

More "Reliable Guarantee" Please Log on to Official Website



JIANGSU GMO HI-TECH CO., LTD.

Address: Wei'er Road, Economic Development Zone, Jingjiang City, Jiangsu Province, China
Tel: +86 0523 8462 8888 Email: info@gmohotwater.com Website: gmohotwater.com

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GMO ELECTRIC WATER HEATER PRODUCTS

Residential / Commercial

ELECTRIC SOLAR HEAT PUMP





Green Energy
Warm The World



Green Energy Warm The World

Orienting to the future, GMO has explored technical applications of electric water heaters, solar water heaters, heat pump water heaters and gas water heaters continuously and actively, committed to be the setter of industrial trend, and offered water heating solutions with the value-added service and professional technologies. We always aim to the improve the customer satisfaction and support customer successes, to seek for customer benefits and lasting value with our excellence, to work with all interested parties for industrial upgrading, to lead the low-carbon lifestyle and to harmonize the human life with the nature!

Company profile

GMO has always devoted to producing electric water heaters, solar water heaters, heat pump water heaters and gas water heaters, and offering the first-class water heating service professionally.

Upholding the technical innovation theory of "Vitality sourced from original innovations", GMO keeps up the pace of the times and focuses on customers requirements. Under the globalization development strategy of "Created in GMO and cooperating with the world", we have made outstanding achievements. Our brand "GMO" has spread to over 60 countries and areas. By now we own about 100 independent intellectual properties and patents some of which fill in gaps in the industry. We have also been certified with ISO9001, ISO14001 and OHSAS 18001 and recognized compliant with CCC, CB, CE, KC, SASO,UL, WaterMark and solarkeymark.

Relying on the industry-leading technologies, designs, quality and services, GMO has won the customer trust and been designated as the strategic partnership of numerous customers. Orienting to the future, GMO has explored technical applications of electric water heaters, solar water heaters, heat pump water heaters and gas water heaters continuously and actively, committed to be the setter of industrial trend, and offered water heating solutions with the value-added service and professional technologies. We always aim to the improve the customer satisfaction and support customer successes, to seek for customer benefits and lasting value with our excellence, to work with all interested parties for industrial upgrading, to lead the low-carbon lifestyle and to harmonize the human life with the nature!



Equipment process advantage

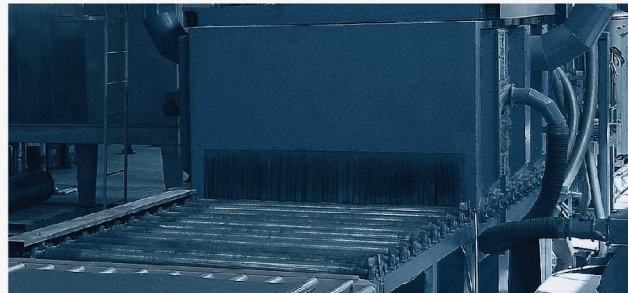


Acid Pickling? No !

We Only Use Physical Environment-friendly Clean Process. Adopt high temperature high pressure spray degreasing process, clean the dirty and oxide on the steel surface. This process abandon the traditional acid phosphate chemical. It effectively increase adhesion of the enamel coating, and avoid the waste water and environmental pollution.

We Begin To Think How To Increase The Enamel Vitreous Coating

We use small steel ball direct blasting. Sandblasting the steel plate surface to form a uniform distribution of a large number of irregularly shaped open pit type. It effectively control the rolling cracks of the pretreatment. After blasting, the steel plate surface roughness is maintained at about 80%, to greatest



Flexible NC rolling

In the special enamel steel sheet rolling molding process, if the process strength control is not correct, it is easy to cause the steel sheet pulled over and deformation, and thus directly affect the welding quality. GMO use the Flexible NC Rolling Technology, it can avoid this problem, and ensure the cylinder can be nearly 99.99% round appearance.

Pressurized Foaming Machine

GMO use pressurized foaming process for the insulation. GMO use eco-friendly polyurethane material with more than 95% closed cell and fire retardant material. Polyurethane Density is about 40 kg/m3. Closed cell PU will provide polyurethane that will not absorb water nor water vapor nor humidity.



100% Cylinder Air Tightness Test

In order to ensure all the cylinder welding line is qualified, GMO will do the air tightness test for all the water heater cylinders. Input the rated air pressure into the cylinder, and maintain several minutes to check the leakage, in order to ensure that passing rate and high quality.

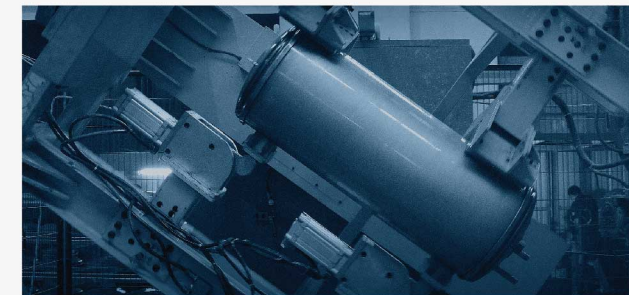


860 Centidegree High Temperature Sintering

By strictly accurate speed settings, temperature settings, drying in time, to avoid sagging before sintering, avoid enamel coating chapped, loss, guarantee the physical and chemical properties of the enamel coating.

Infrared Positioning Welding

Adopt infrared positioning welding guarantee the accuracy and efficiency, and effectively prevent the cylinder surface cracks, sharp corners and edges and other defects before enamel coating process



360 Degree Smart Enamel Lining Equipment

After an inner cylinder is held by the intelligent enameling line, it will be enameled completely and uniformly in the programmed the simulative 3D pathway at once. There is no flake, shelling or exposed base after such 360°enameling.

R&D and Innovations



Heavy R&D investments for global customers

GMO has invested a great deal of labor, materials and money to build a technical R&D system, set up a R&D team comprising of foreign experts and professionals, establish a multi-energy heat storage research center and several labs in compliance with international standards, and develop the industry-study-research cooperation with National Academy of Sciences, Tsinghua University, Shenzhen Research Institute and other universities and institutes.

Self innovation leading the China manufacturing

GMO keeps upgrading products and technologies. By now we have owned about 100 national patents. GMO's top R&D ability is embodied in all aspects from creation of new products to innovative development of existing products.



Quality Guarantee



Efficient and strict production management

GMO's efficient production is based upon the high quality of GMO enameled water tank. For both efficient production and high product quality, GMO has implemented the lean management and 6S method persistently while introducing ERP and internationally-advanced barcode management, eliminating human error risks, increasing the productivity and improving the product quality. Using various leading management methods enables the more flexible customization of GMO enameled water tank, more reasonable configuration and full use of resources, and the effective upgrading of production management level.

All-round quality control system

GMO started implementing ISO9000 in 2005 and passed the SGS certification and obtained our ISO9001 certificate in 2006. In addition, we were awarded with ISO14001 certificate by SGS and OHSAS1800 certificate in 2004.

According to our quality guideline of "Aim for the world-class quality", GMO continues to pursue the perfect quality management. Hence, we have specially designated a department to establish, monitor and enhance our comprehensive management system. Our QC Department is responsible for quality inspection, quality control and production reliability tests through the production process, establishing the supplier quality management system, spread the quality management around GMO and upgrade the quality management level of both GMO and our suppliers.



Quality guarantee starting from raw materials

The first step of quality guarantee is to select partnerships with strict requirements. Therefore, our key parts and components are only purchased from leading international companies. Besides our rigorous quality standards for purchased raw materials, parts and components and strict quality control for all supplies, GMO has worked with Ferro, Baosteel and similar partnerships to develop our special materials.



Always consider 36 key quality control points as necessary

Our multi-energy enameled water tank must experience inspections at 36 key quality control points from the steel panel to the finished water tank, including rolling arc, sand blasting, joint welding, tube socket welding, submerged arc-welding of straight seams, tank leakage, tube socket welding of fluid inlet and airtightness. Separate inferior and defective products with various inspections to guarantee the quality of GMO enameled water tank.



