

L24BL/ L30BL



Introduction of Condensing Gas Boiler,

1. The temperature of the flue emission of condensing wall-hung boiler with a secondary heat exchanger is around 60°C. Temperature of an ordinary wall-hung boiler is generally above 160°C
2. At the bottom of the condensing gas boiler is a secondary heat exchanger and a condensing water drain. The condensing water drains from it during operation; while there is no condensing water drain in the ordinary wall-hung boiler
3. To distinguish a condensing gas boiler from others by the internal structure
 - (1) There is one condensing water pipe drain and a condensing water neutralization box
 - (2) There is a condensing water pipe drain and a condensing water neutralization box

Features of China Residential Wall Mounted Boiler

1. Condensing gas boiler has the function of timing reservation for one week.
2. It uses digital display of heating and water temperature, and large LCD screen to display working status.
3. Condensing boiler is with self-detection functions to indicate corresponding security protection code.
4. Control the strength of the fire as per the thermal load needs, so as to realize self control of hot water constant temperature.
5. Ionic fire failure protection function to ensure gas is cut off when fire fails.
6. Heating and circulating hot water adopt the same system, and they can interchange freely.
7. Protection against extreme temperature to prevent boiler getting too hot and damaged.
8. It is with automatic bypass protection function to supplement water when tube gets blocked through the bypass, so as to avoid heating without water.
9. Condensing gas boiler is with 3bar(1bar=1kgf/cm²=0.1MPa)safety valve to prevent overburden for the tube.
10. Micro negative pressure sealing combustion, which will not consume indoor air or pollute indoor air.
11. Fire will die out automatically when the flue gets blocked or there is downdraft, and it will display the security protection code to ensure the boiler is safe.
12. Condensing boiler is with pressure switch which can ensure that the boiler will not ignite when water or water pressure is in shortage.
13. It is with three minutes delay function to prevent damage caused by frequent turn-on, so as to

prolong its working life.

14. Water pump will work for one minute when the boiler stops working for 24 hours continually.

15. Condensing gas boiler adopts electronic pressure sensor to inspect the system water pressure.

Diagram of China Residential Wall Mounted Boiler



A: Heating water outlet



R: Heating water inlet



G: Gas inlet



C: Shower water outlet

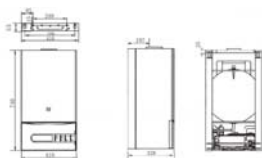


F: Cold water inlet



S: Condensing water outlet

Installation of China Residential Wall Mounted Boiler



Specifications of China Residential Wall Mounted Boiler

Model	Unit	Pre-mixed Condensing	
		24kw	30kw
Gas Type		LPG/NG	
Rated Gas Pressure	pa	2800(LPG)/2000(NG)	
Rated Heat Input	KM	24	30
Minimum Heat Input	KM	10.5	12.5
Rated Heat Output	KM	23.3	28.8
Minimum Heat output	KM	8.7	10.5
Efficiency Under Rated Heat input	%	96.5	96.5
Efficiency Under 30% Rated Heat input	%	94	94
Rated Heat Output	KM	23.3	28.8
Temp. Range Of High Temp. System	°C	30-80	

Temp. Range Of Low Temp. System	℃	30-55	
Maximum pressure Of Low Temp. System	bar	3(0.3Mpa)	
Expansion Tank Capacity	L	6	8
Preset Pressure Of Expansion Tank	bar	1(0.1Mpa)	
Rated Hot Water supply	kg/min	13	15
Temp Range Of Shower Water Supply	℃	30-60	
Comfortable Temp. Range Of water supply	℃	35-45	
Application water pressure	bar	0.2-6(0.02-0.6Mpa)	
The Minimum Starting Flow	L/min	2.1	
The Minimum Closed Flow	L/min	1.8	
Exhaust Type		Forced exhaust and Air supply type	
Water Circulation Type		Airtight force circulation	
Ignition Type		Pulse ignition	
Thermostat Type		Proportional valve automatic constant temp.	
Temp. Display Type		LCD	
Power Supply	V/Hz	220-230/50Hz	
Maximum Input Power	KM	110	
Fuse	A	3.15	
Insulation Grade		1	
Electricity And Water Protection Grade	IP	IP44	
Appearance Dimension: L×W×H	mm	740×410×328	
Gas Input	Inch	G3/4	
Connection For Heating Water Pipes	Inch	G3/4	
Connection For Heating Water Pipes	Inch	G1/2	
Air Input/Exhaust Duct	mm	100/60	
Packing Size	mm	820×493×420	
G.W./N.W.	kg	41.5/39	
NO	PPM	80	
Loading Q'ty20'/40'/40'HQ	sets	140/278/320	

Title: Condensing Gas Boiler, China Residential Wall Mounted Boiler

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