26+ Years Experience Your First Choice

About Us

Over 25 Years Of OEM & ODM Experience In Gas Water Heater

- OEM & ODM gas water heater since 2000.
- Established in 2000, the past over 25 years witnessed great chances of our product, R&D, quality level,and service as well. From now on, Greaidea has its own two production bases with over 150 employeescovering 130,000m'. In order to meet the growing marketing needs, national-level laboratory and 5 assembly lines for gas water heater.

— Our Customers —

Westinghouse · Walmart · DNS · amazon · taurus · Rinnai · Rotoplas

For more designs, please consult us

Greaidea GEA Co.,Ltd

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Greaidea
Since 2000

AIR-COOLED

Constant Temperature Gas Water Heater

For Wholesalers

ISO · EAC · CE · SA · NOM · INMETRO · SEC Chile

26+ Years Experience
Your First Choice

Greaidea
Since 2000

Air-cooled

constant temperature gas water heater

- Air-cooled combustion chamber (Integrated)
- V -shape burner (exclusive design)
- >89% High efficiency
- Double purification
- AI 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

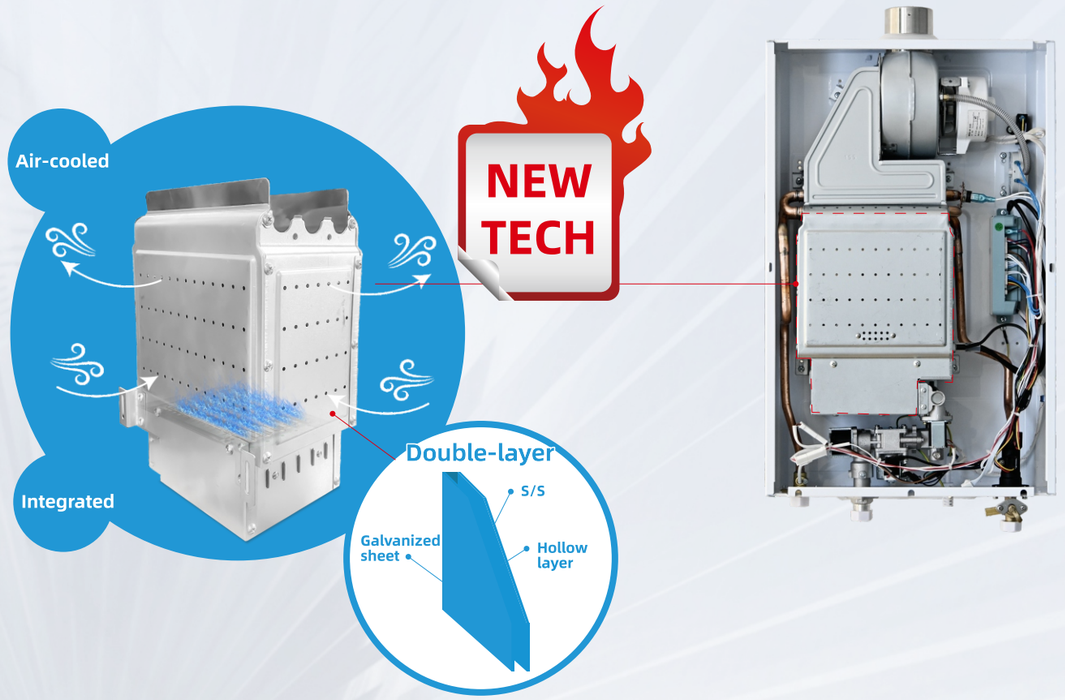
JSC 24/30-A1

JSC 24/30-A3

Greaidea
Since 2000

Air-cooled Combustion

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



Multi-protection Design

- Flameout protection
- Anti-scalding protection
- Anti-dry burning protection
- Over-pressure (water) protection
- Anti-freeze protection
- Anti-blocking protection
- Timing protection (40min)

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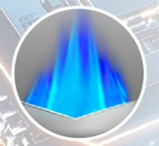
HOT SALE

