

### On-time Delivery

- 500,000 Units  
(annual production capacity)

### Continuous Innovation

- Over 200 patents
- Over 3% Continuous investment per year



### Reliable Quality

- 2 Inspection position
- National standard testing lab

### Professional Logistics

- Export to over 40 countries
- 120 Containers delivery per year

# GAS WATER HEATER

## Product Collection



### Greaidea GEA Co.,Ltd

Address: No.1 Weihua Road, Gaoli New High Tech Industry Zone, Ronggui Town, Shunde District, Foshan, Guangdong, China

Web: [www.greaidea.com](http://www.greaidea.com) / [www.cehob.com](http://www.cehob.com)

Email: [info@greaidea.com](mailto:info@greaidea.com)



## Gas Water Heater 26+ Years Expert

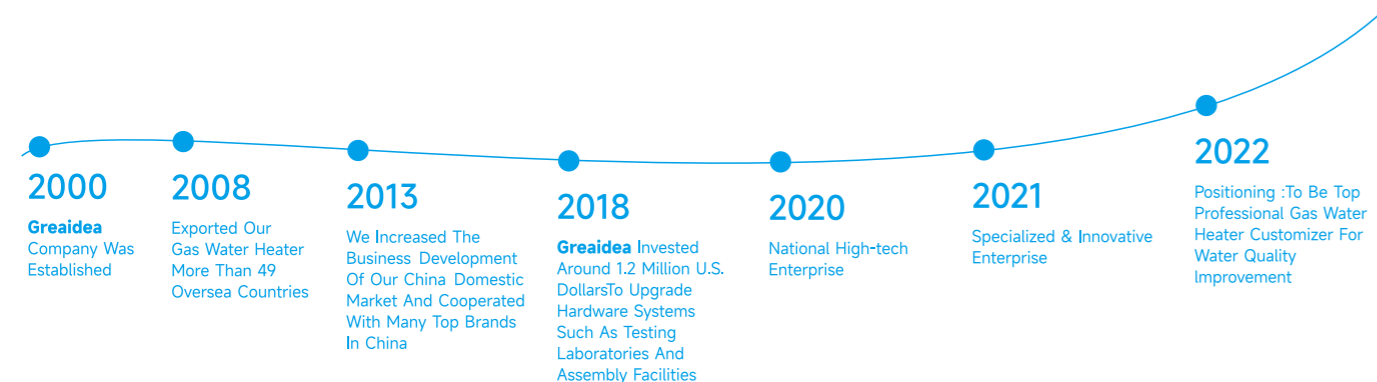
Your First Choice



## About Us

We developed the overseas market since 2000, exported our gas water heater more than 49 overseas countries. Moreover, we ranked the leading position in some overseas market for many years. In 2013, we increased the business development of our China domestic market and cooperated with many top brands in China. In November 2018, Greaidea invested around 1.2 million U.S. Dollars to upgrade hardware systems such as testing laboratories and assembly facilities. We are always focusing on customers' value, re-combining the recruitment of high talented human resource, keeping upgrading with the first-class manufacture facilities, under such great improvement, which definitely can support the long-term development of "Greaidea"

With abundant human, finance & material resource, we always pay great attention to the quality of products and dedicate all efforts to develop the new technology with creative idea, gradually to improve our reputation among competitors. With the support of comprehensive & precise testing equipment in each assembly line, as well as the mature quality control system, we have gained high reputation from honored customers both in domestic and overseas market.



Vision: BEYOND YOUR IMAGINATION !

## CULTURAL PRINCIPLE OF Greaidea

- ▶ Mutual Creation: Innovate new products with customers Introduce new management & technology with key suppliers
- ▶ Mutual Sharing: Knowledge sharing, skills sharing, experience sharing and happiness sharing
- ▶ Win-Win: Realize the Win-Win situation with our customer, our employees and social public

## Certificate





## Production Team

- ▶ Production Line-40,000PCS monthly production capability
- ▶ We follow the 7S factory management system
- ▶ 3 Automatic assembly lines & 3 automatic packing machines



## Quality Control

- ▶ Integrated Testing Lab Overview
- ▶ Comprehensive Testing Room
- ▶ Key Parts Performance Testing Room
- ▶ Environment And Packing Testing Room
- ▶ Individual Water And Gas Supply Base



Integrated Testing Lab



Life Testing Equipment



Key Parts Performance Testing Room



Water Heater Integrated Automatic Testing Equipment



Burner, Heat Exchanger And Gas Valve Testing Equipment



Integrated Testing Lab



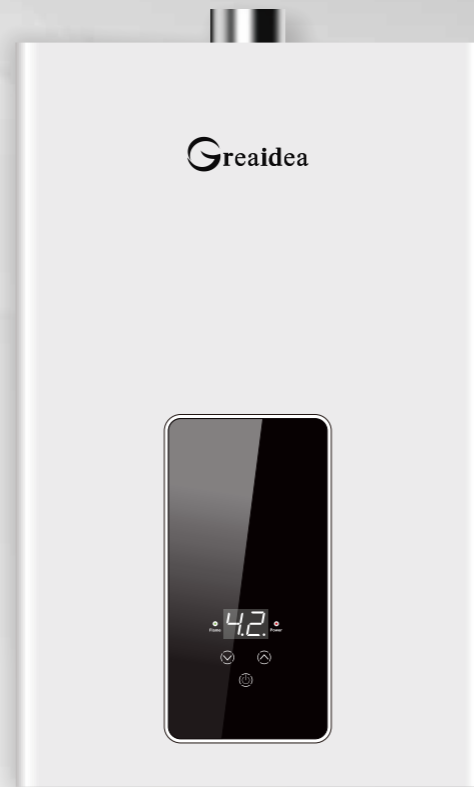
Integrated Testing Lab



Gas Chromatograph

# Air-cooled constant temperature gas water heater

-  Air-cooled combustion chamber (Integrated)
-  V-shape burner (exclusive design)
-  >89% High efficiency
-  Double purification
-  Precise temperature control by AI algorithm
-  Double speed variable - frequency fan
-  Multi-protection design



JSC 24/30-A2

**12/16** Liter /min **Highest**  
**80** % Savings gas



JSC 24/30-A1



JSC 24/30-A2



JSC 24/30-A3

- Exhaust Way: Forced Exhaust Type
- Diameter of Smoke Exhaust: Φ60MM
- Ignition Mode: Automatic Electrical Pulse Igniton
- Gas Type: LPG 2740PA; Natural Gas 1760PA
- Rated Voltage: AC 220V/50HZ & AC 110V/60HZ
- Rated Water Pressure: 0.01~0.8MPA
- Panel Color: White / Grey
- Connection Pipe Specs: Water Inlet: G1/2" Pipe; Water Outlet: G1/2" Pipe; Gas Input: G1/2" Pipe



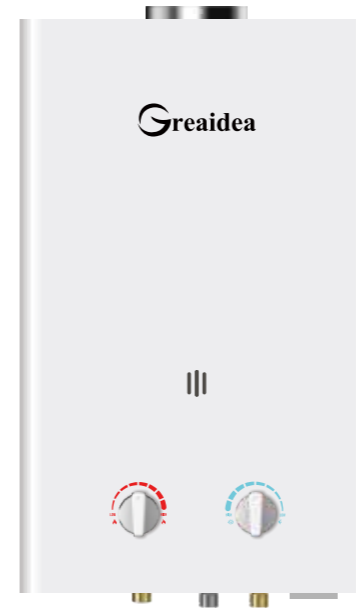
Rated Water Output(Δt=25°C)L/Min	12L/min	16L/min
Rated Thermal Load	23KW	30KW
Product Size(MM)	550x350x170	550x350x170
Package Size(MM)	685x475x230	685x475x230
Loading Qty.(PCS)20FT/40FT/40HQ	370/770/900	370/770/900

Remark: Unit and its Pipe packed separately.

