



OEM Vario XXXX-XX df

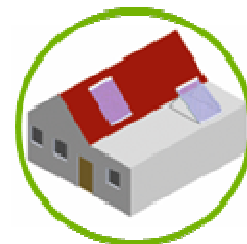
AkoTec full vacuum tube collectors are a guarantor for high energy yields especially in solar heating systems even in cold periods and winter time. All components are featuring very high quality and efficiency while having the longest lifetime.

We grant **20 years manufacturer warranty** for all our products!



Advantages of our Collectors:

- hail-safe
- mounting options: facade, flat roof, pitched roof and elevation
- quick-clip-connection: tube - manifold
- tubes are 360 ° rotateable (for optimum direction to the sun)
- tube distance is always the same (even when connecting several collectors; good visual general impression)
- self-supporting construction (no expensive rack necessary)
- One-Man-Mounting
- collector and NARVA full vacuum tubes manufactured in Germany
- NARVA full vacuum tube available with absorber coated on both sides (higher Power)
- short energy amortisation





Technical Data

Collector Type		OEM Vario 400-5 df	OEM Vario 500-5 df	OEM Vario 800-10 df	OEM Vario 1000-10 df	OEM Vario 1600-20 df	OEM Vario 2000-20 df	OEM Vario 2400-30 df	OEM Vario 3000-30 df
Absorber coating		one side	both sides	one side	both sides	one side	both sides	one side	both sides
Amount of tubes		5		10		20		30	
Measures	mm	2164 x 380 x 120		2164 x 750 x 120		2164 x 1500 x 120		2164 x 2250 x 120	
Gross area	m ²	0,82		1,62		3,25		4,87	
Weight	kg	11,3		22,5		45		67,5	
Annual collector yield Solar Keymark (measured in Würzburg →25 °C (T _m))	kWh/m ² a	449	575	899	1150	1788	2308	2688	3458
Absorber									
Absorption α / Emission ε	%	96/4							
Absorber area	m ²	0,46	0,82	0,91	1,63	1,82	3,25	2,74	4,89
Aperture area	m ²	0,51	0,73	1,02	1,46	2,03	2,93	3,05	4,39
Coating		TiNOX							
Hydraulics									
Max. operating pressure	bar	10							
Stagnation temperature	°C	192							
Collector volume	L	0,66		1,32		2,64		3,96	

