



## FPC SOLAR WATER HEATERS

CAPACITY (LPD)	Collector Specification (Cu+Al collector)	Number of collectors
500 LPD	2000*1000	4
750 LPD	2000*1000	6
1000 LPD	2000*1000	8
1500 LPD	2000*1000	12
2000 LPD	2000*1000	16

LPD: Litre Per Day



FPC Solar water heater

## Terms and Conditions

Cold water tank height should be minimum 6feet & maximum 7 feet



## FPC TECHNICAL SPECIFICATION OF FLAT PLATE COLLECTOR

Section : 1.2mm thick Aluminium

Back sheet : 0.46 mm thick Aluminium

Insulation : Fibre Glass wool with 50mm thick

Foil : 0.05 mm thick Aluminium

Flat plate collector fins (9 No's): Ultrasonic welded with Nalsun coating.

Riser Pipe: 0.33 mm & 0.6mm for Header pipe For Non-PRD

Riser Pipe: 0.5mm & 0.71mm for Header pipe for PRD

Glazing: 1000 X 2000 X 4mm clear toughened glass

Glass beading: E.P.D.M. Rubber

Fasteners: Stainless steel

Grommets: E.P.D.M Rubber

Flanges: Brass

Finishing: Powder coating

### Tank Specification:

Inner tank thickness: 3 mm for non-pressurized (500LPD TO 1000LPD)

Inner tank thickness: 6 mm for Pressurized (500 LPD TO 1000LPD)

Inner tank material: HRCA sheet with Ceramic coated

Outer tank material: Pre-Coated laminated sheet (colour: half white)/Mirror finish

Side Dish: 4 mm Thickness for Non-PRD

Side Dish: 6 mm Thickness For PRD

Insulation: 50mm thick PUF (Polyurethane foaming)

Support structure: GL with powder coating

Guarantee: 5 years Guarantee for Non-PRD & 2-year Guarantee for PRD