

HEAVY DUTY

BOILER

Heating System



Energy
Saving



Intelligence
System



User
Safety

Table of Content

WNS CONDENSING STEAM BOILER	2
WNS THREE PASS STEAM BOILER	6
CWNS ATMOSPHERIC HOT WATER BOILER	9
FULLY PREMIXED CONDENSING COMMERCIAL HOT WATER BOILER	14
SZS WATER TUBE SATURATED STEAM BOILER	18
SZS WATER TUBE HOT WATER BOILER	21
CWDR ELECTRIC HOT WATER BOILER.....	24
LDR/WDR ELECTRIC STEAM BOILER.....	27



WNS CONDENSING STEAM BOILER

Applicable Fuel: **Oil/Gas**



NOx Emission
≤30mg/m³

>> *Equipped with ultra-low nitrogen burner*

Thermal Efficiency
103%

WNS CONDENSING STEAM BOILER

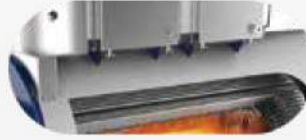
Applicable Area

It is suitable for every heavy industry such as Steel Industry, Chemical, New Energy, Aerospace, etc. also light industry such as printing, food and beverage, Laundry, Hotel, etc.



Stable & Fast Output

Stable and fast steam output, built-in steam-water separator to ensure high-quality steam



Mature Structure

Full wet back structure, big combustion room design

PLC Control System

Siemens PLC control and touch screen, multiple protections, convenient and safe operation



Higher Heat Exchange

Corrugated furnace and threaded smoke pipes, higher heat exchange

Load Adjustable

Intelligent operation load adjustment, 30%-105% load range, lower fuel consumption



More Heat Recovery

Integrated economizer and condenser, 4%-8% more

Smart Group Control

Reserved ports and expansion modules can realize group control, remote monitoring and troubleshooting



Long Service Life

Special boiler steels, automatic welding process, long service life

WNS Condensing Steam Boiler Specification

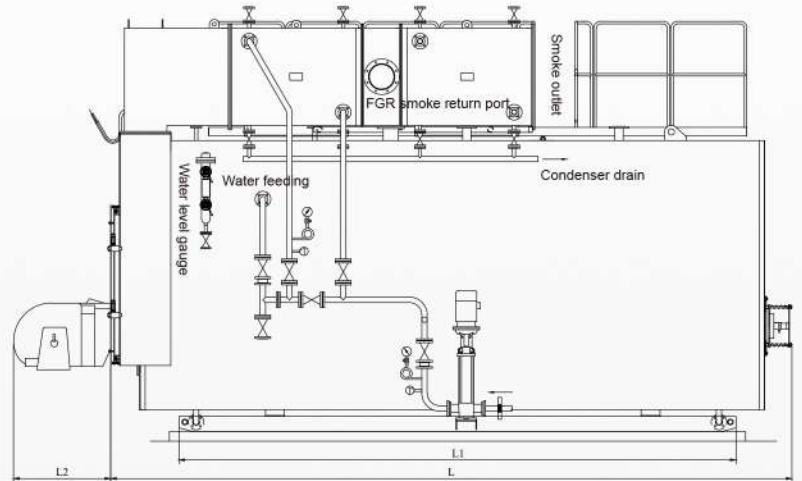
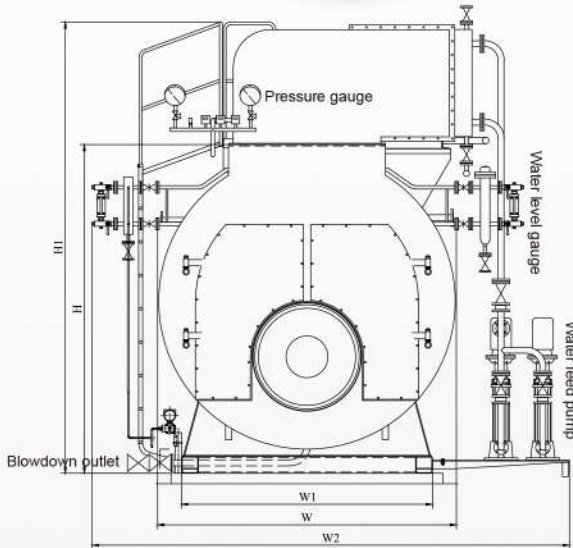
WNS Condensing Steam Boiler Technical Parameters

Model		WNS2	WNS4	WNS6	WNS8	WNS10	WNS12	WNS15	WNS20
Rated evaporation	t/h	2	4	6	8	10	12	15	20
Feeding water temp	°C	20	20	20	104	104	104	104	104
Rated steam pressure	MPa	1.0/1.25/1.6							
Rated steam temp	°C	184/193.4/204							
Applicable fuel	/	Natural gas / LPG / Diesel oil / Biogas							
Fuel consumption	N. gas Nm ³ /h	148.2	288.5	466	577	653.3	785	966	1327
	LPG Nm ³ /h	51.6	101.2	153	177.8	221.8	265.3	331.6	440.2
	Diesel oil kg/h	131.5	258.3	388	506	638	663	865	1094
Thermal efficiency	%	103%							
Power consumption	Kw	6.2	13	19.5	21.5	32	39	45	60
Voltage	V	220, 380/50Hz							
Gross weight	T	8.6	11.7	15.5	21.5	26.1	33.9	34.8	52.8
Water volume	m ³	6.92	8.58	12.54	17.4	28.26	32.3	33.5	46.2
Boiler back pressure	Pa	1070	1390	1620	1440	1580	1680	1850	1850
NOx emission value	/	≤150mg/Nm ³ / ≤80mg/Nm ³ / ≤30mg/Nm ³							

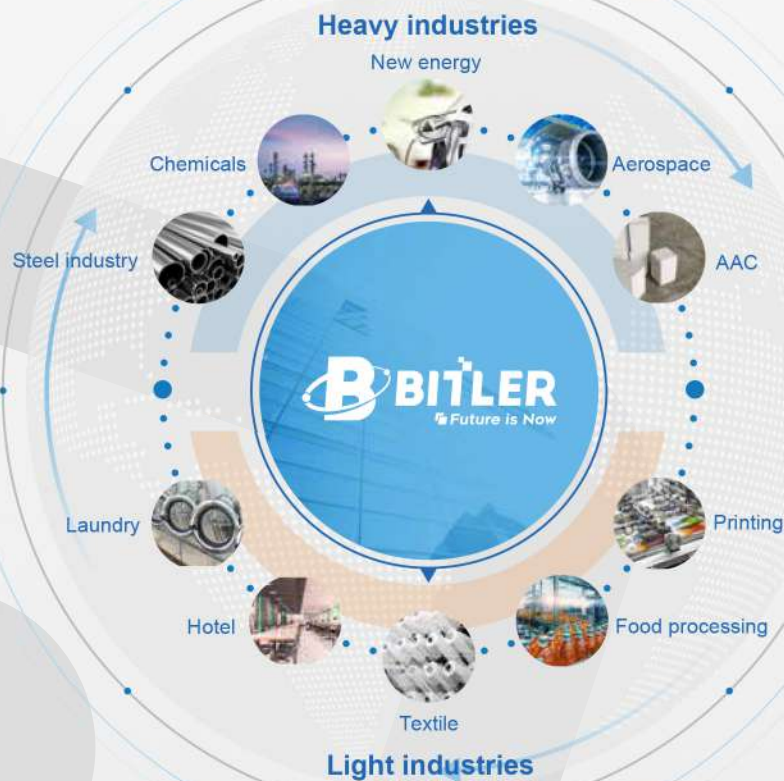
WNS Condensing Steam Boiler Installation Dimensions

