GMO WANT

Professionally Customize Storaged Tanks For You

GMO®

Green Energy Warm The World

WaterMark® - Meet Drinking Water Requirement

Water Mark
AS 3498 WMKA21712

This mark shown on a plumbing product signifies certification to AS3498 that pass 260,000 times fatigue test, 2 times working pressure test and meet drinking water requirement.

Steel-cored Advanced Anode Rod Protection

The anode rod is a highly effective corrosion fighting system which utilizes cathodic action to protect internal tank surfaces from corrosive elements. Anode rod adds a stainless steel core to magnesium anodes for even longer life.

Blue Diamond Enamel Coating

BLUE DIAMOND

GMO blue diamond enamel coating provides superior corrosion resistance, and its quality is complied with Australian Standard, German DIN4753.

T&P Relief Valve

Highly sensitive T&P Relief Valves match to the heater to help ensure that every GMO residential water heater is installed properly and safe.

High Efficient 360°Polyurethane Layer

360°

Extremely thick and high intensity make better thermal protection performance.

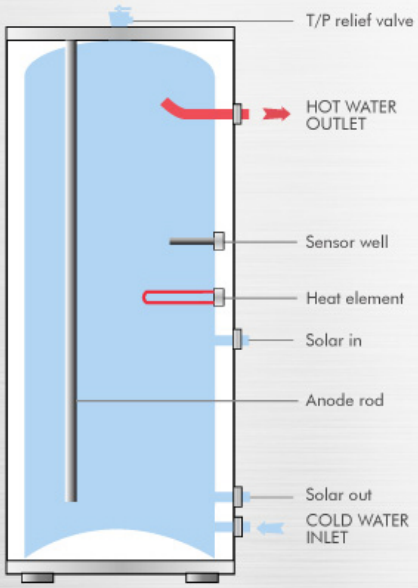
Optional appearance color- Grey,Beige,Silver

ANTI RUST

The shell adopted high efficiency, heat galvanized plate and outdoor painting process. The Shell has the features of anti erosion and rust proof to proof to prolong the service span.

Direct Boilers

A high-quality storage tanks can save up to 80% of energy costs for water heating year on year. GMO storage tanks (without heat exchanger) are famous for its high efficiency, and low heat loss.

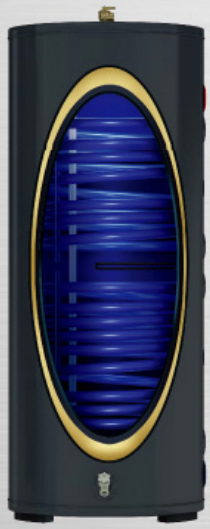


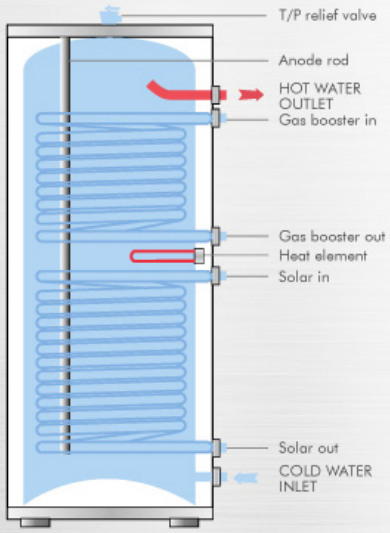
- Inner boiler enamelled according to DIN 4753 and WaterMark
- Operating pressure max. 10 bar
- Operating temperature max 90℃
- Energy-saving,directly applied polyurethane foam insulation, 50mm (CFC-free)
- Compatible with potable water

Model		100L	150L	200L	250L	300L	400L	500L
Nominal capacity	L	100	150	200	250	300	400	500
Temperature setting range	℃	49-82	49-82	49-82	49-82	49-82	49-82	49-82
Default temperature	℃	65±5	65±5	65±5	65±5	65±5	65±5	65±5
Mixed water volume 40 ℃	L	193	283	393	482	583	778	953
Polyurethane Insulation Thickness	mm	40	40	40	40	40	50	50
Connected load 220V~240V	kW	1.5/2/2.5 3/4/5	1.5/2/2.5 3/4/5	1.5/2/2.5 3/4/5	1.5/2/2.5 3/4/5	1.5/2/2.5 3/4/5	1.5/2/2.5 3/4/5	
Height	mm	1114	1185	1516	1270	1520	1575	1925
Diameter	mm	450	520	520	620	620	710	710
Weight	Kg	58	63	73	90	100	117	138
Colour		○ Beige ○ Grey ● Silver	○ Beige ○ Grey ● Silver	○ Beige ○ Grey ● Silver	○ Beige ○ Grey ● Silver	○ Beige ○ Grey ● Silver	○ Beige ○ Grey ● Silver	○ Beige ○ Grey ● Silver
Test Pressure	Mpa	17	17	17	17	17	17	17
Operation Pressure	Mpa	8.5	8.5	8.5	8.5	8.5	8.5	8.5
Package Size		480*480*1200	550*550*1275	550*550*1605	655*655*1365	655*655*1615	740*740*1675	740*740*2015

Double Enamel Coil Boilers

Storage tanks(with double steel heat exchangers) are superior to heating systems that use conventional fuels in many regards. Because there is an endless supply of solar energy, they save on heating costs on a lasting basis. During the bad weather, the gas booster will begin to work. It can provide you the instant hot water through the other heat exchanger.