Always consider 260,000 ex-works tests as meaningful

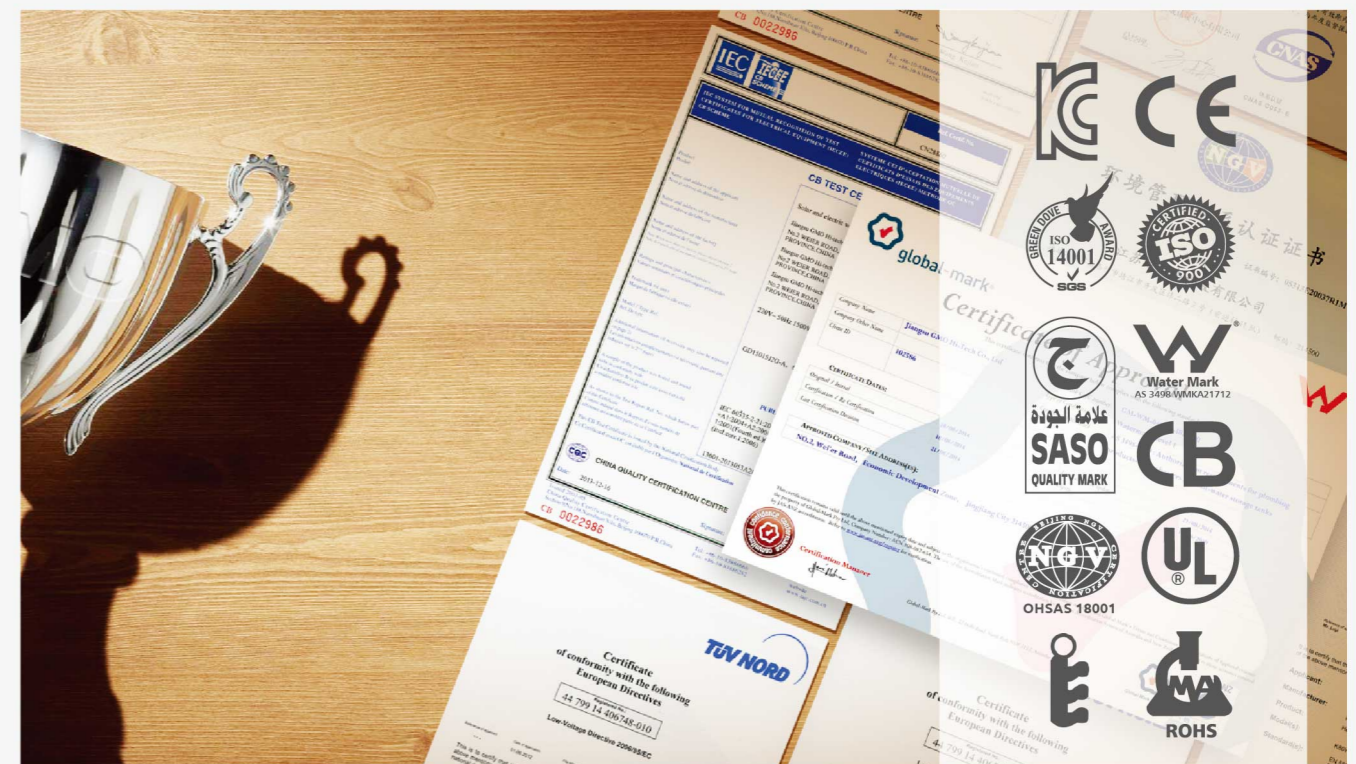
GMO ex-works test standards of multi-energy enameled water tank are defined to internationally rigorous specifications. To be acceptable, a multi-energy enameled water tank must succeed in 260,000 fatigue test cycles to watermark certification requirements.

Recognized tests in compliance with international standards

GMO has built an enamel lab in accordance with DIN4753 (Germany), an enamel endurance lab in accordance with Watermark (Australia), an enclosed vessel test lab in accordance with EN12897 (Europe) and several other labs. Provide customers and counterparts with trustworthy tests or calibration data to assure the compliance with product quality requirements. We believe that a market is not a lab and each new technology or new product should be verified and tested repeatedly before marketing. GMO is responsible for each customer and final user in over 60 countries and areas.



Certificates Obtained



GMO QUALITY AND RELIABILITY

We have also been certified with ISO9001, ISO14001 and OHSAS 18001 and recognized compliant with CCC, CB, CE, KC, SASO, UL, WaterMark and solarkeymark.

GMO Titanium blue Inner Tank

High strength and pressure resistance

GMO Titanium Blue Inner Tank products passed the Australian WaterMark certification 250,000 pressure fatigue tests in 2008, and refreshed this standard record with 260,000 times in 2009.



Adopt high strength special enamel steel plate and special enamel glaze. The yield strength of steel plate reaches 340MPa, and the expansion coefficient is close to or even the same as that of enamel layer.



The special enamel security formula, acid corrosion resistance, alkali corrosion resistance, temperature rapid change resistance, tightness, hot water corrosion resistance and other technical indicators of enamel are in line with the German DIN4753-3 standards.



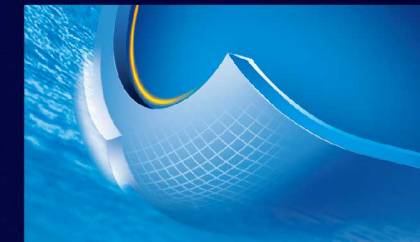
Adopting advanced welding and enamel technology such as flexible numerical control circle rolling, infrared positioning welding and 360 degree intelligent integral rolling enamel, the product is manufactured in German standard.

Super anti-corrosion ability

GMO Titanium Blue Inner Tank internal anti-corrosion technology has been in the forefront of the industry, not only through the development of new materials and technologies with domestic and foreign experts, but also from the manufacturing process to improve the anti-corrosion ability of water



42 days (1008 hours) hot water erosion test. In Germany enamel standard DIN4753-3 Standard Test enamel hot water erosion resistance, weightlessness is less than 3.0g/.



Using a special enamel secret formula developed by experts both at home and abroad, the enamel layer is densely packed in a wire mesh, the porcelain layer is even and smooth, and there are no enamel defects such as burning, shrinkage and so on, effectively preventing water from contacting the steel plate.

High standard anti-scaling ability



The water tank is super scale-proof, and the internal water quality meets the Australian WaterMark Certified Hygienic Standard, which reaches the drinking water level.



NOT ALL OF ENAMELED CYLINDERS ARE QUALIFIED ENAMELED CYLINDER.

GMO Titanium Blue Inner Tank, More Reliable and Durable.

GMO permanent identification



In order to protect the interests of customers, each GMO Titanium Blue Inner Tank special protection liner is branded with GMO permanent logo. Customers can trace the production date of each liner according to these permanent labels and inquire about batch product information.

Top Quality Heating Elements



1. Incoloy800 , Incoloy840 heating element



The imported incoloy heating element is highly sought after due to its excellent ability to resist both oxidation and carbonization under the high temperature condition. Furthermore it prevents the erosion in a number of atmospheres including the most extreme water conditions. These features have made the incoloy element obtain the industrial recognition and establish the image of superior quality.

2. Eternal blue heating element

The eternal blue heating element offers superior heating performance with its excellent resistance against both oxidation and carbonization at a high temperature. Resisting corrosion under extreme and hard water conditions, it extends the life span of heating element with minimum energy loss.



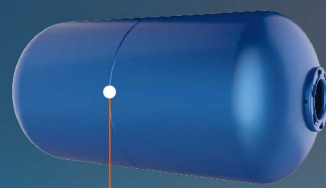
3. Titanium heating element



Titanium doesn't allow the scale to deposit on the surface. Titanium contains no iron so that it does not rust or corrode. The titanium heating element provides you best defense against common chemicals in the recreational water and becomes more beneficial and highly valuable when the water quality is not perfect!

One welding line technology

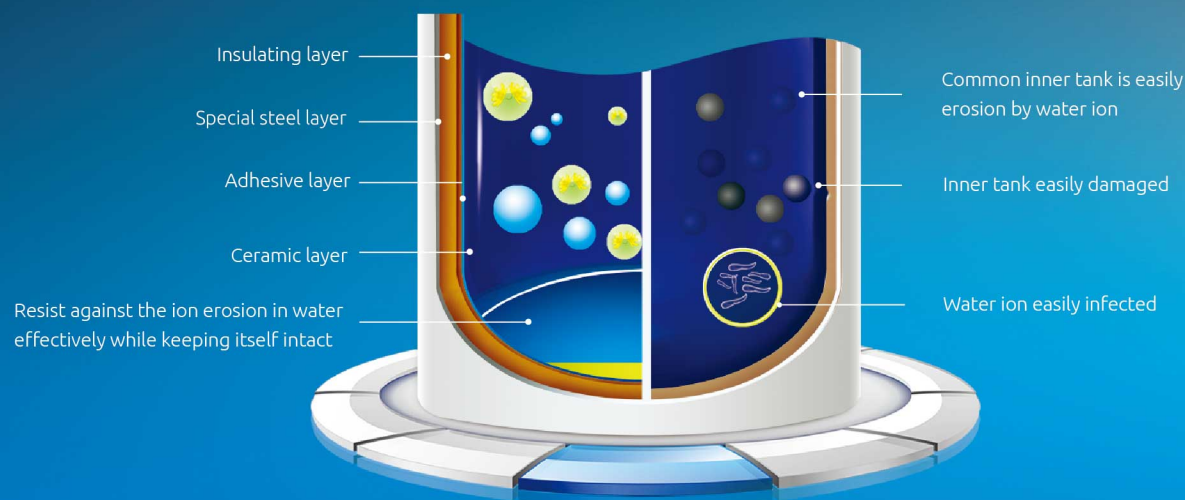
GMO adopt one welding line technology for enamel inner tank . This technology can minimum the water heater leakage possibility . And the inner tank workshop is 100% automatic . All the production is finished by robots .



