

GL FPC (GLASS LINED FLAT PLATE COLLECTOR) TECHNICAL SPECIFICATIONS TECHNICAL SPECIFICATIONS

GL FPC Technical Specifications

Collector Specifications	
Section	1.2 mm thick Aluminium
Back sheet	0.46 mm thick Aluminium
Flat plate collector	Ultrasonic welded with Nalsun coating
Header pipe	Copper 24 SWG
Insulation	Fiber Glass wool
Collector size	1030*2030*100mm
Foil	0.05 mm thick Aluminum
Glazing	1000 X 2000 X 4mm clear toughened glass for Regular size & 960x1660x4mm clear toughened glass for small size collectors
Glass beeding	E.P.D.M. Rubber
Grommets	E.P.D.M Rubber
Flanges	Brass
Tank Specifications	
Inner tank material	2mm H.R sheet with co2 welding inside coated with prime guard coating / 3mm for pressurized systems.
Outer tank material	Pre-coated laminated sheet (color: Half white) / Mirror finish
Tank Insulation	50 mm thick PUF
Side dish	2.5mm for Normal / 3.5mm for PRD
Connecting Pipes	Stainless steel
Tank Volume	100 liters to 500 liters.
End Caps	GI with PP coating

General Specifications

Temperature	Maximum 70 ⁰ c
Fasteners	Stainless steel
Type of Applications	Pressurized/ Non-Pressurized
Stand Dimensions	1050*1150*2160mm (H*W*L)
Total Space Required For Installation	2*2.5m (W*L).

1. NO OF TUBES FOR VARIOUS CAPACITIES IS AS UNDER:

CAPACITY	No. of Panels Panel Size (2000*1000mm)
110 LPD	1 Panel
125 LPD	1 Panel
165 LPD	1 Panel
220 LPD	2 Panel
275 LPD	2 Panel
330 LPD	3 Panel

