

Newsletter February 2017

ClimaCheck 6th International Training

Performance Analysing in refrigeration and air conditioning systems.



April 6-7, 2017 in Stockholm, Sweden.

Learn the latest in Optimisation and early warning.

Venue: Ljunglöfska Slottet, "The Castle of Ljunglöf", Situated 20 minutes from city center. Bookings through ClimaCheck: training@climacheck.com Phone: +46 8 50 255 250

The castle is a beautiful building from 1893 located at the lake shore of lake Mälaren and rooms are available at the conference venue.

Certification from ClimaCheck training is required to be listed as "ClimaCheck Partner".

ClimaCheck Sweden arrange a two-day Technical Training Course, focus:

Level 1 - This training is aimed for technicians and engineers who has no or limited experience of ClimaCheck analyses. It covers the basics of ClimaCheck performance analyses. How to use ClimaCheck and how to interpret results.
Level 2 - Focus on ClimaCheck optimisation and reporting for those who has practical experience from a number of measurements and want to develop the skills to measure and analyse more complex systems. Focus is on trouble shooting, optimisation.

Reserve your place to ensure availability. (Maximum 20 participants per level will be accepted).

Register before March 5th at training@climacheck.com

Content of international training.

Lecturers from ClimaCheck and experts in the ClimaCheck network will share 30 years of experiences from thousands of measurements. Some sessions will be common and others will be split in groups based on prior experience.

- Particular focus 2017 training will be on "early warning and detection" - <u>setting limits and alerts for deviations in</u> <u>efficiency and deviation from a plants energy signatures</u>.
- System Efficiency Index and energy signatures
- Practical Measurements and Evaluation of Data
- Use of ClimaCheck hardware, software and website
- Presentation of measurements, results and cases reporting

For more information visit <u>www.climacheck.com</u>

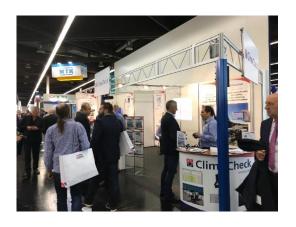
ETC & ClimaCheck arranged Lunch & Learn in Salt Lake City, USA



In connection with that ClimaChecks CEO, Klas Berglöf, visited US for the Ashrae conference and AHR. ETC Group took the opportunity to arrange a Lunch&Learn in Group in Salt Lake City, Utah. More than 30 participants from equipment owners, consultants and contractors listened to ETC's Technical Director, Glen Anderson, who introduced ClimaCheck and presented success stories that resulted in ETC's decision to incorporate ClimaCheck as a core technology in their optimisation projects in chiller plants. Klas presented the ClimaCheck technology and international experiences. ETC use ClimaCheck to establish baseline for air conditioning and refrigeration plants to identify optimisation opportunities as well as to trouble shoot chillers supermarkets and industrial plants. The presentations were followed by Q&A from the participants.



ClimaCheck at Chillventa 2016



ClimaCheck was exhibiting at Chillventa in Nuremberg, Germany October the 11th to 13th. We want to say thank you to all our distributors, partners and customers for visiting us and exchanging experiences.

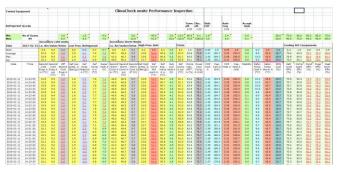
New Product

We are updating the expansion module for extra temperatures where we have used the RTD04 module for many years but are now changing to a new unit RTD-MIO (part no. 500 600) that comes with a display to show measured values at the same as we can offer a 25% lower price. This unit can replace the RTD04 in all applications and we will only supply this unit from now on. RTD-MIO will also be used for ClimaCheck onsite portable systems.

	RTD- MIO Part no.	Replace Part no	List Price Euro
Without housing	500 600	300 600	304.5
Housing IP55	500 611	300 611	415



New templates



We have updated all standard templates with the latest SEI analyses and standardised the colour schemes for visualisation of data between ClimaCheck onsite and ClimaCheck online.

We continously work with enhancing the visualisation and early warning alerts in our system. We use advanced analyses of efficiencies in ower all systems as well as sub efficiencies to identify and pinpoint any deviations.

Monitoring changes in Energy signatures offer early detection for leaks and other issues including changes in set-points.