One Welding Line Technology

GMO Titanium Blue Inner Tank

Common Inner Tank



Technical Advantages

Two independent and more durable heating rods, vertical tank.



Independent top and bottom heating rods, vertical tank. Hot water will be automatically divided into two layers: top layer of high-temperature hot water and bottom layer of low-temperature hot water. Shorten working time of top heating rod and extends its service life. Double-heating rod design, independent temperature control. Automatically control starting and stopping of heating rods according to zone temperature to avoid over-heating and reduce energy consumption.

Three-stage heating

Three heating tubes in tank. Compared with water heaters under the same power, it can reduce power load of single heating rod.



Top Quality Parts



Brass Drain Valve

Easy connection, Lead-free brass. RoHS approved.



A steel-core Mg rod.

The Mg content is 200g or above per square meter of enamel. Extend the service life of water tank.



Resistor Magnesium

After long-term use, it is common that some scales are deposited in the inner tank . The independent drain outlet facilitates the periodic cleaning without disassembly or reassembly . And it also prevents the trouble of door-to-door service . Improve the efficiency and extend the service life of water heater.



High Density Insulation

Whole shaping and foaming of high-pressure PU. Foaming thickness: $\geq 50\text{mm}$. Heat loss factor: $\leq 16\text{W}/(\text{m}^2\cdot\text{K})$



T&P Relief valve

Highly sensitive T/P Relief Valves ensure that water heater is installed properly and safe . CSA and ASME approved.



Thermostat

59T66T Series Thermostat keeps water at desired temperature . Over-temperature protector cuts off power in excess temperature situations . VDE, UL Approved .

RESIDENTIAL ELECTRIC WATER HEATER

Giant series

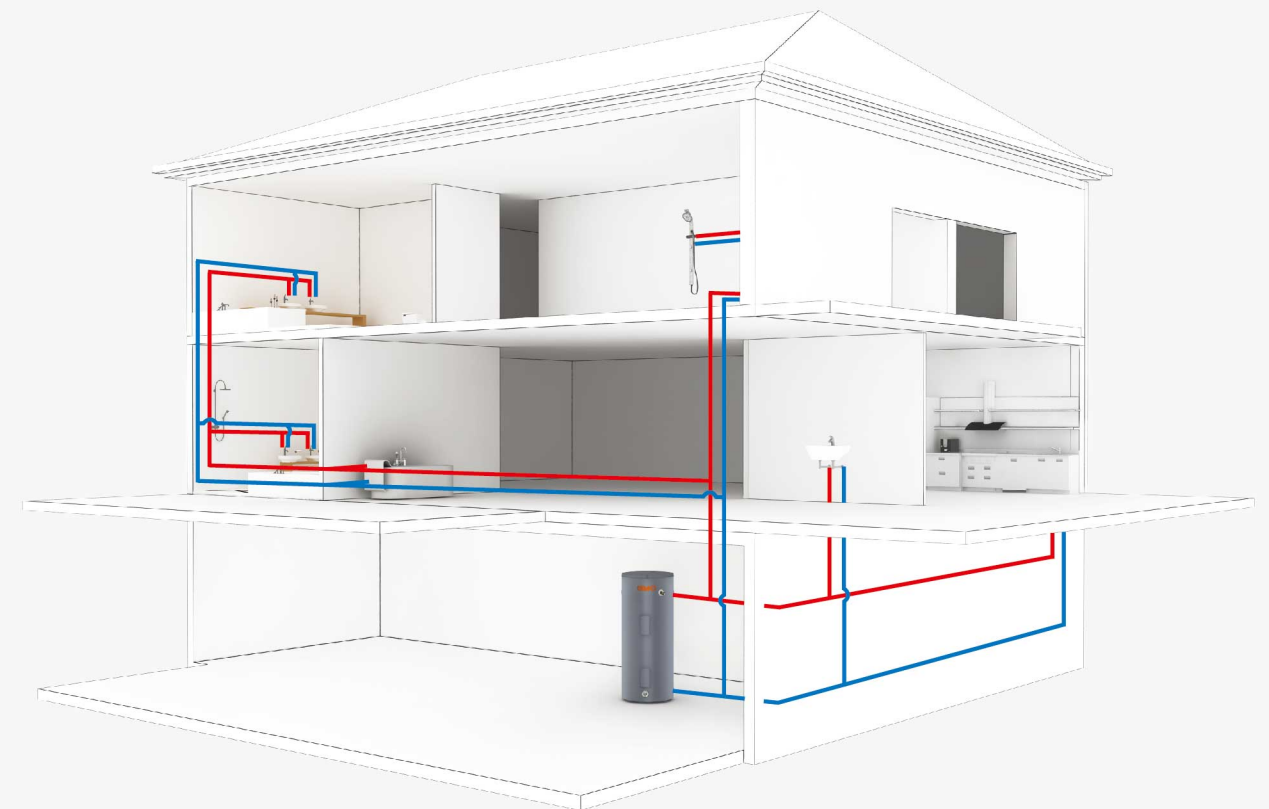
Giant series

Applications of GMO Giant series

GMO residential Giant series electric water heater are designed to produce large amounts of hot water in private residence, cottages, small and medium-sized villas.



Water Heater Assembly Diagram



Annotation

“ — ” hot water for life

“ — ” cold water for life

Classic



INCOLOY 840 HEATING ELEMENT



INDOOR INSTALLATION



HEATING LOSS PROOF



MULTIPLE POWER OPTIONS



THICKER MAGNESIUM ANODE



OVERHEAT PROTECTION

Features

Design

Attractive appliance white finish
The light indication informs you about heating conditions

Low expenses

Eco-friendly polyurethane material with more than 95% closed cell and fire retardant material keep hot water longer without additional waste of electricity

Installation options

Suitable for indoor installation

Certification

KC approved

Warranty

7 years cylinder warranty

Durability

GMO Titanium Blue Inner Tank, more reliable and durable
Premium grade anode rod provides long-lasting tank protection

Efficiency

This classic series comes with Incoloy 840 heating element

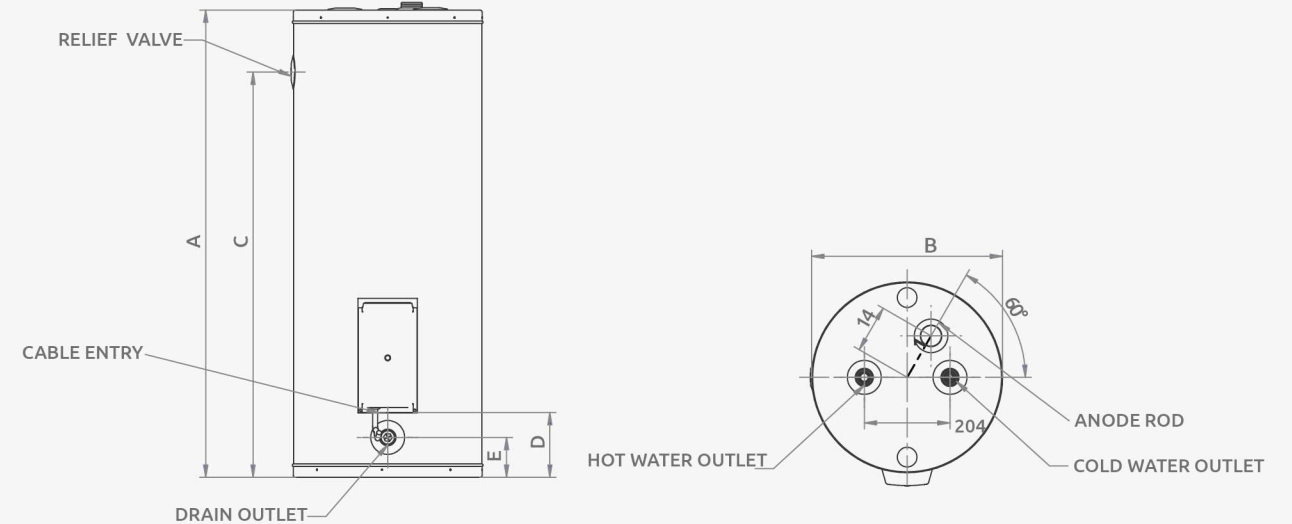
Multiple Power Options

Multiple model options, from 1.5kW to 6kW
Possibility of single-phase 220 V to 240 V connection

Safety

Automatic thermostat keeps water at desired temperature
Over-temperature protector cuts off power in excess temperature situations

