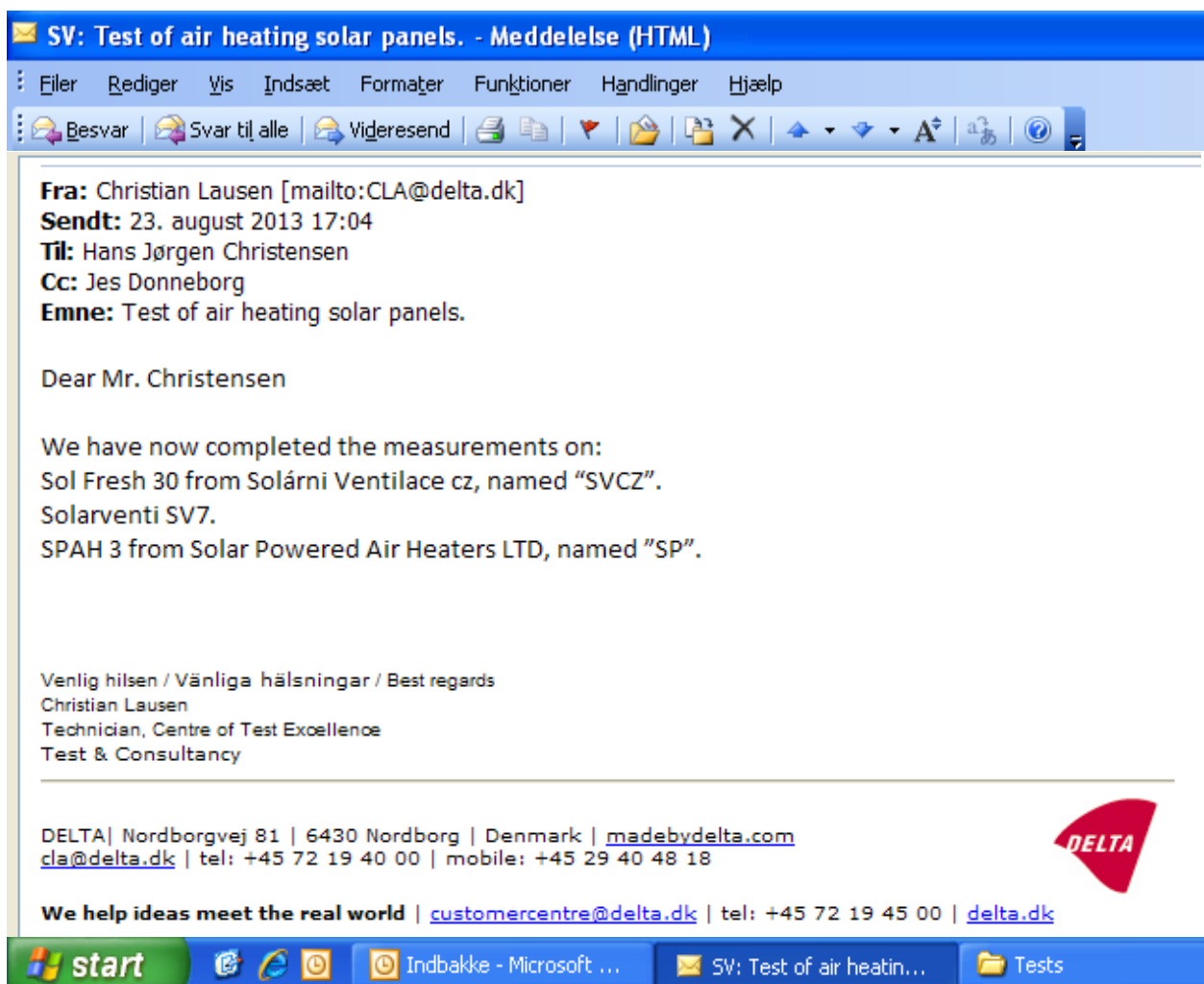


The logo for SolarVenti, featuring the brand name in a bold, blue, sans-serif font with a registered trademark symbol. The text is set against a yellow background with a pattern of thin, parallel diagonal lines.