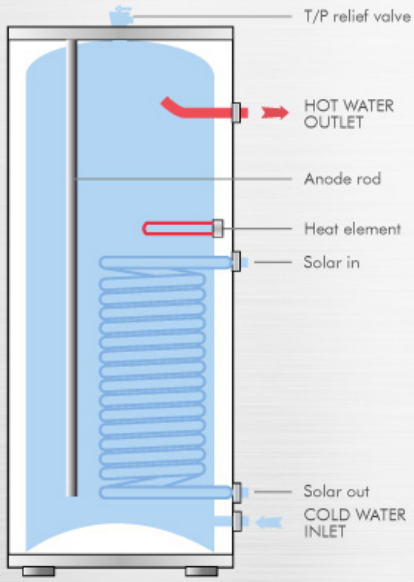


- Can be combined with a wide range of heating system.
- Inner boiler enamelled according to DIN 4753 and WaterMark
- Operating pressure max. 10 bar
- Operating temperature max 90℃
- Energy-saving,directly applied polyurethane foam insulation, 50mm (CFC-free)
- Compatible with potable water

Model		200L	300L	400L	500L
Nominal capacity	L	200	300	400	500
Heat exchange area	M^2	1 1	1 1.5	1.2 1.7	1.2 1.7
Heat Exchanger Length	m	10 10	10 14.5	11.5 16.5	11.5 16.5
Heat Exchanger Material		Φ32*2.0 steel pipe with enamel coating	Φ32*2.0 steel pipe with enamel coating	Φ32*2.0 steel pipe with enamel coating	Φ32*2.0 steel pipe with enamel coating
Temperature setting range	℃	49-82	49-82	49-82	49-82
Default temperature	℃	65±5	65±5	65±5	65±5
Mixed water volume 40 ℃	L	385	575	770	945
Polyurethane Insulation Thickness	mm	40	40	50	50
Connected load 220V~240V	kW	1.5/2/2.5/3/4/5	1.5/2/2.5/3/4/5	1.5/2/2.5/3/4/5	1.5/2/2.5/3/4/5
Height	mm	1516	1520	1575	1925
Diameter	mm	520	620	710	710
Weight	Kg	85	115	137	147
Colour		Beige/Grey/Silver	Beige/Grey/Silver	Beige/Grey/Silver	Beige/Grey/Silver
Test Pressure	Mpa	17	17	17	17
Operation Pressure	Mpa	8.5	8.5	8.5	8.5
Package Size		550*550*1605	655*655*1615	740*740*1675	740*740*2015

Single Enamel Coil Boilers

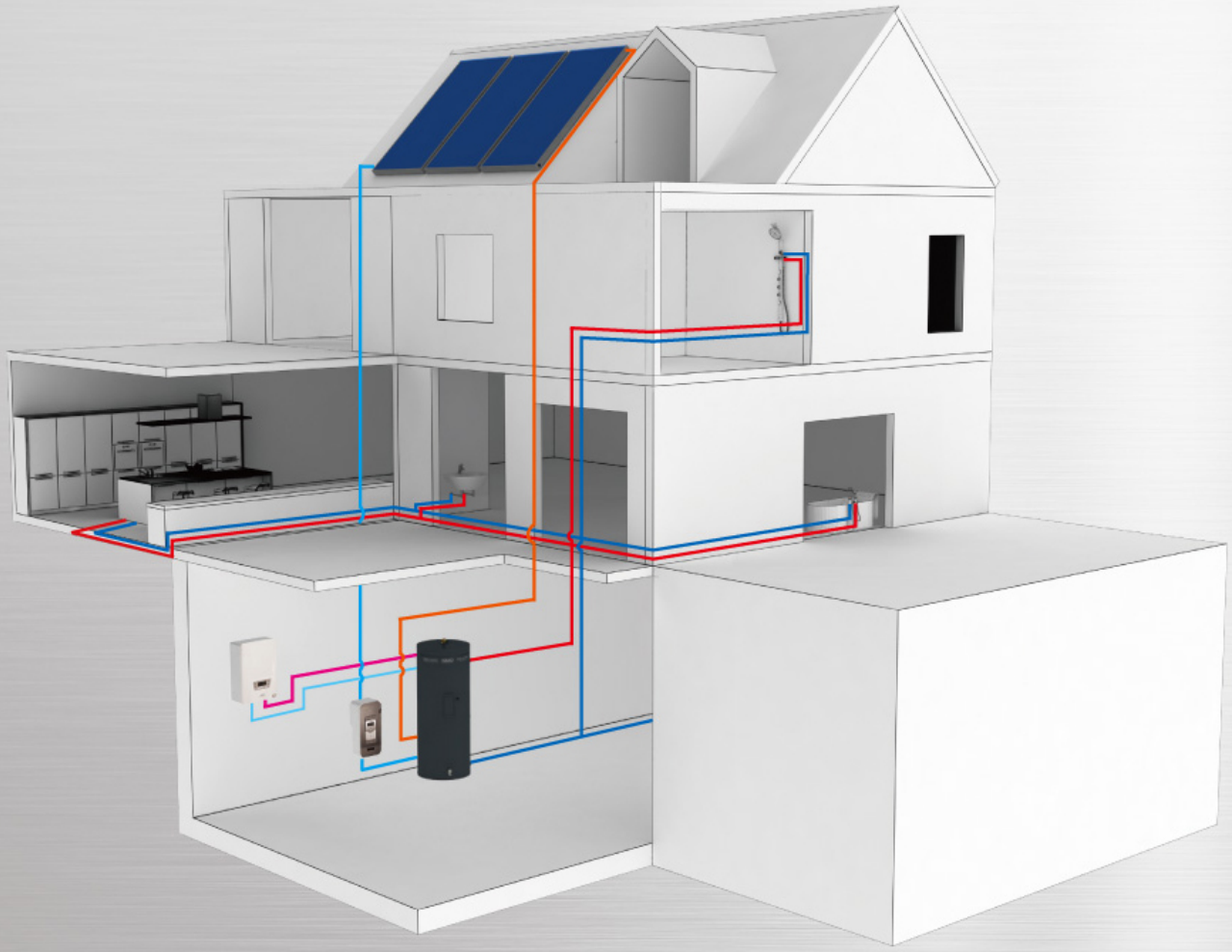
Storage tanks(with single steel heat exchanger) offer many particularly impressive technical benefits. Large heat exchanger areas make them much more efficient than conventional storage tank technology. The polyurethane foam insulation is 100% CFC-free and guarantees minimal heat losses.



