

Solar Water Heating Systems

Technical Data Sheet

Paralik Boiler Series



5 years warranty
Enameled interior for corrosion protection
Enhanced insulation
Extended life span with antistatic paint
Standalone structure

Open Loop Boilers

Specifications	80L	150L	200L	300L	500L
Capacity (lt)	80	150	200	300	500
Outer Diameter (cm)	44	55		70	80
Inner Diameter (cm)	38	50		63	75
Height (cm)	70	83	108		138
Internal Reservoir	3 mm Steel + Enamel Coating				
Insulation	Polyurethane				
Operating Pressure (bar)	4				
Test Pressure (bar)	13				
Set-up Position	Vertical/Horizontal				
Cathodic Protection*	Mg Anode Rod				
External Casing	0.5 mm Galvanized Steel Electrostatic Powder Painted		0.7 mm Galvanized Steel Electrostatic Powder Painted		1.0 mm Galvanized Steel Electrostatic Powder Painted
Heating Element*	3kW Copper (1.5")				
Connections (inch)	3/4 or 1				
Weight (kg)	28	42	57	84	230

*Optional

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Closed Loop Boilers

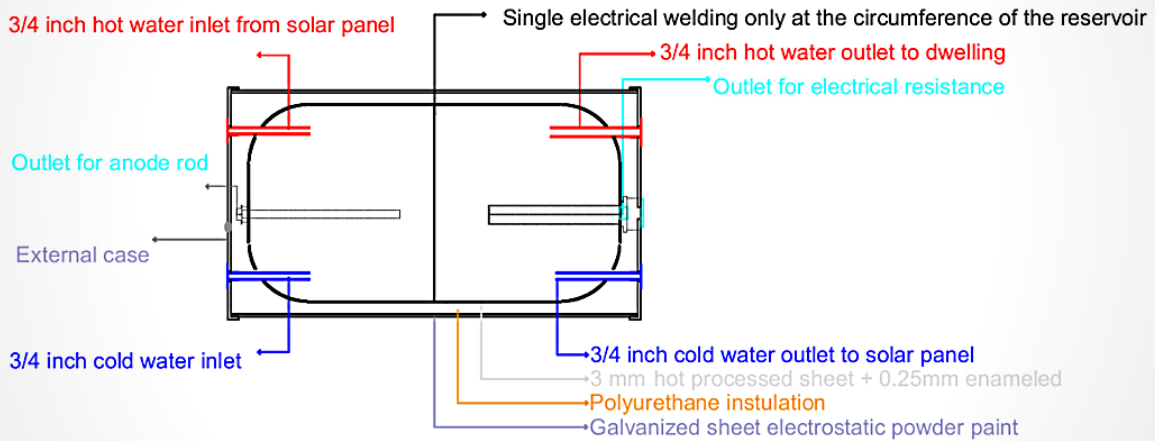
Specifications	200L	300L	500L
Capacity (lt)	200	300	500
Outer Diameter (cm)	55	70	80
Inner Diameter (cm)	50	63	75
Height (cm)	108		138
Internal Reservoir	3 mm Steel + Enamel Coating		
Insulation	Polyurethane		
Operating Pressure (bar)	4		
Test Pressure (bar)	13		
Set-up Position	Vertical		
Cathodic Protection*	Mg Anode Rod		
External Casing	0.5 mm Galvanized Steel Electrostatic Powder Painted	0.7 mm Galvanized Steel Electrostatic Powder Painted	1.0 mm Galvanized Steel Electrostatic Powder Painted
Heating Element*	3kW Copper (1.5")		
Connections (inch)	3/4 or 1		
Weight (kg)	63	90	239
Coil	Seamless Steel Pipe 3/4"		
Coil Length (cm)	60	60	90

