



Ask these questions to determine if you have a requirement for **CYMAP Mechanical**

Q: Do you need to calculate heating losses and gains by room, by zone and for a whole building?

A: CYMAP analyses heating losses and gains by room, by zone and for the whole building.

Q: Do you need to forecast annual Energy consumption and be able to estimate running costs?

A: CYMAP enables the forecasting of energy consumption and estimates running costs.

Q: Do you need the facility to test different Energy solutions to find the best solution for your client?

A: CYMAP not only has the facility to test different energy solutions, but it can also compute and report on energy target analysis

Q: Do you want to be able to run complex calculations that evaluates..... Combinations of fresh air, mechanical and cross ventilation data?

A: CYMAP enables you to run these complex calculations, evaluating both combinations of mechanical and fresh air data.

Q: Do you require PIPING analysis for heated and chilled water systems?

A: CYMAP caters for the selection and placing of radiators, heaters and fan coil units and the routing of pipe work around and between each floor. All pipe parameters can then be modified as to their size, type, length etc. and other system components such as valves added.

Q: Do you design DUCTWORK and is you company then responsible for the positioning of ceiling grills and diffusers?

A: CYMAP provides comprehensive solutions for ductwork design, from the initial placing of ceiling grills and diffusers to the positioning of duct connections to coil fans etc. CYMAP supports rectangular, circular, flexible, oval and building works ducts. As with piping once the main circuits have been described, the connections to the individual grills can be made automatically.

Q: Do you run psychometric analysis as part of your air conditioning system design process?

A: CYMAP makes this possible. The system can be tested to ensure it performs satisfactorily for a range of weather conditions and internal loads. The system can be fine tuned to produce the most energy efficient control setting, often resulting in significant energy savings.



CYMAP Mechanical

Ability

CYMAP caters for the design calculation of up to 200 separate pipe networks in a single project. Each pipe or duct is uniquely numbered and can be located easily wherever it is on the layout.

File format

- **Import DXF**
- **Export DXF**

Target market / users

- **Building service engineers**

Global positioning

- **Place the drawing in a "global" location to calculate average heating / cooling requirements**