

## CHILLING FACTS 2010

### The Supermarket Refrigeration Scandal Continues

#### CHILLING FACTS SURVEY – SUPERMARKET LEAGUE TABLE

Supermarkets	Points 2010 <i>(Plus 2009 ranking)</i>	Good Points	Not so good...
<b>1. WAITROSE</b>	<b>60/100</b> <i>(12/100)</i>	Commitment to roll out HFC-free refrigeration in all new stores and major refurbishments; Innovative leakage reduction measures; trialling HFC-free options for transport refrigeration	No deadline for total HFC phase-out; As yet only have three out of 197 stores fully running on HFC-free technology.
<b>2. TESCO</b>	<b>55/100</b> <i>(32/100)</i>	Ambitious near term plans to reduce leakage and introduce HFC-free refrigeration in 120 stores; Pioneering use of HFC-free systems in developing countries; Good work raising awareness of the issue.	As the UK's biggest food retailer they are also by far the biggest HFC emitter; Commitment to HFC-free refrigeration roll out is dependent upon further trials; No firm HFC phase-out date set.
<b>3. M&amp;S</b>	<b>46/100</b> <i>(42/100)</i>	Have installed CO <sub>2</sub> based systems in 13 stores; Given a date by which final HFC phase out will be complete; Established a training school to tackle skills shortage.	Not enough being done on HFC-free transport refrigeration; Need to move away from reduced HFC to HFC-free systems in-store.
<b>4. SAINSBURY'S</b>	<b>44/100</b> <i>(20/100)</i>	Have committed to phase out HFCs by 2030; Increased focus on training of engineers to meet this target; Planning seven HFC-free stores in coming year and 135 by 2014.	Don't publish their refrigerant emissions data; Still have a quarter of stores running on ozone depleting HCFCs; Don't give information on leakage rates.
<b>5. LIDL</b>	<b>33/100</b> <i>(0/100)</i>	Impressive roll out of HFC-free freezers, 1/3 now HFC-free; Drop in direct emissions despite an increase in number of stores; Innovative development of climate-friendly frozen food transportation.	Behind the pack by using HFCs in distribution centres; Disappointing reliance on HFC chillers-however they claim to be considering HFC-free alternatives; Don't send contractors on training courses.
<b>6. MORRISONS</b>	<b>32/100</b> <i>(17/100)</i>	Have installed CO <sub>2</sub> based systems in 21 stores; Retailer will most amount of stores converted to climate friendly alternatives so far; Have designed a training workshop.	Lack of transparency in data reporting; Unwilling to trial chiller doors; Need to move away from reduced HFC to HFC-free systems.
<b>6. ASDA</b>	<b>32/100</b> <i>(24/100)</i>	Good apparent in store energy savings; Consistent leakage reduction; Improved training initiatives.	Reneging on previous commitments to phase-out HFCs; As the UK's second biggest retailer they are worryingly behind the leaders; No new HFC-free stores since last survey.
<b>8. MIDLANDS CO-OPERATIVE</b>	<b>28/100</b> <i>(NA)</i>	Good leakage reduction; Developed HFC-free systems suitable for smaller stores; Committed to HFC-free system purchasing policy from 2010.	Unnecessary use of HFCs in distribution centre; 95% of all refrigerant used is still HFC; Need to set future leakage reduction targets.
<b>9. CO-OP GROUP</b>	<b>19/100</b> <i>(23/100)</i>	Adopting HFC-free freezers; Have reduced leakage rates this year; Lower direct emissions from leaking refrigerant.	Heavy reliance on ozone depleting HCFCs in distribution centres; Have recently refitted lots of stores with HFC-based refrigeration; Unclear data reporting
<b>10. ICELAND</b>	<b>14/100</b> <i>(0/100)</i>	low reported leakage; Some good energy savings	Not proactive at all; Incorrectly commercially produced HFC-free options are not available; Claim restrictions on quantity of hydrocarbons used limits their use-despite the fact other supermarkets are using them widely
<b>11. ALDI</b>	<b>6/100</b> <i>(1/100)</i>	One entirely HFC-free store; Have used HFC-free freezers since 2007; Doing good work in Germany	Didn't complete survey so very limited info; Need to take this issue more seriously