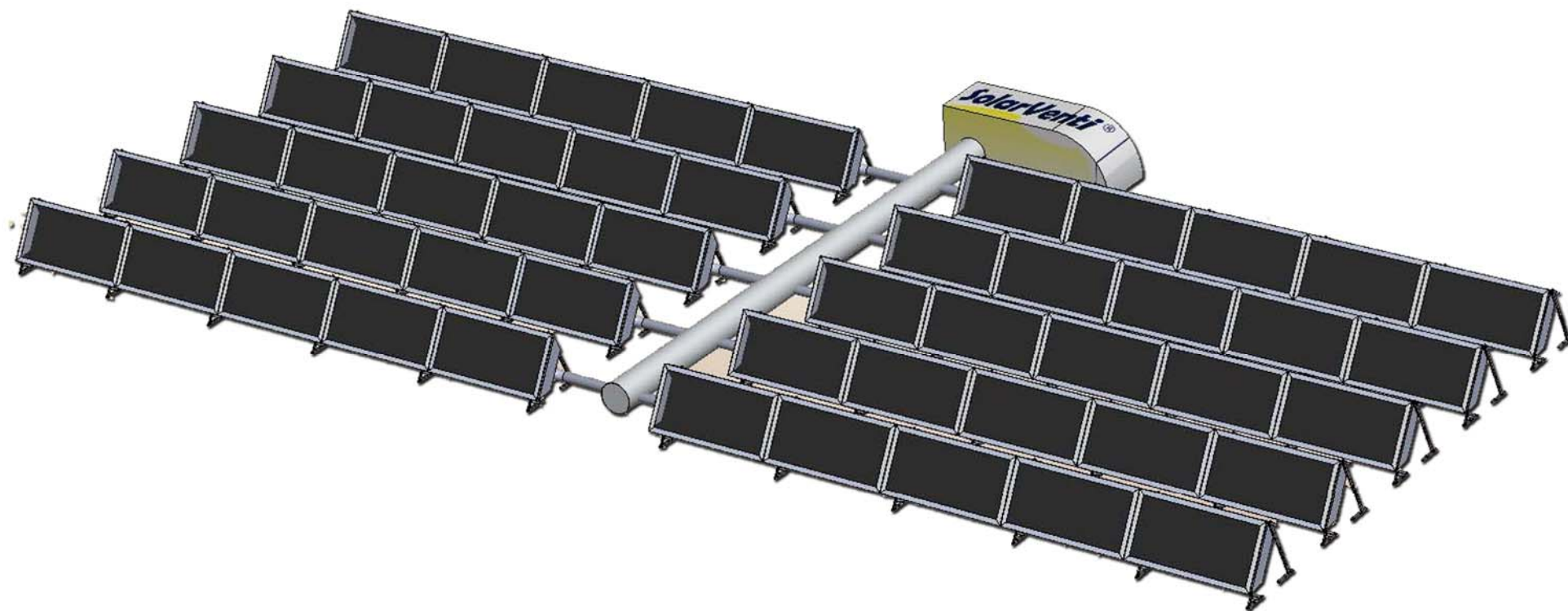
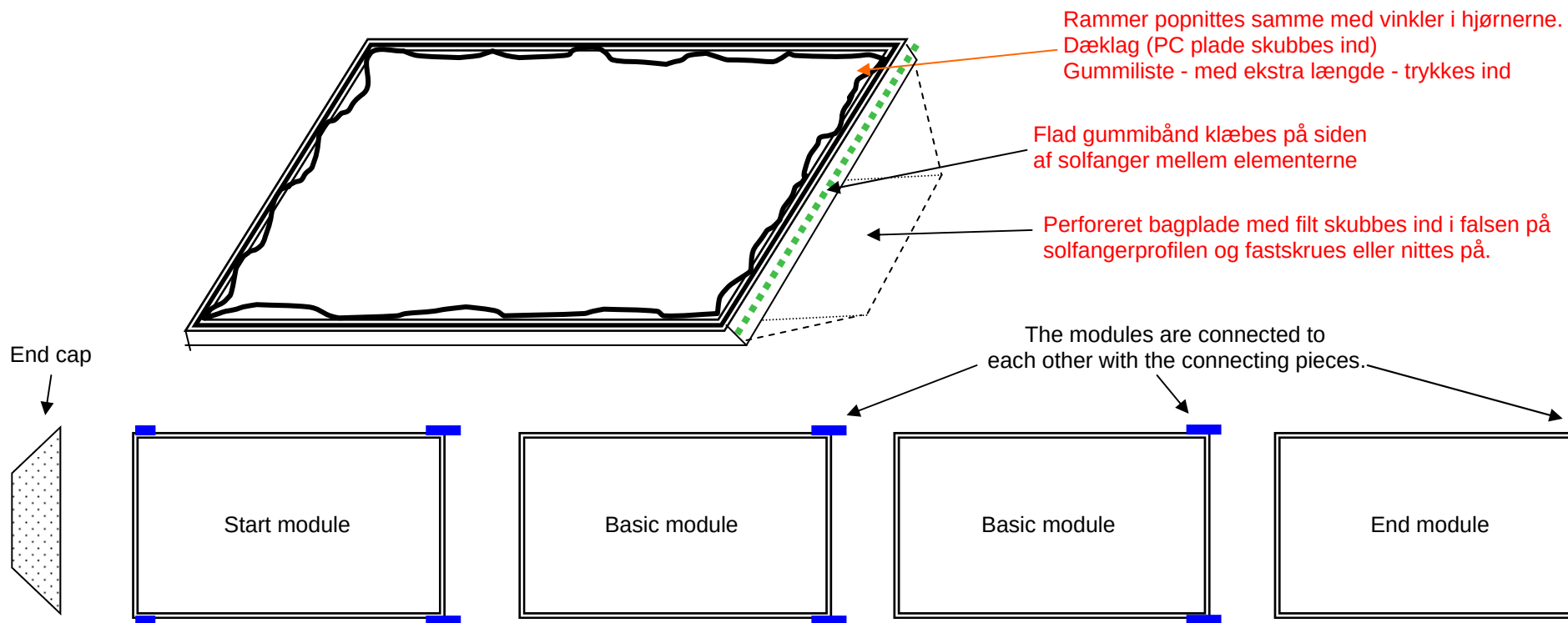
