

PHÖNIX Infinity 3

Flat plate collector
Gross area 2,18 m²



- Long lifetime due to high quality "Made in Germany"
- Maximum system performance due to environment-friendly vacuum coated total-surface-absorber
- Simple and cost-saving installation due to a proven mounting-system and light collectors
- Very flexible mounting-alternatives due to an around-going mounting-slot
- Total-surface-absorber with high-selective eta Plus-cover for the optimized yield
- Collector is suitable for Pitch- and Flat-Roof-Mounting
- Powder-coater collector frame in two colours: anthracite (RAL 7016), silver (RAL 9006)

Technical data

Collector dimension
(HxBxT)

1,87 x 1,15 x 0,095 m

Gross area

2,18 m²

Absorber coating

eta plus_Al, highly selective

Absorbency

95 %

Optical efficiency

80,1 %

Weight

34 kg

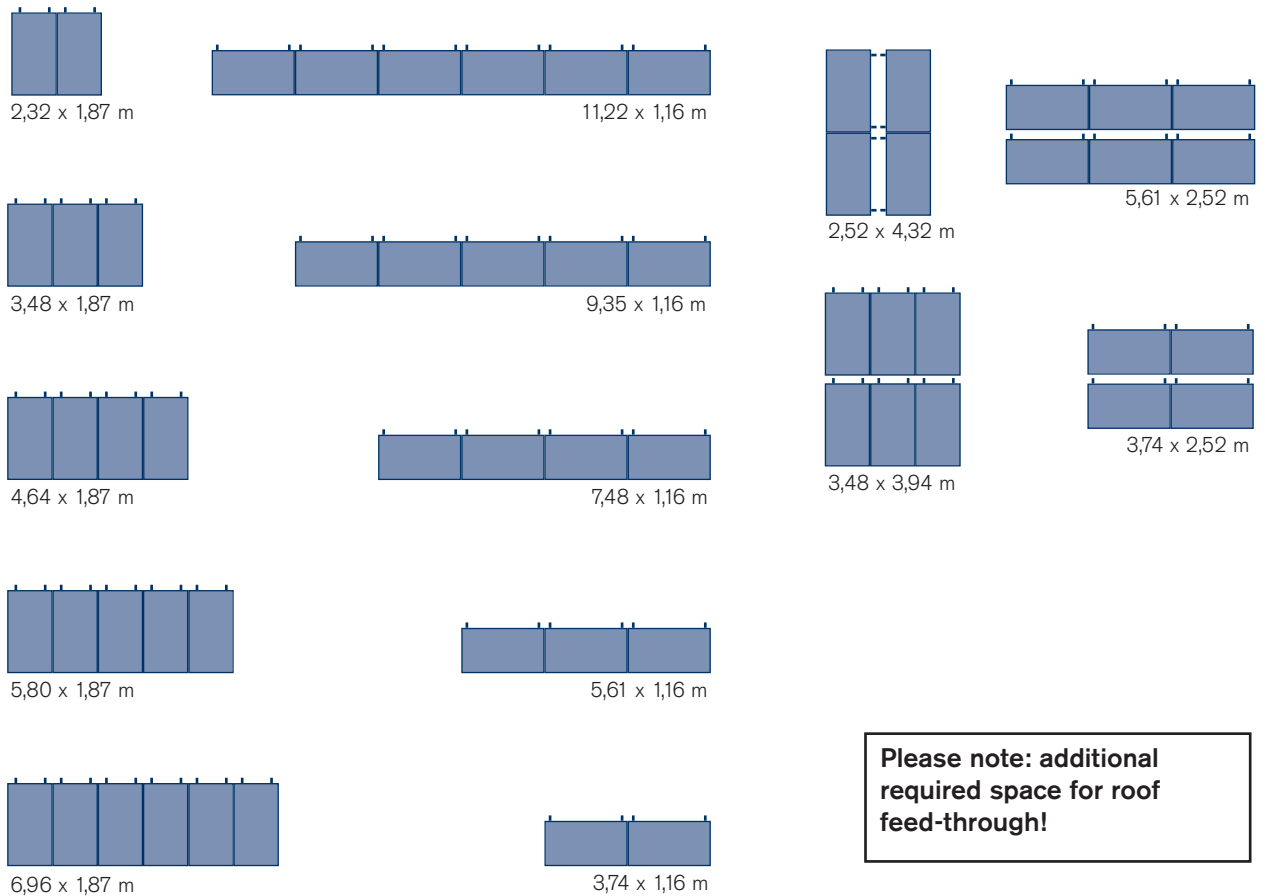
Warranty

See general terms and conditions of sales
of PHÖNIX SonnenWärme AG

Type	PHÖNIX Infinity 3
Minimum collector slope	20°
Emissivity	5 %
Efficiency factors	$k_1 = 3,65 \text{ W/m}^2\text{K}$ $k_2 = 0,0169 \text{ W/m}^2\text{K}^2$
Max. stagnation temperature	203°C
Heat transfer medium capacity	1,13 litres
Absorber	10 harp tubes $\varnothing = 8 \text{ mm}$, 2 manifolds $\varnothing = 18 \text{ mm}$
Effective absorber area	1,97 m ²
Test reports	collector test report by ISFH ISO 12975-1/2, Solar Keymark



Collector installation possibilities (Length x Height) :



Please note: additional required space for roof feed-through!

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