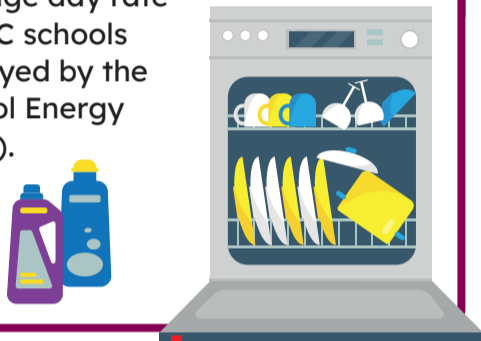


# School Kitchen Energy Saving Tips

## 1. Hot trolleys and dishwashers

- Switch hot trolleys and dishwashers on 90 minutes before service, not the start of the day. This can save two hours of operation per day.
- As a typical hot trolley is rated at 3kW, this measure could equate to £563 in savings on the school electricity bill every year (presumes 190 school days in a year and a cost of 43.3p per kWh – this is the average day rate of ECC schools surveyed by the School Energy Team).



## 2. Extractor fans

- Turn fans off when cooking has finished
- Tailor fan speeds to cooking patterns rather than automatically switching on to full.

## 3. Refrigerators and freezers



- Set temperatures appropriately – refrigeration temperatures set 1°C too low can increase running costs by 2 to 4%.
- Ensure temperature setting satisfies requirements for safe storage of food
- Check freezers and run down stock at the end of each half term, allowing empty freezers to be switched off during half-term week.
- Clean and empty fridges just before holiday periods. Check what can be frozen. Switch off empty fridges.

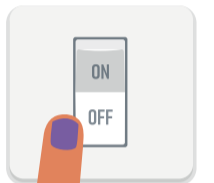


## 4. Batch bake cookies

- If your menu is a two-week rotation, you can double up the recipe and cook two lots of cookies in one bake sitting, saving you time and energy.

## 5. Switch off the storeroom light

- As this is a dip in and dip out area, the light is nearly always left on. Focus on turning the light off after you exit.

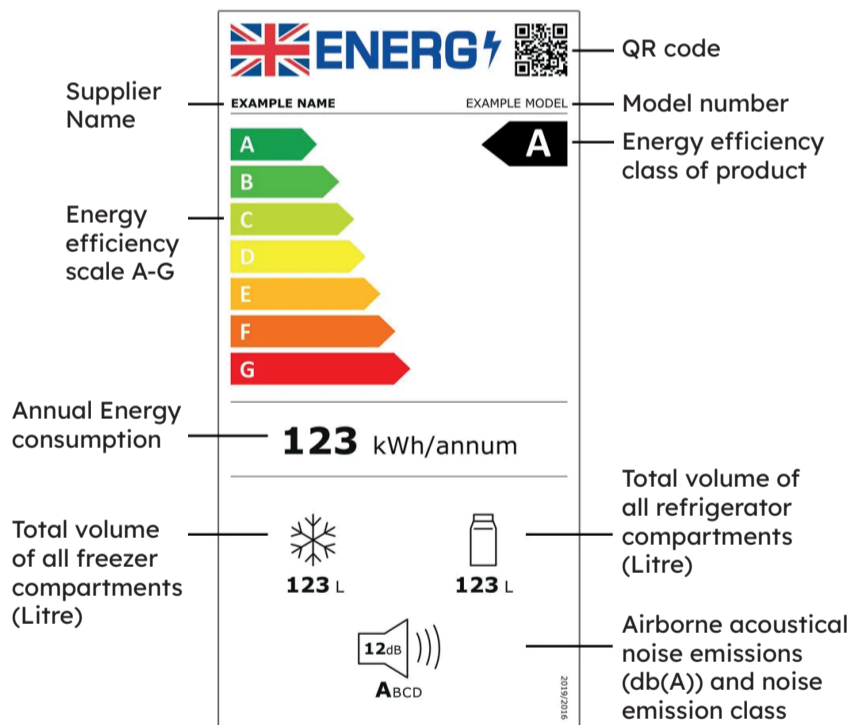


## 6. Energy Saving

When buying new catering equipment, look at the energy rating and label, it may be worth waiting for a more efficient freezer to be within your budget.

Each purchase of a fridge, freezer, dishwasher, washing machine or washer dryer should be considered alongside the products energy label. Energy labels for fridges and freezers will show the expected annual energy consumption. Multiply this number by your school's electricity rate to calculate the annual cost of your purchase.

### Example of the current energy label



### A comparison of two commercial 600L freezers:

	Freezer A	Freezer B
Capacity (Ltr): actual / usable	600 / 376	600 / 469
Energy Label Rating	D	B
Annual kWh Consumption	2,054	989
Annual cost (Presumes a cost of 43.4p per kWh)	£891	£429

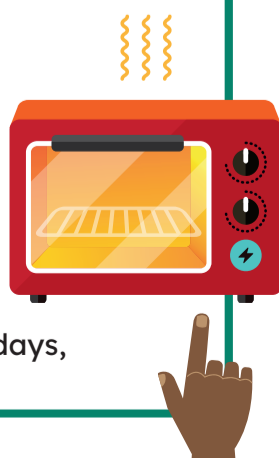
Freezer B has a £462 annual saving and has 93L of extra capacity – these benefits can be achieved by simply taking the time to compare like-for-like products and make use of their energy labels.

Use this [online tool](#) or scan the QR code, to compare several products against each other and choose the most energy efficient and cost-effective option.



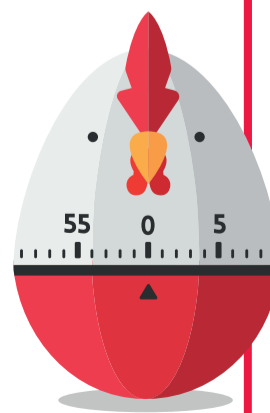
## 7. Have an energy efficient routine

- Adapt your morning routine to save energy
- Take a moment to think: do I need to switch this on right now? Taking the time to assess your energy usage can make all the difference when applying it to several machines, over several days, weeks and months.



## 8. Cooking times

- Many modern ovens, fryers and hot cupboards will warm up in under 10 minutes. Only turn them on at the start of the day if you're using them in the first 15 minutes
- Investing in newer ovens means reduced cooking times and less energy used.



## 9. Reduce your waste

- Keep food waste separate from recycling.

## 10. Picnic days

- Consider implementing a 'picnic day' periodically where no hot food will be provided.
- School meals for that day can consist of sandwiches or other ready-to-eat foods.