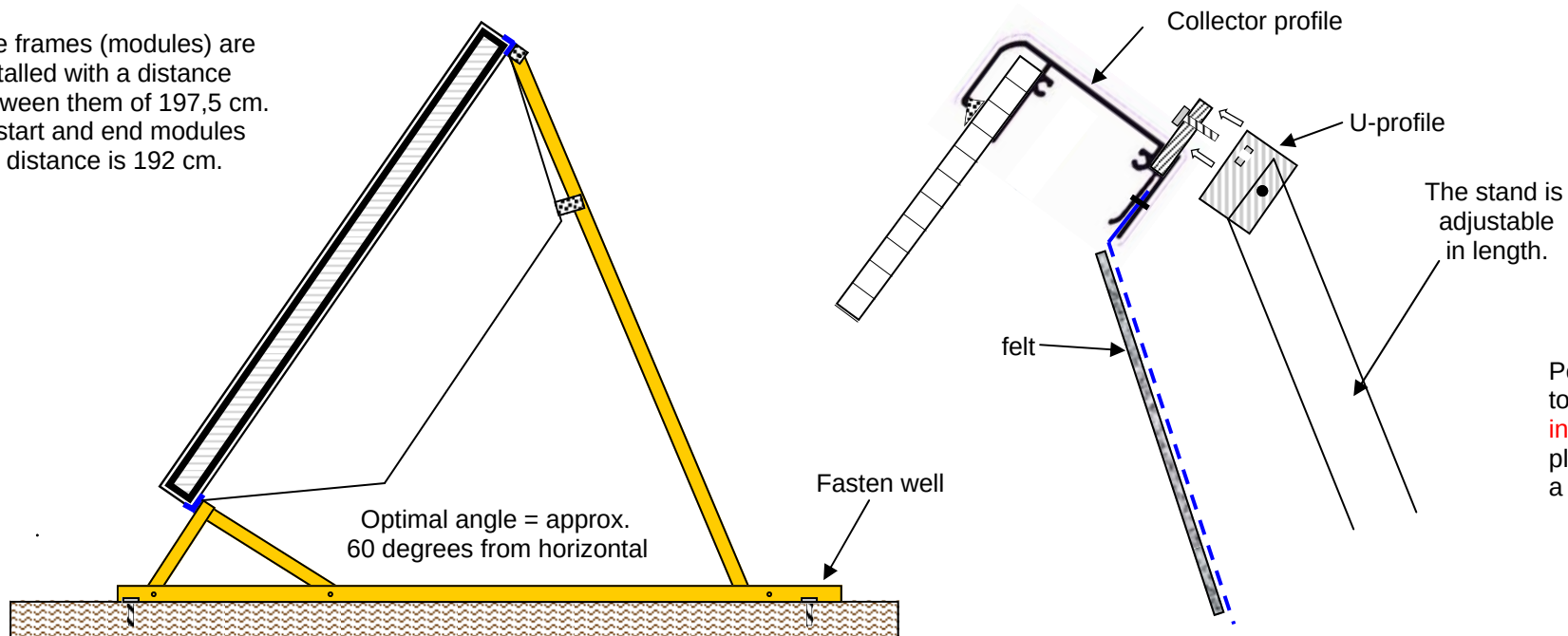