Model



Technical Parameter

Model	100L	150L	200L	300L	400L	500L
Element sizes	standard 1.5kW	1.5kW	2kW	3kW	4kW	5kW
	optional 2/3kW	2/3kW	1.5/3/4/5kW	1.5/2/4/5/6kW	1.5/2/3/5/6kW	1.5/2/3/4/6kW
Element No.	1					
Electrical supply (Voltage /Frequency)	220V/50Hz 240V/50Hz					
Element Material	INCOLOY 840					
Relief Valve Pressure	1.0MPa					
Max Inlet Pressure	0.8MPa					
T&PR Valve Connection	NPT3/4					
Water Connection	NPT3/4					
Temperature Range	49-82 C					
insulation material/thickness	40mm	40mm	40mm	40mm	50mm	50mm
Tank Dimensions						
A (mm)	1114	1483	1516	1520	1576	1926
B (mm)	450	450	520	620	710	710
C (mm)	965	1340	1350	1320	1373	1722
D (mm)	154	154	163	178	210	210
E (mm)	95	95	100	100	100	100
Weight (net/gross)	38/40kg	57/60kg	69/70kg	85/88kg	113/116kg	128/132kg
	480×480×1190	480×480×1560	550×550×1595	655×655×1595	745×745×1650	745×745×2000
Outer Body Colour	white					

Powers of Different Models		1.5kW	2kW	3kW	4kW	5kW	6kW
Hot water volume	25°C/L/h	52L	68L	102L	136L	170L	205L
under corresponding	35°C/L/h	36h	48L	73L	98L	122L	146L
temperature rise	55°C/L/h	23L	31L	46L	62L	78L	92L
Element No.	1						

Plus



- INCOLOY 840
HEATING ELEMENT
- AUSTRALIAN
TECHNOLOGY
- HEATING LOSS
PROOF
- DUAL
HANDED
- THICKER
MAGNESIUM ANODE
- OVERHEAT
PROTECTION
- DUAL
ELEMENT

Features

Design

Innovational waterproof outdoor design

Durability.

GMO Titanium Blue Inner Tank, more reliable and durable
Premium grade anode rod provides long-lasting tank protection

Low expenses

Eco-friendly polyurethane material with more than 95% closed cell and fire retardant material keep hot water longer without additional waste of electricity

Certification

Watermark approved

Efficiency

This plus series comes with Incoloy 800 heating element
Twin heating elements range from 160L to 400L

Easy installation

Dual handed inlet and outlet fittings
50L, 80L, 125L models provide T&PR fittings on both sides of the tank Suitable for indoor and outdoor installation

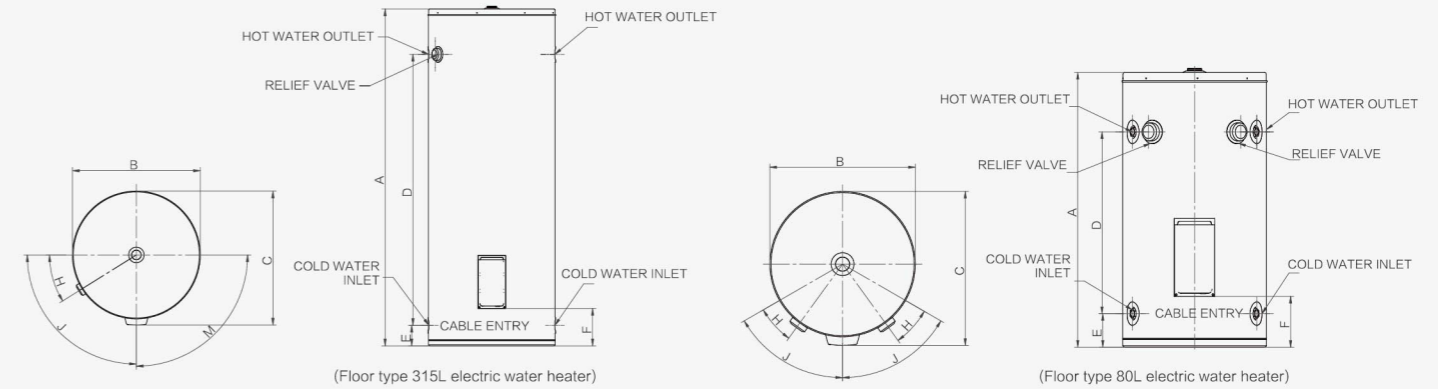
Safety

Automatic thermostat keeps water at desired temperature
Over-temperature protector cuts off power in excess temperature situations

Warranty

7 years cylinder warranty

Model



Technical Parameter							
Model	50L	80L	125L	160L	250L	315L	400L
Element sizes	optional 1.8/2.4/3.6kW	1.8/2.4/3.6/4.8kW	1.8/2.4/3.6/4.8kW	1.8/2.4/3.6/4.8kW	1.8/2.4/3.6/4.8kW	3.6/4.8kW	3.6/4.8kW
Element No.	1			2			
Electrical supply (Voltage /Frequency)	240V/50Hz						
Element Material	Incoloy800						
Relief Valve Pressure	0.85MPa						
Max Inlet Pressure	0.8MPa						
T&PR Valve Connection	BSPT3/4						
Water Connection	BSPT3/4						
Temperature Range	60-80 °C						
insulation material/thickness	35mm	50mm	50mm	50mm	55mm	55mm	60mm
Tank Dimensions							
A (mm)	700	960	1320	1600	1454	1734	1745
B (mm)	412	502	502	502	652	652	732
C (mm)	448	538	538	538	688	688	768
D (mm)	475	635	995	1275	1115	1395	1405
E (mm)	75	118	118	118	106	106	106
F (mm)	45	178	178	178	194	194	226
H (degrees)	26	24	24	23	32	32	30
H (degrees)	59	60	60	58	90	90	90
H (degrees)				58	90	90	90
Weight (net/gross)	28/30kg	36/38kg	50/52kg	65/68kg	92/95kg	105/108kg	121/126kg
Packaged Size (mm)	480×480×785	565×565×1095	565×565×1455	565×565×1735	720×720×1540	720×720×1830	795×795×1840
Outer Body Colour	Gray						

Powers of Different Models		1.8kW	2.4kW	3.6kW	4.8kW
Hot water volume	25°C/L/h	60L	82L	122L	164L
under corresponding	35°C/L/h	44L	58L	88L	116L
temperature rise	55°C/L/h	28L	36L	56L	74L
Element No.	2				

Pro



- HEATING LOSS PROOF
- OVERHEAT PROTECTION
- THICKER MAGNESIUM ANODE
- DUAL ELEMENT
- MULTIPLE POWER OPTIONS

Features

Durability

GMO Titanium Blue Inner Tank, more reliable and durable
Premium grade anode rod provides long-lasting tank protection

Multiple Power Options

Multiple model options, from 2.5kW to 6kW
Possibility of single-phase 220 V to 240 V connection

Safety

Automatic thermostat keeps water at desired temperature
Over-temperature protector cuts off power in excess temperature situations

Certification

CB approved

Efficiency

This pro series comes with Eternal Blue heating element
Two heating elements range from 200L to 500L

Installation options

Suitable for indoor and outdoor installation

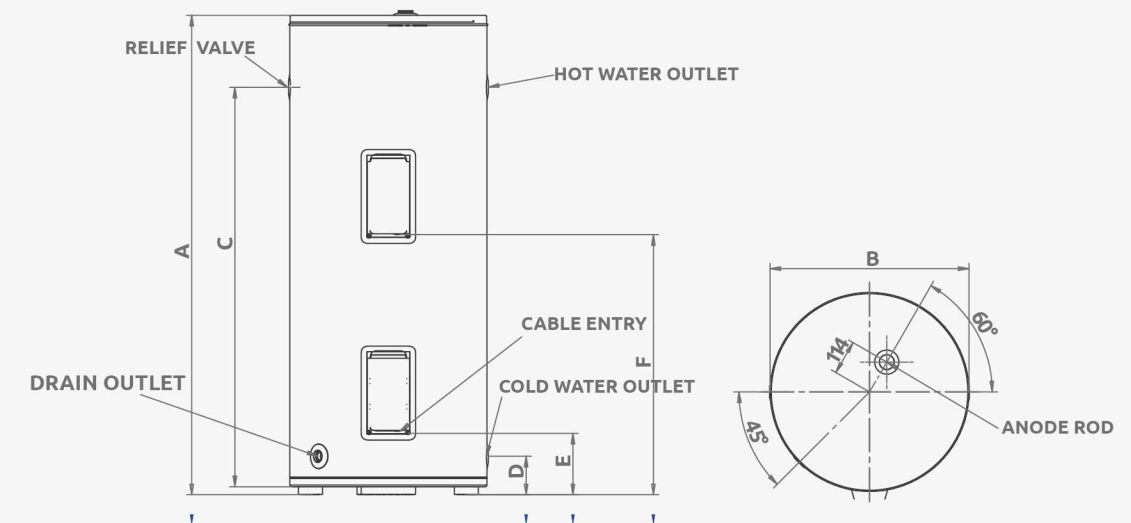
Low expenses

Eco-friendly polyurethane material with more than 95% closed cell and fire retardant material keep hot water longer without additional waste of electricity