Model		WNS2	WNS4	WNS6	WNS8	WNS10	WNS12	WNS15	WNS20
Water inlet	DN	32	40	40	50	50	50	65	65
Main steam outlet	DN	80	100	125	150	150	200	200	200
Sub-steam outlet	DN	40	40	40	40	40	40	50	50
Surface blowdown	DN	25	25	25	25	40	40	40	40
Safety valve	DN	2x40	2x50	2x65	2x80	2x80	2x80	2x100	2x100
Blowdown outlet	DN	50	50	50	50	50	2x50	2x50	2x50
Condensate drain		G2"x2	G2"x2	G2"x2	G2"x2	G2"x2	G2"x2	G2"x2	G2"x2
Smoke outlet	H x W	319x350	364x500	514x500	704x740	789x700	789x700	809x880	1105x990
	L	4457	5211	6125	6872	7153	7450	7740	8900
	L1	3300	4200	5000	5450	5860	6450	6500	5800
	L2	Determined according to burner size							
	W	2074	2330	2530	2700	2860	3300	3300	3620
	W1	1500	1800	2000	2200	2400	2500	2600	3200
	W2	3367	3596	3796	3990	4153	4271	4271	4493
	H	2305	2597	2826	3028	3230	3660	3660	3970
	H1	3421	3718	3945	4110	4325	5200	5200	5450

WNS Condensing Steam Boiler Technical Drawing



APPLICATION AREA





WNS THREE PASS STEAM BOILER

Applicable Fuel: **Oil/Gas**



Long working life
≤20 Years

>> *Quality guarantee*

Thermal Efficiency
96%

Equipped with economizer <<

WNS Three Pass Steam Boiler Specification

WNS Three Pass Steam Boiler Technical Parameters

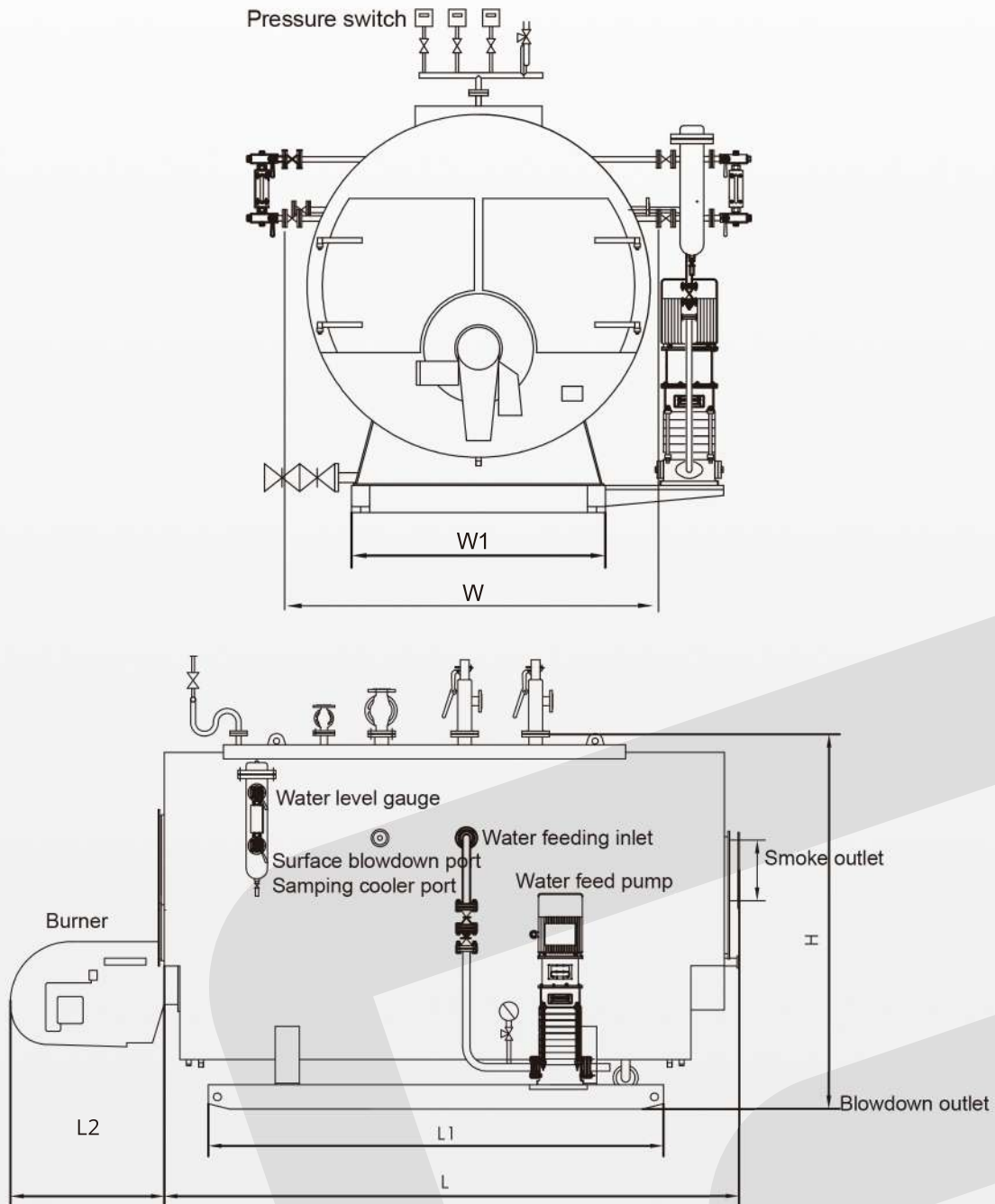
Model		WNS 0.5	WNS 1	WNS 2	WNS 3	WNS 4	WNS 5	WNS 6	WNS 8	WNS 10	WNS 15	WNS 20	
Rated evaporation	t/h	0.5	1	2	3	4	5	6	8	10	15	20	
Feeding water temp	°C	20	20	20	20	20	20	20	105	105	105	105	
Rated steam pressure	MPa	1.0/1.25/1.6											
Applicable fuel	/	Natural gas / LPG / Diesel oil / Heavy oil / Biogas											
Fuel consumption	N. gas	Nm ³ /h	41.4	81.1	159.6	239.5	321.2	397.5	478.7	636.3	711	1036	1396.8
	LPG	Nm ³ /h	14	28.1	51.3	81.2	103.3	128.9	145.7	194.7	244.9	366.9	491.8
	Diesel oil	Kg /h	31.3	67.1	132.5	198.2	265.8	329	396.2	526.8	588	855	1165.2
Thermal efficiency	%	96%											
Power consumption	Kw	2.5	3.7	4.5	13	13	18.5	18.5	33	33	55	77	
Voltage	V	380/50Hz											
Gross weight	T	3.5	5.3	7.4	10.9	12.9	15.3	16.4	22.8	25.5	34.7	52.8	
Water volume	m ³	2.1	3.4	5.2	6.1	8.5	10.4	12.7	18.1	22.3	34.3	46.8	
Boiler back pressure	Pa	348	420	550	640	780	840	860	1200	1300	2100	2500	
NOx emission value	/	≤150mg/Nm ³ / ≤80mg/Nm ³ / ≤30mg/Nm ³											

WNS Three Pass Steam Boiler Installation Dimensions

Model		WNS 0.5	WNS 1	WNS 2	WNS 3	WNS 4	WNS 5	WNS 6	WNS 8	WNS 10	WNS 15	WNS 20
Water inlet	DN	25	25	32	40	40	40	40	50	50	65	65
Main steam outlet	DN	40	50	80	100	100	125	125	150	150	200	200
Sub-steam outlet	DN	/	40	40	40	40	40	40	40	40	50	50
Safety valve	DN	40	2x40	2x40	2x40	2x50	2x65	2x65	2x80	2x80	2x100	2x100
Surface blowdown	DN	/	25	25	25	25	25	25	40	40	40	40
Blowdown outlet	DN	40	50	50	2x50	2x50	2x50	2x50	2x50	2x50	2x50	2x50
Smoke outlet	φ	280	280	400	500	500	600	600	700	800	900	1100
	L	3077	3535	4355	5400	5400	5600	5600	7000	7280	7603	8800
	L1	2164	2450	3300	4300	4300	4700	4700	5450	5860	6500	7200
	L2	Determined according to burner size										
Dimensions	W	1573	1860	2074	2260	2260	2530	2530	2790	2860	3280	3800
	W1	950	1300	1700	1800	1800	2000	2000	2200	2400	2600	3200
	H	1694	2100	2260	2512	2512	2830	2830	3218	3230	3700	4200

- Due to remodeling and development of the company's products, the above parameters may be changed without prior notice. If there is any change, the actual products shall prevail.
- The low fuel calorific value in the table is calculated according to the following values:
Diesel oil: 42875kJ/kg (10240kcal/kg) Natural gas: 35590kJ/Nm³ (8500kcal/Nm³) LPG: 100488kJ/Nm³(24000kcal/Nm³)
- Customized boilers with different evaporation capacity and working pressure are available according to customer requirements.