- Inner boiler enamelled according to DIN 4753 and WaterMark
- Operating pressure max. 10 bar
- Operating temperature max 90℃
- Energy-saving,directly applied polyurethane foam insulation, 50mm (CFC-free)
- Compatible with potable water

Model		100L	150L	200L	250L	300L	400L	500L
Nominal capacity	L	100	150	200	250	300	400	500
Heat Exchanger Area	m^2	0.95	0.95	1.25	1.4	1.4	1.4	1.7
Heat Exchanger Length	m	12	12	16	14	14	14	17
Heat Exchanger Material		Φ25*2.0 steel pipe with enamel coating	Φ25*2.0 steel pipe with enamel coating	Φ25*2.0 steel pipe with enamel coating	Φ32*2.0 steel pipe with enamel coating	Φ32*2.0 steel pipe with enamel coating	Φ32*2.0 steel pipe with enamel coating	Φ32*2.0 steel pipe with enamel coating
Temperature setting range	℃	49-82	49-82	49-82	49-82	49-82	49-82	49-82
Default temperature	℃	65±5	65±5	65±5	65±5	65±5	65±5	65±5
Mixed water volume 40 ℃	L	190	280	390	480	580	775	950
Polyurethane Insulation Thickness	mm	40	40	40	40	40	50	50
Connected load 220V~240V	kW	1.5/2/2.5 3/4/5	1.5/2/2.5 3/4/5	1.5/2/2.5 3/4/5	1.5/2/2.5 3/4/5	1.5/2/2.5 3/4/5	1.5/2/2.5 3/4/5	
Height	mm	1114	1185	1516	1270	1520	1575	1925
Diameter	mm	450	520	520	620	620	710	710
Weight	Kg	58	63	73	90	100	117	138
Colour		Beige Grey Silver	Beige Grey Silver	Beige Grey Silver	Beige Grey Silver	Beige Grey Silver	Beige Grey Silver	Beige Grey Silver
Test Pressure	Mpa	17	17	17	17	17	17	17
Operation Pressure	Mpa	8.5	8.5	8.5	8.5	8.5	8.5	8.5
Package Size		480*480*1200	550*550*1275	550*550*1605	655*655*1365	655*655*1615	740*740*1675	740*740*2015

System diagram



Annotation

" ——— " hot water for life	" ——— " solar in	" ——— " gas booster in
" ——— " cold water for life	" ——— " solar out	" ——— " gas booster out

- In closed circuit split systems, antifreeze fluid is used to circulate through the collectors. The heat harvested from the collectors is transferred from the fluid to the water in the tank by a heat exchanger.
- With a GMO solar hot water split system you can choose from a range of boosters including in-tank electric or in-line gas continuous flow boosting to ensure you always have hot water on tap even on cloudy days.
- With open circuit split systems the water is circulated from the tank at ground level through the solar collectors by an electric pump system called a 'working station'.
- Cooler water is circulated in a continuous cycle from the bottom of the tank and through the solar collectors where it absorbs the heat extracted from the sun before being returned to the tank.
- When the working station senses an 8°C differential in temperature between the top of the solar collectors and the bottom of the tank, the working station is activated until the temperature differential falls to 2°C. This ensures the optimum use of the sun's free energy.