Warranty

7 years cylinder warranty

Model



Technical Parameter

Model	150L	200L	300L	400L	500L
Element sizes	standard 3kW	2.5kW	2.5kW	2.5kW	3kW / 5kW
	optional 2.5/4kW	3/4kW	3/4/5kW	3/4/5/6kW	2.5/4/6kW
Element No.	1	2			
Electrical supply (Voltage /Frequency)	220V/50Hz 240V/50Hz				
Element Material	Enamel Coating Incoloy800				
Relief Valve Pressure	1.0MPa				
Max Inlet Pressure	0.8MPa				
T&PR Valve Connection	NPT3/4				
Water Connection	G3/4"				
Temperature Range	49-82 °C				
insulation material/thickness	50mm	50mm	55mm	50mm	50mm
Tank Dimensions					
A (mm)	1231	1560	1585	1635	1984
B (mm)	540	540	650	710	710
C (mm)	1039	1370	1347	1400	1749
D (mm)	120	120	127	127	127
E (mm)	181	181	202	237	237
F (mm)		805	852	937	1237
Weight (net/gross)	50/52kg	66/69kg	85/88kg	110/113kg	134/137kg
Packaged Size (mm)	605×605×1365	605×605×1695	715×715×1655	745×745×1700	745×745×2050
Outer Body Colour	Gray				

Powers of Different Models		2.5kW	3kW	4kW	5kW	6kW
Hot water volume under corresponding temperature rise	25°CL/h	85L	205L	272L	342L	410L
	35°CL/h	60L	146L	195L	244L	292L
	55°CL/h	38L	92L	124L	155L	186L
Element No.		1				

Prime



HEATING LOSS PROOF



OVERHEAT PROTECTION



TITANIUM HEATING ELEMENT



ALUMINUM ANODE



DUAL ELEMENT

Features

Durability

GMO Titanium Blue Inner Tank, more reliable and durable
Premium grade anode rod provides long-lasting tank protection

Installation options

Suitable for indoor and outdoor installation

Safety

Automatic thermostat keeps water at desired temperature
Over-temperature protector cuts off power in excess temperature situations

Certification

CB and SASO approved

Aluminum anode

Aluminum anode with stainless steel core protects tank against corrosion longer than ordinary mild steel anodes

Low expenses

Eco-friendly polyurethane material with more than 95% closed cell and fire retardant material keep hot water longer without additional waste of electricity

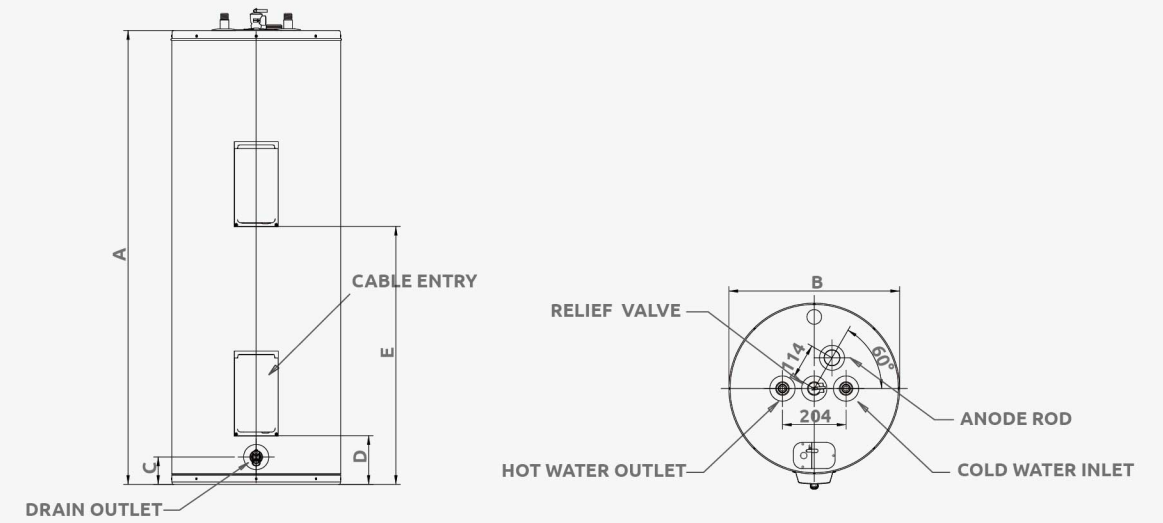
Efficiency

This prime series comes with Eternal Blue heating element
Titanium heating element for option
Two heating elements range from 150L to 460L
Possibility of single-phase 220 V or 240 V connection

Warranty

7 years cylinder warranty

Model



Technical Parameter

Model	150L / 40Gal.	190L / 50Gal.	250L / 66Gal.	300L / 80Gal.	460L / 120Gal.
Element sizes	standard	4.5kW	4.5kW	4.5kW	4.5kW . 5kW . 6kW
Element No.	2				
Electrical supply (Voltage /Frequency)	240V/50Hz				
Element Material	standard	Enamel Coating Incoloy800			
	optional	Titanium heating element			
Relief Valve Pressure	1.0MPa				
Max Inlet Pressure	0.8MPa				
T&PR Valve Connection	NPT3/4				
Water Connection	NPT3/4				
Temperature Range	49-82 C				
insulation material/thickness	50mm	50mm	55mm	55mm	50mm
Tank Dimensions					
A (mm)	1408	1456	1323	1543	1855
B (mm)	500	540	650	650	710
C (mm)	105	85	92	92	100
D (mm)	161	153	174	174	207
E (mm)	795	825	732	862	1062
Weight (net/gross)	50/52kg	66/69kg	83/86kg	85/88kg	127/130kg
Packaged Size (mm)	565×565×1570	605×605×1615	715×715×1420	715×715×1640	745×745×1950
Outer Body Colour	Gray				

Powers of Different Models		4.5kW	5kW	6kW	9kW	10kW	12kW
Hot water volume under corresponding temperature rise	25°C/h	154L	171L	206L	308L	342L	411L
	35°C/h	110L	122L	147L	220L	244L	294L
	55°C/h	70L	78L	94L	140L	155L	187L
Element No.	2						

Medium series

Vertical



Features

- GMO Titanium Blue inner Tank
- High Density PUF Insulation
- Dry heating protection
- Resistor Magnesium available
- Reliable mechanical control Switching on and heating indicators
- SUS316L and Eternal Blue heating element for option
- CB and CE approved
- 7 years cylinder warranty



GMO Medium Series electric water heaters are suitable for places where you need hot water, such as bathroom , kitchens , restrooms of small restaurant and service firms.



HEATING LOSS PROOF



THICKER MAGNESIUM



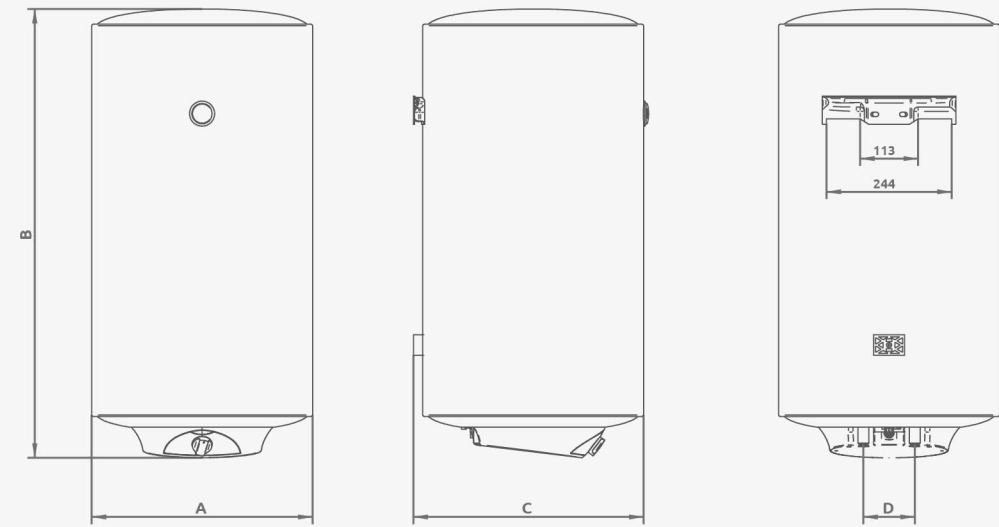
DRY HEATING PROTECTION



IPX4



MECHANICAL CONTROL



Model	GD20-LJ/40Y	GD20-LJ/50Y	GD20-LJ/60Y	GD20-LJ/80Y	GD20-LJ/100Y	GD20-LJ/120Y
Storage Capacity	40L	50L	60L	80L	100L	120L
Control method	Mechanical					
Element sizes	2kW					
Element Metrial	standard	SUS316L				
	optional	Enamel Coating Incoloy800				
Temperature Range	35-75 °C					
Output of hot water	80%					
Relief Valve Pressure	0.8MPa					
Water-proof grade	IPX4					
Water Connection	G1/2"					
Insulation thickness	25mm	25mm	28mm	28mm	28mm	28mm
Tank Dimensions						
A (mm)	372	372	430	430	430	430
B (mm)	660	785	739	885	1065	1245
C (mm)	448	448	448	448	448	448
D (mm)	100	100	100	100	100	100
Weight (net/gross)	15/17kg	17/19kg	20/22kg	23/25kg	27/30kg	33/36kg
Packaged Size (mm)	448×448×720	448×448×850	503×503×800	503×503×945	503×503×1125	503×503×1305
Outer Body Colour	White					

