

# WNS Integrated Condensing Steam Boiler

Product Details

**PDF**





120,000m<sup>2</sup>  
Production Base



6,000m<sup>2</sup>  
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: 1-20 t/h

Rated thermal efficiency: 100-104%

Applicable fuel: Natural gas, city gas, diesel, heavy oil, etc.

Applications: Food, construction, textile, hospital, etc.

Integrated design concept makes this steam boiler product different from the usual products. You will spend less area and less fuel consumption when you adopt this boiler in your factory or your heating system.

Features:

Low pollution、 Easy operation、 High efficiency、 Advanced structure



>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

### Automatic control

Fully automatic control and complete functions. Once come into use, the boiler automatically operates, automatically regulates the water level and water temperature, and automatically protects.

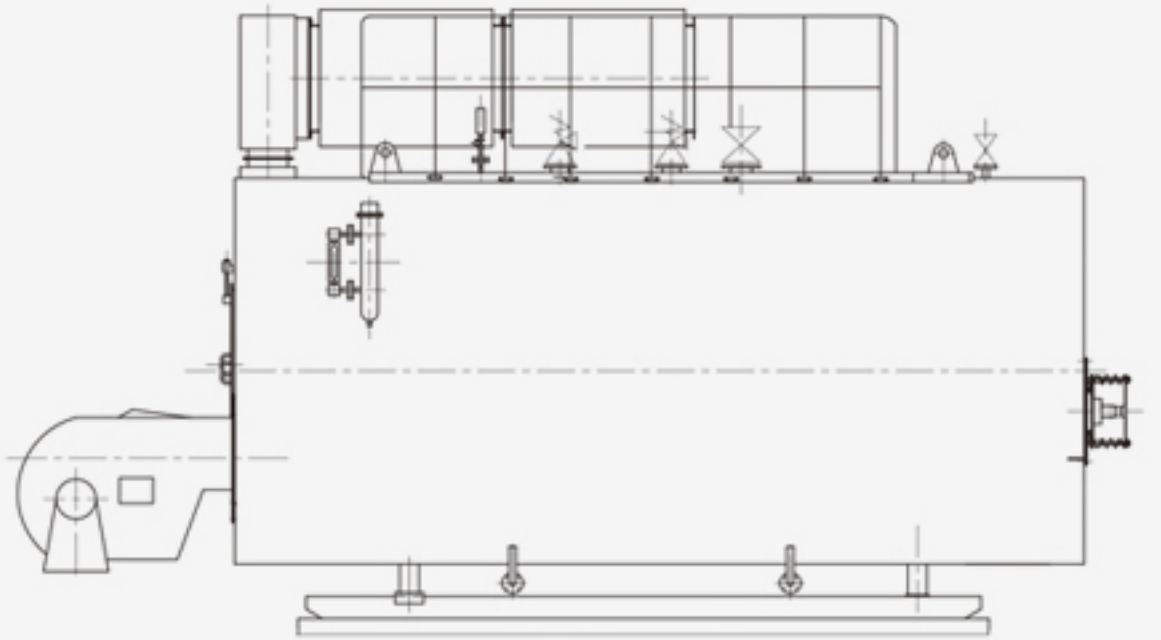
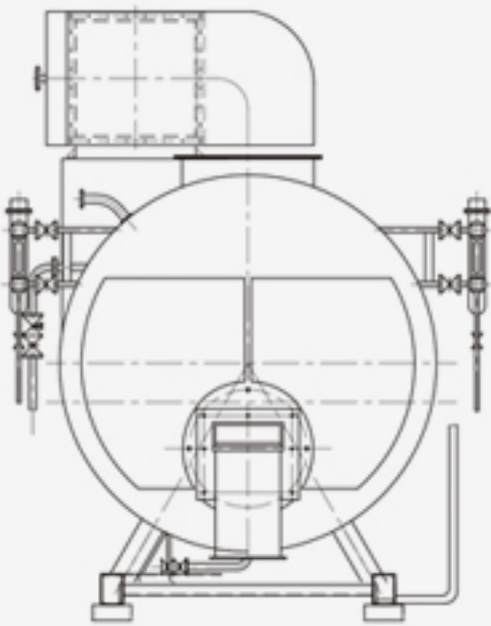
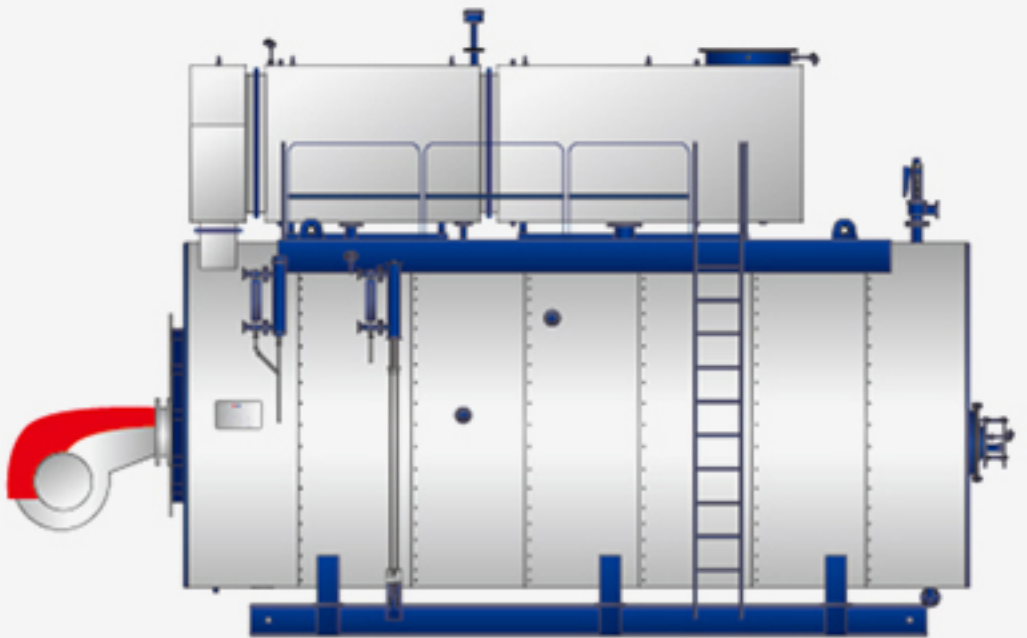
### High efficiency