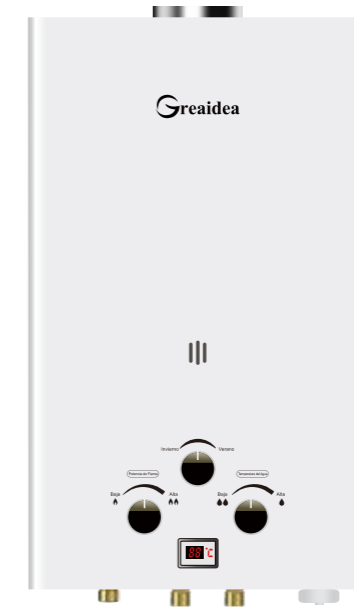
Endless Hot Water  
On Demand



JSD-D15A(6L-20L)



JSD-W1(6L-20L)



JSD-W2(6L-20L)



JSD-W3(6L-20L)

- Exhaust Way: Flue Type/Force Exhaust Type
- Ignition Mode: Automatic Electrical Pulse Igniton
- Gas Type: LPG 2800PA; Natural Gas 1300PA/2000PA
- Rated Voltage: DC 3V / USB Type-C
- Rated Water Pressure: 0.01~0.8MPA
- Panel Material: White Powder Painting/Silver Metallic Painting
- Heating Status: Over Temperature $\leq 2^{\circ}\text{C}$ ; Stability Time $\leq 15$  Seconds
- Connection Pipe Specs: Water Inlet: G1/2" Pipe; Water Outlet:G1/2" Pipe; Gas Input: G1/2" Pipe



Rated Water Output( $\Delta t=25^{\circ}\text{C}$ )L/Min	6L/min	7L/min	8L/min	10L/min
Rated Thermal Load	12KW	14KW	16KW	20KW
Product Size(MM)	440x300x120	500x300x140	520x310x160	550x330x180
Package Size(MM)	520x350x180	600x350x190	635x375x210	670x380x235
Loading Qty.(PCS)20FT/40FT/40HQ	850/1740/2050	690/1430/1680	550/1140/1340	455/950/1120

Rated Water Output( $\Delta t=25^{\circ}\text{C}$ )L/Min	12L/min	14L/min	16L/min	20L/min
Rated Thermal Load	24KW	28KW	32KW	40KW
Product Size(MM)	590x340x180	610x350x180	650x420x185	730x430x180
Package Size(MM)	705x390x235	725x400x240	750x465x235	880x470x250
Loading Qty.(PCS)20FT/40FT/40HQ	420/880/1040	540/830/970	330/690/815	260/545/640



JSD-P1(6L-13L)

JSD-P2(6L-13L)

JSD-P3(6L-13L)

- Exhaust Way: Flue Type/Force Exhaust Type
- Ignition Mode: Automatic Electrical Pulse Igniton
- Gas Type: LPG 2800PA; Natural Gas 1300PA/2000PA
- Rated Voltage: DC 3V / USB Type-C
- Rated Water Pressure: 0.01~0.8MPA
- Panel Material: White Powder Painting/Silver Metallic Painting
- Heating Status: Over Temperature $\leq$ 2°C; Stability Time $\leq$ 15 Seconds
- Connection Pipe Specs: Water Inlet: G1/2" Pipe; Water Outlet:G1/2" Pipe; Gas Input: G1/2" Pipe



Rated Water Output( $\Delta t=25^{\circ}\text{C}$ )L/Min	6L/min	7L/min	8L/min	10L/min
Rated Thermal Load	12KW	14KW	16KW	20KW
Product Size(MM)	440x300x120	500x300x140	520x310x160	550x330x180
Package Size(MM)	520x350x180	600x350x190	635x375x210	670x380x235
Loading Qty.(PCS)20FT/40FT/40HQ	850/1740/2050	690/1430/1680	550/1140/1340	455/950/1120

Rated Water Output( $\Delta t=25^{\circ}\text{C}$ )L/Min	12L/min	14L/min	16L/min	20L/min
Rated Thermal Load	24KW	28KW	32KW	40KW
Product Size(MM)	590x340x180	610x350x180	650x420x185	730x430x180
Package Size(MM)	705x390x235	725x400x240	750x465x235	880x470x250
Loading Qty.(PCS)20FT/40FT/40HQ	420/880/1040	540/830/970	330/690/815	260/545/640



JSD-P4(6L-20L)

JSD-P5(6L-20L)

JSD-P6(6L-20L)

- Exhaust Way: Flue Type/Force Exhaust Type
- Ignition Mode: Automatic Electrical Pulse Igniton
- Gas Type: LPG 2800PA; Natural Gas 1300PA/2000PA
- Rated Voltage: DC 3V / USB Type-C
- Rated Water Pressure: 0.01~0.8MPA
- Panel Material: White Powder Painting/Silver Metallic Painting
- Heating Status: Over Temperature $\leq$ 2°C; Stability Time $\leq$ 15 Seconds
- Connection Pipe Specs: Water Inlet: G1/2" Pipe; Water Outlet:G1/2" Pipe; Gas Input: G1/2" Pipe



Rated Water Output( $\Delta t=25^{\circ}\text{C}$ )L/Min	6L/min	7L/min	8L/min	10L/min
Rated Thermal Load	12KW	14KW	16KW	20KW
Product Size(MM)	440x300x120	500x300x140	520x310x160	550x330x180
Package Size(MM)	520x350x180	600x350x190	635x375x210	670x380x235
Loading Qty.(PCS)20FT/40FT/40HQ	850/1740/2050	690/1430/1680	550/1140/1340	455/950/1120

Rated Water Output( $\Delta t=25^{\circ}\text{C}$ )L/Min	12L/min	14L/min	16L/min	20L/min
Rated Thermal Load	24KW	28KW	32KW	40KW
Product Size(MM)	590x340x180	610x350x180	650x420x185	730x430x180
Package Size(MM)	705x390x235	725x400x240	750x465x235	880x470x250
Loading Qty.(PCS)20FT/40FT/40HQ	420/880/1040	540/830/970	330/690/815	260/545/640



JSD-P7(6L-18L)



