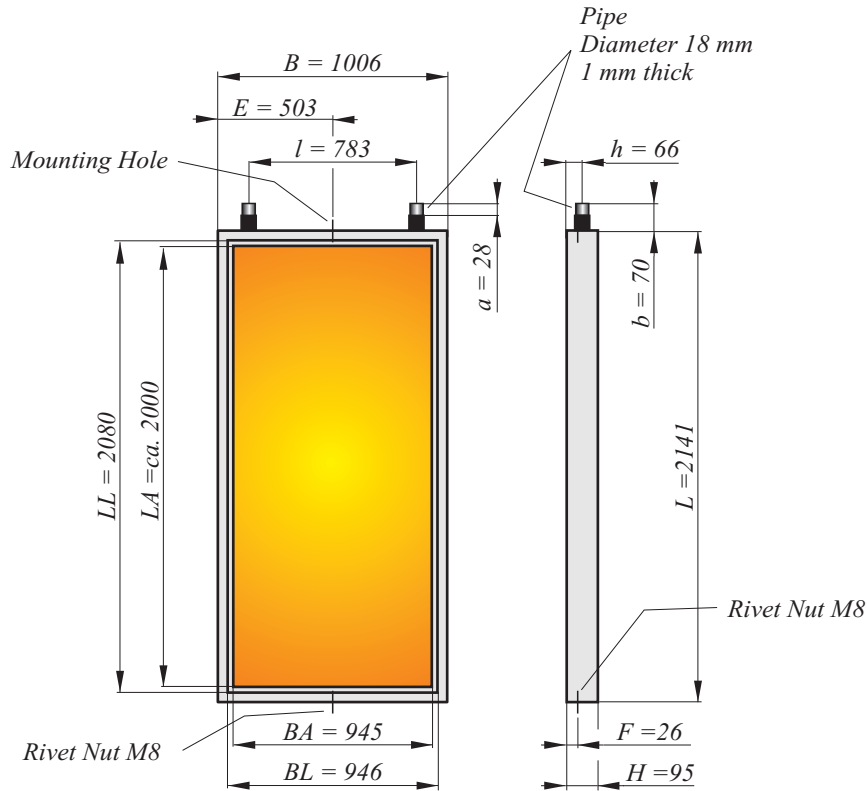
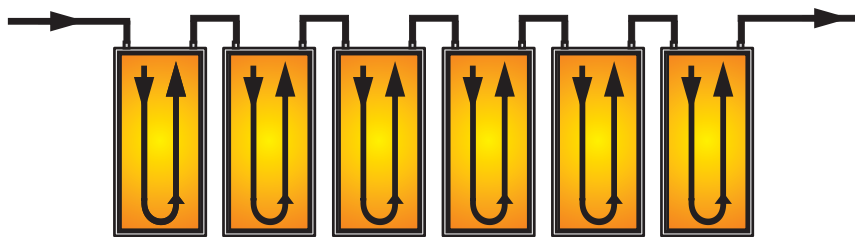


Datasheet - FERNETT Solar Collector Type F3000



Installed for serial connection
With a maximum of 30 collectors



Casing 1,5 mm thick Aluminium sheet, edged, continous weld	Length	L	2 141	mm	2,15 m ²
	Width	B	1 006	mm	
	Height	H	95	mm	
Area of Light Entry High-Transparent, impact resistant, 4 mm thick security glass (2095 x 960 mm)	Length	LL	2 080	mm	1,97 m ²
	Width	BL	946	mm	
Absorbing Surface Highpower Heat Exchanger made of flat pressed Stainless Steel Pipes	Length	LA	2 000	mm	1,88 m ²
	Width	BA	945	mm	
Mounting one Aluminium Form Pipe on each side Mounting with Rivet Nut M8	Rivet Nut		M8	mm	
	Width	E	503	mm	
	Height	F	26	mm	
Connections	2 Pipes \varnothing 18 x 1 mm				
	Length of conn.	a	28	mm	
	Connection Pipe	b	70	mm	
	Height	h	66	mm	
	Distance	l	783	mm	
Total Weight without Liquid		ca.	66	kg	
Content		ca.	5,5	l	
max. Safe Pressure			6	bar	
max. Temperature of Non Operation			136	°C	
Recommended Heat Carrier Fluid	1/3 Antifrogen, 2/3 Water				

Calculating Flow for Serial Connection:

Operation in Winter : $D = N \cdot 7$

D Flow in l / h

Operation in Spring, Autumn : $D = N \cdot 16$

N Number of Collectors

Operation in Summer : $D = N \cdot 30$

Example for 10 Collectors:

Winter : $D = 10 \cdot 7 = 70$ l/h

Spring, Autumn : $D = 10 \cdot 16 = 160$ l/h

Summer : $D = 10 \cdot 30 = 300$ l/h