About the Delta Test T205234-3

Mail from Christian Lausen (Delta Test Laboratory)

A screenshot of an email client window. The title bar reads "SV: Test of air heating solar panels. - Meddelelse (HTML)". The menu bar includes "Filer", "Rediger", "Vis", "Indsæt", "Formater", "Funktioner", "Handlinger", and "Hjælp". The toolbar contains icons for "Besvar", "Svar til alle", "Videresend", and other standard email actions. The main content area shows the email header: "Fra: Christian Lausen [mailto:CLA@delta.dk]", "Sendt: 23. august 2013 17:04", "Til: Hans Jørgen Christensen", "Cc: Jes Donneborg", and "Emne: Test of air heating solar panels." The body text reads: "Dear Mr. Christensen", "We have now completed the measurements on:", "Sol Fresh 30 from Solárni Ventilace cz, named 'SVCZ'.", "Solarventi SV7.", "SPA3 from Solar Powered Air Heaters LTD, named 'SP'." Below this is a closing: "Venlig hilsen / Vänliga hälsningar / Best regards", "Christian Lausen", "Technician, Centre of Test Excellence", "Test & Consultancy". At the bottom, contact information is provided: "DELTA | Nordborgvej 81 | 6430 Nordborg | Denmark | madebydelta.com", "cla@delta.dk | tel: +45 72 19 40 00 | mobile: +45 29 40 48 18". A red Delta logo is on the right. A footer line says: "We help ideas meet the real world | customercentre@delta.dk | tel: +45 72 19 45 00 | delta.dk". The Windows taskbar at the bottom shows the Start button and several open applications, including "Indbakke - Microsoft ..." and "SV: Test of air heatin...".

SV: Test of air heating solar panels. - Meddelelse (HTML)

Filer Rediger Vis Indsæt Formater Funktioner Handlinger Hjælp

Besvar Svar til alle Videresend

Fra: Christian Lausen [mailto:CLA@delta.dk]
Sendt: 23. august 2013 17:04
Til: Hans Jørgen Christensen
Cc: Jes Donneborg
Emne: Test of air heating solar panels.

Dear Mr. Christensen

We have now completed the measurements on:
Sol Fresh 30 from Solárni Ventilace cz, named "SVCZ".
Solarventi SV7.
SPA3 from Solar Powered Air Heaters LTD, named "SP".

Venlig hilsen / Vänliga hälsningar / Best regards
Christian Lausen
Technician, Centre of Test Excellence
Test & Consultancy

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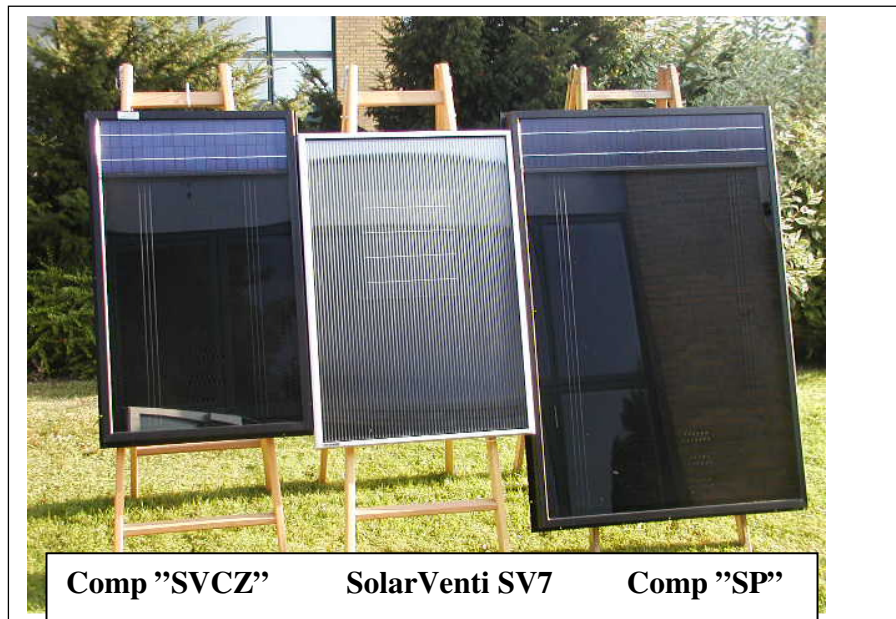


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Test of air heating solar panels.

Task reference: T205234-3

Solarventi A/S
Hans Jørgen Christensen
Fabriksvej 8
8881 Thorsø



Report by: Christian Lausen, Tel.: +45 2940 4818
Test engineer, Centre of Test Excellence

Report date: 2013-08-21

Number of pages: 5

Report no.: 205234-3

DELTA

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About Delta

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We pride ourselves of being at the forefront of innovation of advanced technologies. And we serve as a strategic partner to our clients and society.