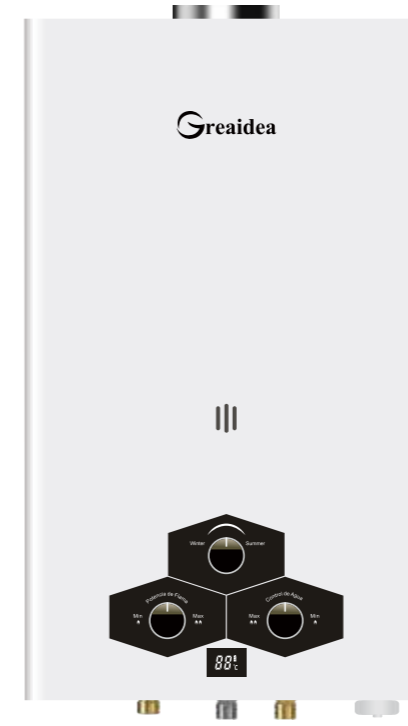
JSD-P8(6L-20L)

- Exhaust Way: Flue Type/Force Exhaust Type
- Ignition Mode: Automatic Electrical Pulse Igniton
- Gas Type: LPG 2800PA; Natural Gas 1300PA/2000PA
- Rated Voltage: DC 3V / USB Type-C
- Rated Water Pressure: 0.01~0.8MPA
- Panel Material: White Powder Painting/Silver Metallic Painting
- Heating Status: Over Temperature $\leq$ 2°C; Stability Time $\leq$ 15 Seconds
- Connection Pipe Specs: Water Inlet: G1/2" Pipe; Water Outlet:G1/2" Pipe; Gas Input: G1/2" Pipe

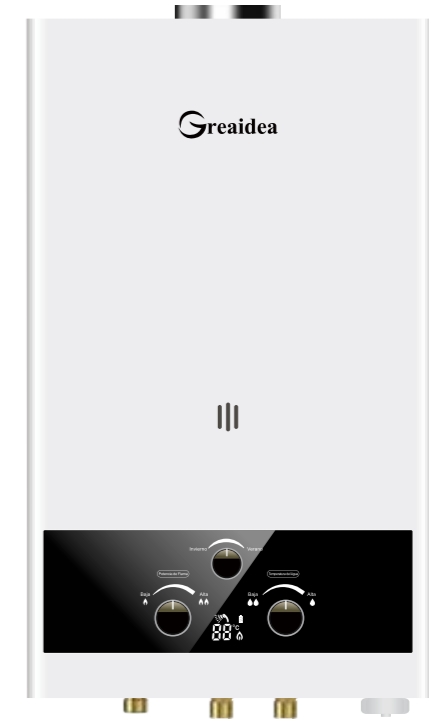


Rated Water Output( $\Delta t=25^{\circ}\text{C}$ )L/Min	6L/min	7L/min	8L/min	10L/min
Rated Thermal Load	12KW	14KW	16KW	20KW
Product Size(MM)	440x300x120	500x300x140	520x310x160	550x330x180
Package Size(MM)	520x350x180	600x350x190	635x375x210	670x380x235
Loading Qty.(PCS)20FT/40FT/40HQ	850/1740/2050	690/1430/1680	550/1140/1340	455/950/1120

Rated Water Output( $\Delta t=25^{\circ}\text{C}$ )L/Min	12L/min	14L/min	16L/min	20L/min
Rated Thermal Load	24KW	28KW	32KW	40KW
Product Size(MM)	590x340x180	610x350x180	650x420x185	730x430x180
Package Size(MM)	705x390x235	725x400x240	750x465x235	880x470x250
Loading Qty.(PCS)20FT/40FT/40HQ	420/880/1040	540/830/970	330/690/815	260/545/640



JSD-S1(6L-20L)



JSD-S2(6L-20L)

- Exhaust Way: Flue Type/Force Exhaust Type
- Ignition Mode: Automatic Electrical Pulse Igniton
- Gas Type: LPG 2800PA; Natural Gas 1300PA/2000PA
- Rated Voltage: DC 3V / USB Type-C
- Rated Water Pressure: 0.01~0.8MPA
- Panel Material: White Powder Painting/Silver Metallic Painting
- Heating Status: Over Temperature $\leq$ 2°C; Stability Time $\leq$ 15 Seconds
- Connection Pipe Specs: Water Inlet: G1/2" Pipe; Water Outlet:G1/2" Pipe; Gas Input: G1/2" Pipe



Rated Water Output( $\Delta t=25^{\circ}\text{C}$ )L/Min	6L/min	7L/min	8L/min	10L/min
Rated Thermal Load	12KW	14KW	16KW	20KW
Product Size(MM)	440x300x120	500x300x140	520x310x160	550x330x180
Package Size(MM)	520x350x180	600x350x190	635x375x210	670x380x235
Loading Qty.(PCS)20FT/40FT/40HQ	850/1740/2050	690/1430/1680	550/1140/1340	455/950/1120

Rated Water Output( $\Delta t=25^{\circ}\text{C}$ )L/Min	12L/min	14L/min	16L/min	20L/min
Rated Thermal Load	24KW	28KW	32KW	40KW
Product Size(MM)	590x340x180	610x350x180	650x420x185	730x430x180
Package Size(MM)	705x390x235	725x400x240	750x465x235	880x470x250
Loading Qty.(PCS)20FT/40FT/40HQ	420/880/1040	540/830/970	330/690/815	260/545/640



JSD-D1(6L-13L)

JSD-D2(6L-13L)

JSD-D3(6L-13L)

- Exhaust Way: Flue Type/Force Exhaust Type
- Ignition Mode: Automatic Electrical Pulse Igniton
- Gas Type: LPG 2800PA; Natural Gas 1300PA/2000PA
- Rated Voltage: DC 3V / USB Type-C
- Rated Water Pressure: 0.01~0.8MPA
- Panel Material: White Powder Painting/Silver Metallic Painting
- Heating Status: Over Temperature≤2°C; Stability Time≤15 Seconds
- Connection Pipe Specs: Water Inlet: G1/2" Pipe; Water Outlet:G1/2" Pipe; Gas Input: G1/2" Pipe



Rated Water Output(Δt=25°C)L/Min	6L/min	7L/min	8L/min	10L/min
Rated Thermal Load	12KW	14KW	16KW	20KW
Product Size(MM)	440x300x120	500x300x140	520x310x160	550x330x180
Package Size(MM)	520x350x180	600x350x190	635x375x210	670x380x235
Loading Qty.(PCS)20FT/40FT/40HQ	850/1740/2050	690/1430/1680	550/1140/1340	455/950/1120

Rated Water Output(Δt=25°C)L/Min	12L/min	14L/min	16L/min	20L/min
Rated Thermal Load	24KW	28KW	32KW	40KW
Product Size(MM)	590x340x180	610x350x180	650x420x185	730x430x180
Package Size(MM)	705x390x235	725x400x240	750x465x235	880x470x250
Loading Qty.(PCS)20FT/40FT/40HQ	420/880/1040	540/830/970	330/690/815	260/545/640



