

AQUA BOILER

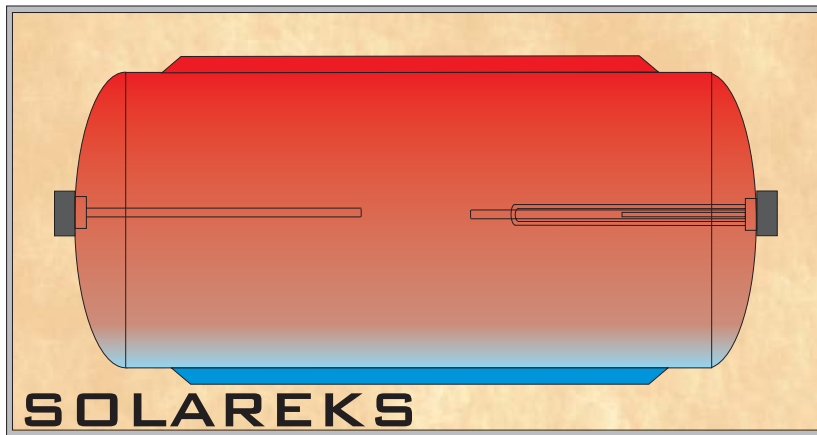
Jacket Type Horizontal Boiler
(Solar Water Heating System Natural Circulated Boiler)

SOLAREKS - AQUA BOILER

Closed Loop Jacket Type Pressurized Boiler

Closed Loop Jacket Type Boilers are used with natural circulated solar water heating systems. Cause the boiler is closed loop may be used in every geographical area. Solareks standart product range is written below;

- 1- Stainless steel inner material + Rockwool insulation + Stainless steel outer coverage
- 2- Hot deep galvenized inner material + Glaswwol insulation + Stainless steel outer coverage



Technical Properties

1- Corrosion protection and hygiene

Boilers are produced with 304 quality stainless steel and protected with cathodic protection against corrosion to have a longer useful life. Cause the stainless steel is used more hygien is obtained. Boilers are also produced by 316 quality stainless steel or hot deep galvenizing process by black sheet.

2- Insulation

Boiler is insulated with rockwool or glasswool.

3- Usage Area

Cause the boilers are pressurized can be connected directly to mains water. The closed loop boilers are designed to be used in the areas where there is a risk of freezing in winter time and where the mains water has much crack in it.

4- Thermostat Heater

Thermostat heater can be used in winter time when the sunshine beams are low. The heater is automatically controlled by the thermostat.

5- Aesthetic

Cause the outer case of the boilers are covered with stainless steel it has a aesthetic design.



Technical Details

Capacity	75 lt	100 lt	150 lt	180 lt	200 lt	240 lt	300 lt
Corrosion Protection	(Stainless steel / Hot deep galvanizing) + Cathodic protection						
Outer Coverage	Satinless Steel						
Insulation	Rockwool (Stainless steel type) / Glasswool (Hot deep galvanized type)						
Dimensions (mm)	1000 x Ø 500	1000 x Ø 540	1400 x Ø 540	1670 x Ø 540	1880 x Ø 540	1760 x Ø 590	2000 x Ø 590
Weight (G/Ss)* (kg)	43/33	52/40	69/53	81/62	86/66	95/74	116/89
Working Pressure	6 bar						
Test Pressure	9 bar						
Thermostat Heater	2000 W						

* G/Ss: Galvanized boiler weight / Stainless steel boiler weight

Optional Features

- Special designs are welcome unless the order rate is full of 20" container
- The boilers inner material may be produced by 316 quality stainless steel and the outer coverage ay be made of special decorative galvanized steel or galvanize coated painted decorative steel.

PACKING DETAILS

Closed Loop Jacket Type Pressurized Boiler

Product	Packing Details
75 lt	Wooden Box and Buble Nylon
100 lt	Wooden Box and Buble Nylon
150 lt	Wooden Box and Buble Nylon
180 lt	Wooden Box and Buble Nylon
200 lt	Wooden Box and Buble Nylon
240 lt	Wooden Box and Buble Nylon
300 lt	Wooden Box and Buble Nylon

Product	Volume (m ³)	Weight (G/Ss)** (kg)
75 lt	0,32	63/53
100 lt	0,35	85/73
150 lt	0,47	114/98
180 lt	0,56	126/107
200 lt	0,63	131/110
240 lt	0,67	140/120
300 lt	0,78	160/135

