

CRIMPLE FOODHALL



CRIMPLE embraces SUSTAINABILITY

The DK system, installed by Secker & Sons in collaboration with Creative Retail Solutions, was a 1500 litre storage tank with eight internal heat exchangers totalling 72kW of heat recovery. The system will provide 1440 litres of hot water per hour for the busy Bistro and Foodhall. The driving force behind the decision to install heat recovery was to substantially reduce the business's carbon footprint. The added advantage is cost savings in Crimple's power consumption, which more than paid for the Investment in just over a year of operation.

The heat exchangers for the hot water are a twin wall design which is compliant with EN1717 a necessary legal requirement for all drinking water. It ensures that refrigerant and water can never come into contact with one another.

The system is simplicity itself. It is maintenance free (having no moving parts) and is highly efficient due to the innovative design of the heat exchangers that can remove up to 100% of the energy produced by the refrigeration plant.

Graham Watson Owner of Crimple
& Nigel Upson DK Heat Recovery



The system will provide 1440 litres of hot water for every hour that Crimple is open. Looked at annually that could be as much as 6,200,000 litres of hot water.

The annual energy saving would be 367,000 kWh per year or more importantly for Crimple's green credentials, it saves **80 tonnes of carbon a year**

The monetary savings could be over **£29,000 per annum** at the current Energy Price Guarantee (April—July 23).