JSD11-D1(5.5L)

JSD\*-D1(6L-8L)

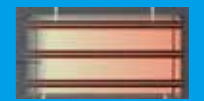
- "Total Control" single knob
- Oxygen Free heat exchanger
- Low Pressure (UBP) System



**BMW Knob**  
-High-end and upscale



**Battery Display**  
-More convenience to use



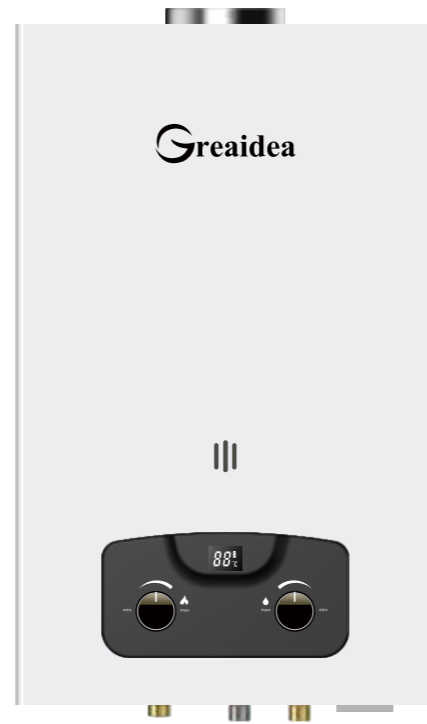
Oxygen-Free copper heat exchanger

- **White LED**, shows the hot water temperature and **battery power**. Compare with your current LED to show only hot water temperature, our solution is more convenience for the end users, which can remind user to change battery.
- **BMW Knob**
- **Dark grey / Grey / White**
- **"Total Control"** technology, with a **single knob** regulates the ideal bath temperature, it is totally intuitive and practical.
- Heat exchanger with **"Oxygen Free"**, resistant to highly corrosive climates, extending its warranty up to 5 years.
- Multiple safety systems
- Minimum working pressure: 2.5 PSI
- **Exclusive Ultra Low Pressure (UBP) System**, for extreme conditions of low water pressure and elevated tank.

Rated Water Output(Δt=25°C)L/Min	5.5L/min	6L/min	7L/min	8L/min
Rated Thermal Load	11KW	12KW	14KW	16KW
Product Size(MM)	370x290x120	440x300x130	490x310x140	520x320x160
Package Size(MM)	520x360x190	540x350x180	600x350x190	635x375x210
Loading Qty.(PCS)20FT/40FT/40HQ	1060/1630/1911	850/1740/2050	690/1430/1680	550/1140/1340



**JSD-D4(6L-18L)**



**JSD-D5(6L-20L)**

- Exhaust Way: Flue Type/Force Exhaust Type
- Ignition Mode: Automatic Electrical Pulse Igniton
- Gas Type: LPG 2800PA; Natural Gas 1300PA/2000PA
- Rated Voltage: DC 3V / USB Type-C
- Rated Water Pressure: 0.01~0.8MPA
- Panel Material: White Powder Painting/Silver Metallic Painting
- Heating Status: Over Temperature $\leq$ 2°C; Stability Time $\leq$ 15 Seconds
- Connection Pipe Specs: Water Inlet: G1/2" Pipe; Water Outlet:G1/2" Pipe; Gas Input: G1/2" Pipe



Rated Water Output( $\Delta t=25^{\circ}\text{C}$ )L/Min	6L/min	7L/min	8L/min	10L/min
Rated Thermal Load	12KW	14KW	16KW	20KW
Product Size(MM)	440x300x120	500x300x140	520x310x160	550x330x180
Package Size(MM)	520x350x180	600x350x190	635x375x210	670x380x235
Loading Qty.(PCS)20FT/40FT/40HQ	850/1740/2050	690/1430/1680	550/1140/1340	455/950/1120

Rated Water Output( $\Delta t=25^{\circ}\text{C}$ )L/Min	12L/min	14L/min	16L/min	20L/min
Rated Thermal Load	24KW	28KW	32KW	40KW
Product Size(MM)	590x340x180	610x350x180	650x420x185	730x430x180
Package Size(MM)	705x390x235	725x400x240	750x465x235	880x470x250
Loading Qty.(PCS)20FT/40FT/40HQ	420/880/1040	540/830/970	330/690/815	260/545/640



**JSD-D6(6L-20L)**



**JSD-D7(6L-20L)**



**JSD-D8(6L-20L)**

- Exhaust Way: Flue Type/Force Exhaust Type
- Ignition Mode: Automatic Electrical Pulse Igniton
- Gas Type: LPG 2800PA; Natural Gas 1300PA/2000PA
- Rated Voltage: DC 3V / USB Type-C
- Rated Water Pressure: 0.01~0.8MPA
- Panel Material: White Powder Painting/Silver Metallic Painting
- Heating Status: Over Temperature $\leq$ 2°C; Stability Time $\leq$ 15 Seconds
- Connection Pipe Specs: Water Inlet: G1/2" Pipe; Water Outlet:G1/2" Pipe; Gas Input: G1/2" Pipe



Rated Water Output( $\Delta t=25^{\circ}\text{C}$ )L/Min	6L/min	7L/min	8L/min	10L/min
Rated Thermal Load	12KW	14KW	16KW	20KW
Product Size(MM)	440x300x120	500x300x140	520x310x160	550x330x180
Package Size(MM)	520x350x180	600x350x190	635x375x210	670x380x235
Loading Qty.(PCS)20FT/40FT/40HQ	850/1740/2050	690/1430/1680	550/1140/1340	455/950/1120

Rated Water Output( $\Delta t=25^{\circ}\text{C}$ )L/Min	12L/min	14L/min	16L/min	20L/min
Rated Thermal Load	24KW	28KW	32KW	40KW
Product Size(MM)	590x340x180	610x350x180	650x420x185	730x430x180
Package Size(MM)	705x390x235	725x400x240	750x465x235	880x470x250
Loading Qty.(PCS)20FT/40FT/40HQ	420/880/1040	540/830/970	330/690/815	260/545/640



# Camping Water Heater



JSC-B(5.5L)



JSC-W(5.5L)