V-shape Burner

EXCLUSIVE DESIGN



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

Precise Temp. Control By AI

- Precision water flow sensor
- Double speed variable - frequency fan
- Multi-stage burner
- Precision gas proportional valve

High Efficiency

>89%

Highest 80 % Savings gas

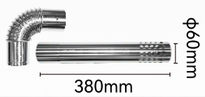
Double Purification

Purify and inhibit bacteria, protect sensitive skin

1 Water Inlet Filter

2 Oxygen-Free Copper Pipe

Air-cooled constant temperature gas water heater parameter



380mm Remark: Unit and its Pipe packed separately. Package Size: 160x75x485mm

JSC 24/30-*

Model	JSC 24	JSC 30
Rated Water	12L/min	16L/min
Output(△t=25℃)L/Min Rated	23kW	30kW
Thermal Load	>89%	>89%
Thermal Efficiency	550x350x170mm	550x350x170mm
Product Size(MM)	685x475x230mm	685x475x230mm
Package Size(MM) N.W./G.W.	8.2/10.2kg	8.6/10.6kg
Loading Qty.(PCS)20GP/40GP/40HQ	370/770/900	370/770/900

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VS

Air-cooled Combustion Chamber (Integrated)

Cooling Method

Cooling is achieved by circulating cold water through copper coil heat exchanger.

Corrosion Risk

Interlayer-air isolation stops condensed water from direct corrosion on the cavity, with prominent anti-corrosion advantages.

Combustion Stability

Wind-resistant design delivers stable flame. Small flame under low load avoids flame-out and flame-lifting.

Shell Surface Temperature

Cool-to-touch main body; components undergo slower heat-caused aging.

Cost Impact

Lower copper consumption with diminished cost impact.

Scale Correlation

Combustion-chamber cooling is independent of the water circuit; scaling in the tank has no impact on its cooling capability.

Maintenance Pain Points

Greatly lowered risk of water leakage due to cavity corrosion.

Oxygen Free Heat Exchanger

Cooling Method

Cooling via cold-water circulation within copper tank coil.

Corrosion Risk

The coil suffers continuous erosion from combustion-chamber high heat, acidic condensate and poor-quality water, resulting in high risk of water leakage.

Combustion Stability

Flame vulnerable to disturbance from external airflow.

Shell Surface Temperature

Elevated temperature; both sides of main body overheat under prolonged operation.

Cost Impact

It impacted by steadily climbing international copper prices.

Scale Correlation

Cooling depends on water circuit; the coil is more susceptible to scaling. Thickened scale degrades cooling capability.

Maintenance Pain Points

High-frequency corrosion-caused water-leakage failures on copper coils, with high maintenance costs.

Gas Water Heater 26+ Year Expert

SGS | Greaidea
Since 2000
Gas Hob & Water Heater 25+ Year Expert

Authoritative Efficient SGS All-Round Evaluation. Thermal Efficiency > 89%

>89%

LPG-G30

Net cal. value of ref. gas (MJ/m³)
116.09

Nominal heat input Meas (kW) - Q
23.895

Efficiency Meas (%)
88.99

A

NG-G20

Net cal. value of ref. gas (MJ/m³)
34.02

Nominal heat input Meas (kW) - Q
22.085

Efficiency Meas (%)
89.87

A

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Since 2000

Optional Partner Solar Water Heater

(Intelligent Backup System)

12/16 Liter /min

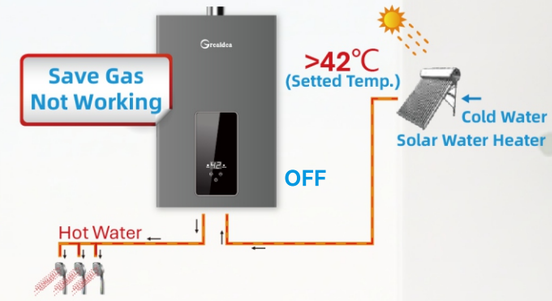
JSQ 24/30-*

- Solar System
- 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

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 Princinple:
• When water temperature from the tank of solar water heater is below 42℃ (Or Setted Temp.), then the gas water heater works automatically to supply endness hot water.
• When the water temperature from the tank of solar water heater is above 42℃ (Or Setted Temp.),the gas water heater stop work,saving gas.



