

SOLAREKS

Solar Energy Systems

Pumped System

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Pumped System



Capacity	Selective Absorber Plate	Matt-Black Absorber Plate	Usage Area
180 lt	2 x Selective (2 x 1.71 m ²)	2 x 233 Series (2 x 2.3 m ²)	Domestic / 5 – 6 People
240 lt	3 x Selective (3 x 1.71 m ²)	3 x 188 Series (3 x 1.71 m ²)	Domestic / 6 – 7 People
300 lt	3 x Selective (3 x 2.3 m ²)	3 x 233 Series (3 x 2.3 m ²)	Domestic / 7 – 8 People
350 lt	4 x Selective (4 x 1.71 m ²)	5 x 188 Series (5 x 1.71 m ²)	Domestic / 8 – 9 People
500 lt	5 x Selective (6 x 1.71 m ²)	6 x 188 Series (6 x 1.71 m ²)	Commercial
600 lt	6 x Selective (6 x 1.71 m ²)	8 x 188 Series (8 x 1.71 m ²)	Commercial

PUMPED SYSTEM
TECHNICAL SPECIFICATIONS

Solareks Solar Water Heating System

İmes San. Sitesi A Blok 106. Sk. No:48
 Yukarı Dudullu / Ümraniye - İstanbul / Türkiye
 Tel: 0090 2163148580 Fax: 0090 2163641029
 E-mail: info@solareks.com
<http://www.solareks.com>

TECHNICAL SPECIFICATIONS

System Features	180 lt	240 lt	300 lt	350 lt
User	5-6 people	6-7 people	7-8 people	8-9 people
Boiler	Single & Double Serpentine type	Single & Double Serpentine type	Single & Double Serpentine type	Single & Double Serpentine type
Corrosion Protection	Hot Deep Galvanized, Cathodic Protection	Hot Deep Galvanized, Cathodic Protection	Hot Deep Galvanized, Cathodic Protection	Hot Deep Galvanized, Cathodic Protection
Outer Coverage	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
Insulation	Glaswool	Glaswool	Glaswool	Glaswool
Dimensions	1930 x Ø 540 mm	1930 x Ø 590 mm	1830 x Ø 640 mm	1780 x Ø 680 mm
Weight	120 kg	145 kg	165 kg	178 kg
Working Pressure	6 bar	6 bar	6 bar	6 bar
Test Pressure	12 bar	12 bar	12 bar	12 bar
Collector				
Absorber Plate	Matt-Black or Selective	Matt-Black or Selective	Matt-Black or Selective	Matt-Black or Selective
Heat Insulation	Glasswool or Polyurethane	Glasswool or Polyurethane	Glasswool or Polyurethane	Glasswool or Polyurethane
Glazing	Normal or Solar Glass	Normal or Solar Glass	Normal or Solar Glass	Normal or Solar Glass
Sealant	EPDM	EPDM	EPDM	EPDM
Case	Aluminium	Aluminium	Aluminium	Aluminium
Dimensions	1940 x 940 x 100 mm	1940 x 940 x 100 mm	2040 x 1200 x 100 mm	1940 x 940 x 100 mm
Weight	33.5 kg	33.5 kg	42 kg	33.5 kg
Connections	¾"	¾"	¾"	¾"
Mounting Frame	Demontable	Demontable	Demontable	Demontable
Corrosion Protection	Hot Deep Galvanized	Hot Deep Galvanized	Hot Deep Galvanized	Hot Deep Galvanized

SYSTEM ACCESSORIES

Pump	√	√	√	√
Automatic Control Panel	√	√	√	√
Closed Expansion Tank	√	√	√	√
Adjustable Safety Valve	√	√	√	√
Automatic Air Vent	√	√	√	√
Pressure Regulator	3 bar outlet	3 bar outlet	3 bar outlet	3 bar outlet
Reccord&Flexible Hose	√	√	√	√
Non-Return Valve	2 piece	2 piece	2 piece	2 piece
Filter	√	√	√	√
Antifreeze Gate Valve	√	√	√	√
Thermostat Heater – 220 V	2 x 2000 W	2 x 2000 W	2 x 2000 W	2 x 2000 W
Cap	√	√	√	√

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TECHNICAL SPECIFICATIONS

System Features	500 lt	600 lt
User	Commercial	Commercial
Boiler		
	Serpentine type	Serpentine type
Corrosion Protection	Hot Deep Galvanized, Cathodic Protection	Hot Deep Galvanized, Cathodic Protection
Outer Coverage	Stainless Steel	Stainless Steel
Insulation	Glaswool	Glaswool
Dimensions	1830 x Ø 780 mm	2130 x Ø 780 mm
Weight	210 kg	260 kg
Working Pressure	6 bar	6 bar
Test Pressure	12 bar	12 bar
Collector		
Absorber Plate	Matt-Black or Selective	Matt-Black or Selective
Heat Insulation	Glasswool or Polyurethane	Glasswool or Polyurethane
Glazing	Normal or Solar Glass	Normal or Solar Glass
Sealant	EPDM	EPDM
Case	Aluminium	Aluminium
Dimensions	1940 x 940 x 100 mm	1940 x 940 x 100 mm
Weight	33.5 kg	33.5 kg
Connections	3/4"	3/4"
Mounting Frame		
	Demontable	Demontable
Corrosion Protection	Hot Deep Galvanized	Hot Deep Galvanized

SYSTEM ACCESSORIES

Pump	√	√
Automatic Control Panel	√	√
Closed Expansion Tank	√	√
Adjustable Safety Valve	√	√
Automatic Air Vent	√	√
Pressure Regulator	3 bar outlet	3 bar outlet
Antifreeze Gate Valve	√	√
Reccord&Flexible Hose	√	√
Non-Return Valve	2 piece	2 piece
Filter	√	√
Thermostat Heater – 380 V	2 x 5000 W	2 x 5000 W
Cap	√	√