

Flat Plate Solar Collectors IDMK25/12 & OR25/L



SunTM
Systems
creating energy

Features of Vertical/In-Roof Solar Collectors IDMK25/12 & OR25/L:

- High efficiency with European Solar Keymark
- Quick installation with easy to follow instructions
- The ideal solution for every roof
- Robust and resilient construction
- Low heat loss achieved with high insulation levels
- Toughened low iron glass
- High quality materials ensure a long life
- Elegant collector suitable for most applications
- Mineral Wool ensures high insulation levels

Solar Collectors IDMK25/12 & OR25/L


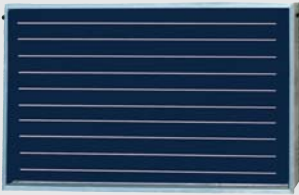
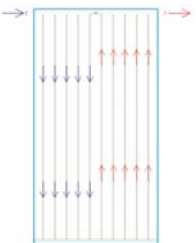

Vertical Roof Integrated Collector IDMK25/12

The in-roof IDMK25/12 collector is designed for simple installation where an 'in-roof' collector is required. An installation kit is available for all types of tiled roof. The collector is simple to install and comes with easy to follow installation instructions. The IDMK25/12 is an elegant design and the ideal solution for new build or retro-fit.

Vertical/In-roof Solar Collector IDMK25/12																																																	
	<table border="1"> <thead> <tr> <th colspan="3">Specification</th> </tr> <tr> <th>Name:</th> <td>IDMK25</td> <td>IDMK12</td> </tr> </thead> <tbody> <tr> <td>Collector type:</td> <td colspan="2">Pre assembled collector</td> </tr> <tr> <td>Installation type:</td> <td colspan="2">In-Roof</td> </tr> <tr> <td>Gross collector surface area:</td> <td>2.52 m²</td> <td>1.25 m²</td> </tr> <tr> <td>Opening surface area:</td> <td>2.32 m²</td> <td>1.10 m²</td> </tr> <tr> <td>Absorber surface area:</td> <td>2.28 m²</td> <td>1.08 m²</td> </tr> <tr> <td>Height:</td> <td>2058mm</td> <td>1015mm</td> </tr> <tr> <td>Width:</td> <td>1227mm</td> <td>1227mm</td> </tr> <tr> <td>Depth:</td> <td>105mm</td> <td>105mm</td> </tr> <tr> <td>Empty weight:</td> <td>54kg</td> <td>27kg</td> </tr> <tr> <td>Collector capacity:</td> <td>1.35l</td> <td>1.20l</td> </tr> <tr> <td>Recommended flow range:</td> <td colspan="2">15-40 l/h/ per m²</td> </tr> <tr> <td>Maximum operating pressure:</td> <td colspan="2">10 bar</td> </tr> <tr> <td>Heat insulation:</td> <td colspan="2">50mm mineral wool</td> </tr> <tr> <td>Collector glazing:</td> <td colspan="2">4mm tempered solar safety glass</td> </tr> </tbody> </table>	Specification			Name:	IDMK25	IDMK12	Collector type:	Pre assembled collector		Installation type:	In-Roof		Gross collector surface area:	2.52 m ²	1.25 m ²	Opening surface area:	2.32 m ²	1.10 m ²	Absorber surface area:	2.28 m ²	1.08 m ²	Height:	2058mm	1015mm	Width:	1227mm	1227mm	Depth:	105mm	105mm	Empty weight:	54kg	27kg	Collector capacity:	1.35l	1.20l	Recommended flow range:	15-40 l/h/ per m ²		Maximum operating pressure:	10 bar		Heat insulation:	50mm mineral wool		Collector glazing:	4mm tempered solar safety glass	
	Specification																																																
Name:	IDMK25	IDMK12																																															
Collector type:	Pre assembled collector																																																
Installation type:	In-Roof																																																
Gross collector surface area:	2.52 m ²	1.25 m ²																																															
Opening surface area:	2.32 m ²	1.10 m ²																																															
Absorber surface area:	2.28 m ²	1.08 m ²																																															
Height:	2058mm	1015mm																																															
Width:	1227mm	1227mm																																															
Depth:	105mm	105mm																																															
Empty weight:	54kg	27kg																																															
Collector capacity:	1.35l	1.20l																																															
Recommended flow range:	15-40 l/h/ per m ²																																																
Maximum operating pressure:	10 bar																																																
Heat insulation:	50mm mineral wool																																																
Collector glazing:	4mm tempered solar safety glass																																																
	<table border="1"> <thead> <tr> <th>Flow diagram:</th> <th>Size of IDMK25:</th> </tr> </thead> <tbody> <tr> <td>  </td> <td>  </td> </tr> </tbody> </table>	Flow diagram:	Size of IDMK25:																																														
Flow diagram:	Size of IDMK25:																																																
																																																	