RESIDENTIAL ELECTRIC WATER HEATER

Medium series

Horizontal

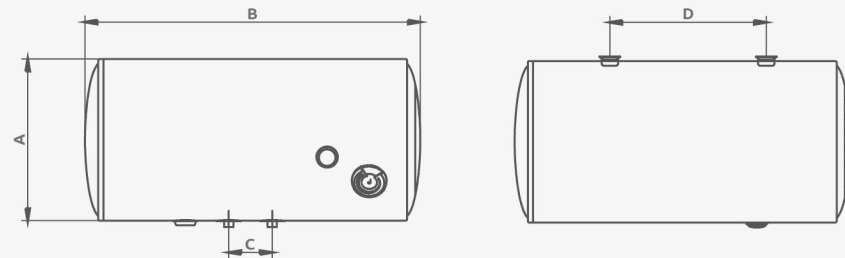


Features

- GMO Titanium Blue Inner Tank
- High Density PUF Insulation
- Dry heating protection
- Reliable mechanical control
- SUS316L and Incoloy800 heating element for option
- CB and CE approved
- 7 years cylinder warranty



Model



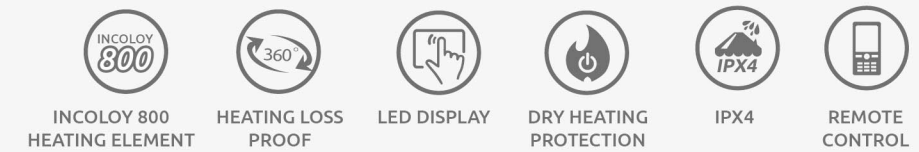
Model	GD20-WJ/40G1	GD20-WJ/50G1	GD20-WJ/60G1	GD20-WJ/80G1	GD20-WJ/100G1
Storage Capacity	40L	50L	60L	80L	100L
Control method	Mechanical				
Element sizes	2kW				
Element Material	standard	Incoloy800			
	optional	Enamel Coating Incoloy800			
Temperature Range	35-75 C				
Output of hot water	70%				
Relief Valve Pressure	0.8MPa				
Water-proof grade	IPX4				
Water Connection	G1/2				
Insulation thickness	25mm	25mm	28mm	28mm	28mm
Tank Dimensions					
A (mm)	372	372	430	430	430
B (mm)	645	772	715	863	1043
C (mm)	100	100	100	100	100
D (mm)	360	360	360	360	360
Weight (net/gross)	15/17kg	17/19kg	20/22kg	23/25kg	27/30kg
Packaged Size (mm)	448×448×735	448×448×860	503×503×800	503×503×950	503×503×1030
Outer Body Colour	white				

Horizontal

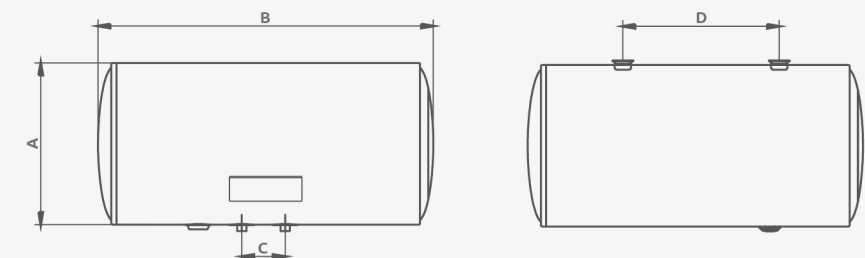


Features

- GMO Titanium Blue Inner tank
- High Density PUF Insulation
- Dry heating protection
- Resistor Magnesium available
- Intelligent Timer & LED display
- Digital with remote control
- SUS316L and Incoloy800 heating element for option
- CB and CE approved
- 7 years cylinder warranty



Model



Model	GD5021-D1	GD6021-D1	GD8021-D1
Storage Capacity	50L	60L	80L
Control method	Digital with remote		
Element sizes	2kW		
Element Material	standard	SUS316L	
	optional	Incoloy800	
Temperature Range	35-80 C		
Output of hot water	80%		
Relief Valve Pressure	0.8MPa		
Water-proof grade	IPX4		
Water Connection	G1/2"		
Insulation thickness	25mm	28mm	28mm
Tank Dimensions			
A (mm)	372	430	430
B (mm)	772	715	863
C (mm)	100	100	100
D (mm)	360	360	360
Weight (net/gross)	17/19kg	20/22kg	23/25kg
Packaged Size (mm)	448×448×860	503×503×800	503×503×950
Outer Body Colour	white		

Compact series



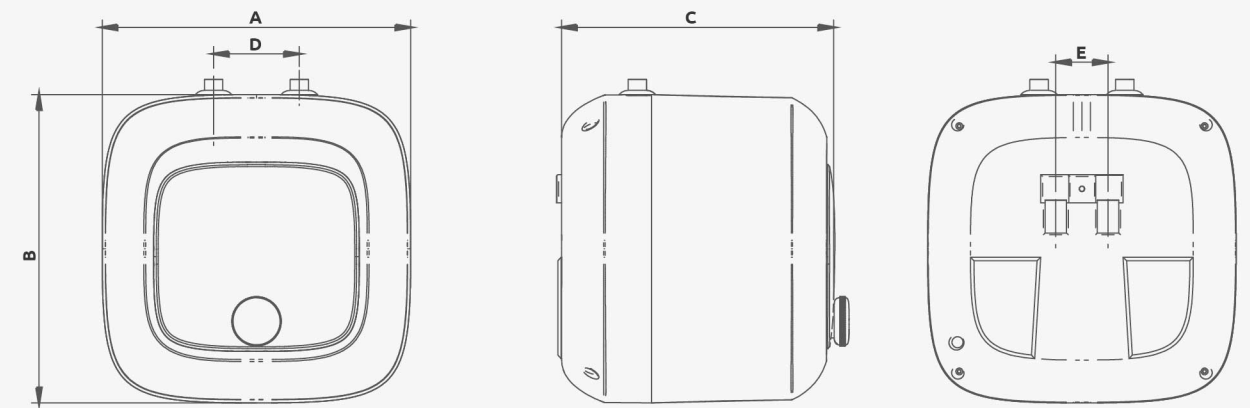
features

- ABS shell with different colors selected
- GMO Titanium Blue Inner Tank
- One welding line technology
- High Density PUF Insulation
- Dry heating protection
- Resistor Magnesium available
- SUS316L and Incoloy800 heating element for option
- Above or Under sink mounting options
- Reliable mechanical control Switching on and heating indicators
- CB and CE approved
- 7 years cylinder warranty



Compact series

GMO Compact Series electric water heaters are suitable for places where you need for a small quantity of hot water, such as small apartments, kitchens, workshops and restrooms of small restaurant and service firms.



Model	GD15-LJ/10A1	GD15-LJ/15A1	GD15-LJ/25A1	GD15-LJ/30A1
Storage Capacity	10L	15L	25L	30L
Installation type	Above sink / Under sink			
Control method	Mechanical			
Element sizes	1.5kW			
Element Material	standard	SUS316L		
	optional	Incoloy800		
Temperature Range	35-75 C			
Output of hot water	70%			
Relief Valve Pressure	0.8MPa			
Water-proof grade	IPX4			
Water Connection	G1/2"			
Insulation thickness	25mm			
Tank Dimensions				
A (mm)	360	360	450	450
B (mm)	360	360	450	450
C (mm)	250	310	340	370
D (mm)	100	100	100	100
E (mm)	60	60	60	60
Weight (net/gross)	7.5/9kg	9.5/11kg	12.5/14kg	14.5/16kg
Packaged Size (mm)	400×400×300	400×400×350	500×500×390	500×500×420
Outer Body Colour	Gold / White			



COMMERCIAL ELECTRIC WATER HEATER

Light Duty Electric Water Heater



Light Duty Electric Water Heater

Applications of GMO light duty commercial electric water heater

Restaurants , Beauty salons and hair salons , commercial kitchens , Commercial laundries , chain bars , clubs



Powerful electric heating, accelerate heating by 3.2 times

Heat faster, temperature of water in tank rises faster. Heating speed of 12kW Light Commercial Water Heater is about 3.2 times of 3.8kW common household water heater.



