

## E Series Wall Hung Gas Boiler



### Introduction:

As a renowned manufacturer of gas boiler in China, we supply a full range of energy-efficient and eco-friendly wall hung gas boilers. We are dedicated to be the leading supplier of condensing boilers.

### Features:

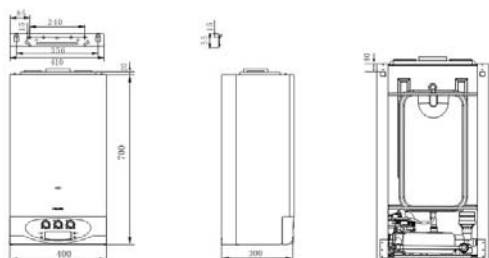
1. Wall hung gas boiler has the function of timing reservation for one week.
2. It uses digital display of heating and water temperature, and large LCD screen to display working status.
3. Condensing boiler is with self-detection functions to indicate corresponding security protection code.
4. Control 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. Wall hung gas boiler is with 3bar(1bar=1kgf/cm<sup>2</sup>=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.

### Advantages:

1. Fashionable flat panel design and black LCD display
2. It can display the working and combustion status dynamically
3. AI control shower water/heating water switch
4. Shower water system adopts water flow and temperature double control, which achieves European 3-star level

5. European combustion technology and heat exchanging technology, which improves heat efficiency and save energy
6. Multiple automatic protections
7. Comfortable constant shower water
8. Micro-computer control and self-inspection system

#### Installation:



#### Specifications

Model	L1PB20-E18B	L1PB26-E24B	L1PB30-E28B	Unit
Rated Heat Output	20	26	30	kW
Rated Heating supply Output	18	23.3	27	kW
Minimum Heat Input	7.4	9.6	11	kW
Minimum Heating Supply Output	6.3	8.2	9.5	kW
Range of Heating Supply Temp.	30~80	30~80	30~80	°C
Range of Floor Heating Supply Temp.	30~55	30~55	30~55	°C
Pressure of Heating Supply System	0.05~0.3	0.05~0.3	0.05~0.3	MPa
Maximum Pressure of Heating Supply System	0.3	0.3	0.3	MPa
Expansion Tank Capacity	6	6	6	L
Preset Pressure Of Expansion Tank	0.1	0.1	0.1	MPa
Temp Range Of Shower Water Supply	30~60	30~60	30~60	°C
Comfortable Temp. Range Of Water Supply	35~45	35~45	35~45	°C
Maximum Pressure of Shower Water	0.6	0.6	0.6	MPa
Minimum Pressure of Shower	0.02	0.02	0.02	MPa

Water				
$\Delta T=25^{\circ}\text{C}$ Water Supply Capability	10	13	15	Kg/min
$\Delta T=30^{\circ}\text{C}$ Water Supply Capability	8.3	10.8	12.5	Kg/min
Voltage/Frequency	220/50	220/50	220/50	V/Hz
Maximum Input Power	110	110	120	W
Insulation Grade	I	I	I	
Waterproof Grade	IPX4	IPX4	IPX4	
Connector of Heating Supply Outlet/Backwater	G3/4	G3/4	G3/4	Inch
Gas Inlet	G3/4	G3/4	G3/4	Inch
Connector of Circulating Hot Water	G3/4	G3/4	G3/4	Inch
Coaxial Inlet/Outlet Flue	$\Phi 60/\Phi 100$	$\Phi 60/\Phi 100$	$\Phi 60/\Phi 100$	mm
Rated Pressure of Natural Gas	2000	2000	2000	Pa
Front Nozzle Pressure of Natural Gas (Max/ Min)	1200/150	1200/150	1200/150	Pa
Gas Consumption of Natural Gas (Max/Min)	2.06/0.75	2.67/0.96	3.08/1.11	Nm <sup>3</sup> /h
Rated Pressure of Liquefied Gas	2800	2800	2800	Pa
Front Nozzle Pressure of Liquefied Gas (Max/ Min)	2350/300	2350/300	2350/300	Pa
Gas Consumption of Liquefied Gas (Max/Min)	0.75/0.28	0.97/0.36	1.12/0.41	Nm <sup>3</sup> /h
Net Weight	35.5	36	36.5	kg
Appearance Dimension: L×W×H	700 × 400 × 300	700 × 400 × 300	700 × 400 × 300	mm
Energy Efficiency Grade	Grade 2			