This vertical boiler has a waste heat using method and that makes the thermal efficiency can be as high as 98%. The product exhaust temperature can be reduced to 60°C.

### 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 NOx.

# Boiler Planar View



▲ Boiler Front View

▲ Boiler Lateral View

# Specifications

Model	Rated evaporation	Fuel consumption				Boiler max size			Water inlet-DN	Main air outlet-DN
		Diesel	Heavy oil	Natural gas	City gas	A	B	C		
Unit	t/h	kg/h	kg/h	Nm <sup>3</sup> /h	Nm <sup>3</sup> /h	mm	mm	mm	mm	mm
WNS1 1.0-YQ	1	63.1	65.6	66.7	135.4	3650	2320	2970	25	50
WNS2 1.25-YQ	2	126.2	131.2	133.4	270.9	4650	2920	3640	40	65
WNS3 1.25-YQ	3	189.3	196.8	200	406.3	5340	2990	3860	40	80
WNS4 1.25-YQ	4	252.5	262.4	266.7	541.7	6170	2930	4170	40	100
WNS6 1.25-YQ	6	378.7	393.7	400.1	812.6	6760	3160	4390	40	125
WNS8 1.25-YQ	8	504.9	524.9	533.4	1083.5	7720	3710	5210	50	125
WNS10 1.25-YQ	10	631.2	656.1	666.8	1354.3	7940	3770	5210	50	150
WNS15 1.25-YQ	15	946.7	984.2	1000.2	2031.5	9300	5390	5490	50	200
WNS20 1.25-YQ	20	1262.3	1312.2	1333.6	2708.6	9500	5770	5930	50	200

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

## Boiler part case



Yurun Food Co., Ltd.



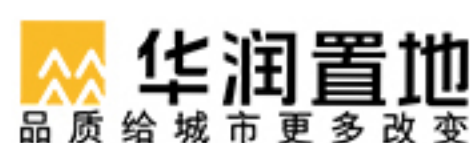
Nonferrous Metals Co., Ltd.

