



TECHNICAL  
SPECIFICATIONS

SOLAR WATER  
HEATER &  
ACCESSORIES



# TECHNICAL SPECIFICATIONS

## 1. STORAGE TANK:

**CAPACITY ( AS PER ORDER)**

**MATERIAL OF INNER TANK:  $\geq 0.4$  MM THICK FOOD GRADE STAINLESS STEEL WITH ANTI SCALING PROVISION**

**MATERIAL OF OUTER TANK:  $\geq 0.3$ MM COATED STEEL**

**TANK INSULATING LAYER: POLYURETHANE FOAMED, THICKNESS MINIMUM 60MM INLET AND OUTLET HOLES: MALE G-3/4**

**HEAT PRESERVATION: 72 HOURS**

## 2. VACUUM TUBES:

**LENGTH: 1800MM $\pm$  2MM**

**OUTER TUBE DIAMETER: 58MM $\pm$ 2MM**

**INNER TUBE DIAMETER: 47 $\pm$ 2MM**

**GLASS THICKNESS:1.6MM $\pm$  2MM**

**MATERIAL: BOROSILICATE GLASS 3.3**

**EFFICIENCY: 93% TO 95%**

**THE INNER TUBE COMES WITH ANTI SCALING PROVISION.**

## 3. SUPPORT FRAME (BRACKET):

**MATERIAL: HOT DIP GALVANIZED STEEL / POWDER COATED PAINT.**

**THICKNESS: MINIMUM 1.5MM**

**FRAME ANGLE: 45 DEGREE (ADJUSTABLE)**

**AVERAGE LIFE: AT LEAST 12 YEARS.**

## 4. ACCESSORIES:

### 4.1 ELECTRIC HEATER.

**MATERIAL: STAINLESS STEEL 304**

**DIAMETER:  $\varnothing$ 47MM**

**POWER: 1500W**

### 4.2 DIGITAL CONTROLLER

**WATER AND TEMPERATURE SENSORS AND ALARMS.**

**TIMER WITH THREE (03) TIMES ADJUSTMENT.**

### 4.3 ASSISTANT TANK (OPTIONAL)

**INNER TANK MATERIAL: STAINLESS STEEL**

**INNER TANK THICKNESS: 0.4 MM.**

**OUTER TANK: COLOR STEEL, 0.3MM**

**CAPACITY: 10 LITERS.**

**FLOAT VALVE**