



High-tech enterprise engaged
in design and manufacture of boilers



Vertical Oil/Gas-Fired Steam Boiler

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Model			B-LSS0.05 -0.7-Y.Q	B-LSS0.1 -0.7-Y.Q	B-LSS0.15 -0.7-Y.Q	B-LSS0.2 -0.7-Y.Q	B-LSS0.3 -0.7-Y.Q	B-LSS0.5 -0.7-Y.Q	B-LSS0.75 -0.7-Y.Q	B-LSS1 -0.7-Y.Q
Item	Unit									
Rated Steam Capacity	Kg/h		50	100	150	200	300	500	750	1000
Rated Working Pressure	MPa		0.7							
Saturated Steam Temp	°C		171							
Full Volume	L		29	29/58	29/65	29/80	110	200	260	390
Fuel Consumption	Light Diesel	kg/h	3.2	6.6	10.1	13.2	19.8	33	49.5	66
	Natural Gas	Nm³/h	3.9	7.8	11.8	15.6	23.4	39	58.5	78
	LPG	Nm³/h	1.6	3.3	4.9	6.7	10.1	13	20	26
Water Inlet Dia	DN		15	15	20	20	25	25	32	32
Steam Outlet Dia	DN		15	20	20	25	32	40	50	65
Safety Valve Dia	DN		15	20	20	25	32	2"32	DN	DN
Blowdown Valve Dia	DN		20	20	25	25	25	40	2"32	2"40
Overall Dimension (L×W×H)	mm		720×660×1450	780×690×1610/ 850×720×1700	820×720×1720/ 890×780×1750	820×720×1720/ 890×780×1800	950×820×2000	1500×1300 ×2300	1600×1400 ×2500	1750×1400 ×2650
Net Weight	kg		230	320/390	380/470	430/550	690	1660	2390	3150



The B-LSS series vertical water-tube oil (gas) steam boiler is a water-tube through-flow, vertical three-pass type. It adopts a fully automatic burner with excellent technical performance as the main combustion equipment. Through the automatic ignition function, it generates high-temperature flames, which enter the inner side of the dense drainage pipe inside the furnace from the top of the furnace tube, and then bend 180° upward at the lower part of the furnace tube to enter the interlayer between the furnace tube and the dense drainage pipe. It leaves the boiler through the upper flue opening of the furnace tube and is discharged into the atmosphere through the chimney. This furnace type has high heat exchange efficiency, small floor space, easy installation and high safety.



01. High efficiency and energy saving

With the high-efficiency energy saver, the thermal efficiency is 95%; rapid steam output reduces steam loss.

02. Security structure

Boiler-less construction + through-tubing for low water capacity and uniform heating; eliminates the risk of explosion in conventional boilers.

03. No inspection required

Complying with the latest standards of the "Boiler Safety Technical Regulations (Amendment No. 1)", boilers with a total volume of less than 50L do not require a boiler usage permit, thus streamlining the management process.

04. Human-machine interface

It supports multi-machine group control, remote operation and full-automatic operation, and can realize centralized management through intelligent terminals.

05. Fivefold protection

Dual mode pressure control (mechanical/electronic), Redundant overpressure protection with safety valves, Real-time water quality/exhaust temperature monitoring, Water shortage automatic flame failure protection, Leakage interlocking power failure protection.