

## POSITIONING

To Be Top Professional Gas Water Heater Customizer  
For Water Quality Imporvement

## MISSION

To Supply Hot Water Much Healthier

## VISION

To Be First Choice Of Gas Water Heater

## VALUES

Moral Behave, Co-create, Share, Passion, Win-Win

### YONYAN ELECTRIC GAS TECHNOLOGY CO., LTD

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YONYAN ELECTRIC GAS TECHNOLOGY CO.,LTD

—  
TO SUPPLY HOT WATER  
MUCH HEALTHIER





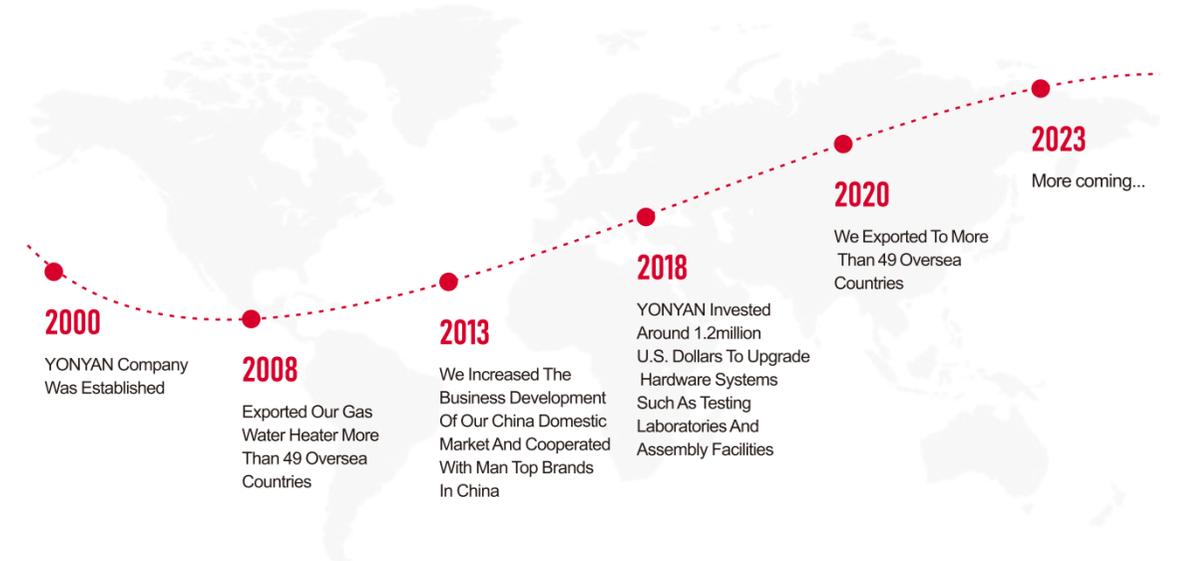
**ABOUT US**

YONYAN ELECTRIC GAS TECHNOLOGY CO.,LTD was established in 2000, located in the capital manufacturing center of electric home appliances in SHUNDE, FOSHAN City. We professionally & constantly manufacture GAS WATER HEATER with ISO9001 certificate guaranteed, as well as NOM,CE,EAC,AGA certificate approved. Our oversea market covers more than 49 countries which supported by our strong OEM & ODM service team. We also increased our China domestic business development in 2013 by cooperating with many domestic top brands. In order to achieve our main mission "To supply hot water much healthier", YONYAN invested more than 1.5million U.S. Dollars to upgrade hardware systems in 2018.

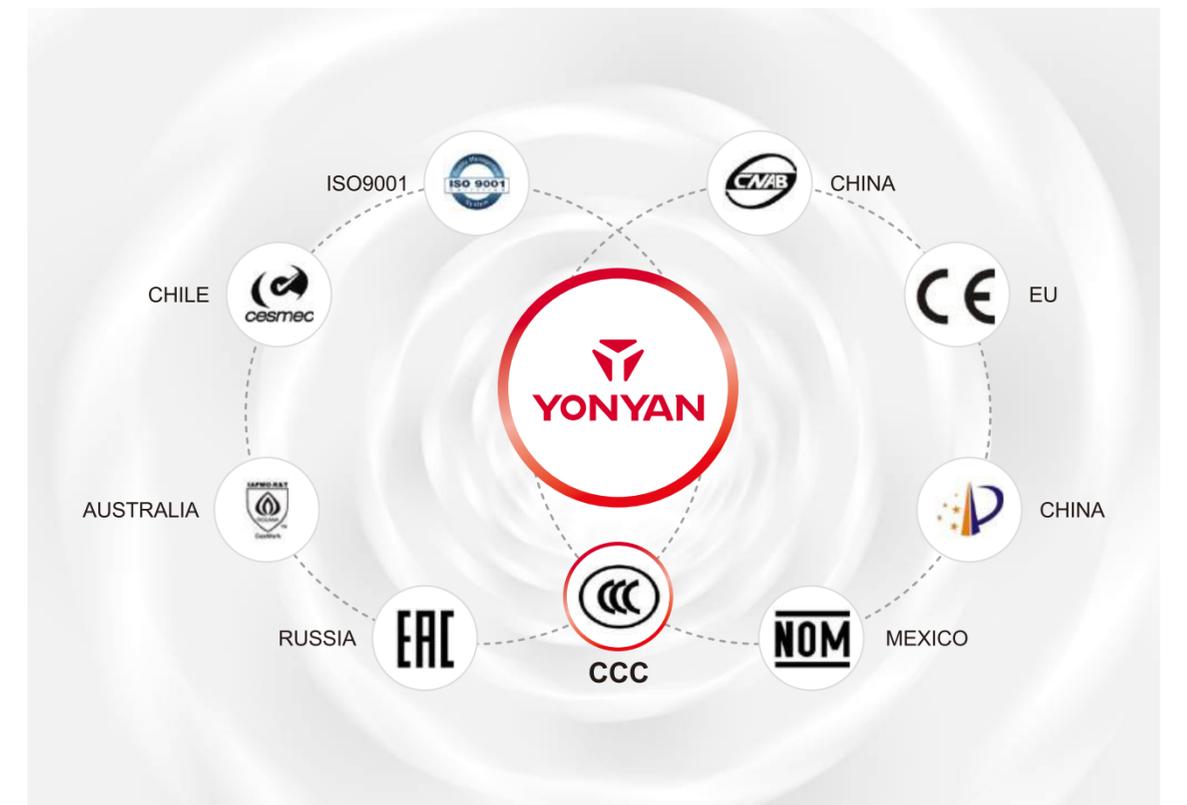
With the complete production assembly lines & precise testing equipments & mature quality control system, high talented human resource, keeping upgrading manufacture facilities and focus on customers' value, we persist supplying with favorable cost and stable quality. According to such significant advantages we achieved, absolutely we could support all clients with long-term business WIN-WIN relationship. Warmly welcome to "YONYAN" to enlarge business scope by our joint effort.