*Optional

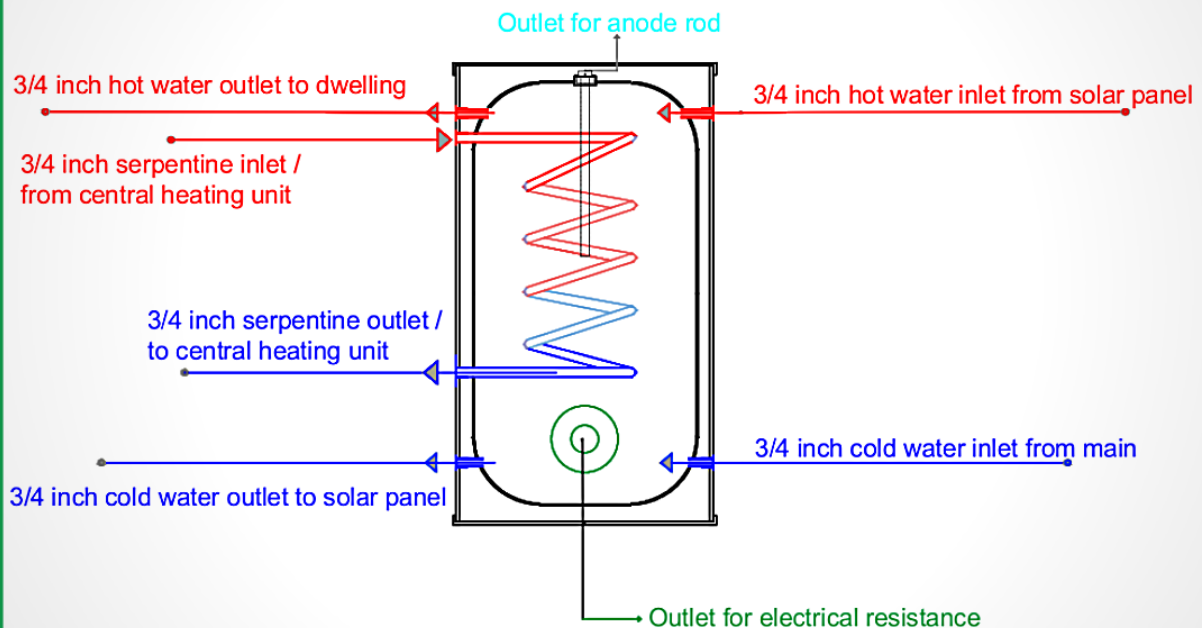
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OPEN LOOP BOILER



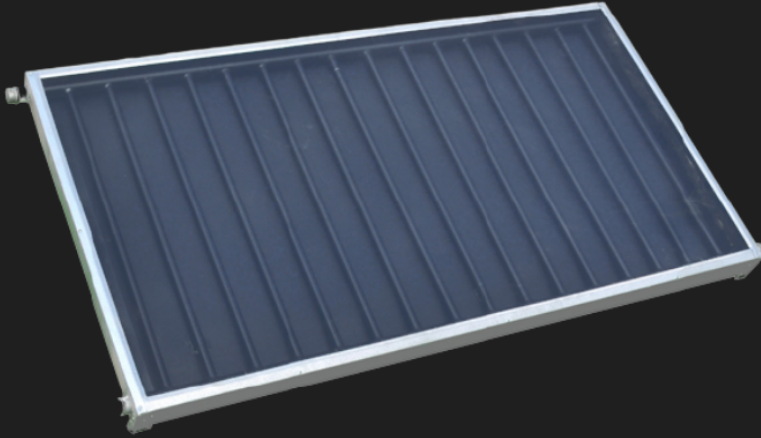
CLOSED LOOP BOILER



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Paralik Collector Series



*5 years warranty
Higher heat absorption
Thick layer insulation
Extended life span with antistatic
paint*

Specifications	Eco-8	Eco-10	Eco - 16	Performance	Advanced-8	Advanced-12
Recommended Utilisation	Open Loop System				Closed Loop System	
Dimensions (cm)	93 x 173 x 8			97 x 198 x 8		
Gross Area (m ²)	1.6			2		
Glass	4 mm Prismatic Glass					
Absorber	Black Opaque Coating				Blue Coated Selective Surface	Black Matt Paint
Operating Pressure (bar)	4				3	
Test Pressure (bar)	6				5	
Housing	Steel Frame				1.5 mm Aluminium Frame	
Insulation	Compressed 50 mm Glass Wool					
Fluid Capacity (lt)	3.9	4.5	5	6		
Header Pipe Diameter	1 inch				22mm	19.5
Riser Pipe Diameter	1/2 inch				15mm	
Number of riser pipes	8	10	16	12	8	12
Coating	Electrostatic Powder Paint				Embossed Sheet	
Pipe Material	Galvanized Steel S235 JR				Copper	Aluminium
Weight (kg)	46	51	55	66	36	41
Orientation	Vertical		Horizontal		Vertical	

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Paralik Collector Series

ECO-10 SOLAR PANEL

