



flexIBLE COOLING FOR AGILE BUILDING EXPANSION



THE CHALLENGE

New expansion plans to increase capacity for a multinational pharmaceutical company in France meant it was difficult to invest in a new process cooling system for their plant. They needed to find a way to focus capital expenditure on the site construction while budgeting for a fixed manageable equipment cost.

The manufacturer required a top-quality hire solution with very stringent air quality requirements in the production process needed to ensure end-product quality. Not only did the air have to be clean, but it also had to maintain correct temperature and humidity levels, be odourless, and contain the right amount of fresh air.

Aligning with the flexibility needs of the pharmaceutical company, the turnkey hire solution with the option to have the latest and most energy efficient temperature control equipment with maintenance and breakdown cover included for a monthly subscription and no capital expenditure, was the perfect solution.

THE SOLUTION

After a very positive first experience with ICS Cool Energy hire, the customer entrusted our application experts to carry out a thorough survey to define the requirements of the different building zones. The team provided a complete turnkey solution including the design, supply, commissioning and maintenance of a reliable and precise temperature and humidity control installation.

One high performance chiller was installed along with two Air Handling Units (AHUs) to cool the air using cold water with great flexibility and scalability. The AHUs also control airborne pathogens and dust through air filtration, control space pressure, and maintain temperature and humidity.

An efficiency plan was also implemented to minimise energy consumption and reduce costs. Our team installed a heat recovery system on the exhaust air-handling unit allowing to maintain the blowing temperature in winter.

Finally, the customer received all cleaning and maintenance services that play a major role at any pharmaceutical plant.

Our hire team offered a FLEX Membership contract to help the business build resiliency and agility for their process cooling assets.

Instead of investing in static cooling equipment for their facility extension, the pharmaceutical company selected a 5-year turnkey service solution to adjust to their new expansion needs:

- No upfront cost and positive cash flow
- Zero risk and maximum flexibility
- Easy switching to more powerful equipment
- The latest technology
- Minimised running costs and a fixed monthly rate
- Security of compliance
- Full maintenance and warranty cover

THE RESULT

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Above: new high performance chiller and two air handling units sited on rooftop to serve pharmaceutical plant in France



FLEX - THE FIXED LONG-TERM HIRE PROGRAM

- FLEX your capital
- FLEX efficiency upgrades
- FLEX capacity
- FLEX your contingency plans
- FLEX your risk

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Our International Offices: England and Wales: 0800 774 7426 | Ireland: 04692 52934 | Scotland: 01698 7445 40 | France: 01 60 66 80 83
Germany: 0800 0116 0117 | Netherlands: 088 258 2580 | Belgium: 0800 29 110 | Austria: 01236 81 73 | Switzerland: 055 505 66 22



UK HIRE: 0800 840 4210

ICSCOOLENERGY.COM