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SISOL-15

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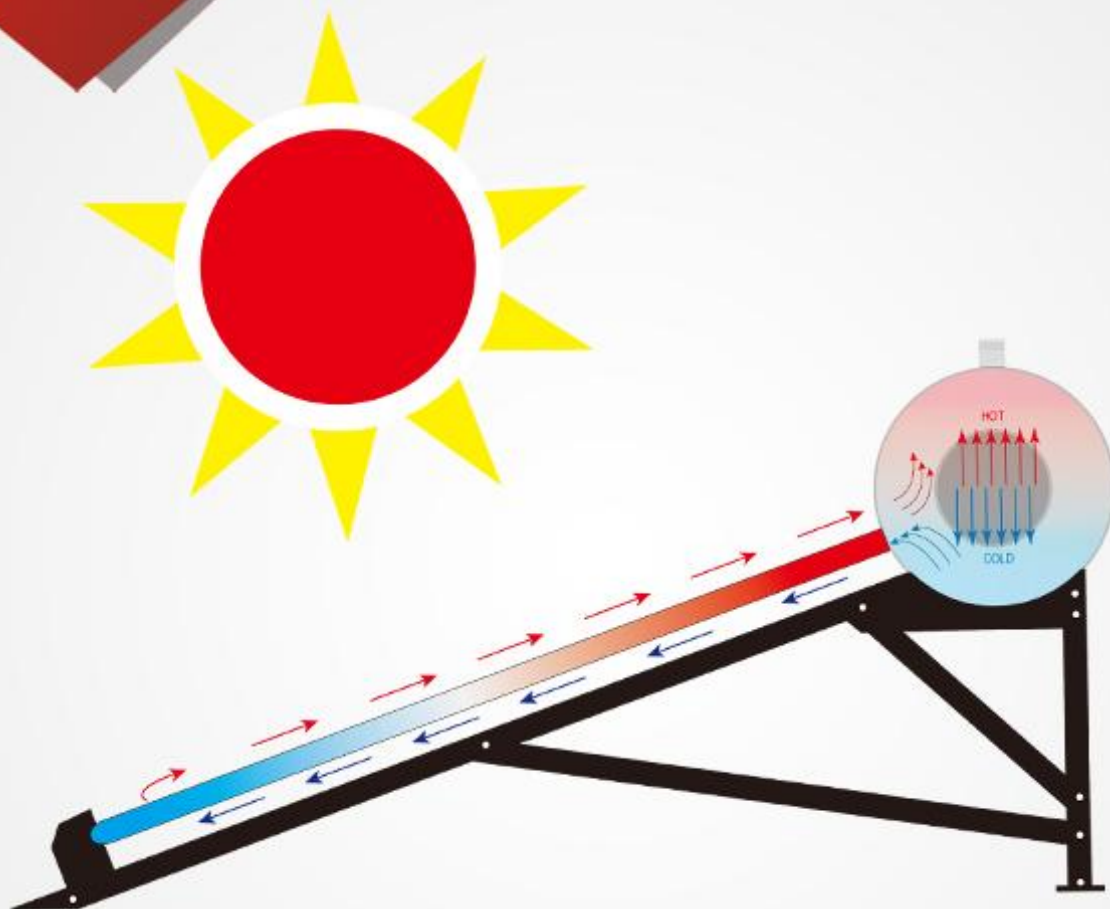
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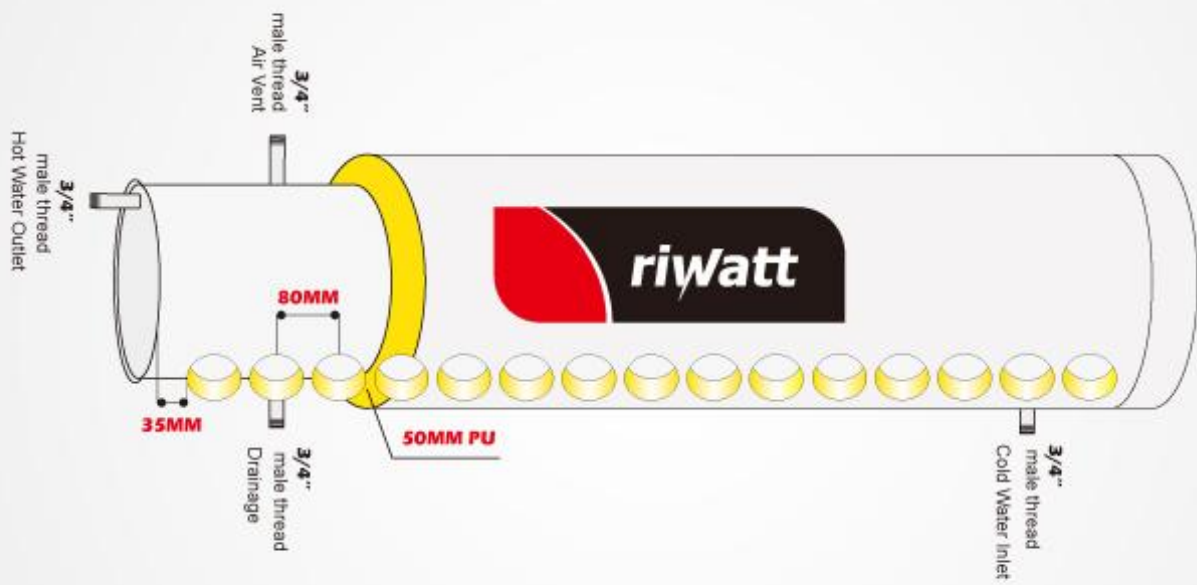
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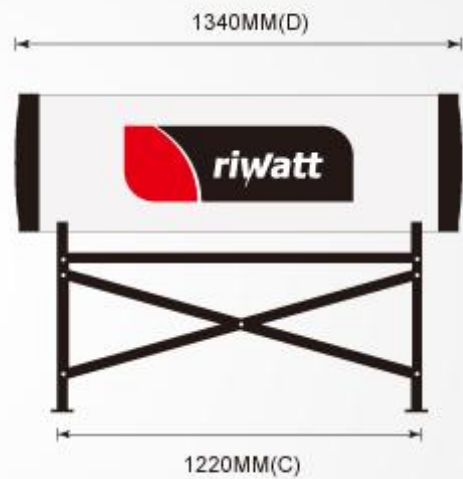
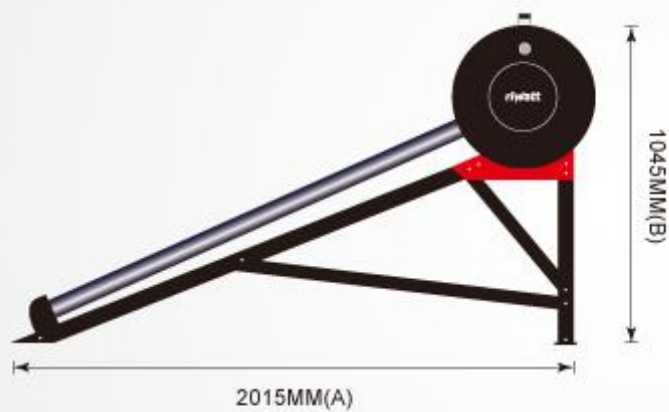
W.PRINCIPLE