**YONYAN HISTORY**



**CERTIFICATE**





YONYAN Factory Exterior



YONYAN Factory Exterior



YONYAN Factory Exterior



YONYAN Exhibition hall



YONYAN Workshop



YONYAN Office



## Quality Control

▶ Integrated Testing Lab overview

▶ Environment And Packing Testing Room

▶ Comprehensive Testing Room



Integrated Testing Lab



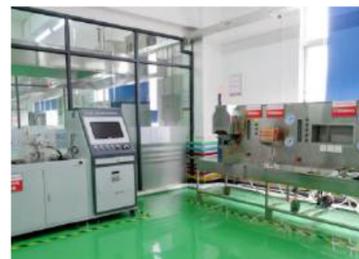
Life Testing Equipment



Key Parts Performance Testing Room



Water Heater Integrated Automatic Testing Equipment



Burner,heat Exchanger And Gas Valve Testing Equipment



Integrated Testing Lab



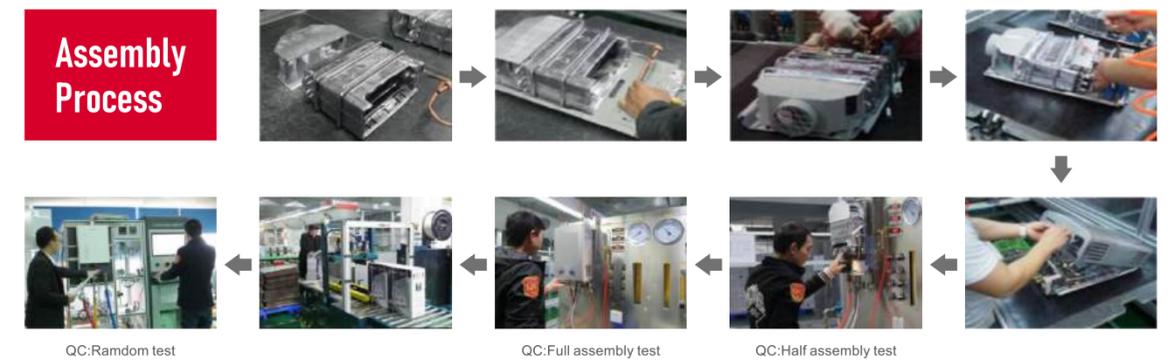
Integrated Testing Lab



▶ Individual Water And Gas Supply Base

▶ Key Part Performance Testing Room

- ▶ Production Line—50,000PCS monthly production capability
- ▶ We follow the 7s factory management system
- ▶ 2 automatic assembly line &2 automatic packing machine





### CULTURAL PRINCIPLE OF YONYAN

- Positioning** To Be Top Professional Gas Water Heater Customizer For Water Quality Imporvement
- Mission** To Supply Hot Water Much Healthier
- Vision** To Be First Choice Of Gas Water Heater Customizer For Water Quality Imporvement
- Values** Moral Behave,Co-create,Share,Passion,Win-Win



### Team Building Activities

- ▶ ACTIONS SPEAK LOUDER THAN WORDS.
- ▶ NEVER PUT OFF UNTIL TOMORROW WHAT YOU CAN DO TODAY.
- ▶ BEING TOGETHER, BE ALL-CONQUERING.
- ▶ STRIVE TO BE FIRST-CLASS TALENTS, CREATE FIRST-CLASS PRODUCTS, AND CREATE FIRST-CLASS ENTERPRISES.
- ▶ NEVER TRY TO MAKE EXCUSES FOR DELAY BUT INSTEAD OF FINDING A WAY TO SUCCESS.
- ▶ ATTITUDE DECIDES EVERYTHING, DETAILS DETERMINE SUCCESS OR FAILURE.
- ▶ NO PLAN TO STAY AWAY FROM WORK, NO SUMMARY TO STAY AWAY FROM WORK.
- ▶ DO MORE, ACT FASTER, SPEAK SOFTLY, AND BE MORE EFFICIENT.



Endless Hot Water  
On Demand With  
CE Certificate  
Approved

11



JSD22-M1LP  
JSD22-M1GN

12



TO SUPPLY HOT WATER  
MUCH HEALTHIER



## EU LOW NO X GAS WATER HEATER



JSD22-D4LP  
JSD22-D4GN

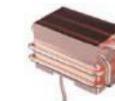


JSD22-D5LP  
JSD22-D5GN

- ▶ With ERP Certificate: A
- ▶ Atmospheric Gas Water Heater Of 11l/min
- ▶ Low NOx Emissions
- ▶ Ignition By Batteries.
- ▶ Automatic Flame Modulation
- ▶ Available For Natural Gas, Propane And Butane
- ▶ No Pilot Light: More Gas Savings
- ▶ Variable And Modulating Power
- ▶ LED Digital Display



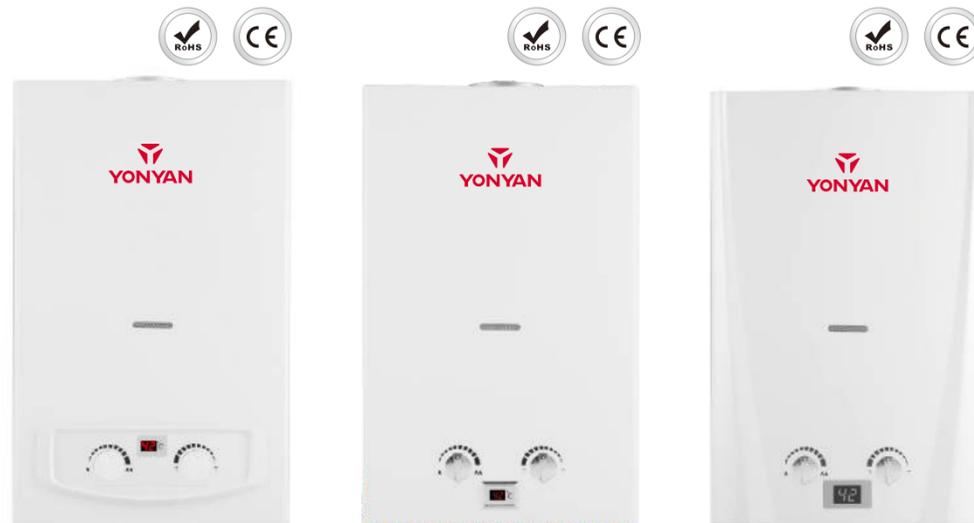
- ▶ Oxygen-free copper Heat Exchanger  
The oxidation treatment of the oxygen-free copper water tank can prevent the water tank from oxidation or corrosion in the course of use. and has high thermal conductivity and long service life.
- ▶ Cooled Burner (Cool System)  
Exclusive cooled burner. specifically designed and built to be able to cool the flame base throughout its entire path, thus drastically reducing NOx emissions into the atmosphere, maximizing its performance.



