



...Value... Added

**Products and
Services For
Military/Aerospace
Applications**



AMETEK[®]
ROTRON
MILITARY & AEROSPACE PRODUCTS

Value Added Engineering Services

Customized cooling systems designed to fit your individual application requirements.



- Navy Shipboard Application
- Heat Exchanger Dissipates 14kW
- Includes (4) MaxiAx 5.75 Vaneaxial Fans, Air-to-Water Fin-Tube Heat Exchanger



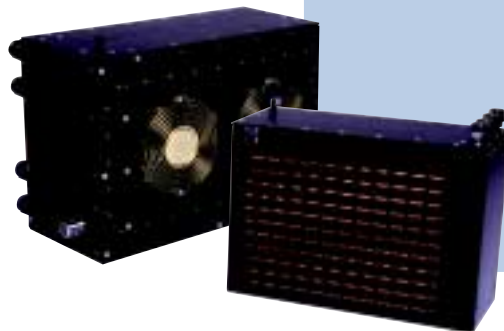
- Navy Shipboard Application
- Heat Exchanger/Duct Assembly Dissipates 2.5kW
- Includes MaxiAx 8 Vaneaxial Fans, Fin-Tube Heat Exchanger and Custom Ducting



- Air Force Avionics Test Equipment
- Portable UUT Blower and Compressor
- Includes Deltac Power Converter/ Blower for 115 VAC 50/60/400 Hz Operation



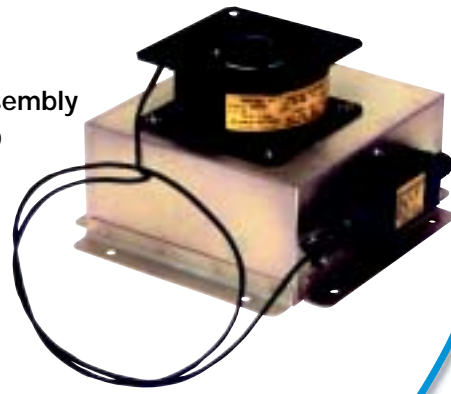
- Navy Shipboard Application
- Heat Exchanger Dissipates 10kW
- Includes MaxiAx 5.75 Vaneaxial Fans, Low Speed Warning Detectors, Wiring



- Navy Shipboard Application
- Heating, Cooling, Dehumidification up to 3kW
- Includes MIL-901 Tubeaxial Fans, Double Circuit Heat Exchanger

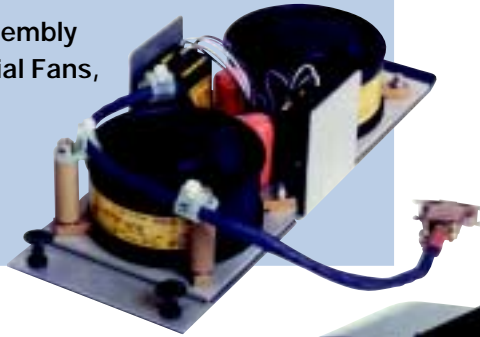
Value Added is o

- Fan, LSWD, Chassis Assembly
- Propimax 3B Fan, LSWD with EMI Filter
- 51 Components, 12 Part Numbers



Value Added Manufacturing Services

- Fan, LSWD, Tray Assembly
- Propimax 3B Tubeaxial Fans, LSWDs, Wiring and Sheet Metal
- 180 Components, 48 Part Numbers

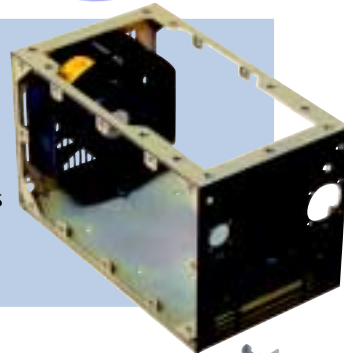


Build to print capabilities that integrate AMETEK Rotron's blowers and motors into your next level of assembly.

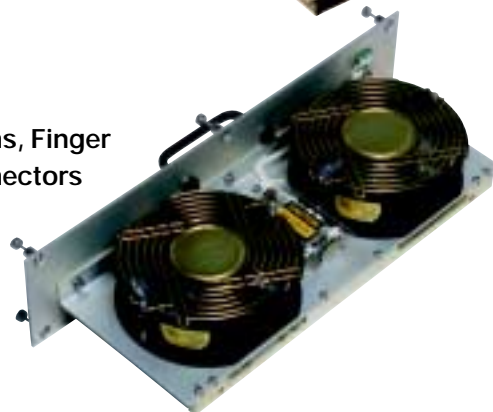
- Blower and Capacitor Assembly
- 47 Frame Motor, Custom Scroll, Mounted In-Line Capacitor
- 32 Components, 12 Part Numbers



- Fan/Chassis Assembly
- MIL-901 Tubeaxial Fan, Dip Brazed Aluminum Chassis
- 6 Components, 4 Part Numbers



- Fan Tray Assembly
- MIL-901 Tubeaxial Fans, Finger Guards, Wiring, Connectors and Sheet Metal
- 238 Components, 59 Part Numbers



our Added Value!

PROFILE

AMETEK, Inc.

AMETEK, Inc., is a leading global manufacturer of electronic instruments and electric motors with annual sales of \$1 billion. AMETEK is the world's largest producer of air-moving electric motors for the floor care industry and a leader in brushless DC motors, aircraft instruments, process analyzers, and industrial sensors. It has over 8,000 employees and operates manufacturing plants in the United States and 15 other countries. AMETEK serves its customers its customers by investing in new products, global and market expansion, strategic acquisitions and alliances, and operational excellence. The Company consists of two operating groups: Electromechanical and Electronic Instruments.

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 two business segments:

- **Military & Aerospace Products**
- **Technical & Industrial Products**

Military & Aerospace Products

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.

Rotron has in-house testing capabilities for aerodynamic performance in accordance with AMCA 210 and can cover flow ranges from 3 CFM up to 5000 CFM. In addition, Rotron offers aerodynamic testing for measuring actual system impedance. Additional testing capabilities include acoustic and structure-borne noise, thermal performance, shock, vibration, salt fog, humidity, low temperature, high temperature, and workmanship screen.



ROTRON MILITARY & AEROSPACE PRODUCTS

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