

## **CAD ENGINEER**

As the lead UK air conditioning manufacturer, operating from our state-of-the-art 23,000m<sup>2</sup> manufacturing facility in Rawdon, we work hard to be the best. Established in 1974, we have a strong history of innovation and quality that has allowed us to grow and develop into the world leading global company we are today. In the UK alone we have more than 650 employees and we are growing rapidly; as part of the Modine group we employ over 11,000 employees worldwide.

Our equipment supports the way we live and work, whether it be providing precise climate control for data centres that support our digital lives, or comfortable, clean air in hospital wards. Innovation is key to our success and that is why we invest so heavily in our people. We attribute much of our achievement to the quality of engineers, sales, marketing, finance and administration people who have chosen to be part of our team.

### **The Opportunity**

An excellent opportunity has arisen for a CAD Design Engineer. The role involves working closely with a team of mechanical, electrical, controls, manufacturing and quality engineers to design and develop the structural framework and packaging of new standard HVAC products from concept through to production manufacture whilst maintaining the existing portfolio.

### **The Role**

- The role consists of working as part of a team to develop new product design projects in accordance with APQP (Advanced Product Quality Planning) and relevant SOM guidelines from concept through to full product launch.
- Producing drawings adhering to company, departmental and industry standards
- Creating 3D models, layout drawings and designing pipe-work
- Creating sheet metal manufacturing drawings of piece parts and assembly drawings
- Working to deadlines and cost requirements
- Designing products with manufacturing and assembly in mind, allowing labour targets to be met
- Structuring Bills of Material
- Sourcing appropriate furnishings and casework fittings

### **Skills/Experience**

- Experience of MS Word and Excel are essential
- HNC or Degree qualified in an Engineering or Science based subject
- Previous product design experience
- Sheet metal design experience
- Sheet metal manufacturing experience preferred
- Mechanical engineering knowledge would be an advantage
- Have an ability to use their own initiative
- Able to communicate effectively at all levels
- Ideally experience of the following software:
  - Solid Edge ST9 and later
  - Radan 2D CAD/CAM
  - AutoCAD 2D
  - SAP

Training will be provided for the right applicant to develop the skills and knowledge required for the position.

***Prospective candidates must have proof that they have the right to work in the UK.***