937	3823
	City Gas	NM ³ /h	1573	2362	3143	3945	5503	7877	10222
	Light Oil	Kg/h	601	898	1197	1496	2093	2997	3893
Gas Inlet Pressure	Natural Gas	Mbar	150-200	150-300	150-300	150-300	150-300	150-300	150-300
	City Gas	Mbar	150-200	150-300	150-300	150-300	150-300	150-300	150-30

Remarks: The fuel consumption in above table are counted the low calorific value of light oil as 42915 KJ/Kg(10260Kcal/Kg), the low calorific value of natural gas as 35588 KJ/NM3(8500Kcal/NM3), the low calorific value of liquefied oil as 45998 KJ/Kg(11000Kcal/Kg), the low calorific value of city gas as 16750 KJ/NM3(4000Kcal/NM3).

Transport Dimension	L	mm	5633	6365	6665	Separated Transport	Separated Transport	Separated Transport	Separated Transport
	W	mm	3300	3585	3585				
	H	mm	3400	3478	3850				
Main Steam Valve Pipe Diameter	DN	mm	150	150	200	200	250	2×150	2×150
Feed Water Valve	DN	mm	50	65	65	80	100	125	125
Drain Valve Pipe Diameter	DN	mm	40	40	50	50	50	50	50

Chimney Diameter	DN	mm	750	1000	1100	1300	1500	2000	2000
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External and Interface Dimension of Series Oil & Gas Fired Steam Boiler
Remarks: We will reserve rights to change the above mentioned data due to continuous policy transformation and product improvement.



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