



SPECIFICATIONS – 10 Tube Collector

Collector Type	UP-10T
General Information	
Standard Dimensions	2000mm x 900mm
Aperature Area	0.93 m ²
Number of Tubes	10
Empty Weight	34 kg
Power output at 1000W/m ² (tm-ta) = 30 °C	613.7 W
Recommended Flow Rate	50 – 150 L/ (m ² .hr)
Recommended Tilt Angle	15 – 75 °
Freeze Resistant	Yes, provided appropriate Freeze
Transfer Fluid mix ratio (Indirect systems only)	1 part fluid to 3 parts water for temperatures to -8 °C
Frame Colour	Aluminium/Black
Sealing Gasket	Silicon Rubber
Absorber	
Material of Absorber	Cu/Al/SS/N2 on borosilicate glass
Thickness of Absorber	2mm
Surface Treatment	ALN/SS-ALN/Cu
Dimentions of Absorber	58/1800
Material of Absorber Pipes	Copper
Layout of Absorber Pipes	heat pipe, dry connection
Outer Diameter of Absorber Pipe	8mm
Inner Diameter of Absorber Pipe	6.8mm
Material of Header Pipe	Copper
Condenser	14mm
Outer Diameter of Header Pipe	38mm
Inner Diameter of Header Pipe	34mm
Material of Contact Sheets	Aluminium
Thickness of Contact Sheets	0.2mm
Operature Pressure	600kPa
Test Pressure	1500kPa
Stagnation temperature	203 °C
Thermal Insulation	
Insulation Material of Manifold	Polyurethane, Mineral Wool
Insulation Material of Absorber	High Vacuum