Nominal Heat Flow Rate (kw)	23.5
Thermal Power (max/min,kw)	20.9/7
Maximum Operating Pressure (bar)	10
Domestic Hot Water Production 10.47(Δt=25°C,l/min)	10.47
Weight When Empty (kg)	11
Power Supply	Batteries (DC 3V)
Product Size (mm)	550*340*180 (NG) , 610*340*180 (LPG)
Package Size (mm)	675*390*235 (NG) , 705*390*235 (LPG)



**EU LOW NO X GAS WATER HEATER**



**JSD22-D3LP  
JSD22-D3GN**

**JSD22-B1LP  
JSD22-B1GN**

**JSD22-B2LP  
JSD22-B2GN**

- ▶ With ERP Certificate: A
- ▶ Atmospheric Gas Water Heater Of 11l/min
- ▶ Low NOx Emissions
- ▶ Ignition By Batteries.  
Automatic Flame modulation
- ▶ Available For Natural Gas,  
Propane And Butane
- ▶ No Pilot Light: More Gas Savings
- ▶ Variable And Modulating Power
- ▶ LED Digital Display



- ▶ Oxygen-free copper Heat Exchanger  
The oxidation treatment of the oxygen-free copper water tank can prevent the water tank 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 NOx emissions into the atmosphere, maximizing its performance.



Nominal Heat Flow Rate (kw)	23.5
Thermal Power (max/min, kw)	20.9/7
Maximum Operating Pressure (bar)	10
Domestic Hot Water Production 10.47 (δt=25°C, l/min)	10.47
Weight When Empty (kg)	11
Power Supply	Batteries (DC 3V)
Product Size (mm)	550*340*180 (NG) , 610*340*180 (LPG)
Package Size (mm)	675*390*235 (NG) , 705*390*235 (LPG)



**JSD22-D1LP  
JSD22-D1GN**

**JSD22-D2LP  
JSD22-D2GN**

- ▶ With ERP Certificate: A
- ▶ Atmospheric Gas Water Heater Of 11l/min
- ▶ Low NOx Emissions
- ▶ Ignition By Batteries.  
Automatic Flame modulation
- ▶ Available For Natural Gas,  
Propane And Butane
- ▶ No Pilot Light: More Gas Savings
- ▶ Variable And Modulating Power
- ▶ LED Digital Display



- ▶ Oxygen-free copper Heat Exchanger  
The oxidation treatment of the oxygen-free copper water tank can prevent the water tank 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 NOx emissions into the atmosphere, maximizing its performance.



Nominal Heat Flow Rate (kw)	23.5
Thermal Power (max/min, kw)	20.9/7
Maximum Operating Pressure (bar)	10
Domestic Hot Water Production 10.47 (δt=25°C, l/min)	10.47
Weight When Empty (kg)	11
Power Supply	Batteries (DC 3V)
Product Size (mm)	550*340*180 (NG) , 610*340*180 (LPG)
Package Size (mm)	675*390*235 (NG) , 705*390*235 (LPG)



### Natural Exhaust Type



JSD-NE1(6L)



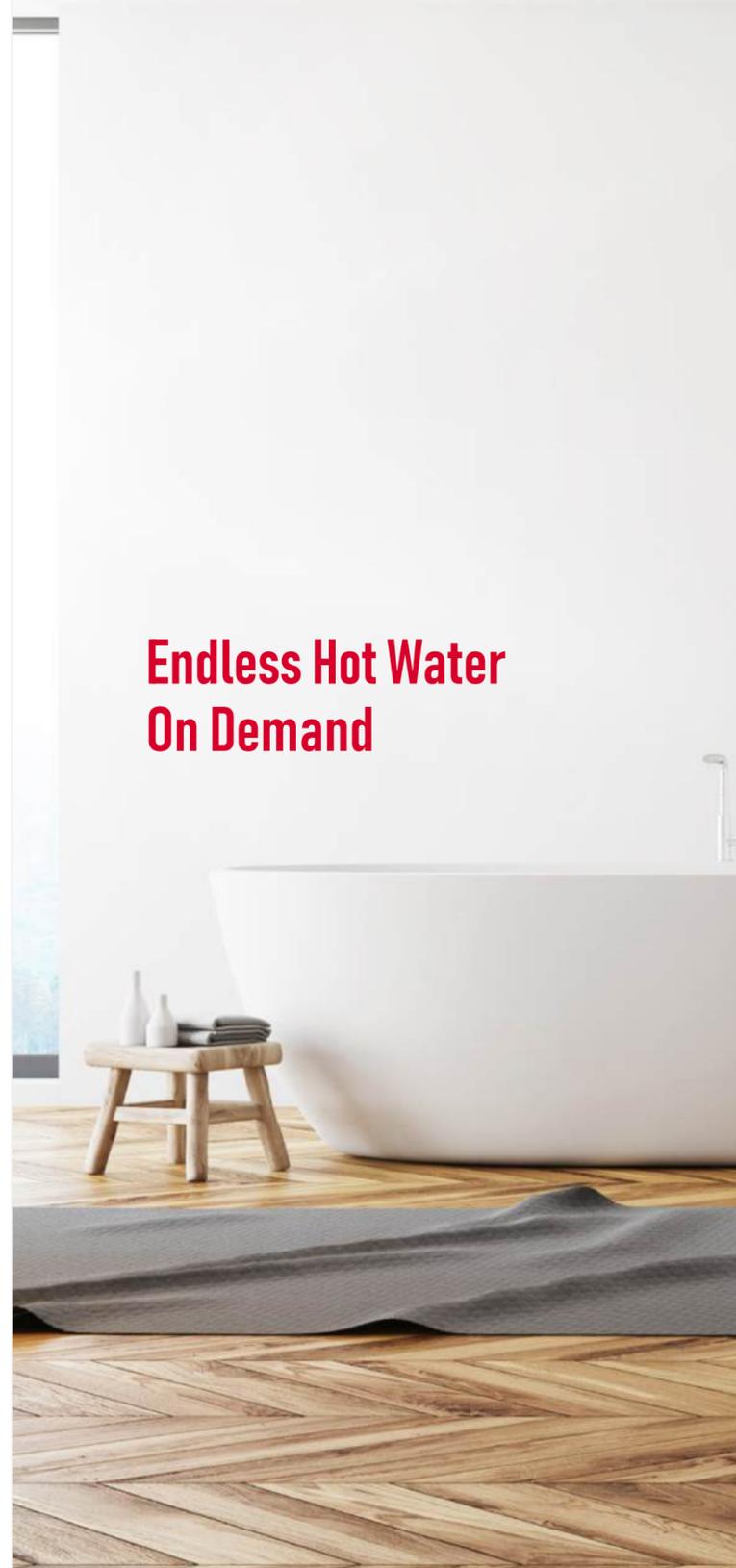
JSD-NE2(6L)

