



Summary

Industry: Pharmaceutical
Application: Air Drying Application
Actual Saving: £
Payback Period: 5 Months



Energy Savings on Wash-down Process

ERIKS know-how provides the optimum solution

ISSUE

A pharmaceutical plant in the North East were looking to reduce energy costs, while carrying out a site survey we identified a process which carries out the wash down of hygienic storage bins. The process involves that these units are washed and then dried prior to being used again, a compressed air system is used for drying.

SOLUTION

ERIKS pump technology investigated the application and found that the existing system was highly inefficient. The holes which allowed the air to flow were far too small requiring more energy to overcome the massive losses. The calculated amount of energy being used for this process was 185kW.

We suggested that using an air knife system with modern blower technology to create a laminar curtain of air would be more precise and reduce the energy consumption to approx 25kW.

The suggested solution, blower & air knife system, including all installation costs would have a pay back period of just five months

OTHER BENEFITS

- In-house technical support

FURTHER COMMENTS...

By proving to our customer a good knowledge of pumping systems we are able to advise on a wide array of systems, identifying the right product for the system/application and advising on potential cost savings

MORE INFORMATION

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know-how makes the difference