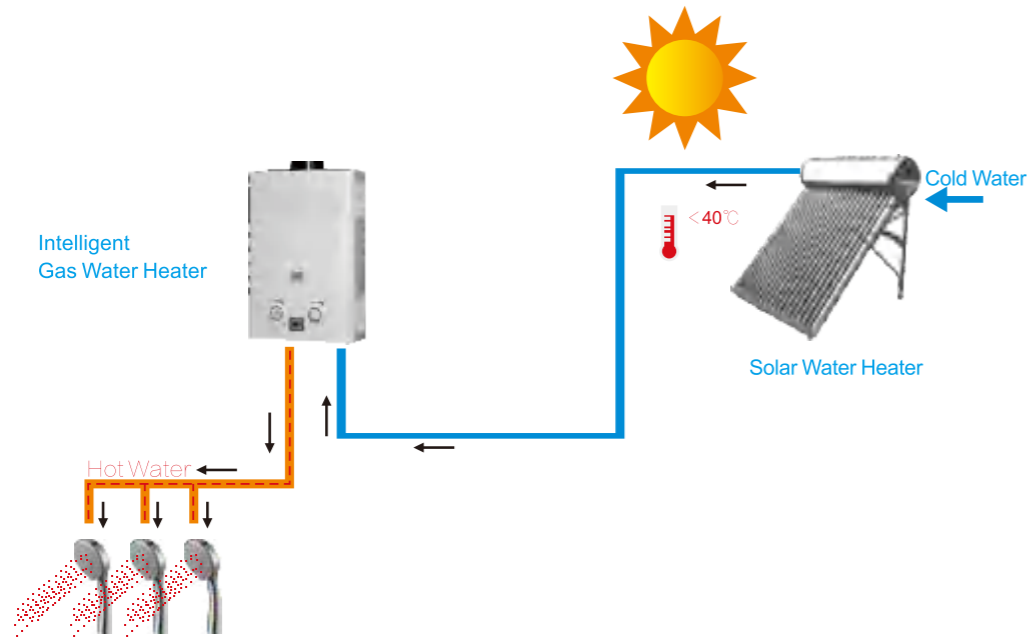
- Camping Gas Water Heater
- Exhaust Way: Natural Exhaust Type
- Ignition Mode: Automatic Electrical Pulse Igniton
- Gas Type: LPG 2800PA; Natural Gas 1300PA/2000PA
- Rated Voltage: Battery Power With 3V
- Rated Water Pressure: 0.01~0.8MPA
- Panel Material: White Powder Painting/Silver Metallic Painting
- Heating Status: Over Temperature $\leq 2^{\circ}\text{C}$ ; Stability Time $\leq 15$  Seconds
- Connection Pipe Specs: Water Inlet: G1/2" Pipe; Water Outlet:G1/2" Pipe; Gas Input: G1/2: Pipe



Rated Water Output( $\Delta t=25^{\circ}\text{C}$ )L/Min	5.5L/min
Rated Thermal Load	11KW
Product Size(MM)	370x290x120
Package Size(MM)	450x355x175
Loading Qty.(PCS)20FT/40FT/40HQ	1025/2080/2420



• Flue Type Solar WH Partner



**Working Principle:**

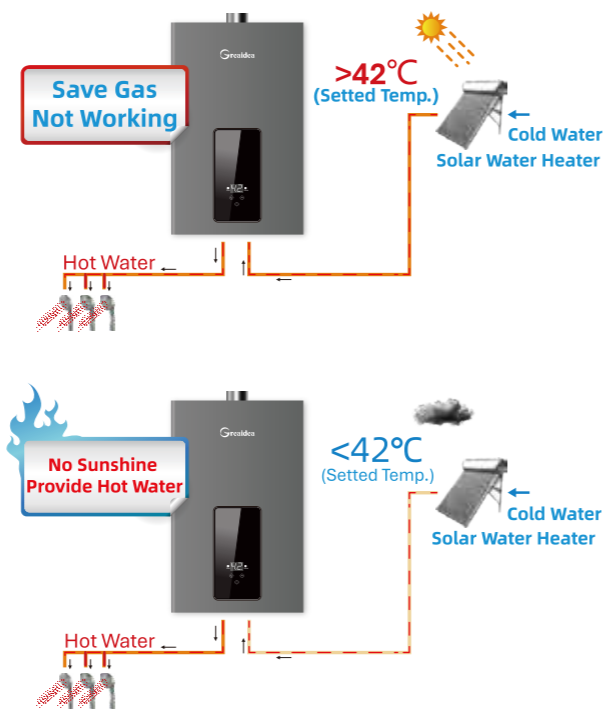
- When water temperature from the tank of solar water heater is below  $40^{\circ}\text{C}$  (Or Setted Temp.), then the gas water heater works automatically to supply hot water;
- When the water temperature from the tank of solar water heater is above  $40^{\circ}\text{C}$  (Or Setted Temp.), the gas water heater stop work.

• Constant Temperature Type Solar WH Partner

Integrated double-layer closed combustion chamber, strong heat concentration and more energy-saving.

V-shaped variable frequency segmented burner, flame concentration and energy saving, intelligent gear shifting, more stable firepower.

- Working Principle:**
- When water temperature from the tank of solar water heater is below  $42^{\circ}\text{C}$  (Or Setted Temp.), then the gas water heater works automatically to supply endless hot water.
  - When the water temperature from the tank of solar water heater is above  $42^{\circ}\text{C}$  (Or Setted Temp.), the gas water heater stop work, saving gas.



**Constant Temperature Gas Water Heater**

12/13/14/15/16/18L Series

- ◆ Never run out of hot water
- ◆ Save valuable space
- ◆ Precise temperature control
- ◆ No energy used when no hot water is required



JSB(Q)\*-M3

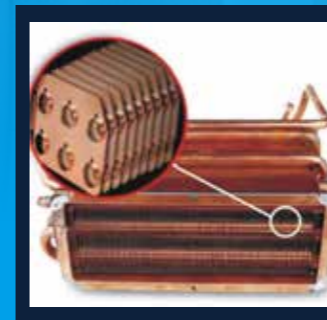
Remark (B: Balance Type Q: Forced Exhaust Type)



Intelligent microcomputer control, constant temperature and comfortable



Moving core gas proportional valve



Free-Oxygen Copper Heat Exchanger



Switch the fire segment automatically

# Gas Water Heater High-Altitude Performance Test Report

-- Test Location: Kunming City, Yunnan Province



## Plateau Area Test Environment Records

Temperature  
17.9°C

Water Pressure  
0.1MPa

Altitude  
1888.69m

Humidity  
59%

Air Pressure  
80.76kPa  
corrected (-0.04kPa)

Water Normal Temp.  
16.7°C  
Water tank 2 is at normal temp.;  
Test Temp. is 19.2°C



Model	Test Items				
	Measured & Converted Heat Load (kW)	Heat Efficiency (by LHV)(%)	Hot Water Production Rate(L/min)	Flue Gas CO <sub>(d=1)</sub> Content(PPM)	Flue Gas Temperature(°C)
JSQ25-13L-AC	23.51	90.14	12.15	460	114.5
JSQ28-15L-AC	27.74	90.28	14.34	590	114.8
JSQ25-13L-DC	24.73	89.61	12.66	440	118.2
JSQ30-16L-DC	30.38	89.03	15.48	370	126.4