- ▶ Exhaust Way : Natural Exhaust Type
- ▶ Ignition Mode : Automatic Electrical Pulse Ignition
- ▶ 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 : Heating Time ≤15 Seconds ;Over Temperature ≤2°C;Stability Time:≤15 Seconds
- ▶ Connection Pipe Specs : Water Inlet : G1/2" Pipe ; Water Outlet:G1/2" Pipe;Gas Inlet : G1/2" Pipe



Rated Water Output ( $\Delta T= 25^{\circ}\text{C}$ )/Min	6L/MIN
Rated Thermal Load	12KW
Product Size(MM)	370*290*120
Package Size(MM)	450*345*180
Loading Qty.(PCS)20FT / 40FT / 40HQ	990 / 2040 / 2400

### Endless Hot Water On Demand



JSD-W1



## Flue Type



JSD-W2

JSD-W3

JSD-W4

- ▶ Exhaust Way : Flue Type/Force Exhaust
- ▶ Ignition Mode : Automatic Electrical Pulse Ignition
- ▶ 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 : Heating Time ≤15 Seconds ;Over Temperature ≤2°C;Stability Time:≤15 Seconds
- ▶ Connection Pipe Specs : Water Inlet : G1/2" Pipe ; Water Outlet : G1/2" Pipe;Gas Inlet : G1/2" Pipe
- ▶ Capacity : 6L-20L



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)	440*300*130	500*300*145	520*320*160	550*330*180
Package Size(MM)	520*350*180	600*350*190	635*375*210	670*380*235
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	16L/MIN	18L/MIN	20L/MIN
Rated Thermal Load	24KW	32KW	36KW	40KW
Product Size(MM)	590*340*180	650*420*185	650*420*185	730*430*180
Package Size(MM)	705*390*235	750*465*235	750*465*235	880*470*250
Loading Qty.(PCS)20FT / 40FT / 40HQ	420 / 880 / 1040	330 / 690 / 815	330 / 690 / 815	260 / 545 / 640



JSD-W5

JSD-W6

JSD-W7

- ▶ Exhaust Way : Flue Type/Force Exhaust
- ▶ Ignition Mode : Automatic Electrical Pulse Ignition
- ▶ 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 : Heating Time ≤15 Seconds ;Over Temperature ≤2°C;Stability Time:≤15 Seconds
- ▶ Connection Pipe Specs : Water Inlet : G1/2" Pipe ; Water Outlet : G1/2" Pipe;Gas Inlet : G1/2" Pipe
- ▶ Capacity : 6L-20L



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)	440*300*130	500*300*145	520*320*160	550*330*180
Package Size(MM)	520*350*180	600*350*190	635*375*210	670*380*235
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	16L/MIN	18L/MIN	20L/MIN
Rated Thermal Load	24KW	32KW	36KW	40KW
Product Size(MM)	590*340*180	650*420*185	650*420*185	730*430*180
Package Size(MM)	705*390*235	750*465*235	750*465*235	880*470*250
Loading Qty.(PCS)20FT / 40FT / 40HQ	420 / 880 / 1040	330 / 690 / 815	330 / 690 / 815	260 / 545 / 640



JSD-W8

JSD-W9

JSD-W10

- ▶ Exhaust Way : Flue Type/Force Exhaust
- ▶ Ignition Mode : Automatic Electrical Pulse Ignition
- ▶ 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 : Heating Time ≤15 Seconds ;Over Temperature ≤2°C;Stability Time:≤15 Seconds
- ▶ Connection Pipe Specs : Water Inlet : G1/2" Pipe ; Water Outlet : G1/2" Pipe;Gas Inlet : G1/2" Pipe
- ▶ Capacity : 6L-20L



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)	440*300*130	500*300*145	520*320*160	550*330*180
Package Size(MM)	520*350*180	600*350*190	635*375*210	670*380*235
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	16L/MIN	18L/MIN	20L/MIN
Rated Thermal Load	24KW	32KW	36KW	40KW
Product Size(MM)	590*340*180	650*420*185	650*420*185	730*430*180
Package Size(MM)	705*390*235	750*465*235	750*465*235	880*470*250
Loading Qty.(PCS)20FT / 40FT / 40HQ	420 / 880 / 1040	330 / 690 / 815	330 / 690 / 815	260 / 545 / 640



JSD-W11

JSD-W12

JSD-W13

- ▶ Exhaust Way : Flue Type/Force Exhaust
- ▶ Ignition Mode : Automatic Electrical Pulse Ignition
- ▶ 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 : Heating Time ≤15 Seconds ;Over Temperature ≤2°C;Stability Time:≤15 Seconds
- ▶ Connection Pipe Specs : Water Inlet : G1/2" Pipe ; Water Outlet : G1/2" Pipe;Gas Inlet : G1/2" Pipe
- ▶ Capacity : 6L-12L



Rated Water Output (ΔT= 25°C)L/Min	6L/MIN	7L/MIN	8L/MIN
Rated Thermal Load	12KW	14KW	16KW
Product Size(MM)	440*300*135	490*310*145	520*330*140
Package Size(MM)	520*350*180	600*360*190	640*380*200
Loading Qty.(PCS)20FT / 40FT / 40HQ	850 / 1740 / 2050	675 / 1395 / 1640	565 / 1165 / 1370

Rated Water Output (ΔT= 25°C)L/Min	10L/MIN	12L/MIN
Rated Thermal Load	20KW	24KW
Product Size(MM)	550*340*140	590*340*140
Package Size(MM)	685*390*215	705*390*200
Loading Qty.(PCS)20FT / 40FT / 40HQ	480 / 990 / 1160	500 / 1040 / 1220