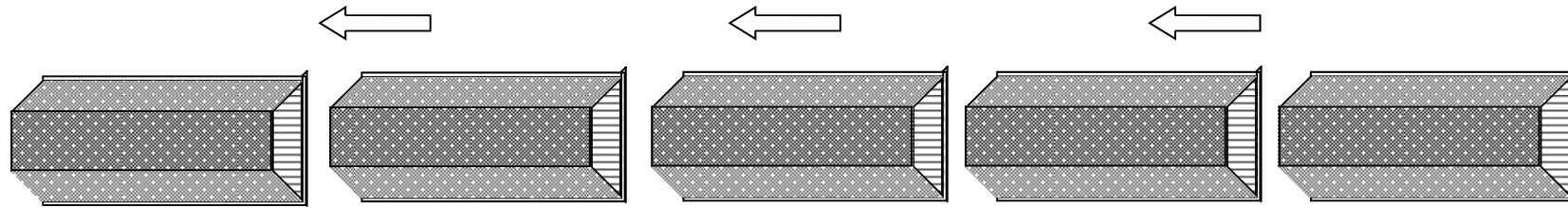
SolarVenti



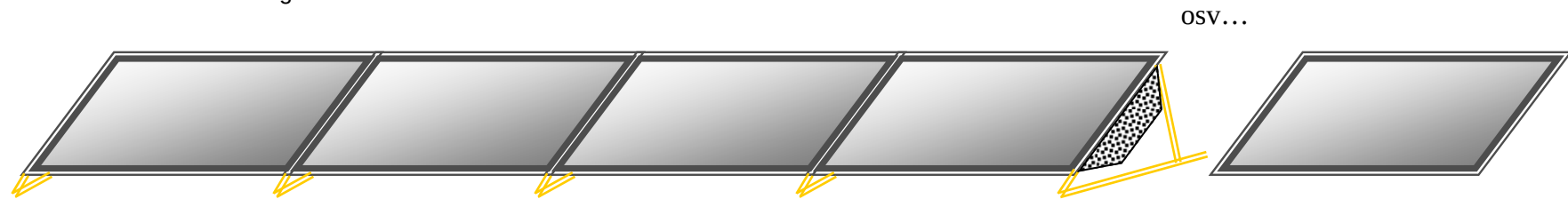
The frames (modules) are installed with a distance between them of 197,5 cm. At start and end modules the distance is 192 cm.



