



## **POSITION DETAIL**

**Position:** HVAC Design Engineer

**Department:** Engineering

**Employment Type:** Full Time

**Education:** Bachelors Degree required. Minimum BSME Degree from an ABET Accredited Institution

**Years Experience Required:** 5+ Years

### **Position Summary:**

Develop and design HVAC equipment for aircraft. Lead a design team in coil, fan, condenser sizing, controls of units and ductwork for outdoor fixed and mobile applications. This person would be responsible for the product from concept to completion.

### **Knowledge and Skills:**

- Coil, fan, blower, condenser, ductwork sizing and design
- Develop complete stand alone functional HVAC units.
- Create specifications and documentation for manufacturing of equipment
- Design and MTBF analysis
- Working with third party vendors
- Self-starter who is a team player that enjoys new and challenging projects
- CAD – CATIA, Design works professional preferred

### **Responsibilities and Duties:**

- Lead team to develop HVAC equipment
- Service internal and external customers
- Drawing and BOM creation and maintenance
- Product line quality and design improvements
- Technical troubleshooting and firmware debugging
- Submit and complete scope of work, schedule and budget for projects
- Return Material Analysis evaluation and analysis
- Operations and Maintenance manual input
- Manufacturing work instruction input
- Develop Test Fixtures for Debugging new Hardware and Automated Test Equipment
- Design per National and International Regulatory Requirements; UL, IEC, NEC.

### **Additional Information:**

- Excellent benefits
- Competitive Salary
- Email resume to [hr@tronair.com](mailto:hr@tronair.com)

Equal Opportunity Employer

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