JSD-W14

JSD-W15

JSD-W16

- ▶ Exhaust Way : Flue Type/Force Exhaust
- ▶ Ignition Mode : Automatic Electrical Pulse Ignition
- ▶ 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 : Heating Time ≤15 Seconds ;Over Temperature ≤2°C;Stability Time:≤15 Seconds
- ▶ Connection Pipe Specs : Water Inlet : G1/2" Pipe ; Water Outlet : G1/2" Pipe;Gas Inlet : G1/2" Pipe
- ▶ Capacity : 6L-12L



Rated Water Output (ΔT= 25°C)L/Min	6L/MIN	8L/MIN
Rated Thermal Load	12KW	16KW
Product Size(MM)	440*300*135	550*340*185
Package Size(MM)	520*350*180	675*395*235
Loading Qty.(PCS)20FT / 40FT / 40HQ	850 / 1740 / 2050	475 / 925 / 1110
Rated Water Output (ΔT= 25°C)L/Min	10L/MIN	12L/MIN
Rated Thermal Load	20KW	24KW
Product Size(MM)	590*340*185	610*340*185
Package Size(MM)	685*390*235	705*390*235
Loading Qty.(PCS)20FT / 40FT / 40HQ	470 / 920 / 1080	420 / 880 / 1040



JSD-W17

JSD-W18

- ▶ Exhaust Way : Flue Type/Force Exhaust
- ▶ Ignition Mode : Automatic Electrical Pulse Ignition
- ▶ 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 : Heating Time ≤15 Seconds ;Over Temperature ≤2°C;Stability Time:≤15 Seconds
- ▶ Connection Pipe Specs : Water Inlet : G1/2" Pipe ; Water Outlet : G1/2" Pipe;Gas Inlet : G1/2" Pipe
- ▶ Capacity : 6L-12L



Rated Water Output (ΔT= 25°C)L/Min	6L/MIN	8L/MIN
Rated Thermal Load	12KW	16KW
Product Size(MM)	440*300*135	550*340*185
Package Size(MM)	520*350*180	675*395*235
Loading Qty.(PCS)20FT / 40FT / 40HQ	850 / 1740 / 2050	475 / 925 / 1110
Rated Water Output (ΔT= 25°C)L/Min	10L/MIN	12L/MIN
Rated Thermal Load	20KW	24KW
Product Size(MM)	590*340*185	610*340*185
Package Size(MM)	685*390*235	705*390*235
Loading Qty.(PCS)20FT / 40FT / 40HQ	470 / 920 / 1080	420 / 880 / 1040



JSD-15-E



JSD-16-E



JSD-17-E

- ▶ Exhaust Way : Flue Type/Force Exhaust
- ▶ Ignition Mode : Automatic Electrical Pulse Ignition
- ▶ 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 : Heating Time ≤15 Seconds ;Over Temperature ≤2°C;Stability Time:≤15 Seconds
- ▶ Connection Pipe Specs : Water Inlet : G1/2" Pipe ; Water Outlet : G1/2" Pipe; Gas Inlet : G1/2" Pipe
- ▶ Capacity : 6L-12L



Rated Water Output (ΔT= 25°C)/L/Min	6L/MIN	8L/MIN
Rated Thermal Load	12KW	16KW
Product Size(MM)	440*300*135	550*340*185
Package Size(MM)	520*350*180	675*395*235
Loading Qty.(PCS)20FT / 40FT / 40HQ	850 / 1740 / 2050	475 / 925 / 1110
Rated Water Output (ΔT= 25°C)/L/Min	10L/MIN	12L/MIN
Rated Thermal Load	20KW	24KW
Product Size(MM)	590*340*185	610*340*185
Package Size(MM)	685*390*235	705*390*235
Loading Qty.(PCS)20FT / 40FT / 40HQ	470 / 920 / 1080	420 / 880 / 1040



JSD-W19





## Dual Power Supply



**JSD-W20**  
5V Micro USB

**JSD-W21**  
12V DC Adapter

- ▶ Working State:
- Both battery and external power supply is connected with
  - Only battery is connected with power
  - Only external power supply is connected
- In any of above 3 cases, the heater can operate normally  
If the battery and external power supply are connected at the same time  
the external power supply will be used first



1. Convenient for customer to run with external power supply when the battery stop working
2. Suitable for camping RV or Garden Outdoor Using
3. Save much cost of Dry battery
4. Reduce the use of dry batteries and avoid environmental pollution

### Battery Useful Data:

Gas Water Heater Specification	Battery Useful Life
Single solenoid valve	100 days
Double solenoid valve	80 days
Single solenoid valve with normal LCD	50 days
Double solenoid valve with LCD	41.3 days

Remarks: One day run the gas water heater in 5 times, each times keep running 20 minutes



## Full Colorful Glass



**JSD-FG1**

**JSD-FG2**

**JSD-FG3**

- ▶ Exhaust Way : Flue Type/Force Exhaust
- ▶ Ignition Mode : Automatic Electrical Pulse Ignition
- ▶ 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 : Heating Time ≤15 Seconds ;Over Temperature ≤2°C; Stability Time: ≤15 Seconds
- ▶ Connection Pipe Specs : Water Inlet : G1/2" Pipe ; Water Outlet : G1/2" Pipe; Gas Inlet : G1/2" Pipe
- ▶ Capacity : 6L-12L



Rated Water Output (ΔT= 25°C)L/Min	6L/MIN	7L/MIN	8L/MIN
Rated Thermal Load	12KW	14KW	16KW
Product Size(MM)	440*300*135	490*310*145	520*330*140
Package Size(MM)	520*350*180	600*360*190	640*380*200
Loading Qty.(PCS)20FT / 40FT / 40HQ	850 / 1740 / 2050	675 / 1395 / 1640	565 / 1165 / 1370

Rated Water Output (ΔT= 25°C)L/Min	10L/MIN	12L/MIN
Rated Thermal Load	20KW	24KW
Product Size(MM)	550*340*140	590*340*140
Package Size(MM)	685*390*215	705*390*200
Loading Qty.(PCS)20FT / 40FT / 40HQ	480 / 990 / 1160	500 / 1040 / 1220



