





EcoDesign Directives

Motivation and target are mentioned in each Directive

Example light bulbs

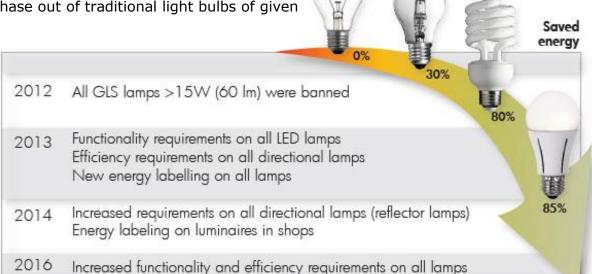
Directive 244/2009

Motivation: avoid increase in energy consumption for light bulbs. was 112 TWh in 2007 (45 Mt CO2), would increase to 135 TWh in 2020 if no measures are taken.

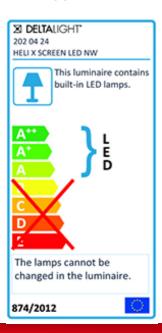
Target: Create savings of 39 TWh in 2020.

This was done by

Limiting the max power consumption for lamps of given brightness. stepwise phase out of traditional light bulbs of given wattage.

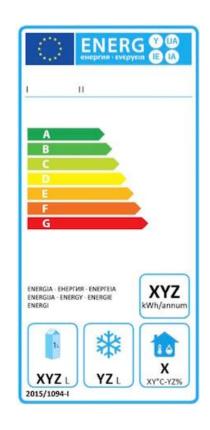


Introducing an Energy label for lamps.