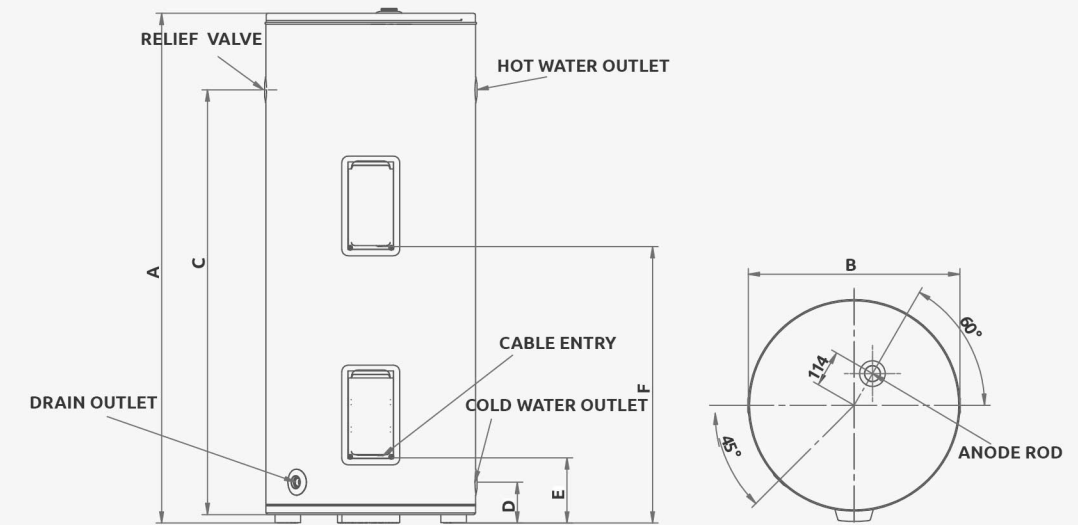
Increase instant hot water supply by 1.8 times, satisfy demands at peak hours.

Count supply capacity at peak hours with the maximum hot water supply per hour. Supply capacity of 12kW light Commercial Water Heater is 1.8 times of common 3.8kW household water heater.

COMMERCIAL ELECTRIC WATER HEATER

Light Duty Electric Water Heater

Max



Features



Durability

Commercial Enameled cylinder durable and better self-cleaning
Premium grade anode rod provides long-lasting tank protection



Efficiency

Two heating elements range from 200L to 500L are independent and more durable with standing cylinder



Temperature Control

Accurate temperature controller, control temperature of hot water, the maximum temperature can reach 82 C, wash and sterilize dishes under high temperature, guard safety



Safe and Reliable

Anti-dry heating, anti-high temperature, anti-high pressure, electric leakage protection, anti-corrosion tank



Convenient Maintenance

Big-diameter drainage valve, regularly drain sewage; special access for convenient inspection, maintenance and repair



Flexible Assembly

Different volumes, assembled water inlet, connect to power supply and start to use, simple and convenient assembly, occupy small space



Multiple Power Options

Multiple model options, from 6kW to 12kW
Possibility of three-phase 380 V or 410 V connection



Warranty

3 years cylinder warranty

Technical Parameter

Model	200L	300L	400L	500L
Element sizes	optional	3/4/5/6kW		
Element No.	2			
Electrical supply (Voltage /Frequency)	380V/50Hz 410V /50Hz			
Element Material	standard	Incoloy840		
	optional	Enamel Coating Incoloy800		
Relief Valve Pressure	1.0MPa			
Max Inlet Pressure	0.8MPa			
T&PR Valve Connection	NPT3/4			
Water Connection	G3/4"			
Temperature Range	49-82 °C			
insulation material/thickness	50mm	55mm	50mm	50mm
Tank Dimensions				
A (mm)	1560	1585	1635	1984
B (mm)	540	650	710	710
C (mm)	1370	1347	1400	1749
D (mm)	120	127	127	127
E (mm)	181	202	237	237
F (mm)	805	852	937	1237
Weight (net/gross)	66/69kg	85/88kg	110/113kg	134/137kg
Packaged Size (mm)	605×605×1695	715×715×1655	745×745×1700	745×745×2050
Outer Body Colour	Gray			

Powers of Different Models		3kW	4kW	5kW	6kW
Hot water volume under corresponding temperature rise	25°C/L/h	205L	272L	342L	410L
	35°C/L/h	146L	195L	244L	292L
	55°C/L/h	92L	124L	155L	186L
Element No.	2				

Master



Features



Durability

Commercial Enameled cylinder durable and better self-cleaning
Premium grade anode rod provides long-lasting tank protection



Three-stage heating

Three elements range from 300L to 500L .
Compared with water heaters under the same power, it can reduce power load of single heating element.



Temperature Control

Accurate temperature controller, control temperature of hot water, the maximum temperature can reach 82°C, wash and sterilize dishes under high temperature, guard safety



Safe and Reliable

Anti-dry heating, anti-high temperature, anti-high pressure, electric leakage protection, anti-corrosion tank



Convenient Maintenance

Big-diameter drainage valve, regularly drain sewage; special access for convenient inspection, maintenance and repair



Flexible Assembly

Different volumes, assembled water inlet, connect to power supply and start to use, simple and convenient assembly, occupy small space



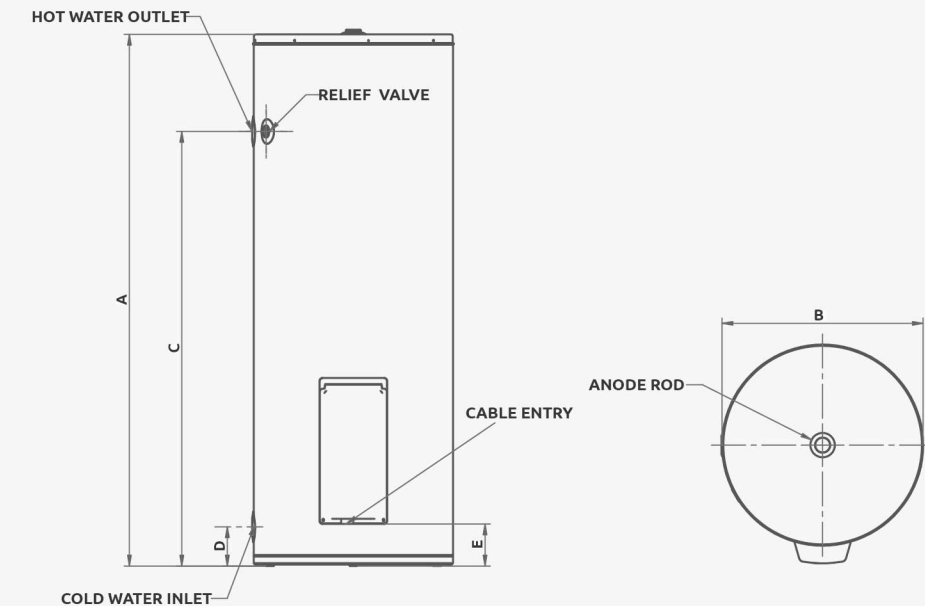
Multiple Power Options

Multiple model options, from 9kW to 15kW
Possibility of three-phase 380 V or 415 V connection



Warranty

3 years cylinder warranty



Technical Parameter				
Model		300L	400L	500L
Element sizes	optional		9/12/15/18kW	
Element No.			3	
Electrical supply (Voltage /Frequency)			380V/50Hz 415V /50Hz	
Element Metrial	standard		Incoloy840	
	optional		Enamel Coating Incoloy800	
Relief Valve Pressure			1.0MPa	
Max Inlet Pressure			0.8MPa	
T&PR Valve Connection			NPT3/4	
Water Connection			G1	
Temperature Range			49-82°C	
insulation material/thickness		55mm	50mm	50mm
Tank Dimensions				
A (mm)		1585	1635	1984
B (mm)		650	710	710
C (mm)		1337	1390	1739
D (mm)		137	137	137
E (mm)		160	210	210
Weight (net/gross)		85/88kg	110/113kg	134/137kg
Packaged Size (mm)		715×715×1655	745×745×1700	745×745×2050
Outer Body Colour			Gray	

Powers of Different Models		9kW	12kW	15kW	18kW
Hot water volume under corresponding temperature rise	25°C/L/h	308L	410L	514L	617L
	35°C/L/h	220L	292L	366L	441L
	55°C/L/h	140L	186L	232L	280L
Element No.				3	

