

Technical Data Sheet
According to Regulation (EU) N° 811/2013 and N° 812/2013

Vacuum 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	
Collector Aperture area	Asol	0,51	1,02	2,03	3,05	m ²
Optical efficiency	η_0	70	70	70	70	%
Heat transfer coefficient (linear)	a1	2,22	2,22	2,22	2,22	W/(m ² *K)
Heat transfer coefficient (square)	a2	0,0050	0,0050	0,0050	0,0050	W/(m ² *K ²)
Incidence angle modifier	IAM	1,03	1,03	1,03	1,03	