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Are you **wasting money?** ...if you have a cold store, **you might be.**



Cold stores are a major cost for many farmers, an older and more inefficient one will definitely be causing you problems.

There are a few ways to make sure your cold store is performing correctly.

Have you heard of submetering? If you haven't that is how you work out the specific energy consumption of your cold store. And for many older cold stores, submetres are not built in – they will require temporary installation.

Additionally, there are more obvious things that can impact the performance of your cold store, such as poor door control – meaning that doors are loose fitting, allowing warmer air to get in and costing you money.



Head to the second page for a quick checklist that you can use.



15% of all global electricity is used for refrigeration. You can reduce costs and help the environment; all you need to do is get in contact with the team at Business Lincolnshire and we will help you.

Get in touch



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Cold Store Checklist

Use this checklist below to assess your cold store.



1. Your Energy Consumption

Using a submetre and the equation to the right, you can work out your specific energy consumption.

Specific Energy Consumption

$$\frac{\text{Energy (kWh) / Year}}{\text{Volume of store (m}^3\text{)}}$$

2. Temperature control

When was the last time you checked the sensors of your temperature control? It is common for them to be displaced and measure incorrectly, resulting in 'warm spots' that are not noticed. Make sure all sensors are spread evenly across the cold store, not gathered behind objects or pushed against the walls.

3. Door control

Effective door control is key to maintaining temperature. It is not unusual for farm workers to leave doors open for extended periods of time while they work within a cold store, this should be minimalised where possible. Seals and tightness should also be checked periodically to ensure correct fit.

4. Structural Integrity

Checking the base of the cold store both internally and externally will help you check for leaks as well as reduce the risk of pest infestation. If you have pooling water in your cold store, this can be a result of either a leak or condensation due to warm air entering the building.

Watch our video about cold stores by visiting the Business Lincolnshire website using this QR code

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