WNS Three Pass Steam Boiler Technical Drawing





CWNS ATMOSPHERIC HOT WATER BOILER

Applicable Fuel: **Oil/Gas**



NOx emission value
 $\leq 30\text{mg}/\text{m}^3$

>> *Equipped with ultra-low nitrogen burner*

Thermal Efficiency
96-98%

Condensing hot water boiler <<

CWNS ATMOSPHERIC HOT WATER BOILER



Applicable Area

It is suitable for every heavy industry such as Steel Industry, Chemical, New Energy, Aerospace, etc. also light industry such as printing, food and beverage, Laundry, Hotel, etc.

Efficient Insulation

High Quality Insulation Materials, Low Heat Dissipation Loss



Sufficient Heat Transfer

Three Pass Design, High Thermal Efficiency



Full Heating Surface

Spoiler Coil Technology, Increased Heating Area



High Thermal Efficiency

Condensing Heat Exchangers, Improved Thermal Efficiency



Multiple Protections

Integrated PLC Control Panel, Multiple Protections



Energy Saving Structure

Low Position Furnace Structure, Lower Heat Loss



Complete Combustion

Ultra-low Nitrogen Burners, More Complete Combustion



Anti-Corrosion Material

High Quality ND Steel Material, Prolonged the Boiler Life



CWNS Hot Water Boiler Specification

CWNS Hot Water Boiler Technical Parameters

Model		CWNS 0.35	CWNS 0.47	CWNS 0.58	CWNS 0.7	CWNS 0.93	CWNS 1.17	CWNS 1.4	CWNS 1.75	CWNS 2.1	CWNS 2.8	CWNS 3.5	CWNS 4.2	CWNS 5.6	CWNS 7	
Rated power	MW	0.35	0.47	0.58	0.7	0.93	1.17	1.4	1.75	2.1	2.8	3.5	4.2	5.6	7	
Water temp	°C	65/90														
Thermal efficiency	%	93%														
Fuel consumption	N. gas	Nm ³ /h	38.1	50.6	63.2	76.8	101.2	126.5	152.2	190.9	230.2	310.5	379.8	454.4	604.4	756
	LPG	Nm ³ /h	13.5	17.9	22.4	27	35.8	44.8	53.9	67.3	80.9	107.9	134.5	160.9	213.3	266.8
	Diesel oil	kg/h	31.6	42	52.5	63.2	84	105	126.4	157.7	189.6	252.8	315.4	377.2	501.3	626.7
Power consumption	kW	1	1	1.5	1.5	2	3	3	5.5	6.5	9.5	12	15	15	22	
Voltage	V	220, 380/50Hz														
Gross weight	t	1.6	1.6	2.13	2.13	2.96	3.16	3.16	5.36	5.65	6.71	9.72	9.84	14.2	22.3	
Water volume	m ³	0.65	0.65	1.5	1.5	2.2	2.2	2.2	3.2	3.5	5.2	8.3	8.3	13.5	13.5	
Boiler back pressure	Pa	100	110	130	150	160	230	230	280	350	480	825	825	936	1065	
NOx emission value		≤150mg/Nm ³ / ≤80mg/Nm ³ / ≤30mg/Nm ³														

CWNS Hot Water Boiler Installation Dimensions

Model		CWNS 0.35	CWNS 0.47	CWNS 0.58	CWNS 0.7	CWNS 0.93	CWNS 1.17	CWNS 1.4	CWNS 1.75	CWNS 2.1	CWNS 2.8	CWNS 3.5	CWNS 4.2	CWNS 5.6	CWNS 7
Water inlet	DN	80	80	100	100	125	125	125	150	200	200	200	200	250	250
Water outlet 1	DN	80	80	100	100	125	125	125	150	200	200	200	200	250	250
Water outlet 2	DN	80	80	80	80	125	125	125	150	200	200	200	200	250	250
Flue	φ	240	240	300	300	340	340	340	400	400	450	500	600	700	800
	L	2300	2300	2800	2800	3000	3300	3300	3800	4000	4300	4600	4800	5800	6500
	L1	2410	2410	2910	2910	3100	3400	3400	4050	4250	4600	4900	5100	5900	6600
	L2	Determined according to burner size													
	Dimensions	W	1400	1400	1500	1500	1700	1700	1700	1900	1900	2100	2300	2300	2700
	H	1450	1450	1550	1550	1800	1800	1800	1970	1970	2170	2390	2390	2720	2890
	H1	1550	1550	1650	1650	1905	1905	1905	2090	2090	2310	2530	2530	2870	2960
	H2	640	640	790	790	910	910	910	1430	1430	1500	1600	1600	1600	1650

- Due to remodeling and development of the company's products, the above parameters may be changed without prior notice. If there is any change, the actual products shall prevail.
- The low fuel calorific value in the table is calculated according to the following values:
Diesel oil: 42875kJ/kg (10240kcal/kg) Natural gas: 35590kJ/Nm³ (8500kcal/Nm³) LPG: 100488kJ/Nm³(24000kcal/Nm³)
- Customized boilers with different evaporation capacity and working pressure are available according to customer requirements.

CWNS Condensing Hot Water Boiler Specification

CWNS Condensing Hot Water Boiler Technical Parameters

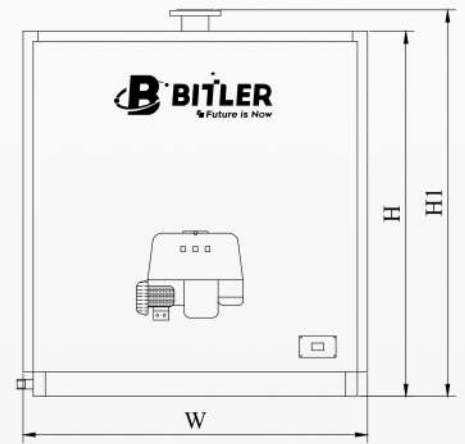
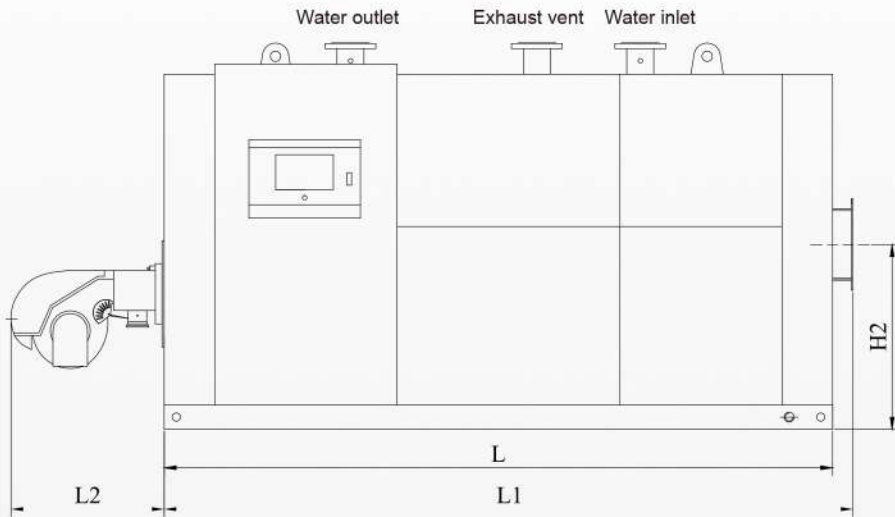
Model		CWNS 0.7	CWNS 0.93	CWNS 1.17	CWNS 1.4	CWNS 1.75	CWNS 2.1	CWNS 2.8	CWNS 3.5	CWNS 4.2	CWNS 4.9	CWNS 5.6	CWNS 7
Rated power	MW	0.7	0.93	1.17	1.4	1.75	2.1	2.8	3.5	4.2	4.9	5.6	7
Inlet/outlet water temp	°C	65/90											
Thermal efficiency	%	96-98%											
Applicable fuel		Natural gas / LPG / Diesel oil											
Fuel consumption	N. gas Nm ³ /h	72.2	96.1	120	144.2	180.2	216.2	288.3	360.9	434.7	504.8	577.5	722.2
	LPG Nm ³ /h	25.3	33.5	41.3	50.5	62.6	75.5	101.4	127.2	152.1	177.4	203.3	253.6
	Diesel oil kg/h	60.4	80.5	100.6	120.6	151	180.6	241.6	301.5	362.4	422.8	483.3	603.6
Power consumption	kW	1.5	1.5	3	4	4	6	9	12	15	15	15	22
Voltage	V	220, 380/50Hz											
Gross weight	t	2.55	3.84	4.1	3.93	6.3	6.3	7.57	10.4	10.7	14.14	14.14	22.6
Water volume	m ³	1.5	2.2	2.2	2.2	3.5	3.5	5.2	8.3	8.5	13.5	13.5	13.5
Boiler back pressure	Pa	220	285	290	410	425	486	550	1100	1225	1420	1536	1722
NOx emission value		≤150mg/Nm ³ / ≤80mg/Nm ³ / ≤30mg/Nm ³											

