

NOW HIRING

SENIOR CUSTOM DESIGN ENGINEER (Level 3+)

St. Louis, Missouri



Cambridge Air Solutions is seeking a technically creative and design-savvy engineer to collaborate with our team in the design of air solutions and cutting-edge HVAC artistry!

YOUR MISSION AS CUSTOM ENGINEER

At Cambridge Air Solutions (“CAS”), you will have an opportunity to revolutionize indoor air solutions to improve the lives and health of hard-working individuals within manufacturing and distribution environments.

Reporting to our Custom Engineering Manager and in close collaboration with our engineering, sales, and manufacturing teams, you will bring cutting-edge HVAC artistry to life through technical design, project and product management with standard air solutions.

- **DESIGN MANUFACTURABLE HVAC** | This custom engineering role requires a unique blend of experienced design and mechanical aptitude. You will develop new product designs and existing product redesigns and oversee the production of these products, including the interpretation of test results.
- **SCRUM/AGILE PRODUCT DEVELOPMENT** | Utilize your technical expertise, industry knowledge, creativity, and full spectrum of CAS solutions, and use agile/scrum methodologies to facilitate effective management of product development. Develop and coordinate project plans, communicating changes and progress while completing projects on time and on budget. Oversee project team activities.
- **MECHANICAL ENGINEERING & DESIGN** | Utilize 3D software to design, develop and manufacture new HVAC products. Oversee the transition from design into production, including any testing and training required for implementation. Evaluate material selection, cost analysis, and vendors as required to implement new designs. With purchasing personnel, review the selection and specification of new purchased component parts for product designs.
- **REVOLUTIONIZE HVAC CUSTOM PRODUCT DEVELOPMENT** | Make an impact on the development of HVAC technology and be at the forefront of energy-saving and green innovation. Acquire and leverage competitive knowledge and participate in industry advocacy groups such as ASHRAE and AHRI. You will leverage technology and analytics and help CAS drive its custom product development to support its greater people priorities all while utilizing operational, lean, and continuous improvement goals.

IS THIS A MATCH FOR YOU?

- **HVAC DESIGN & PROJECT MANAGEMENT** – You offer **5-7+ years of progressive custom product design experience applicable to HVAC design work**. You have an intermediate knowledge of conceptual and schematic design. You have a solid knowledge of equipment sizing and selection, estimating, supply procurement, and project execution. You are familiar with burner systems, modulation, controls systems, fan curves, and drives.
- **COMMUNICATION & CONFIDENTIALITY** – You have developed **exceptional communication skills** and you **build relationships with confidence as a trusted and confidential partner to the customer**. You have a progressive and innovative attitude towards energy conservation, efficiency and safety. You communicate transparently and frequently and with compassion.

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- **TECHNICAL COMPETENCIES** – You bring solid tech skills including **mechanical, electrical, or gas appliance design**. You're detail oriented and have demonstrated a high first pass yield. Experience with **3D modeling software** to design mechanical systems and sheet metal components (**SolidWorks**, Fusion 360, Inventor, Creo, CATIA, NX, etc.). You have **ERP experience with Epicor**, SAP, Infor, Netsuite, Oracle, or Sage. You offer technical skills including MS Office applications, including Word, Excel, and PowerPoint. Experience in **Scrum/Lean manufacturing** initiatives and/or continuous improvement goals a plus.
- **EDUCATION & CERTIFICATIONS** – You have a 4-year degree in mechanical engineering or a related field.

WHY JOIN US?

- **JOIN AN INNOVATIVE, COLLABORATIVE ENGINEERING TEAM** – The Cambridge Engineering team is comprised of 4 separate teams: Product Development, Custom Engineering, Operations Engineering, and Application Engineering. All teams operate in a highly innovative, collaborative, metrics-driven culture with processes that emphasize achievable weekly performance targets. These systems allow for a mindful approach to workload, allowing individuals and teams to thrive in pursuit of excellence.
- **CORE VALUES GUIDE & ALIGN US** – Guided by a unique culture of unconditional love and high expectations, every team member is asked to bring their whole self to work. We are committed to helping one another grow internally – we value our colleagues; we value everyone's input and ideas; we value personal, professional, and spiritual development; and we learn from one another to achieve business goals as well as a greater good.
- **COMPETITIVE COMPENSATION PACKAGE** – Cambridge Air Solutions offers a competitive base salary and bonus plan tied to company goals and profitability. Cambridge also offers a comprehensive benefits plan, including medical, dental, vision, life, and disability insurance; PTO; generous paid holidays; company-wide quarterly profit-based bonus; employee assistance program; and a matching 401k plan.

LOCATION & TRAVEL

This onsite position will be based at our corporate headquarters in Chesterfield, Missouri.

READY TO APPLY?

Take the next step and share your resume with Occhio Search & Recruitment. Visit www.occhiosearch.com or contact Hannah Phillips at hannah@occhiosearch.com for more information. **All resumes, referrals and general inquiries will be held strictly confidential. We ask that you direct all questions, referrals, and applications to our retained search consultant at Occhio. No direct inquiries with Cambridge Air Solutions, please.**

Cambridge Air Solutions is an Equal Opportunity Employer. We welcome differences in form of gender, race, ethnicity, disability, geography, socioeconomic status, age, politics, religion, philosophy, sexual orientation, gender identity or express and veteran status. All applicants who share this goal are encouraged to apply and we look forward to hearing from you!