# Authoritative Efficient SGS All-Round Evaluation



**LPG-G30**



Net cal. value of ref. gas (MJ/m<sup>3</sup>)  
**116.09**



Nominal heat input Meas (kW) - Q  
**23.895**



Efficiency Meas (%)  
**88.99**



**NG-G20**



Net cal. value of ref. gas (MJ/m<sup>3</sup>)  
**34.02**



Nominal heat input Meas (kW) - Q  
**22.085**



Efficiency Meas (%)  
**89.87**



# IPX4 WATERPROOF

Full splash-proof



**VERSATILE FOR  
HUMID ENVIRONMENTS**



Air-cooled Constant Temperature Type



**JSC\*-G3(R)**  
(Glass Panel)



**JSC\*-G4(B)**  
(Glass Panel)



**JSC\*-G5**  
(Glass Panel)

- Exhaust Way: Forced Exhaust Type
- Diameter of Smoke Exhaust:  $\Phi 60\text{MM}$
- Ignition Mode: Automatic Electrical Pulse Igniton
- Gas Type: LPG 2740PA; Natural Gas 1760PA
- Rated Voltage: AC 220V/50HZ & AC 110V/60HZ
- Rated Water Pressure: 0.01-0.8MPA
- Panel Color: White / Grey
- Connection Pipe Specs: Water Inlet: G1/2" Pipe; Water Outlet: G1/2" Pipe; Gas Input: G1/2" Pipe



Rated Water Output( $\Delta t=25^{\circ}\text{C}$ )L/Min	12L/min	16L/min
Rated Thermal Load	23KW	30KW
Product Size(MM)	550x350x170	550x350x170
Package Size(MM)	685x475x230	685x475x230
Loading Qty.(PCS)20FT/40FT/40HQ	370/770/900	370/770/900

Remark: Unit and its Pipe packed separately.



JSC\*-M1(12/16L)



Max Screen Constant Temperature Type



JSC\*-M2(12/16L)



JSC\*-M3(12/16L)

- Exhaust Way: Forced Exhaust Type
- Diameter of Smoke Exhaust: Φ60MM
- Ignition Mode: Automatic Electrical Pulse Ignition
- Gas Type: LPG/Natural Gas
- Rated Voltage: AC 220V/50HZ & AC 110V/60HZ
- Rated Water Pressure: 0.01~0.8MPA
- Panel Color: White / Grey
- Connection Pipe Specs: Water Inlet: G1/2" Pipe; Water Outlet:G1/2" Pipe; Gas Input: G1/2" Pipe



Rated Water Output(Δt=25°C)L/Min	12L/min	13L/min	16L/min	18L/min
Rated Thermal Load	24KW	26KW	32KW	36KW
Product Size(MM)	560x350x140	560x350x140	560x350x140	560x350x140
Package Size(MM)	685x405x215	685x405x215	685x405x215	685x405x215
Loading Qty.(PCS)20FT/40FT/40HQ	380/760/900	380/760/900	380/760/900	380/760/900

Remark: Unit and its Pipe packed separately.



**JSW32(12L-18L)**

**JSG32(12L-18L)**

- Exhaust Way: Outdoor Type
- Ignition Mode: Automatic Electrical Pulse Igniton
- Gas Type: LPG / Natural Gas
- Rated Voltage: AC 220V/50HZ & AC 110V/60HZ
- Rated Water Pressure: 0.01-0.8MPA
- Panel Color: Black / White / Grey
- Connection Pipe Specs: Water Inlet: G1/2" Pipe; Water Outlet:G1/2" Pipe; Gas Input: G1/2" Pipe



Rated Water Output( $\Delta t=25^{\circ}\text{C}$ )L/Min	12L/min	13L/min	16L/min	18L/min
Rated Thermal Load	26KW	32KW	36KW	40KW
Product Size(MM)	575x380x173	575x380x173	575x380x173	575x380x173
Package Size(MM)	810x440x255	810x440x255	810x440x255	810x440x255
Loading Qty.(PCS)20FT/40FT/40HQ	410/630/740	410/630/740	410/630/740	410/630/740



**JSG32(26L)**

**JSG32(32L)**

- Exhaust Way: Outdoor Type
- Ignition Mode: Automatic Electrical Pulse Igniton
- Gas Type: LPG / Natural Gas
- Rated Voltage: AC 220V/50HZ & AC 110V/60HZ
- Rated Water Pressure: 0.02-1.0MPA
- Panel Color: Black / White / Grey
- Connection Pipe Specs: Water Inlet: G3/4" Pipe; Water Outlet:G3/4" Pipe; Gas Input: G3/4" Pipe

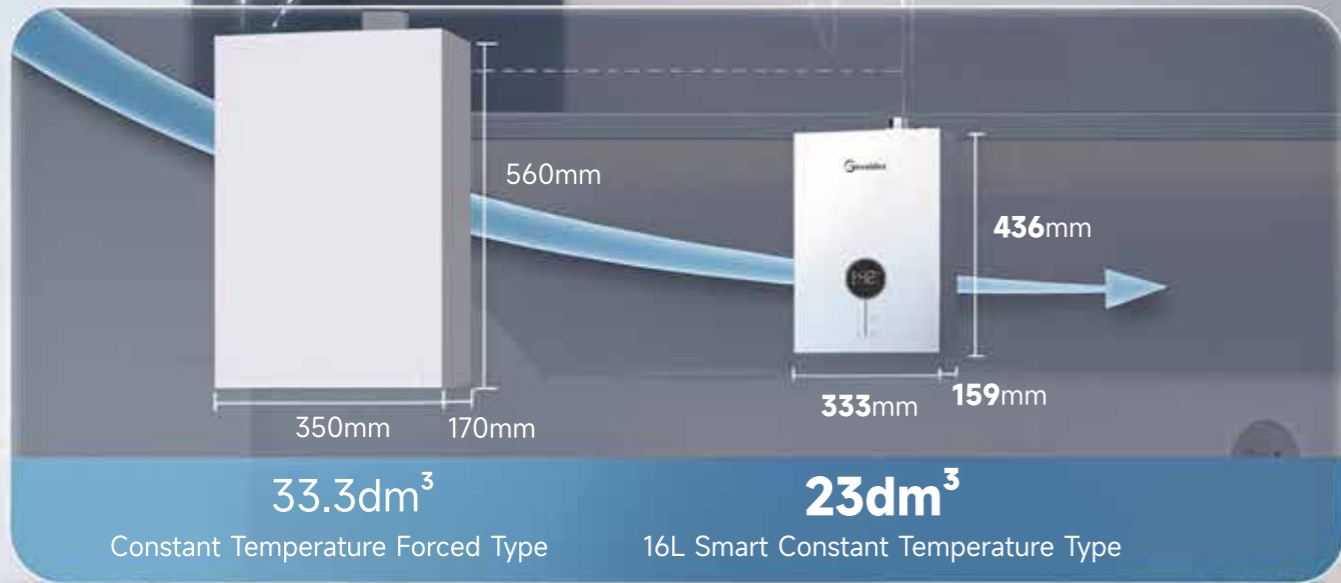


Rated Water Output( $\Delta t=25^{\circ}\text{C}$ )L/Min	26L/min	32L/min
Rated Thermal Load	50KW	64KW
Product Size(MM)	580x360x180	600x390x180
Package Size(MM)	750x425x275	780x455x300
Loading Qty.(PCS)20FT/40FT/40HQ	310/660/770	260/540/630