CWNS Condensing Hot Water Boiler Installation Dimensions

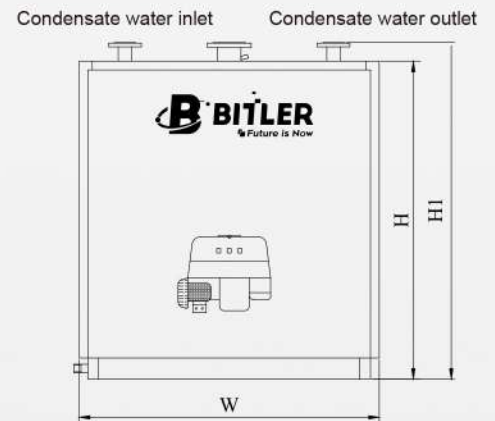
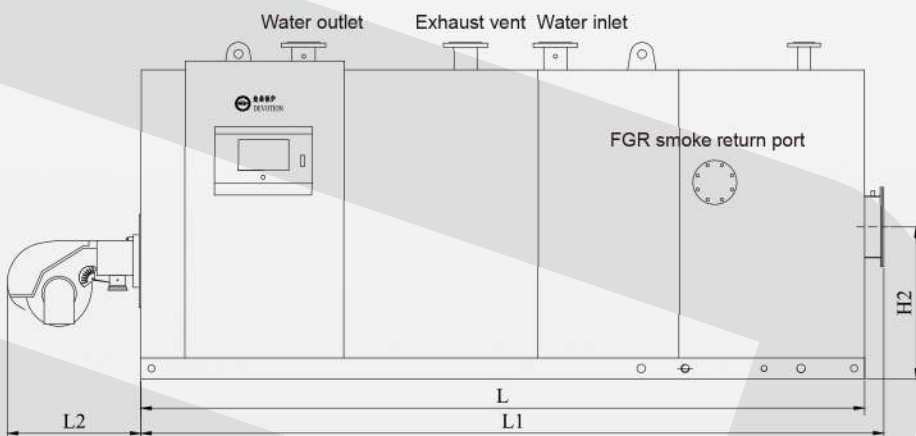
Model		CWNS 0.7	CWNS 0.93	CWNS 1.17	CWNS 1.4	CWNS 1.75	CWNS 2.1	CWNS 2.8	CWNS 3.5	CWNS 4.2	CWNS 4.9	CWNS 5.6	CWNS 7
Water inlet/outlet	DN	100	125	125	125	200	200	200	200	200	250	250	250
Condensate water	DN	50	50	65	65	80	80	80	80	80	100	100	100
Flue	φ	300	340	340	340	400	400	450	600	600	700	700	700
	L	3400	3800	4100	4100	4800	4800	5000	5400	5600	6770	6770	7600
	L1	3500	4000	4200	4200	5050	5050	5300	5700	5900	6800	6800	7710
	L2	Determined according to burner size											
	Dimensions	W	1500	1700	1700	1700	1900	1900	2100	2300	2300	2720	2720
	H	1550	1800	1800	1800	1970	1970	2170	2390	2390	2700	2700	2890
	H1	1650	1905	1905	1950	2090	2090	2240	2470	2470	2870	2870	2960
	H2	790	810	860	860	1010	1010	1130	1350	1350	1570	1570	1570

- Due to remodeling and development of the company's products, the above parameters may be changed without prior notice. If there is any change, the actual products shall prevail.
- The low fuel calorific value in the table is calculated according to the following values:
Diesel oil: 42875kJ/kg (10240kcal/kg) Natural gas: 35590kJ/Nm³ (8500kcal/Nm³) LPG: 100488kJ/Nm³(24000kcal/Nm³)
- Customized boilers with different evaporation capacity and working pressure are available according to customer requirements.

CWNS Atmospheric Hot Water Boiler Technical Drawing



CWNS Hot Water Boiler



CWNS Condensing Hot Water Boiler

FULLY PREMIXED CONDENSING COMMERCIAL HOT WATER BOILER



Smart



Low
Nitrogen



Safety



Mute



Antiseptic



Efficient



Wide
Application



Small



FULLY PREMIXED CONDENSING COMMERCIAL HOT WATER BOILER



Hotel



Office



Hospital

Applicable Area

With it's compact design, It is suitable for hotel, Commercial building, office, hospital and etc.

Compact Structure, small footprint

Complete machine transportation, short installation and commissioning period



Note: Comparing with a 0.5 tons boiler

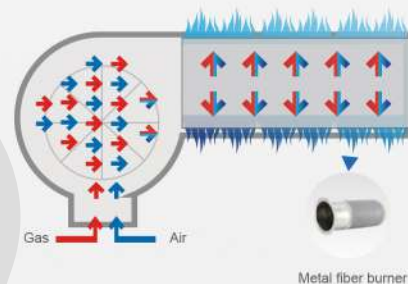
Stainless steel heat exchange system

Anti-corrosion, anti-scaling, long life

The 316 stainless steel material is an excellent heat conductor and has a strong resistance to acid condensate, Anti-corrosion, anti-scaling, and long life.

Fully premixed combustion system

Nitrogen oxide emission $\leq 30\text{mg/m}^3$



Multi intelligent group control

Flexible/safe/energy-saving operation

Modular parallel combination avoids excessive heating and ensures a constant air-fuel ratio. Flexible/safe/energy-saving operation.