COMMERCIAL ELECTRIC WATER HEATER

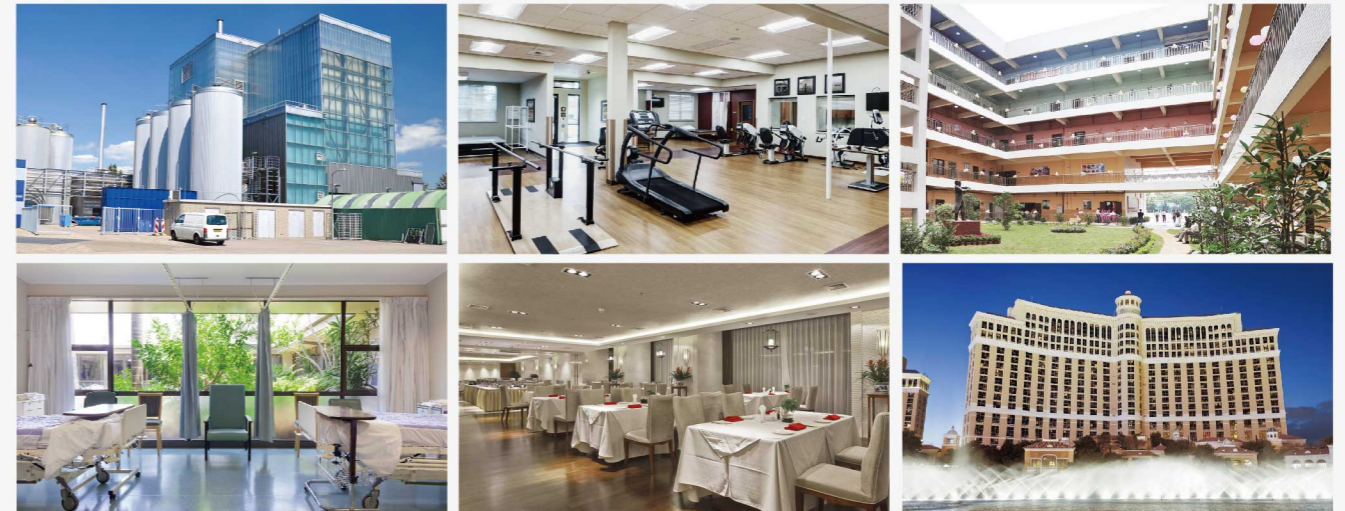
Heavy Duty Electric Water Heater



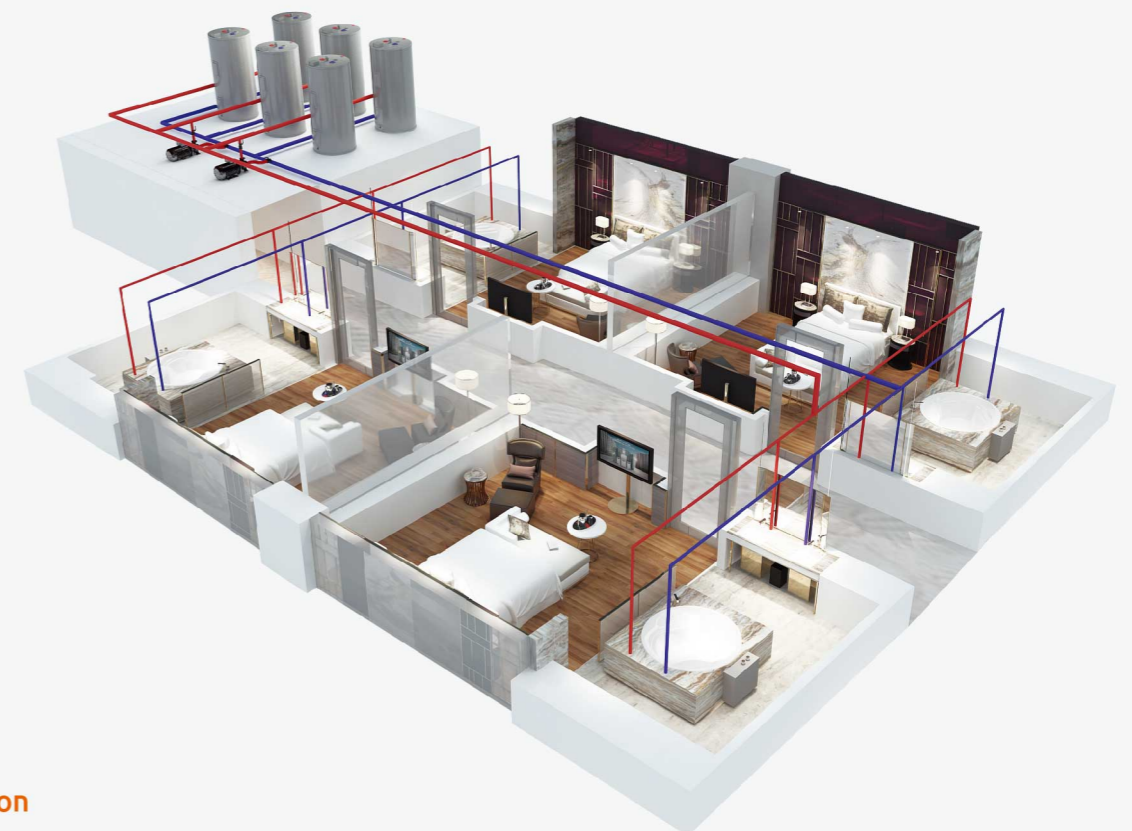
Heavy Duty Electric Water Heater

Applications of GMO heavy duty commercial electric water heater

Factories , enterprises , institution , entertainment venues , school , hospital , Restaurant and middle-sized commercial places , clubs



Water Heater Assembly Diagram

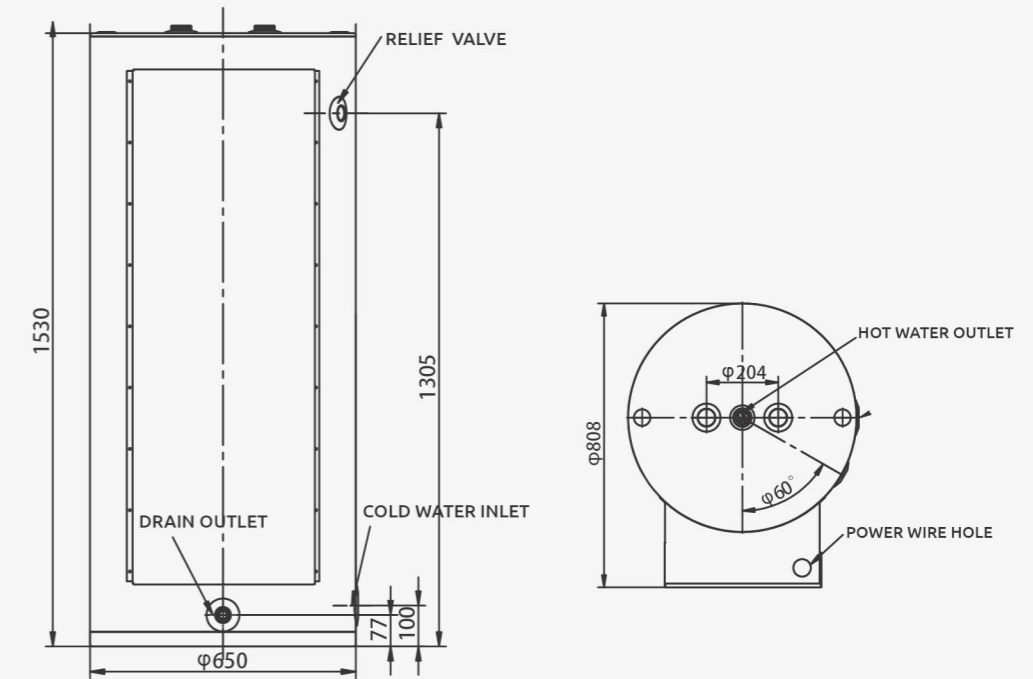


Annotation

" — " hot water for life

" — " cold water for life

Titan



Features



Durability

Commercial Enameled cylinder durable and better self-cleaning
Two anode rods are installed to ensure long life and corrosion resistance



Temperature Adjustment

Wide temperature range: 49°C~82°C



Multiple Power Options

Multiple model options, from 36kW to 54kW



Start and Heat Instantly

Connect power supply for water outlet pipe and enjoy hot water.



Warranty

3 years cylinder warranty



Instant heating

Powerful and instant heating, heating the water tank full of cold water in just 15 minutes



Independent temperature control and fusing technology

Independent American TOD temperature controller and Schneider air circuit-breaker are configured for each heating elements. More sensitive, more reliable and safer control



Installation

Control box is located at the front of unit for easy wiring during installation with multiple knockout holes to accommodate a variety of conduit sizes



Thicker Insulation Layer

55mm, effectively reduce heat loss, improve comprehensive performance.

Technical Parameter

Model	300L	
Element sizes	optional	36/45/54kW
Element No.	9	
Electrical supply (Voltage /Frequency)	380V/50hz	
Element Material	Incoloy840	
Relief Valve Pressure	1.0MPa	
Max Inlet Pressure	0.8MPa	
T&PR Valve Connection	DN20	
Water Connection	DN32	
insulation material/thickness	55mm	
Temperature Range	49-82°C	
Total Diameter	650mm	
Total height	1530mm	
Weight (net/gross)	90/95kg	
Packaged Size (mm)	1000×1000×1760	
Outer Body Colour	Gray	

Powers of Different Models		36kW	45kW	54kW
Hot water volume under corresponding temperature rise	25°C/h	1214	1517	1821
	35°C/h	867	1084	1300
	55°C/h	552	690	828
Element No.	9			