AUSTRIAN INSTITUTE OF TECHNOLOGY

Summary of Test Results according to ISO 9806:2013			Issued		16.11.2015
Manufacturer	"Galmet Sp. z o.o." Sp. K.		Country	POLAND	
			Website	www.galmet.com.pl	
Street, street number	Raciborska 36		E-mail	galmet@galmet.com.pl	
Postal Code / City, province	48-100	Głubczyce	Tel/Fax	+48	77 403 45 00 / 99

Collector Type (flat plate glazed/un-glazed; evacuate tubular)	Flat plate collector - glazed
Thermal / photo voltaic hybid collector? (PVT collector)	No
Integration in the roof possible ? (manufacturers declaration)	No

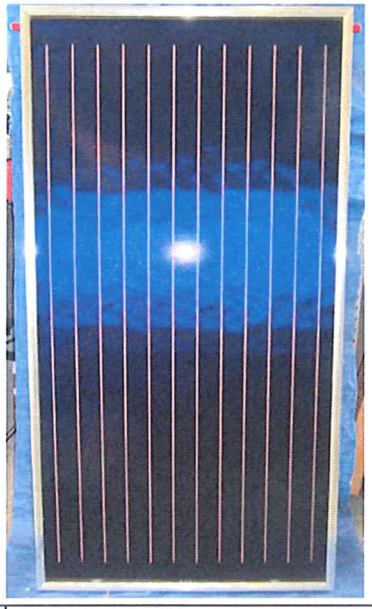
	Aperture area (Aa)	Gross length	Gross width	Gross height	Gross area (AG)	Power output per collector module G = 1000 W/m² Tm-Ta 0 K	10 K	30 K	50 K	70 K
Collector name	m²	mm	mm	mm	m²	W	W	W	W	W
KSG 21 Premium GT	**1,94**	**2.033**	**1.032**	**83**	**2,10**	**1.605**	**1.529**	**1.363**	**1.177**	**972**

Performance test method	Glazed liquid heating collector - steady state - indoor								
Performance parameters related to aperture	η0	a1	a2						
Units	-	W/(m²K)	W/(m²K²)						
Test results - Flow rate and fluid see note 1	0,829	3,800	0,012						

Bi-directional incidence angle	No	*Kϑ values are obligatory for 50°.*								
Incidence angle modifiers Kθ(θ)	Angle	10°	20°	30°	40°	50°	60°	70°	80°	90°
	Kθ(θ)					0,87				0,00

Stagnation temperature - Weather conditions see note 2	Tstg	201	°C
Effective thermal capacity	ceff = C/Ag	12,73	kJ/(m²K)
Max. intende operation temperature - see note 3	Tmax,op	208	°C
Max. operation pressure - see note 3	pmax,op	900	kPa

Photograph of the collector



Testing Laboratory	AIT Austrian Institute of Technology GmbH		
Website	www.ait.ac.at		
Test report id. number	2.04.01293.1.0-1-QT 2.04.01293.1.0-2-LT	Date of test report	09.10.2015

Note 1	Flow rate	0,020	kg/(s m²)	Fluid	Water
Note 2	Irradiance, G = 1000 W/m²; Ambient temperature , Ta=30 °C				
Note 3	Given by manufacturer				

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