

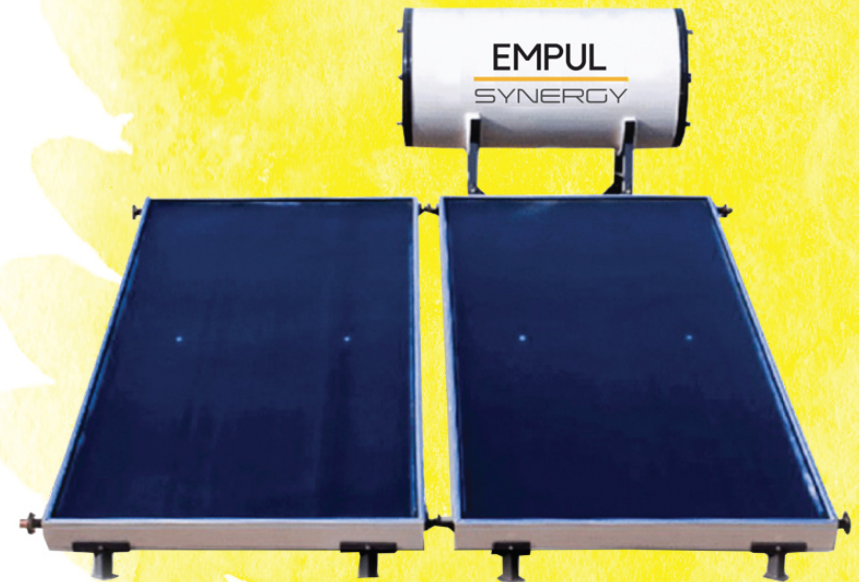
EMPUL

SYNERGY

Empul Synergy- FPC 2C 100/150/200/300/500

Specifications

Collector dimension(mm)	2020 * 1017 * 100 +_ 2mm
Header / Rise Material	Copper
Absorber Type/ Welding	Full Sheet / Laser Welding
Absorption Coating	High Efficient Blue PVD Coating
Absorption / Emittance	>95% / <5%
Insulation Material	Rockwool Density 48 Kg/m3 / Glass Wool
Glass Material	3.2 mm - 4. mm / Toughened, Low Iron Content
Frame / Back Plate	Aluminium 1.6 mm Thick / 0.4 mm Thick
Finish	Anodized, Natural Colour With 15-Microns
Working Pressure/ Weight	Working Pressure/ Weight 5 bar / ~35 kgs
Tank Capacity	100 200 300 500 Liters (125 250 available)
Thickness Inner /Outer Shell	2.5mm - 3.0 mm / 1.0 mm - 1.5 mm*
Tank Coating Inner Shell	Food Grade Ferro Coat
Jacket Tank Coating*	Anti Corrosive Coating*
Cladding	0.4 mm Pre- Coated Steel
PUF Insulation thickness	50 mm thick / 75 mm thick*
Stands / Finish	ISA 37*37*3 / Powder Coated



Features



Full sheet high efficiency blue PVD coating



Ferro coated inner container



5 bar pressure resistant



Magnesium anode



More than 95% absorption



5 years Warranty on Inner Tank



CFC free PUF insulation



Hard water resistant upto 1200 ppm