DSMK Full Premixed Condensing Commercial Boiler Specification

DSMK Full Premixed Condensing Commercial Boiler Technical Parameters

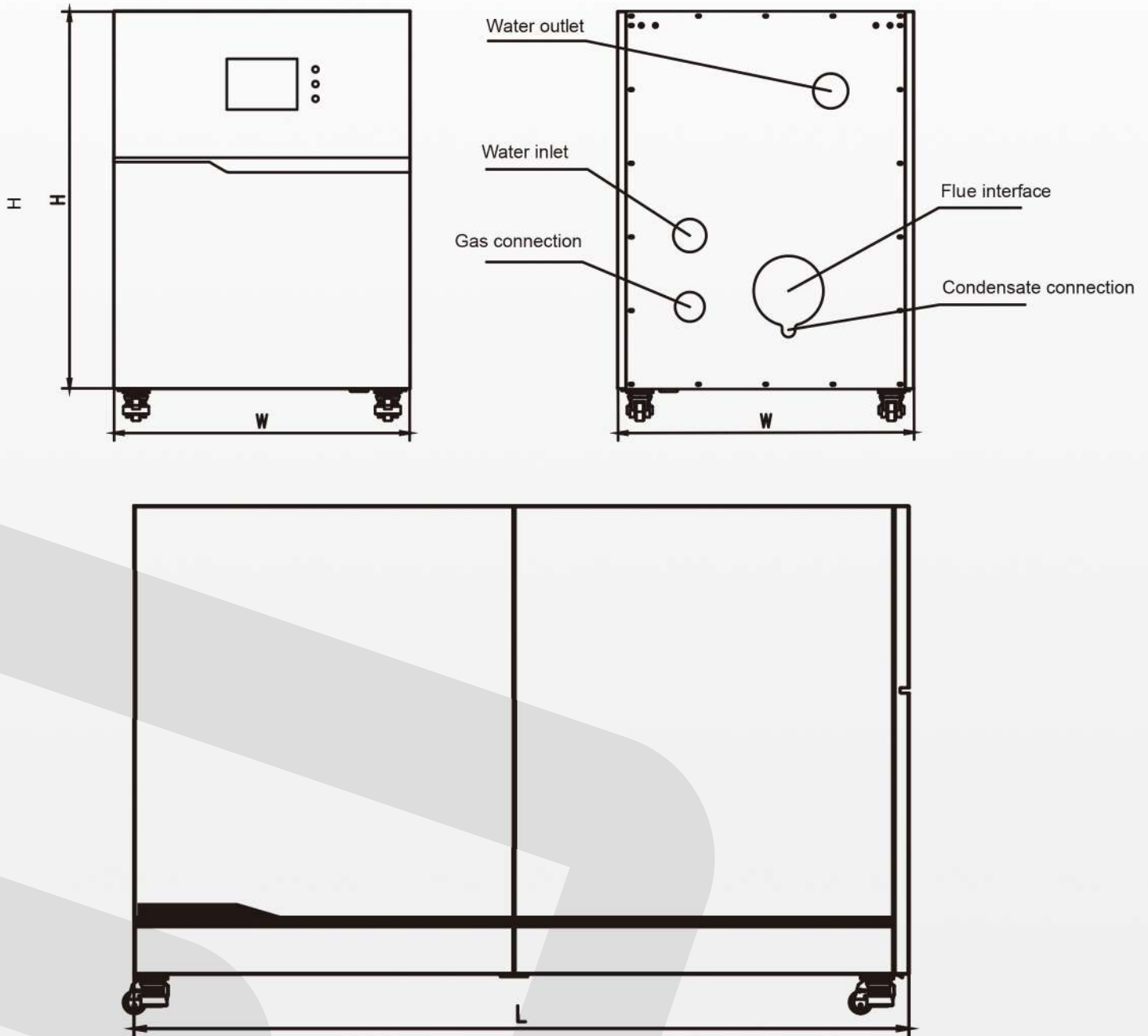
Model		DSMK 99	DSMK 120	DSMK 250	DSMK 350	DSMK 500	DSMK 700	DSMK 1050	DSMK 1400	DSMK 2100	DSMK 2800
Rated power	Kw	99	120	250	350	500	700	1050	1400	2100	2800
Gas pressure	KPa	2-7	2-7	3-10	3-10	3-10	3-10	4-10	4-10	4-10	4-10
Max thermal efficiency	%	108%									
Fuel type	/	Natural gas									
Gas consumption	Nm ³ /h	9.4	11.4	22.8	33.2	47.5	66.5	99.7	133	199.5	266
Circulating water flow ($\Delta T=20^{\circ}\text{C}$)	m ³ /h	4	5	10	15	21	30	45	60	90	120
Exhaust temp	$^{\circ}\text{C}$	<60									
NOx emission value	mg/m ³	<30									
Shipping weight	kg	118	125	200	240	400	450	500	900	1000	2000
Noise	dB	≤ 50									
Power supply	V/Hz	220/50	220/50	220/50	220/50	220/50	220/50	220/50	220/50	380/50	380/50
Electric power	Kw	0.3	0.3	0.4	0.4	1.2	1.2	2.4	2.4	4.8	9.6

DSMK Full Premixed Condensing Commercial Boiler Installation Dimensions

Model		DSMK 99	DSMK 120	DSMK 250	DSMK 350	DSMK 500	DSMK 700	DSMK 1050	DSMK 1400	DSMK 2100	DSMK 2800
Height H	mm	1160	1160	1120	1120	1315	1325	1530	2545	2950	2545
Width W	mm	500	500	810	810	880	920	1020	920	1020	1740
Length L	mm	650	650	1375	1750	1815	2215	2285	2215	2285	2215
Water inlet	DN	32	32	50	50	65	65	80	100	125	125
Water outlet	DN	32	32	50	50	65	65	80	100	125	125
Gas connection	DN	25	25	40	40	50	50	50	65	65	80
Flue interface	DN	110	110	200	200	250	250	250	400	400	2x400
Condensate connection	DN	20	20	20	20	25	25	32	32	32	2X32

- Due to remodeling and development of the company's products, the above parameters may be changed without prior notice. If there is any change, the actual products shall prevail.
- All the above values are calculated based on the low calorific value of natural gas (LNG) 8500 Kcal/Nm³
- Customized boilers are available according to customer requirements.

DSMK Full Premixed Condensing Commercial Boiler Technical Drawing



SZS WATER TUBE SATURATED STEAM BOILER



Compact Design, High Sealing,
Less Heat Loss, High Thermal Efficiency



Full Membrane Wall Structure
Good Rigidity, Safer Operation



Single Stroke Convection Tubes
Slight Positive Pressure Combustion



Natural Circulation Loop,
Small Resistance, Effectively Prevents
Occurrence of Tube Burst Accidents



