



8th IIR Gustav Lorentzen Conference on Natural Working Fluids

København, 7. – 10. september 2008

Refrigeration and Energy – The Natural Choice

Technical Visit 2 (TV2)

Transcritical CO₂ refrigeration booster system for Coop Supermarket

The installation is a transcritical CO₂ system for a 1.130 m² Coop Supermarket with net cooling capacity of 74,1 kW at medium temperature (operating with 5 compressors) and 29,2 kW at low temperature (operating with 2 compressors). Compressor Pack system in a compact design. Medium and low temperature refrigeration cabinets are designed for CO₂ operation.



A picture from the installation

Programme

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|-------|---------|--|
| 13:45 | 25 min. | Short introduction (in room 208 at the Conference Center)
By Finn Christensen, Knudsen Køling A/S |
| 14:10 | 40 min. | Transport by bus to Coop SuperBrugsen Trekroner |
| 14:50 | 60 min. | Besigtigelse af shop and refrigeration system in SuperBrugsen Trekroner
By Finn Christensen, Knudsen Køling A/S |
| 15:50 | 40 min. | Transport by bus back to Conference Center |
| 16:30 | 30 min. | Follow-up / discussions and questions (in room 208 at the Conference Center)
By Finn Christensen, Knudsen Køling A/S |
| 17:00 | | End of Technical Visit 2 (estimated) |

Limitations:

Because of practical limitations the maximum number of participants is set to 30 persons.

Adress:

Coop SuperBrugsen Trekroner, Trekroner Centervej 51, DK 4000 Roskilde

References:

Coop: www.coop.dk (only in Danish)

Knudsen Køling A/S: www.knudsenkoling.com