Eco Design Directive



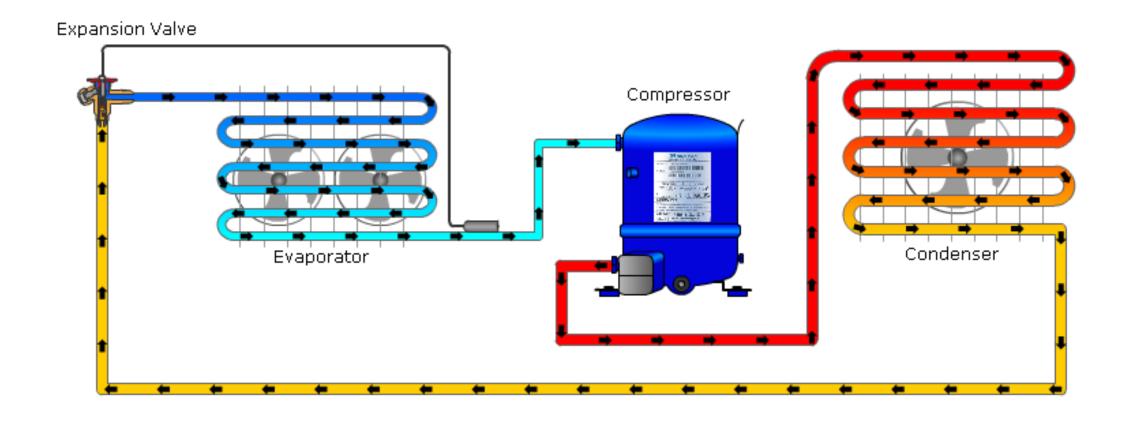






Refrigeration Circuit

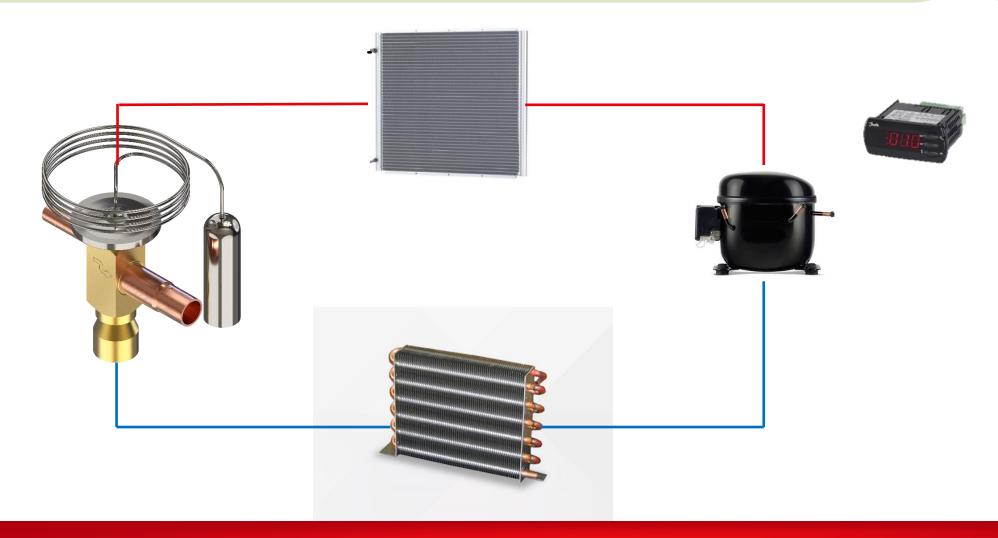






Refrigeration Circuit







Application Development Centers For customers and Danfoss engineers





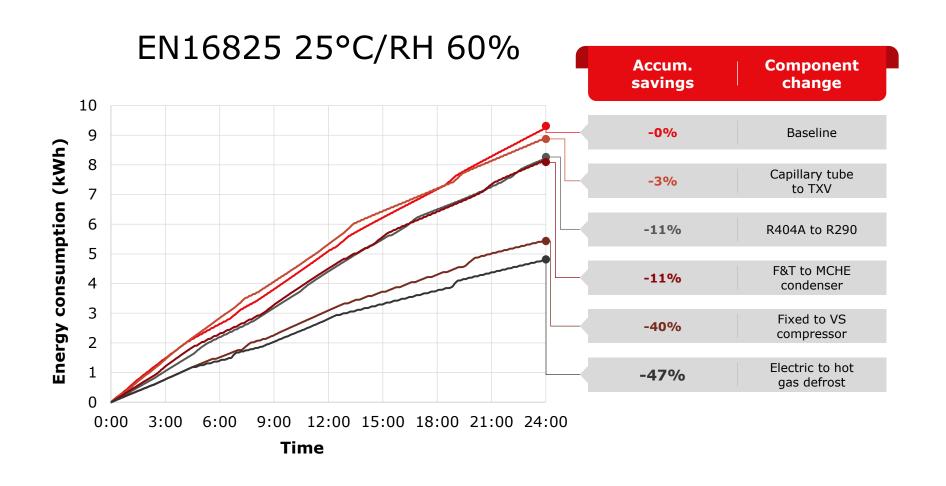
- Equipped for testing units up to a size of ~25 kW in psychrometric chambers.
- Specialized in experimental test set up
- 4 global Danfoss Cooling Application Development Centers across the world

- Laboratory capacity and industry-leading application knowledge
- Refrigeration and Air conditioning products, components and applications
- All Application Development Centers are equipped to test units with flammable refrigerants



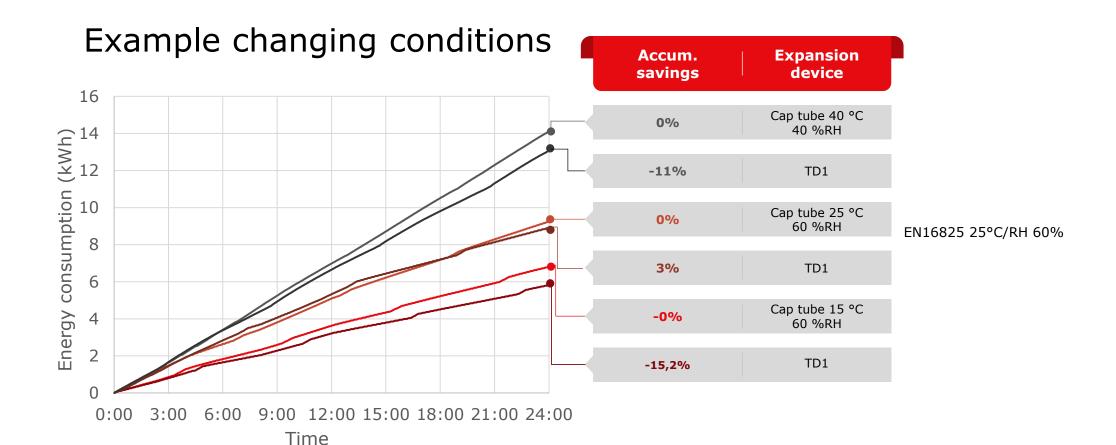
Test results





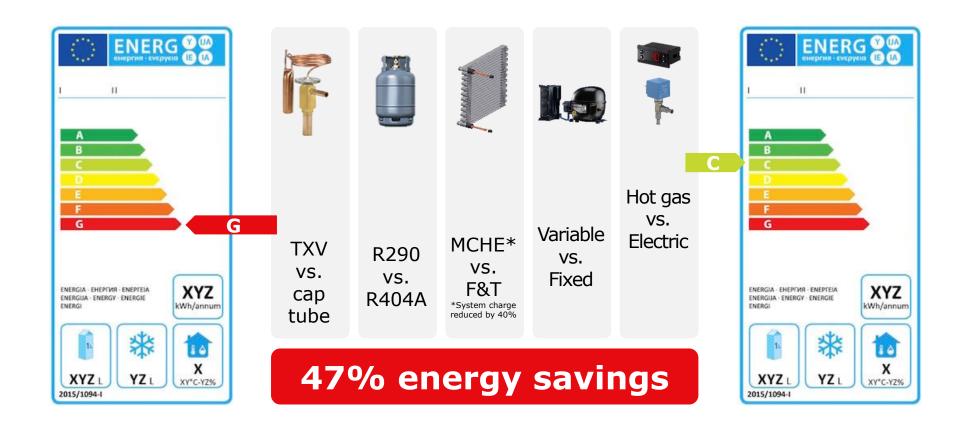
Test results





Energy efficincy







Hall 7A



