

Vissolis 2.5m

By **joule**
Manufacturing Excellence

Product Specification

In-Roof 2.5m 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	2.5m In-Roof	Materials	2.5m In-Roof
Gross Area	2.52m ²	Absorber	Aluminium
Aperature area	2.33m ²	Coating	Highly Selected
Absorber Area	2.82m ²	Absorbance	95
Length of Tube	1.8m	Emissivity	5
Dist. Between Tubes/Panels	0.078m	Mounting Frame	Timber
Weight	49kg	Glass	3.2mm tempered solar safety
Max Operating Pressure	10bar	Mounting Inclination	3 ¼ flat seal threaded connection
Recommended Operating Pressure	6bar	Inlet Outlet Dimensions	15°-75°
Recommended Flow Rate	1L/min/m ²	Stagnation Temperature	234°C
Fluid Volume in Collector	1.8l	Insulation Material	50mm mineral wood plate
Rated Heat Output	1.81kW	Heat Transfer Fluid	Propylene Glycol / Water mix
		Efficiency Constants for G=8000W/m ²	$\eta_0 = 0.765$ $a_1 = 3.951$ $a_2 = 0.011$ (W/m ² K)

Dimensions			
	Length	Width	Diameter
Vissolis 2.5m	2.058m	1.227m	0.105m

