Test of solar panels

Task reference: T201294

Solarventi

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**Subject**

Following samples have been subjected

to testing to find differences of efficiency

of the solar collectors.

**Samples**

Solar collector 1 Solarventi

Solar collector 2 Dansolar

Solar collector 3 Scanheat

**Applied method**

Each solar collector was exposed to sunlight with a intensity of 550 W/m².

The test time (5 min.) started when the air temperature at the air outtake was constant.

Following parameters were measured:

Air outtake volume.

Temperature at the ventilator.

Temperature behind the solar collector.

Noise level 10cm above air outtake .

**Results**

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Temperature sensor 1 is Solarventi.

Temperature sensor 2 is Dansolar.

Temperature sensor 3 is Scanheat.

Temperature sensor 4 is the ambient air.

Measurement 4





Measurement 5





Measurement 6





Measurement 7







Solarventi



Scanheat



Dansolar