**SLIMMED  
DOWN  
≈30%**

Ultra-compact Size  
Approximately **A3**  
Paper Size



**JSC\*-A3(W)**  
(Glass Panel)



**JSC\*-A3(B)**  
(Glass Panel)

- Exhaust Way: Forced Exhaust Type
- Diameter of Smoke Exhaust: Φ60MM
- Ignition Mode: Automatic Electrical Pulse Igniton
- Gas Type: LPG/Natural Gas
- Rated Voltage: AC 220V/50HZ & AC 110V/60HZ
- Rated Water Pressure: 0.01~0.8MPA
- Panel Color: White / Grey
- Connection Pipe Specs: Water Inlet: G1/2" Pipe; Water Outlet:G1/2" Pipe; Gas Input: G1/2" Pipe



Rated Water Output(Δt=25°C)L/Min	16L/min
Rated Thermal Load	32KW
Product Size(MM)	436x333x159
Package Size(MM)	600x530x265
Loading Qty.(PCS)20FT/40FT/40HQ	300/640/800

Remark: Unit and its Pipe packed separately.

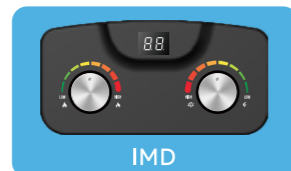


## EU Low NO<sub>x</sub> GAS WATER HEATER

Since Sept. 26, 2018, all gas heaters placed on the European market for the first time must have emissions below 56 mg/kWh. This new generation of Low NO<sub>x</sub> heaters achieves a level well below what is established by the regulations.



JSD22-M1LP  
JSD22-M1GN



IMD



JSD22-D3LP  
JSD22-D3GN

- With ERP certificate: **A**
- Atmospheric gas water heater of 11L/min
- Low NO<sub>x</sub> emissions
- Ignition by batteries. Automatic flammulation
- Available for natural gas, propane and butane
- No pilot light: more gas savings
- Variable and modulating power
- White LED digital display



### Oxygen-free Copper Heat Exchanger

The oxidation treatment of the oxygen-free copper heat exchanger can prevent the heat exchanger from oxidation or corrosion in the course of use, and has high thermal conductivity and long service life.



### Cooled Burner (Cool System)

Exclusive cooled burner, specifically designed and built to be able to cool the flame base throughout its entire path, thus drastically reducing NO<sub>x</sub> emissions into the atmosphere, maximizing its performance.

Patent No. CN 107787429 A



JSD22-D2LP  
JSD22-D2GN



JSD22-D1LP  
JSD22-D1GN



JSD22-D5LP  
JSD22-D5GN



JSD22-D4LP  
JSD22-D4GN



JSD22-B1LP  
JSD22-B1GN

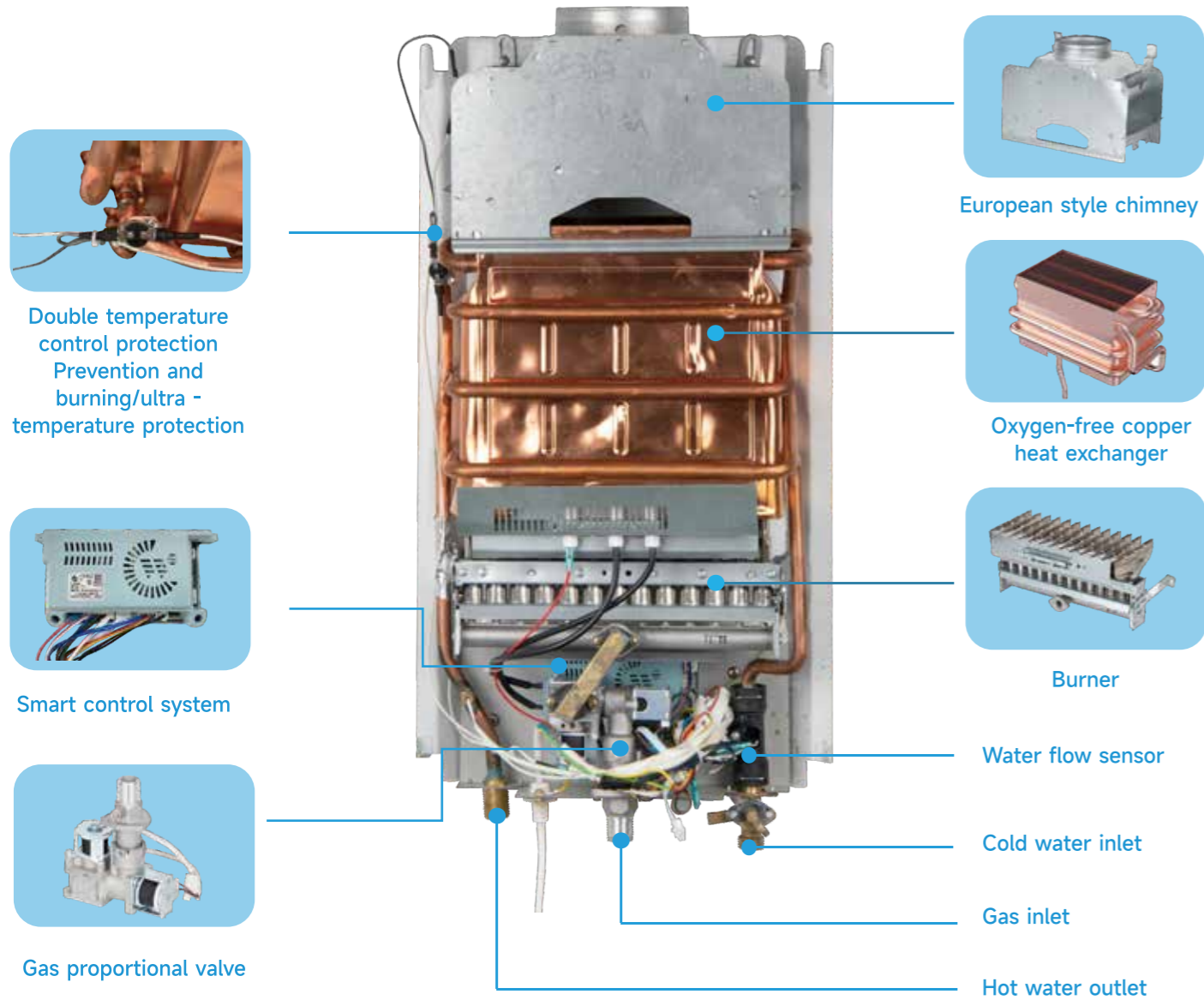


JSD22-B2LP  
JSD22-B2GN

MODELS-11L	JSD22-B1	JSD22-B2	JSD22-D1	JSD22-D2
	JSD22-D3	JSD22-M1	JSD22-M2	JSD22-M3
Gas categories	LPG		GN	
Nominal heat flow rate(Max/Min,kw)	22/8.5		22/8.5	
Gas type	G30/G31		G20/G25	
Gas pressure (mbar)	29/37		20/25	
Hot water capacity ( $\Delta t=25^{\circ}$ C,L/min)	11		11	
Net weight (kg)	11		10	
Power supply	Batteries(DC 3V)		Batteries(DC 3V)	
Product Dimension	610x340x180 MM		550x340x180 MM	
Packing Dimension	395x235x710 MM		705x395x235 MM	
Loading Quantity (20GP/40GP/40HQ)	420/870/1020		420/870/1020	



