



Summary

Industry:	Food - Dairy
Application:	Energy Saving on Chilled Water Circuits
Actual Saving:	£9,680.00
Payback Period:	n/a



Efficient Chilled Water Pumps For Mushroom Grower

ERIKS supply pumps with temperature sensors to reduce energy costs

ISSUE

A leading mushroom grower currently operates five fixed speed centrifugal pumps within their growing sheds, to pump chilled water around the mushroom growing sheds.

The pumps are of a fixed speed design and pump water irrespective of whether it is required or not.

SOLUTION

ERIKS Pump Technology reviewed the various processes and quickly identified that savings could be achieved by fitting new, more modern, efficient inverter controlled pumps.

ERIKS specified various Grundfos 'E' pumps fitted with integrated inverters for speed control.

In industrial freezing and cooling systems, E pumps with temperature sensors increase comfort and lower operating costs compared with pumps without a temperature sensor.

An E pump continuously adapts its performance to the changing demands reflected in the differences in temperature of the liquid circulating in the freezing / chilled system. Thus the lower demand for cooling, the smaller the quantity of liquid circulated in the system and vice versa.

OTHER BENEFITS

- The pumps offered are fitted with Grundfos MGE energy efficient motors, and all NBE pumps from Grundfos have 100% Enhanced capital allowance and are included on the Governments Energy Technology list

FURTHER COMMENTS...

This application is an excellent example of how ERIKS Pump Technology can examine systems and identify energy saving products which have very clear benefits in real time cost savings to the client.

Carl Lock
Business Development Manager - ERIKS Pump Technology

MORE INFORMATION

ERIKS Industrial Services

Amber Way, Halesowen,
West Midlands B62 8WG

Tel: 0845 006 6000

Web: www.eriks.co.uk