

Sheet1

Description	value	unit
<i>Collector</i>		
measurements inside (usefull surface=120*180)	2.16	m2
outside measurement	'132x192	cm
Insulation material	Polyurethaan	PUR
number of cans per collector	238	sodacans
number of sprays of 400ml black paint per collector	4	400ml units
number of cans of glue used to glue the sodacans	0.7	can of 1kg
number of collectors	4	units
total usefull surface	8.64	m2
<i>Controller</i>		
based on Raspberry PI 2		
power supply	110 to 230	Vac
power consumption controller	5	Watt
Fan used (it is to small!)	100	m3/h
Temperature sensors used	DS1820	model#
±0.5°C Accuracy from -10°C to +85°C		
Measures Temperatures from -55°C to +125°C		
<i>Operating System</i>		
	Raspian	Linux
<i>Languages used</i>		
	PHP SQL	
	Python HTML	
<i>Global Position</i>		
Latitude Position of the collector	51.2107391,	North
Longitude Position of the collector	4.6046571	East