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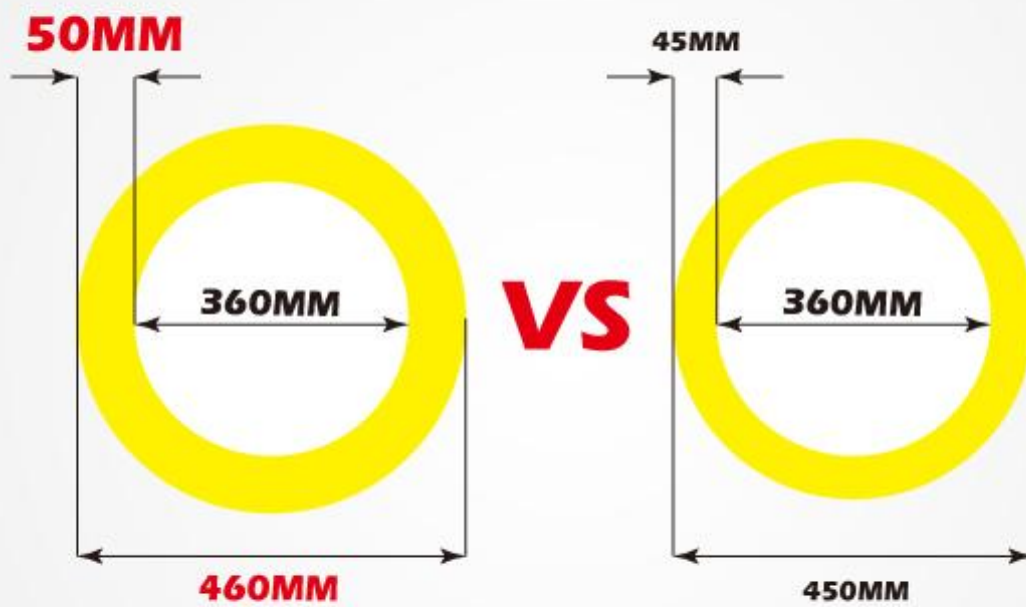
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Data Sheet

