

Navitas 2m



Product Specification

On-Roof 2m System

Descriptive Specification

- Black finish makes it an attractive addition to any roof
- The unique patented ventilation system ensures the collector provides maximum output
- Reducing heat loss from inside the collector

System Size	2m On-Roof	Materials	2m On-Roof
Gross Area	2.02m ²	Absorber	Aluminium
Aperature area	1.91m ²	Coating	Highly Selected
Absorber Area	1.85m ²	Absorbance	95%
Weight	32kg	Emissivity	5%
Max Operating Pressure	10bar	Mounting Frame	Extruded Aluminium
Recommended Operating Pressure	6bar	Glass	3.2mm tempered solar safety
Recommended Flow Rate	1L/min/m ²	Mounting Inclination	15°-75°
Fluid Volume in Collector	1.95l	Inlet Outlet Dimensions	3 ¼ bracket male
Rated Heat Output	1.61kW	Stagnation Temperature	181°C
		Insulation Material	40mm mineral wool
		Heat Transfer Fluid	Propylene Glycol / Water mix
		Efficiency Constants for G=8000W/m ²	$\eta_0 = 0.799$ $a_1 = 4.173$ $a_2 = 0.008$ (W/m ² K)

Dimensions			
	Length	Width	Diameter
On-Roof 2m	1.73m	1.17m	0.083m

