

Pipex px[®]

Producing excellence

Carbon Abatement Systems...



Free Cooling Chiller Unit



Corrosion Resistant PP-H CAT Systems

Pipex px[®] design, manufacture and install Carbon Abatement "Free Cooling" systems providing building owners and operators significant energy, carbon & £ savings.

The Abatement Systems provide a closed circuit PP-H system carrying chilled water which is cooled by utilising the properties of the outside climate. This reduces the need for high cost air conditioning systems so is ideal for data centres that require their "super computers" to be kept at an optimum operating temperature and need to prevent over-heating

px

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Pipex px® Product Case Study

In 2010 Pipex px® installed a Free Cooling CAT System at The Met Office weather forecasting HQ data centre in Exeter, related to their chilled water requirements for the operation of their IBM super-computers.

The total predicted free cooling will now be **8,000,000kWh** per annum. The annual saving will be **£268,500.00** with a **payback of 2.7 years**. **1329 Tonnes of CO2** will be saved in the first year's running with an average energy claw-back of **£734 per day**, contributing to Met Office environmental and lean operational aims.

Met Office, Exeter.

Applications

- px Data Centres
- px Hospitals
- px Office Buildings
- px Banks
- px MOD

px



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MANUFACTURING
EXCELLENCE



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