Compound Circulation Loop,
Safe and Reliable Water Circulation



Large Furnace Design
Low NOx Emissions



International Brand Burner
Automatic Protection Systems



Advanced PLC Automatic Control
Technology, IOT function optional



NOx Emission
≤30mg/m³

>> Equipped with ultra-low nitrogen burner

Thermal Efficiency
101%

Condensing boiler <<

SZS Water Tube Saturated Steam Boiler Specification

SZS Water Tube Saturated Steam Boiler Technical Parameters

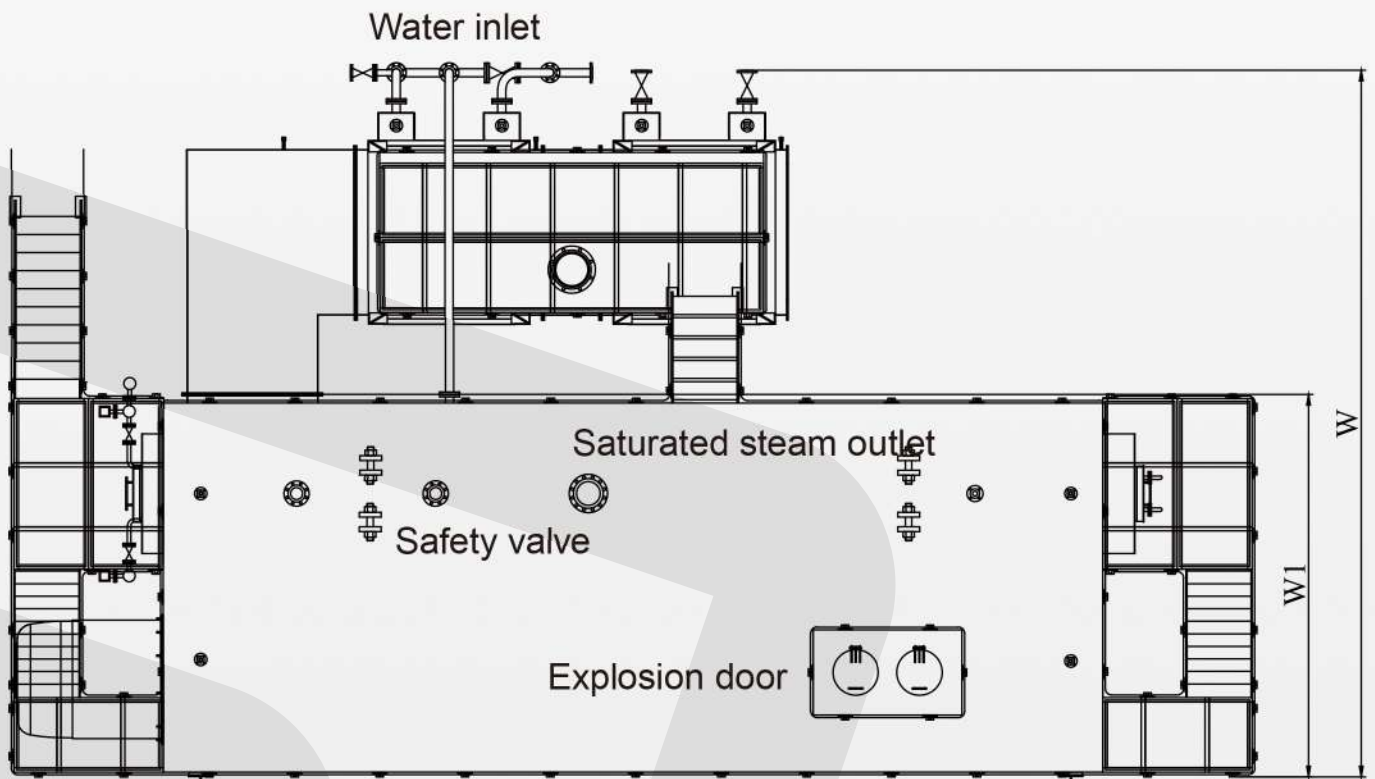
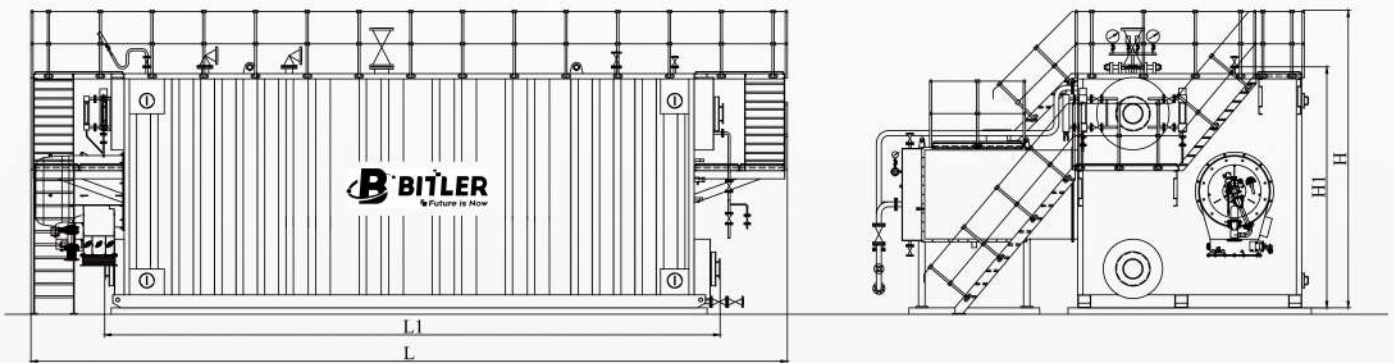
Model		SZS10	SZS15	SZS20	SZS25	SZS30	SZS35	SZS40
Rated evaporation	t/h	10	15	20	25	30	35	40
Rated working press'	MPa	1.25/1.6/2.0						
Rated steam temp	°C	194/204/213						
Economizer feed water temp	°C	104						
Condenser feed water temp	°C	20						
Load regulation range	%	20-100						
Exhaust temperature	°C	52	50	50	52	50	50	50
Thermal efficiency	%	101%						
N. gas consumption	Nm ³ /h	661	991	1321	1652	1979	2308	2669
NOx emission value	/	≤150mg/Nm ³ / ≤80mg/Nm ³ / ≤30mg/Nm ³						
Water volume	m ³	11	13	15	16	20	22	24
Min installation space required	mm	front≥3500, sides≥1800, rear≥1800						
Boiler back pressure	Pa	1450	1610	1750	1850	1900	2000	2300

SZS Water Tube Saturated Steam Boiler Installation Dimensions

Model		SZS10	SZS15	SZS20	SZS25	SZS30	SZS35	SZS40
Water feeding pipe	DN	50	65	65	80	80	80	80
Main steam pipe	DN	150	200	200	200	200	250	250
Safety valve	DN	2x80	2x100	2x100	2x125	2x125	2x150	2x150
Dimensions	L	9900	10730	11700	11700	12700	14000	15000
	W	6100	6600	6800	7100	7400	7500	7500
	H	4700	4800	4800	5000	5300	5400	5400
Max shipping dimensions	L1	8200	9100	9770	9770	10900	11780	11780
	W1	3500	3700	3660	4000	4120	4200	4200
	H1	3750	3850	3810	4010	4320	4420	4420
Max shipping weight	T	28	35	42	46	55	59	66
Boiler gross weight	T	36.15	45.66	53.1	57.8	67.1	73.1	82.99

- Due to remodeling and development of the company's products, the above parameters may be changed without prior notice. If there is any change, the actual products shall prevail.
- All the above values are calculated based on the low calorific value of natural gas (LNG) 8500 Kcal/Nm³
- Customized boilers are available according to customer requirements.

SZS Water Tube Saturated Steam Boiler Technical Drawing



SZS WATER TUBE HOT WATER STEAM BOILER



Compact Design, High Sealing,
Less Heat Loss, High Thermal Efficiency



Full Membrane Wall Structure
Good Rigidity, Safer Operation



Single Stroke Convection Tubes
Slight Positive Pressure Combustion



Natural Circulation Loop,
Small Resistance, Effectively Prevents
Occurrence of Tube Burst Accidents



Compound Circulation Loop,
Safe and Reliable Water Circulation



Large Furnace Design
Low NOx Emissions



International Brand Burner
Automatic Protection Systems



Advanced PLC Automatic Control
Technology, IOT function optional



NOx Emission
≤30mg/m³

>> Equipped with ultra-low nitrogen burner

Thermal Efficiency
96%

Condensing boiler <<

SZS Water Tube Hot Water Boiler Specification

SZS Water Tube Hot Water Boiler Technical Parameters

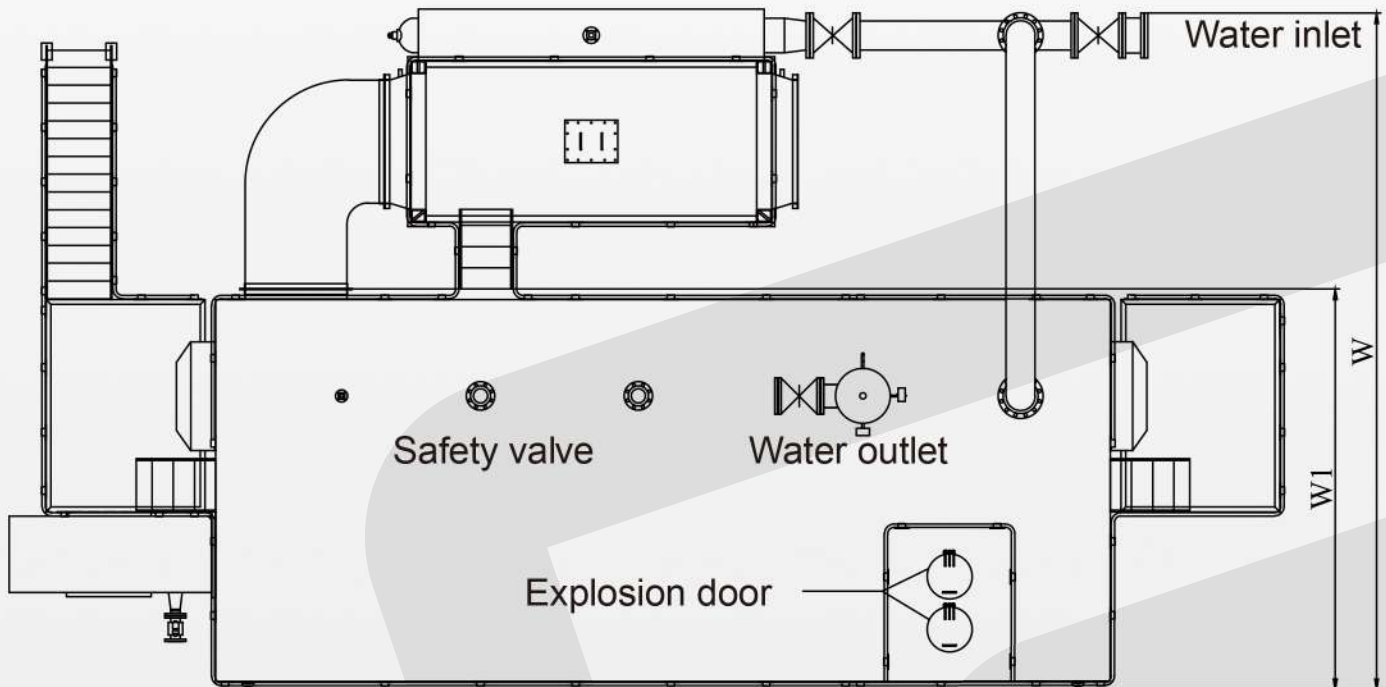
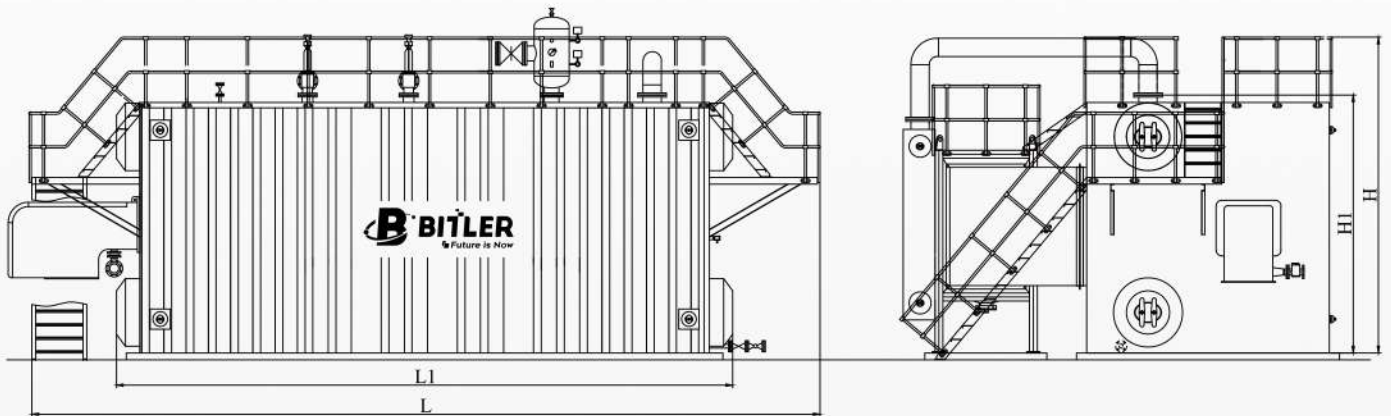
Model		SZS14	SZS17.5	SZS21	SZS24.5	SZS29	SZS35
Rated power	MW	14	17.5	21	24.5	29	35
Rated working pressure	MPa	1.25/1.6/2.0					
Inlet/outlet water temp	°C	70/130					
Circulating water volumem ³ /h		200	250	300	350	413	500
N. gas consumption	Nm ³ /h	1494	1866	2238	2610	3090	3727
Load regulation range	%	20-100					
Thermal efficiency	%	96%					
NOx emission value	/	≤150mg/Nm ³ / ≤80mg/Nm ³ / ≤30mg/Nm ³					
Water volume	m ³	12	14	16	17	18	21
Min installation space required	mm	front≥3500, sides≥1800, rear≥1800					
Noice at rated power	DB(A)	≤85					
Smoke resistance	Pa	1300	1600	1900	1700	2200	2250