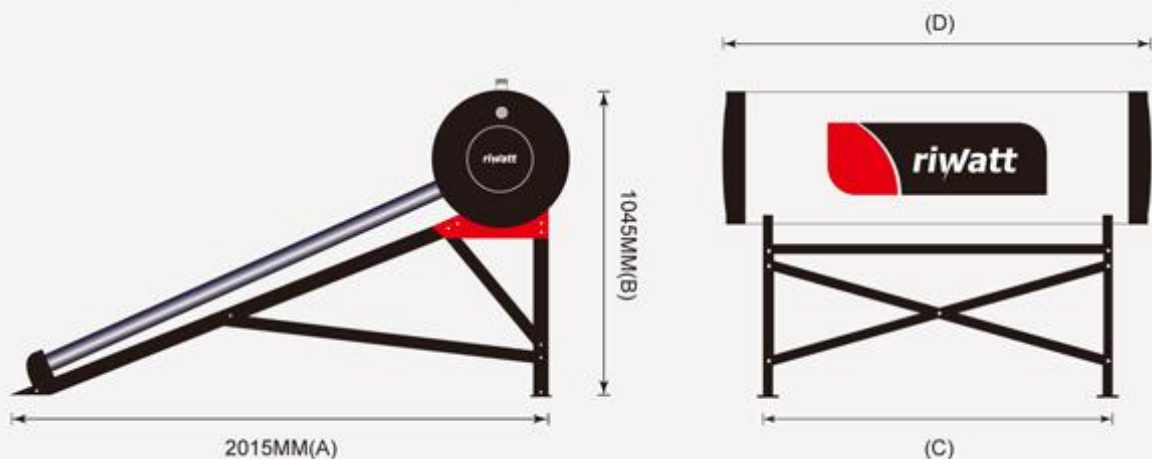
SOLAR WATER HEATER (INOX COST-EFFECTIVE MODEL)			
Introduction	1	Model	【SISOL-15】
	2	Water Tank Capacity	【127 L】
	3	Vacuum Tube Capacity	15 × 3 L = 45 L
	4	System Capacity	127 L+ 45 L = 【172 L】
	5	Riwatt Absorb Area	【1.995 M²】
	6	Suitable	【4 Persons】
Water Tank	7	Material of Outer Tank Shell	High Quality Stainless Steel, 【SUS-201】
	8	Material of Inner Tank Chest	Food Grade SUS304-2B Stainless Steel
	9	Water Tank Diameter	【460/360 MM】
	10	Water Tank Insulating Layer	Imported Polyurethane, High Density, 【50MM】
	11	Heat Preservation Period	72 Hours
	12	Welding Method	Argon Arc Welding
Vacuum Tube	13	Tube Structure	All-Glass Double-Tube Co-Axial Structure
	14	Glass Material	High Borosilicate 3.3 Glass
	15	Tube Size	【58°1800 MM】 【15 TUBES】
	16	Outer Tube Dia. & Glass Thickness	Ø58±0.7mm, Glass Thickness 1.6±0.15mm
	17	Inner Tube Dia. & Glass Thickness	Ø47±0.7mm, Glass Thickness 1.6±0.15mm
	18	Coating Material	Al-N/AL
	19	Sediment Method	Tri-Element Magnetron Sputtering Plating
	20	Absorb Ratio	> 92% (AM 1.5)
	21	Thermal Emissivity	≤ 8 % / (80°C)
	22	Pressure Between Tubes (Empty)	5x10 ⁻³ PA
	23	Freezing Point	-30°C
	24	The Average Heat Loss: ULT	≅ 0.60W / (M ² · °C)
	25	Hail Resistance	Ø25mm
Bracket	26	Bracket Material	【U-SHAPE Stainless Steel,1.0/1.2MM】
	27	Bracket Angle	【20°】
	28	Bolts & Nuts	Stainless Steel

Data Sheet

MODEL	Vacuum Tube		Capacity (L)			Absorber Area	Suitable for
	Pcs	Size(mm)	Tank	Tube	System	(M2)	(Persons)
SISOL-8	8	58×1800	69	24	93	1.064	1~2
SISOL-10	10	58×1800	86	30	116	1.330	2
SISOL-12	12	58×1800	103	36	139	1.596	2~3
SISOL-15	15	58×1800	127	45	172	1.995	4
SISOL-18	18	58×1800	152	54	206	2.394	5
SISOL-20	20	58×1800	168	60	228	2.660	6
SISOL-24	24	58×1800	201	72	273	3.192	7~8
SISOL-30	30	58×1800	249	90	339	3.990	9~10

MODEL	A	B	C	D
SISOL-8	2015	1045	66	77
SISOL-10	2015	1045	82	93
SISOL-12	2015	1045	98	110
SISOL-15	2015	1045	122	134
SISOL-18	2015	1045	146	158
SISOL-20	2015	1045	162	174
SISOL-24	2015	1045	194	206
SISOL-30	2015	1045	242	254

PS.: 1~3cm tolerance might be existed, please note, unit: mm



Accessories

Pictures	Description	Remark
	<p>Reflector</p>	<p><i>Aluminum Alloy &Frame</i></p>
	<p>Air-Vent Fixation Device</p>	<p>--</p>
	<p>Magnesium Anode</p>	<p>20*230MM</p>

Accessories

Pictures	Description	Remark
 <p>M-7</p>	<p>M-7 Controller</p>	<p><i>TK-8A Optional 110/220V,50Hz</i></p>
 <p>AFT-5L</p>	<p>Stainless Steel Assistant Tank</p>	<p><i>3L/5L/10L/20L</i></p>
 <p>ELE-47MM/1500W</p>	<p>Electric Heater Element 316L Stainless Steel.</p>	<p><i>110/220V,50Hz</i></p>