



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



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Terms and Conditions

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



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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 1500LPD)☐
- ☐ Inner tank thickness: 6 mm for Pressurized (500 LPD TO 1500LPD)☐
- ☐ 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) or 100mm Rock wool Insulation☐
- ☐ Support structure: GI with powder coating☐
- ☐ Guarantee: 5 years Guarantee for Non-PRD & 2-year Guarantee for PRD☐