



## Summary

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|------------------------|------------------------|
| <b>Industry:</b>       | Food - Prepared Foods  |
| <b>Application:</b>    | Air Knife Optimisation |
| <b>Actual Saving:</b>  | £28,990                |
| <b>Payback Period:</b> | n/a                    |



## Premier Foods

A cost saving application for the use of Air Knives

### ISSUE

An opportunity for a cost saving was identified by Wil Woodrow - ERIKS Contract Manager. A food processing plant was using some older style of Air Knives on the production lines, for the drying of cans. The older style knives were not giving optimum drying, nor were they cost effective. ERIKS conducted a full site survey of all areas in which air knives were being used, with its in-house fluid power specialist, Andrew Taylor. The next step was for ERIKS to involve Silvent, a leading air knife manufacturer, along with an application engineer. ERIKS, Silvent and the application engineer visited site to discuss the correct positioning and angle of all air knives, across the production lines.

### SOLUTION

Through the expertise of ERIKS King's Lynn a full detailed survey was compiled for Premier Foods. We found by changing to our recommendation the potential saving would be in excess of £25k. ERIKS worked closely with Silvent, a leading supplier of Air Knives and with their input, a full detailed report was presented to Premier Foods, explaining the benefits of changing to our recommendation. We found that within the factory air knives were either not fitted, the positioning was incorrect or the wrong air knife was being used.

### OTHER BENEFITS

### FURTHER COMMENTS...

ERIKS employed a specialist engineer to carry out a full improvement on air knives across the Long Sutton site. The air knives were installed at the correct position and angle which had been detailed by Silvent. After two days on site installing the job was completed and the cost saving to site began.

### MORE INFORMATION

#### ERIKS Industrial Services

Amber Way, Halesowen,  
West Midlands B62 8WG

Tel: 0845 006 6000

Web: [www.eriks.co.uk](http://www.eriks.co.uk)

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