## Force Exhaust Type



Single Layer Pipe



JSQ-F1

- ▶ Exhaust Way : Force Exhaust
- ▶ Diameter of Smoke Exhaust :  $\Phi 60\text{MM}$
- ▶ Ignition Mode : Automatic Electrical Pulse Ignition
- ▶ Gas Type : LPG 2800PA; Natural Gas 1300PA/2000PA
- ▶ Rated Voltage : AC 220V / 50HZ & AC 110V / 60HZ
- ▶ Rated Water Pressure : 0.01~0.8MPA
- ▶ Panel Material : White Powder Painting/Silver Metallic Painting
- ▶ Heating Status : Heating Time  $\leq 15$  Seconds ;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 Inlet : G1/2" Pipe
- ▶ Capacity : 8L-20L



Rated Water Output ( $\Delta T= 25^\circ\text{C}$ )L/Min	8L/MIN	10L/MIN	12L/MIN
Rated Thermal Load	16KW	20KW	24KW
Product Size(MM)	520*320*160	550*330*180	590*340*180
Package Size(MM)	635*375*210	670*380*235	705*390*235
Loading Qty.(PCS)20FT / 40FT / 40HQ	490 / 1015 / 1195	415 / 860 / 1010	385 / 800 / 940
Rated Water Output ( $\Delta T= 25^\circ\text{C}$ )L/Min	16L/MIN	18L/MIN	20L/MIN
Rated Thermal Load	32KW	36KW	40KW
Product Size(MM)	650*420*185	650*420*185	730*430*180
Package Size(MM)	750*465*235	750*465*235	880*470*250
Loading Qty.(PCS)20FT / 40FT / 40HQ	310 / 645 / 760	310 / 645 / 760	245 / 510 / 605



## Mechanical Balanced Type



Double Layer Pipe



JSG-B1

- ▶ Exhaust Way : Balanced Type
- ▶ Diameter of Smoke Exhaust :  $\Phi 60\text{MM}$  (Inlet Pipe Diameter)  $\Phi 90\text{MM}$  (Outlet Pipe Diameter)
- ▶ Ignition Mode : Automatic Electrical Pulse Ignition
- ▶ Gas Type : LPG 2800PA; Natural Gas 1300PA/2000PA
- ▶ Rated Voltage : AC 220V / 50HZ & AC 110V / 60HZ
- ▶ Rated Water Pressure : 0.01~0.8MPA
- ▶ Panel Material : White Powder Painting/Silver Metallic Painting
- ▶ Heating Status : Heating Time  $\leq 15$  Seconds ;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 Inlet : G1/2" Pipe
- ▶ Capacity : 10L,12L



Rated Water Output ( $\Delta T= 25^\circ\text{C}$ )L/Min	10L/MIN	12L/MIN
Rated Thermal Load	20KW	24KW
Product Size(MM)	550*340*140	550*340*140
Package Size(MM)	685*390*215	685*390*215
Loading Qty.(PCS)20FT / 40FT / 40HQ	365 / 765 / 900	365 / 765 / 900



# Camping Gas Water Heater



**Pump pack**  
no worry about water pressure



**Anti tilt device**  
if the unit is hung at an Angle of more than 45 degrees, it will shut off automatically



**Certified control system**  
More stable and reliable.



**Flameout protection**



**Dry combustion protection**



**Anti-freezing protection**



**Stainless steel burner**  
the water temperature is more suitable for HIGH in winter and LOW in summer



**>99.9% pure copper heat exchanger**  
It's greener



**Degree celsius display**



**Ignition failure protection**



**Overheating protection**



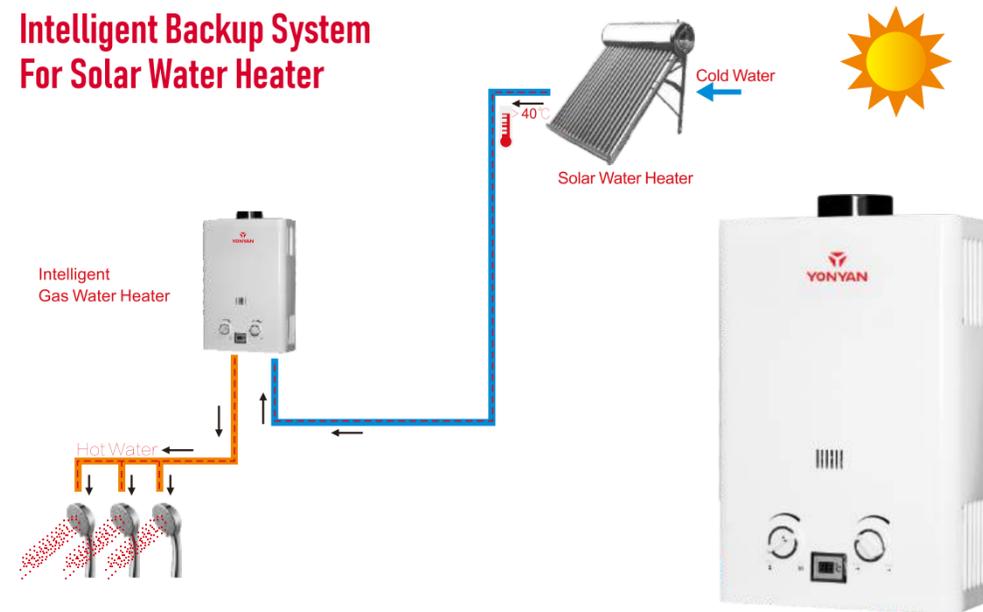
**High water pressure protection**

- ▶ Capacity : 6L/Minute
- ▶ Injector Size :  $\Phi$  0.62mm\*6
- ▶ Gas Type : LPG Propane
- ▶ Gas Consumptions : 28Mj/H
- ▶ Gas Pressure : 2.75Kpa
- ▶ Min Water Pressure : 25Kpa
- ▶ Max Water Pressure : 1500Kpa
- ▶ Product Size(MM) : 370\*300\*128
- ▶ Package Size(MM) : 525\*355\*185
- ▶ Loading Qty.(PCS)20FT/40FT/40HQ : 800 / 1655 / 1940



**JSD-NE3**

### Intelligent Backup System For Solar Water Heater



**Working Principle:**

- When water temperature from the tank of solar water heater is below 40°C, 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°C, the gas water heater does not work.