## Product Structure



## Selling Point

- The size is larger, the weight is heavier
- 0.01MPa start-up water pressure, good for old residence, high building, etc.
- Thermostatic  $\pm 1^{\circ}\text{C}$  temperature difference, outlet hot water temperature is stable, good for senior people and children.
- $35^{\circ}\text{C}$ - $65^{\circ}\text{C}$  temperature adjusting range.
- 220V or 110V Electricity powered
- Touch screen display, easy operation.
- Self-inspection
- Multi-safety protections
- No turbo, less noise
- European style chimney, oxygen-free copper heat exchanger



JSD-A1 (10L/12L)



JSD-B1 (10L/12L)

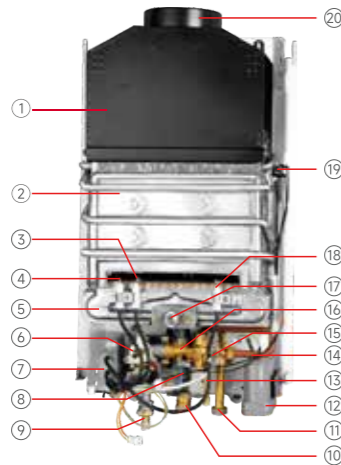
MODELS-11L	JSD-A1	JSD-B1
Gas type	LPG	GN
Nominal heat flow rate(Max/Min,kw)	22/8.5	22/8.5
Gas type	G30/G31	G20/G25
Gas pressure (mbar)	29/37	20/25
Hot water capacity ( $\Delta t=25^{\circ}\text{C}$ ,L/min)	11	11
Net weight (kg)	11	10
Product Dimension	610x340x180 MM	550x340x180 MM
Packing Dimension	710x395x235 MM	705x395x235 MM
Loading Quantity (20GP/40GP/40HQ)	420/870/1020	420/870/1020



**Internal Construction View**

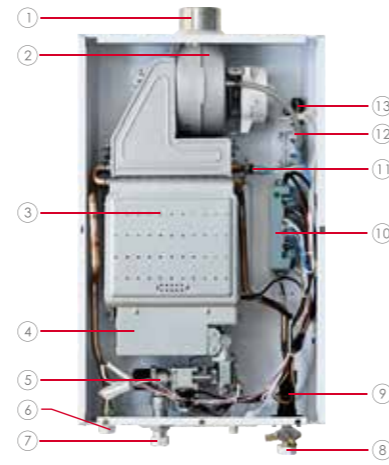
Open Flue Type

- 1.Flue
- 2.Heat Exchanger
- 3.Sensor
- 4.Lgnition Jiggle
- 5.Burner
- 6.Flame Adjustmet
7. Pulser Ignitor
- 8.Micro Switch
- 9.Gas Inlet
- 10.Hot Water Outlet
- 11.Cold Water Inlet
- 12.Battery Box
- 13.Drain Valve
14. Water Pipe
15. Water Temperature Control
- 16.Valve
- 17.Winter-summer Adjustment
- 18.Lgnition
- 19.Temperature Controller
- 20.Flue Outlet



Air-cooled Constant Temperature Forced Type

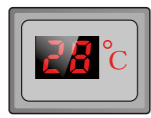
- 1.Flue Outlet
- 2.AC Motor fan assembly
- 3.Air-cooled Heat Exchanger
- 4.Gas Burner
- 5.Gas Proportional Valve
- 6.Hot Water Outlet
- 7.Gas Inlet
- 8.Cold Water Inlet
- 9.Water Flow Sensor
- 10.PCB
- 11.Temperature Thermostat
- 12.Air Pressure Switch
- 13.Capacitor



**Display Components**



LED-1



LED-2



LED-3



LED-4



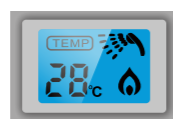
LED-5



LED-6



LCD-1



LCD-2



LCD-3



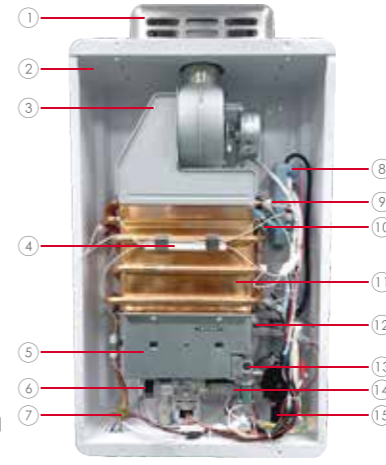
Battery Box



**Internal Construction View**

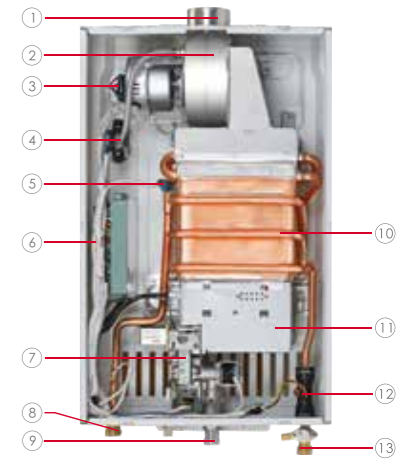
Outdoor Constant Temperature Type

1. Chimney
2. Base
3. AC Motor fan assembly
4. Anti-frozen device
5. Burner
6. Gas proportional valve
7. Water outlet temperature sensor
8. PCB
9. Anti frozen temp. sensor
10. Anti-dry temp.sensor
11. Heat exchanger
12. Ignition needle
13. Gas distribution rod
14. Gas segmented solenoid valve
15. Water Flow Sensor



Constant Temperature Forced Type

- 1.Flue Outlet
- 2.AC Motor fan assembly
- 3.Capacitor
- 4.Air Pressure Switch
- 5.Temperature Thermostat
- 6.PCB
- 7.Gas Proportional Valve
- 8.Hot Water Outlet
- 9.Gas Inlet
- 10.Free-Oxygen Heat Exchanger
- 11.Gas Burner
- 12.Water Flow Sensor
- 13.Cold Water Inlet



**Key Components**



Zero Water Pressure Valve



Small Copper Valve



Regular Valve



Middle Valve



Big Valve



Burner (Harmonica)



Burner (T)



Burner (Short)



Heat Exchanger  
Tin Coating Copper



Heat Exchanger  
Free-Oxygen Copper



Temperature Sensor



Electromagnetic Valve  
(Solenoid Valve)



Intelligent Proportional Valve



Water Flow Sensor