SZS Water Tube Hot Water Boiler Installation Dimensions

Model		SZS14	SZS17.5	SZS21	SZS24.5	SZS29	SZS35
Water outlet	DN	200	200	250	250	250	300
Return water inlet	DN	200	200	250	250	250	300
Safety valve	DN	2x100	2x125	2x125	2x150	2x150	2x150
Dimensions	L	11250	12040	13080	13080	14000	14900
	W	6340	6420	6520	7100	7510	7900
	H	5120	5120	5320	5420	5420	5420
Max shipping dimensions	L1	8340	9140	10180	10180	11100	12000
	W1	3610	3810	3800	4200	4200	4600
	H1	3920	3920	4120	4220	4220	4220
Max shipping weight	T	34	41	48	51	56	65
Boiler gross weight	T	43.3	53.35	63.9	70.05	74.55	85.25

- Due to remodeling and development of the company's products, the above parameters may be changed without prior notice. If there is any change, the actual products shall prevail.
- All the above values are calculated based on the low calorific value of natural gas (LNG) 8500 Kcal/Nm³
- Customized boilers are available according to customer requirements.

SZS Water Tube Hot Water Boiler Technical Drawing





CWDR ELECTRIC HOT WATER BOILER



PLC
Control



24 Hours
Hot Water



Multiply
Protection



Quality
Assurance



Timing
Constant



www.indotara.co.id

CWDR Electric Hot Water Boiler Specification

CWDR Electric Hot Water Boiler Technical Parameters

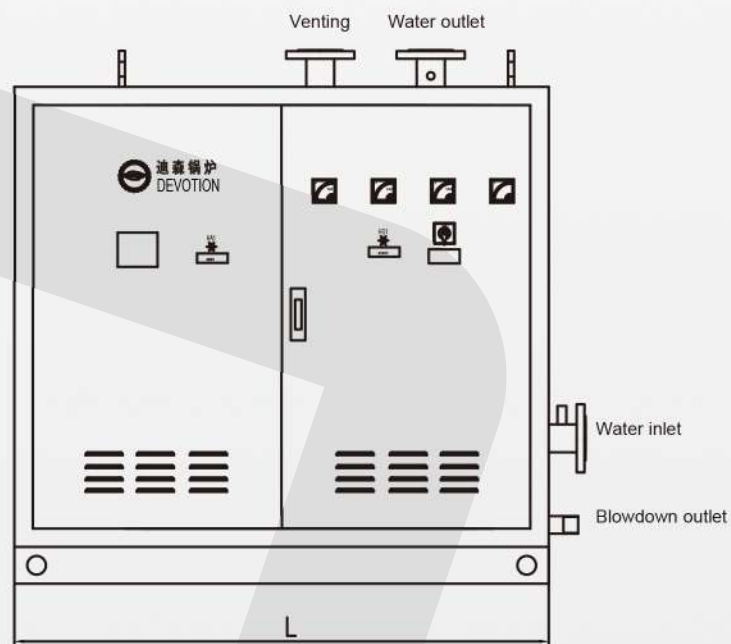
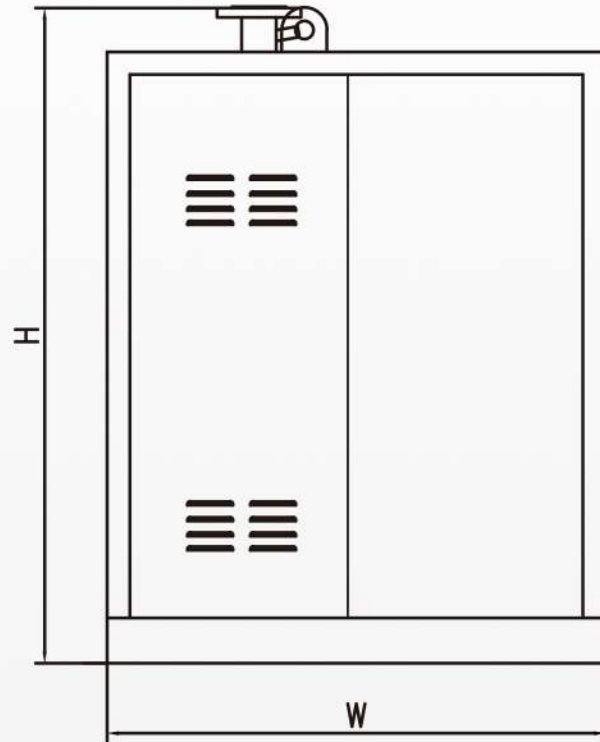
Model	CWDR0.12	CWDR0.18	CWDR0.24	CWDR0.30	CWDR0.36	CWDR0.48	CWDR0.6	CWDR0.72
Rated power	kW 120	180	240	300	360	480	600	720
Rated outlet/return water temp'	°C 90/65							
Input voltage	V 380/50Hz							
Input power	kW 120	180	240	300	360	480	600	720
Gross weight	t 0.57	0.60	0.71	0.86	0.88	0.9	1.23	1.25
Operation weight	t 1.2	1.24	1.64	1.58	1.88	3.58	3.57	3.64
Control cabinet qty	1	1	1	1	1	1	1	1

CWDR Electric Hot Water Boiler Installation Dimensions

Model	CWDR0.12	CWDR0.18	CWDR0.24	CWDR0.30	CWDR0.36	CWDR0.48	CWDR0.6	CWDR0.72
Water outlet	DN 40	40	50	65	65	65	80	80
Water inlet	DN 40	40	50	65	65	65	80	80
Venting	DN 40	40	50	65	65	65	80	80
Blowdown	- G1 1/2"	G1 1/2"	G1 1/2"	G1 1/2"	G1 1/2"	G1 1/2"	G1 1/2"	G1 1/2"
Dimensions	L	1450	1450	1450	1550	1550	1550	1550
	W	950	950	1050	1100	1100	1100	1100
	H	1300	1300	1350	1450	1450	1470	2050

- Due to remodeling and development of the company's products, the above parameters may be changed without prior notice. If there is any change, the actual products shall prevail.
- Customized boilers are available according to customer requirements.