**ECO-S1**

- ▶ Exhaust Way : Flue Type
- ▶ Ignition Mode : Automatic Electrical Pulse Ignition
- ▶ 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 : Heating Time ≤15 Seconds ;Over Temperature ≤2°C;Stability Time:≤15 Seconds
- ▶ Connection Pipe Specs : Water Inlet : G1/2" Pipe ; Water Outlet : G1/2" Pipe; Gas Inlet : G1/2" Pipe
- ▶ Capacity : 6L-20L

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)	440*300*130	500*300*145	520*320*160	550*330*180
Package Size(MM)	520*350*180	600*350*190	635*375*210	670*380*235
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	16L/MIN	18L/MIN	20L/MIN
Rated Thermal Load	24KW	32KW	36KW	40KW
Product Size(MM)	590*340*180	650*420*185	650*420*185	730*430*180
Package Size(MM)	705*390*235	750*465*235	750*465*235	880*470*250
Loading Qty.(PCS)20FT / 40FT / 40HQ	420 / 880 / 1040	330 / 690 / 815	330 / 690 / 815	260 / 545 / 640

### Comfort and Intelligent Begin with Water

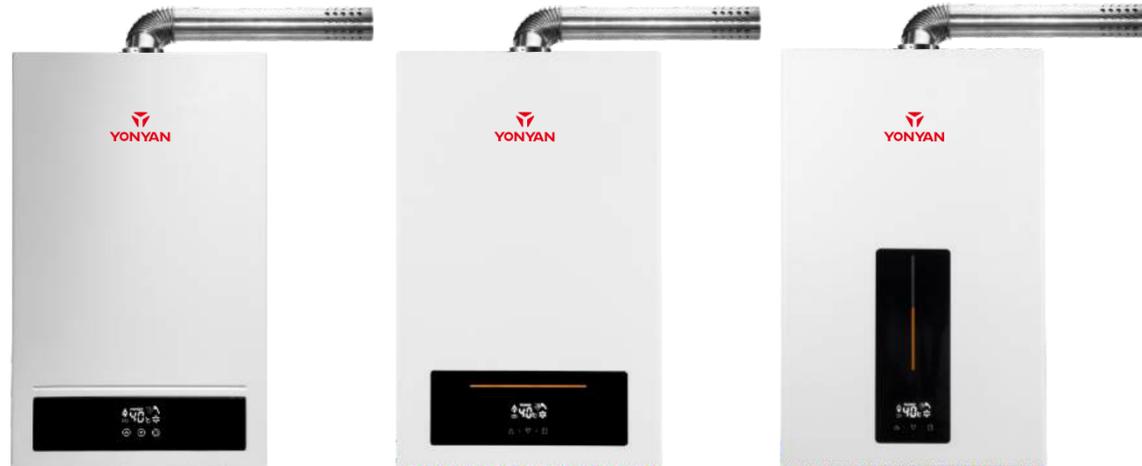
It's not just wind-resistant and silent.



**JSQ-CT1**



## Constant Temperature Type



JSQ-CT2

JSQ-CT3

JSQ-CT4

### Advantages

- ▶ Appearance: Modern, High-end compact design
- ▶ Temperature: With stable intelligent constant temperature. After 15 seconds, the water will maintain the outlet temperature at the set temperature.
- ▶ Safety: Innovative combustion technology and advanced multiple protection systems to ensure your safety.
- ▶ Screen: Soft touch and convenient control panel.
- ▶ Heat Exchanger: Oxygen-free copper exchanger in long life-time and high thermal efficiency.

### With Automatic-Analysing Function For Malfunction, Fault Code Display On The LCD

- E1 IGNITION FAILED OR FLAME AWAY DUE TO A SUDDEN CASE
- E2 MALFUNCTION ON THE FAKE FLAME OCCURED
- E3 MALFUNCTION ON THE WATER TEMPERATURE THERMOSTAT
- E4 MALFUNCTION ON THE TEMPERATURE DETECTOR INSTALLED ON INTLET PIPE
- E5 MALFUNCTION ON THE ELCTRIC FAN OR AIR PRESSURE SWITCH
- E6 OVER HEAT PROTECTION REMINDING
- E7 MALFUNCTION ON THE ELECTRIC-MAGNETIC VALVE
- E8 STUCK PROBLEM WARNING ON THE CHIMNEY PIPE
- E9 POWER OUTAGE PROTECTION
- EN CONTINUOUS WORKING TIME EXCEEDS THE REGULATED TIME SETTING



JSQ-CT5

JSQ-CT6

JSQ-CT7

- ▶ Exhaust Way : Constant Temperature Type
- ▶ Diameter of Smoke Exhaust :  $\Phi 60\text{MM}$
- ▶ Ignition Mode : Automatic Electrical Pulse Ignition
- ▶ Gas Type : LPG 2800PA; Natural Gas 1300PA/2000PA
- ▶ Rated Voltage : AC 220V / 50HZ & AC 110V / 60HZ
- ▶ Rated Water Pressure : 0.01~0.8MPA
- ▶ Panel Material : White Powder Painting/Silver Metallic Painting
- ▶ Heating Status : Heating Time  $\leq 15$  Seconds ; 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 Inlet : G1/2" Pipe
- ▶ Capacity : 12L - 18L



Rated Water Output ( $\Delta T = 25^\circ\text{C}$ )L/Min	12L/MIN	14L/MIN
Rated Thermal Load	24KW	28KW
Product Size(MM)	550*340*140	550*340*140
Package Size(MM)	685*390*215	685*390*215
Loading Qty.(PCS)20FT / 40FT / 40HQ	430 / 890 / 1045	430 / 890 / 1045

Rated Water Output ( $\Delta T = 25^\circ\text{C}$ )L/Min	16L/MIN	18L/MIN
Rated Thermal Load	32KW	36KW
Product Size(MM)	560*350*140	560*350*140
Package Size(MM)	685*405*215	685*405*215
Loading Qty.(PCS)20FT / 40FT / 40HQ	415 / 860 / 1010	415 / 860 / 1010



## Constant Temperature Type



JSQ-CT8

JSQ-CT9

JSQ-CT10

- ▶ Exhaust Way : Constant Temperature Type
- ▶ Diameter of Smoke Exhaust : Φ60MM
- ▶ Ignition Mode : Automatic Electrical Pulse Ignition
- ▶ Gas Type : LPG 2800PA; Natural Gas 1300PA/2000PA
- ▶ Rated Voltage : AC 220V / 50HZ & AC 110V / 60HZ
- ▶ Rated Water Pressure : 0.01~0.8MPA
- ▶ Panel Material : White Powder Painting/Silver Metallic Painting
- ▶ Heating Status : Heating Time ≤15 Seconds ;Over Temperature ≤2°C;Stability Time:≤15 Seconds
- ▶ Connection Pipe Specs : Water Inlet : G1/2" Pipe ; Water Outlet : G1/2" Pipe;Gas Inlet : G1/2" Pipe
- ▶ Capacity : 12L - 18L