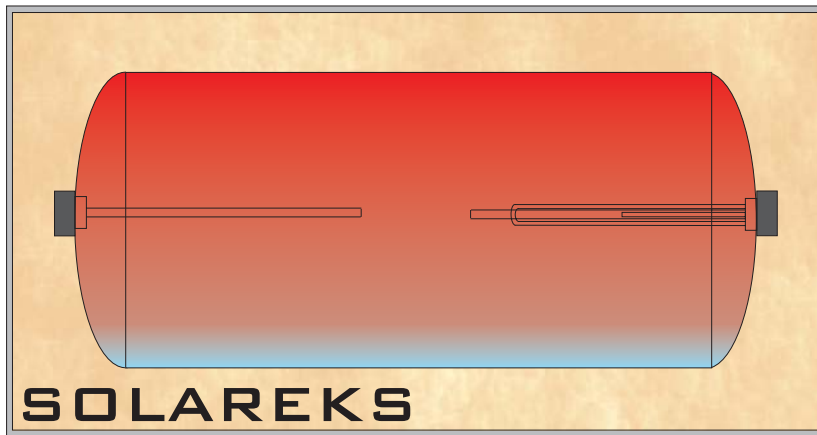
** G/Ss: Galvanized boiler weight / Stainless steel boiler weight with wooden boxes



Open Loop Pressurized Boiler

Open Loop Jacket Type Boilers are used with natural circulated solar water heating systems. Open loop boilers are designed to be used in warm areas where there is no risk of freezing. Solareks standart product range is written below;

- 1- Stainless steel inner material + Rockwool insulation + Stainless steel outer coverage
- 2- Hot deep galvenized inner material + Glaswwol insulation + Stainless steel outer coverage



Technical Properties

1- Corrosion protection and hygiene

Boilers are produced with 304 quality stainless steel and protected with cathodic protection against corrosion to have a longer useful life. Cause the stainless steel is used more hygien is obtained. Boilers are also produced by 316 quality stainless steel or hot deep galvenizing process by black sheet.

2- Insulation

Boiler is insulated with rockwool or glasswool.

3- Usage Area

Cause the boilers are pressurized can be connected directly to mains water. Open loop boilers are used at the areas where there is no risk of freezing in winter time and where there is no crack in mains water.

4- Thermostat Heater

Thermostat heater can be used in winter time when the sunshine beams are low. The heater is automatically controlled by the thermostat.



Three Season

5- Aesthetic

Cause the outer case of the boilers are covered with stainless steel it has a aesthetic design.

Technical Details

Capacity	75 lt	100 lt	130 lt	160 lt	180 lt	200 lt	240 lt	300 lt
Corrosion Protection	(Stainless steel / Hot deep galvanizing) + Cathodic protection							
Outer Coverage	Satinless Steel							
Insulation	Rockwool (Stainless steel type) / Glasswool (Hot deep galvanized type)							
Dimensions (mm)	1000 x Ø 450	1000 x Ø 500	1250 x Ø 500	1400 x Ø 500	1670 x Ø 500	1880 x Ø 500	1760 x Ø 590	2000 x Ø 540
Weight (G/Ss)* (kg)	36/29	42/33	50/40	60/47	65/51	71/55	74/59	90/71
Working Pressure	6 bar							
Test Pressure	9 bar							
Thermostat Heater	2000 W							

Capacity	400 lt	500 lt
Corrosion Protection	As written above	
Outer Coverage	As written above	
Insulation	As written above	
Dimensions (mm)	1830 x Ø 780	1700 x Ø 850
Weight (G/Ss)* (kg)	124/105	145/120
Working Pressure	6 bar	
Test Pressure	9 bar	
Thermostat Heater	Optionel	

* G/Ss: Galvanized boiler weight / Stainless steel boiler weight

Optional Features

- Special designs are welcome unless the order rate is full of 20" container
- The boilers inner material may be produced by 316 quality stainless steel and the outer coverage ay be made of special decorative galvanized steel or galvanize coated painted decorative steel.

PACKING DETAILS

Open Loop Jacket Type Pressurized Boiler

Product	Packing Details
75 lt	Wooden Box and Buble Nylon
100 lt	Wooden Box and Buble Nylon
130 lt	Wooden Box and Buble Nylon
160 lt	Wooden Box and Buble Nylon
180 lt	Wooden Box and Buble Nylon
200 lt	Wooden Box and Buble Nylon
240 lt	Wooden Box and Buble Nylon
300 lt	Wooden Box and Buble Nylon
400 lt	Wooden Box and Buble Nylon
500 lt	Wooden Box and Buble Nylon

Product	Volume (m ³)	Weight (G/Ss)** (kg)
75 lt	0,32	56/49
100 lt	0,35	75/66
130 lt	0,42	87/67
160 lt	0,50	105/92
180 lt	0,56	110/96
200 lt	0,63	115/100
240 lt	0,67	120/105
300 lt	0,78	135/115
400 lt	1,03	194/175
500 lt	1,33	240/215

** G/Ss: Galvanized boiler weight / Stainless steel boiler weight with wooden boxes

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