We are the technology pathfinder within our cores technology domains and specialise in

- electronics
- information technology
- micro and nano technology
- sensor systems
- acoustic and vibration technology
- light technology and optics

The company was established in 1941 and employs 270 highly skilled people located in Denmark, Sweden, and England. Our annual turnover in 2011 was DKK 327 million.

With more than 70 years of experience we have extensive expertise in development of technology driven products within sectors such as health and welfare technology, climate, energy and the environment. Every year we help more than 2,000 customers worldwide with their product development process from product idea, product extreme testing to product launch.

DELTA is a highly reputable international company and part of GTS – Advanced Technology Group approved by the Danish Ministry of Science, Innovation and Higher Education.

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Products Tested

| Panel | Width | Height | Thick | Area | Weight | Fan | Solar cell |
|----------------|-------|--------|-------|----------------|--------|----------------|------------|
| | cm | cm | cm | m ² | Kg | | Wp |
| "SVCZ" | 65 | 105 | 7,5 | 0,68 | 14 | ADDA 3,6 Watt | 14 |
| Solarventi SV7 | 70 | 100 | 5,5 | 0,70 | 7 | Sunon 3,4 Watt | 12 |
| "SP" | 95 | 140 | 7,5 | 1,33 | 29 | ADDA 6,6 Watt | 20 |

Test set up

The solar panels are mounted according to manufacturer specifications and set 70° upright, facing south.

The panels are set to produce the highest possible ventilation from fresh air.

The measurements were performed Friday 23 of august.

Measuring

The measurements are simple relative measurements that only speak of how the panels perform relative to each other, under the specific conditions of the day.

The strength of the solar radiation, sun azimuth and height, amount of clouds and air temperature makes it impossible to make absolute measurements with the real sun.

On the other hand absolute measurements, made in a weathering chamber, would lack the changing reality of nature.

The temperature difference produced by the solar panel, and the airflow produced by the fan, is measured by an anemometer tube equipped with a temperature gauge.

The three sets of anemometer tubes (one for each solar panel) have been internally calibrated. As well have the temperature gauges.

The uncertainty of the measurements are as follows.

Temperature $\pm 0,1^{\circ}\text{C}$

Air flow $\pm 2\text{m}^3/\text{h}$

Power $\pm 20\text{W}$

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| | Temp. | | | Relative Efficiency | Power (1m ²) w/m ² | Power (unit) w/unit | Air flow /Unit m ³ /h |
|----------------------|-----------|----------|------------------|---------------------|--|------------------------|--|
| | Out °C | In °C | Difference °C | | | | |
| Measurement 1. 08.30 | | | | | | | |
| Comp "SVCZ" | 22,1 | 19,2 | 2,9 | 0 | 0 | 0 | 0,0 |
| Solarventi | 22,2 | 19,2 | 3 | 100 | 35 | 24 | 22,6 |
| Comp "SP" | 22,5 | 19,2 | 3,3 | 27 | 9 | 12 | 10,4 |

Measurement 2. 08.45

| | | | | | | | |
|-------------|------|----|-----|-----|----|----|------|
| Comp "SVCZ" | 24,7 | 20 | 4,7 | 4 | 2 | 2 | 0,9 |
| Solarventi | 23,6 | 20 | 3,6 | 100 | 54 | 38 | 29,2 |
| Comp "SP" | 25,7 | 20 | 5,7 | 94 | 51 | 68 | 32,9 |

Measurement 3. 09.30

| | | | | | | | |
|-------------|------|------|-----|-----|-----|-----|------|
| Comp "SVCZ" | 26,6 | 20,6 | 6 | 6 | 8 | 5 | 2,4 |
| Solarventi | 26,2 | 20,6 | 5,6 | 100 | 132 | 92 | 45,7 |
| Comp "SP" | 28,6 | 20,6 | 8 | 67 | 88 | 117 | 40,6 |

Measurement 4. 09.50

| | | | | | | | |
|-------------|------|------|------|-----|-----|-----|------|
| Comp "SVCZ" | 29,5 | 20,8 | 8,7 | 48 | 74 | 50 | 16,0 |
| Solarventi | 26,3 | 20,8 | 5,5 | 100 | 154 | 108 | 54,4 |
| Comp "SP" | 31 | 20,8 | 10,2 | 84 | 129 | 171 | 46,6 |

Measurement 5. 10.50

| | | | | | | | |
|-------------|------|------|------|-----|-----|-----|------|
| Comp "SVCZ" | 33,3 | 22,3 | 11 | 37 | 110 | 75 | 18,9 |
| Solarventi | 31 | 22,3 | 8,7 | 100 | 298 | 208 | 66,5 |
| Comp "SP" | 34,8 | 22,3 | 12,5 | 56 | 167 | 221 | 49,2 |