Rated Water Output (ΔT= 25°C)L/Min	12L/MIN	14L/MIN
Rated Thermal Load	24KW	28KW
Product Size(MM)	550*340*140	550*340*140
Package Size(MM)	685*390*215	685*390*215
Loading Qty.(PCS)20FT / 40FT / 40HQ	430 / 890 / 1045	430 / 890 / 1045
Rated Water Output (ΔT= 25°C)L/Min	16L/MIN	18L/MIN
Rated Thermal Load	32KW	36KW
Product Size(MM)	560*350*140	560*350*140
Package Size(MM)	685*405*215	685*405*215
Loading Qty.(PCS)20FT / 40FT / 40HQ	415 / 860 / 1010	415 / 860 / 1010



JSQ-CT11

JSQ-CT12

JSQ-CTG2

- ▶ Exhaust Way : Constant Temperature Type
- ▶ Diameter of Smoke Exhaust : Φ60MM
- ▶ Ignition Mode : Automatic Electrical Pulse Ignition
- ▶ Gas Type : LPG 2800PA; Natural Gas 1300PA/2000PA
- ▶ Rated Voltage : AC 220V / 50HZ & AC 110V / 60HZ
- ▶ Rated Water Pressure : 0.01~0.8MPA
- ▶ Panel Material : White Powder Painting/Silver Metallic Painting
- ▶ Heating Status : Heating Time ≤15 Seconds ;Over Temperature ≤2°C;Stability Time:≤15 Seconds
- ▶ Connection Pipe Specs : Water Inlet : G1/2" Pipe ; Water Outlet : G1/2" Pipe;Gas Inlet : G1/2" Pipe
- ▶ Capacity : 12L - 18L



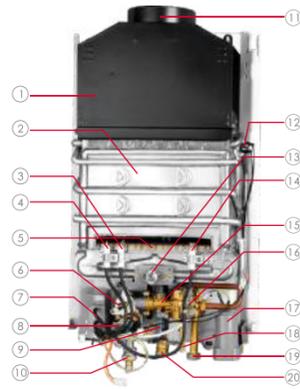
Rated Water Output (ΔT= 25°C)L/Min	12L/MIN	14L/MIN
Rated Thermal Load	24KW	28KW
Product Size(MM)	550*340*140	550*340*140
Package Size(MM)	685*390*215	685*390*215
Loading Qty.(PCS)20FT / 40FT / 40HQ	430 / 890 / 1045	430 / 890 / 1045
Rated Water Output (ΔT= 25°C)L/Min	16L/MIN	18L/MIN
Rated Thermal Load	32KW	36KW
Product Size(MM)	560*350*140	560*350*140
Package Size(MM)	685*405*215	685*405*215
Loading Qty.(PCS)20FT / 40FT / 40HQ	415 / 860 / 1010	415 / 860 / 1010



## Internal Construction View

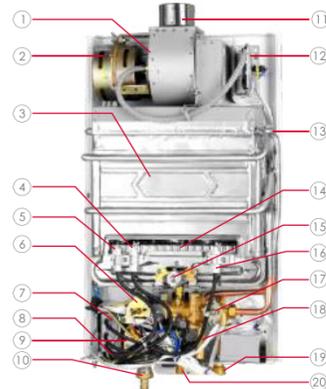
### Open Flue Type

- 1.Flue Cover
- 2.Heat Exchanger
- 3.Ignition Sensor Needle
- 4.Ignition Needle
- 5.Burner
- 6.Flame adjustment
- 7.Pulser Ignitor
- 8.Electromagnetic Valve
- 9.Micro Switch
- 10.Gas Inlet
- 11.Flue Outlet
- 12.Temperature Thermostat
- 13.Winter-Summer Adjustment
- 14.Ignition Needle
- 15.Valve
- 16.Water Temperature Adjustment
- 17.Battery Box
- 18.Drain Valve
- 19.Cold Water Inlet
- 20.Hot Water Outlet



### Force Exhaust Type

- 1.Electric Fan
- 2.Motor
- 3.Heat Exchanger
- 4.Ignition Sensor Needle
- 5.Ignition Needle
- 6.Flame adjustment
- 7.Pulser Ignitor
- 8.Power Supply Cable
- 9.Electromagnetic Valve
- 10.Gas Inlet
- 11.Flue Outlet
- 12.Air Pressure Switch
- 13.Temperature Thermostat
- 14.Burner
- 15.Winter-Summer Adjustment
- 16.Ignition Needle
- 17.Water Temperature Adjustment
- 18.Drain Valve
- 19.Cold Water Inlet
- 20.Hot Water Outlet



## Component List



LCD-1



LCD-2



LCD-3



LCD-4



LCD-5



LCD-6



LCD-7



LCD-8



LCD-9



Battery Box



Zero Water Pressure Valve



Small Copper Valve



Regular Valve



Middle Valve



Big Valve



Temperature Sensor



Burner(T Type)



Electromagnetic Valve (Solenoid Valve)



Heat Exchanger

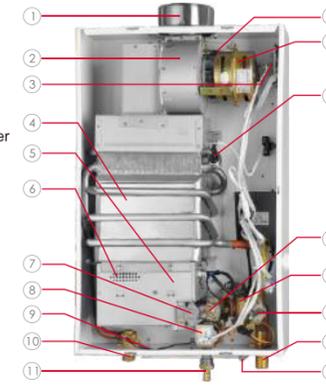


Heat Exchanger  
Free-Oxygen Copper Exchanger  
Long Lifetime  
High Efficiency



### Mechanical Balanced Type

- 1.Flue Outlet
- 2.Electric Fan
- 3.Air Pressure Switch
- 4.Heat Exchanger
- 5.Flame Check Window
- 6.Sealed Combustion Chamber
- 7.Water Distributor
- 8.Electromagnetic Valve
- 9.Power Supply Cable
- 10.Hot Water Outlet
- 11.Gas Inlet
- 12.Air Pressure Pipe
- 13.Electric Fan motor
- 14.Temperature Thermostat
- 15.Flame Adjustment
- 16.Valve
- 17.Water Temperature Control
- 18.Cold Water Inlet
- 19.Drain Valve



### Constant Temperature Type

- 1.Flue Outlet
- 2.Electric Fan
- 3.Electric Fan motor
- 4.Air Pressure Switch
- 5.Temperature Thermostat
- 6.Central Control Pulser Unit
- 7.Gas Proportional Valve
- 8.Hot Water Outlet
- 9.Gas Inlet
- 10.Free-Oxygen Heat Exchanger
- 11.Seald Combustion Chamber
- 12.Water Flow Sensor
- 13.Cold Water Inlet

