



Technical Data Sheet
According to Regulation (EU): No. 811/2013 and No. 812/2013

Vaccum Tube Collector HP Standard

Manufacturer:	AkoTec Produktionsgesellschaft mbH
Model:	Vacuum Tube Collector HP Standard

Specification:	Symbol:					Unit:
Art-Nr.:		19305	19310	19320	19330	

Collector type: OEM Vario		400-5 hp	800-10 hp	1600-20 hp	2400-30 hp	
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Collector Aperture area	Asol	0,51	1,02	2,03	3,05	m ²
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Optical efficiency	η_0	70	70	70	70	%
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Heat transfer coefficient (linear)	a ₁	2,22	2,22	2,22	2,22	W/(m ² *K)
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Heat transfer coefficient (square)	a ₂	0,0050	0,0050	0,0050	0,0050	W/(m ² *K ²)
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Incidence angle modifier	IAM	1,03	1,03	1,03	1,03	
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