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Gas Hob & Water Heater 25+ Years Expert

Natural Gas

Gas Water Heater High-Altitude Performance Test Report

-- Test Location: Kunming City, Yunnan Province

JSQ25-13L-J　JSQ28-16L-J　JSQ25-13L-Z　JSQ30-16L-Z

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℃

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

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Propane (C_3H_8)

Gas Water Heater High-Altitude Performance Test Report

-- Test Location: Kunming City, Yunnan Province

JSQ23-12L-J　JSQ29-15L-J　JSQ25-13L-Z　JSQ30-16L-Z

Plateau Area Test Environment Records

Temperature 19.1℃

Humidity 59%

Water Pressure 0.1MPa

Air Pressure 80.74kPa
corrected (-0.04kPa)

Altitude 1888.69m

Water Normal Temp. 19.8℃
Water tank 2 is at normal temp.;
Test Temp. is 19.2℃

Model	Test Items				
	Measured & Converted Thermal Load (kW)	Thermal Efficiency (by LHV)(%)	Hot Water Capacity(L/min)	2800Pa,Flue Gas CO Concentration(PPM)	3300Pa,Flue Gas CO Concentration(PPM)
JSQ23-12L-J	20.71	88.66	10.52	118	109
JSQ29-15L-J	25.50	88.41	12.91	129	136
JSQ25-13L-Z	23.03	87.08	11.49	122	120
JSQ30-16L-Z	28.10	88.32	14.22	124	118

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Gas Water Heater 26+ Year Expert

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Since 2000

SLEEP-FRIENDLY

Quiet DC Operation, Sleep-Friendly.

DC Motor | Low-noise Operation | Stable Combustion

Gas Water Heater 26+ Year Expert

Greaidea
Since 2000

WIDE VOLTAGE ADAPTIVE

- ☑ *Tolerates severe voltage fluctuations*
- ☑ *No unexpected shutdowns & error failures*
- ☑ *Consistent hot-water temperature*

Works stably even with unstable local power grid

(90-265V Wide Voltage)

Gas Water Heater 26+ Year Expert

Greaidea
Since 2000

SAFE & COMFORTABLE SHOWER

Multiple supply-exhaust modes,
selectable as needed for safe & smooth showers.

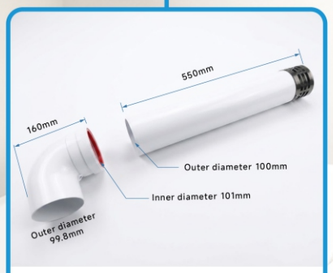
Greaidea
Since 2000

COMPLIES WITH SEC STANDARDS

TESTING LABORATORY:
SILAB
Products have passed SEC mandatory tests

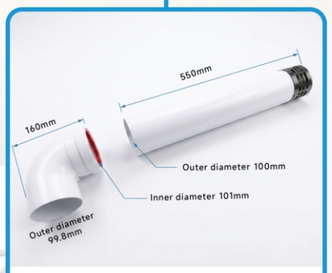
SEC

Three available solutions with strictly controlled CO emission values to ensure safer usage.



Solution 1

Customers source SEC-compliant flue pipes on their own from Europe.



Solution 2

Our factory-supplied flue pipes, same standards and specifications as European norms.

Solution 3

Equipped with a rain-resistant metal housing.

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GLASS-PANEL DESIGN

Multiple Colors & Styles

Greaidea
Since 2000

DISPLAY COMPONENTS

Multiple Touch-LED Displays, More Functional Options

LED 1

LED 2

LED 3

LED 4

LED 5

Vibrant LED

Gas Water Heater 26+ Year Expert