



Food Industry Oil Fired Industrial Hot Water Boiler Six Ton Per Hour Wet Back Structure

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

- Thermal Power: 0.35-2.8
- Working Pressure: 0 MPa
- Efficiency: 96%
- Fuel: Gas&oil
- Dimension: Depends
- Warranty: 2 Years
- Condition: New
- Style: Horizontal
- Highlight: oil steam boiler, oil fired hot water furnace

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Product Description

Product Discription

Series Pressure Horizontal Oil Fired Hot Water Boiler

The series Horizontal Oil fired gas hot water boilers are fast -charging boilers, combustion and three -way fire pipes which assume a wet back structure. High -temperature smoke gas rinses off the two and three -way fire pipes and then discharges from behind into the atmosphere. Fireplace and capacitors, fireplace. The boiler is equipped with a movable front and rear smoke box that is suitable for maintenance.

Product Features

1. Reasonable design:

Horizontal internal combustion three-return full wet back structure, water-in-fire design, wavy furnace gallbladder, with good expansibility. It has sufficient heating area and reasonable structure layout.

2. High efficiency and energy savings:

corrugated paper gall bladder, threaded flue gas pipe, large room combustion room with reasonable structure layout to achieve low energy consumption. With high heat transfer efficiency, the boiler thermal efficiency can reach more than 96%.

3. Production specification:

Each component of the boiler is manufactured in accordance with national and international standards (ISO).

4. Large water volume:

Boiler has large water volume, handling fluctuation of load and variation of peak value, so as to make the operation condition stable.

5. Longevity and durability:

Professional design of boilers and strict quality control are the guarantee of the quality of every Yuji boilers. The service life of the boilers used is more than 20 years.

6. Easy maintenance:

front and rear movable smoke box doors, rear inspection holes can enter the furnace for inspection and cleaning. Opening Manhole in Ontology. Head holes and hand holes, structural design fully considers future maintenance.

Technical Parameters

Main Technical Parameters of Series Pressure Hot Water Boilers

Rated Heat Efficiency		MW	0.35	0.7	1.4		4.2	7	10.5	14
Rated Working Pressure		MPa	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.25
Rated Effluent temperature		°C	95	95	115	115	115	115	115	115
Return water temperature		°C	70	70	70	70	70	70	70	70
Efficiency		/	>96%							
Design Fuel		/	Natural gas, liquid gas, city gas, light oil							
Fuel Theoretic al consumption	gas	NM3/h	37	74	146	288	434	729	1080	1450
	Liquid gas	Kg/h	29	58	116	232	350	586	869	1149
	City Gas	NM3/h	79	157	305	603	943	1572	2347	3141
	Light Oil	Kg/h	31	62	119	237	357	602	903	1203
	Natural gas	mbar	70-100	100-150	100-150	150-200	150-200	150-200	150-300	150-300
	City gas	mbar	100200	100-200	100-200	150-200	150-200	150-200	150-300	150300
Rated water circulation		M³/h	12	24	26.67	53.33	80	133.33	200	266.67
water capacity		M³	1.1	5.2	6.26	7.19	9	14.1	26.9	35.2


Note: The fuel consumption in the table is calculated by low calorific value of light oil 42915KJ/Kg (10260Kcal/Kg), low calorific value of natural gas 35588KJ/NM³ (8500Kcal/NM³), low calorific value of liquefied gas 45998KJ/Kg (11000Kcal/Kg), low calorific value of urban gas 16750K/NM³ (4000Kcal/NM³).

Configuration and Interface Dimensions of Series Pressure Hot Water Boilers

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Host transport dimensions (length * width * height)	/	mm	2949*14 54*170 7	3198*18 80*216 6	4131*22 47*242 2	4928*22 50*260 0	5401*24 06*265 0	6280*26 40*317 6	7804*33 93*354 0	9120*44 00*4100
Host Weight	/	t	2.8	5	8	10.5	17.8	19	35	48
Outlet Valve Diameter	DN	mm	50	65	100	125	125	200	200	200
Backwater Valve Diameter	DN	mm	50	65	100	125	125	200	200	200
Atmospheric Connecting Pipe Diameter	DN	mm	40	50	2,40	2*50	2,65	2,80	2*100	2*150
Drainage Valve Diameter	DN	mm	40	40	2*40	2*40	2,40	2*40	2*50	2*50
Chimney diameter	DN	mm	250	280	350	400	600	750	1000	1100

Note: Due to the continuous updating of products, the company reserves the right to modify the data in the above two tables.

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