Measurement 6. 12.00

| | | | | | | | |
|-------------|------|----|------|-----|-----|-----|------|
| Comp "SVCZ" | 34,5 | 22 | 12,5 | 30 | 138 | 94 | 20,8 |
| Solarventi | 32,6 | 22 | 10,6 | 100 | 458 | 320 | 83,9 |
| Comp "SP" | 37,6 | 22 | 15,6 | 46 | 211 | 281 | 50,0 |

Measurement 7. 13.00

| | | | | | | | |
|-------------|------|------|------|-----|-----|-----|------|
| Comp "SVCZ" | 39,4 | 23,5 | 15,9 | 35 | 181 | 123 | 21,5 |
| Solarventi | 35,3 | 23,5 | 11,8 | 100 | 511 | 357 | 84,1 |
| Comp "SP" | 43,6 | 23,5 | 20,1 | 56 | 288 | 384 | 53,0 |

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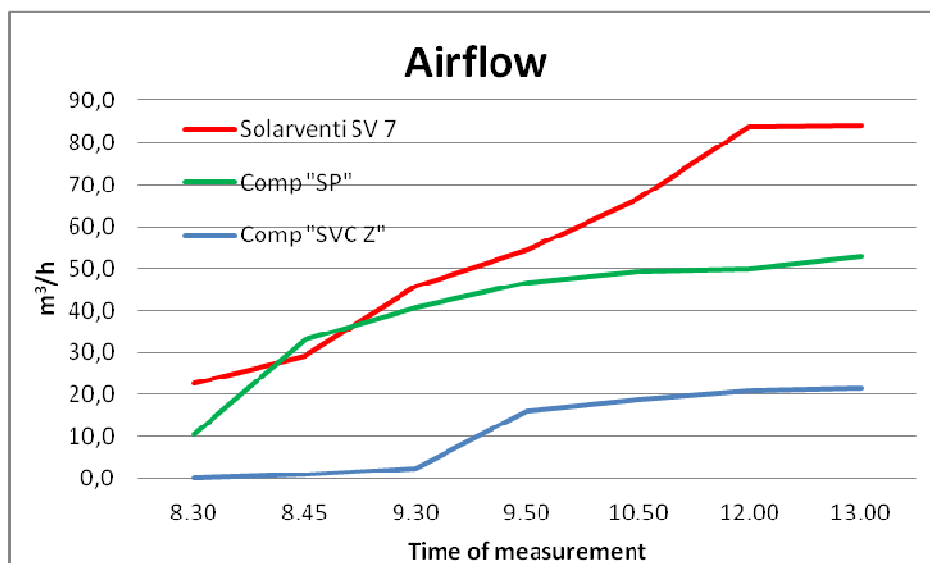
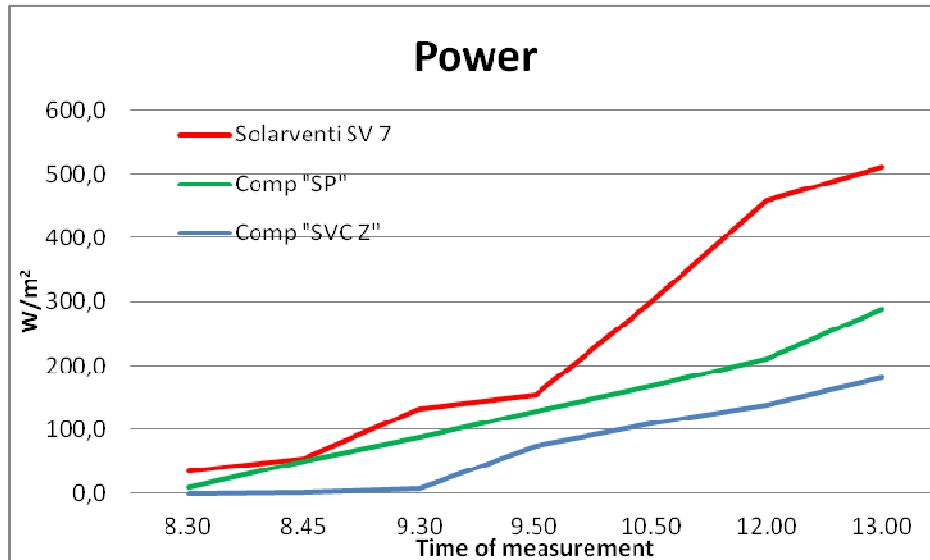
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