Perforated back plate is fastened to the collector profile **og fæstnes indbyrdes med alubånd**. The back plate can be further stabilized with a **bracket** fastened to the stand.



The elements are assembled on site to avoid damage in transport and for low freight costs.



Technical school in Hadsten 2012

Technical data:

Basic Element

Dimension: 1004 mm x 1970 mm x 250 mm
 Weight: Approx. 10 kg per m²
 Felt/Absorber: 1,25 m² absorber/felt per m² Collector, in 2 mm black polyester felt.
 Front plate: 10 mm Polycarbonat with UV-protection

pressure drop: 25 Pa at 50 m³/m² collector
 75 Pa at 100 m³/m² collector
 175 Pa at 150 m³/m² collector

Efficiency: 71% at 100 m³/m² collector

Max. Output: approx. 600 W pro m²

Output per year: 350 - 550 kWh/ m² (depends on actual usage)

Filter maintenance?:

At stand still in sunshine, the absorber/felt will be 90-100 Degrees C and as a result sterilized. Changing of filter is therefore normally not necessary. The absorber/felt will endure approx. 200 Degrees C.

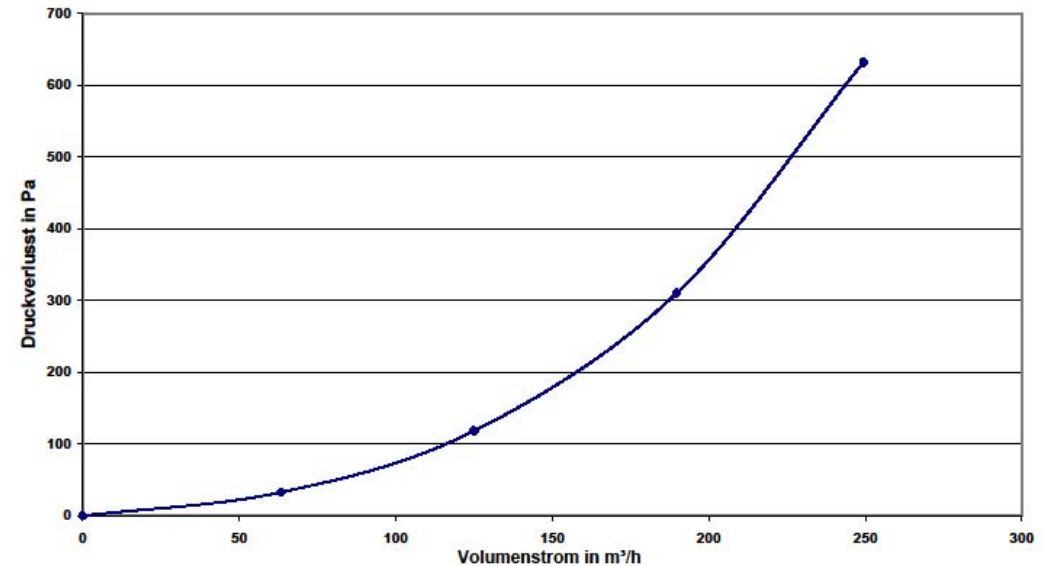
Other recommendations:

Maximum length of one row of collectors: 20 Meter

Certification:

A similar model SolarVenti SV14 has already been tested and approved at Fraunhofer Institute. The CE standards are yet not fully ready. SolarVenti A/S takes part in this proces in Germany (LUKO project).

Druckverlust Solarventi Aperturfläche 1,261 m²,
 Umgebungstemperatur ca. 20,5 °C, 18.03.2010



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