CWDR Electric Hot Water Boiler Technical Drawing





LDR/WDR ELECTRIC STEAM BOILER



PLC
Control



Faster
Steam



Multi
Protection



High
Efficiency



Easy
Operation

www.indotara.co.id

LDR/WDR Electric Steam Boiler Specification

Pressurized Electric Steam Boiler Technical Parameters

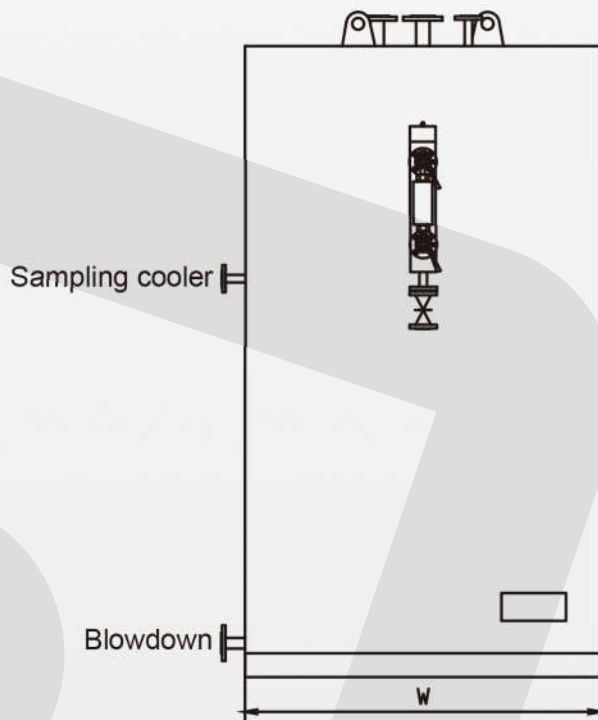
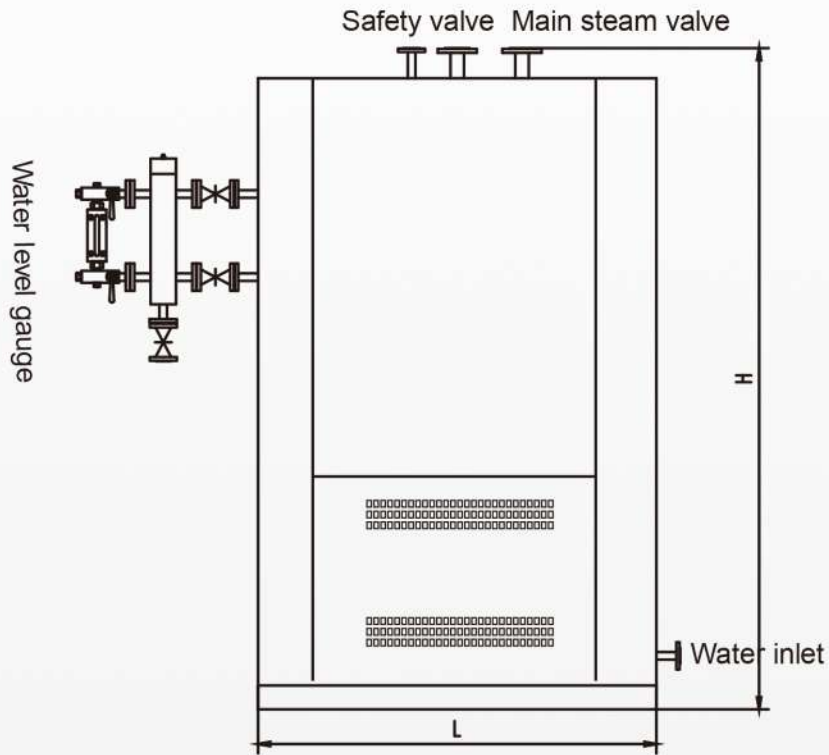
Model		LDR0.3	LDR0.5	LDR1.0	WDR2.0
Rated evaporation	t	0.3	0.5	1	2
Rated steam pressure	Mpa	0.7/1.0/1.25			
Water temp'	°C	20	20	20	20
Input voltage	V	380/50HZ			
Input power	kW	210	360	720	1410
Gross weight	t	1.01	1.49	1.78	2.42
Operation weight	t	2.36	2.85	4.08	5.3
Control cabinet qty	-	1	1	1	2

Pressurized Electric Steam Boiler Installation Dimensions

Model		LDR0.3	LDR0.5	LDR1.0	WDR2.0
Main steam valve	DN	40	40	50	80
Water inlet	DN	25	25	25	32
Blowdown	DN	40	40	40	50
Safety valve	DN	40	40	40	40
Dimensions	L	1480	1480	1680	3900
	W	1480	1480	1500	1750
	H	2134	2334	2786	1750

- Due to remodeling and development of the company's products, the above parameters may be changed without prior notice. If there is any change, the actual products shall prevail.
- Customized boilers are available according to customer requirements.

CWDR Electric Hot Water Boiler Technical Drawing



INDOTARA[®]

PT. INDOTARA PERSADA

Our Marketing Office and After Sales Service Center

Head Office

50/F, Menara BCA Grand Indonesia
Jl. M.H. Thamrin No.1
Jakarta Pusat 10310

021 - 5011 2224

dce@indotara.id



Semarang Office

Wisma HSBC Lt. 6 Suite 609
Jl. Gajah Mada No.135
Semarang, Jawa Tengah 50134

024 - 40 33 88 99

smg.dce@indotara.id



Marketing Office

APL Tower 6th Floor No. 6 Central Park,
Jl. Letjen S. Parman Kav 28,
Jakarta Barat - 11440

021 - 5020 3030

dce@indotara.co.id



Medan Office

Sutomo Tower Lantai 5H
Jl. Sutomo Ujung No.28,
Kota Medan, Sumatera Utara 20235

061 - 50 300 600

mdn.dce@indotara.id



Graha Indotara

Millenium Industrial Estate
Jl. Millenium 22 Blok R3 No. 1
Cikupa, Tangerang - Banten 15720

021 - 5011 2224

dce@indotara.id



Makassar Office

Fajar Graha Pena Lt. 5
Jl. Urip Sumoharjo No. 20,
Makassar - South Sulawesi 90234

021 - 5011 2224

mks.dce@indotara.id



Bandung Office

Wisma HSBC Lt. 6 Suite B
Jl. Asia Afrika No. 116
Bandung, Jawa Barat 40112

021 - 5011 2224

bdg.dce@indotara.id



Balikpapan Office

Panin Tower Lt. 8 - Grand Sudirman
Jl. Jendral Sudirman No.7 Klandasan Ilir,
Balikpapan Kota, Kalimantan Timur 76114

021 - 5011 2224

bpp.dce@indotara.id



Surabaya Office

Japfa Indoland Center, Tower I Lt. 10/1008
Jl. Jendral Basuki Rahmat 129-137
Surabaya 60271

031 - 3313 3333

sby.dce@indotara.id



Bali Office

Benoa Square Lt. 2
Jl. Bypass Ngurah Rai No. 21 A Kedonganan,
Kuta Badung - Bali Indonesia 80361

021 - 5011 2224

bali.dce@indotara.id



Yogyakarta Office

Hartono Mall Yogyakarta Lt. 3
Kaliwaru, Condongcatur,
Sleman, Yogyakarta 55281

021 - 5011 2224

yog.dce@indotara.id



Singapore Office

Marina Bay Financial Centre Tower 3
17F, 12 Marina Boulevard
Singapore - 018982

021 - 5011 2224

sing.dce@indotara.id