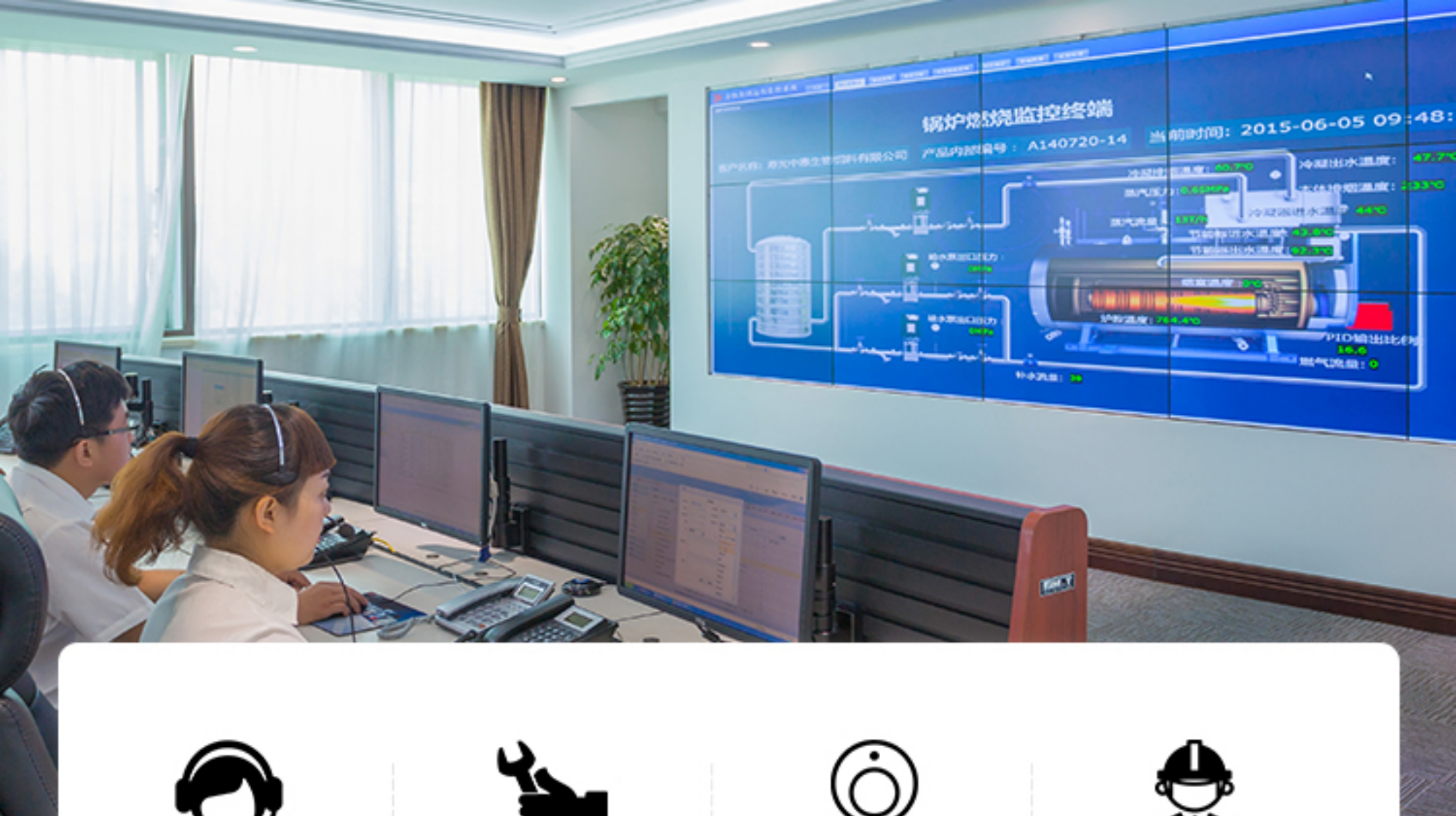


Xufei Technology Co., Ltd.



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.



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