

# Cutting Edge Technology In Refrigeration

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## new inverter technology

The inverters are used to vary the speed of the compressor to match the cooling capacity to the amount required

## electronic expansion valve

Nothing new about the Danfoss electric expansion valve but it is essential to control the varying refrigerant flow from the compressor through the large evaporator for maximum efficiency.



## computer systems

- The data for the control system can now be shared with a central computer
- the data can then be uploaded onto your own website
- this site can be accessed anywhere by anyone with the password

The welvent fridge hasn't really changed in shape for nearly 20 years however it has continued to evolve into the very efficient machine it is now.



## controls and new software developments

New software developments now provide control over the fridge output temperature providing a digital output to the inverters



## compressors

High efficiency compressors are the heart of the system