Vertical & Horizontal On-Roof Collector OR25/L

Simple installation of horizontal or vertical collectors with flexible mounting sets for on-roof or free-standing installations. This attractive and high performance collector has a high durability which makes it one of the best collectors of its type.

Vertical & Horizontal On-Roof Solar Collector OR25/L																																	
OR25 	OR25/L 	<table border="1"> <thead> <tr> <th colspan="2">Specification</th> </tr> </thead> <tbody> <tr> <td>Name:</td> <td>OR25/L</td> </tr> <tr> <td>Installation type:</td> <td>Vertical / Horizontal</td> </tr> <tr> <td>Size:</td> <td>On-Roof / Free-standing</td> </tr> <tr> <td>Weight:</td> <td>2206mm x 1205mm x 100mm</td> </tr> <tr> <td>Gross collector surface area:</td> <td>55kg</td> </tr> <tr> <td>Nett collector surface area:</td> <td>2.65 m²</td> </tr> <tr> <td>Absorber surface area:</td> <td>2.35 m²</td> </tr> <tr> <td>Absorber surface dimension:</td> <td>2.31 m²</td> </tr> <tr> <td>Absorption:</td> <td>2101mm x 1000mm</td> </tr> <tr> <td>Emission:</td> <td>95%</td> </tr> <tr> <td>Recommended flow range:</td> <td>5%</td> </tr> <tr> <td>Maximum operating pressure:</td> <td>15-40 l/h/ per m²</td> </tr> <tr> <td>Heat insulation:</td> <td>10 bar</td> </tr> <tr> <td>Collector glazing:</td> <td>Rear wall 50mm mineral wool, edge insulation 20mm mineral wool 4mm toughened low iron glass</td> </tr> </tbody> </table>		Specification		Name:	OR25/L	Installation type:	Vertical / Horizontal	Size:	On-Roof / Free-standing	Weight:	2206mm x 1205mm x 100mm	Gross collector surface area:	55kg	Nett collector surface area:	2.65 m ²	Absorber surface area:	2.35 m ²	Absorber surface dimension:	2.31 m ²	Absorption:	2101mm x 1000mm	Emission:	95%	Recommended flow range:	5%	Maximum operating pressure:	15-40 l/h/ per m ²	Heat insulation:	10 bar	Collector glazing:	Rear wall 50mm mineral wool, edge insulation 20mm mineral wool 4mm toughened low iron glass
Specification																																	
Name:	OR25/L																																
Installation type:	Vertical / Horizontal																																
Size:	On-Roof / Free-standing																																
Weight:	2206mm x 1205mm x 100mm																																
Gross collector surface area:	55kg																																
Nett collector surface area:	2.65 m ²																																
Absorber surface area:	2.35 m ²																																
Absorber surface dimension:	2.31 m ²																																
Absorption:	2101mm x 1000mm																																
Emission:	95%																																
Recommended flow range:	5%																																
Maximum operating pressure:	15-40 l/h/ per m ²																																
Heat insulation:	10 bar																																
Collector glazing:	Rear wall 50mm mineral wool, edge insulation 20mm mineral wool 4mm toughened low iron glass																																
OR25 Flow diagram: 	OR25 Size: 	OR25/L Flow diagram: 	OR25/L Size: 