

ROTRON®

Provides “Build to Print” and “Custom” Subassemblies

ADVANTAGES:

- One purchase order for multiple parts
- Reduce inventory
- Reduce transaction costs
- Reduce risk by receiving a completely tested assembly
- Utilize existing floor space/personnel for more complex integration
- Utilize our expertise in airmoving to optimize design



AMETEK®

ROTRON
MILITARY & AEROSPACE PRODUCTS

ROTRON Provides...

Build To Print Capability

AMETEK Rotron has the capability to take existing designs and perform all subassembly work. We will utilize existing parts lists, vendors, and assemble, test, and deliver to a JIT schedule.

Examples:

- Add a capacitor and/or wiring harness/ connector
- Add a finger guard/filter assembly
- Provide sheet metal/assembly/test

Redesign Capability

AMETEK Rotron can take your existing design and work with your engineering personnel to reduce the cost and/or enhance the performance. By minor modifications in sheet metal, the fan efficiency may be improved and noise reduced.

Examples:

- Eliminate sharp edges, smooth transitions
- Utilize standard hardware

New Design Capability

AMETEK Rotron will utilize our engineering resources to augment your engineering resources to optimize your design. We will work closely with your engineering personnel to determine your technical requirements and then provide assistance with aerodynamic selection to maximize efficiency. We will build prototypes to prove the design and develop detail drawings to manufacture parts. We also will assist with qualification testing, develop an acceptance test procedure, and provide a complete assembly to a JIT schedule.

Examples:

- Custom fan tray/blower module assemblies
- Chassis/tray assemblies

Testing Capability

AMETEK Rotron will perform aerodynamic testing in accordance with AMCA 210-99 to verify system performance.

Types of Testing:

- Acoustic testing
- Structureborne noise testing
- Shock/vibration testing
- Thermal cycling
- Humidity/salt spray



ROTRON
MILITARY & AEROSPACE PRODUCTS

WOODSTOCK FACILITY

55 Hasbrouck Lane
Woodstock, NY 12498 U.S.A.
Tel: (845) 679-2401
Fax: (845) 679-1870
www.rottron.com

EL CAJON FACILITY

474 Raleigh Avenue
El Cajon, CA 92020 U.S.A.
Tel: (619) 593-7400
Fax: (619) 593-7774
www.rottron.com

Profile

AMETEK, Inc.

AMETEK is a leading global manufacturer of electrical and electromechanical products for niche markets. Listed on the New York Stock Exchange (AME) since 1930, AMETEK's annual sales are approaching \$1 billion. Operations are in North America, Europe, and Asia, with about one-third of sales to markets outside the United States. AMETEK is serving its customers with investments in new products, global and market expansion, strategic acquisitions, and operational excellence. The Company's operating groups are Electronic Instruments and Electromechanical.

Rotron

The Electromechanical Group (EMG) is one of the world's largest producers of high-speed electric motor products for original equipment manufacturers (OEMs). In business since 1915, EMG is using its core competencies to enhance its worldwide presence. A business unit of AMETEK EMG, Rotron has facilities in California, New York, North Carolina, and Ohio. Rotron serves the military, aerospace, medical, transportation, office equipment, industrial, and environmental markets worldwide. Rotron supports its customers with more than 650 employees that are organized in three business segments:

- Military & Aerospace Products
- Technical & Industrial Products

Our Military and Aerospace Business Segment

Rotron provides highly reliable AC and brushless DC motors, fans, blowers, heat exchangers and power conversion devices to military and aerospace customers around the world. Rotron manufactures custom air-moving devices and heat exchangers for Navy shipboard applications, military vehicles, avionics ground support equipment, and cooling system integration.

Rotron maintains a quality system in accordance with MIL-I-45208 and ISO 9001 certifications. Constant surveillance of vendors and in-house processes ensures production of a high-quality product that will meet the most stringent requirements.

Rotron maintains a model shop for in-house prototyping to support rapid turnaround requirements during project development. This allows for verification of form, fit, and function in a project's early stages in order to avoid delays during engineering/pre-production phases. The engineering and design staff will work with you during the development phase to optimize the design from a performance/cost standpoint so that the final product is cost effective and meets all of the required parameters.