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FLOORVENT COMBINES EFFICIENCY AND VALUE

Grain store operators can achieve highly cost effective grain cooling using Martin Lishman Ltd's latest FloorVent system, which is simple to install and vents hot air directly to atmosphere for optimum cooling.

Much of the preparatory work for installing the system in new stores or new floors can be completed using standard materials sourced from building merchants, which can greatly reduce installation costs.

The system is developed from the version of Pile-Dry Pedestal that Lishmans offers to vent storage bins, but can now be rolled out into much larger floor stores.

It comprises fixed pedestal sections spaced out across the store, which are linked by an under-floor vent to fans located outside the store wall. These draw warm air out and discharge it to atmosphere, so it can be replaced by cool air drawn in through the building's louvres:

“This avoids the risk of warm air being drawn back into the grain store, which helps make cooling more efficient. The system is already proving to be highly effective, even in a comparatively warm autumn”, says Ian Clayton-Bailey, Lishman's Sales Director.

“In one of the first stores to run the system this autumn, grain coming into store in late August at around 28 degrees C was cooled to just above 10 degrees C by the second week of October.

“As a result the farmer might be able to turn off cooling fans off a full six weeks earlier than previously, which is a huge cost saving, while also ensuring the grain stays in better condition in store”.